

| | | | | | | | | |
|-----|----|----|-------------|---|------------|--------|--------|------|
| N66 | 15 | 5 | DFT-QPSK | H | Outer_Full | 4.469 | 4.920 | PASS |
| N66 | 15 | 5 | DFT-16QAM | H | Outer_Full | 4.45 | 4.830 | PASS |
| N66 | 15 | 5 | DFT-64QAM | H | Outer_Full | 4.474 | 4.830 | PASS |
| N66 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.921 | 9.580 | PASS |
| N66 | 15 | 10 | DFT-QPSK | L | Outer_Full | 8.954 | 9.500 | PASS |
| N66 | 15 | 10 | DFT-16QAM | L | Outer_Full | 8.923 | 9.520 | PASS |
| N66 | 15 | 10 | DFT-64QAM | L | Outer_Full | 8.946 | 10.140 | PASS |
| N66 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.954 | 9.640 | PASS |
| N66 | 15 | 10 | DFT-QPSK | M | Outer_Full | 8.952 | 9.920 | PASS |
| N66 | 15 | 10 | DFT-16QAM | M | Outer_Full | 8.946 | 9.620 | PASS |
| N66 | 15 | 10 | DFT-64QAM | M | Outer_Full | 8.958 | 9.620 | PASS |
| N66 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.918 | 9.860 | PASS |
| N66 | 15 | 10 | DFT-QPSK | H | Outer_Full | 8.948 | 9.800 | PASS |
| N66 | 15 | 10 | DFT-16QAM | H | Outer_Full | 8.928 | 9.680 | PASS |
| N66 | 15 | 10 | DFT-64QAM | H | Outer_Full | 8.936 | 9.880 | PASS |
| N66 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.386 | 14.310 | PASS |
| N66 | 15 | 15 | DFT-QPSK | L | Outer_Full | 13.384 | 14.220 | PASS |
| N66 | 15 | 15 | DFT-16QAM | L | Outer_Full | 13.42 | 14.340 | PASS |
| N66 | 15 | 15 | DFT-64QAM | L | Outer_Full | 13.392 | 14.280 | PASS |
| N66 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.402 | 14.430 | PASS |
| N66 | 15 | 15 | DFT-QPSK | M | Outer_Full | 13.45 | 14.550 | PASS |
| N66 | 15 | 15 | DFT-16QAM | M | Outer_Full | 13.44 | 14.370 | PASS |
| N66 | 15 | 15 | DFT-64QAM | M | Outer_Full | 13.402 | 14.370 | PASS |
| N66 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.423 | 14.550 | PASS |
| N66 | 15 | 15 | DFT-QPSK | H | Outer_Full | 13.438 | 14.550 | PASS |
| N66 | 15 | 15 | DFT-16QAM | H | Outer_Full | 13.441 | 14.400 | PASS |
| N66 | 15 | 15 | DFT-64QAM | H | Outer_Full | 13.451 | 14.370 | PASS |
| N66 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.857 | 19.120 | PASS |
| N66 | 15 | 20 | DFT-QPSK | L | Outer_Full | 17.848 | 19.040 | PASS |
| N66 | 15 | 20 | DFT-16QAM | L | Outer_Full | 17.808 | 19.040 | PASS |
| N66 | 15 | 20 | DFT-64QAM | L | Outer_Full | 17.837 | 19.160 | PASS |
| N66 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.878 | 19.160 | PASS |
| N66 | 15 | 20 | DFT-QPSK | M | Outer_Full | 17.844 | 19.120 | PASS |
| N66 | 15 | 20 | DFT-16QAM | M | Outer_Full | 17.861 | 19.080 | PASS |
| N66 | 15 | 20 | DFT-64QAM | M | Outer_Full | 17.875 | 18.960 | PASS |
| N66 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.924 | 19.200 | PASS |
| N66 | 15 | 20 | DFT-QPSK | H | Outer_Full | 17.932 | 19.200 | PASS |
| N66 | 15 | 20 | DFT-16QAM | H | Outer_Full | 17.879 | 19.000 | PASS |
| N66 | 15 | 20 | DFT-64QAM | H | Outer_Full | 17.903 | 19.200 | PASS |
| N66 | 15 | 25 | DFT-PI2BPSK | L | Outer_Full | 22.822 | 24.500 | PASS |
| N66 | 15 | 25 | DFT-QPSK | L | Outer_Full | 22.779 | 24.750 | PASS |
| N66 | 15 | 25 | DFT-16QAM | L | Outer_Full | 22.865 | 24.350 | PASS |
| N66 | 15 | 25 | DFT-64QAM | L | Outer_Full | 22.797 | 24.400 | PASS |

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|-----|----|----|-------------|---|------------|--------|--------|------|
| N66 | 15 | 25 | DFT-PI2BPSK | M | Outer_Full | 22.87 | 24.200 | PASS |
| N66 | 15 | 25 | DFT-QPSK | M | Outer_Full | 22.912 | 24.800 | PASS |
| N66 | 15 | 25 | DFT-16QAM | M | Outer_Full | 22.911 | 25.250 | PASS |
| N66 | 15 | 25 | DFT-64QAM | M | Outer_Full | 22.913 | 24.500 | PASS |
| N66 | 15 | 25 | DFT-PI2BPSK | H | Outer_Full | 22.899 | 24.200 | PASS |
| N66 | 15 | 25 | DFT-QPSK | H | Outer_Full | 22.875 | 24.400 | PASS |
| N66 | 15 | 25 | DFT-16QAM | H | Outer_Full | 22.883 | 24.650 | PASS |
| N66 | 15 | 25 | DFT-64QAM | H | Outer_Full | 22.849 | 24.450 | PASS |
| N66 | 15 | 30 | DFT-PI2BPSK | L | Outer_Full | 28.599 | 30.120 | PASS |
| N66 | 15 | 30 | DFT-QPSK | L | Outer_Full | 28.515 | 29.940 | PASS |
| N66 | 15 | 30 | DFT-16QAM | L | Outer_Full | 28.507 | 29.880 | PASS |
| N66 | 15 | 30 | DFT-64QAM | L | Outer_Full | 28.556 | 29.820 | PASS |
| N66 | 15 | 30 | DFT-PI2BPSK | M | Outer_Full | 28.577 | 29.760 | PASS |
| N66 | 15 | 30 | DFT-QPSK | M | Outer_Full | 28.53 | 30.180 | PASS |
| N66 | 15 | 30 | DFT-16QAM | M | Outer_Full | 28.531 | 30.900 | PASS |
| N66 | 15 | 30 | DFT-64QAM | M | Outer_Full | 28.544 | 30.120 | PASS |
| N66 | 15 | 30 | DFT-PI2BPSK | H | Outer_Full | 28.562 | 30.420 | PASS |
| N66 | 15 | 30 | DFT-QPSK | H | Outer_Full | 28.545 | 29.940 | PASS |
| N66 | 15 | 30 | DFT-16QAM | H | Outer_Full | 28.509 | 30.240 | PASS |
| N66 | 15 | 30 | DFT-64QAM | H | Outer_Full | 28.53 | 30.000 | PASS |
| N66 | 15 | 40 | DFT-PI2BPSK | L | Outer_Full | 38.615 | 40.480 | PASS |
| N66 | 15 | 40 | DFT-QPSK | L | Outer_Full | 38.478 | 40.800 | PASS |
| N66 | 15 | 40 | DFT-16QAM | L | Outer_Full | 38.504 | 40.480 | PASS |
| N66 | 15 | 40 | DFT-64QAM | L | Outer_Full | 38.485 | 43.360 | PASS |
| N66 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | 38.573 | 40.880 | PASS |
| N66 | 15 | 40 | DFT-QPSK | M | Outer_Full | 38.555 | 41.520 | PASS |
| N66 | 15 | 40 | DFT-16QAM | M | Outer_Full | 38.554 | 41.520 | PASS |
| N66 | 15 | 40 | DFT-64QAM | M | Outer_Full | 38.575 | 40.880 | PASS |
| N66 | 15 | 40 | DFT-PI2BPSK | H | Outer_Full | 38.588 | 40.960 | PASS |
| N66 | 15 | 40 | DFT-QPSK | H | Outer_Full | 38.568 | 41.040 | PASS |
| N66 | 15 | 40 | DFT-16QAM | H | Outer_Full | 38.525 | 41.040 | PASS |
| N66 | 15 | 40 | DFT-64QAM | H | Outer_Full | 38.493 | 40.720 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 4.473 | 4.850 | PASS |
| N7 | 15 | 5 | DFT-QPSK | L | Outer_Full | 4.48 | 4.870 | PASS |
| N7 | 15 | 5 | DFT-16QAM | L | Outer_Full | 4.484 | 4.910 | PASS |
| N7 | 15 | 5 | DFT-64QAM | L | Outer_Full | 4.455 | 4.830 | PASS |
| N7 | 15 | 5 | CP-QPSK | L | Outer_Full | 4.463 | 4.860 | PASS |
| N7 | 15 | 5 | CP-16QAM | L | Outer_Full | 4.483 | 4.900 | PASS |
| N7 | 15 | 5 | CP-64QAM | L | Outer_Full | 4.469 | 4.900 | PASS |
| N7 | 15 | 5 | CP-256QAM | L | Outer_Full | 4.468 | 4.820 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 4.476 | 5.030 | PASS |
| N7 | 15 | 5 | DFT-QPSK | M | Outer_Full | 4.485 | 4.880 | PASS |
| N7 | 15 | 5 | DFT-16QAM | M | Outer_Full | 4.485 | 4.900 | PASS |

| | | | | | | | | |
|----|----|----|-------------|---|------------|--------|--------|------|
| N7 | 15 | 5 | DFT-64QAM | M | Outer_Full | 4.454 | 4.850 | PASS |
| N7 | 15 | 5 | CP-QPSK | M | Outer_Full | 4.471 | 4.880 | PASS |
| N7 | 15 | 5 | CP-16QAM | M | Outer_Full | 4.475 | 4.840 | PASS |
| N7 | 15 | 5 | CP-64QAM | M | Outer_Full | 4.467 | 4.890 | PASS |
| N7 | 15 | 5 | CP-256QAM | M | Outer_Full | 4.47 | 4.900 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 4.474 | 5.010 | PASS |
| N7 | 15 | 5 | DFT-QPSK | H | Outer_Full | 4.486 | 4.880 | PASS |
| N7 | 15 | 5 | DFT-16QAM | H | Outer_Full | 4.486 | 4.900 | PASS |
| N7 | 15 | 5 | DFT-64QAM | H | Outer_Full | 4.454 | 4.840 | PASS |
| N7 | 15 | 5 | CP-QPSK | H | Outer_Full | 4.464 | 4.860 | PASS |
| N7 | 15 | 5 | CP-16QAM | H | Outer_Full | 4.473 | 4.870 | PASS |
| N7 | 15 | 5 | CP-64QAM | H | Outer_Full | 4.463 | 4.880 | PASS |
| N7 | 15 | 5 | CP-256QAM | H | Outer_Full | 4.467 | 4.840 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.942 | 9.820 | PASS |
| N7 | 15 | 10 | DFT-QPSK | L | Outer_Full | 8.931 | 9.760 | PASS |
| N7 | 15 | 10 | DFT-16QAM | L | Outer_Full | 8.92 | 9.660 | PASS |
| N7 | 15 | 10 | DFT-64QAM | L | Outer_Full | 8.937 | 9.880 | PASS |
| N7 | 15 | 10 | CP-QPSK | L | Outer_Full | 9.278 | 10.220 | PASS |
| N7 | 15 | 10 | CP-16QAM | L | Outer_Full | 9.29 | 10.280 | PASS |
| N7 | 15 | 10 | CP-64QAM | L | Outer_Full | 9.285 | 9.980 | PASS |
| N7 | 15 | 10 | CP-256QAM | L | Outer_Full | 9.306 | 10.200 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.94 | 9.780 | PASS |
| N7 | 15 | 10 | DFT-QPSK | M | Outer_Full | 8.928 | 9.860 | PASS |
| N7 | 15 | 10 | DFT-16QAM | M | Outer_Full | 8.915 | 9.480 | PASS |
| N7 | 15 | 10 | DFT-64QAM | M | Outer_Full | 8.924 | 9.940 | PASS |
| N7 | 15 | 10 | CP-QPSK | M | Outer_Full | 9.278 | 10.400 | PASS |
| N7 | 15 | 10 | CP-16QAM | M | Outer_Full | 9.291 | 10.380 | PASS |
| N7 | 15 | 10 | CP-64QAM | M | Outer_Full | 9.28 | 10.100 | PASS |
| N7 | 15 | 10 | CP-256QAM | M | Outer_Full | 9.309 | 10.160 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.934 | 9.780 | PASS |
| N7 | 15 | 10 | DFT-QPSK | H | Outer_Full | 8.928 | 9.860 | PASS |
| N7 | 15 | 10 | DFT-16QAM | H | Outer_Full | 8.915 | 9.580 | PASS |
| N7 | 15 | 10 | DFT-64QAM | H | Outer_Full | 8.924 | 9.820 | PASS |
| N7 | 15 | 10 | CP-QPSK | H | Outer_Full | 9.271 | 10.020 | PASS |
| N7 | 15 | 10 | CP-16QAM | H | Outer_Full | 9.283 | 10.260 | PASS |
| N7 | 15 | 10 | CP-64QAM | H | Outer_Full | 9.282 | 10.040 | PASS |
| N7 | 15 | 10 | CP-256QAM | H | Outer_Full | 9.297 | 9.960 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.419 | 14.460 | PASS |
| N7 | 15 | 15 | DFT-QPSK | L | Outer_Full | 13.42 | 14.370 | PASS |
| N7 | 15 | 15 | DFT-16QAM | L | Outer_Full | 13.416 | 14.370 | PASS |
| N7 | 15 | 15 | DFT-64QAM | L | Outer_Full | 13.44 | 14.550 | PASS |
| N7 | 15 | 15 | CP-QPSK | L | Outer_Full | 14.106 | 15.000 | PASS |
| N7 | 15 | 15 | CP-16QAM | L | Outer_Full | 14.11 | 14.970 | PASS |

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|----|----|----|-------------|---|------------|--------|--------|------|
| N7 | 15 | 15 | CP-64QAM | L | Outer_Full | 14.136 | 15.030 | PASS |
| N7 | 15 | 15 | CP-256QAM | L | Outer_Full | 14.113 | 14.970 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.406 | 14.370 | PASS |
| N7 | 15 | 15 | DFT-QPSK | M | Outer_Full | 13.424 | 14.430 | PASS |
| N7 | 15 | 15 | DFT-16QAM | M | Outer_Full | 13.405 | 14.340 | PASS |
| N7 | 15 | 15 | DFT-64QAM | M | Outer_Full | 13.423 | 14.490 | PASS |
| N7 | 15 | 15 | CP-QPSK | M | Outer_Full | 14.097 | 14.940 | PASS |
| N7 | 15 | 15 | CP-16QAM | M | Outer_Full | 14.103 | 15.090 | PASS |
| N7 | 15 | 15 | CP-64QAM | M | Outer_Full | 14.123 | 15.000 | PASS |
| N7 | 15 | 15 | CP-256QAM | M | Outer_Full | 14.093 | 14.970 | PASS |
| N7 | 15 | 15 | DFT-QPSK | H | Outer_Full | 13.417 | 14.400 | PASS |
| N7 | 15 | 15 | DFT-16QAM | H | Outer_Full | 13.403 | 14.310 | PASS |
| N7 | 15 | 15 | DFT-64QAM | H | Outer_Full | 13.436 | 14.520 | PASS |
| N7 | 15 | 15 | CP-QPSK | H | Outer_Full | 14.093 | 14.970 | PASS |
| N7 | 15 | 15 | CP-16QAM | H | Outer_Full | 14.1 | 15.060 | PASS |
| N7 | 15 | 15 | CP-64QAM | H | Outer_Full | 14.115 | 15.030 | PASS |
| N7 | 15 | 15 | CP-256QAM | H | Outer_Full | 14.093 | 15.030 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.861 | 19.120 | PASS |
| N7 | 15 | 20 | DFT-QPSK | L | Outer_Full | 17.885 | 19.160 | PASS |
| N7 | 15 | 20 | DFT-16QAM | L | Outer_Full | 17.864 | 19.160 | PASS |
| N7 | 15 | 20 | DFT-64QAM | L | Outer_Full | 17.96 | 19.200 | PASS |
| N7 | 15 | 20 | CP-QPSK | L | Outer_Full | 18.92 | 20.080 | PASS |
| N7 | 15 | 20 | CP-16QAM | L | Outer_Full | 18.925 | 19.960 | PASS |
| N7 | 15 | 20 | CP-64QAM | L | Outer_Full | 18.979 | 21.280 | PASS |
| N7 | 15 | 20 | CP-256QAM | L | Outer_Full | 18.918 | 20.120 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.841 | 19.080 | PASS |
| N7 | 15 | 20 | DFT-QPSK | M | Outer_Full | 17.861 | 19.120 | PASS |
| N7 | 15 | 20 | DFT-16QAM | M | Outer_Full | 17.852 | 19.240 | PASS |
| N7 | 15 | 20 | DFT-64QAM | M | Outer_Full | 17.92 | 19.240 | PASS |
| N7 | 15 | 20 | CP-QPSK | M | Outer_Full | 18.916 | 20.480 | PASS |
| N7 | 15 | 20 | CP-16QAM | M | Outer_Full | 18.906 | 20.000 | PASS |
| N7 | 15 | 20 | CP-64QAM | M | Outer_Full | 18.92 | 20.520 | PASS |
| N7 | 15 | 20 | CP-256QAM | M | Outer_Full | 18.906 | 20.000 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.857 | 19.120 | PASS |
| N7 | 15 | 20 | DFT-QPSK | H | Outer_Full | 17.875 | 19.040 | PASS |
| N7 | 15 | 20 | DFT-16QAM | H | Outer_Full | 17.844 | 19.200 | PASS |
| N7 | 15 | 20 | DFT-64QAM | H | Outer_Full | 17.928 | 19.120 | PASS |
| N7 | 15 | 20 | CP-QPSK | H | Outer_Full | 18.904 | 20.240 | PASS |
| N7 | 15 | 20 | CP-16QAM | H | Outer_Full | 18.894 | 19.960 | PASS |
| N7 | 15 | 20 | CP-64QAM | H | Outer_Full | 18.944 | 20.360 | PASS |
| N7 | 15 | 20 | CP-256QAM | H | Outer_Full | 18.904 | 20.040 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | L | Outer_Full | 22.904 | 24.600 | PASS |
| N7 | 15 | 25 | DFT-QPSK | L | Outer_Full | 22.85 | 25.300 | PASS |

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|----|----|----|-------------|---|------------|--------|--------|------|
| N7 | 15 | 25 | DFT-16QAM | L | Outer_Full | 22.937 | 25.000 | PASS |
| N7 | 15 | 25 | DFT-64QAM | L | Outer_Full | 22.89 | 25.800 | PASS |
| N7 | 15 | 25 | CP-QPSK | L | Outer_Full | 23.77 | 25.450 | PASS |
| N7 | 15 | 25 | CP-16QAM | L | Outer_Full | 23.771 | 25.350 | PASS |
| N7 | 15 | 25 | CP-64QAM | L | Outer_Full | 23.834 | 25.950 | PASS |
| N7 | 15 | 25 | CP-256QAM | L | Outer_Full | 23.719 | 25.500 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | M | Outer_Full | 22.869 | 24.700 | PASS |
| N7 | 15 | 25 | DFT-QPSK | M | Outer_Full | 22.811 | 25.300 | PASS |
| N7 | 15 | 25 | DFT-16QAM | M | Outer_Full | 22.896 | 24.500 | PASS |
| N7 | 15 | 25 | DFT-64QAM | M | Outer_Full | 22.848 | 25.850 | PASS |
| N7 | 15 | 25 | CP-QPSK | M | Outer_Full | 23.739 | 25.700 | PASS |
| N7 | 15 | 25 | CP-16QAM | M | Outer_Full | 23.761 | 25.400 | PASS |
| N7 | 15 | 25 | CP-64QAM | M | Outer_Full | 23.736 | 26.000 | PASS |
| N7 | 15 | 25 | CP-256QAM | M | Outer_Full | 23.69 | 25.400 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | H | Outer_Full | 22.892 | 24.650 | PASS |
| N7 | 15 | 25 | DFT-QPSK | H | Outer_Full | 22.837 | 25.600 | PASS |
| N7 | 15 | 25 | DFT-16QAM | H | Outer_Full | 22.918 | 24.850 | PASS |
| N7 | 15 | 25 | DFT-64QAM | H | Outer_Full | 22.866 | 25.500 | PASS |
| N7 | 15 | 25 | CP-QPSK | H | Outer_Full | 23.755 | 25.550 | PASS |
| N7 | 15 | 25 | CP-16QAM | H | Outer_Full | 23.744 | 25.350 | PASS |
| N7 | 15 | 25 | CP-64QAM | H | Outer_Full | 23.745 | 25.900 | PASS |
| N7 | 15 | 25 | CP-256QAM | H | Outer_Full | 23.757 | 25.450 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | L | Outer_Full | 28.52 | 30.420 | PASS |
| N7 | 15 | 30 | DFT-QPSK | L | Outer_Full | 28.548 | 30.120 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.408 | 14.430 | PASS |
| N7 | 15 | 30 | DFT-16QAM | L | Outer_Full | 28.541 | 30.120 | PASS |
| N7 | 15 | 30 | DFT-64QAM | L | Outer_Full | 28.609 | 30.060 | PASS |
| N7 | 15 | 30 | CP-QPSK | L | Outer_Full | 28.486 | 29.820 | PASS |
| N7 | 15 | 30 | CP-16QAM | L | Outer_Full | 28.526 | 30.000 | PASS |
| N7 | 15 | 30 | CP-64QAM | L | Outer_Full | 28.589 | 29.880 | PASS |
| N7 | 15 | 30 | CP-256QAM | L | Outer_Full | 28.523 | 29.880 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | M | Outer_Full | 28.477 | 30.240 | PASS |
| N7 | 15 | 30 | DFT-QPSK | M | Outer_Full | 28.552 | 30.000 | PASS |
| N7 | 15 | 30 | DFT-16QAM | M | Outer_Full | 28.556 | 30.060 | PASS |
| N7 | 15 | 30 | DFT-64QAM | M | Outer_Full | 28.608 | 30.000 | PASS |
| N7 | 15 | 30 | CP-QPSK | M | Outer_Full | 28.484 | 29.880 | PASS |
| N7 | 15 | 30 | CP-16QAM | M | Outer_Full | 28.488 | 29.880 | PASS |
| N7 | 15 | 30 | CP-64QAM | M | Outer_Full | 28.485 | 29.940 | PASS |
| N7 | 15 | 30 | CP-256QAM | M | Outer_Full | 28.573 | 29.880 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | H | Outer_Full | 28.512 | 30.300 | PASS |
| N7 | 15 | 30 | DFT-QPSK | H | Outer_Full | 28.552 | 30.180 | PASS |
| N7 | 15 | 30 | DFT-16QAM | H | Outer_Full | 28.545 | 30.120 | PASS |
| N7 | 15 | 30 | DFT-64QAM | H | Outer_Full | 28.615 | 29.940 | PASS |

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|-----|----|----|-------------|---|------------|--------|--------|------|
| N7 | 15 | 30 | CP-QPSK | H | Outer_Full | 28.503 | 29.940 | PASS |
| N7 | 15 | 30 | CP-16QAM | H | Outer_Full | 28.498 | 29.940 | PASS |
| N7 | 15 | 30 | CP-64QAM | H | Outer_Full | 28.502 | 30.060 | PASS |
| N7 | 15 | 30 | CP-256QAM | H | Outer_Full | 28.54 | 29.880 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | L | Outer_Full | 38.516 | 40.640 | PASS |
| N7 | 15 | 40 | DFT-QPSK | L | Outer_Full | 38.596 | 41.280 | PASS |
| N7 | 15 | 40 | DFT-16QAM | L | Outer_Full | 38.597 | 41.600 | PASS |
| N7 | 15 | 40 | DFT-64QAM | L | Outer_Full | 38.442 | 41.120 | PASS |
| N7 | 15 | 40 | CP-QPSK | L | Outer_Full | 38.497 | 42.480 | PASS |
| N7 | 15 | 40 | CP-16QAM | L | Outer_Full | 38.485 | 42.400 | PASS |
| N7 | 15 | 40 | CP-64QAM | L | Outer_Full | 38.487 | 42.160 | PASS |
| N7 | 15 | 40 | CP-256QAM | L | Outer_Full | 38.512 | 41.040 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | 38.597 | 41.040 | PASS |
| N7 | 15 | 40 | DFT-QPSK | M | Outer_Full | 38.622 | 41.280 | PASS |
| N7 | 15 | 40 | DFT-16QAM | M | Outer_Full | 38.607 | 41.360 | PASS |
| N7 | 15 | 40 | DFT-64QAM | M | Outer_Full | 38.537 | 41.920 | PASS |
| N7 | 15 | 40 | CP-QPSK | M | Outer_Full | 38.566 | 41.920 | PASS |
| N7 | 15 | 40 | CP-16QAM | M | Outer_Full | 38.556 | 41.920 | PASS |
| N7 | 15 | 40 | CP-64QAM | M | Outer_Full | 38.575 | 42.160 | PASS |
| N7 | 15 | 40 | CP-256QAM | M | Outer_Full | 38.573 | 41.120 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | H | Outer_Full | 38.635 | 40.880 | PASS |
| N7 | 15 | 40 | DFT-QPSK | H | Outer_Full | 38.662 | 41.680 | PASS |
| N7 | 15 | 40 | DFT-16QAM | H | Outer_Full | 38.679 | 41.760 | PASS |
| N7 | 15 | 40 | DFT-64QAM | H | Outer_Full | 38.624 | 41.920 | PASS |
| N7 | 15 | 40 | CP-QPSK | H | Outer_Full | 38.544 | 42.480 | PASS |
| N7 | 15 | 40 | CP-16QAM | H | Outer_Full | 38.537 | 42.800 | PASS |
| N7 | 15 | 40 | CP-64QAM | H | Outer_Full | 38.533 | 42.800 | PASS |
| N7 | 15 | 40 | CP-256QAM | H | Outer_Full | 38.592 | 41.520 | PASS |
| N71 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 4.473 | 4.910 | PASS |
| N71 | 15 | 5 | DFT-QPSK | L | Outer_Full | 4.456 | 4.860 | PASS |
| N71 | 15 | 5 | DFT-16QAM | L | Outer_Full | 4.473 | 4.960 | PASS |
| N71 | 15 | 5 | DFT-64QAM | L | Outer_Full | 4.461 | 4.790 | PASS |
| N71 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 4.482 | 4.830 | PASS |
| N71 | 15 | 5 | DFT-QPSK | M | Outer_Full | 4.461 | 4.880 | PASS |
| N71 | 15 | 5 | DFT-16QAM | M | Outer_Full | 4.469 | 4.940 | PASS |
| N71 | 15 | 5 | DFT-64QAM | M | Outer_Full | 4.473 | 4.890 | PASS |
| N71 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 4.381 | 4.730 | PASS |
| N71 | 15 | 5 | DFT-QPSK | H | Outer_Full | 4.466 | 4.940 | PASS |
| N71 | 15 | 5 | DFT-16QAM | H | Outer_Full | 4.461 | 4.850 | PASS |
| N71 | 15 | 5 | DFT-64QAM | H | Outer_Full | 4.467 | 4.850 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.909 | 9.540 | PASS |
| N71 | 15 | 10 | DFT-QPSK | L | Outer_Full | 8.915 | 9.540 | PASS |
| N71 | 15 | 10 | DFT-16QAM | L | Outer_Full | 8.949 | 9.860 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N71 | 15 | 10 | DFT-64QAM | L | Outer_Full | 8.939 | 9.700 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.908 | 9.600 | PASS |
| N71 | 15 | 10 | DFT-QPSK | M | Outer_Full | 8.95 | 10.080 | PASS |
| N71 | 15 | 10 | DFT-16QAM | M | Outer_Full | 8.92 | 9.680 | PASS |
| N71 | 15 | 10 | DFT-64QAM | M | Outer_Full | 8.932 | 9.600 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.937 | 9.580 | PASS |
| N71 | 15 | 10 | DFT-QPSK | H | Outer_Full | 8.937 | 9.640 | PASS |
| N71 | 15 | 10 | DFT-16QAM | H | Outer_Full | 8.956 | 10.000 | PASS |
| N71 | 15 | 10 | DFT-64QAM | H | Outer_Full | 8.951 | 9.620 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.381 | 14.250 | PASS |
| N71 | 15 | 15 | DFT-QPSK | L | Outer_Full | 13.384 | 14.310 | PASS |
| N71 | 15 | 15 | DFT-16QAM | L | Outer_Full | 13.41 | 14.430 | PASS |
| N71 | 15 | 15 | DFT-64QAM | L | Outer_Full | 13.419 | 14.670 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.438 | 14.610 | PASS |
| N71 | 15 | 15 | DFT-QPSK | M | Outer_Full | 13.441 | 14.490 | PASS |
| N71 | 15 | 15 | DFT-16QAM | M | Outer_Full | 13.391 | 14.310 | PASS |
| N71 | 15 | 15 | DFT-64QAM | M | Outer_Full | 13.402 | 14.370 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.394 | 14.280 | PASS |
| N71 | 15 | 15 | DFT-QPSK | H | Outer_Full | 13.394 | 14.430 | PASS |
| N71 | 15 | 15 | DFT-16QAM | H | Outer_Full | 13.413 | 14.550 | PASS |
| N71 | 15 | 15 | DFT-64QAM | H | Outer_Full | 13.413 | 14.310 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.851 | 19.080 | PASS |
| N71 | 15 | 20 | DFT-QPSK | L | Outer_Full | 17.821 | 19.080 | PASS |
| N71 | 15 | 20 | DFT-16QAM | L | Outer_Full | 17.796 | 19.000 | PASS |
| N71 | 15 | 20 | DFT-64QAM | L | Outer_Full | 17.852 | 19.040 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.836 | 19.040 | PASS |
| N71 | 15 | 20 | DFT-QPSK | M | Outer_Full | 17.867 | 19.160 | PASS |
| N71 | 15 | 20 | DFT-16QAM | M | Outer_Full | 17.854 | 19.160 | PASS |
| N71 | 15 | 20 | DFT-64QAM | M | Outer_Full | 17.834 | 19.160 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.83 | 19.080 | PASS |
| N71 | 15 | 20 | DFT-QPSK | H | Outer_Full | 17.83 | 19.000 | PASS |
| N71 | 15 | 20 | DFT-16QAM | H | Outer_Full | 17.834 | 19.320 | PASS |
| N71 | 15 | 20 | DFT-64QAM | H | Outer_Full | 17.853 | 18.960 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.599 | 9.460 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK | L | Outer_Full | 8.615 | 9.460 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM | L | Outer_Full | 8.552 | 9.400 | PASS |
| N77- | 30 | 10 | DFT-64QAM | L | Outer_Full | 8.591 | 9.400 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3450-3550 | | | | | | | | |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.582 | 9.400 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK | M | Outer_Full | 8.588 | 9.400 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM | M | Outer_Full | 8.596 | 9.400 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM | M | Outer_Full | 8.589 | 9.620 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.611 | 9.540 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-QPSK | H | Outer_Full | 8.573 | 9.340 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-16QAM | H | Outer_Full | 8.582 | 9.420 | PASS |
| N77-3450-3550 | 30 | 10 | DFT-64QAM | H | Outer_Full | 8.553 | 9.280 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | L | Outer_Full | 12.87 | 14.310 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK | L | Outer_Full | 12.942 | 14.160 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM | L | Outer_Full | 12.914 | 14.940 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM | L | Outer_Full | 12.901 | 14.220 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | M | Outer_Full | 12.868 | 14.010 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK | M | Outer_Full | 12.86 | 14.130 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3450-3550 | 30 | 15 | DFT-16QAM | M | Outer_Full | 12.881 | 14.340 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM | M | Outer_Full | 12.88 | 14.040 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-PI2BPSK | H | Outer_Full | 12.929 | 14.130 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-QPSK | H | Outer_Full | 12.86 | 14.160 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-16QAM | H | Outer_Full | 12.865 | 14.130 | PASS |
| N77-3450-3550 | 30 | 15 | DFT-64QAM | H | Outer_Full | 12.919 | 14.250 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.886 | 19.120 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK | L | Outer_Full | 17.876 | 19.040 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM | L | Outer_Full | 17.832 | 19.080 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM | L | Outer_Full | 17.859 | 19.120 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.818 | 19.040 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-QPSK | M | Outer_Full | 17.837 | 19.200 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM | M | Outer_Full | 17.8 | 19.160 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM | M | Outer_Full | 17.837 | 19.400 | PASS |
| N77-3450- | 30 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.885 | 19.040 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3550 | | | | | | | | |
| N77-3450-3550 | 30 | 20 | DFT-QPSK | H | Outer_Full | 17.831 | 19.120 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-16QAM | H | Outer_Full | 17.832 | 19.040 | PASS |
| N77-3450-3550 | 30 | 20 | DFT-64QAM | H | Outer_Full | 17.844 | 19.280 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-PI2BPSK | L | Outer_Full | 22.909 | 24.400 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-QPSK | L | Outer_Full | 22.846 | 24.400 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-16QAM | L | Outer_Full | 22.829 | 24.400 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-64QAM | L | Outer_Full | 22.851 | 24.500 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-PI2BPSK | M | Outer_Full | 22.852 | 24.650 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-QPSK | M | Outer_Full | 22.858 | 24.450 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-16QAM | M | Outer_Full | 22.876 | 24.550 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-64QAM | M | Outer_Full | 22.836 | 24.450 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-PI2BPSK | H | Outer_Full | 22.872 | 24.450 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-QPSK | H | Outer_Full | 22.913 | 24.600 | PASS |
| N77-3450-3550 | 30 | 25 | DFT-16QAM | H | Outer_Full | 22.918 | 24.450 | PASS |
| N77- | 30 | 25 | DFT-64QAM | H | Outer_Full | 22.875 | 24.600 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3450-3550 | | | | | | | | |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | L | Outer_Full | 26.796 | 28.560 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK | L | Outer_Full | 26.809 | 28.680 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM | L | Outer_Full | 26.785 | 28.380 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM | L | Outer_Full | 26.804 | 28.440 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | M | Outer_Full | 26.819 | 28.560 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK | M | Outer_Full | 26.797 | 28.800 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM | M | Outer_Full | 26.822 | 28.740 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM | M | Outer_Full | 26.748 | 28.500 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-PI2BPSK | H | Outer_Full | 26.862 | 28.800 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-QPSK | H | Outer_Full | 26.815 | 28.860 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-16QAM | H | Outer_Full | 26.841 | 28.800 | PASS |
| N77-3450-3550 | 30 | 30 | DFT-64QAM | H | Outer_Full | 26.777 | 28.740 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full | 35.727 | 38.080 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK | L | Outer_Full | 35.735 | 37.840 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3450-3550 | 30 | 40 | DFT-16QAM | L | Outer_Full | 35.669 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM | L | Outer_Full | 35.753 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full | 35.718 | 37.920 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK | M | Outer_Full | 35.814 | 38.080 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM | M | Outer_Full | 35.582 | 37.920 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM | M | Outer_Full | 35.719 | 38.000 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full | 35.75 | 38.400 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-QPSK | H | Outer_Full | 35.694 | 37.920 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-16QAM | H | Outer_Full | 35.854 | 38.160 | PASS |
| N77-3450-3550 | 30 | 40 | DFT-64QAM | H | Outer_Full | 35.759 | 38.160 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full | 45.667 | 48.100 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK | L | Outer_Full | 45.684 | 48.500 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM | L | Outer_Full | 45.643 | 48.400 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM | L | Outer_Full | 45.729 | 48.500 | PASS |
| N77-3450- | 30 | 50 | DFT-PI2BPSK | M | Outer_Full | 45.781 | 48.400 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3550 | | | | | | | | |
| N77-3450-3550 | 30 | 50 | DFT-QPSK | M | Outer_Full | 45.765 | 48.900 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM | M | Outer_Full | 45.668 | 48.800 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM | M | Outer_Full | 45.666 | 48.300 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full | 45.714 | 48.400 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-QPSK | H | Outer_Full | 45.673 | 48.400 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-16QAM | H | Outer_Full | 45.588 | 48.500 | PASS |
| N77-3450-3550 | 30 | 50 | DFT-64QAM | H | Outer_Full | 45.677 | 48.300 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full | 57.707 | 60.840 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK | L | Outer_Full | 57.802 | 60.120 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM | L | Outer_Full | 57.616 | 60.240 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM | L | Outer_Full | 57.692 | 60.000 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full | 57.643 | 60.120 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK | M | Outer_Full | 57.73 | 60.120 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM | M | Outer_Full | 57.811 | 60.240 | PASS |
| N77- | 30 | 60 | DFT-64QAM | M | Outer_Full | 57.752 | 60.240 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3450-3550 | | | | | | | | |
| N77-3450-3550 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full | 57.721 | 60.120 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-QPSK | H | Outer_Full | 57.733 | 60.120 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-16QAM | H | Outer_Full | 57.746 | 60.240 | PASS |
| N77-3450-3550 | 30 | 60 | DFT-64QAM | H | Outer_Full | 57.697 | 60.240 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | L | Outer_Full | 64.285 | 67.480 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK | L | Outer_Full | 64.235 | 68.880 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM | L | Outer_Full | 64.164 | 67.200 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM | L | Outer_Full | 64.067 | 67.620 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | M | Outer_Full | 64.218 | 67.060 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK | M | Outer_Full | 64.234 | 67.200 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-16QAM | M | Outer_Full | 64.276 | 67.340 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM | M | Outer_Full | 64.134 | 67.200 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-PI2BPSK | H | Outer_Full | 64.15 | 67.340 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-QPSK | H | Outer_Full | 64.129 | 67.060 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3450-3550 | 30 | 70 | DFT-16QAM | H | Outer_Full | 64.231 | 67.200 | PASS |
| N77-3450-3550 | 30 | 70 | DFT-64QAM | H | Outer_Full | 64.155 | 66.780 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full | 77.033 | 80.640 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK | L | Outer_Full | 76.896 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM | L | Outer_Full | 76.771 | 80.160 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM | L | Outer_Full | 76.861 | 80.640 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full | 77.235 | 80.960 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK | M | Outer_Full | 77.146 | 80.640 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM | M | Outer_Full | 77.078 | 80.480 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM | M | Outer_Full | 77.027 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-PI2BPSK | H | Outer_Full | 77.189 | 81.120 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-QPSK | H | Outer_Full | 76.951 | 80.800 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-16QAM | H | Outer_Full | 77.011 | 79.840 | PASS |
| N77-3450-3550 | 30 | 80 | DFT-64QAM | H | Outer_Full | 76.911 | 80.480 | PASS |
| N77-3450- | 30 | 90 | DFT-PI2BPSK | L | Outer_Full | 86.463 | 90.720 | PASS |

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|---------------|----|-----|-------------|---|------------|--------|---------|------|
| 3550 | | | | | | | | |
| N77-3450-3550 | 30 | 90 | DFT-QPSK | L | Outer_Full | 86.45 | 90.540 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM | L | Outer_Full | 86.214 | 90.180 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM | L | Outer_Full | 86.61 | 90.540 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | M | Outer_Full | 86.678 | 90.180 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK | M | Outer_Full | 86.527 | 89.460 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM | M | Outer_Full | 86.513 | 90.720 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM | M | Outer_Full | 86.459 | 90.540 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-PI2BPSK | H | Outer_Full | 86.31 | 90.000 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-QPSK | H | Outer_Full | 86.494 | 90.180 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-16QAM | H | Outer_Full | 86.65 | 90.360 | PASS |
| N77-3450-3550 | 30 | 90 | DFT-64QAM | H | Outer_Full | 86.395 | 90.540 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full | 95.961 | 100.600 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-QPSK | M | Outer_Full | 95.807 | 101.200 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-16QAM | M | Outer_Full | 96.141 | 100.000 | PASS |
| N77-3450-3550 | 30 | 100 | DFT-64QAM | M | Outer_Full | 95.971 | 100.400 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3450-3550 | | | | | | | | |
| N77-3700-3980 | 30 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.592 | 9.380 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-QPSK | L | Outer_Full | 8.603 | 9.500 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-16QAM | L | Outer_Full | 8.595 | 9.440 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-64QAM | L | Outer_Full | 8.595 | 9.380 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.583 | 9.420 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-16QAM | M | Outer_Full | 8.595 | 9.420 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-64QAM | M | Outer_Full | 8.58 | 9.320 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.564 | 9.120 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-QPSK | H | Outer_Full | 8.607 | 9.440 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-16QAM | H | Outer_Full | 8.601 | 9.380 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-64QAM | H | Outer_Full | 8.593 | 9.280 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK | L | Outer_Full | 12.878 | 14.100 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM | L | Outer_Full | 12.876 | 14.070 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM | L | Outer_Full | 12.88 | 13.980 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | M | Outer_Full | 12.902 | 14.190 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-QPSK | M | Outer_Full | 12.89 | 14.100 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM | M | Outer_Full | 12.92 | 14.400 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM | M | Outer_Full | 12.906 | 14.280 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-PI2BPSK | H | Outer_Full | 12.795 | 14.130 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-16QAM | H | Outer_Full | 12.88 | 14.190 | PASS |
| N77-3700-3980 | 30 | 15 | DFT-64QAM | H | Outer_Full | 12.86 | 14.040 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.835 | 19.040 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM | L | Outer_Full | 17.882 | 19.240 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM | L | Outer_Full | 17.851 | 19.120 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.872 | 19.280 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM | M | Outer_Full | 17.881 | 19.280 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM | M | Outer_Full | 17.853 | 19.160 | PASS |
| N77-3700-3980 | 30 | 10 | DFT-QPSK | M | Outer_Full | 8.602 | 9.460 | PASS |
| N77-3700- | 30 | 15 | DFT-PI2BPSK | L | Outer_Full | 12.838 | 13.950 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3980 | | | | | | | | |
| N77-3700-3980 | 30 | 15 | DFT-QPSK | H | Outer_Full | 12.888 | 14.070 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK | M | Outer_Full | 17.865 | 19.120 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK | H | Outer_Full | 17.85 | 19.040 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-16QAM | H | Outer_Full | 17.836 | 19.080 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-64QAM | H | Outer_Full | 17.816 | 19.080 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-PI2BPSK | L | Outer_Full | 22.888 | 24.300 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-16QAM | L | Outer_Full | 22.921 | 24.250 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-256QAM | L | Outer_Full | 22.832 | 24.400 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-PI2BPSK | M | Outer_Full | 22.927 | 24.550 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-QPSK | M | Outer_Full | 22.852 | 24.400 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-16QAM | M | Outer_Full | 22.645 | 23.700 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-64QAM | M | Outer_Full | 22.855 | 24.500 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-PI2BPSK | H | Outer_Full | 22.886 | 24.400 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-QPSK | H | Outer_Full | 22.869 | 24.350 | PASS |
| N77- | 30 | 25 | DFT-16QAM | H | Outer_Full | 22.916 | 24.450 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3700-3980 | | | | | | | | |
| N77-3700-3980 | 30 | 25 | DFT-64QAM | H | Outer_Full | 22.934 | 24.550 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-QPSK | L | Outer_Full | 26.826 | 28.500 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-16QAM | L | Outer_Full | 26.753 | 28.800 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-64QAM | L | Outer_Full | 26.78 | 28.920 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-QPSK | M | Outer_Full | 26.8 | 28.800 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-16QAM | M | Outer_Full | 26.832 | 28.560 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-64QAM | M | Outer_Full | 26.799 | 28.740 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-PI2BPSK | H | Outer_Full | 26.815 | 28.620 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-QPSK | H | Outer_Full | 26.839 | 28.800 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-16QAM | H | Outer_Full | 26.775 | 28.560 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-64QAM | H | Outer_Full | 26.841 | 28.860 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.837 | 19.160 | PASS |
| N77-3700-3980 | 30 | 25 | DFT-QPSK | L | Outer_Full | 22.929 | 24.500 | PASS |
| N77-3700-3980 | 30 | 30 | DFT-PI2BPSK | L | Outer_Full | 26.845 | 28.980 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 30 | DFT-PI2BPSK | M | Outer_Full | 26.855 | 28.740 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full | 35.813 | 38.240 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK | L | Outer_Full | 35.688 | 37.920 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM | L | Outer_Full | 35.699 | 38.080 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM | L | Outer_Full | 35.737 | 38.240 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full | 35.844 | 38.000 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK | M | Outer_Full | 35.818 | 38.320 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM | M | Outer_Full | 35.782 | 38.400 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM | M | Outer_Full | 35.745 | 37.920 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full | 35.694 | 38.080 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-QPSK | H | Outer_Full | 35.847 | 38.080 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-16QAM | H | Outer_Full | 35.78 | 38.240 | PASS |
| N77-3700-3980 | 30 | 40 | DFT-64QAM | H | Outer_Full | 35.776 | 38.160 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | L | Outer_Full | 45.591 | 48.300 | PASS |
| N77-3700- | 30 | 50 | DFT-QPSK | L | Outer_Full | 45.871 | 48.500 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3980 | | | | | | | | |
| N77-3700-3980 | 30 | 50 | DFT-16QAM | L | Outer_Full | 45.777 | 48.800 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM | L | Outer_Full | 45.794 | 48.400 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full | 45.825 | 48.200 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK | M | Outer_Full | 45.785 | 48.600 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM | M | Outer_Full | 45.662 | 48.300 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM | M | Outer_Full | 45.823 | 48.500 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-PI2BPSK | H | Outer_Full | 45.653 | 48.200 | PASS |
| N77-3700-3980 | 30 | 20 | DFT-QPSK | L | Outer_Full | 17.844 | 19.120 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-QPSK | H | Outer_Full | 45.644 | 48.100 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-16QAM | H | Outer_Full | 45.618 | 48.200 | PASS |
| N77-3700-3980 | 30 | 50 | DFT-64QAM | H | Outer_Full | 45.255 | 47.200 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | L | Outer_Full | 57.761 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK | L | Outer_Full | 57.838 | 60.360 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM | L | Outer_Full | 57.805 | 60.120 | PASS |
| N77- | 30 | 60 | DFT-64QAM | L | Outer_Full | 57.979 | 60.360 | PASS |

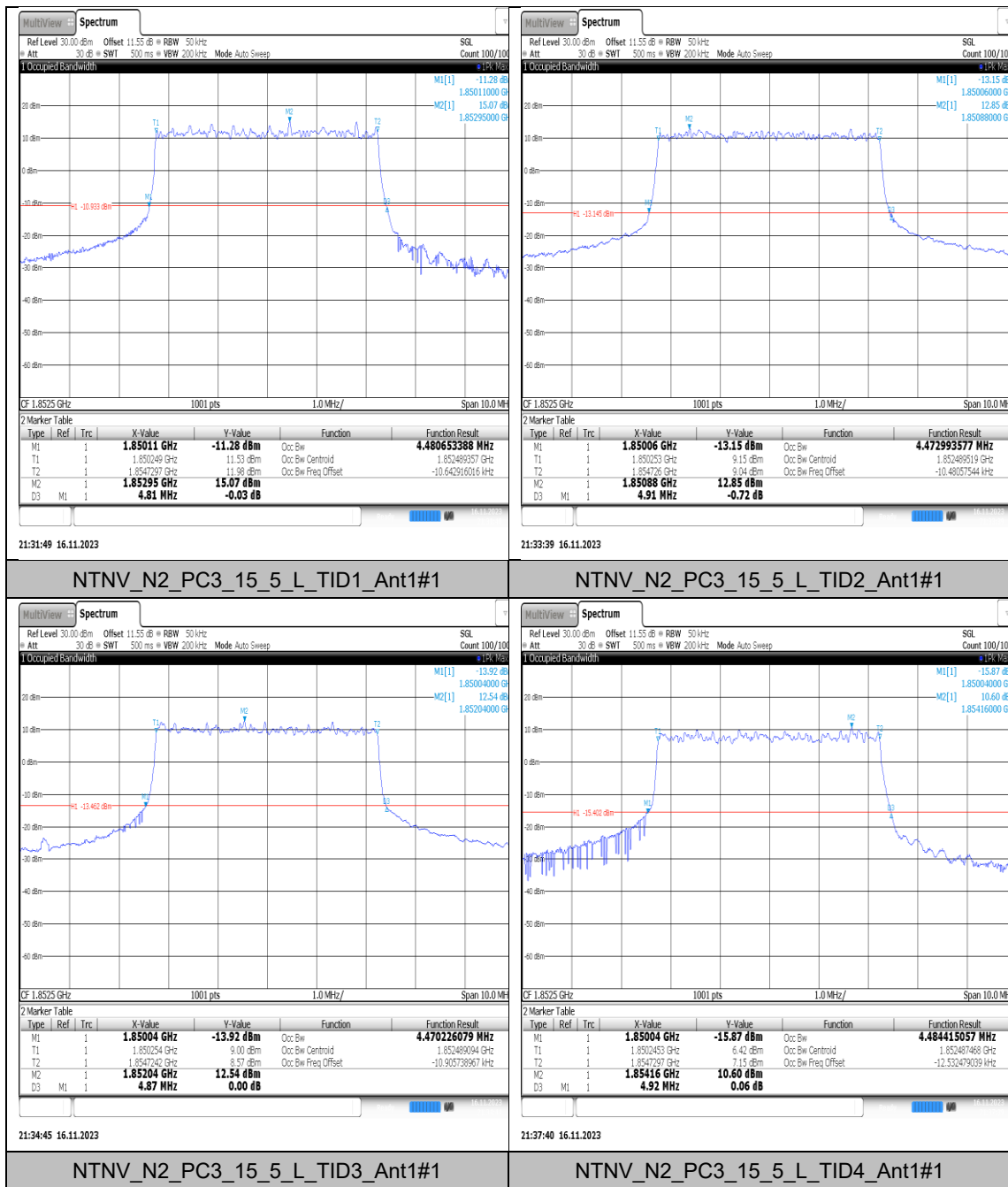
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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3700-3980 | | | | | | | | |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full | 57.723 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK | M | Outer_Full | 57.919 | 60.000 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM | M | Outer_Full | 56.203 | 59.640 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM | M | Outer_Full | 57.807 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-PI2BPSK | H | Outer_Full | 57.785 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-QPSK | H | Outer_Full | 56.949 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-16QAM | H | Outer_Full | 57.161 | 60.120 | PASS |
| N77-3700-3980 | 30 | 60 | DFT-64QAM | H | Outer_Full | 57.984 | 60.000 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | L | Outer_Full | 64.293 | 67.480 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK | L | Outer_Full | 64.288 | 67.200 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM | L | Outer_Full | 64.254 | 67.200 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM | L | Outer_Full | 64.241 | 67.340 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | M | Outer_Full | 64.293 | 68.180 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK | M | Outer_Full | 64.338 | 67.760 | PASS |

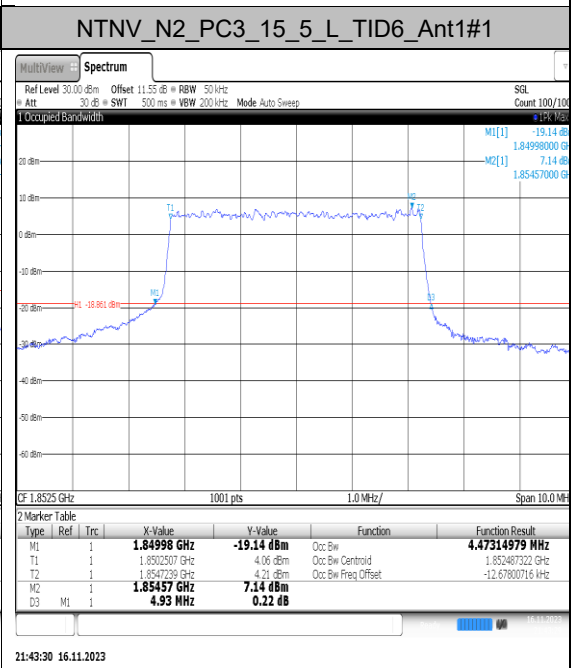
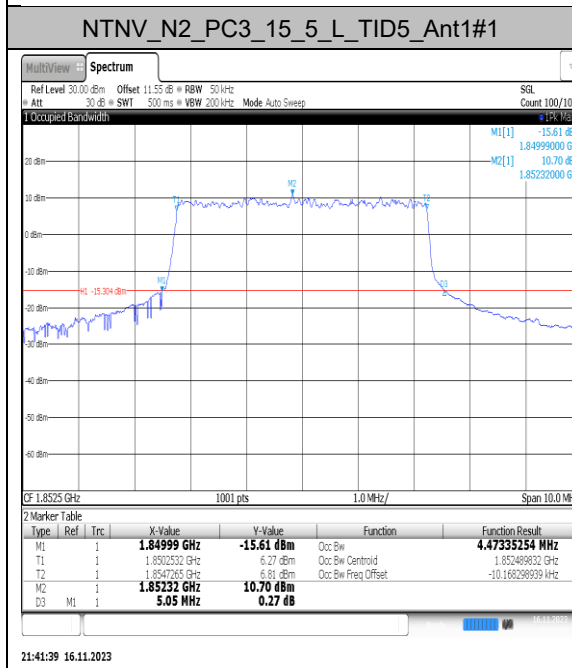
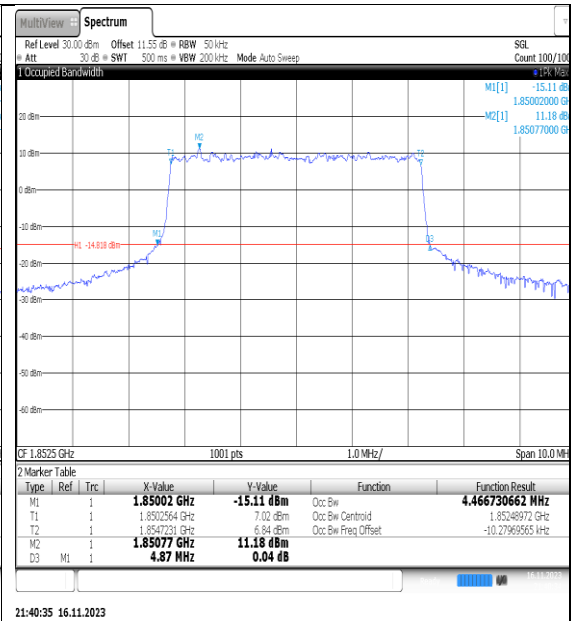
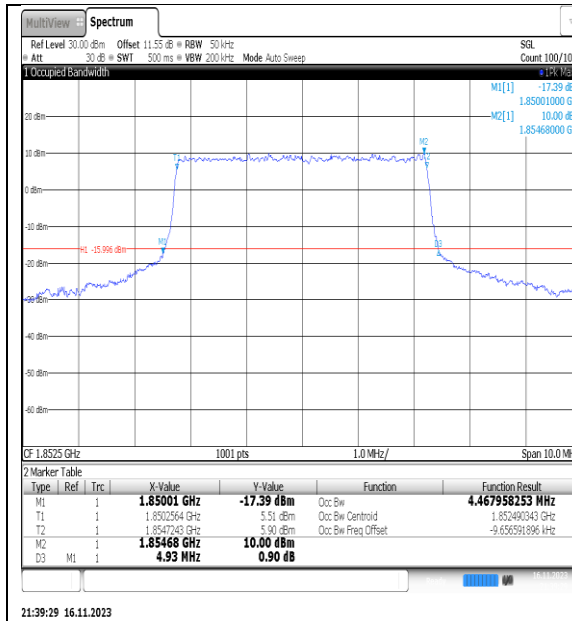
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|---------------|----|----|-------------|---|------------|--------|--------|------|
| N77-3700-3980 | 30 | 70 | DFT-16QAM | M | Outer_Full | 64.226 | 67.060 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM | M | Outer_Full | 64.343 | 67.760 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-PI2BPSK | H | Outer_Full | 63.431 | 64.820 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-QPSK | H | Outer_Full | 63.676 | 67.340 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-16QAM | H | Outer_Full | 63.892 | 67.200 | PASS |
| N77-3700-3980 | 30 | 70 | DFT-64QAM | H | Outer_Full | 63.414 | 67.200 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | L | Outer_Full | 77.137 | 81.120 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK | L | Outer_Full | 77.232 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM | L | Outer_Full | 76.953 | 82.560 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM | L | Outer_Full | 77.163 | 81.600 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full | 77.072 | 81.280 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-QPSK | M | Outer_Full | 77.164 | 80.800 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM | M | Outer_Full | 77.221 | 80.640 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM | M | Outer_Full | 76.887 | 81.120 | PASS |
| N77-3700- | 30 | 80 | DFT-PI2BPSK | H | Outer_Full | 72.709 | 80.800 | PASS |

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|---------------|----|----|-------------|---|------------|--------|--------|------|
| 3980 | | | | | | | | |
| N77-3700-3980 | 30 | 80 | DFT-QPSK | H | Outer_Full | 73.306 | 80.800 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-16QAM | H | Outer_Full | 76.346 | 80.800 | PASS |
| N77-3700-3980 | 30 | 80 | DFT-64QAM | H | Outer_Full | 76.874 | 77.760 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | L | Outer_Full | 86.774 | 90.720 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK | L | Outer_Full | 86.688 | 91.080 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM | L | Outer_Full | 86.835 | 90.720 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM | L | Outer_Full | 86.714 | 90.180 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | M | Outer_Full | 86.683 | 90.360 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK | M | Outer_Full | 86.919 | 90.540 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM | M | Outer_Full | 86.695 | 90.720 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-64QAM | M | Outer_Full | 86.662 | 90.180 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-PI2BPSK | H | Outer_Full | 86.558 | 90.540 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-QPSK | H | Outer_Full | 86.916 | 88.920 | PASS |
| N77-3700-3980 | 30 | 90 | DFT-16QAM | H | Outer_Full | 86.142 | 87.300 | PASS |
| N77- | 30 | 90 | DFT-64QAM | H | Outer_Full | 86.178 | 86.940 | PASS |

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|---------------|----|-----|-------------|---|------------|--------|---------|------|
| 3700-3980 | | | | | | | | |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | L | Outer_Full | 96.233 | 100.400 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK | L | Outer_Full | 96.127 | 100.200 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM | L | Outer_Full | 96.213 | 100.200 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM | L | Outer_Full | 96.305 | 100.200 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full | 96.299 | 100.200 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK | M | Outer_Full | 96.179 | 100.000 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM | M | Outer_Full | 96.236 | 100.200 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-64QAM | M | Outer_Full | 96.353 | 100.200 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-PI2BPSK | H | Outer_Full | 96.658 | 100.600 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-QPSK | H | Outer_Full | 96.157 | 101.600 | PASS |
| N77-3700-3980 | 30 | 100 | DFT-16QAM | H | Outer_Full | 96.175 | 100.200 | PASS |
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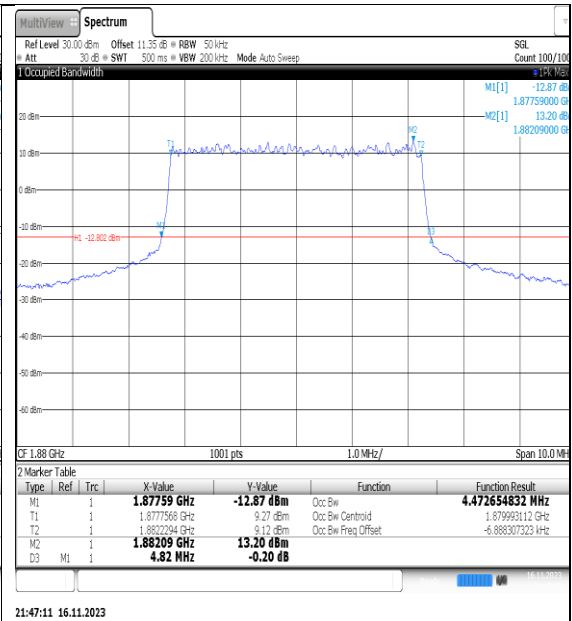
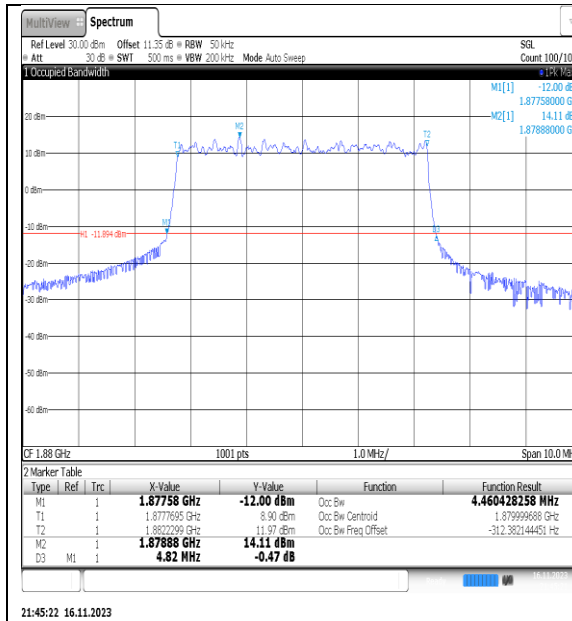
Test Graphs





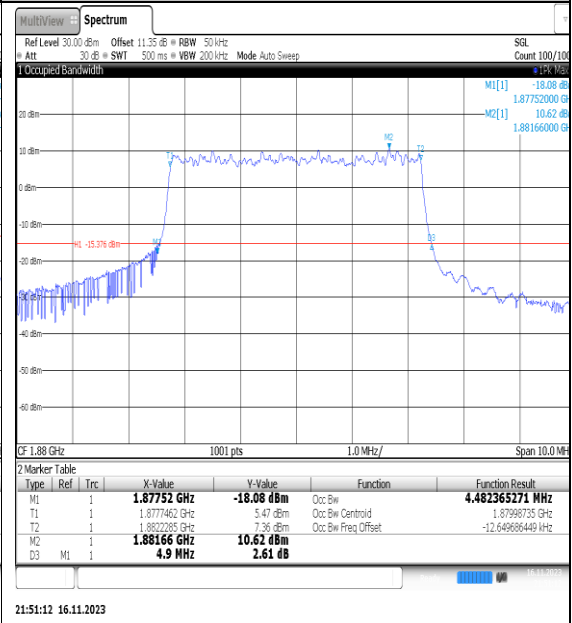
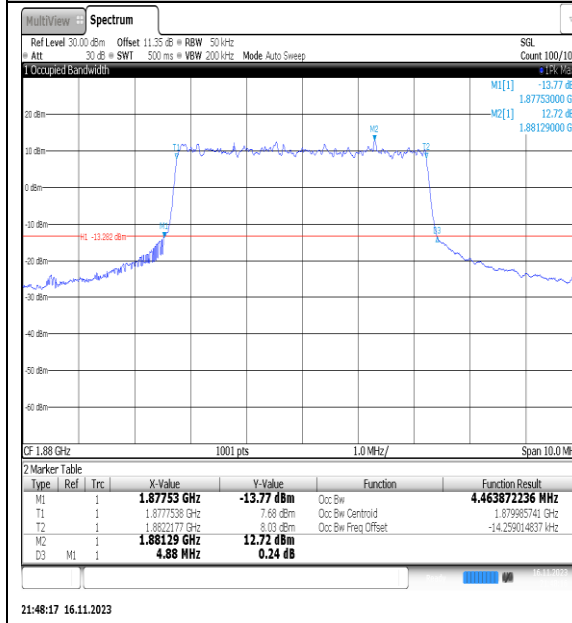
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NTVN_N2_PC3_15_5_L_TID8_Ant1#1



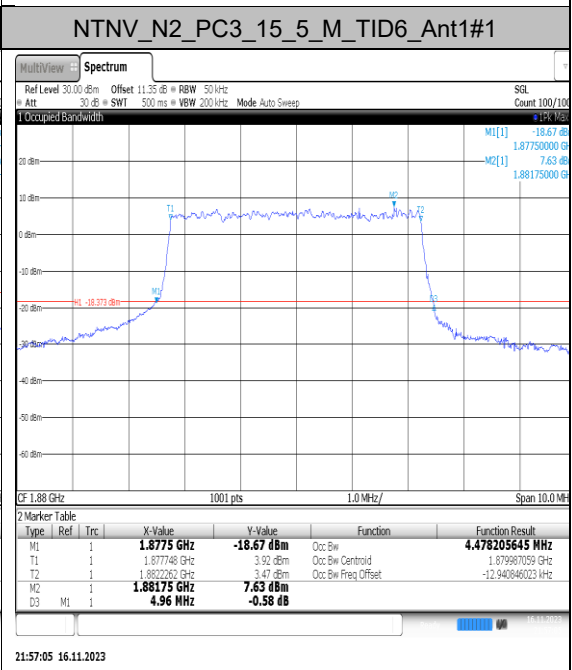
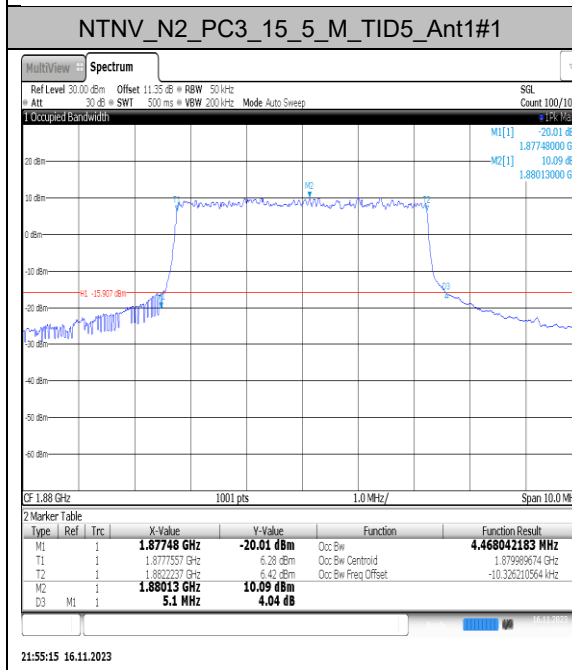
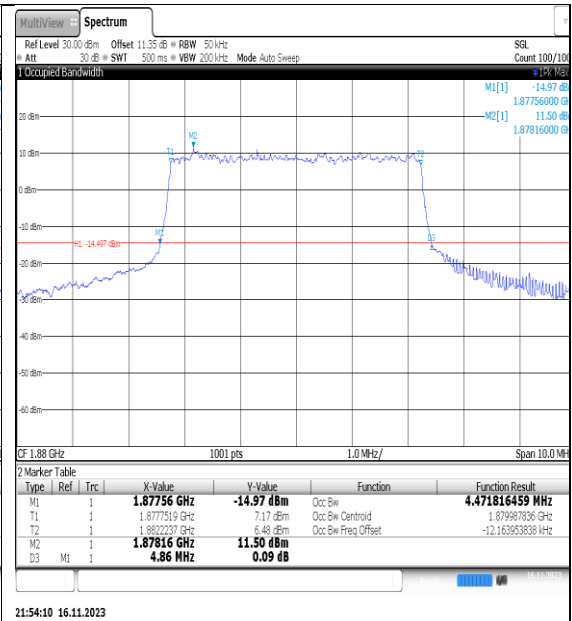
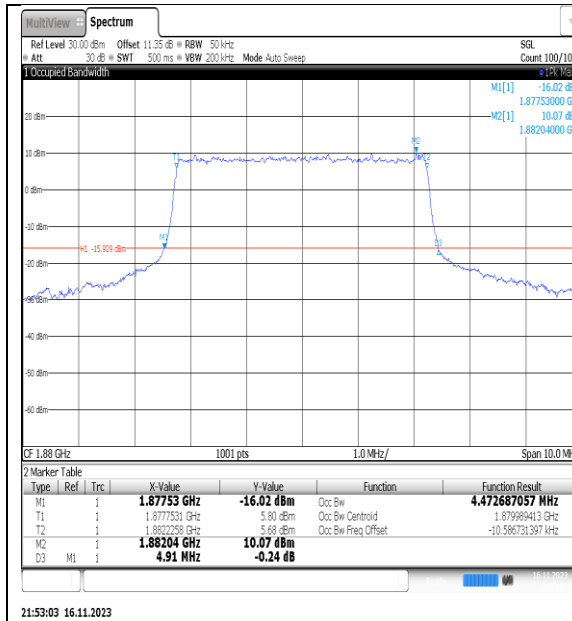
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NTV_N2_PC3_15_5_M_TID2_Ant1#1



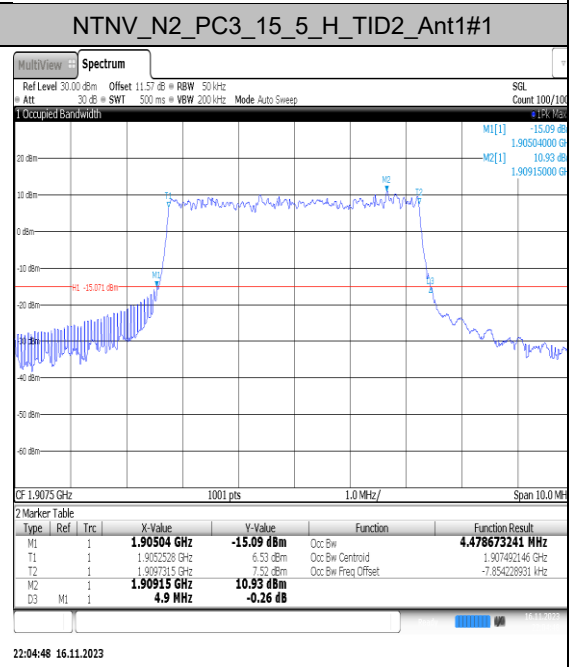
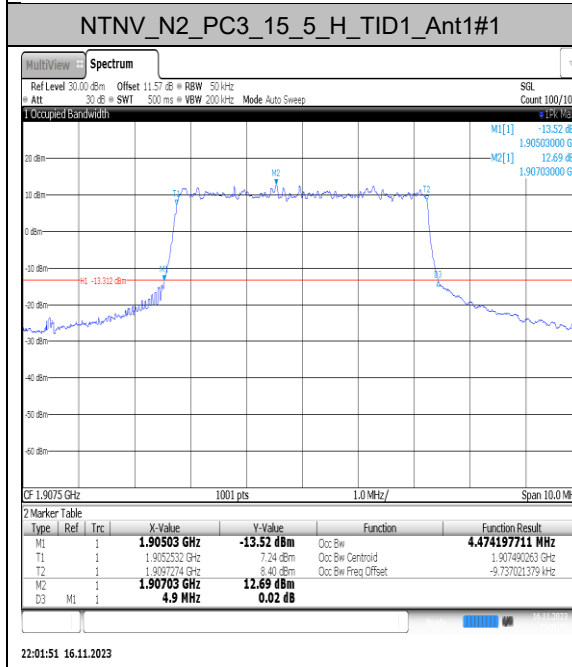
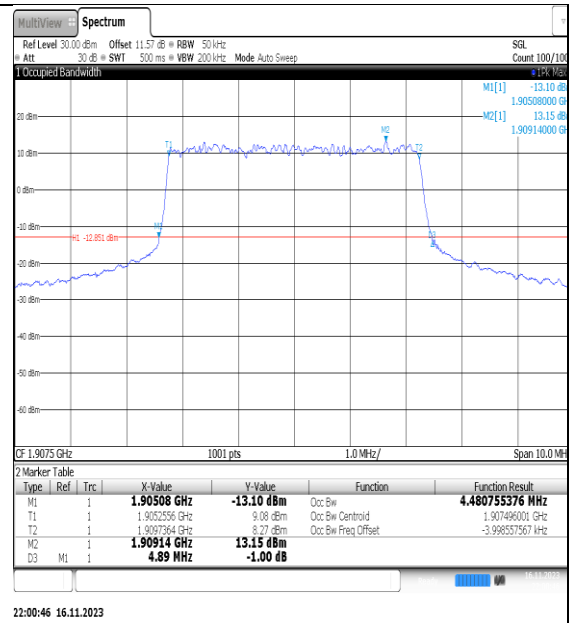
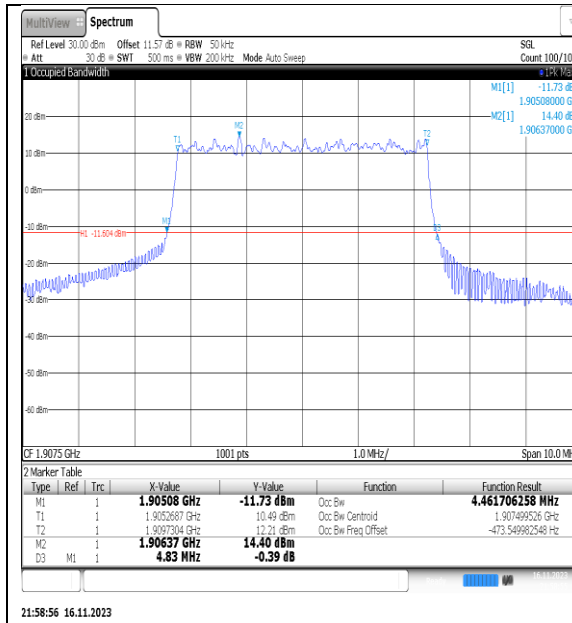
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NTV_N2_PC3_15_5_M_TID4_Ant1#1



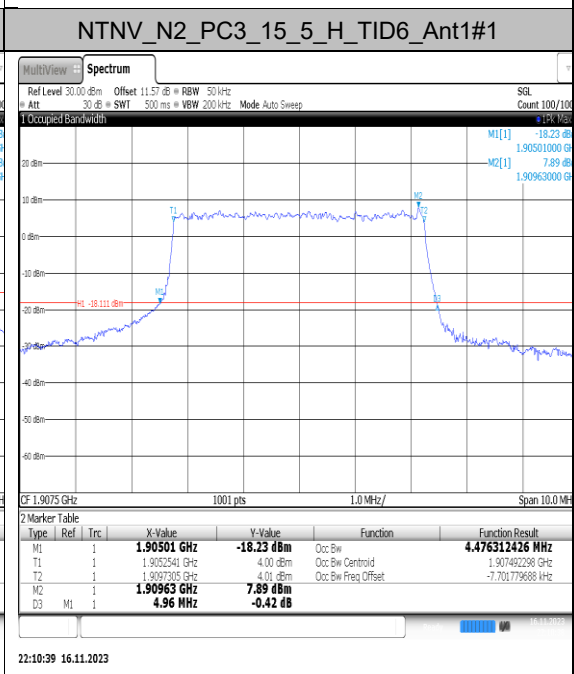
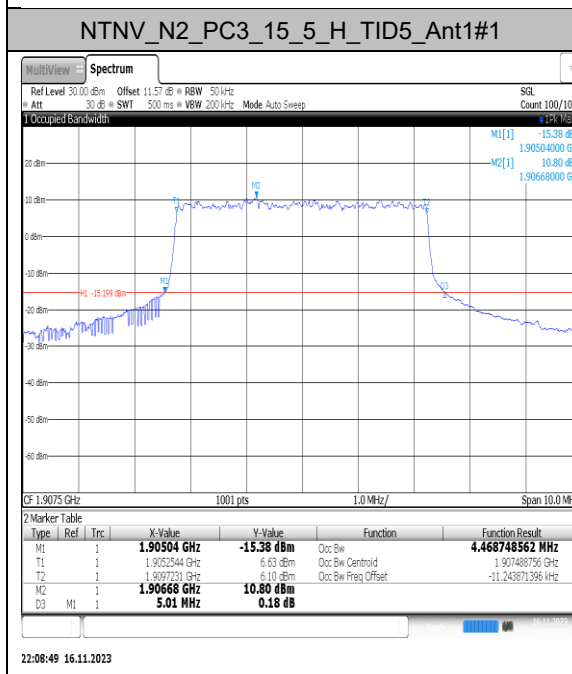
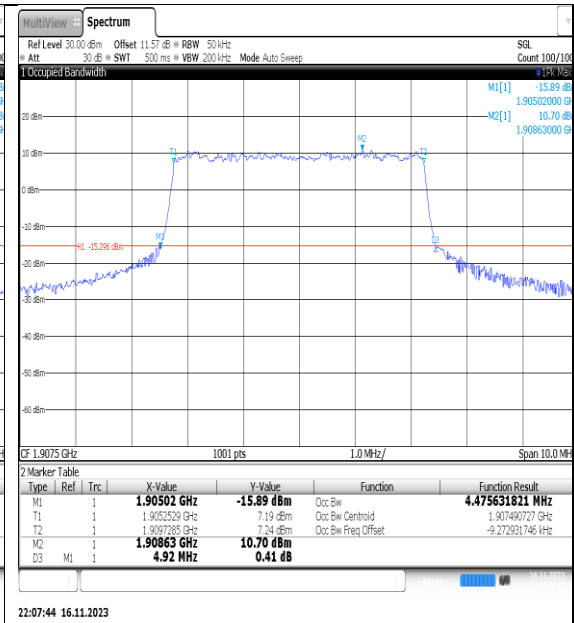
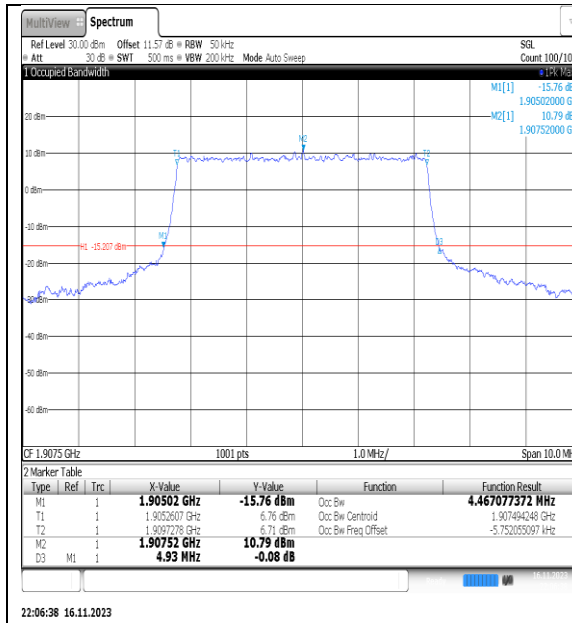
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NTNV_N2_PC3_15_5_M_TID8_Ant1#1



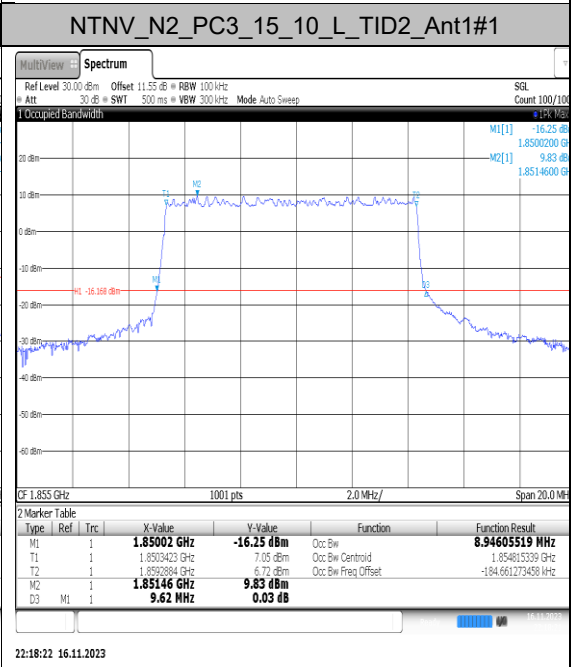
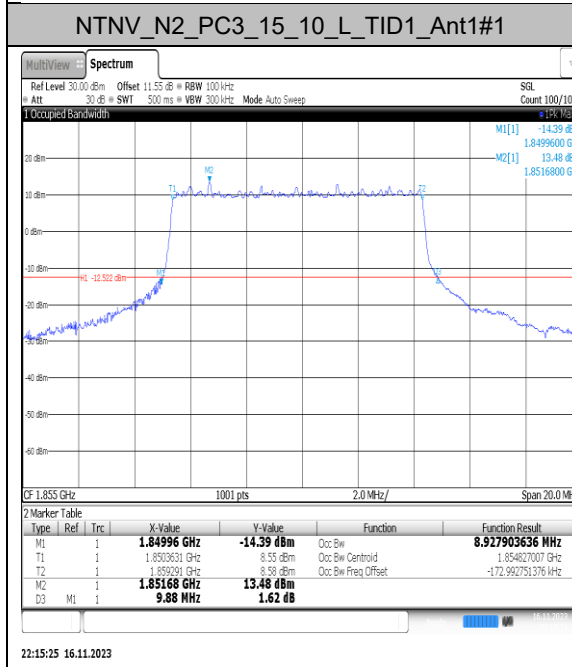
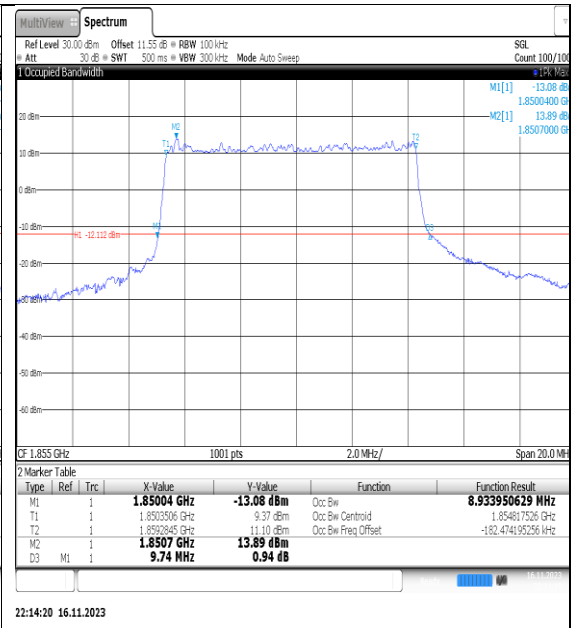
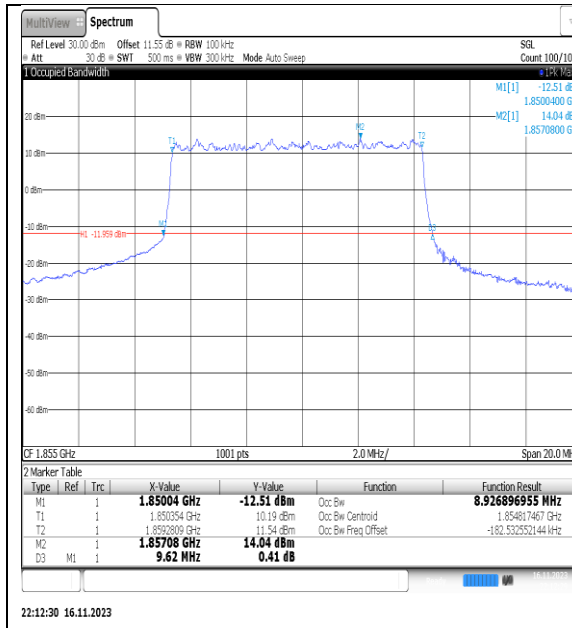
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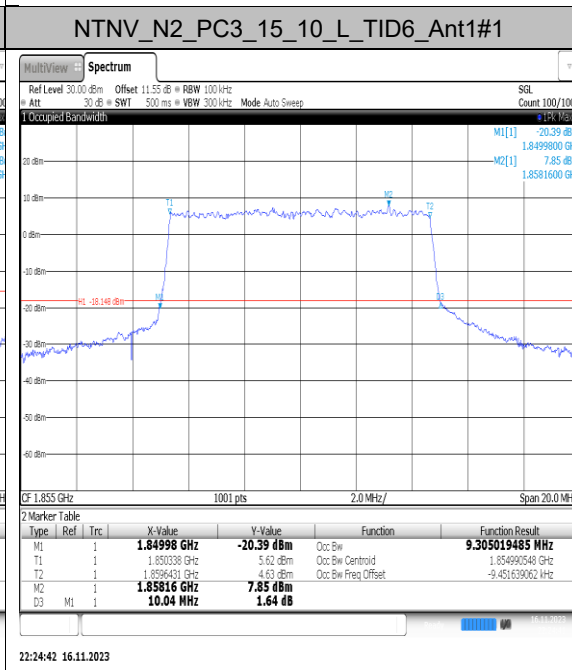
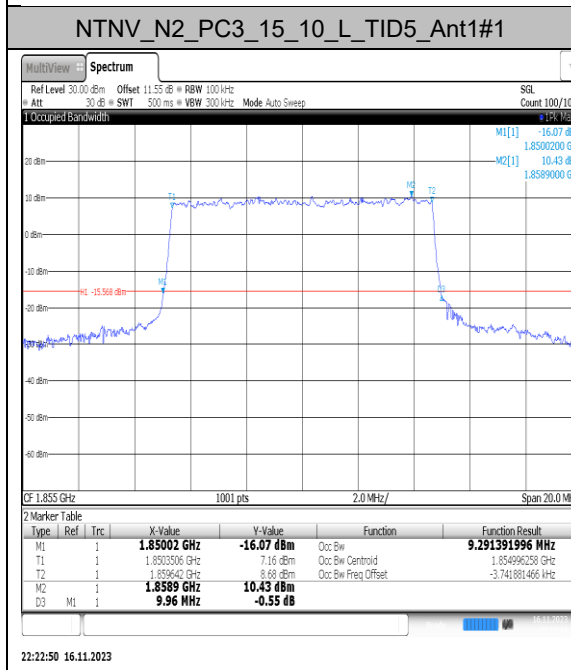
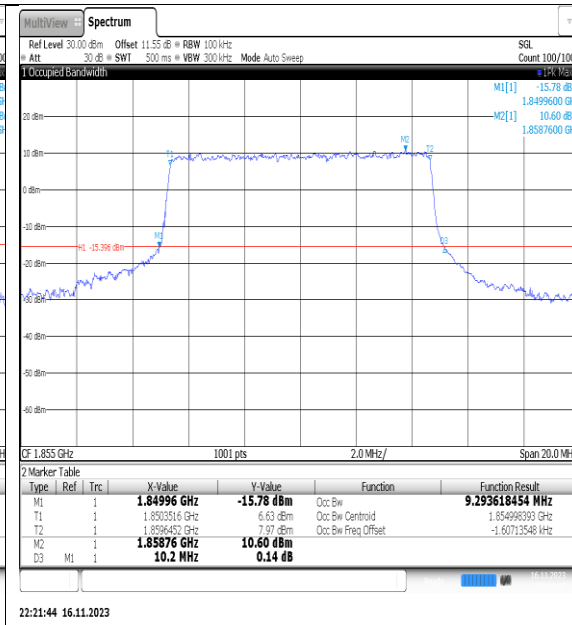
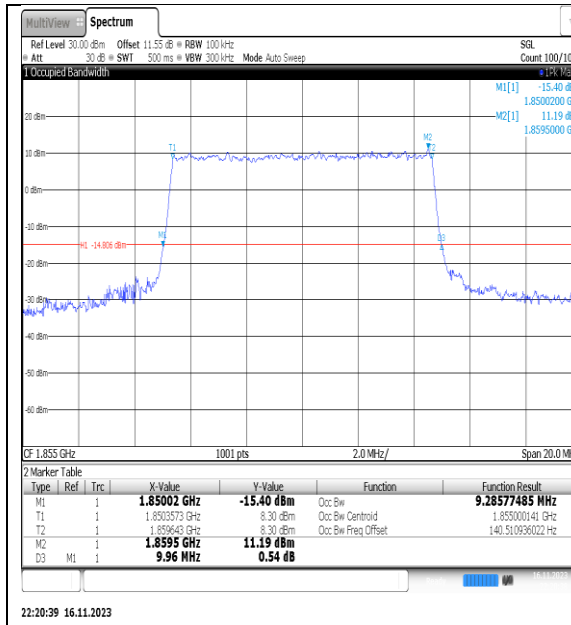
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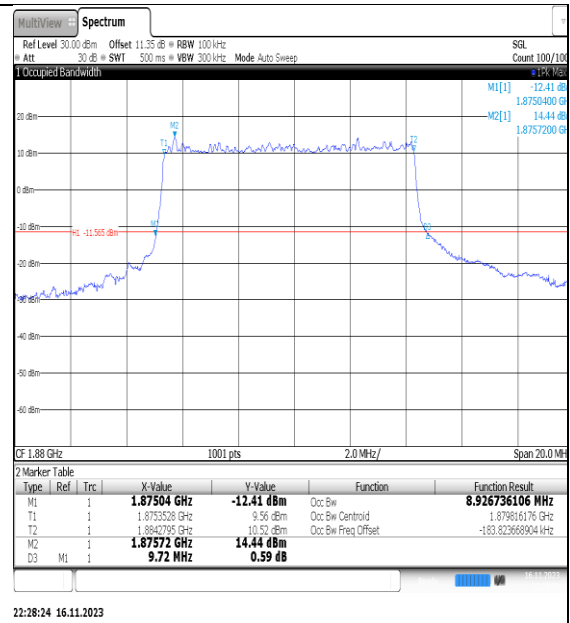
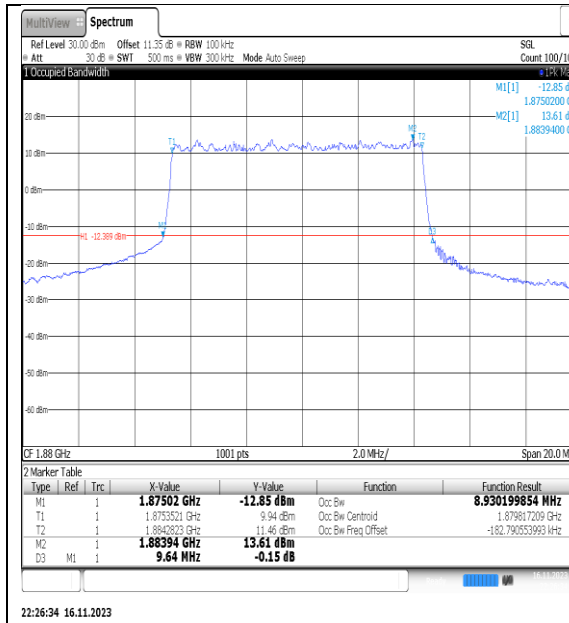
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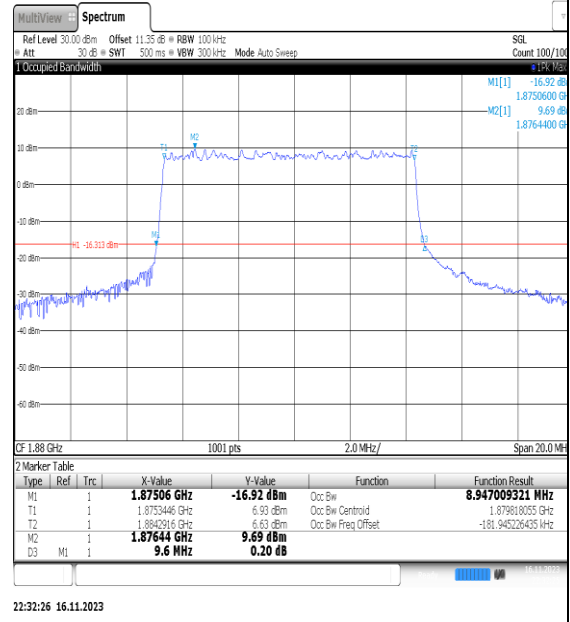
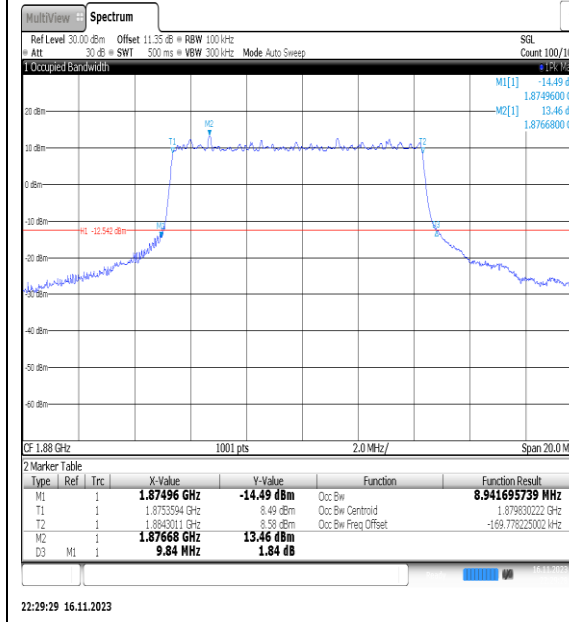
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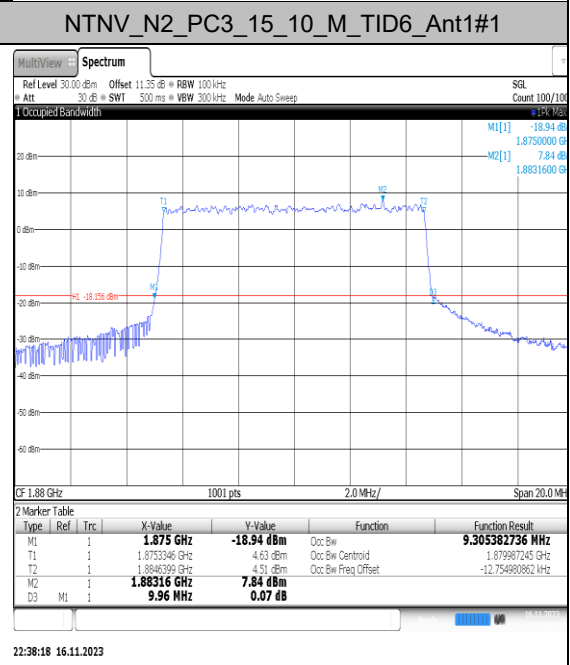
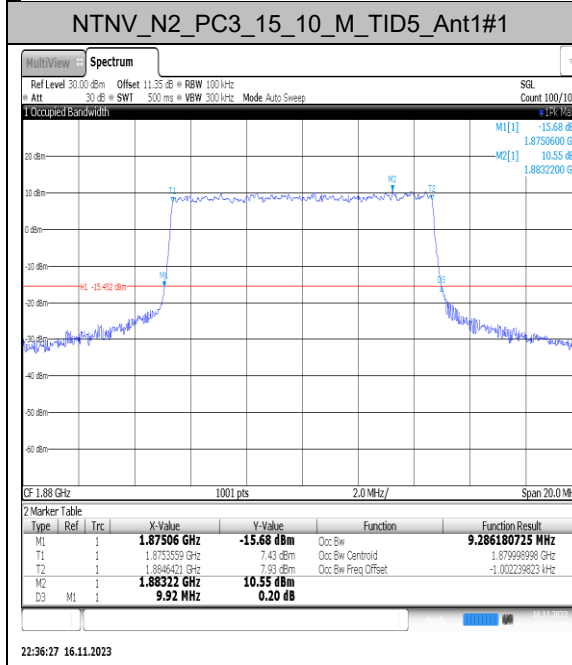
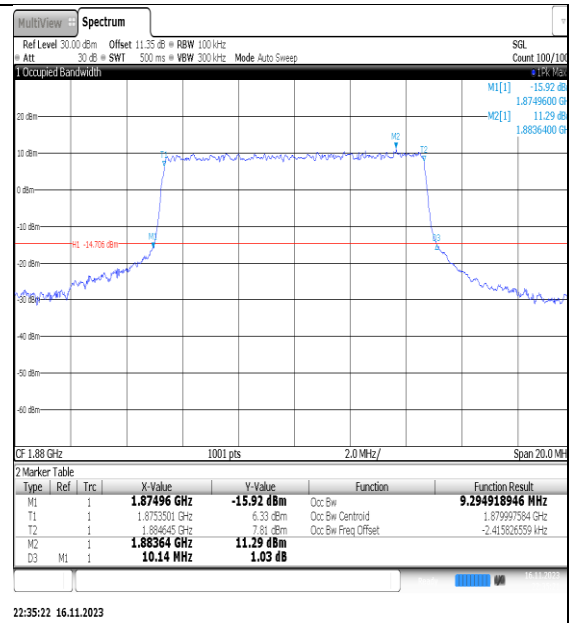
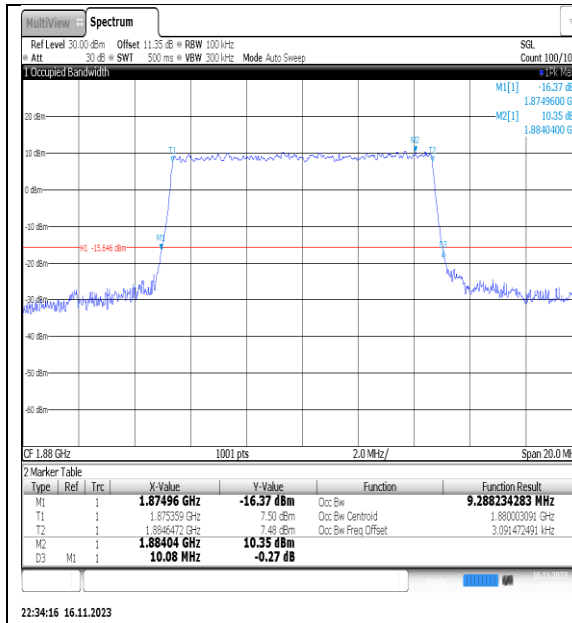
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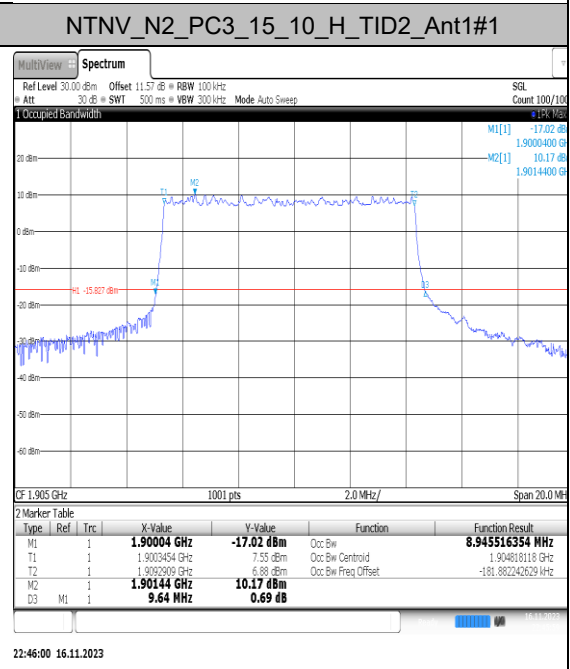
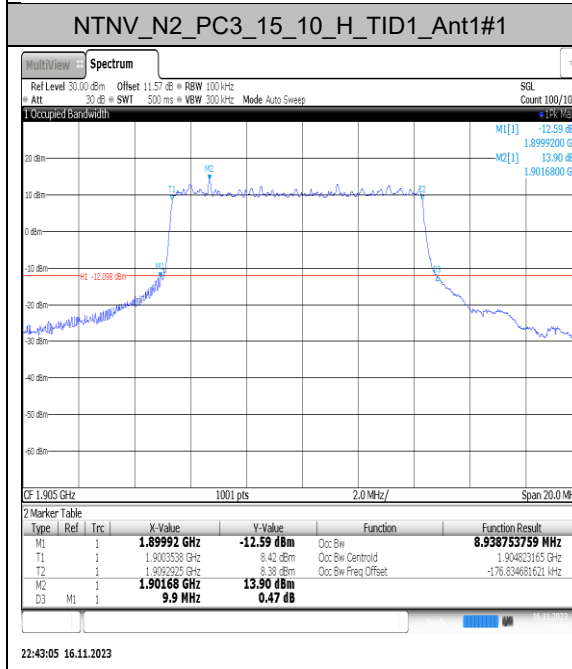
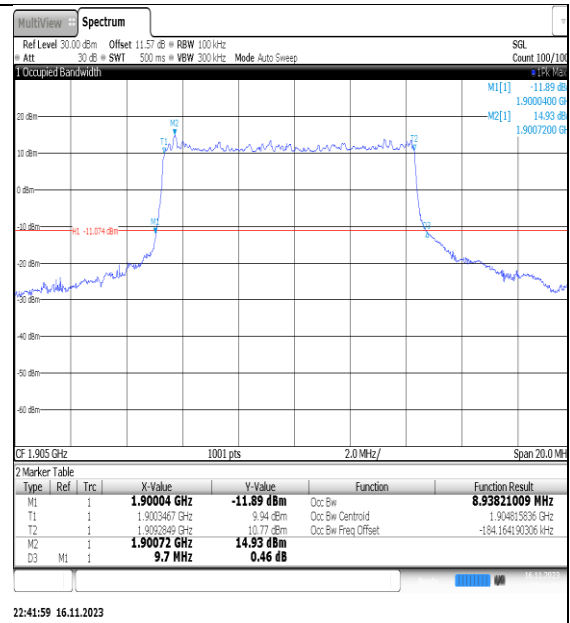
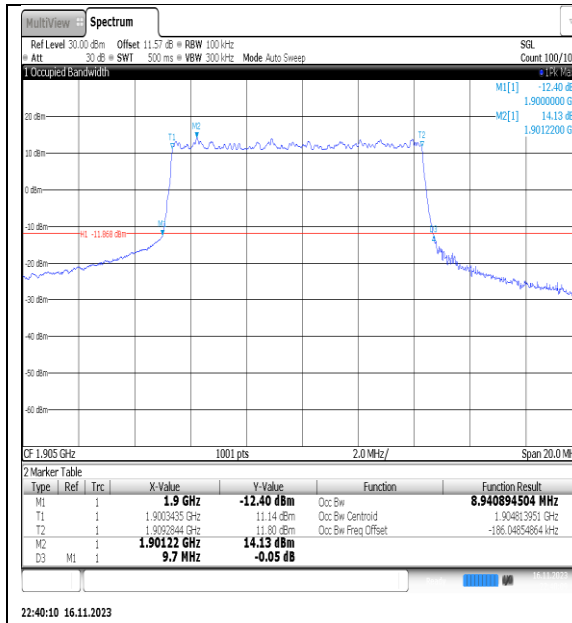
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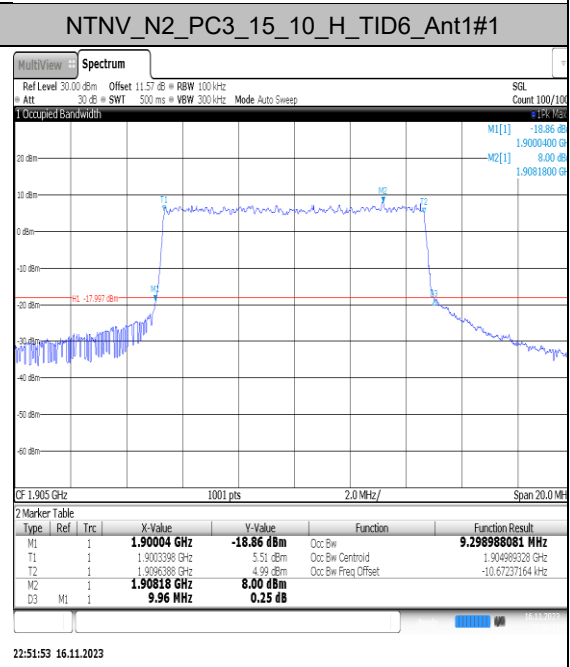
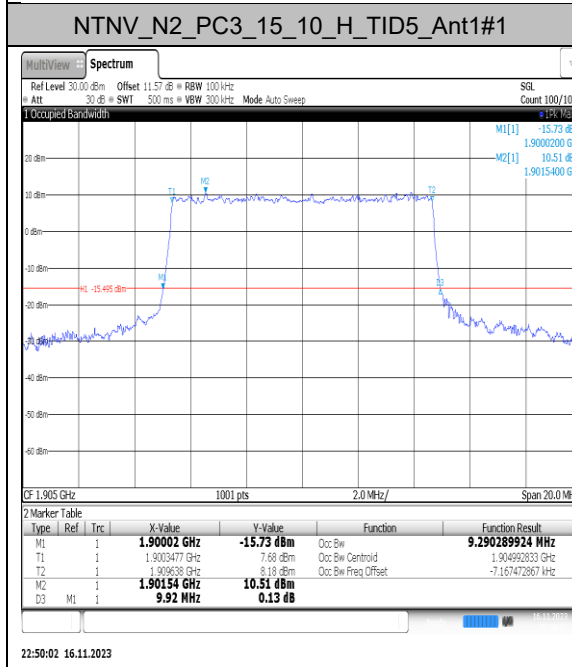
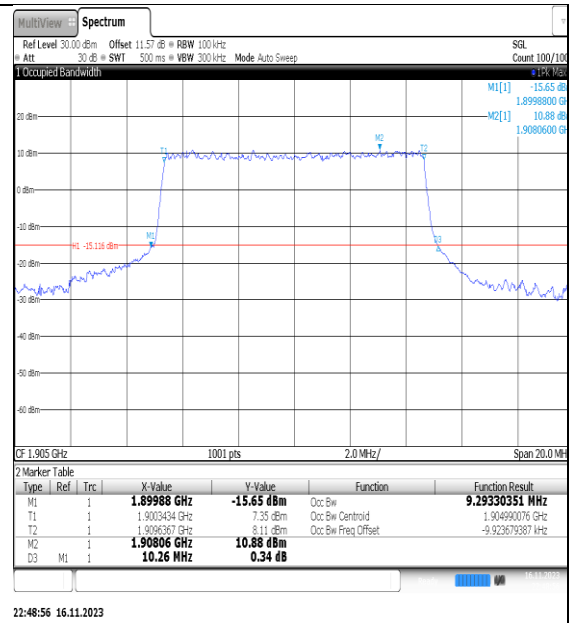
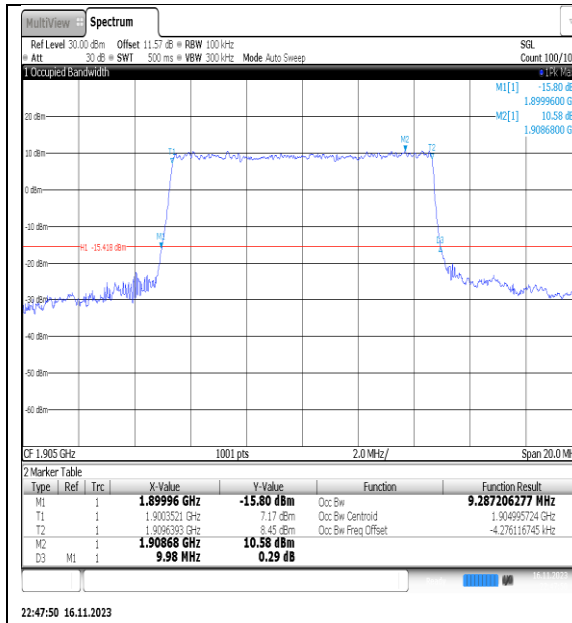
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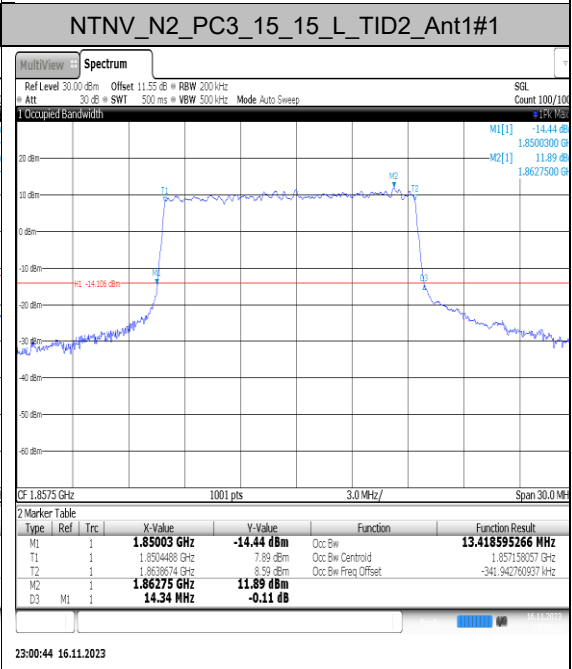
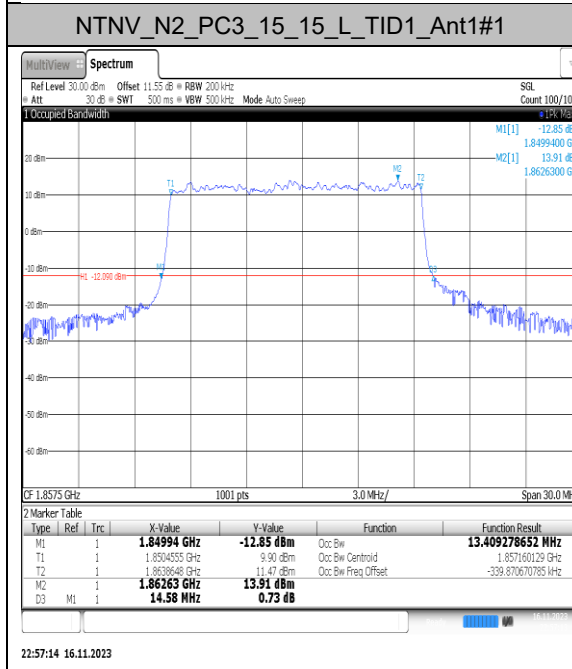
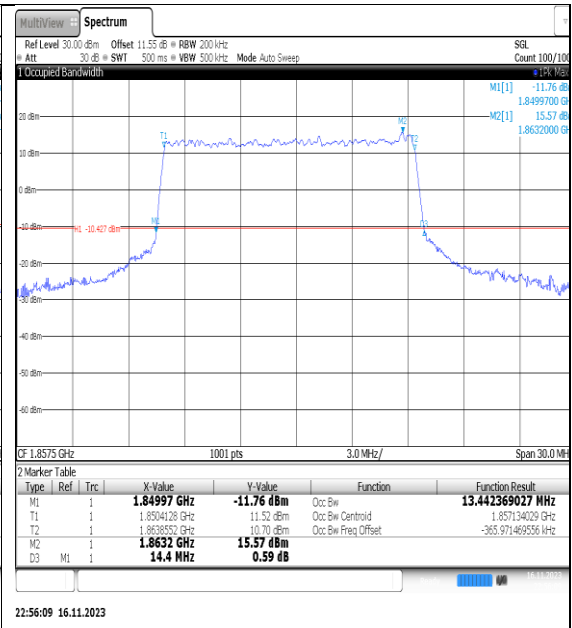
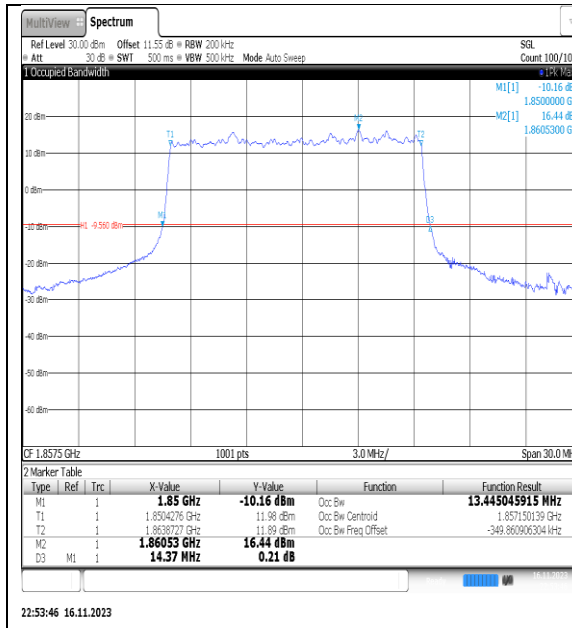
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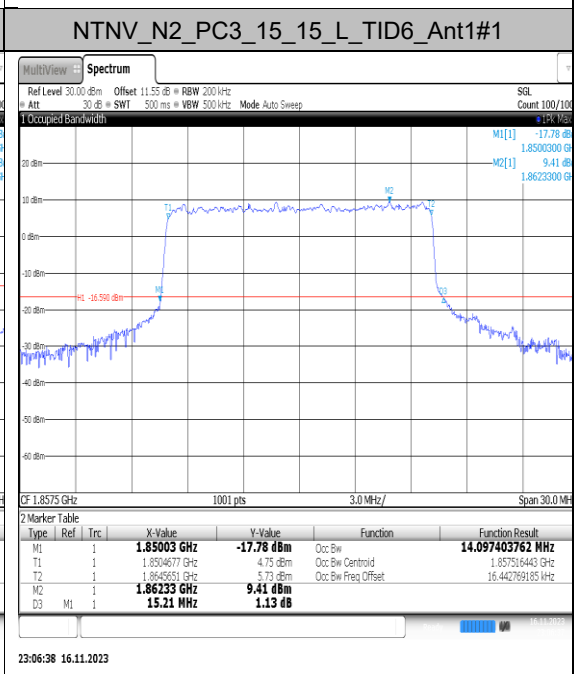
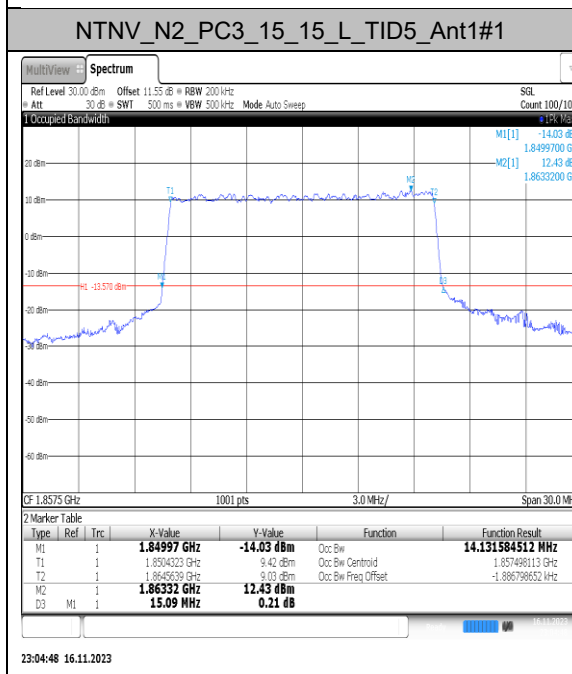
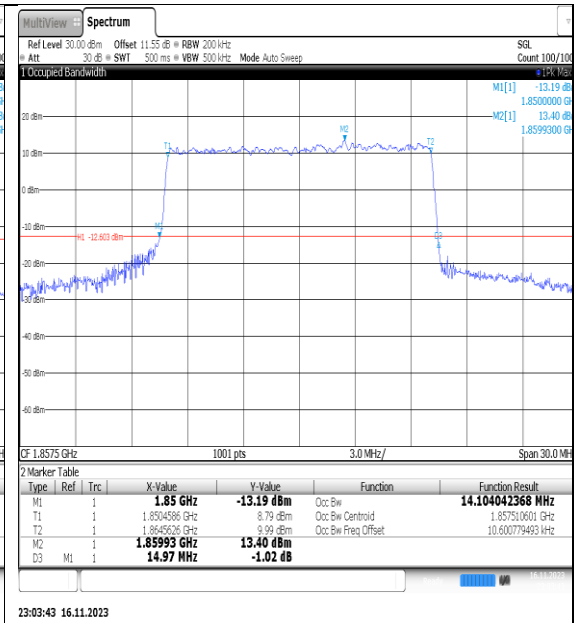
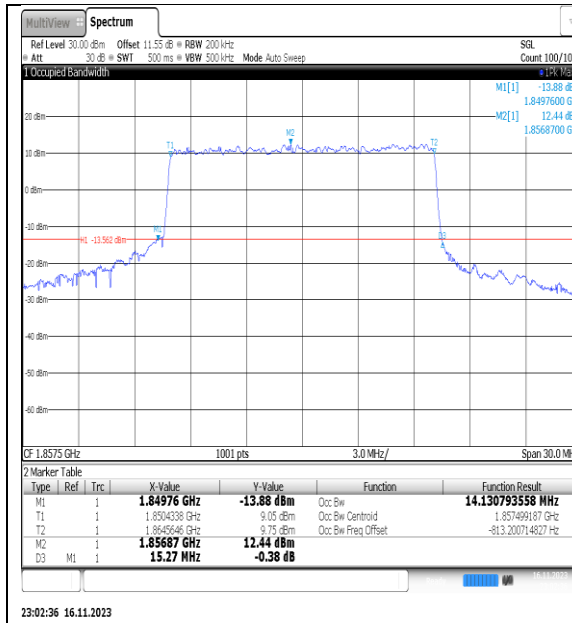
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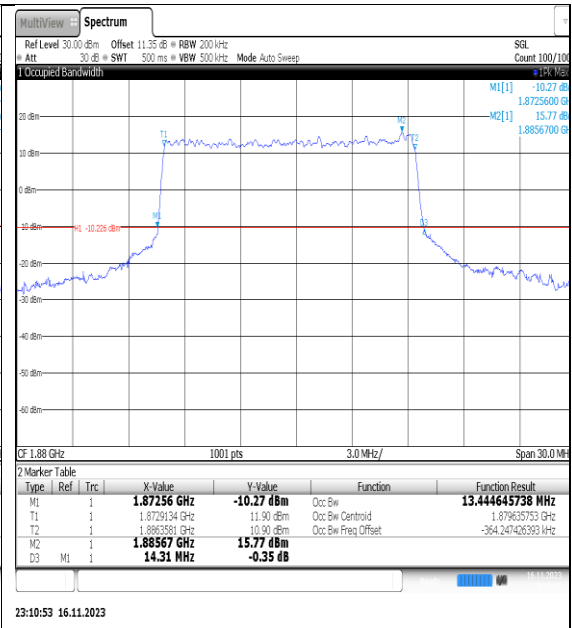
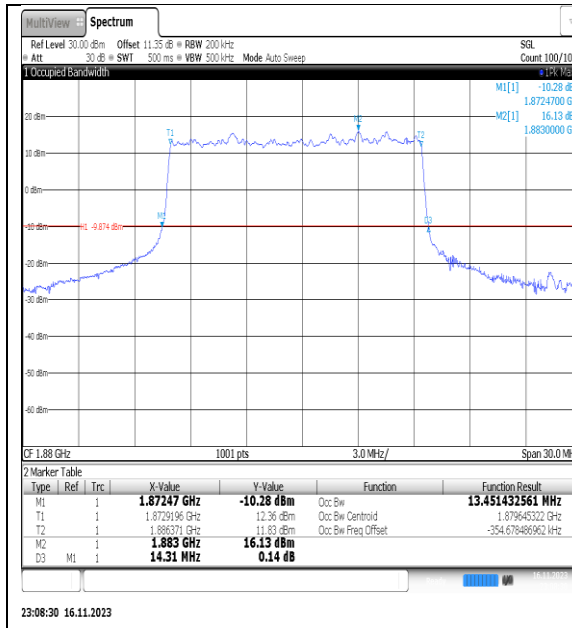
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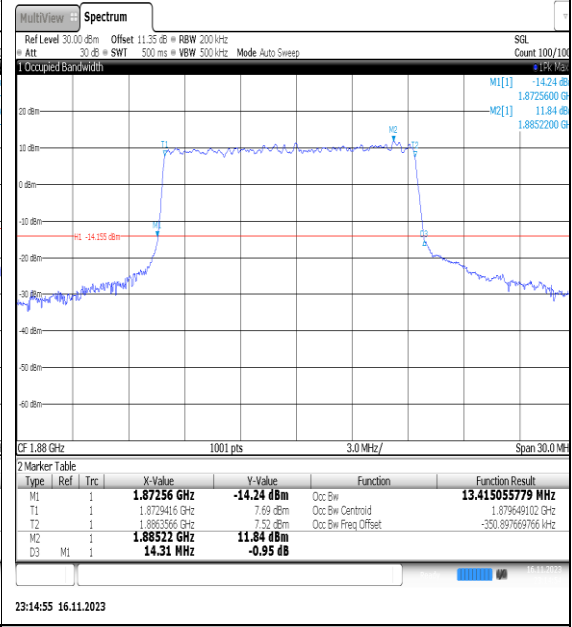
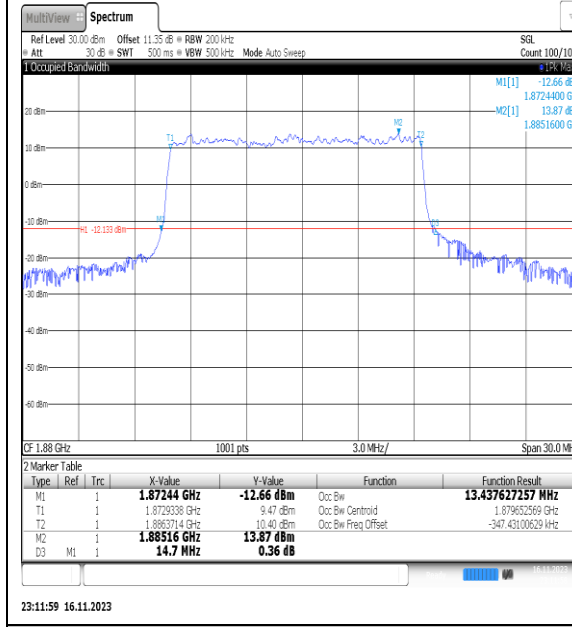
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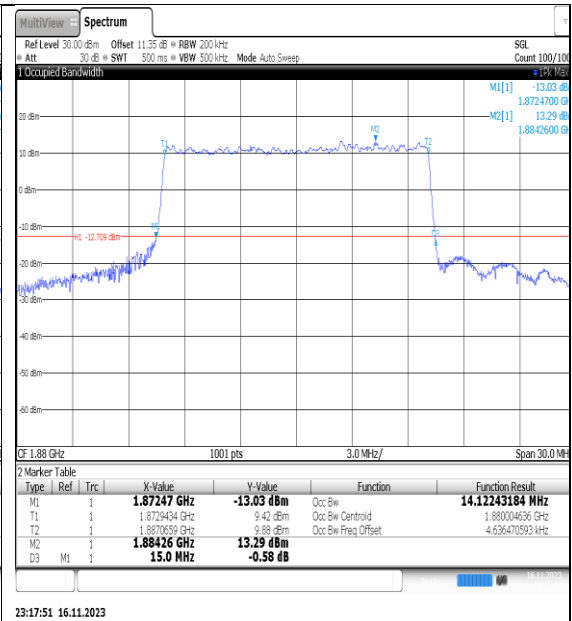
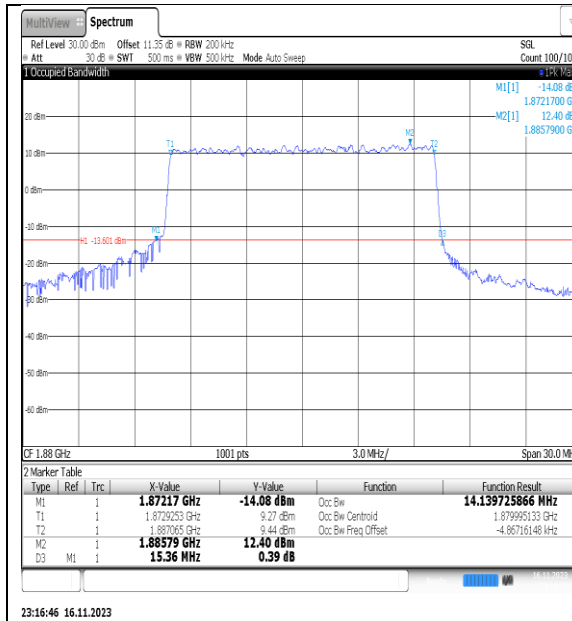
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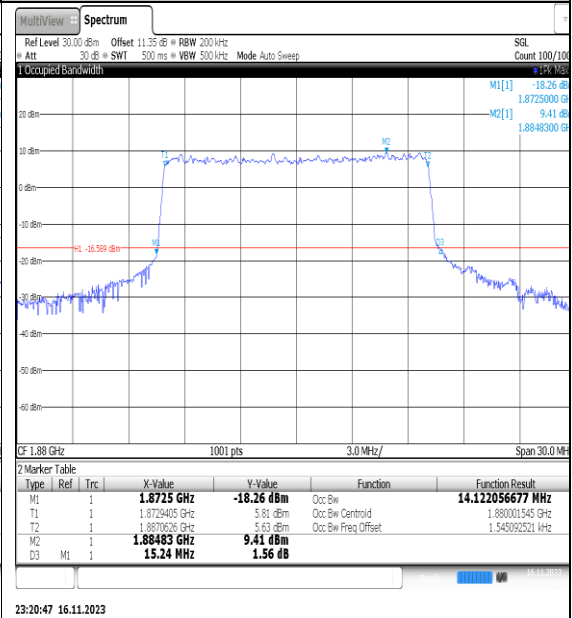
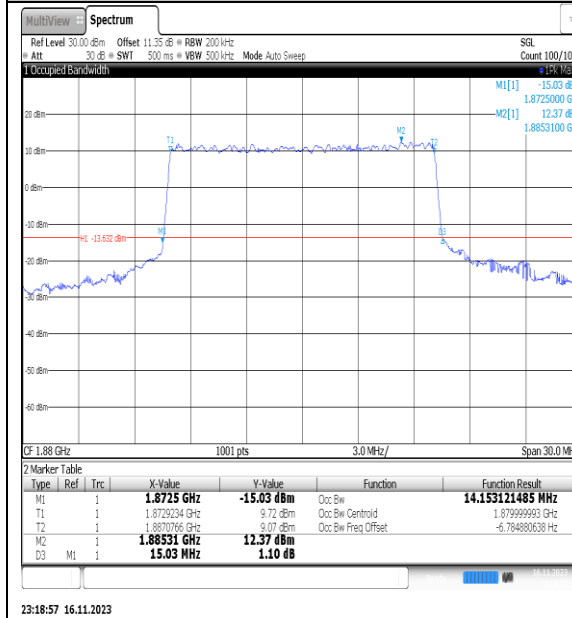
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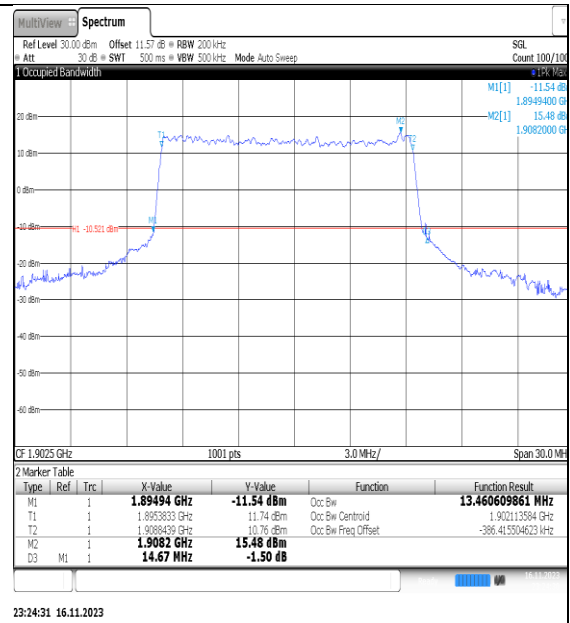
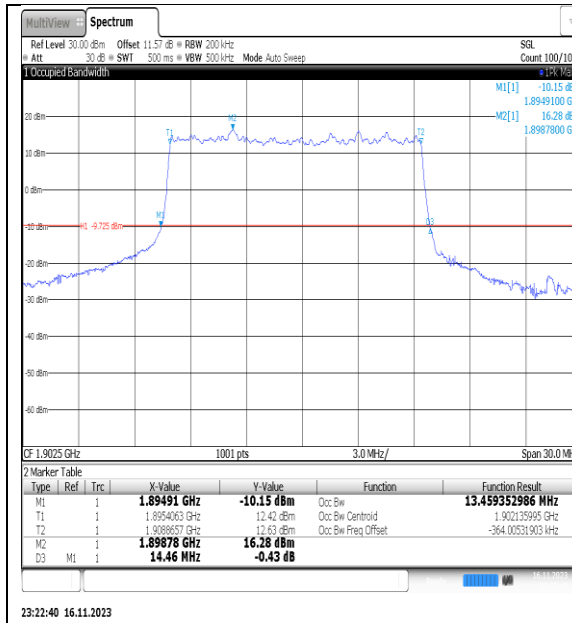
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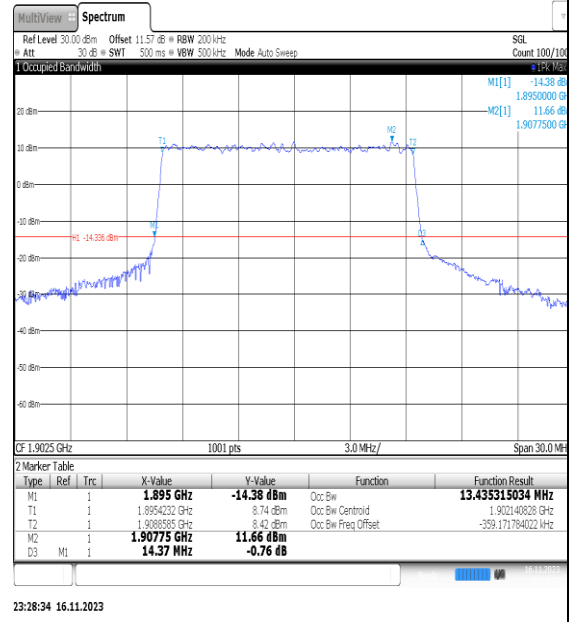
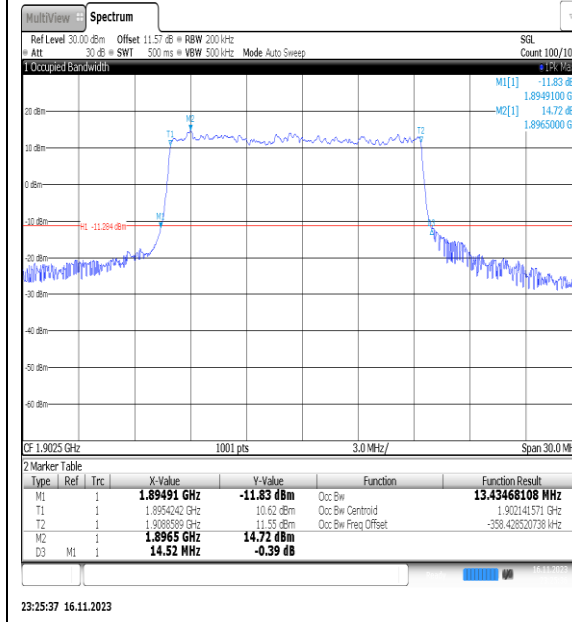
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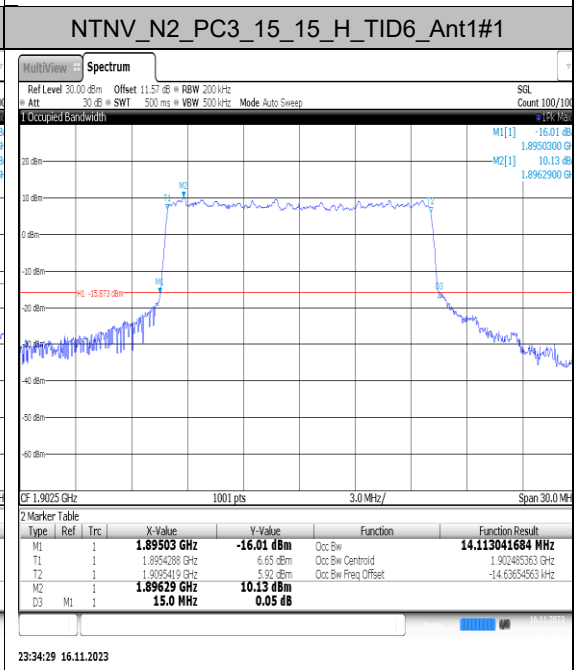
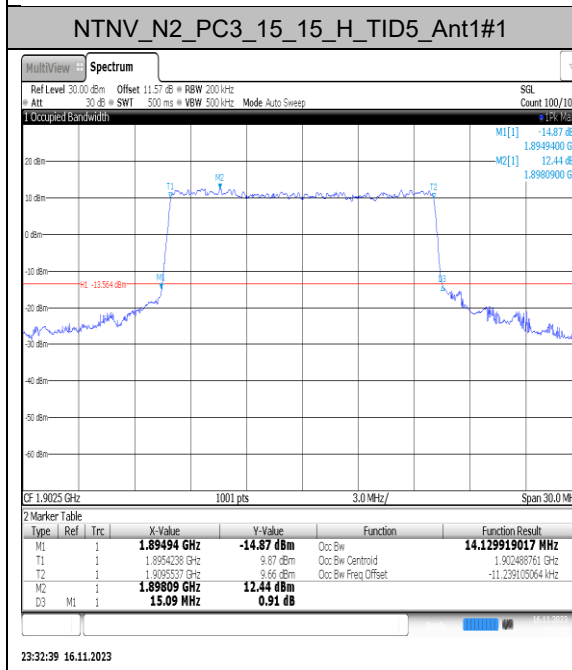
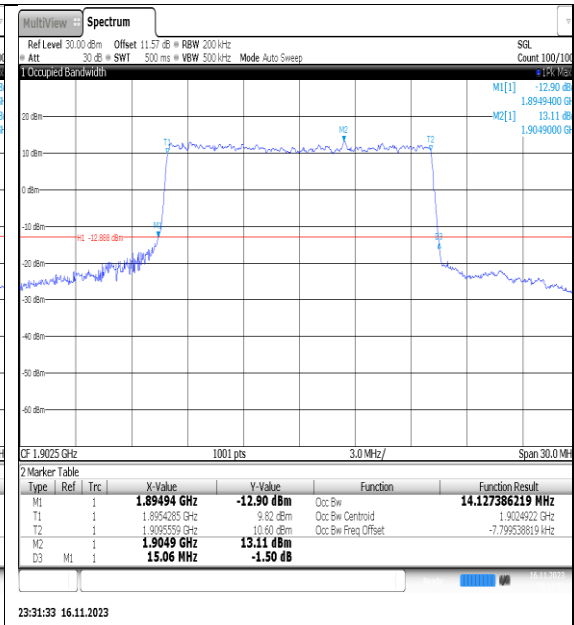
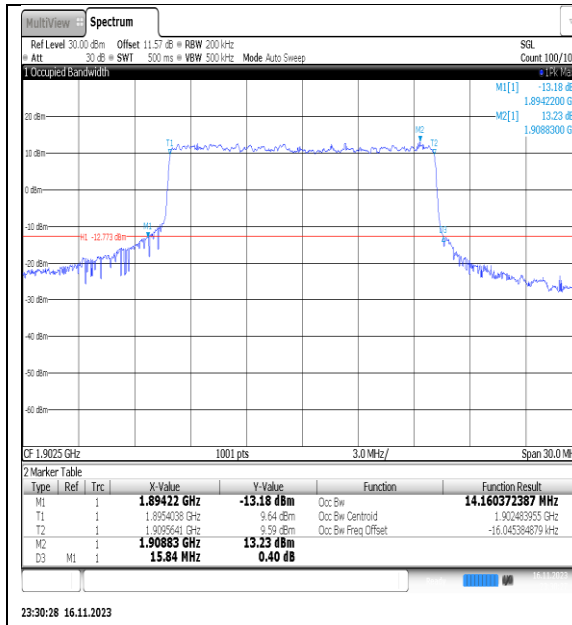
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NTNV_N2_PC3_15_15_H_TID2_Ant#1



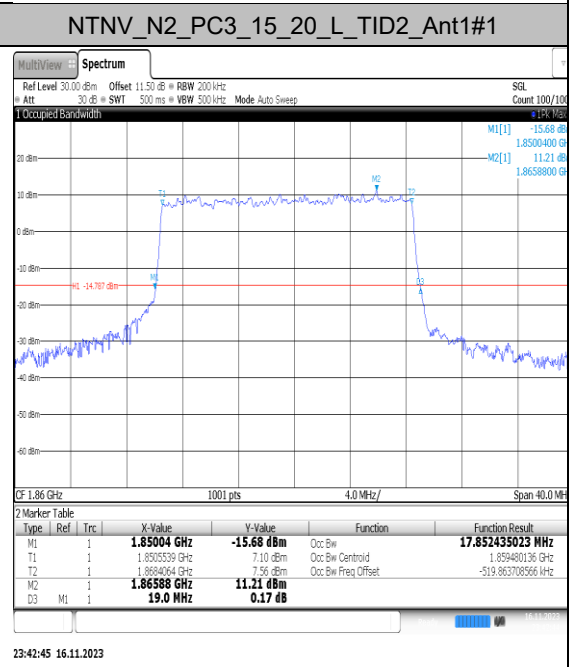
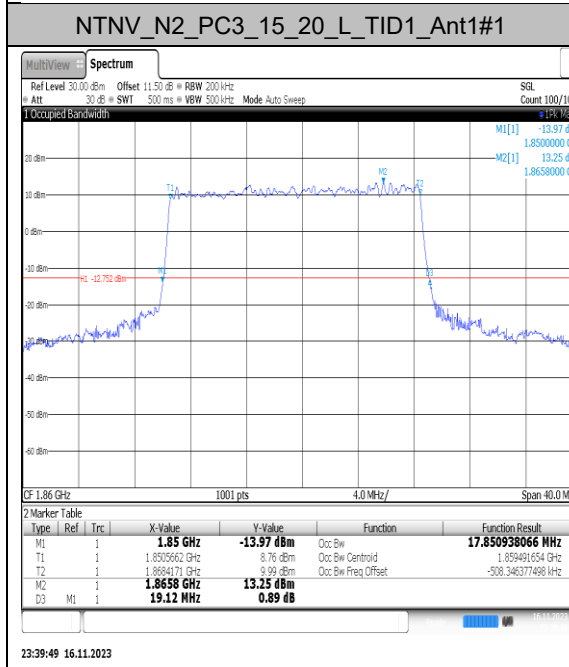
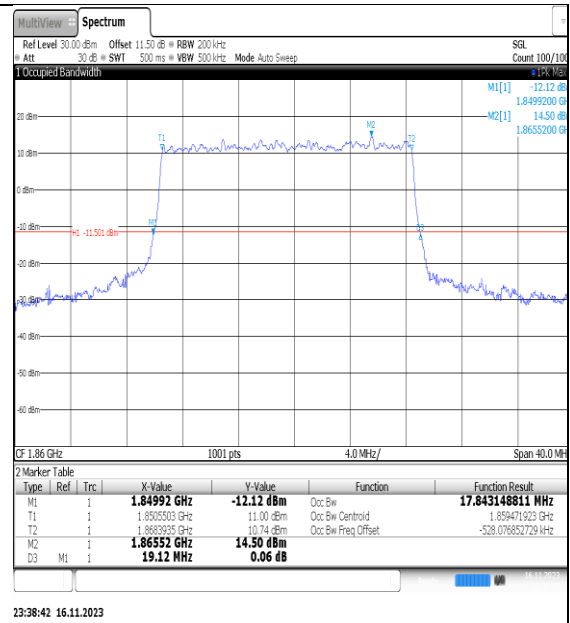
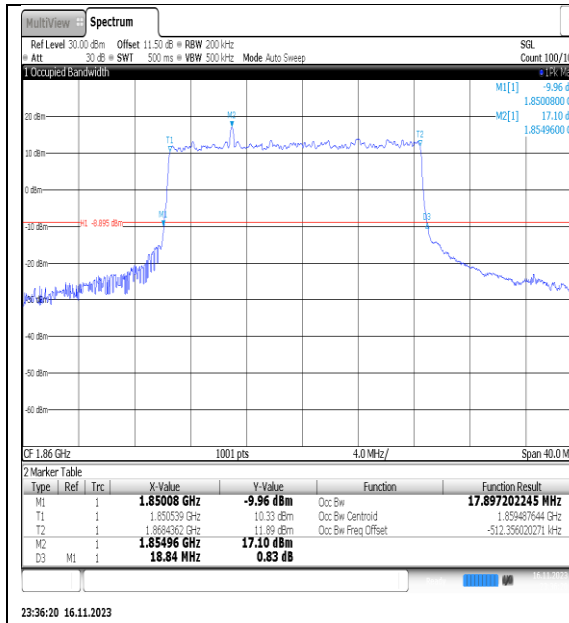
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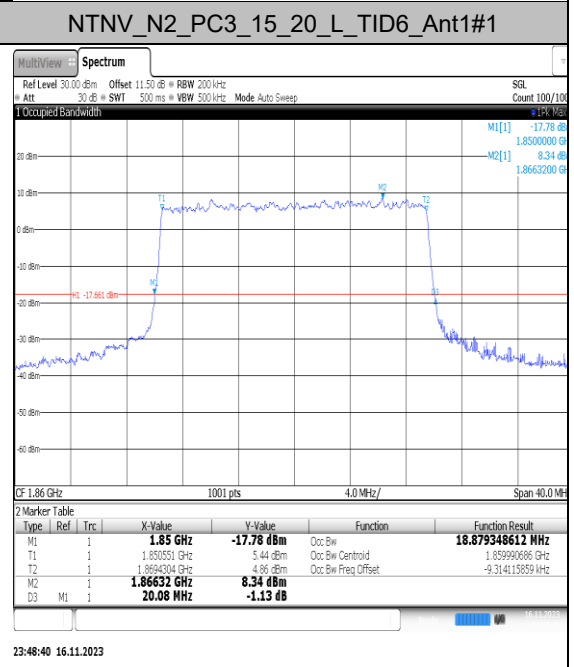
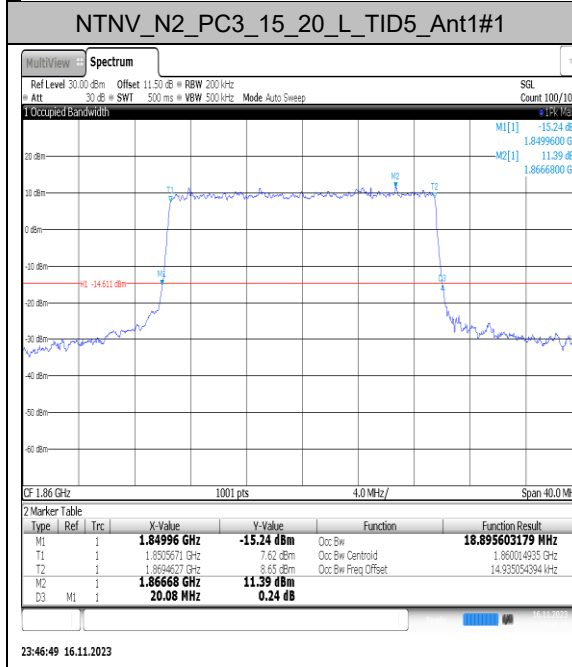
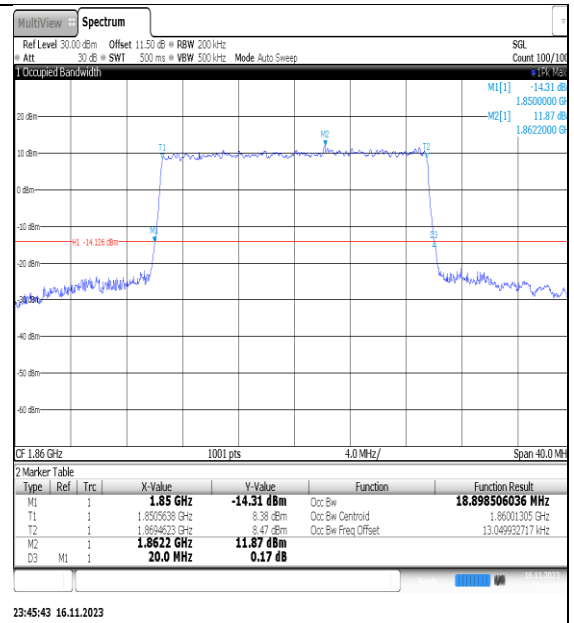
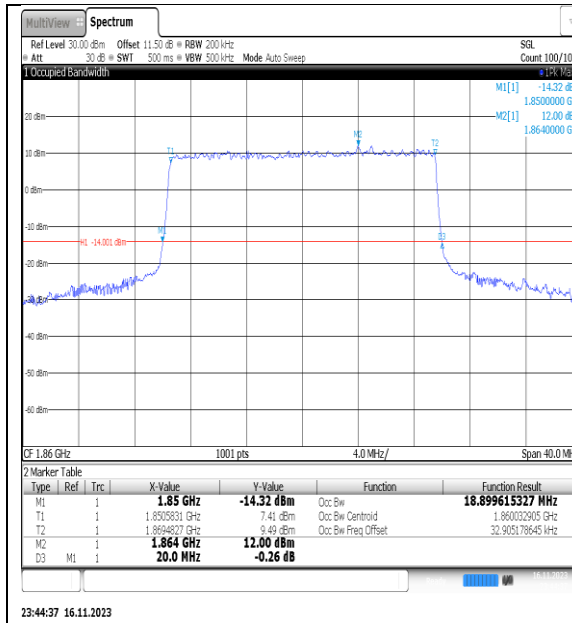
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NTNV_N2_PC3_15_15_H_TID8_Ant1#1



NTNV_N2_PC3_15_20_L_TID3_Ant#1

NTNV_N2_PC3_15_20_L_TID4_Ant#1

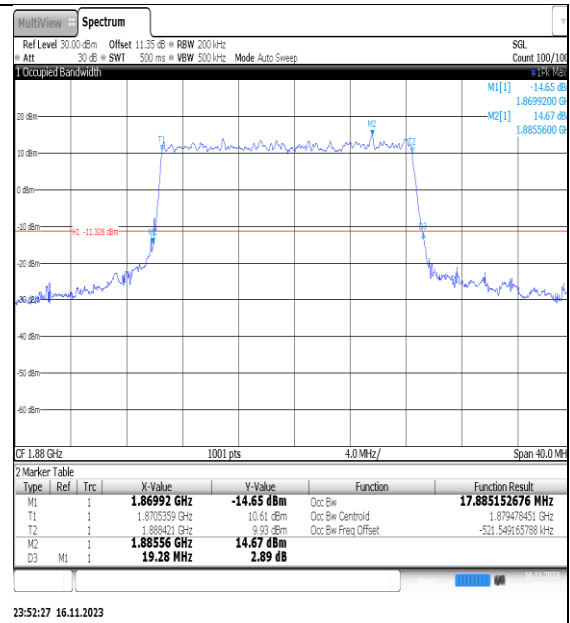
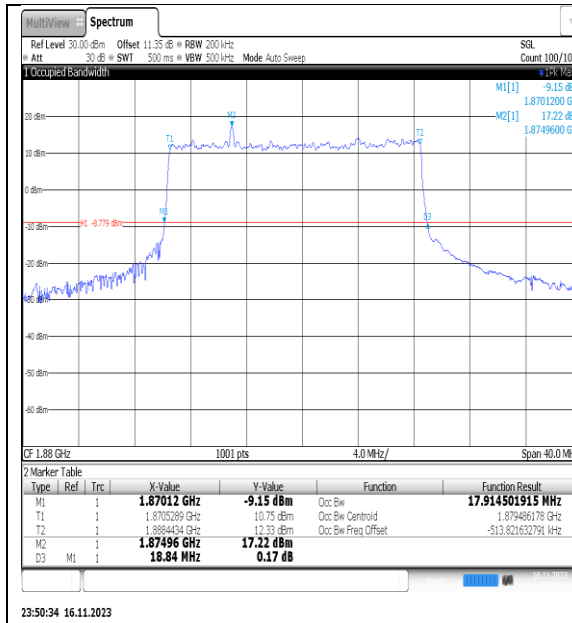


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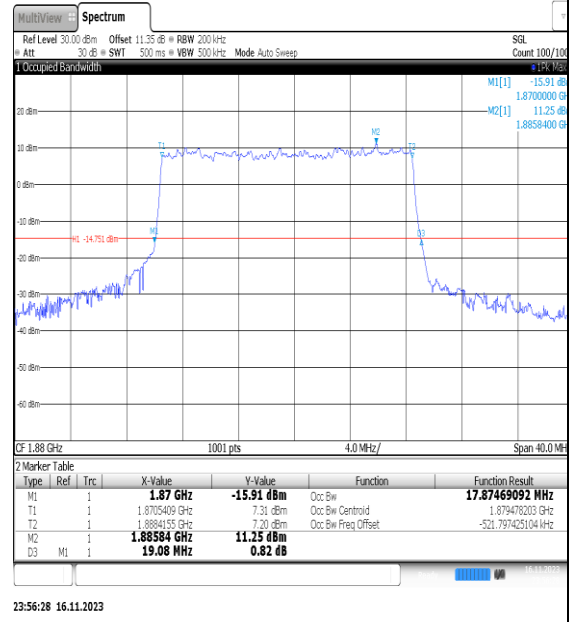
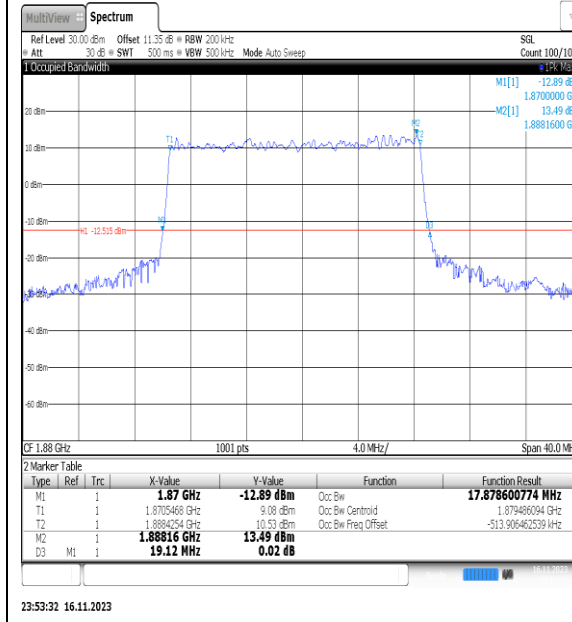
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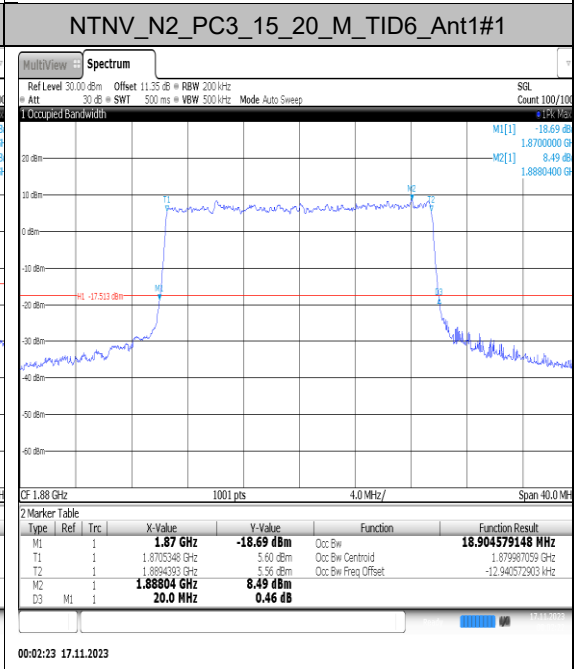
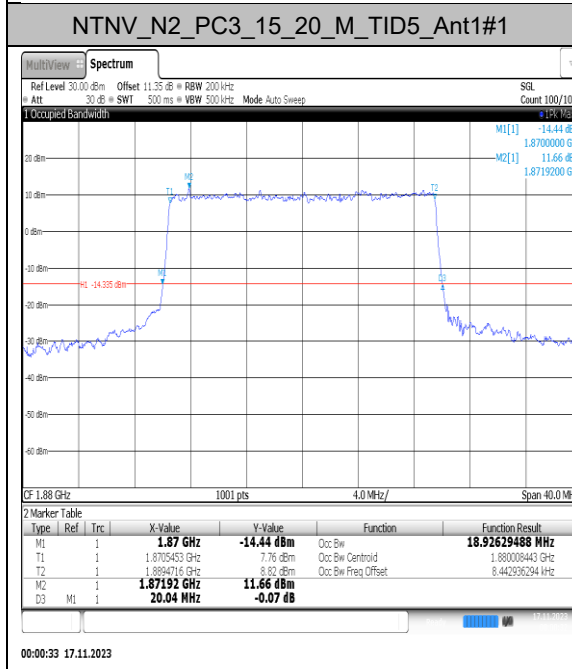
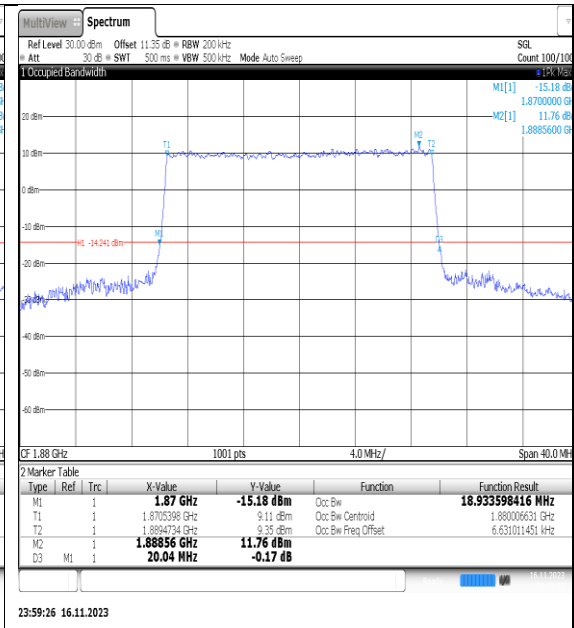
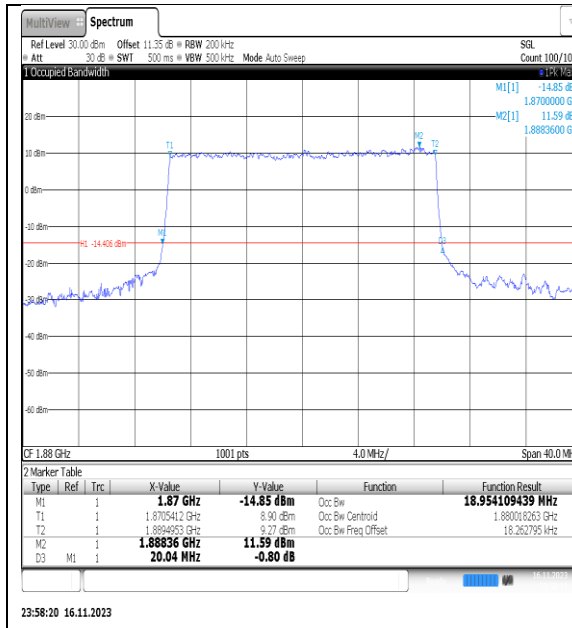
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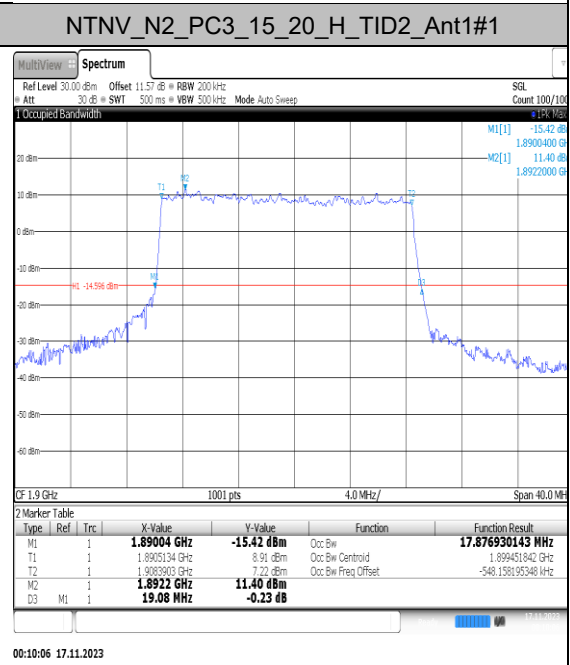
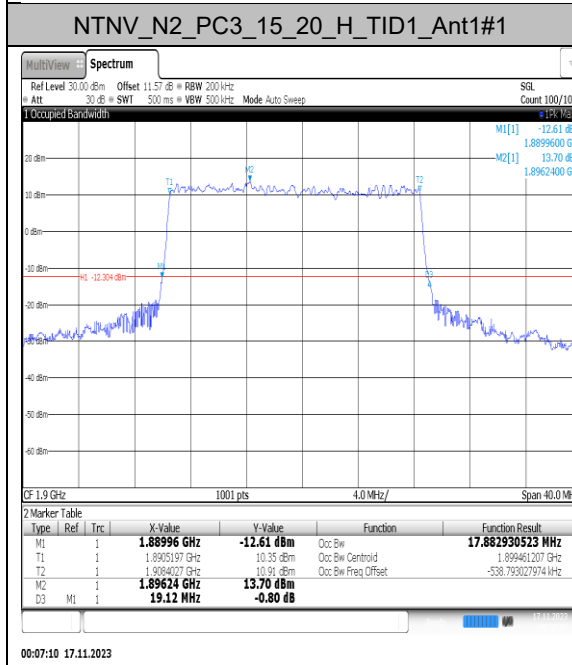
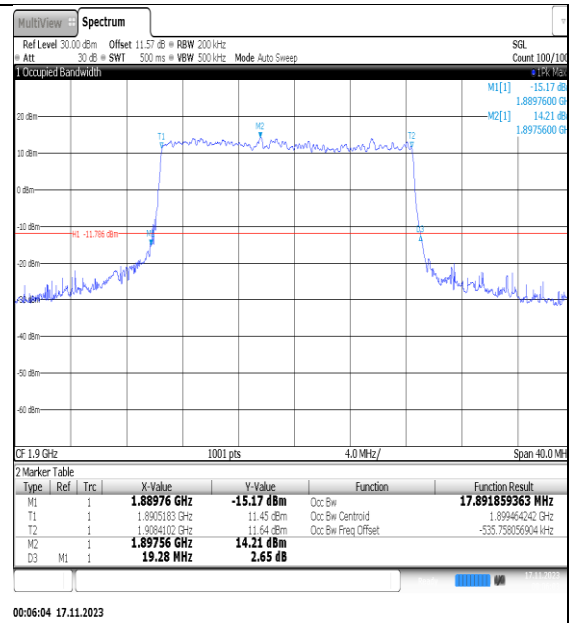
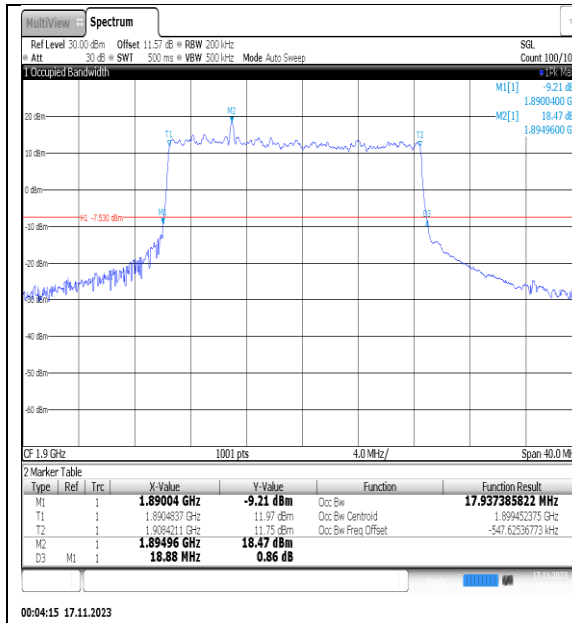
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NTNV_N2_PC3_15_20_M_TID4_Ant1#1



NTNV_N2_PC3_15_20_M_TID7_Ant#1

NTNV_N2_PC3_15_20_M_TID8_Ant#1



NTNV_N2_PC3_15_20_H_TID3_Ant1#1

NTNV_N2_PC3_15_20_H_TID4_Ant1#1