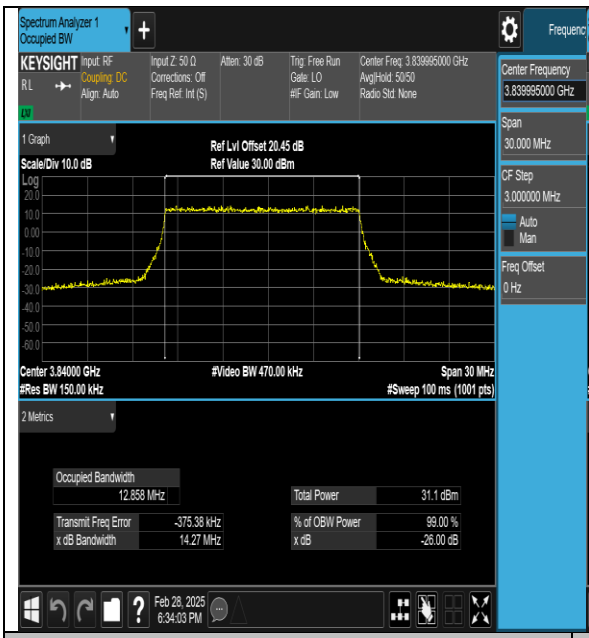
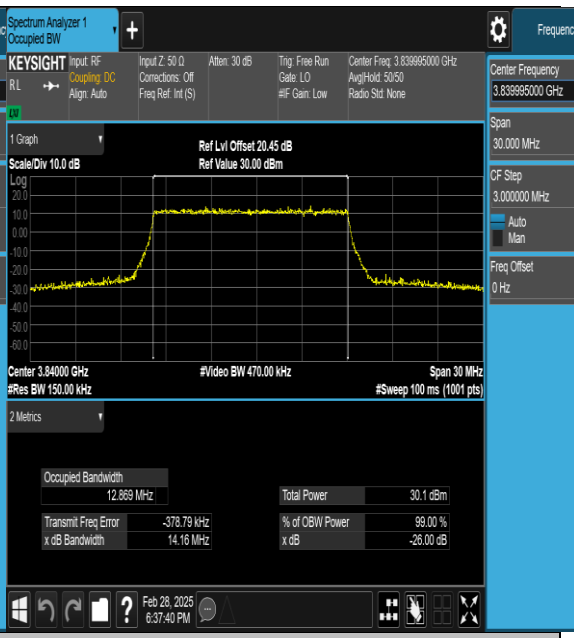
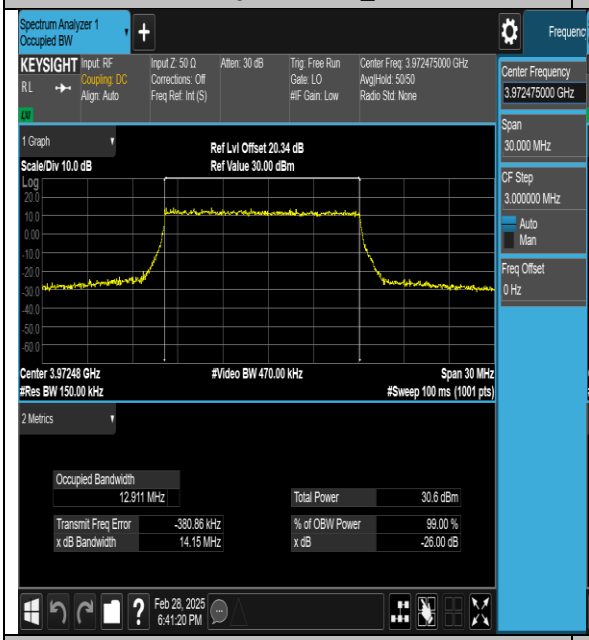


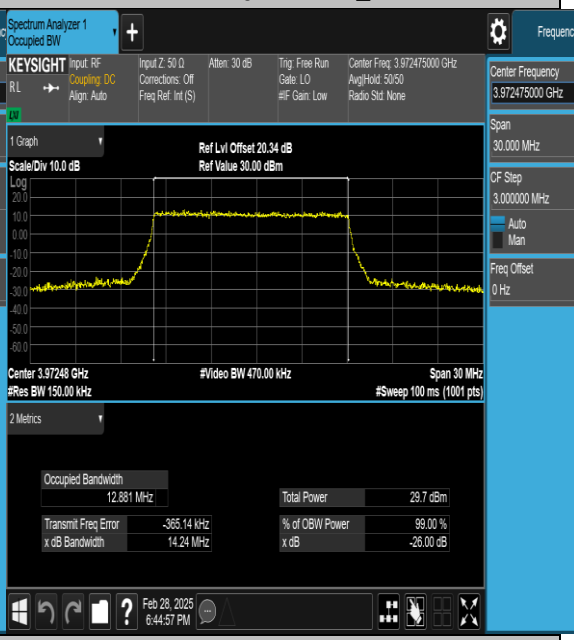

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+15-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



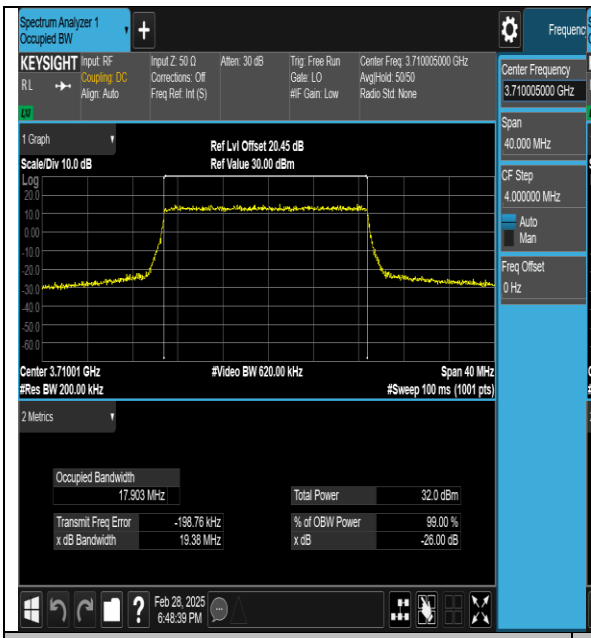

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+15-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



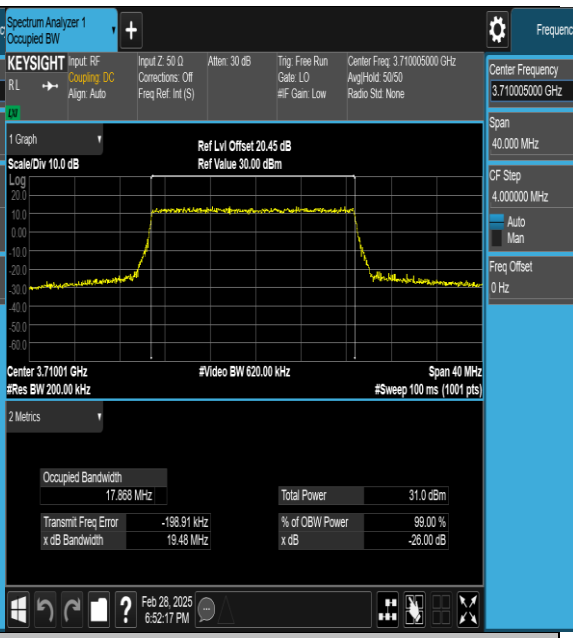

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+15-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



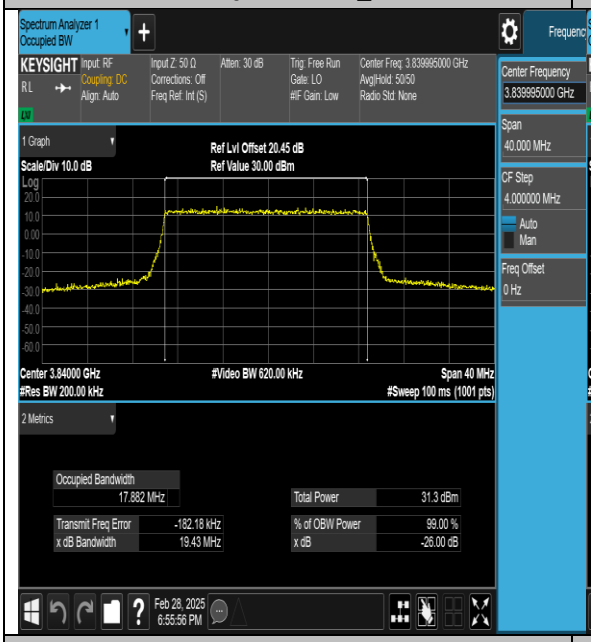

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+15-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



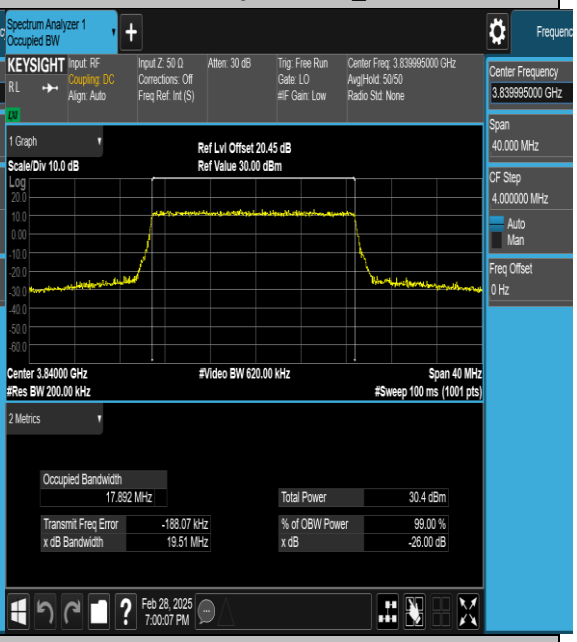

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+20-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



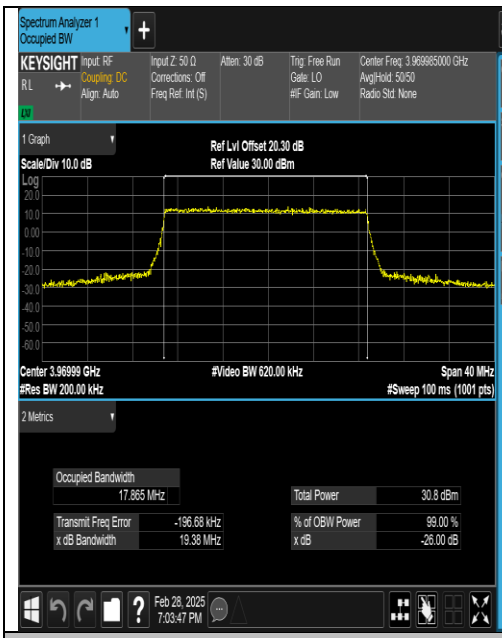

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+20-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



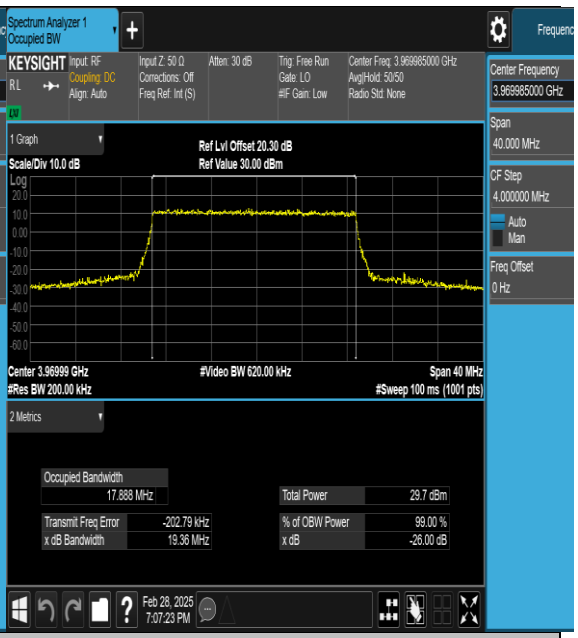

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+20-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



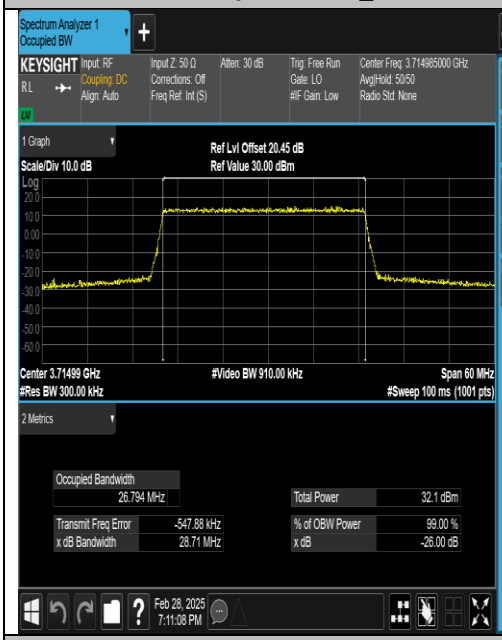

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+20-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



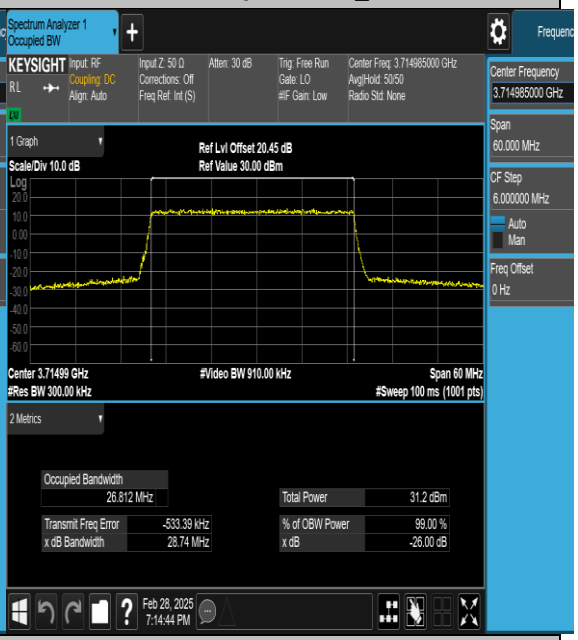

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+20-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



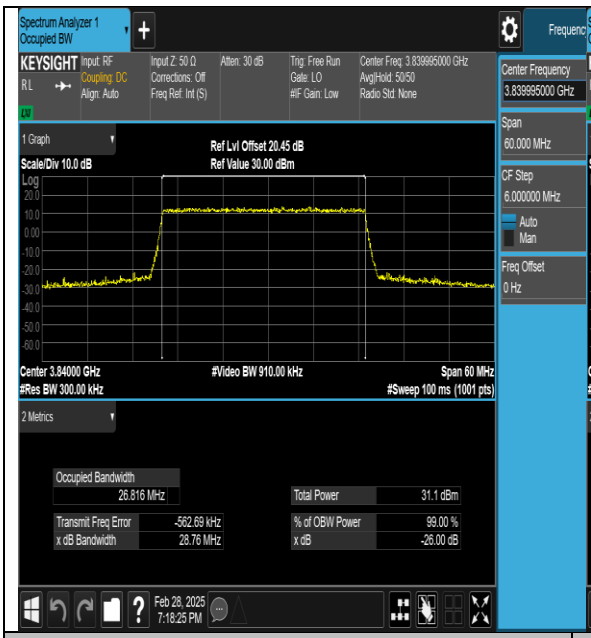

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+20-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



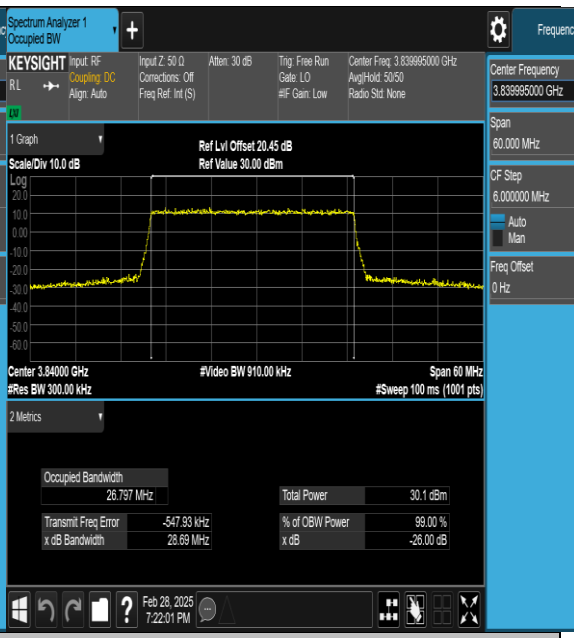

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+30-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



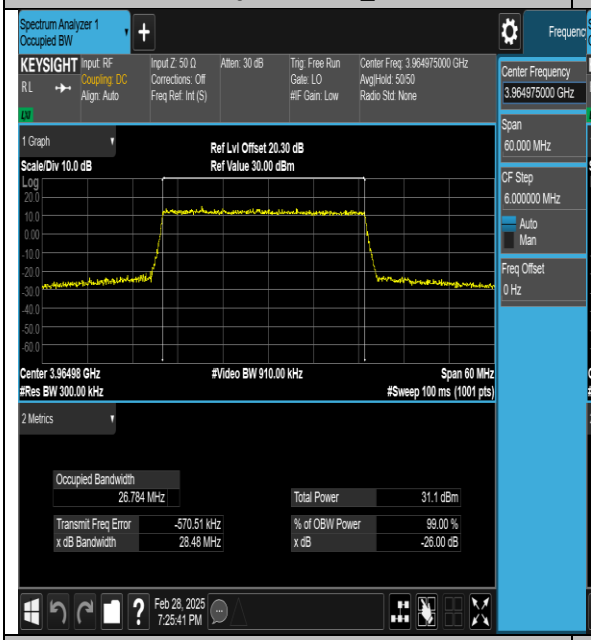

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+30-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



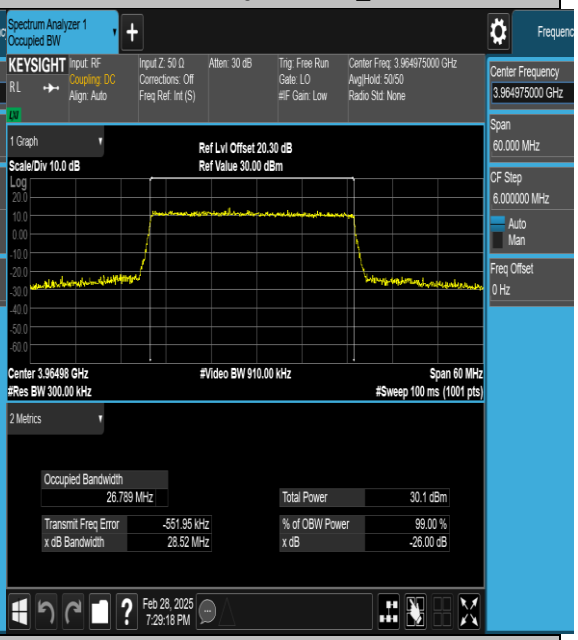

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+30-M +M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



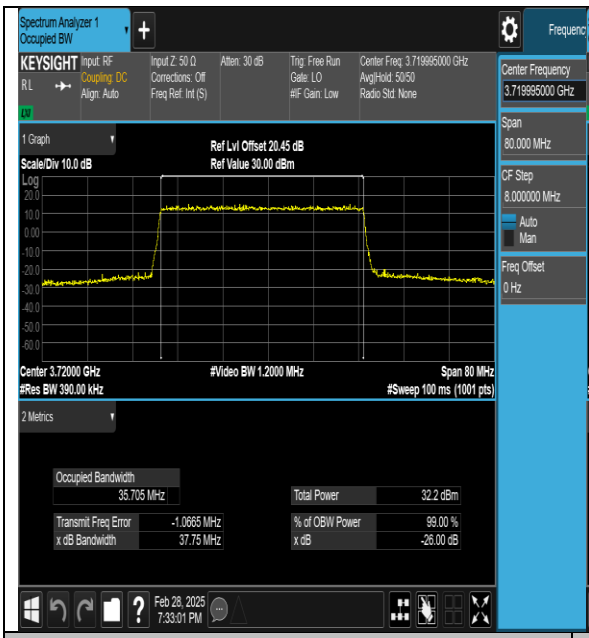

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+30-M +M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



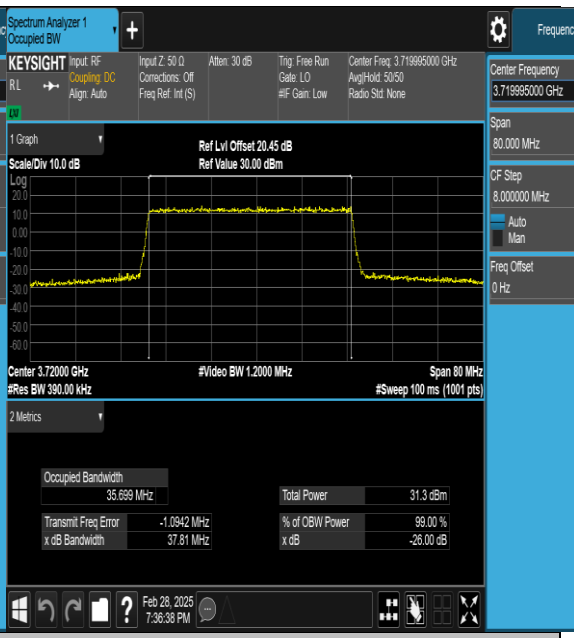

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+30-M +H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



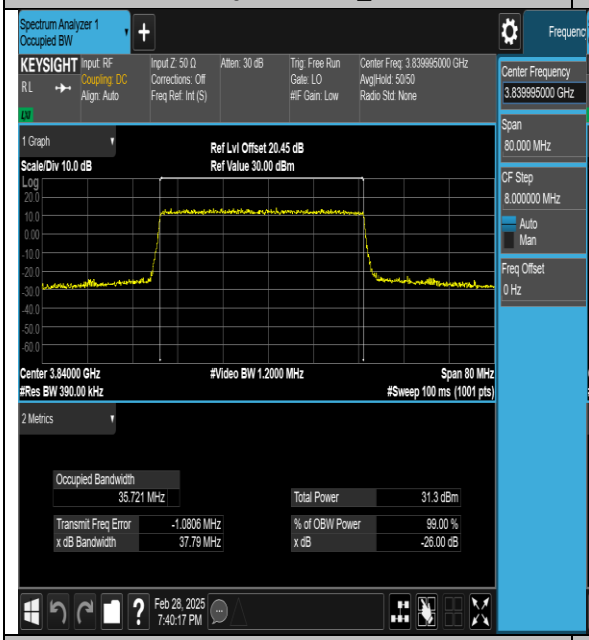

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+30-M +H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



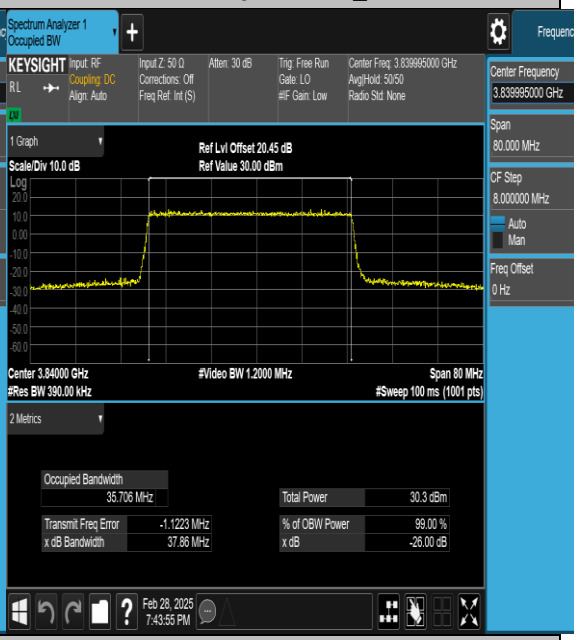

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+40-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



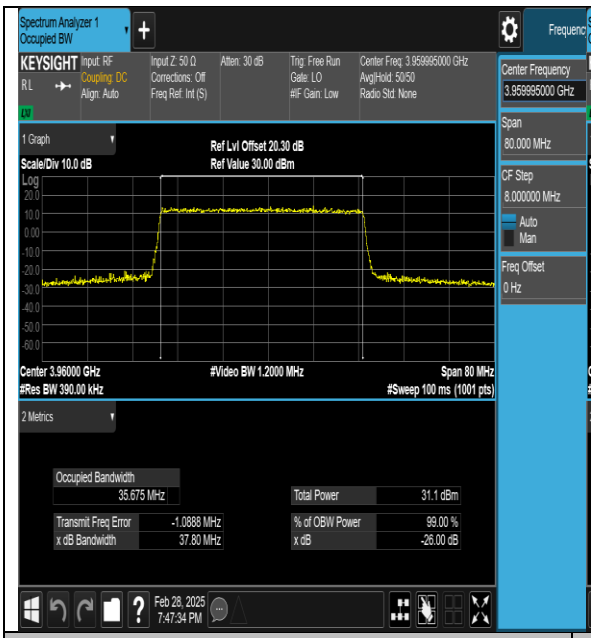

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+40-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+40-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

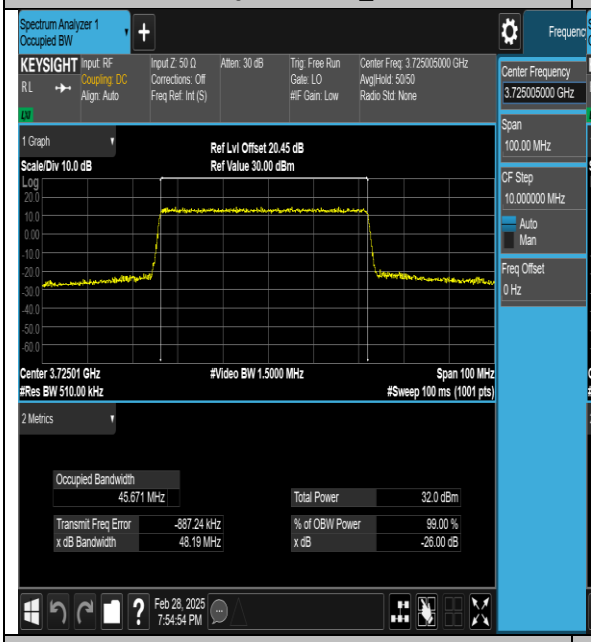



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+40-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS

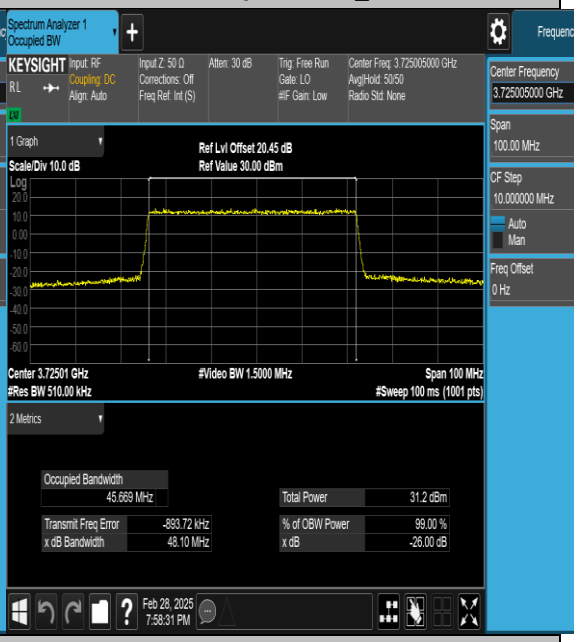



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+40-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

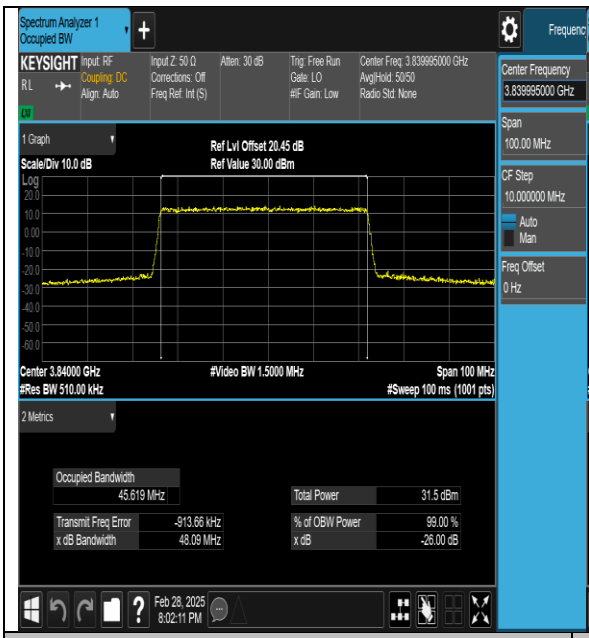
NTNV-DC_41A_n77A-3700-3980-PC2-30-5+40-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+50-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

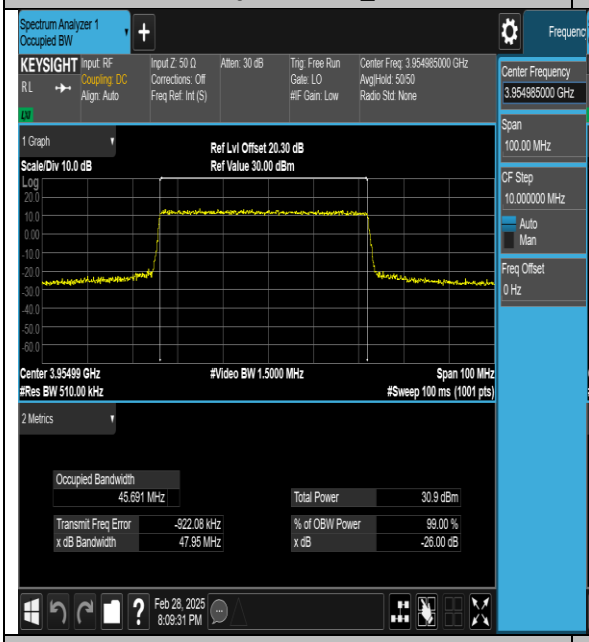



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+50-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS

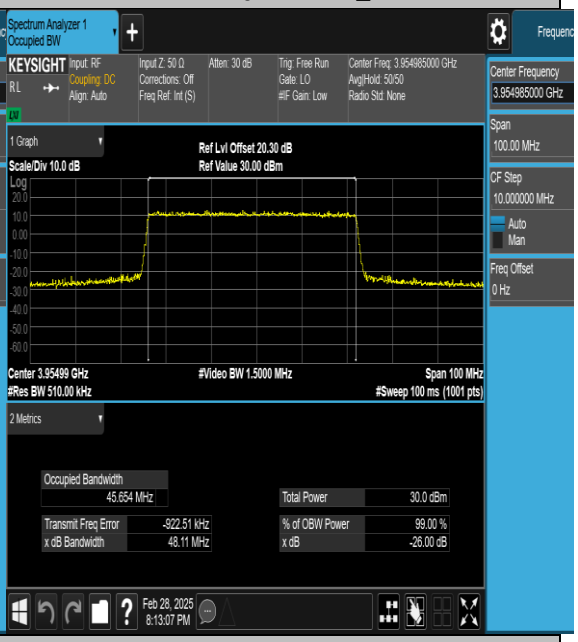



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+50-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

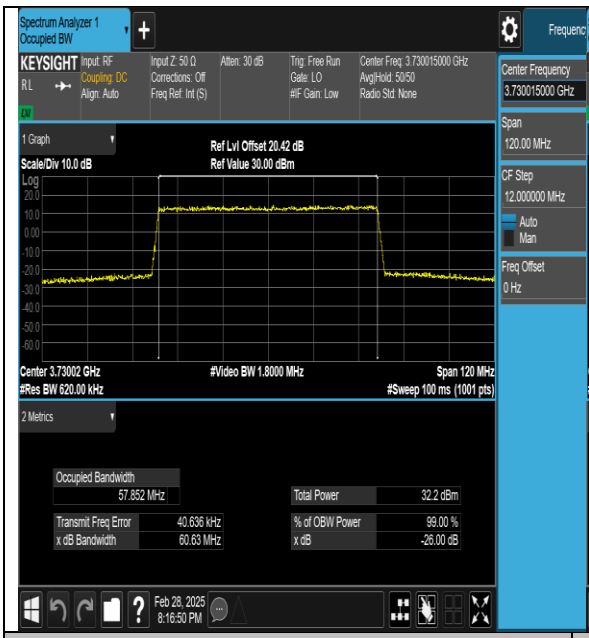
NTNV-DC_41A_n77A-3700-3980-PC2-30-5+50-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+50-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

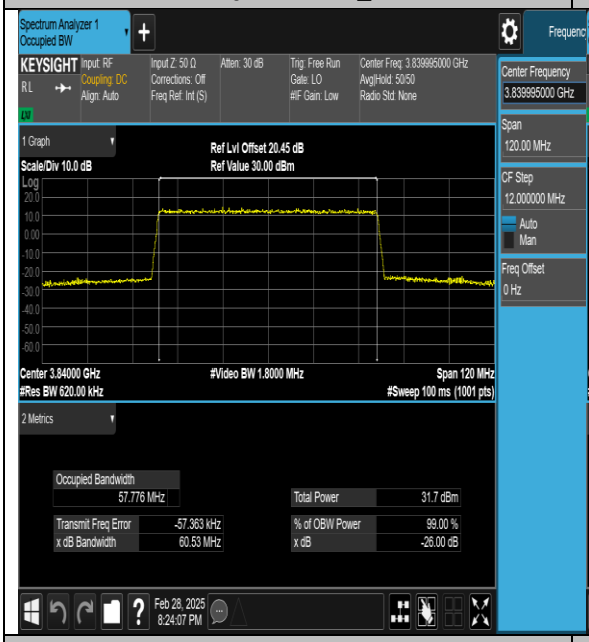



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+50-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS

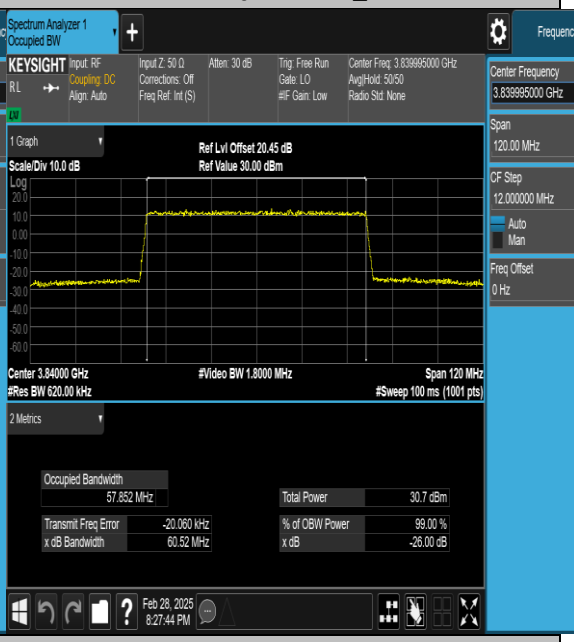



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+60-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

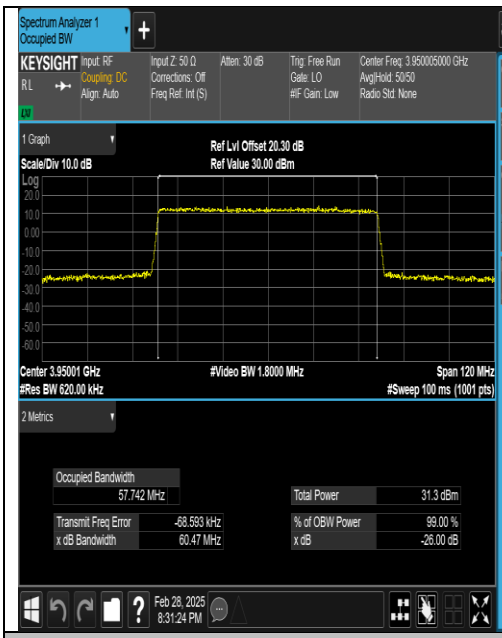
NTNV-DC_41A_n77A-3700-3980-PC2-30-5+60-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



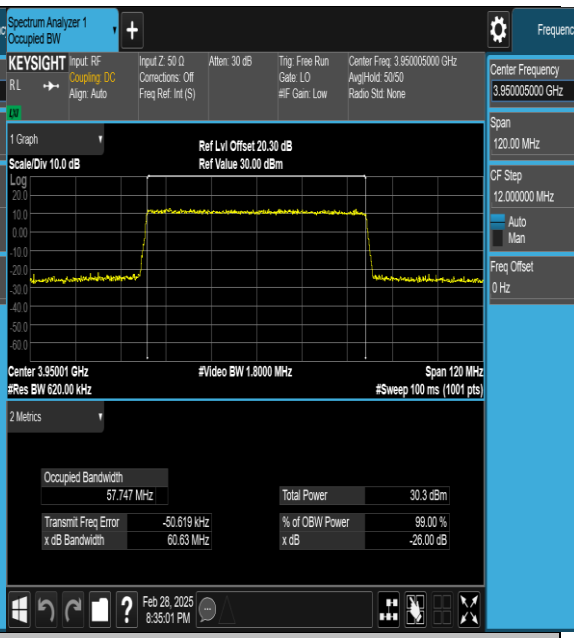

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+60-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



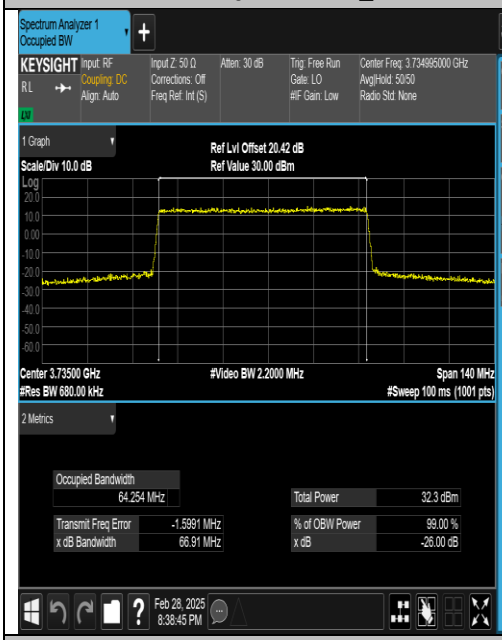

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+60-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



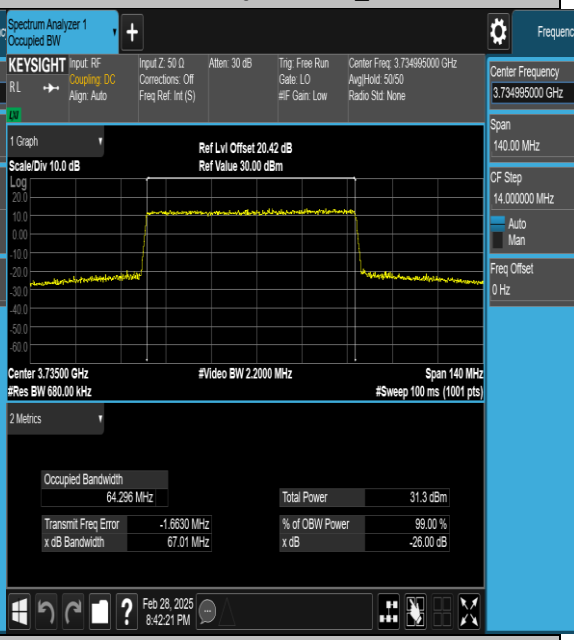

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+60-M +H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



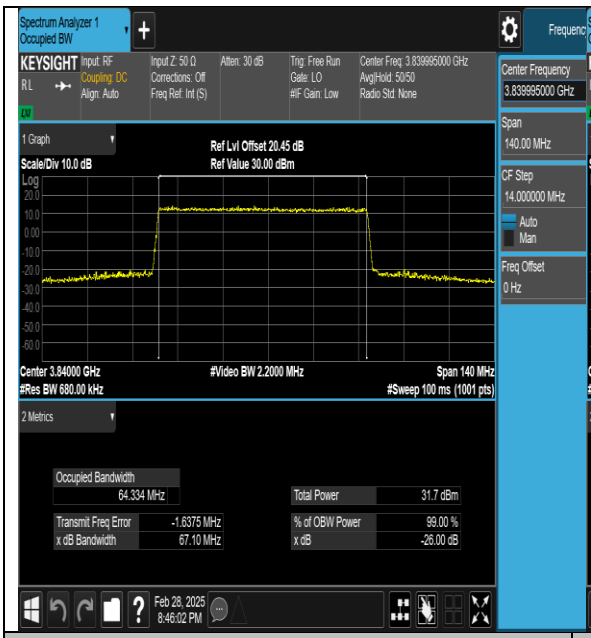

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+60-M +H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



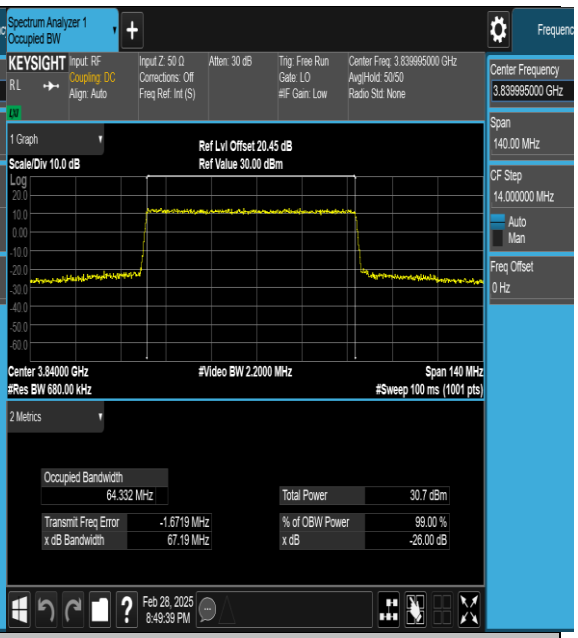

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+70-M +L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



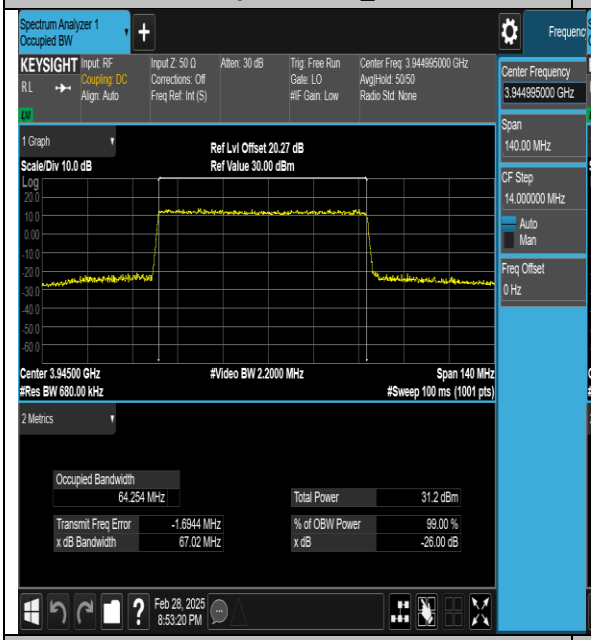

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+70-M +L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



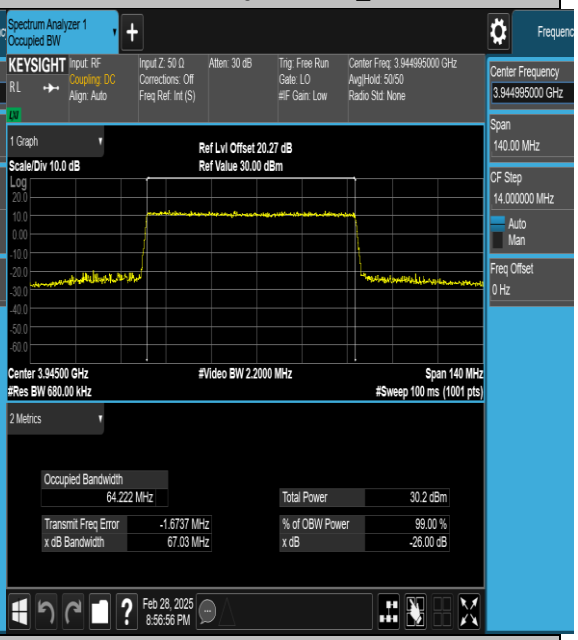

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+70-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



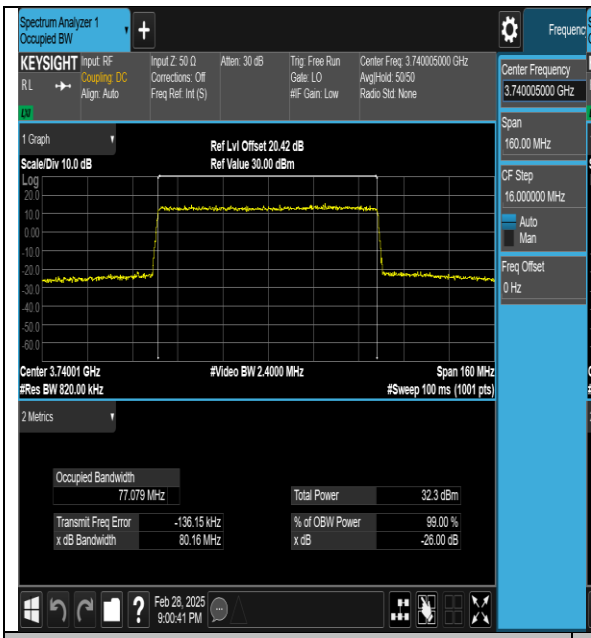

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+70-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+70-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

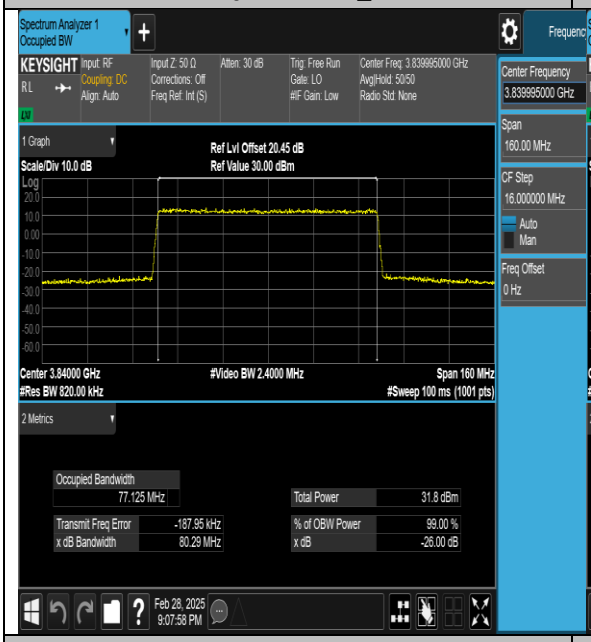



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+70-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS

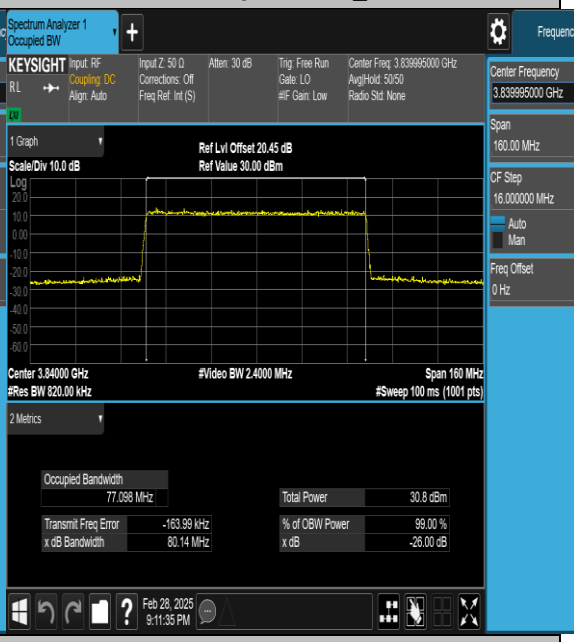



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+80-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

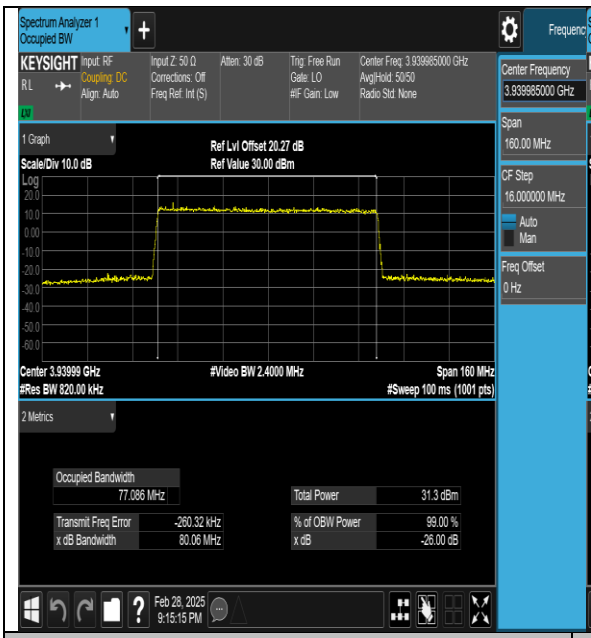
NTNV-DC_41A_n77A-3700-3980-PC2-30-5+80-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+80-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

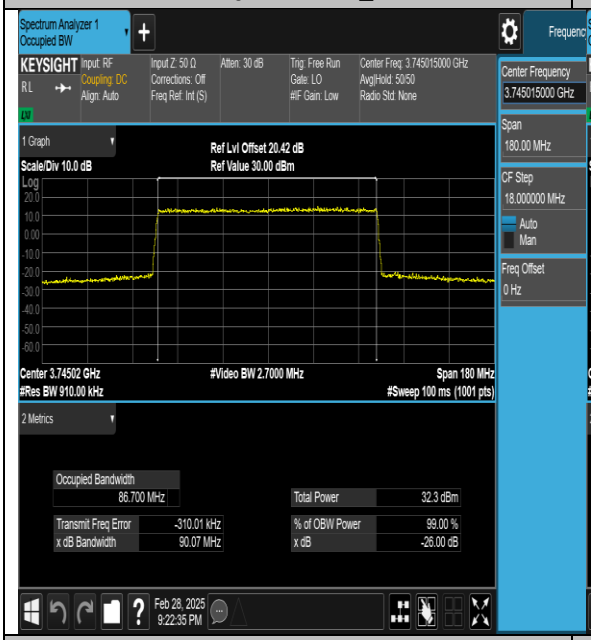



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+80-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS

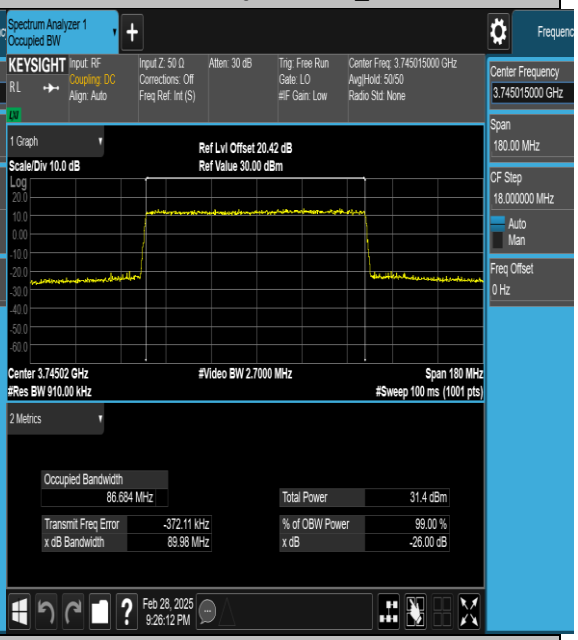



NTNV-DC_41A_n77A-3700-3980-PC2-30-5+80-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

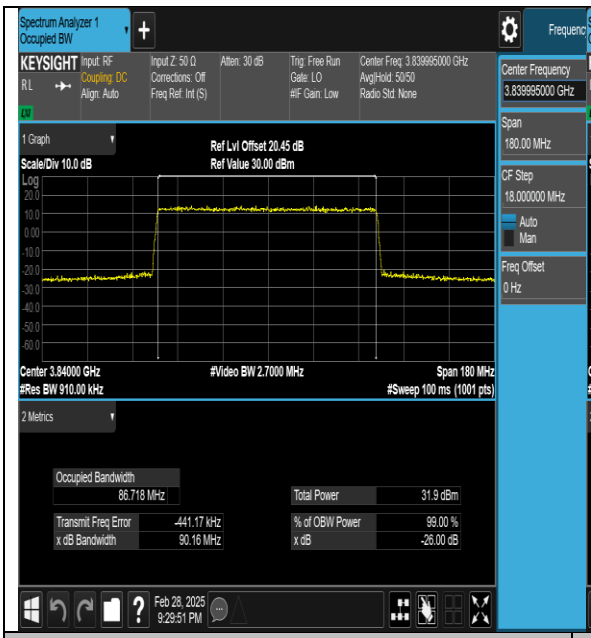
NTNV-DC_41A_n77A-3700-3980-PC2-30-5+80-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



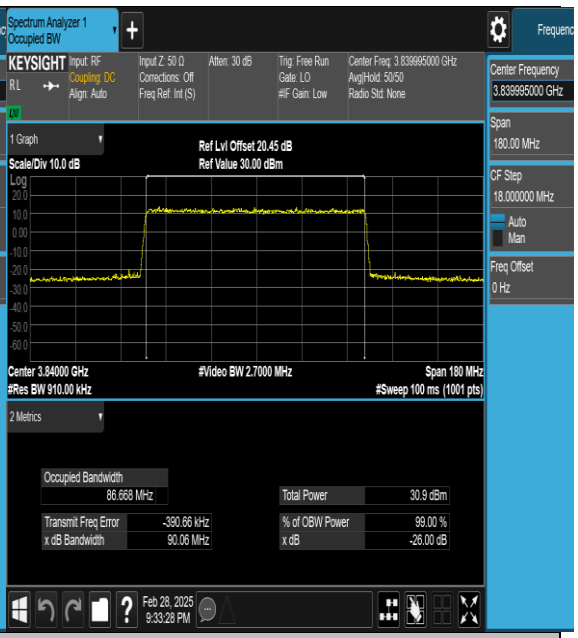

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+90-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



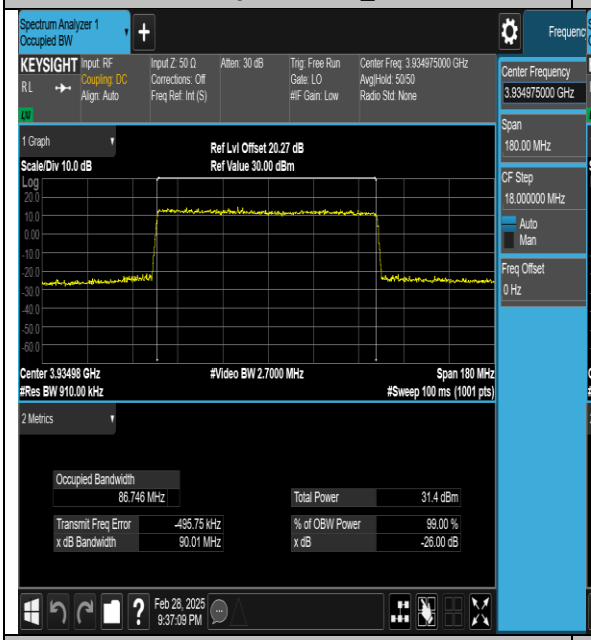

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+90-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



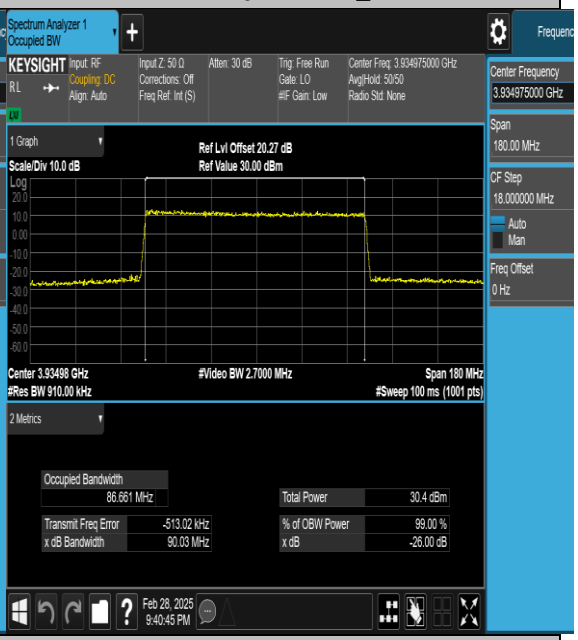

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+90-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



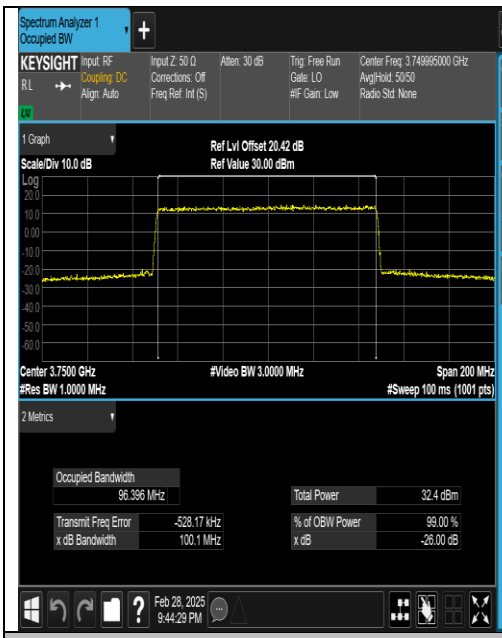

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+90-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



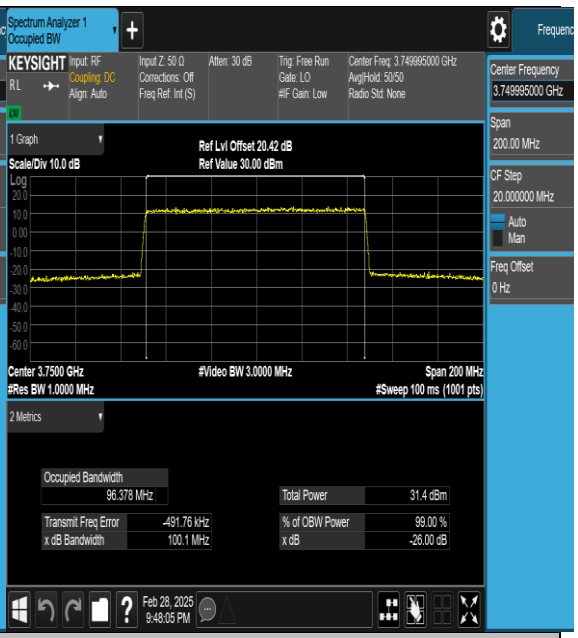

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+90-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



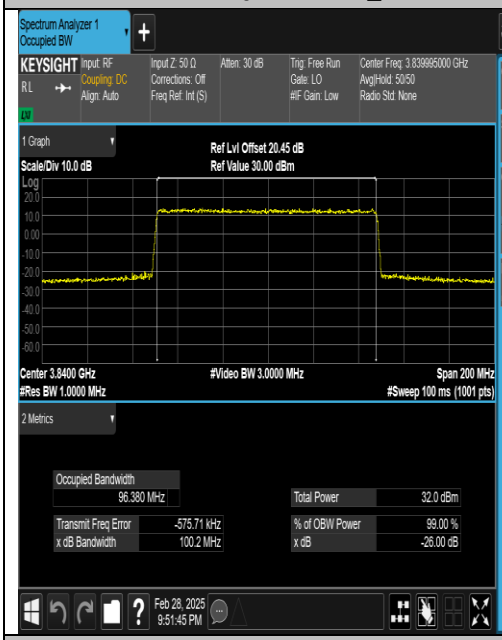

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+90-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS



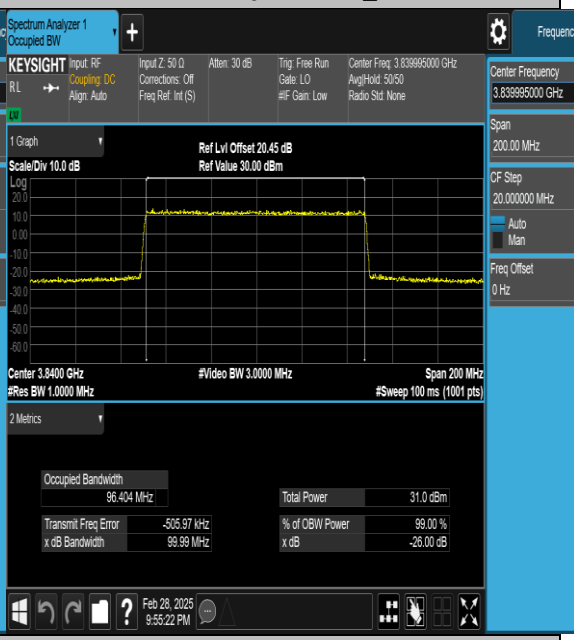

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+100-M+L-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS



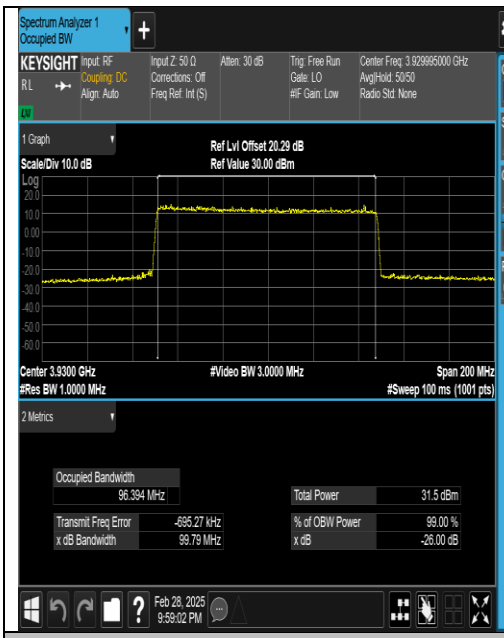

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+100-M+L-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+100-M+M-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+100-M+M-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+100-M+H-N/A-N/A-DFT-QPSK-Outer_Full-Ant1-PASS

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+100-M+H-N/A-N/A-DFT-16QAM-Outer_Full-Ant1-PASS

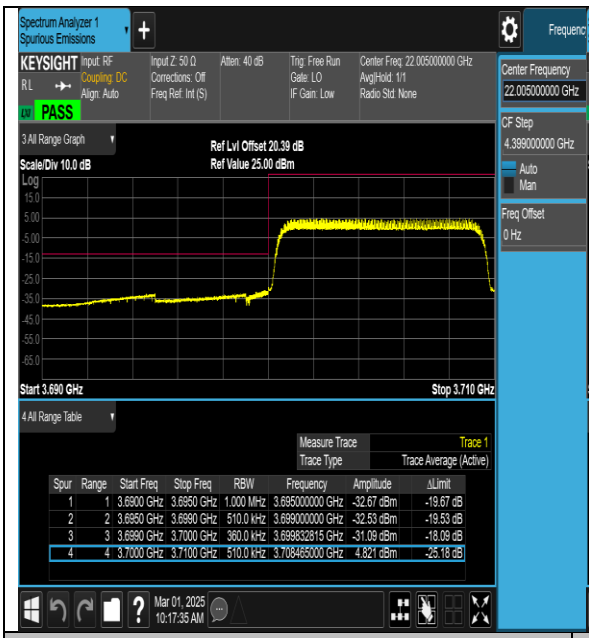
# Appendix D: Band Edge for NSA

## Test Result

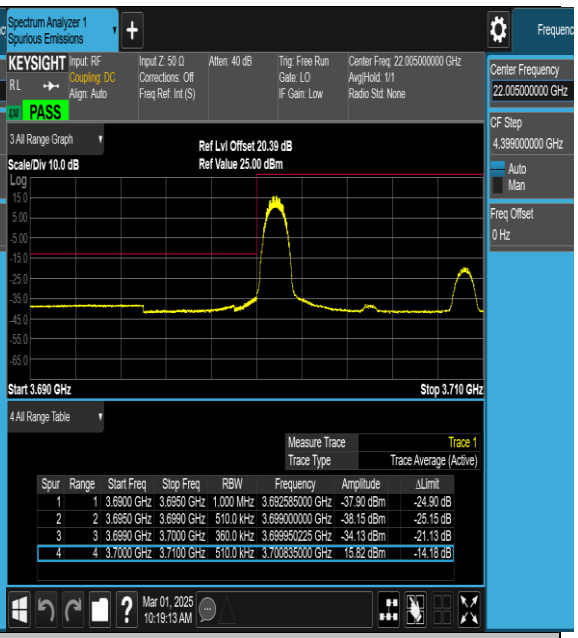
| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result | Margin | Verdict |
|---|---|---|---|---|---|---|---|---|
| DC_41A_n77A-3700-3980 | 30 | 5+10 | DFT-QPSK | M+L | Outer_Full | -31.09 | 18.09 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Left | -34.13 | 21.13 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+10 | DFT-QPSK | M+H | Outer_Full | -32.24 | 19.24 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Right | -30.22 | 17.22 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+15 | DFT-QPSK | M+L | Outer_Full | -32.15 | 19.15 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+15 | DFT-QPSK | M+L | Edge_1RB_Left | -30.10 | 17.10 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+15 | DFT-QPSK | M+H | Outer_Full | -33.38 | 20.38 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+15 | DFT-QPSK | M+H | Edge_1RB_Right | -33.56 | 20.56 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+20 | DFT-QPSK | M+L | Outer_Full | -32.86 | 19.86 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+20 | DFT-QPSK | M+L | Edge_1RB_Left | -32.89 | 19.89 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+20 | DFT-QPSK | M+H | Outer_Full | -33.92 | 20.92 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+20 | DFT-QPSK | M+H | Edge_1RB_Right | -35.49 | 22.49 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+30 | DFT-QPSK | M+L | Outer_Full | -32.89 | 19.89 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+30 | DFT-QPSK | M+L | Edge_1RB_Left | -32.65 | 19.65 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+30 | DFT-QPSK | M+H | Outer_Full | -34.32 | 21.32 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+30 | DFT-QPSK | M+H | Edge_1RB_Right | -36.51 | 23.51 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+40 | DFT-QPSK | M+L | Outer_Full | -34.03 | 21.03 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+40 | DFT-QPSK | M+L | Edge_1RB_Left | -32.45 | 19.45 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+40 | DFT-QPSK | M+H | Outer_Full | -35.02 | 22.02 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+40 | DFT-QPSK | M+H | Edge_1RB_Right | -36.02 | 23.02 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+50 | DFT-QPSK | M+L | Outer_Full | -34.14 | 21.14 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+50 | DFT-QPSK | M+L | Edge_1RB_Left | -36.94 | 23.94 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+50 | DFT-QPSK | M+H | Outer_Full | -35.50 | 22.50 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+50 | DFT-QPSK | M+H | Edge_1RB_Right | -32.12 | 19.12 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+60 | DFT-QPSK | M+L | Outer_Full | -34.79 | 21.79 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+60 | DFT-QPSK | M+L | Edge_1RB_Left | -34.63 | 21.63 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+60 | DFT-QPSK | M+H | Outer_Full | -35.40 | 22.40 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+60 | DFT-QPSK | M+H | Edge_1RB_Right | -36.05 | 23.05 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+70 | DFT-QPSK | M+L | Outer_Full | -34.25 | 21.25 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+70 | DFT-QPSK | M+L | Edge_1RB_Left | -35.85 | 22.85 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+70 | DFT-QPSK | M+H | Outer_Full | -36.30 | 23.30 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+70 | DFT-QPSK | M+H | Edge_1RB_Right | -36.45 | 23.45 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+80 | DFT-QPSK | M+L | Outer_Full | -35.46 | 22.46 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+80 | DFT-QPSK | M+L | Edge_1RB_Left | -36.67 | 23.67 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+80 | DFT-QPSK | M+H | Outer_Full | -36.65 | 23.65 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+80 | DFT-QPSK | M+H | Edge_1RB_Right | -35.81 | 22.81 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| DC_41A_n77A-3700-3980 | 30 | 5+90 | DFT-QPSK | M+L | Outer_Full | -34.71 | 21.71 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+90 | DFT-QPSK | M+L | Edge_1RB_Left | -36.15 | 23.15 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+90 | DFT-QPSK | M+H | Outer_Full | -36.42 | 23.42 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+90 | DFT-QPSK | M+H | Edge_1RB_Right | -32.83 | 19.83 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+100 | DFT-QPSK | M+L | Outer_Full | -35.61 | 22.61 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+100 | DFT-QPSK | M+L | Edge_1RB_Left | -34.07 | 21.07 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+100 | DFT-QPSK | M+H | Outer_Full | -36.66 | 23.66 | PASS |
| DC_41A_n77A-3700-3980 | 30 | 5+100 | DFT-QPSK | M+H | Edge_1RB_Right | -32.88 | 19.88 | PASS |

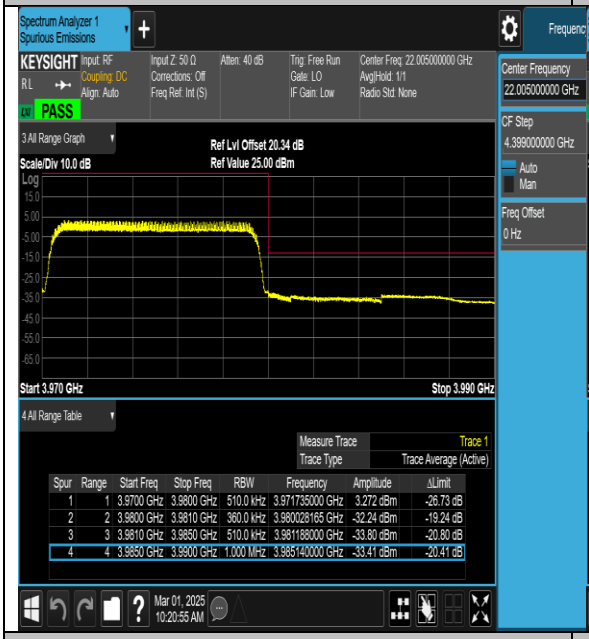
## Test Graphs



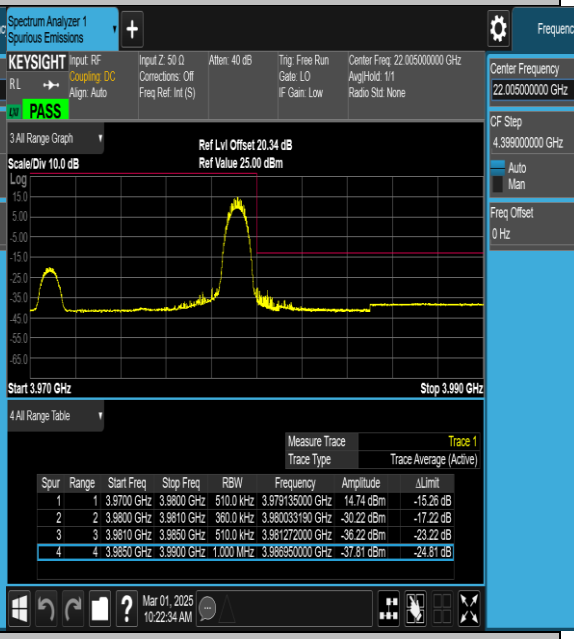

NTNV-DC_41A_n77A-3700-3980-PC2-30-5+10-M +L-N/A-N/A-DFT-QPSK-Outer_Full-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+10-M +L-N/A-N/A-DFT-QPSK-Edge_1RB_Left-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+10-M +H-N/A-N/A-DFT-QPSK-Outer_Full-PASS




NTNV-DC_41A_n77A-3700-3980-PC2-30-5+10-M +H-N/A-N/A-DFT-QPSK-Edge_1RB_Right-PASS