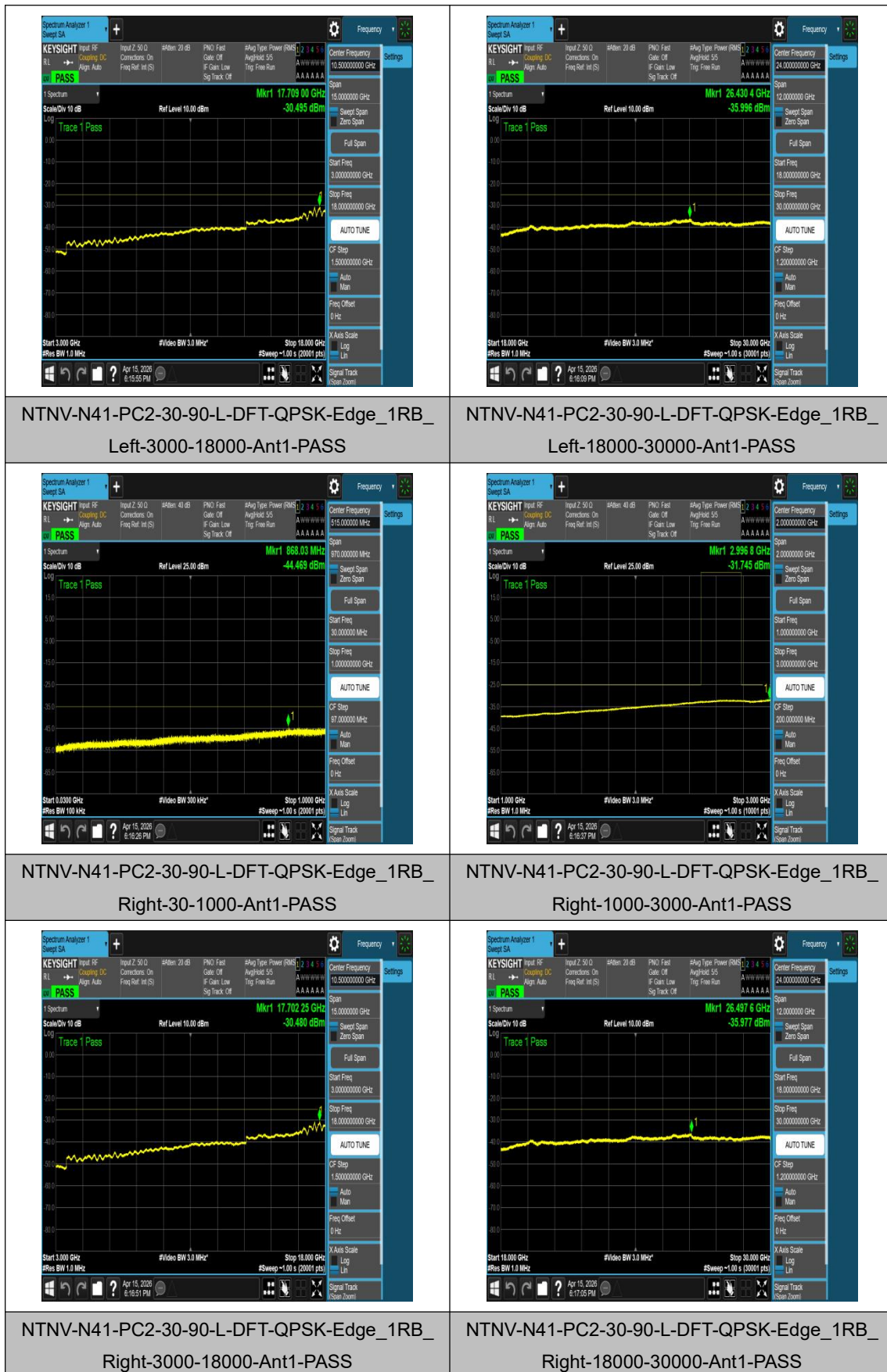
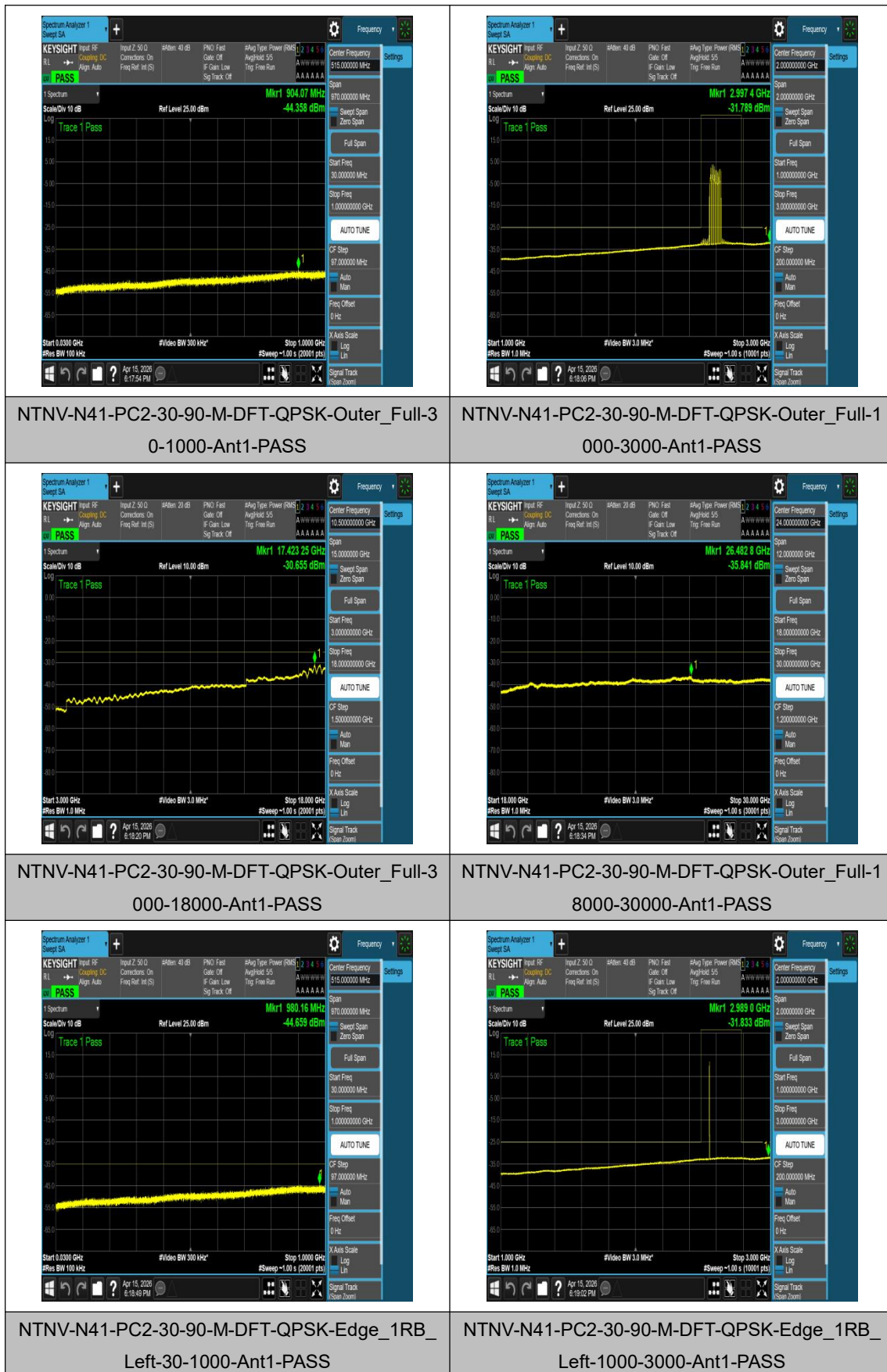
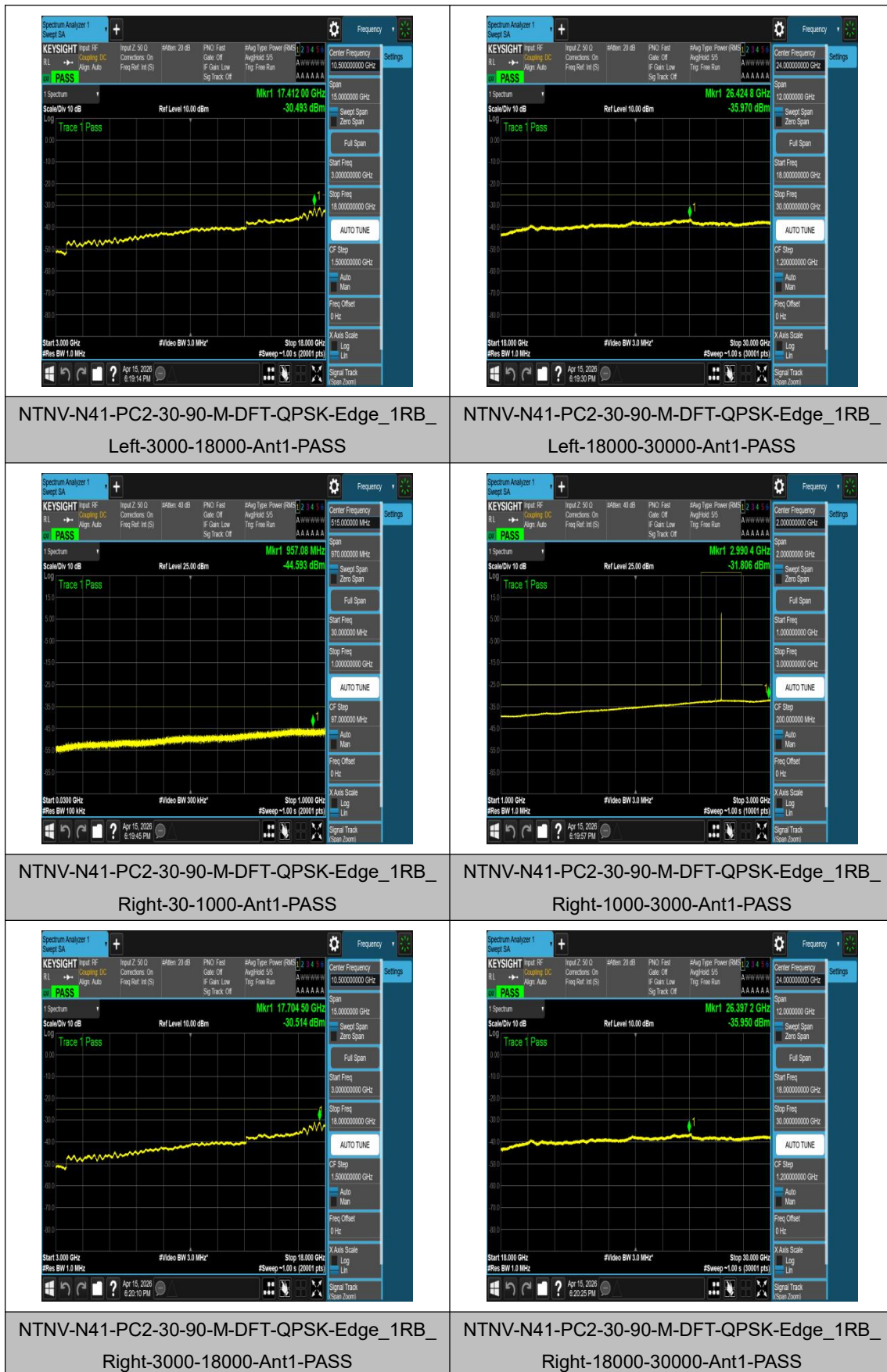
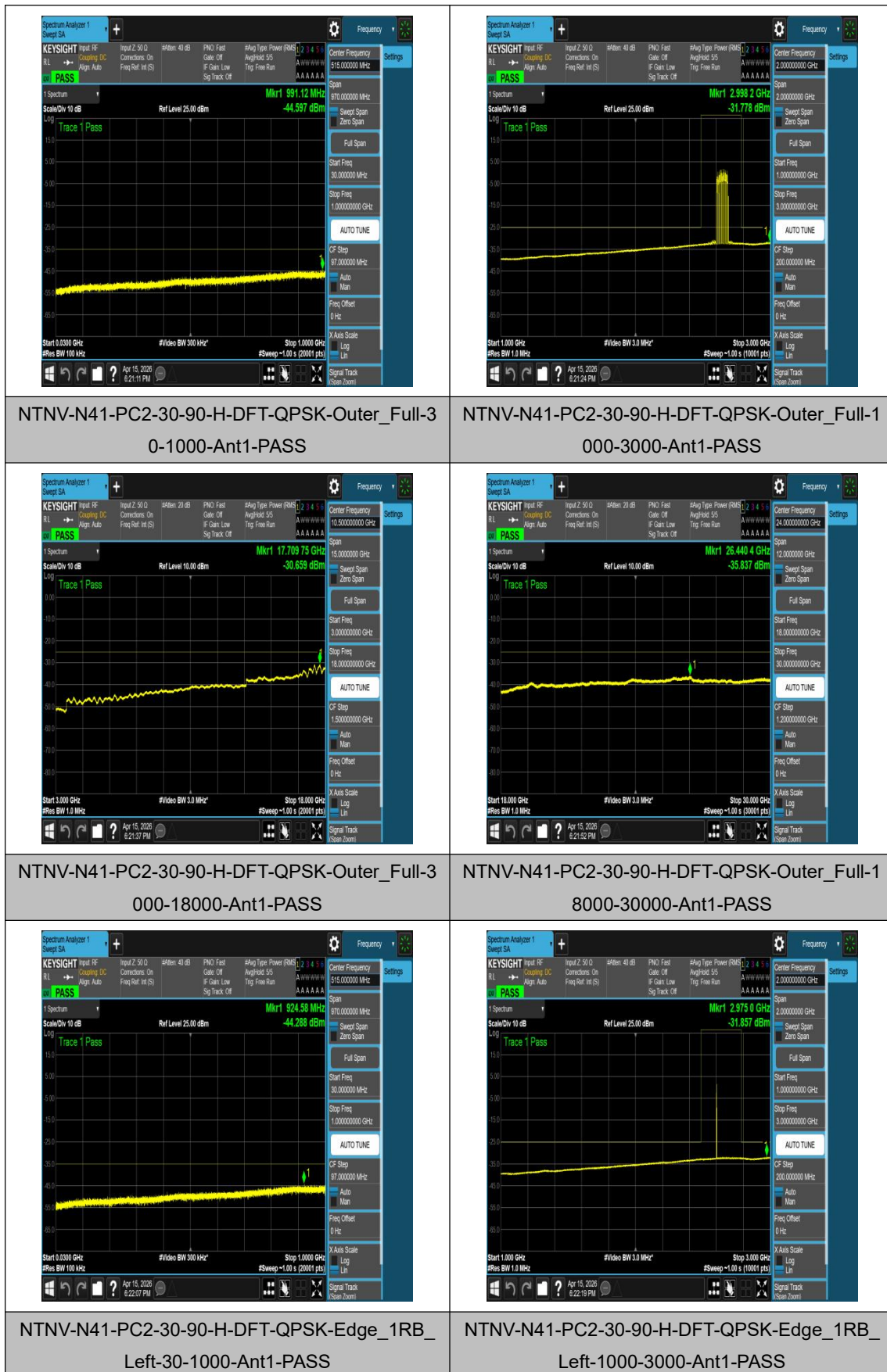
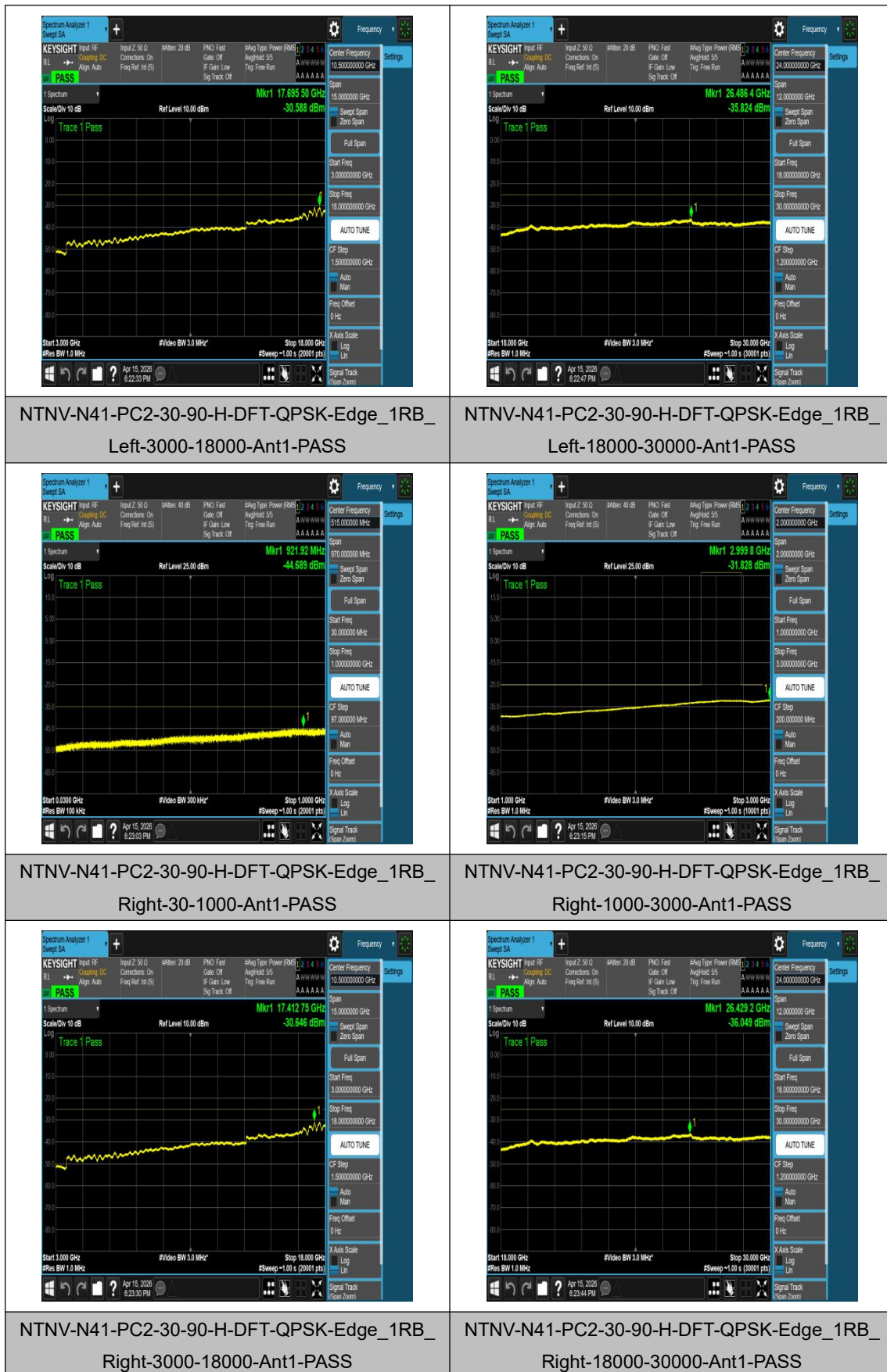


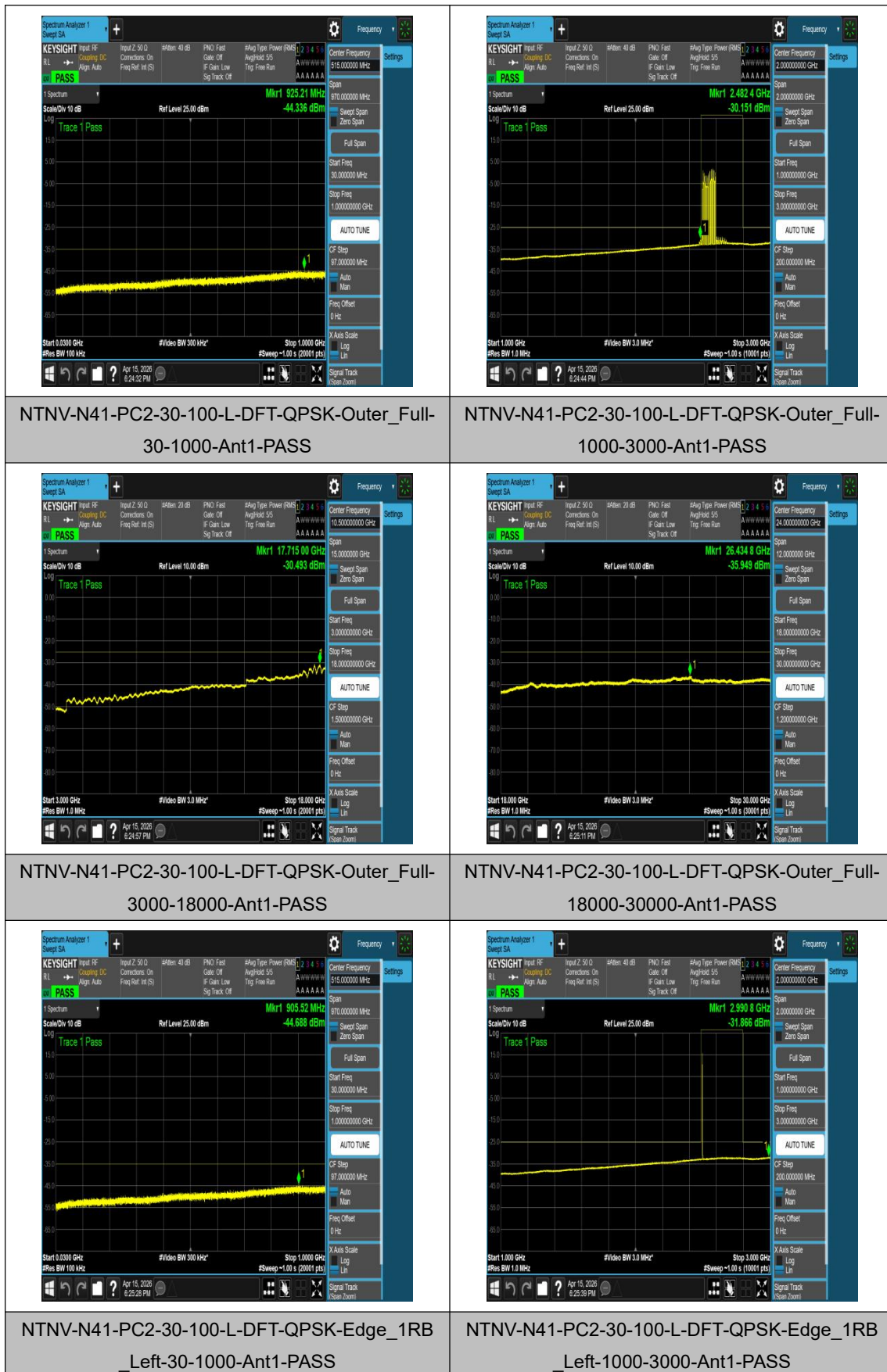


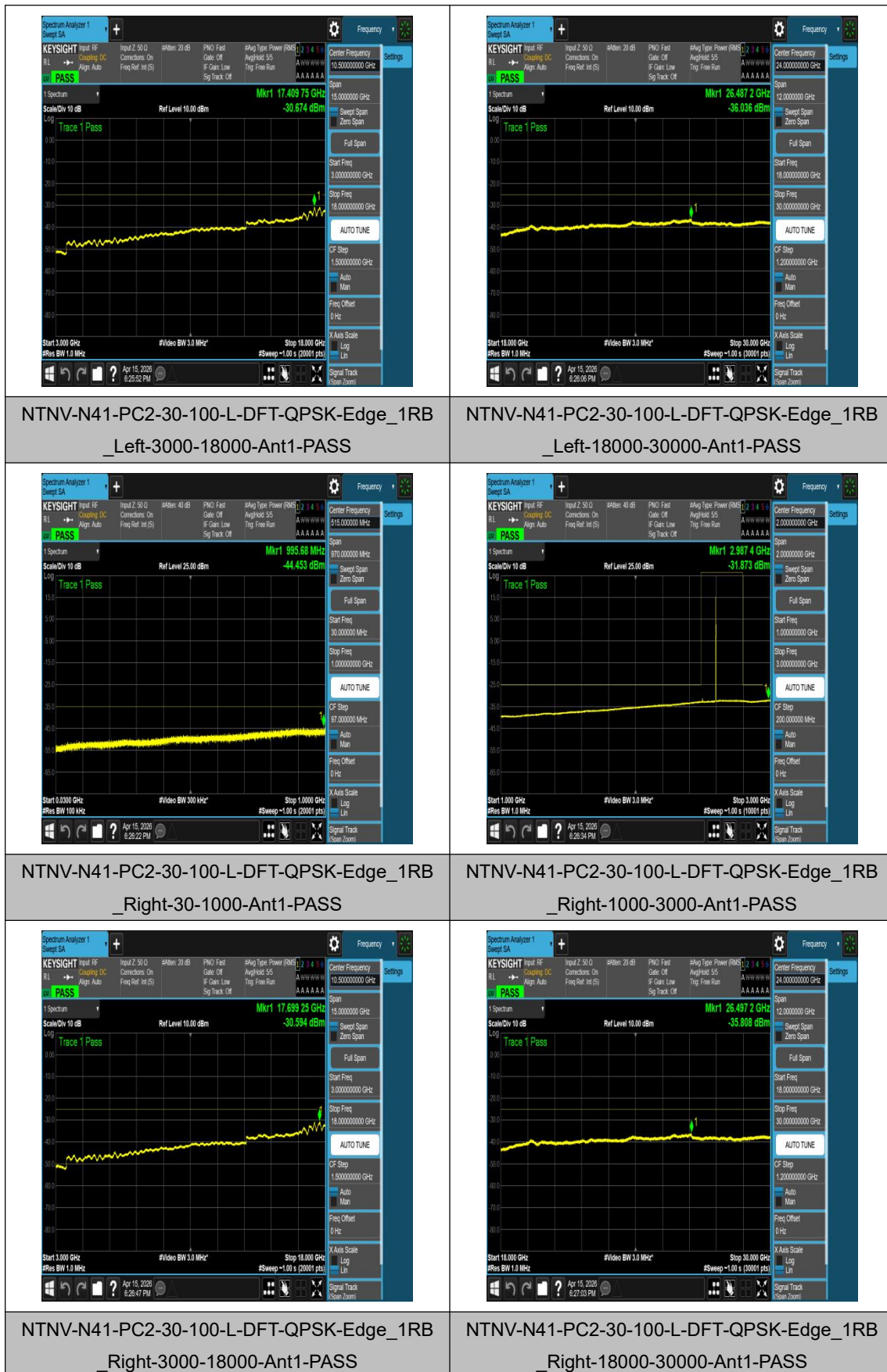


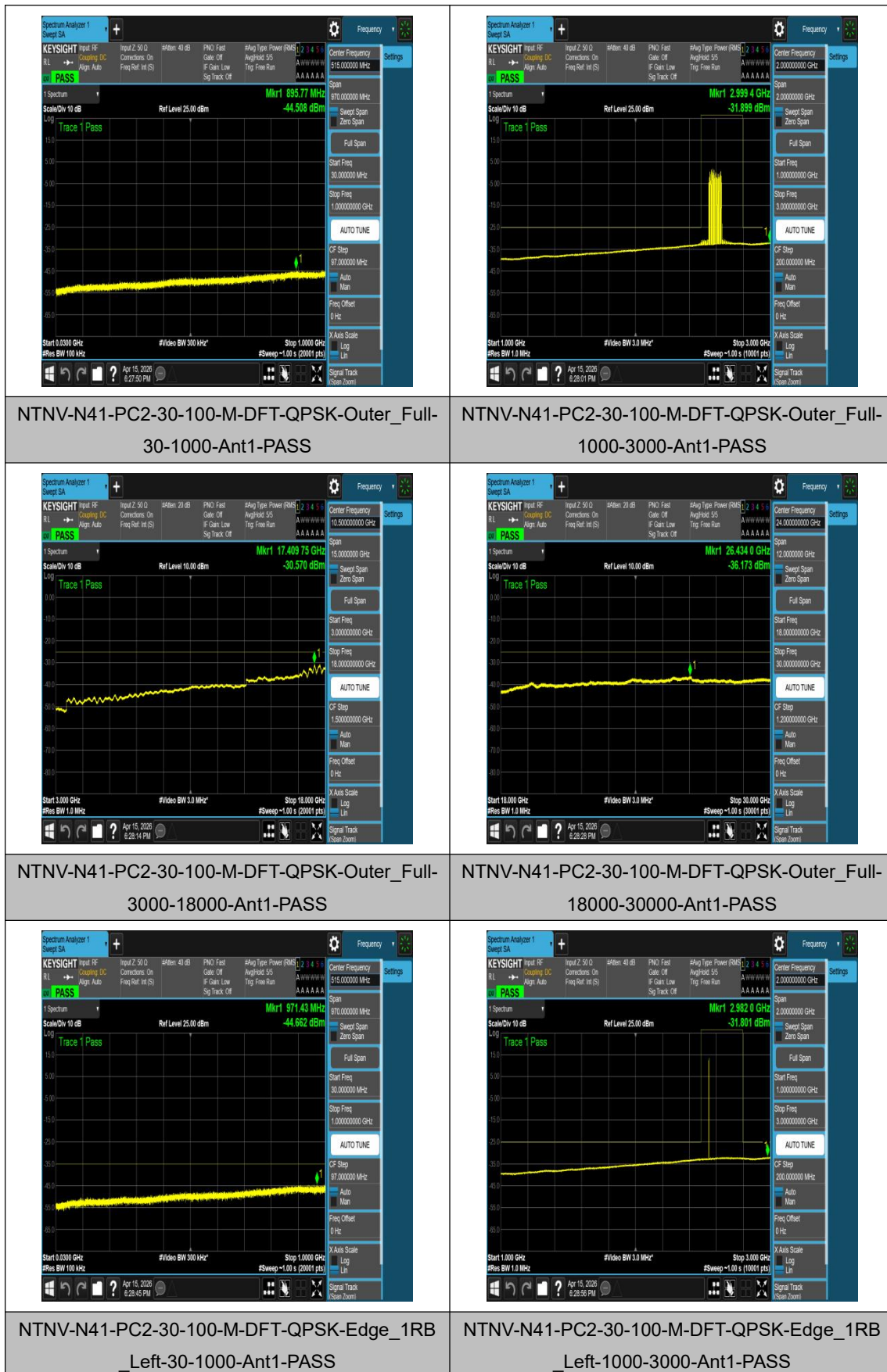


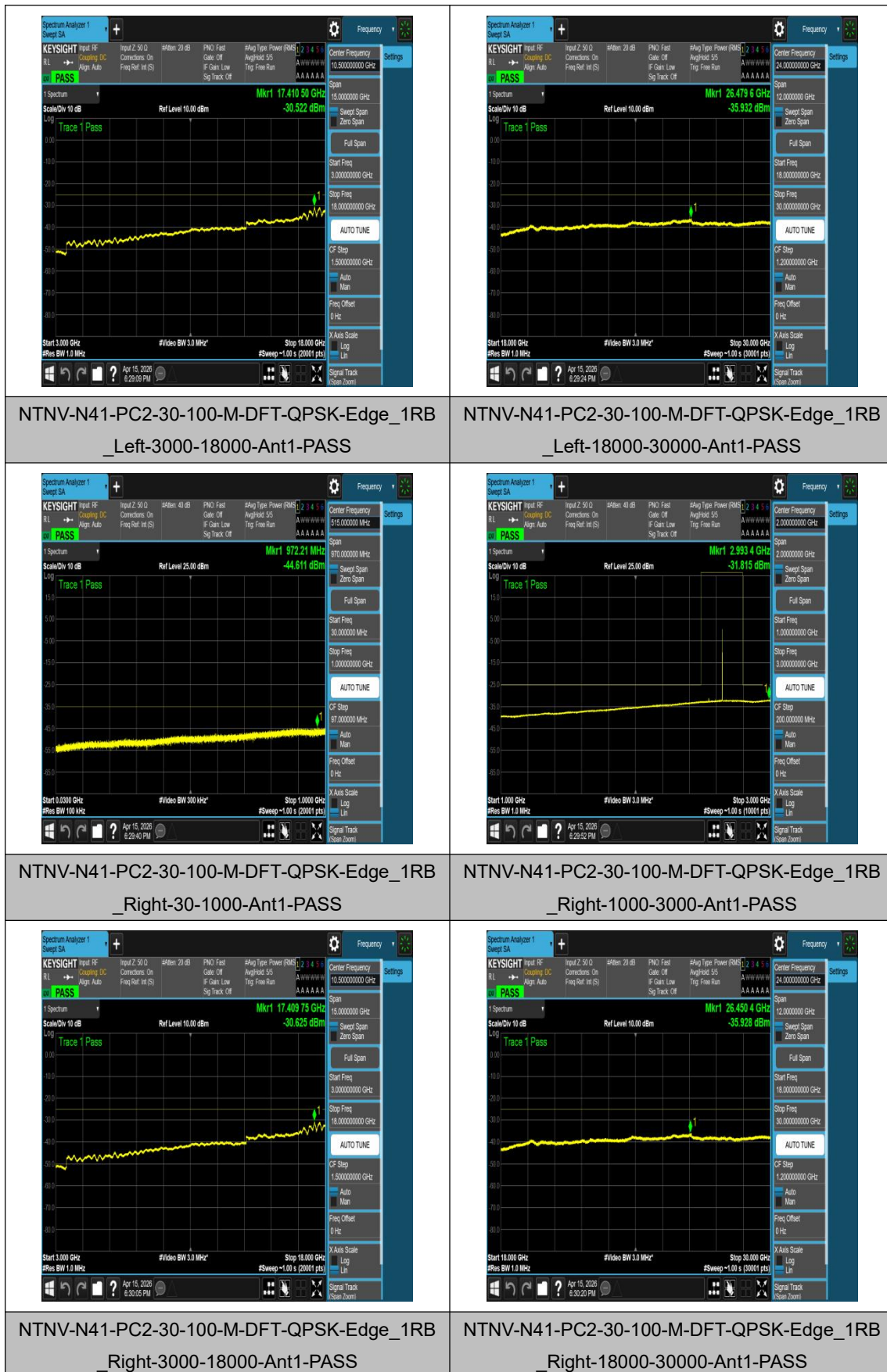


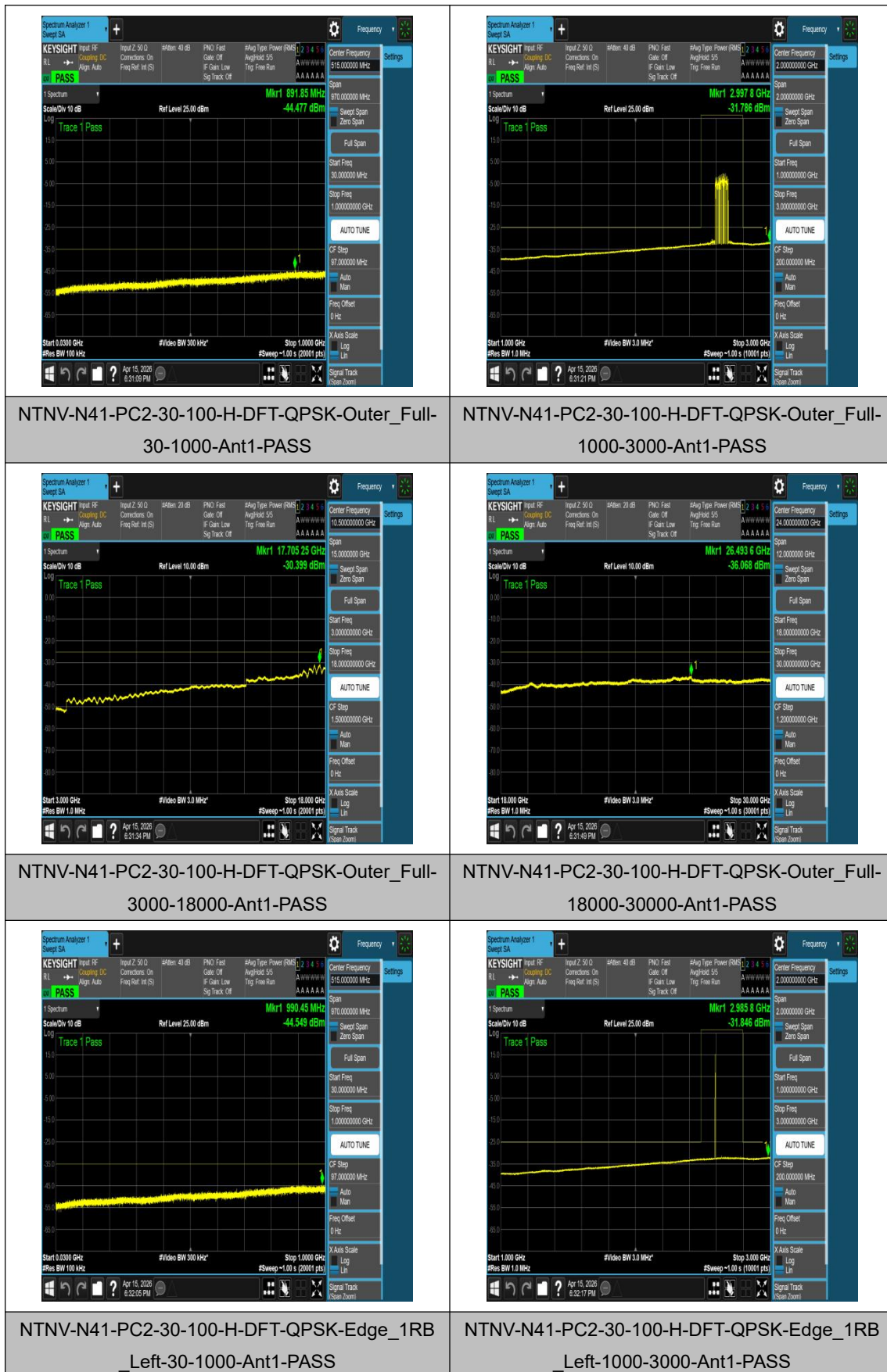


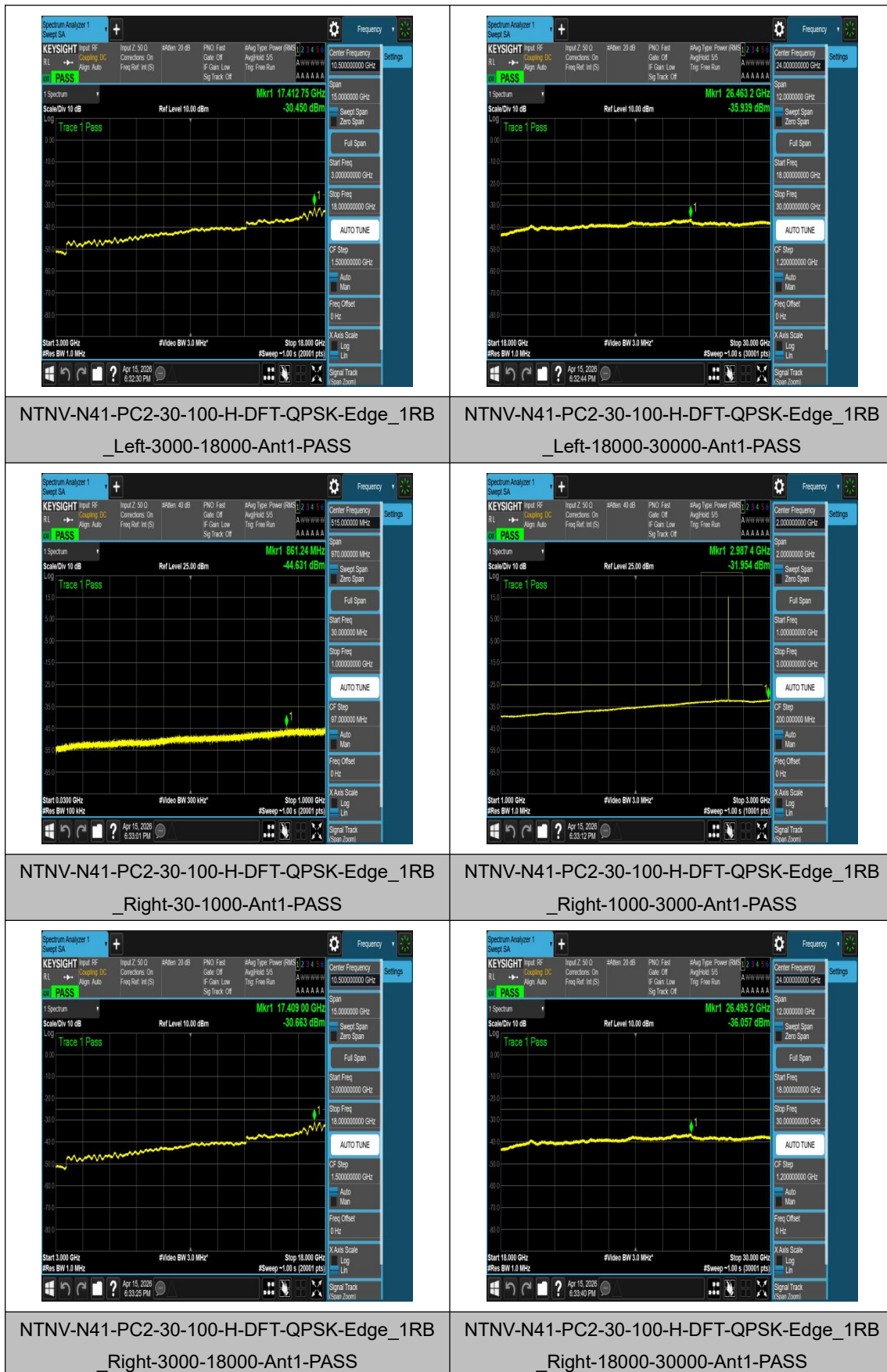












## Appendix F: Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

| Voltage |     |           |            |         |            |         |             |               |                 |         |
|---------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | VL      | NT          | -2.010000     | -0.000804       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | VN      | NT          | -9.350000     | -0.003738       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | VH      | NT          | -5.710000     | -0.002283       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | VL      | NT          | -7.000000     | -0.002799       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | VN      | NT          | -8.850000     | -0.003539       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | VH      | NT          | -4.640000     | -0.001855       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | VL      | NT          | -3.480000     | -0.001342       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | VN      | NT          | 0.630000      | 0.000243        | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | VH      | NT          | 0.510000      | 0.000197        | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | VL      | NT          | -7.400000     | -0.002854       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | VN      | NT          | -1.350000     | -0.000521       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | VH      | NT          | -2.020000     | -0.000779       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | H       | Outer_Full | VL      | NT          | -1.640000     | -0.000611       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | H       | Outer_Full | VN      | NT          | -4.970000     | -0.001851       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | H       | Outer_Full | VH      | NT          | -0.630000     | -0.000235       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | H       | Outer_Full | VL      | NT          | -5.440000     | -0.002026       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | H       | Outer_Full | VN      | NT          | -4.030000     | -0.001501       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | H       | Outer_Full | VH      | NT          | -6.730000     | -0.002507       | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | L       | Outer_Full | VL      | NT          | -7.420000     | -0.002964       | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | L       | Outer_Full | VN      | NT          | -5.420000     | -0.002165       | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | L       | Outer_Full | VH      | NT          | -5.170000     | -0.002065       | PASS    |
| N41     | 30  | 15        | DFT-16QAM  | L       | Outer_Full | VL      | NT          | -6.770000     | -0.002704       | PASS    |
| N41     | 30  | 15        | DFT-16QAM  | L       | Outer_Full | VN      | NT          | -7.850000     | -0.003136       | PASS    |
| N41     | 30  | 15        | DFT-16QAM  | L       | Outer_Full | VH      | NT          | -5.850000     | -0.002337       | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | M       | Outer_Full | VL      | NT          | 0.750000      | 0.000289        | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | M       | Outer_Full | VN      | NT          | -3.590000     | -0.001385       | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | M       | Outer_Full | VH      | NT          | 2.100000      | 0.000810        | PASS    |
| N41     | 30  | 15        | DFT-16QAM  | M       | Outer_Full | VL      | NT          | 0.430000      | 0.000166        | PASS    |
| N41     | 30  | 15        | DFT-16QAM  | M       | Outer_Full | VN      | NT          | -1.540000     | -0.000594       | PASS    |
| N41     | 30  | 15        | DFT-16QAM  | M       | Outer_Full | VH      | NT          | -1.410000     | -0.000544       | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | H       | Outer_Full | VL      | NT          | -3.330000     | -0.001241       | PASS    |
| N41     | 30  | 15        | DFT-QPSK   | H       | Outer_Full | VN      | NT          | -1.610000     | -0.000600       | PASS    |

|     |    |    |           |   |            |    |    |           |           |      |
|-----|----|----|-----------|---|------------|----|----|-----------|-----------|------|
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | VH | NT | -2.130000 | -0.000794 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | VL | NT | -4.710000 | -0.001756 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | VN | NT | -6.320000 | -0.002356 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | VH | NT | -7.340000 | -0.002736 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | VL | NT | 1.870000  | 0.000746  | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | VN | NT | -0.630000 | -0.000251 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | VH | NT | 0.890000  | 0.000355  | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | VL | NT | -1.280000 | -0.000511 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | VN | NT | -4.790000 | -0.001911 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | VH | NT | -1.240000 | -0.000495 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | VL | NT | -1.280000 | -0.000494 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | VN | NT | -1.950000 | -0.000752 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | VH | NT | -6.560000 | -0.002530 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | VL | NT | -3.720000 | -0.001435 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | VN | NT | -3.730000 | -0.001438 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | VH | NT | -0.800000 | -0.000309 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | VL | NT | 0.510000  | 0.000190  | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | VN | NT | -1.850000 | -0.000690 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | VH | NT | -0.330000 | -0.000123 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | VL | NT | -1.370000 | -0.000511 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | VN | NT | -1.780000 | -0.000664 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | VH | NT | -3.560000 | -0.001328 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | VL | NT | -3.750000 | -0.001493 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | VN | NT | -3.770000 | -0.001501 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | VH | NT | -0.920000 | -0.000366 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | VL | NT | -3.910000 | -0.001557 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | VN | NT | -2.580000 | -0.001027 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | VH | NT | -6.610000 | -0.002632 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | VL | NT | -6.390000 | -0.002464 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | VN | NT | -1.300000 | -0.000501 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | VH | NT | -5.890000 | -0.002272 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | VL | NT | -4.790000 | -0.001847 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | VN | NT | -3.040000 | -0.001172 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | VH | NT | -3.560000 | -0.001373 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | VL | NT | -2.480000 | -0.000927 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | VN | NT | -1.470000 | -0.000550 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | VH | NT | -1.260000 | -0.000471 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | VL | NT | -3.150000 | -0.001178 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | VN | NT | -2.010000 | -0.000751 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | VH | NT | -4.720000 | -0.001764 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | VL | NT | -6.160000 | -0.002448 | PASS |

|     |    |    |           |   |            |    |    |            |           |      |
|-----|----|----|-----------|---|------------|----|----|------------|-----------|------|
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | VN | NT | -4.570000  | -0.001816 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | VH | NT | -9.340000  | -0.003712 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | VL | NT | -4.990000  | -0.001983 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | VN | NT | -5.190000  | -0.002063 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | VH | NT | -2.910000  | -0.001157 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | VL | NT | -1.800000  | -0.000694 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | VN | NT | -7.560000  | -0.002916 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | VH | NT | -10.400000 | -0.004011 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | VL | NT | -4.980000  | -0.001921 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | VN | NT | -7.550000  | -0.002912 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | VH | NT | -8.830000  | -0.003405 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | VL | NT | -1.350000  | -0.000506 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | VN | NT | 1.230000   | 0.000461  | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | VH | NT | 0.740000   | 0.000277  | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | VL | NT | -1.990000  | -0.000745 | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | VN | NT | 3.300000   | 0.001236  | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | VH | NT | 3.480000   | 0.001303  | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | VL | NT | -3.630000  | -0.001440 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | VN | NT | -3.420000  | -0.001357 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | VH | NT | -1.790000  | -0.000710 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | VL | NT | -6.190000  | -0.002455 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | VN | NT | -0.500000  | -0.000198 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | VH | NT | -4.070000  | -0.001614 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | VL | NT | -2.840000  | -0.001095 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | VN | NT | -2.830000  | -0.001091 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | VH | NT | -2.160000  | -0.000833 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | VL | NT | -5.540000  | -0.002137 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | VN | NT | -4.290000  | -0.001654 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | VH | NT | -2.280000  | -0.000879 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | VL | NT | -7.900000  | -0.002964 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | VN | NT | -3.500000  | -0.001313 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | VH | NT | -3.630000  | -0.001362 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | VL | NT | -7.130000  | -0.002675 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | VN | NT | -7.310000  | -0.002743 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | VH | NT | -8.710000  | -0.003268 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | VL | NT | 4.230000   | 0.001675  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | VN | NT | 0.220000   | 0.000087  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | VH | NT | 3.580000   | 0.001417  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | VL | NT | 0.590000   | 0.000234  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | VN | NT | -1.510000  | -0.000598 | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | VH | NT | 1.410000   | 0.000558  | PASS |

|     |    |    |           |   |            |    |    |           |           |      |
|-----|----|----|-----------|---|------------|----|----|-----------|-----------|------|
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | VL | NT | 1.050000  | 0.000405  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | VN | NT | -4.250000 | -0.001639 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | VH | NT | -0.280000 | -0.000108 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | VL | NT | -3.310000 | -0.001277 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | VN | NT | -3.410000 | -0.001315 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | VH | NT | -1.610000 | -0.000621 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | VL | NT | -3.830000 | -0.001440 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | VN | NT | -0.240000 | -0.000090 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | VH | NT | -1.900000 | -0.000714 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | VL | NT | -4.860000 | -0.001827 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | VN | NT | -1.530000 | -0.000575 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | VH | NT | -4.110000 | -0.001545 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | VL | NT | -4.050000 | -0.001600 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | VN | NT | -3.030000 | -0.001197 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | VH | NT | -5.010000 | -0.001979 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | VL | NT | -6.860000 | -0.002710 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | VN | NT | -8.380000 | -0.003311 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | VH | NT | -6.530000 | -0.002580 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | VL | NT | 2.810000  | 0.001084  | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | VN | NT | 3.010000  | 0.001161  | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | VH | NT | -4.680000 | -0.001805 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | VL | NT | -5.570000 | -0.002148 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | VN | NT | -5.460000 | -0.002106 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | VH | NT | -4.410000 | -0.001701 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | VL | NT | -3.490000 | -0.001315 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | VN | NT | -3.580000 | -0.001348 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | VH | NT | -6.040000 | -0.002275 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | VL | NT | -4.460000 | -0.001680 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | VN | NT | -4.450000 | -0.001676 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | VH | NT | -7.780000 | -0.002930 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | VL | NT | -2.330000 | -0.000919 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | VN | NT | 1.200000  | 0.000473  | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | VH | NT | -8.030000 | -0.003166 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | VL | NT | -6.220000 | -0.002453 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | VN | NT | -4.270000 | -0.001684 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | VH | NT | -5.850000 | -0.002307 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | VL | NT | -0.280000 | -0.000108 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | VN | NT | -4.180000 | -0.001612 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | VH | NT | -3.750000 | -0.001446 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | VL | NT | -4.630000 | -0.001786 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | VN | NT | -9.910000 | -0.003822 | PASS |

|     |    |     |           |   |            |    |    |            |           |      |
|-----|----|-----|-----------|---|------------|----|----|------------|-----------|------|
| N41 | 30 | 80  | DFT-16QAM | M | Outer_Full | VH | NT | -6.400000  | -0.002468 | PASS |
| N41 | 30 | 80  | DFT-QPSK  | H | Outer_Full | VL | NT | -2.290000  | -0.000864 | PASS |
| N41 | 30 | 80  | DFT-QPSK  | H | Outer_Full | VN | NT | -1.820000  | -0.000687 | PASS |
| N41 | 30 | 80  | DFT-QPSK  | H | Outer_Full | VH | NT | -2.990000  | -0.001128 | PASS |
| N41 | 30 | 80  | DFT-16QAM | H | Outer_Full | VL | NT | -3.040000  | -0.001147 | PASS |
| N41 | 30 | 80  | DFT-16QAM | H | Outer_Full | VN | NT | -4.860000  | -0.001834 | PASS |
| N41 | 30 | 80  | DFT-16QAM | H | Outer_Full | VH | NT | -2.730000  | -0.001030 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | L | Outer_Full | VL | NT | -2.460000  | -0.000968 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | L | Outer_Full | VN | NT | -4.950000  | -0.001948 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | L | Outer_Full | VH | NT | -3.230000  | -0.001271 | PASS |
| N41 | 30 | 90  | DFT-16QAM | L | Outer_Full | VL | NT | -8.140000  | -0.003203 | PASS |
| N41 | 30 | 90  | DFT-16QAM | L | Outer_Full | VN | NT | -7.490000  | -0.002948 | PASS |
| N41 | 30 | 90  | DFT-16QAM | L | Outer_Full | VH | NT | -7.910000  | -0.003113 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | M | Outer_Full | VL | NT | -2.440000  | -0.000941 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | M | Outer_Full | VN | NT | -9.270000  | -0.003575 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | M | Outer_Full | VH | NT | -5.990000  | -0.002310 | PASS |
| N41 | 30 | 90  | DFT-16QAM | M | Outer_Full | VL | NT | -7.170000  | -0.002765 | PASS |
| N41 | 30 | 90  | DFT-16QAM | M | Outer_Full | VN | NT | -9.400000  | -0.003625 | PASS |
| N41 | 30 | 90  | DFT-16QAM | M | Outer_Full | VH | NT | -6.700000  | -0.002584 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | VL | NT | 5.330000   | 0.002015  | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | VN | NT | -1.500000  | -0.000567 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | VH | NT | -0.210000  | -0.000079 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | VL | NT | -5.990000  | -0.002265 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | VN | NT | -7.100000  | -0.002684 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | VH | NT | -2.770000  | -0.001047 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | VL | NT | -7.340000  | -0.002883 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | VN | NT | -3.710000  | -0.001457 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | VH | NT | -5.470000  | -0.002148 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | VL | NT | -3.970000  | -0.001559 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | VN | NT | -7.610000  | -0.002989 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | VH | NT | -7.160000  | -0.002812 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | VL | NT | -4.350000  | -0.001678 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | VN | NT | -1.480000  | -0.000571 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | VH | NT | -7.450000  | -0.002873 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | VL | NT | -5.600000  | -0.002160 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | VN | NT | -7.560000  | -0.002916 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | VH | NT | -6.880000  | -0.002653 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | VL | NT | -6.040000  | -0.002288 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | VN | NT | -1.290000  | -0.000489 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | VH | NT | -5.670000  | -0.002148 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | VL | NT | -13.140000 | -0.004977 | PASS |

|     |    |     |           |   |            |    |    |            |           |      |
|-----|----|-----|-----------|---|------------|----|----|------------|-----------|------|
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | VN | NT | -10.060000 | -0.003811 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | VH | NT | -6.220000  | -0.002356 | PASS |

**Frequency Error VS. Temperature**

| Voltage |     |           |            |         |            |         |             |               |                 |         |
|---------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | -30         | -6.740000     | -0.002695       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | -20         | -9.250000     | -0.003699       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | -10         | -5.390000     | -0.002155       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | 0           | -10.410000    | -0.004162       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | 10          | -2.320000     | -0.000928       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | 20          | -7.060000     | -0.002823       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | 30          | -5.210000     | -0.002083       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | 40          | -6.600000     | -0.002639       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | L       | Outer_Full | NV      | 50          | -3.530000     | -0.001411       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | -30         | -3.460000     | -0.001383       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | -20         | -6.760000     | -0.002703       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | -10         | -7.820000     | -0.003127       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | 0           | -3.740000     | -0.001495       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | 10          | -1.010000     | -0.000404       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | 20          | -0.160000     | -0.000064       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | 30          | -5.710000     | -0.002283       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | 40          | -4.690000     | -0.001875       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | L       | Outer_Full | NV      | 50          | -5.670000     | -0.002267       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | -30         | -0.480000     | -0.000185       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | -20         | -2.070000     | -0.000798       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | -10         | -2.450000     | -0.000945       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | 0           | -0.680000     | -0.000262       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | 10          | -1.040000     | -0.000401       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | 20          | -9.290000     | -0.003583       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | 30          | -3.380000     | -0.001304       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | 40          | -2.600000     | -0.001003       | PASS    |
| N41     | 30  | 10        | DFT-QPSK   | M       | Outer_Full | NV      | 50          | -1.010000     | -0.000390       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | NV      | -30         | -1.920000     | -0.000740       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | NV      | -20         | -1.450000     | -0.000559       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | NV      | -10         | -3.650000     | -0.001408       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | NV      | 0           | -9.090000     | -0.003506       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | NV      | 10          | -6.460000     | -0.002491       | PASS    |
| N41     | 30  | 10        | DFT-16QAM  | M       | Outer_Full | NV      | 20          | -4.630000     | -0.001786       | PASS    |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 10 | DFT-16QAM | M | Outer_Full | NV | 30  | -1.430000 | -0.000551 | PASS |
| N41 | 30 | 10 | DFT-16QAM | M | Outer_Full | NV | 40  | -5.100000 | -0.001967 | PASS |
| N41 | 30 | 10 | DFT-16QAM | M | Outer_Full | NV | 50  | -2.440000 | -0.000941 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | -30 | -4.750000 | -0.001769 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | -20 | -5.960000 | -0.002220 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | -10 | -1.370000 | -0.000510 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | 0   | -5.090000 | -0.001896 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | 10  | -2.000000 | -0.000745 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | 20  | -2.540000 | -0.000946 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | 30  | -6.640000 | -0.002473 | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | 40  | 0.070000  | 0.000026  | PASS |
| N41 | 30 | 10 | DFT-QPSK  | H | Outer_Full | NV | 50  | -4.980000 | -0.001855 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | -30 | 0.500000  | 0.000186  | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | -20 | -1.440000 | -0.000536 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | -10 | -5.150000 | -0.001918 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | 0   | -9.350000 | -0.003482 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | 10  | -6.370000 | -0.002372 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | 20  | -5.770000 | -0.002149 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | 30  | -2.140000 | -0.000797 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | 40  | -0.350000 | -0.000130 | PASS |
| N41 | 30 | 10 | DFT-16QAM | H | Outer_Full | NV | 50  | -1.830000 | -0.000682 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | -30 | 1.490000  | 0.000595  | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | -20 | -3.300000 | -0.001318 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | -10 | 0.440000  | 0.000176  | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | 0   | -3.300000 | -0.001318 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | 10  | -8.540000 | -0.003411 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | 20  | -3.160000 | -0.001262 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | 30  | -5.570000 | -0.002225 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | 40  | -8.900000 | -0.003555 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | L | Outer_Full | NV | 50  | -5.900000 | -0.002357 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | -30 | -4.130000 | -0.001650 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | -20 | -6.990000 | -0.002792 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | -10 | -2.650000 | -0.001059 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | 0   | -5.020000 | -0.002005 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | 10  | -6.320000 | -0.002524 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | 20  | -4.870000 | -0.001945 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | 30  | -6.510000 | -0.002600 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | 40  | -5.920000 | -0.002365 | PASS |
| N41 | 30 | 15 | DFT-16QAM | L | Outer_Full | NV | 50  | -3.810000 | -0.001522 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | -30 | -0.150000 | -0.000058 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | -20 | -3.770000 | -0.001454 | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | -10 | 1.700000  | 0.000656  | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | 0   | -4.310000 | -0.001662 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | 10  | -2.900000 | -0.001118 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | 20  | -0.840000 | -0.000324 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | 30  | -1.210000 | -0.000467 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | 40  | -4.180000 | -0.001612 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | M | Outer_Full | NV | 50  | -0.250000 | -0.000096 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | -30 | -1.190000 | -0.000459 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | -20 | -3.510000 | -0.001354 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | -10 | -3.890000 | -0.001500 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | 0   | -1.880000 | -0.000725 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | 10  | -1.870000 | -0.000721 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | 20  | 0.990000  | 0.000382  | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | 30  | -1.210000 | -0.000467 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | 40  | -6.760000 | -0.002607 | PASS |
| N41 | 30 | 15 | DFT-16QAM | M | Outer_Full | NV | 50  | 0.520000  | 0.000201  | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | -30 | -4.000000 | -0.001491 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | -20 | -3.890000 | -0.001450 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | -10 | -2.720000 | -0.001014 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | 0   | -2.590000 | -0.000966 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | 10  | -1.120000 | -0.000418 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | 20  | -4.720000 | -0.001760 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | 30  | -5.420000 | -0.002021 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | 40  | -3.720000 | -0.001387 | PASS |
| N41 | 30 | 15 | DFT-QPSK  | H | Outer_Full | NV | 50  | -3.630000 | -0.001353 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | -30 | -1.490000 | -0.000555 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | -20 | -2.760000 | -0.001029 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | -10 | -2.730000 | -0.001018 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | 0   | -4.170000 | -0.001555 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | 10  | -1.820000 | -0.000678 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | 20  | -1.290000 | -0.000481 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | 30  | -3.320000 | -0.001238 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | 40  | -2.010000 | -0.000749 | PASS |
| N41 | 30 | 15 | DFT-16QAM | H | Outer_Full | NV | 50  | -2.050000 | -0.000764 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | -30 | -3.950000 | -0.001576 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | -20 | -2.720000 | -0.001085 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | -10 | -1.580000 | -0.000630 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | 0   | 1.110000  | 0.000443  | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | 10  | -0.400000 | -0.000160 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | 20  | -3.980000 | -0.001588 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | 30  | 0.050000  | 0.000020  | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | 40  | -4.380000 | -0.001748 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | L | Outer_Full | NV | 50  | -1.760000 | -0.000702 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | -30 | -3.530000 | -0.001409 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | -20 | -1.780000 | -0.000710 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | -10 | -2.920000 | -0.001165 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | 0   | -4.160000 | -0.001660 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | 10  | -1.760000 | -0.000702 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | 20  | -3.440000 | -0.001373 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | 30  | -2.560000 | -0.001022 | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | 40  | 3.540000  | 0.001413  | PASS |
| N41 | 30 | 20 | DFT-16QAM | L | Outer_Full | NV | 50  | -2.350000 | -0.000938 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | -30 | -1.540000 | -0.000594 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | -20 | -5.010000 | -0.001932 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | -10 | -1.610000 | -0.000621 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | 0   | -3.530000 | -0.001361 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | 10  | -5.990000 | -0.002310 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | 20  | -4.990000 | -0.001924 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | 30  | -0.910000 | -0.000351 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | 40  | -4.760000 | -0.001836 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | M | Outer_Full | NV | 50  | -2.150000 | -0.000829 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | -30 | -4.360000 | -0.001681 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | -20 | -4.360000 | -0.001681 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | -10 | 0.420000  | 0.000162  | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | 0   | -7.780000 | -0.003000 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | 10  | -2.640000 | -0.001018 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | 20  | -5.210000 | -0.002009 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | 30  | -1.510000 | -0.000582 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | 40  | -4.820000 | -0.001859 | PASS |
| N41 | 30 | 20 | DFT-16QAM | M | Outer_Full | NV | 50  | -3.340000 | -0.001288 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | -30 | 0.700000  | 0.000261  | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | -20 | 0.390000  | 0.000146  | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | -10 | -0.250000 | -0.000093 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | 0   | 0.680000  | 0.000254  | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | 10  | -1.080000 | -0.000403 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | 20  | -4.990000 | -0.001862 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | 30  | 0.100000  | 0.000037  | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | 40  | -4.930000 | -0.001840 | PASS |
| N41 | 30 | 20 | DFT-QPSK  | H | Outer_Full | NV | 50  | -4.270000 | -0.001593 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | -30 | -2.400000 | -0.000896 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | -20 | -1.830000 | -0.000683 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | -10 | -7.120000 | -0.002657 | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | 0   | -5.570000 | -0.002078 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | 10  | -2.940000 | -0.001097 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | 20  | -6.900000 | -0.002575 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | 30  | -1.850000 | -0.000690 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | 40  | -2.550000 | -0.000951 | PASS |
| N41 | 30 | 20 | DFT-16QAM | H | Outer_Full | NV | 50  | -2.850000 | -0.001063 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | -30 | -3.940000 | -0.001569 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | -20 | -3.440000 | -0.001370 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | -10 | -3.830000 | -0.001525 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | 0   | -0.320000 | -0.000127 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | 10  | -0.480000 | -0.000191 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | 20  | -4.110000 | -0.001637 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | 30  | -3.400000 | -0.001354 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | 40  | -5.210000 | -0.002075 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | L | Outer_Full | NV | 50  | -8.190000 | -0.003262 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | -30 | -1.590000 | -0.000633 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | -20 | -2.740000 | -0.001091 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | -10 | -3.360000 | -0.001338 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | 0   | 1.530000  | 0.000609  | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | 10  | -0.600000 | -0.000239 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | 20  | -0.330000 | -0.000131 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | 30  | 1.200000  | 0.000478  | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | 40  | -3.390000 | -0.001350 | PASS |
| N41 | 30 | 30 | DFT-16QAM | L | Outer_Full | NV | 50  | -1.350000 | -0.000538 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | -30 | -3.610000 | -0.001392 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | -20 | -4.690000 | -0.001809 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | -10 | -1.810000 | -0.000698 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | 0   | -1.890000 | -0.000729 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | 10  | -2.070000 | -0.000798 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | 20  | -2.380000 | -0.000918 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | 30  | -1.420000 | -0.000548 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | 40  | -7.490000 | -0.002889 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | M | Outer_Full | NV | 50  | -3.100000 | -0.001196 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | -30 | 0.330000  | 0.000127  | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | -20 | -5.070000 | -0.001955 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | -10 | -2.490000 | -0.000960 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | 0   | -5.800000 | -0.002237 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | 10  | -2.730000 | -0.001053 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | 20  | -5.820000 | -0.002245 | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | 30  | 0.070000  | 0.000027  | PASS |
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | 40  | -2.230000 | -0.000860 | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 30 | DFT-16QAM | M | Outer_Full | NV | 50  | -2.020000 | -0.000779 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | -30 | -1.250000 | -0.000467 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | -20 | -1.070000 | -0.000400 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | -10 | -1.480000 | -0.000553 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | 0   | 0.980000  | 0.000366  | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | 10  | -5.760000 | -0.002153 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | 20  | -5.630000 | -0.002105 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | 30  | -2.720000 | -0.001017 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | 40  | -0.870000 | -0.000325 | PASS |
| N41 | 30 | 30 | DFT-QPSK  | H | Outer_Full | NV | 50  | -4.140000 | -0.001548 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | -30 | -3.570000 | -0.001335 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | -20 | -4.170000 | -0.001559 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | -10 | -5.850000 | -0.002187 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | 0   | -1.320000 | -0.000493 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | 10  | -0.510000 | -0.000191 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | 20  | -4.510000 | -0.001686 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | 30  | -2.640000 | -0.000987 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | 40  | -1.490000 | -0.000557 | PASS |
| N41 | 30 | 30 | DFT-16QAM | H | Outer_Full | NV | 50  | -3.630000 | -0.001357 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | -30 | -7.380000 | -0.002933 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | -20 | -5.760000 | -0.002289 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | -10 | -5.780000 | -0.002297 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | 0   | -2.340000 | -0.000930 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | 10  | -6.150000 | -0.002444 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | 20  | -7.310000 | -0.002905 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | 30  | -7.250000 | -0.002882 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | 40  | -7.240000 | -0.002878 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | L | Outer_Full | NV | 50  | -9.110000 | -0.003621 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | -30 | -4.700000 | -0.001868 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | -20 | -7.280000 | -0.002893 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | -10 | -4.520000 | -0.001796 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | 0   | -3.350000 | -0.001331 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | 10  | -8.140000 | -0.003235 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | 20  | -5.010000 | -0.001991 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | 30  | -5.800000 | -0.002305 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | 40  | -3.250000 | -0.001292 | PASS |
| N41 | 30 | 40 | DFT-16QAM | L | Outer_Full | NV | 50  | -5.080000 | -0.002019 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | -30 | -3.580000 | -0.001381 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | -20 | -1.940000 | -0.000748 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | -10 | -9.480000 | -0.003656 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | 0   | -5.910000 | -0.002279 | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | 10  | -3.990000 | -0.001539 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | 20  | -4.570000 | -0.001762 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | 30  | -4.820000 | -0.001859 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | 40  | -4.890000 | -0.001886 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | M | Outer_Full | NV | 50  | -6.320000 | -0.002437 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | -30 | -8.600000 | -0.003317 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | -20 | -6.570000 | -0.002534 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | -10 | -6.450000 | -0.002487 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | 0   | -4.530000 | -0.001747 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | 10  | -9.070000 | -0.003498 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | 20  | -8.440000 | -0.003255 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | 30  | -6.340000 | -0.002445 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | 40  | -6.900000 | -0.002661 | PASS |
| N41 | 30 | 40 | DFT-16QAM | M | Outer_Full | NV | 50  | -2.300000 | -0.000887 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | -30 | 3.400000  | 0.001273  | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | -20 | 2.210000  | 0.000828  | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | -10 | 2.410000  | 0.000903  | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | 0   | -1.420000 | -0.000532 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | 10  | 0.840000  | 0.000315  | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | 20  | 0.850000  | 0.000318  | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | 30  | -0.780000 | -0.000292 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | 40  | -0.870000 | -0.000326 | PASS |
| N41 | 30 | 40 | DFT-QPSK  | H | Outer_Full | NV | 50  | -0.290000 | -0.000109 | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | -30 | 1.290000  | 0.000483  | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | -20 | 0.350000  | 0.000131  | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | -10 | 1.240000  | 0.000464  | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | 0   | -1.400000 | -0.000524 | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | 10  | 2.810000  | 0.001052  | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | 20  | -2.220000 | -0.000831 | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | 30  | -0.540000 | -0.000202 | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | 40  | 2.870000  | 0.001075  | PASS |
| N41 | 30 | 40 | DFT-16QAM | H | Outer_Full | NV | 50  | 0.640000  | 0.000240  | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | -30 | -2.400000 | -0.000952 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | -20 | -4.240000 | -0.001682 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | -10 | -3.400000 | -0.001349 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | 0   | -3.750000 | -0.001487 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | 10  | 1.140000  | 0.000452  | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | 20  | -1.290000 | -0.000512 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | 30  | -1.870000 | -0.000742 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | 40  | -3.260000 | -0.001293 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | L | Outer_Full | NV | 50  | -2.180000 | -0.000865 | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | -30 | -2.370000 | -0.000940 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | -20 | -1.690000 | -0.000670 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | -10 | -3.170000 | -0.001257 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | 0   | -7.280000 | -0.002888 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | 10  | -1.840000 | -0.000730 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | 20  | -3.890000 | -0.001543 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | 30  | -0.780000 | -0.000309 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | 40  | -0.580000 | -0.000230 | PASS |
| N41 | 30 | 50 | DFT-16QAM | L | Outer_Full | NV | 50  | 5.120000  | 0.002031  | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | -30 | -1.440000 | -0.000555 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | -20 | -2.370000 | -0.000914 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | -10 | -3.230000 | -0.001246 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | 0   | -0.420000 | -0.000162 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | 10  | -2.500000 | -0.000964 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | 20  | -2.430000 | -0.000937 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | 30  | -1.890000 | -0.000729 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | 40  | -2.630000 | -0.001014 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | M | Outer_Full | NV | 50  | -4.110000 | -0.001585 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | -30 | -5.060000 | -0.001951 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | -20 | -2.690000 | -0.001037 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | -10 | -2.340000 | -0.000902 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | 0   | -4.140000 | -0.001597 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | 10  | -4.300000 | -0.001658 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | 20  | -2.680000 | -0.001034 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | 30  | -9.020000 | -0.003479 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | 40  | -5.120000 | -0.001975 | PASS |
| N41 | 30 | 50 | DFT-16QAM | M | Outer_Full | NV | 50  | -1.930000 | -0.000744 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | -30 | -5.620000 | -0.002109 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | -20 | -4.680000 | -0.001756 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | -10 | -4.100000 | -0.001538 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | 0   | -7.700000 | -0.002889 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | 10  | -3.000000 | -0.001126 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | 20  | -6.330000 | -0.002375 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | 30  | -1.740000 | -0.000653 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | 40  | -4.320000 | -0.001621 | PASS |
| N41 | 30 | 50 | DFT-QPSK  | H | Outer_Full | NV | 50  | -4.740000 | -0.001779 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | -30 | -4.320000 | -0.001621 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | -20 | -3.110000 | -0.001167 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | -10 | -7.570000 | -0.002841 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | 0   | -5.560000 | -0.002086 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | 10  | -4.130000 | -0.001550 | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | 20  | -6.790000 | -0.002548 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | 30  | -3.500000 | -0.001313 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | 40  | -2.330000 | -0.000874 | PASS |
| N41 | 30 | 50 | DFT-16QAM | H | Outer_Full | NV | 50  | -4.770000 | -0.001790 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | -30 | 4.960000  | 0.001964  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | -20 | 2.960000  | 0.001172  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | -10 | 2.850000  | 0.001128  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | 0   | 0.010000  | 0.000004  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | 10  | -0.170000 | -0.000067 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | 20  | 0.880000  | 0.000348  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | 30  | -1.960000 | -0.000776 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | 40  | -0.020000 | -0.000008 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | L | Outer_Full | NV | 50  | 0.010000  | 0.000004  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | -30 | 0.210000  | 0.000083  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | -20 | 4.030000  | 0.001595  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | -10 | 0.730000  | 0.000289  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | 0   | 0.670000  | 0.000265  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | 10  | -1.110000 | -0.000439 | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | 20  | 1.390000  | 0.000550  | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | 30  | -1.690000 | -0.000669 | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | 40  | -2.010000 | -0.000796 | PASS |
| N41 | 30 | 60 | DFT-16QAM | L | Outer_Full | NV | 50  | 0.580000  | 0.000230  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | -30 | -2.620000 | -0.001010 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | -20 | -4.630000 | -0.001786 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | -10 | -4.370000 | -0.001685 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | 0   | -2.720000 | -0.001049 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | 10  | -1.080000 | -0.000417 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | 20  | -1.930000 | -0.000744 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | 30  | -3.660000 | -0.001411 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | 40  | -0.790000 | -0.000305 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | M | Outer_Full | NV | 50  | -2.260000 | -0.000872 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | -30 | -9.560000 | -0.003687 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | -20 | -2.120000 | -0.000818 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | -10 | -3.510000 | -0.001354 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | 0   | -4.220000 | -0.001627 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | 10  | -0.710000 | -0.000274 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | 20  | -4.650000 | -0.001793 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | 30  | -3.210000 | -0.001238 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | 40  | -6.430000 | -0.002480 | PASS |
| N41 | 30 | 60 | DFT-16QAM | M | Outer_Full | NV | 50  | -3.270000 | -0.001261 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | -30 | -8.760000 | -0.003293 | PASS |

|     |    |    |           |   |            |    |     |            |           |      |
|-----|----|----|-----------|---|------------|----|-----|------------|-----------|------|
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | -20 | -4.500000  | -0.001692 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | -10 | -0.390000  | -0.000147 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | 0   | -1.070000  | -0.000402 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | 10  | -3.610000  | -0.001357 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | 20  | 0.180000   | 0.000068  | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | 30  | -0.270000  | -0.000102 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | 40  | -4.730000  | -0.001778 | PASS |
| N41 | 30 | 60 | DFT-QPSK  | H | Outer_Full | NV | 50  | -6.140000  | -0.002308 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | -30 | -2.950000  | -0.001109 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | -20 | -4.680000  | -0.001759 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | -10 | -6.730000  | -0.002530 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | 0   | -0.160000  | -0.000060 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | 10  | -0.150000  | -0.000056 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | 20  | -6.360000  | -0.002391 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | 30  | -0.890000  | -0.000335 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | 40  | -3.580000  | -0.001346 | PASS |
| N41 | 30 | 60 | DFT-16QAM | H | Outer_Full | NV | 50  | -3.270000  | -0.001229 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | -30 | -6.790000  | -0.002683 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | -20 | -6.340000  | -0.002505 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | -10 | -7.410000  | -0.002928 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | 0   | -6.120000  | -0.002418 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | 10  | -0.910000  | -0.000360 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | 20  | -9.170000  | -0.003623 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | 30  | 2.010000   | 0.000794  | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | 40  | -7.440000  | -0.002940 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | L | Outer_Full | NV | 50  | -5.490000  | -0.002169 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | -30 | -3.440000  | -0.001359 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | -20 | -3.080000  | -0.001217 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | -10 | -3.600000  | -0.001422 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | 0   | -8.280000  | -0.003271 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | 10  | -3.840000  | -0.001517 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | 20  | -12.970000 | -0.005124 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | 30  | -4.490000  | -0.001774 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | 40  | -3.440000  | -0.001359 | PASS |
| N41 | 30 | 70 | DFT-16QAM | L | Outer_Full | NV | 50  | -1.020000  | -0.000403 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | -30 | -4.960000  | -0.001913 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | -20 | 0.420000   | 0.000162  | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | -10 | -4.030000  | -0.001554 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | 0   | -1.370000  | -0.000528 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | 10  | -3.150000  | -0.001215 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | 20  | -4.390000  | -0.001693 | PASS |

|     |    |    |           |   |            |    |     |            |           |      |
|-----|----|----|-----------|---|------------|----|-----|------------|-----------|------|
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | 30  | -0.820000  | -0.000316 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | 40  | -3.440000  | -0.001327 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | M | Outer_Full | NV | 50  | -1.120000  | -0.000432 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | -30 | -5.740000  | -0.002214 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | -20 | -5.990000  | -0.002310 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | -10 | -0.750000  | -0.000289 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | 0   | -5.640000  | -0.002175 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | 10  | -5.130000  | -0.001978 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | 20  | -1.090000  | -0.000420 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | 30  | -3.740000  | -0.001442 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | 40  | -2.720000  | -0.001049 | PASS |
| N41 | 30 | 70 | DFT-16QAM | M | Outer_Full | NV | 50  | -1.110000  | -0.000428 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | -30 | -6.360000  | -0.002395 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | -20 | -5.350000  | -0.002015 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | -10 | -5.980000  | -0.002252 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | 0   | -5.460000  | -0.002056 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | 10  | -9.270000  | -0.003492 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | 20  | -6.540000  | -0.002463 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | 30  | -3.980000  | -0.001499 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | 40  | -3.210000  | -0.001209 | PASS |
| N41 | 30 | 70 | DFT-QPSK  | H | Outer_Full | NV | 50  | -7.190000  | -0.002708 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | -30 | -6.860000  | -0.002584 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | -20 | -5.780000  | -0.002177 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | -10 | -8.990000  | -0.003386 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | 0   | -3.410000  | -0.001284 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | 10  | -10.120000 | -0.003812 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | 20  | -7.530000  | -0.002836 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | 30  | -10.590000 | -0.003989 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | 40  | -6.280000  | -0.002365 | PASS |
| N41 | 30 | 70 | DFT-16QAM | H | Outer_Full | NV | 50  | -9.580000  | -0.003608 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | -30 | -2.680000  | -0.001057 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | -20 | 0.260000   | 0.000103  | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | -10 | -4.210000  | -0.001660 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | 0   | -3.910000  | -0.001542 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | 10  | -0.890000  | -0.000351 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | 20  | -3.850000  | -0.001518 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | 30  | -2.600000  | -0.001025 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | 40  | -2.040000  | -0.000804 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | L | Outer_Full | NV | 50  | -1.470000  | -0.000580 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | -30 | -4.960000  | -0.001956 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | -20 | -5.430000  | -0.002141 | PASS |

|     |    |    |           |   |            |    |     |           |           |      |
|-----|----|----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | -10 | 0.050000  | 0.000020  | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | 0   | -1.520000 | -0.000599 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | 10  | -2.290000 | -0.000903 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | 20  | -2.950000 | -0.001163 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | 30  | -0.500000 | -0.000197 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | 40  | -6.040000 | -0.002382 | PASS |
| N41 | 30 | 80 | DFT-16QAM | L | Outer_Full | NV | 50  | -6.140000 | -0.002421 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | -30 | -4.860000 | -0.001874 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | -20 | -3.930000 | -0.001516 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | -10 | -5.640000 | -0.002175 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | 0   | -6.050000 | -0.002333 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | 10  | -2.540000 | -0.000980 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | 20  | -9.620000 | -0.003710 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | 30  | -4.510000 | -0.001739 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | 40  | -6.490000 | -0.002503 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | M | Outer_Full | NV | 50  | -4.290000 | -0.001654 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | -30 | -7.440000 | -0.002869 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | -20 | -8.900000 | -0.003432 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | -10 | -3.630000 | -0.001400 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | 0   | -5.980000 | -0.002306 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | 10  | -6.020000 | -0.002322 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | 20  | -4.280000 | -0.001651 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | 30  | -5.200000 | -0.002005 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | 40  | -7.590000 | -0.002927 | PASS |
| N41 | 30 | 80 | DFT-16QAM | M | Outer_Full | NV | 50  | -5.790000 | -0.002233 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | -30 | -2.850000 | -0.001075 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | -20 | -3.350000 | -0.001264 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | -10 | -1.620000 | -0.000611 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | 0   | -4.260000 | -0.001608 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | 10  | -3.580000 | -0.001351 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | 20  | -4.410000 | -0.001664 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | 30  | -0.760000 | -0.000287 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | 40  | -2.440000 | -0.000921 | PASS |
| N41 | 30 | 80 | DFT-QPSK  | H | Outer_Full | NV | 50  | -4.310000 | -0.001626 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | -30 | -0.390000 | -0.000147 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | -20 | -3.690000 | -0.001392 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | -10 | -1.500000 | -0.000566 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | 0   | -3.600000 | -0.001358 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | 10  | -4.840000 | -0.001826 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | 20  | -6.880000 | -0.002596 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | 30  | -7.040000 | -0.002657 | PASS |

|     |    |    |           |   |            |    |     |            |           |      |
|-----|----|----|-----------|---|------------|----|-----|------------|-----------|------|
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | 40  | -3.380000  | -0.001275 | PASS |
| N41 | 30 | 80 | DFT-16QAM | H | Outer_Full | NV | 50  | -4.920000  | -0.001857 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | -30 | -7.890000  | -0.003105 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | -20 | -6.490000  | -0.002554 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | -10 | -7.020000  | -0.002763 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | 0   | -2.770000  | -0.001090 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | 10  | -5.520000  | -0.002172 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | 20  | -6.560000  | -0.002582 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | 30  | -2.660000  | -0.001047 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | 40  | -2.560000  | -0.001007 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | L | Outer_Full | NV | 50  | -9.520000  | -0.003747 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | -30 | -3.190000  | -0.001255 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | -20 | -5.660000  | -0.002227 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | -10 | -2.530000  | -0.000996 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | 0   | -9.610000  | -0.003782 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | 10  | -6.500000  | -0.002558 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | 20  | -4.360000  | -0.001716 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | 30  | -3.090000  | -0.001216 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | 40  | -3.910000  | -0.001539 | PASS |
| N41 | 30 | 90 | DFT-16QAM | L | Outer_Full | NV | 50  | -4.060000  | -0.001598 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | -30 | -7.170000  | -0.002765 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | -20 | -9.290000  | -0.003583 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | -10 | -7.420000  | -0.002862 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | 0   | -6.110000  | -0.002356 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | 10  | -7.370000  | -0.002842 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | 20  | -6.740000  | -0.002599 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | 30  | -8.410000  | -0.003243 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | 40  | -4.090000  | -0.001577 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | M | Outer_Full | NV | 50  | -5.070000  | -0.001955 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | -30 | -5.480000  | -0.002113 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | -20 | -10.240000 | -0.003949 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | -10 | -6.970000  | -0.002688 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | 0   | -4.290000  | -0.001654 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | 10  | -6.900000  | -0.002661 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | 20  | -6.680000  | -0.002576 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | 30  | -4.350000  | -0.001678 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | 40  | -7.630000  | -0.002943 | PASS |
| N41 | 30 | 90 | DFT-16QAM | M | Outer_Full | NV | 50  | -5.670000  | -0.002187 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | H | Outer_Full | NV | -30 | -1.700000  | -0.000643 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | H | Outer_Full | NV | -20 | -3.220000  | -0.001217 | PASS |
| N41 | 30 | 90 | DFT-QPSK  | H | Outer_Full | NV | -10 | -1.070000  | -0.000405 | PASS |

|     |    |     |           |   |            |    |     |           |           |      |
|-----|----|-----|-----------|---|------------|----|-----|-----------|-----------|------|
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | NV | 0   | -4.870000 | -0.001841 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | NV | 10  | -3.990000 | -0.001509 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | NV | 20  | -2.630000 | -0.000994 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | NV | 30  | -1.850000 | -0.000699 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | NV | 40  | -5.150000 | -0.001947 | PASS |
| N41 | 30 | 90  | DFT-QPSK  | H | Outer_Full | NV | 50  | -3.110000 | -0.001176 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | -30 | -3.790000 | -0.001433 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | -20 | -5.640000 | -0.002132 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | -10 | -6.390000 | -0.002416 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | 0   | -3.480000 | -0.001316 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | 10  | -2.280000 | -0.000862 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | 20  | -2.020000 | -0.000764 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | 30  | -1.000000 | -0.000378 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | 40  | -1.180000 | -0.000446 | PASS |
| N41 | 30 | 90  | DFT-16QAM | H | Outer_Full | NV | 50  | -0.990000 | -0.000374 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | -30 | -5.900000 | -0.002317 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | -20 | -5.010000 | -0.001968 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | -10 | -8.310000 | -0.003264 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | 0   | -9.120000 | -0.003582 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | 10  | -9.320000 | -0.003661 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | 20  | -8.670000 | -0.003405 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | 30  | -4.900000 | -0.001925 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | 40  | -3.000000 | -0.001178 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | L | Outer_Full | NV | 50  | -3.290000 | -0.001292 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | -30 | -6.770000 | -0.002659 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | -20 | -4.850000 | -0.001905 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | -10 | -5.510000 | -0.002164 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | 0   | -5.750000 | -0.002258 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | 10  | -5.480000 | -0.002152 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | 20  | -7.130000 | -0.002800 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | 30  | -7.580000 | -0.002977 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | 40  | -4.890000 | -0.001921 | PASS |
| N41 | 30 | 100 | DFT-16QAM | L | Outer_Full | NV | 50  | -7.000000 | -0.002749 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | -30 | -0.600000 | -0.000231 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | -20 | -3.350000 | -0.001292 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | -10 | -4.080000 | -0.001573 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | 0   | -6.620000 | -0.002553 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | 10  | -6.550000 | -0.002526 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | 20  | -6.890000 | -0.002657 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | 30  | -4.250000 | -0.001639 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | 40  | -4.160000 | -0.001604 | PASS |

|     |    |     |           |   |            |    |     |            |           |      |
|-----|----|-----|-----------|---|------------|----|-----|------------|-----------|------|
| N41 | 30 | 100 | DFT-QPSK  | M | Outer_Full | NV | 50  | -6.410000  | -0.002472 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | -30 | -5.710000  | -0.002202 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | -20 | -7.830000  | -0.003020 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | -10 | -4.810000  | -0.001855 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | 0   | -7.390000  | -0.002850 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | 10  | -6.090000  | -0.002349 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | 20  | -3.220000  | -0.001242 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | 30  | -4.310000  | -0.001662 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | 40  | -3.440000  | -0.001327 | PASS |
| N41 | 30 | 100 | DFT-16QAM | M | Outer_Full | NV | 50  | -5.110000  | -0.001971 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | -30 | -5.520000  | -0.002091 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | -20 | -4.040000  | -0.001530 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | -10 | -4.100000  | -0.001553 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | 0   | -3.930000  | -0.001489 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | 10  | -8.090000  | -0.003064 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | 20  | -2.670000  | -0.001011 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | 30  | -2.360000  | -0.000894 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | 40  | -3.270000  | -0.001239 | PASS |
| N41 | 30 | 100 | DFT-QPSK  | H | Outer_Full | NV | 50  | -8.000000  | -0.003030 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | -30 | -8.200000  | -0.003106 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | -20 | -4.930000  | -0.001867 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | -10 | -10.740000 | -0.004068 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | 0   | -8.310000  | -0.003148 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | 10  | -6.520000  | -0.002470 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | 20  | -8.910000  | -0.003375 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | 30  | -6.830000  | -0.002587 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | 40  | -9.140000  | -0.003462 | PASS |
| N41 | 30 | 100 | DFT-16QAM | H | Outer_Full | NV | 50  | -5.720000  | -0.002167 | PASS |