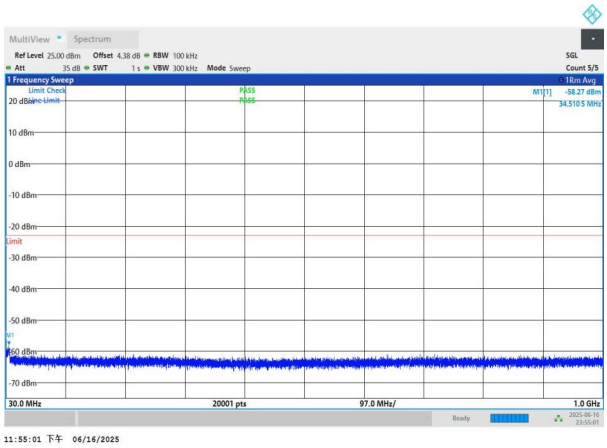
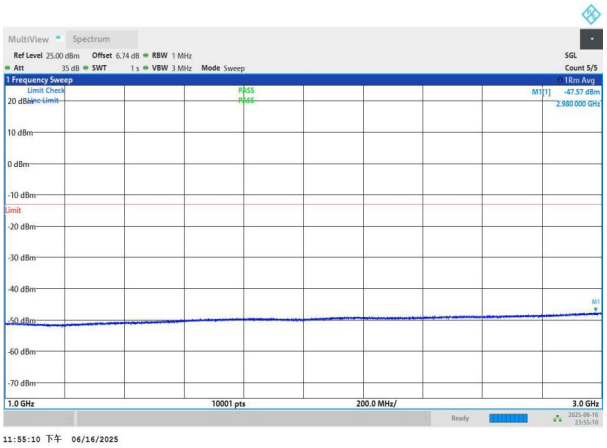
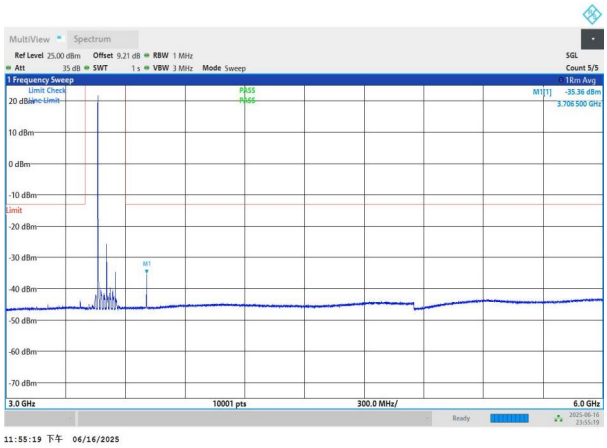


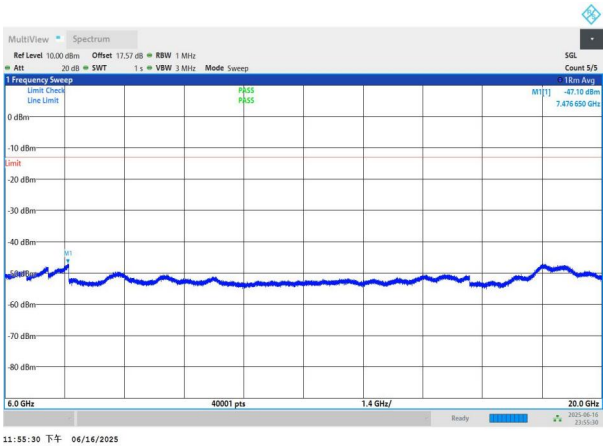

NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left-30-1000-PASS




NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS




NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left-3000-6000-PASS

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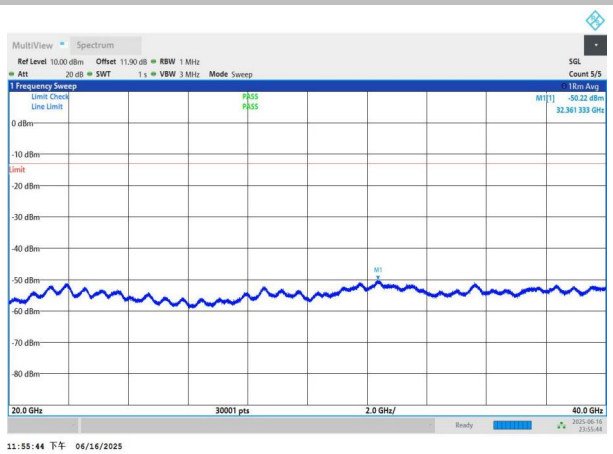
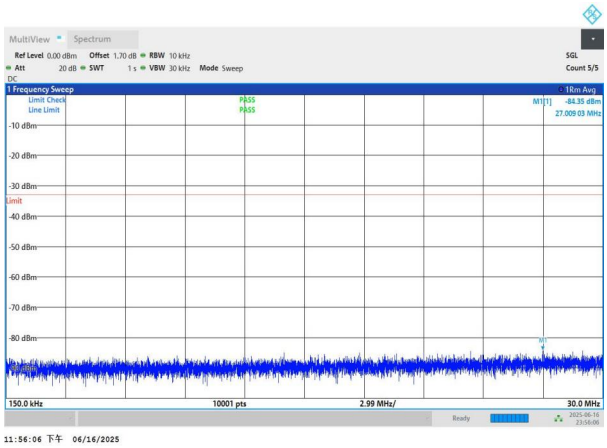



NTNV-n77(3450-3550)-PC3-30-90-H-DFT-BPSK-Edge_1RB_Left-20000-40000-PASS

NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left-0.009-0.15-PASS

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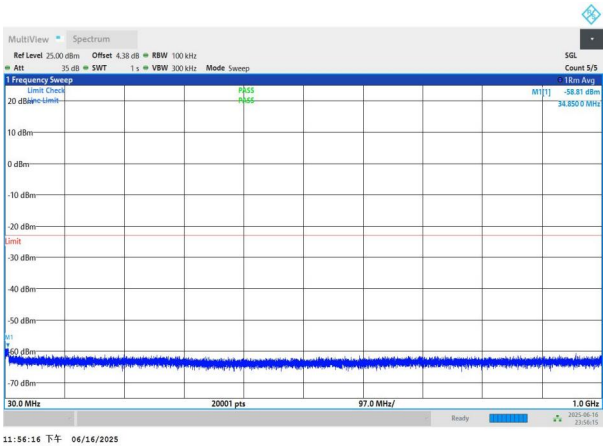
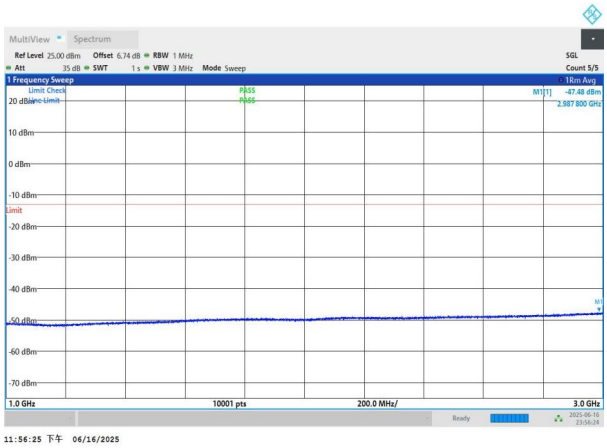
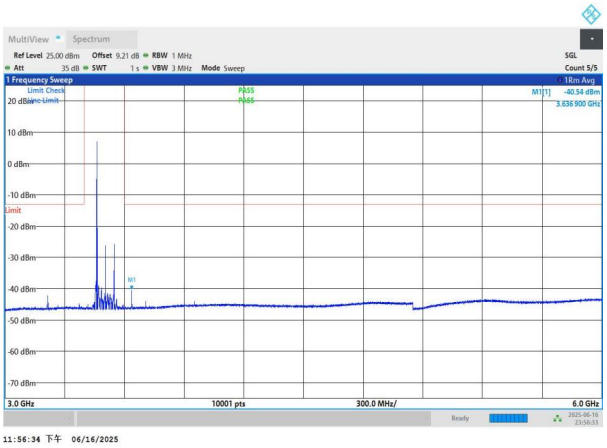


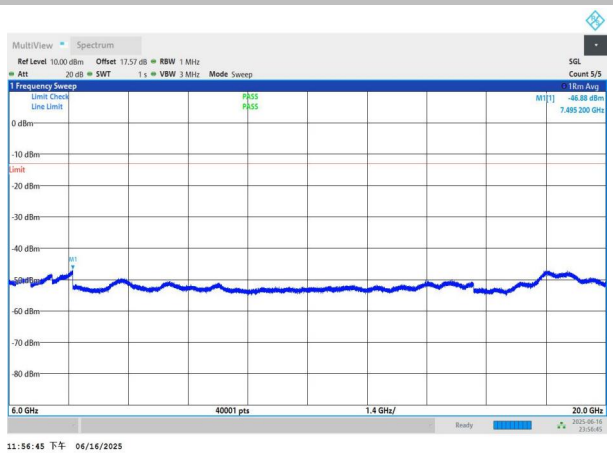

NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left-30-1000-PASS




NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left-1000-3000-PASS




NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left-3000-6000-PASS

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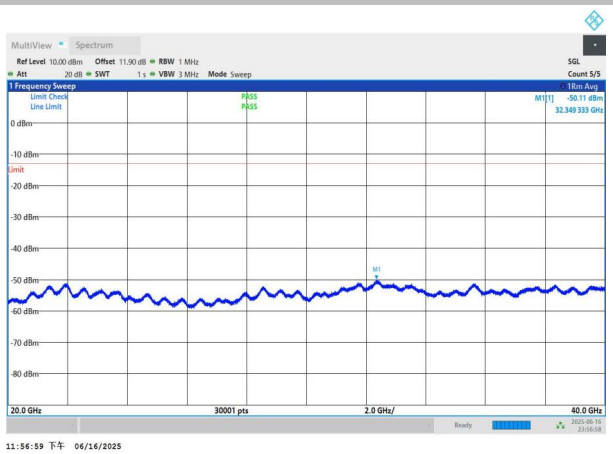
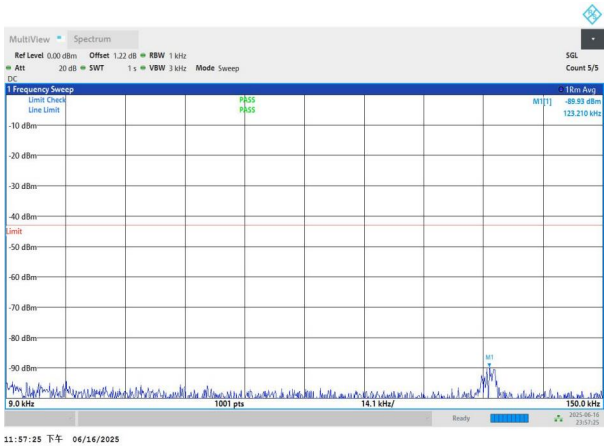
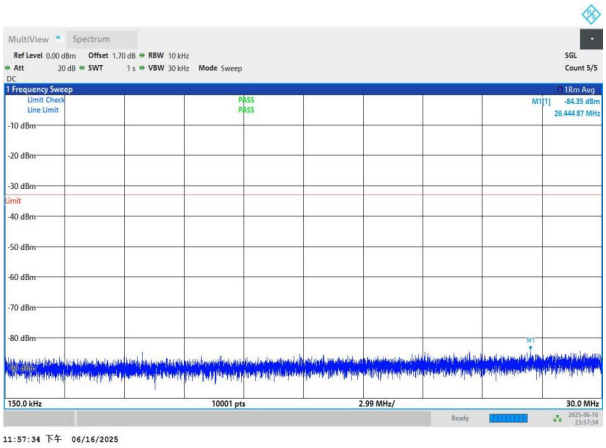



NTNV-n77(3450-3550)-PC3-30-90-H-DFT-QPSK-Edge_1RB_Left-20000-40000-PASS




NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-0.009-0.15-PASS

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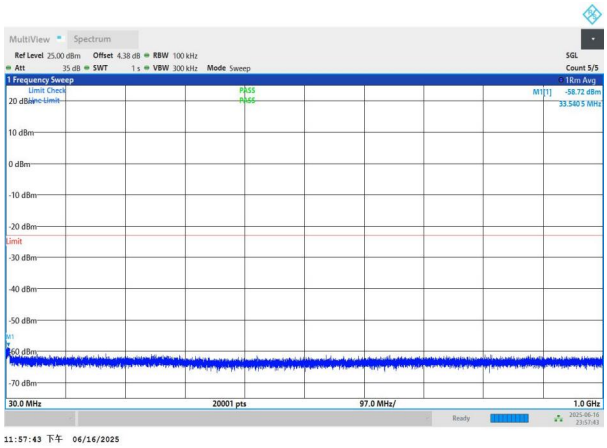
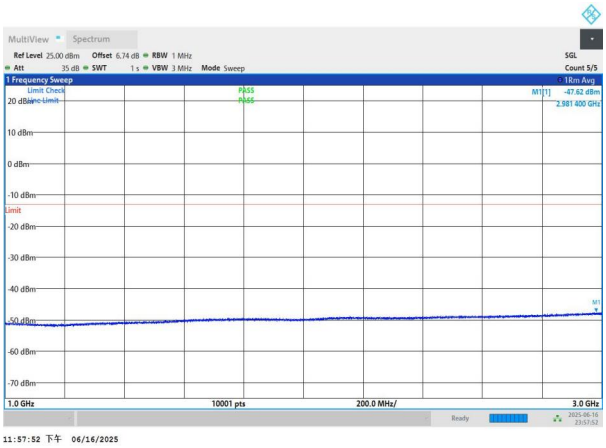
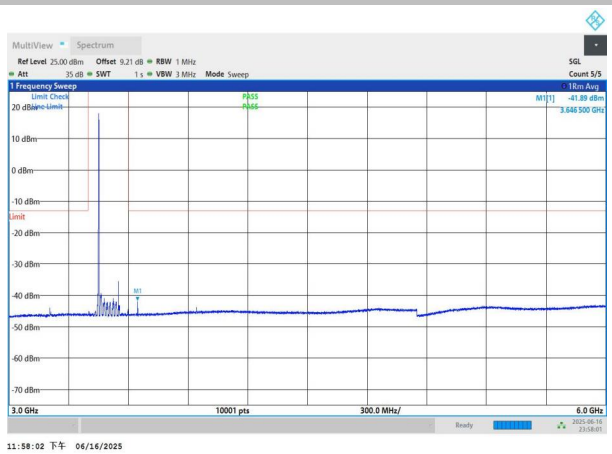



NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-30-1000-PASS




NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS

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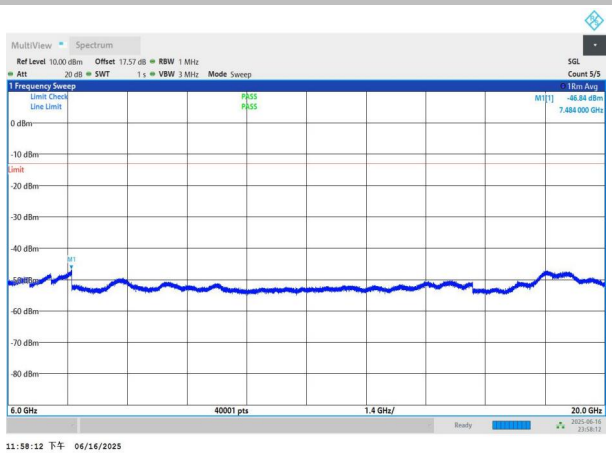


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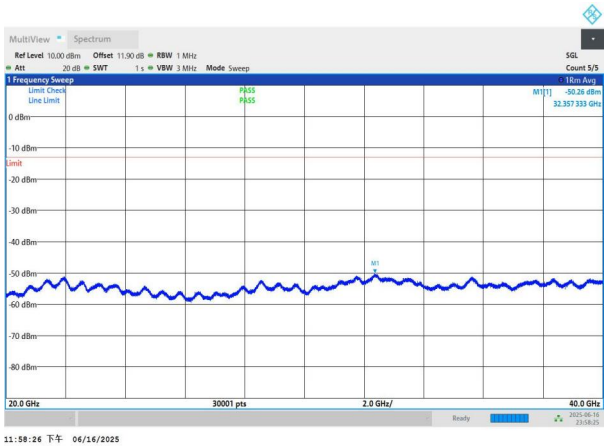
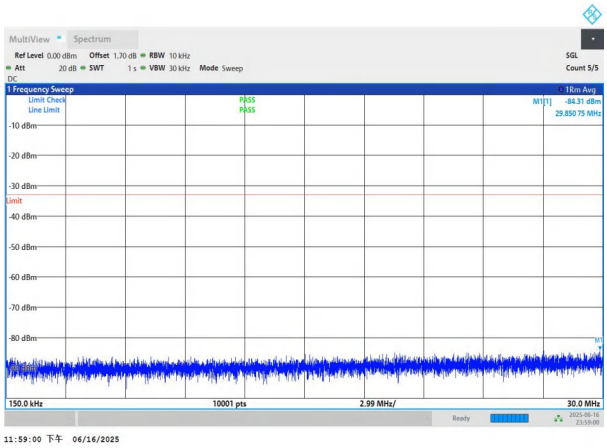



NTNV-n77(3450-3550)-PC3-30-100-L-DFT-BPSK-Edge_1RB_Left-20000-40000-PASS

NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Left-0.009-0.15-PASS

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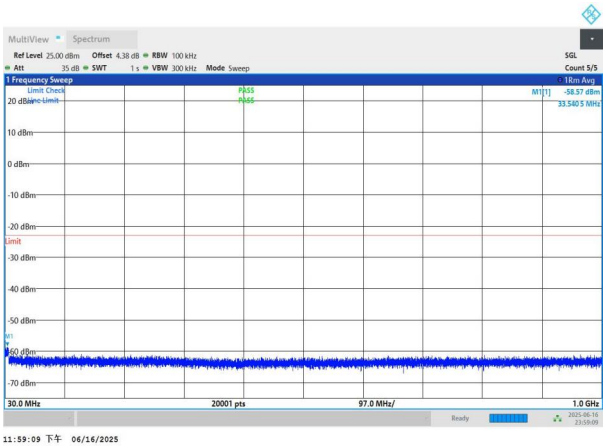


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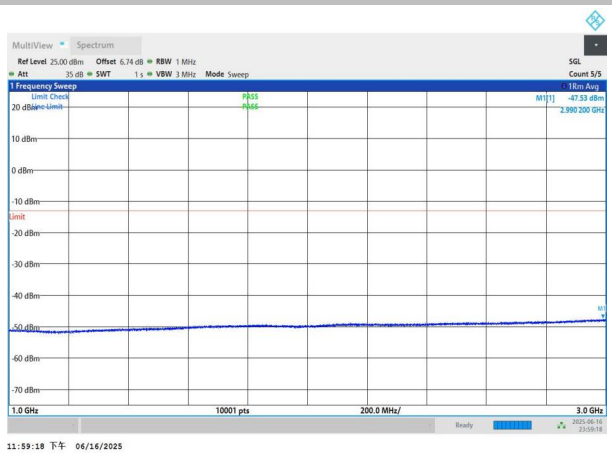


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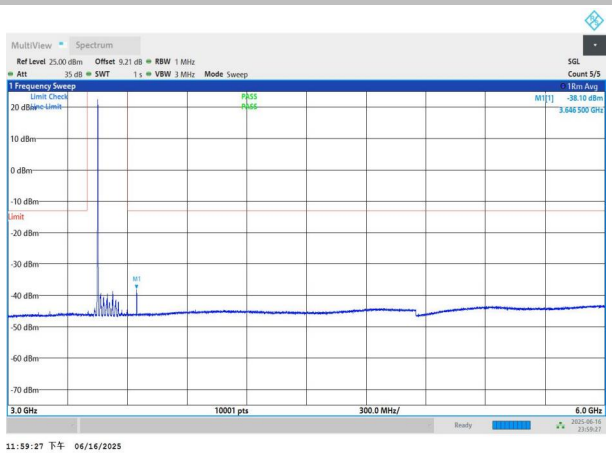


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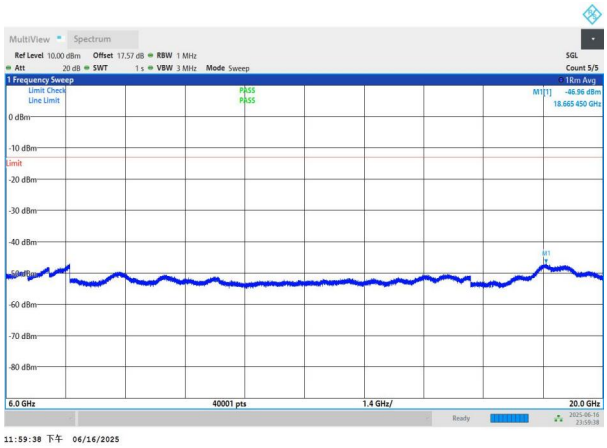


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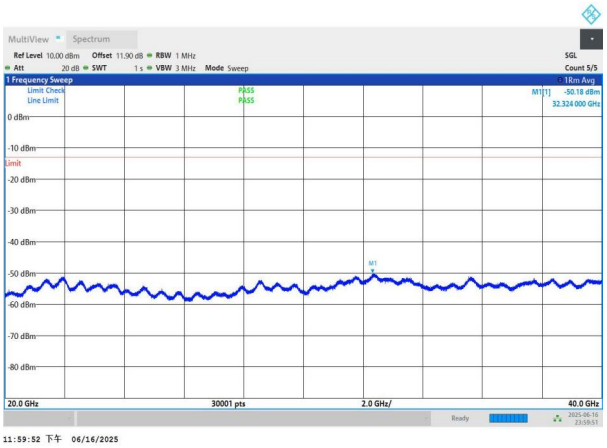
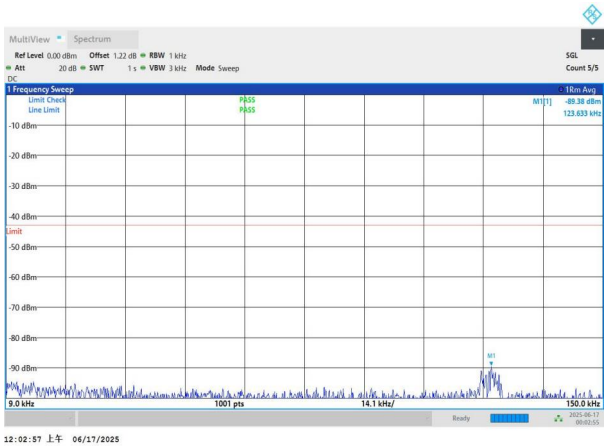
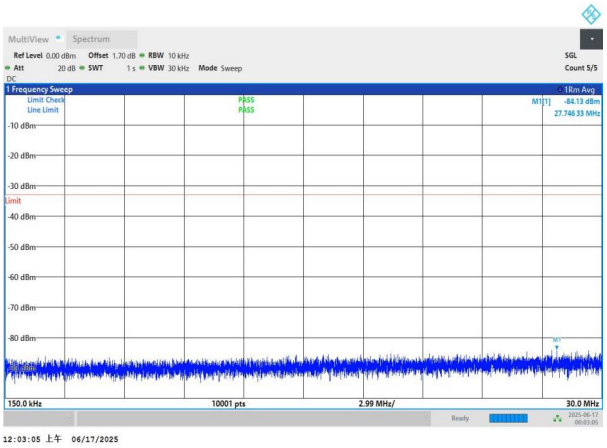



NTNV-n77(3450-3550)-PC3-30-100-L-DFT-QPSK-Edge_1RB_Left-20000-40000-PASS




NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-0.009-0.15-PASS

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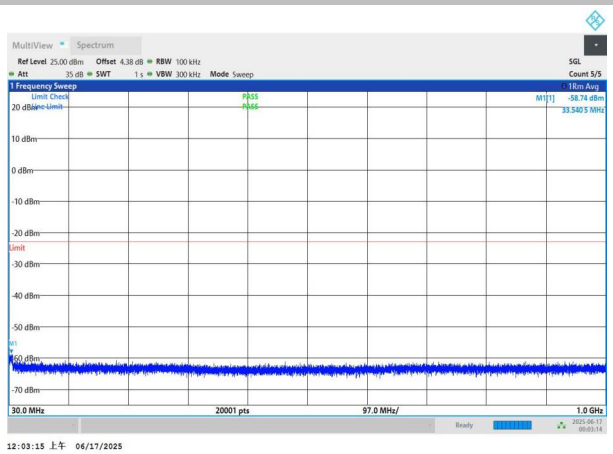
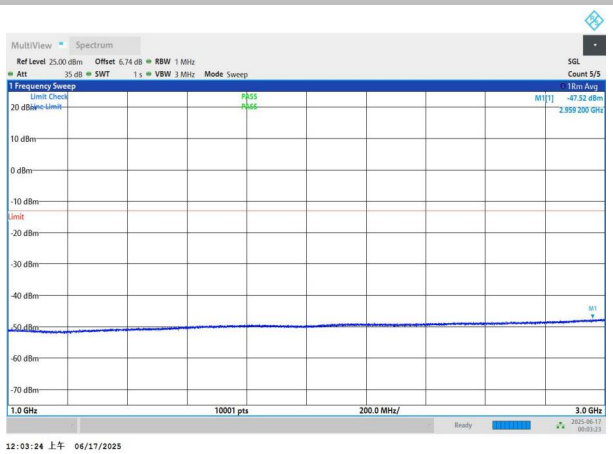
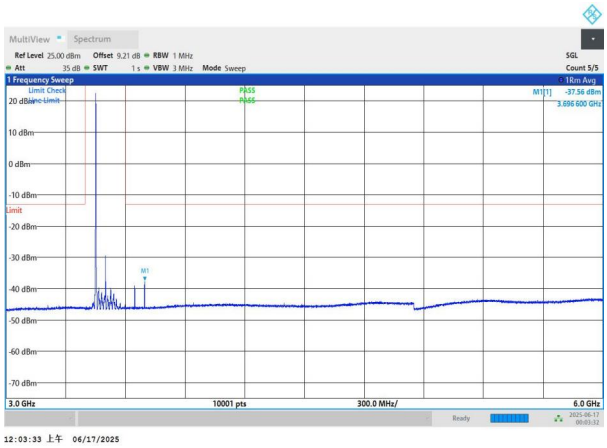


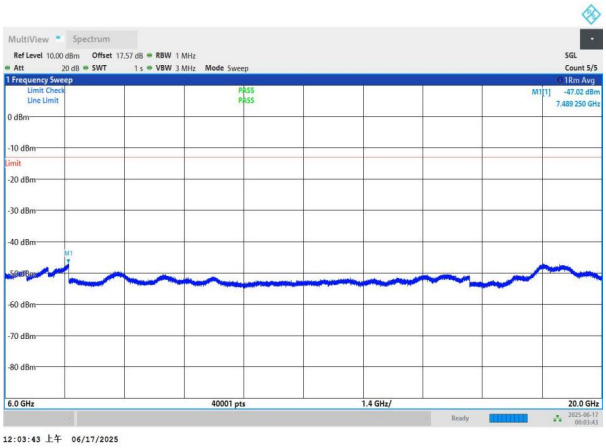

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



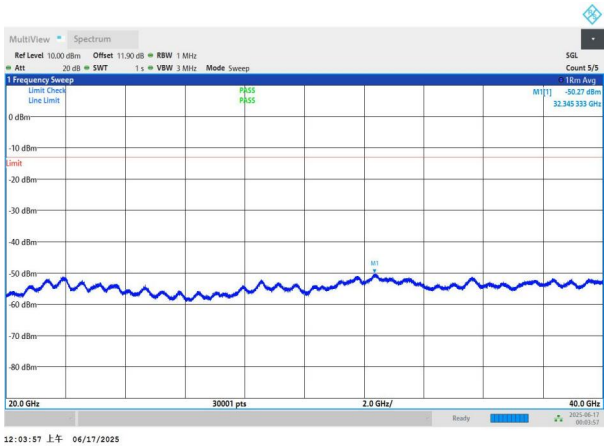

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS



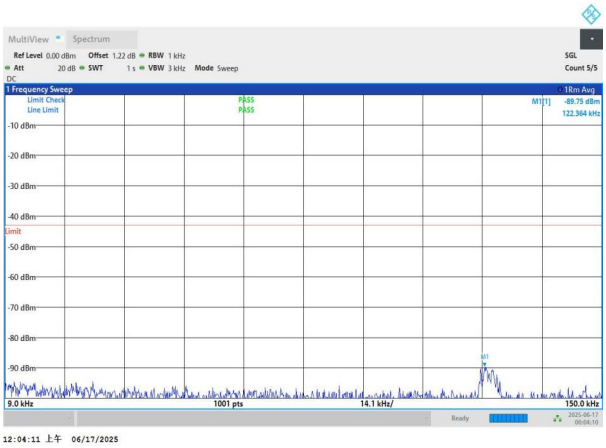

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-3000-6000-PASS



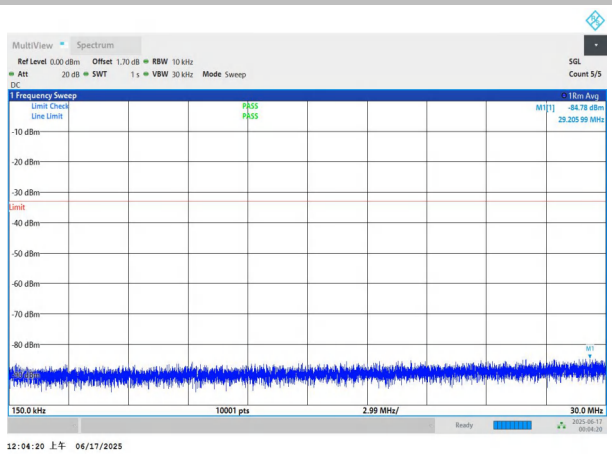

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-6000-20000-PASS



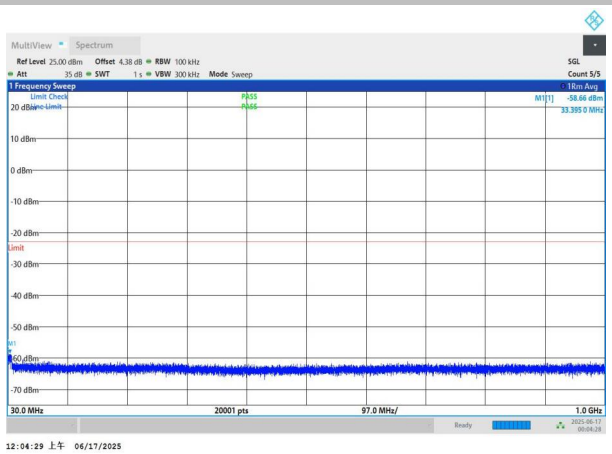

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-BPSK-Edge_1RB_Left-20000-40000-PASS



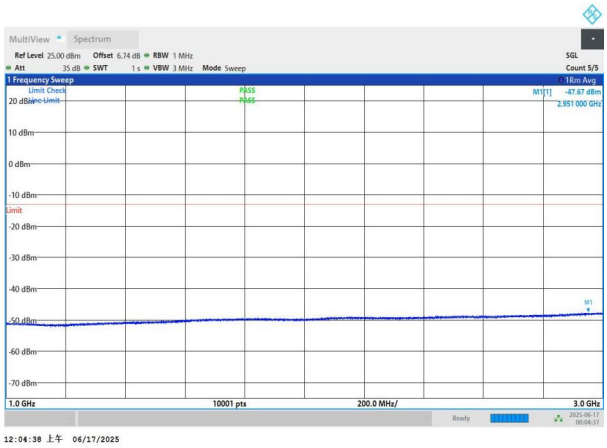

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Left-0.009-0.15-PASS



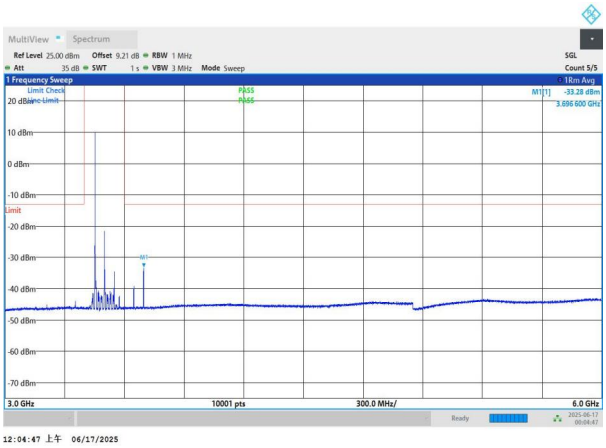

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Left-0.15-30-PASS



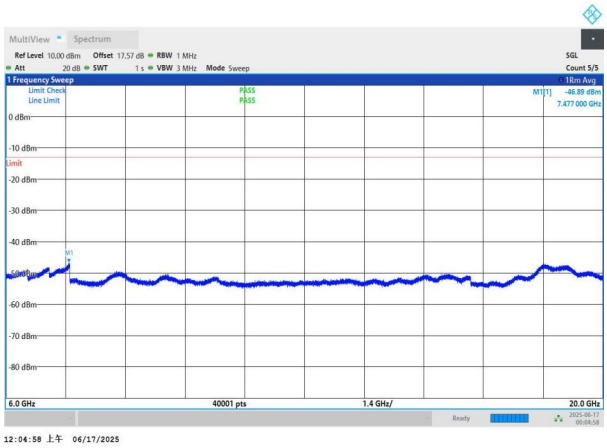

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Left-30-1000-PASS



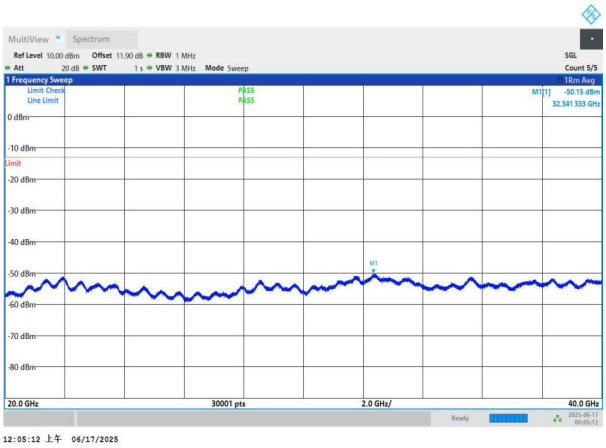

NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Left-1000-3000-PASS




NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Left-3000-6000-PASS

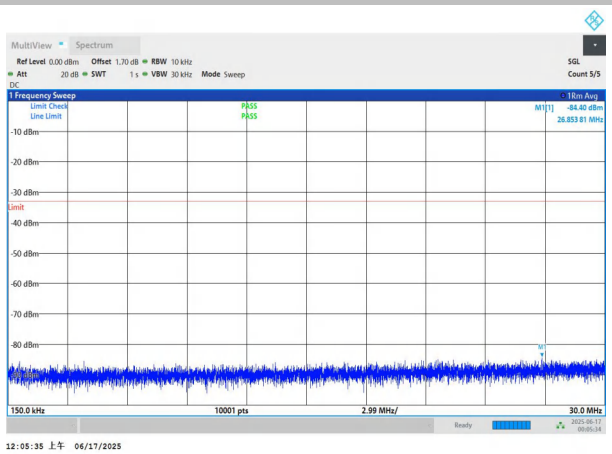



NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Left-6000-20000-PASS

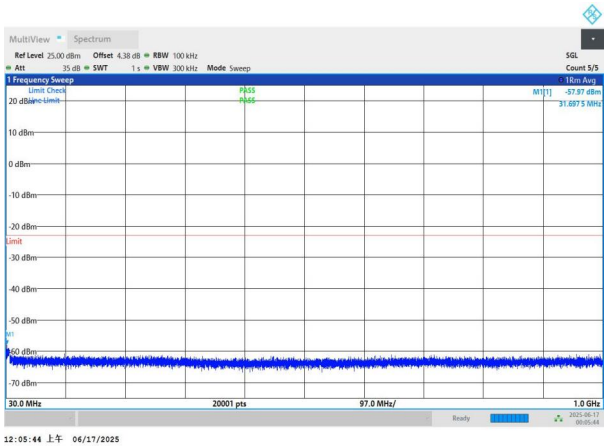



NTNV-n77(3450-3550)-PC3-30-100-M-DFT-QPSK-Edge_1RB_Left-20000-40000-PASS

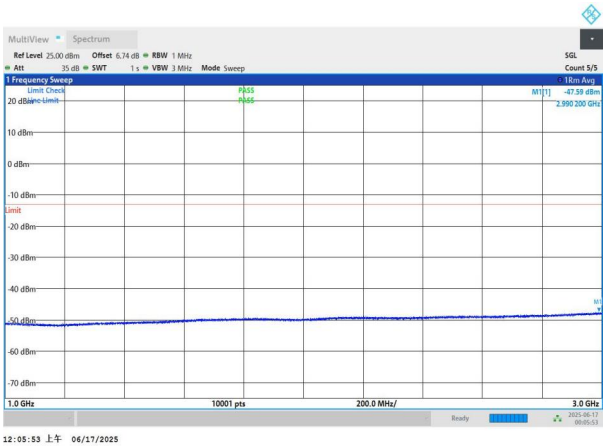
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-0.009-0.15-PASS



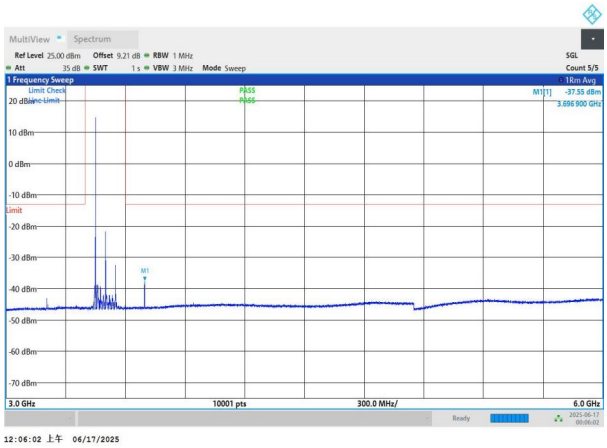

NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-0.15-30-PASS



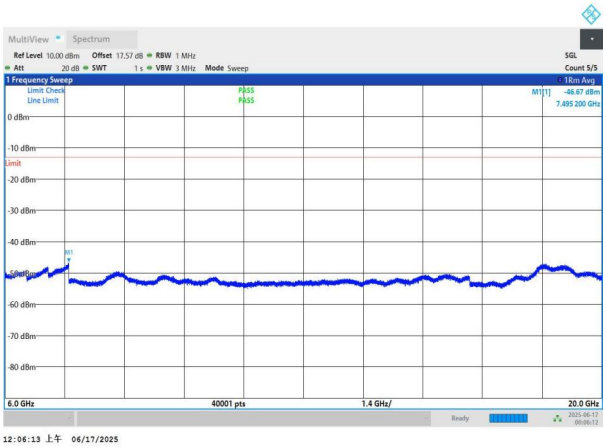

NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-30-1000-PASS



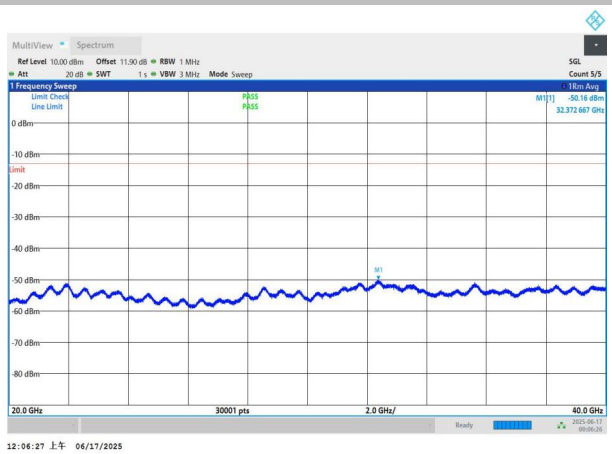

NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-1000-3000-PASS




NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-3000-6000-PASS

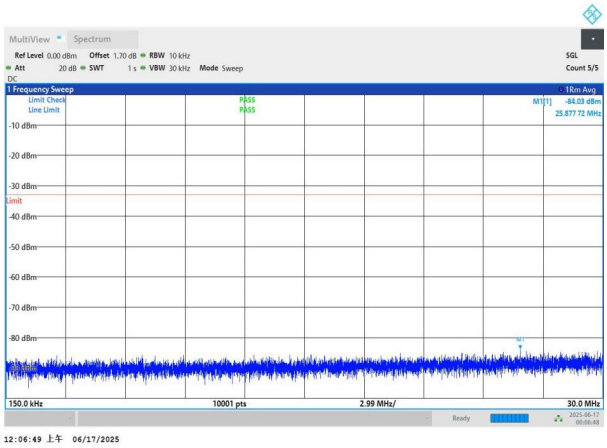



NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-6000-20000-PASS

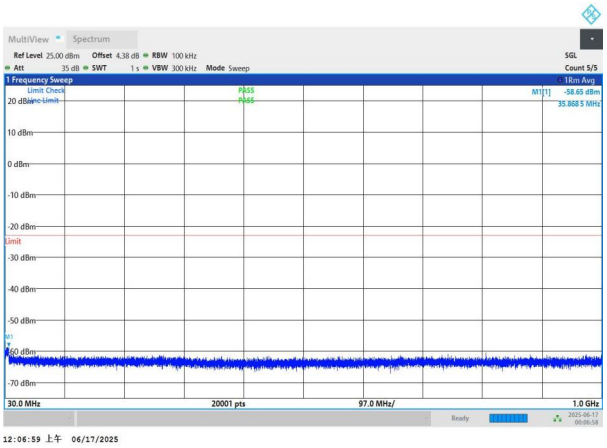



NTNV-n77(3450-3550)-PC3-30-100-H-DFT-BPSK-Edge_1RB_Left-20000-40000-PASS

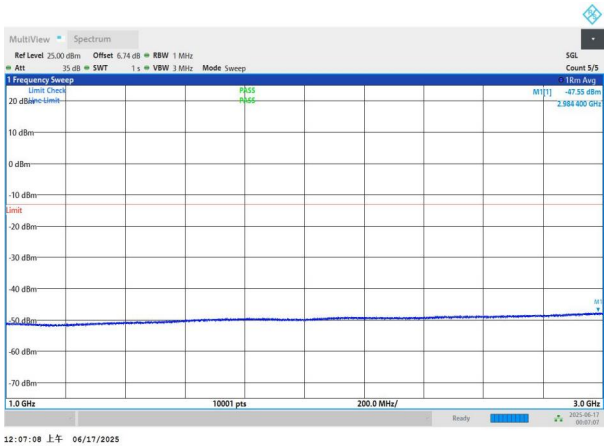
NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Left-0.009-0.15-PASS



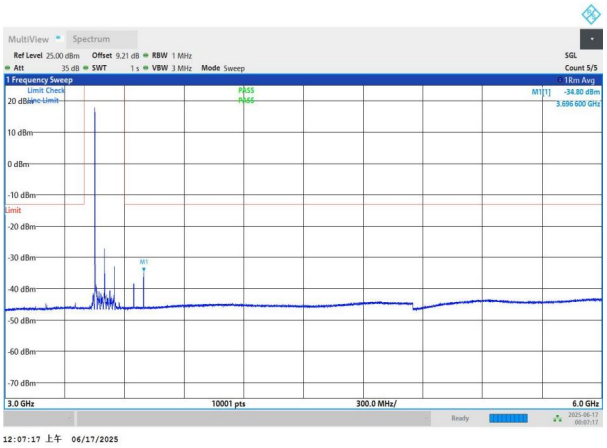

NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Left-0.15-30-PASS



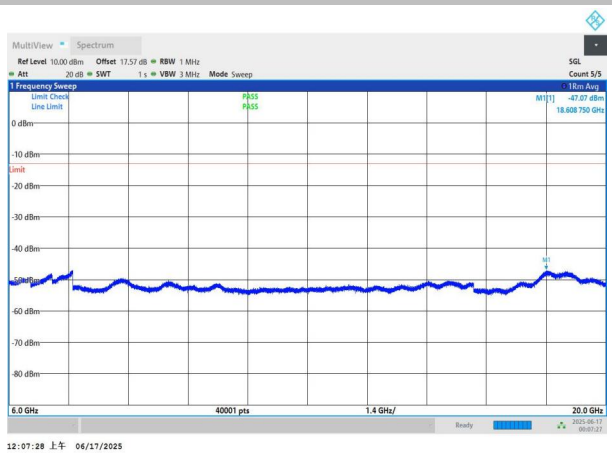

NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Left-30-1000-PASS



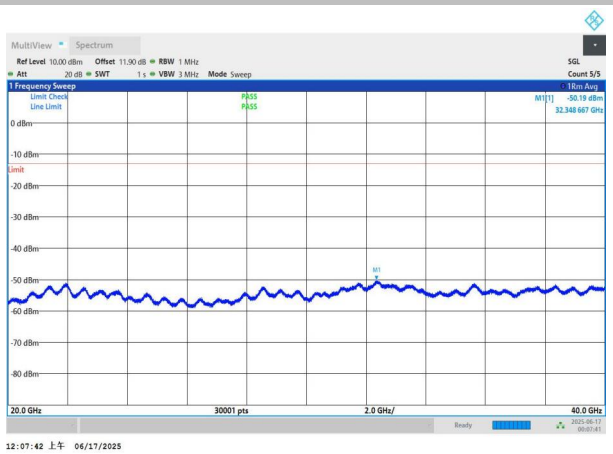

NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Left-1000-3000-PASS




NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Left-3000-6000-PASS




NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Left-6000-20000-PASS




NTNV-n77(3450-3550)-PC3-30-100-H-DFT-QPSK-Edge_1RB_Left-20000-40000-PASS

# Appendix F: Frequency Stability

## Test Result

### Frequency Error VS. Voltage

| Voltage | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|
| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Voltage | Temperature | Deviation (Hz) | Deviation (ppm) | Verdict |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | L | Outer_Full | VL | NT | 16 | 0.004631 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | L | Outer_Full | VN | NT | 10 | 0.002894 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | L | Outer_Full | VH | NT | 13 | 0.003763 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | L | Outer_Full | VL | NT | 6 | 0.001737 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | L | Outer_Full | VN | NT | 18 | 0.00521 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | L | Outer_Full | VH | NT | 12 | 0.003473 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | M | Outer_Full | VL | NT | 10 | 0.002857 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | M | Outer_Full | VN | NT | 16 | 0.004571 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | M | Outer_Full | VH | NT | 9 | 0.002571 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | M | Outer_Full | VL | NT | 13 | 0.003714 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | M | Outer_Full | VN | NT | 13 | 0.003714 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | M | Outer_Full | VH | NT | 7 | 0.002 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | H | Outer_Full | VL | NT | 12 | 0.003385 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | H | Outer_Full | VN | NT | 9 | 0.002539 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-BPSK | H | Outer_Full | VH | NT | 3 | 0.000846 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | H | Outer_Full | VL | NT | 4 | 0.001128 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | H | Outer_Full | VN | NT | 17 | 0.004796 | PASS |
| n77(3450-3550) | 30 | 10 | DFT-QPSK | H | Outer_Full | VH | NT | 3 | 0.000846 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | L | Outer_Full | VL | NT | 1 | 0.000289 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | L | Outer_Full | VN | NT | 13 | 0.00376 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | L | Outer_Full | VH | NT | 17 | 0.004917 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-QPSK | L | Outer_Full | VL | NT | 4 | 0.001157 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-QPSK | L | Outer_Full | VN | NT | 4 | 0.001157 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-QPSK | L | Outer_Full | VH | NT | 17 | 0.004917 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | M | Outer_Full | VL | NT | 9 | 0.002571 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | M | Outer_Full | VN | NT | 9 | 0.002571 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | M | Outer_Full | VH | NT | 3 | 0.000857 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-QPSK | M | Outer_Full | VL | NT | 2 | 0.000571 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-QPSK | M | Outer_Full | VN | NT | 5 | 0.001429 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-QPSK | M | Outer_Full | VH | NT | 17 | 0.004857 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | H | Outer_Full | VL | NT | 12 | 0.003387 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | H | Outer_Full | VN | NT | 5 | 0.001411 | PASS |
| n77(3450-3550) | 30 | 15 | DFT-BPSK | H | Outer_Full | VH | NT | 5 | 0.001411 | PASS |