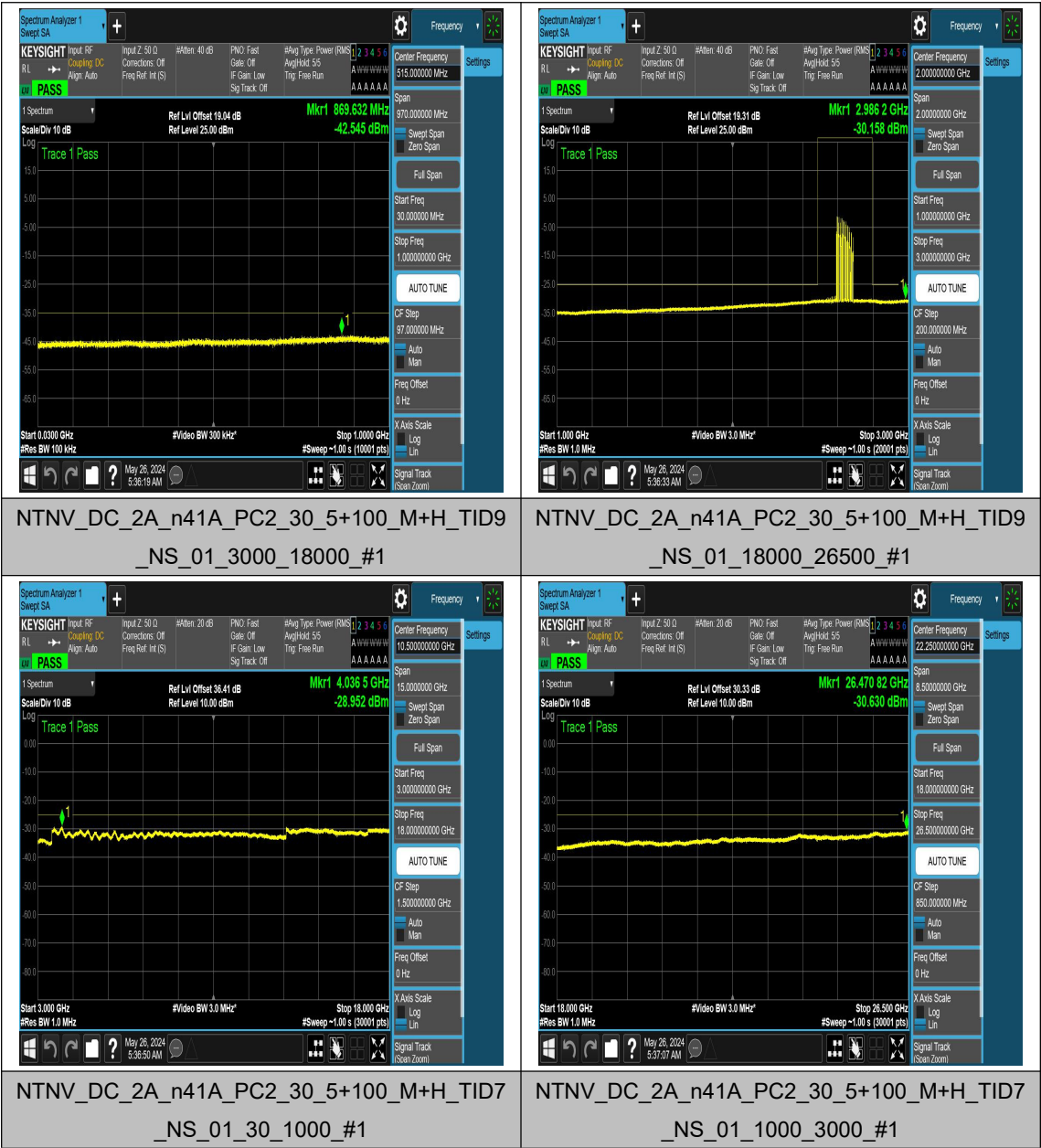
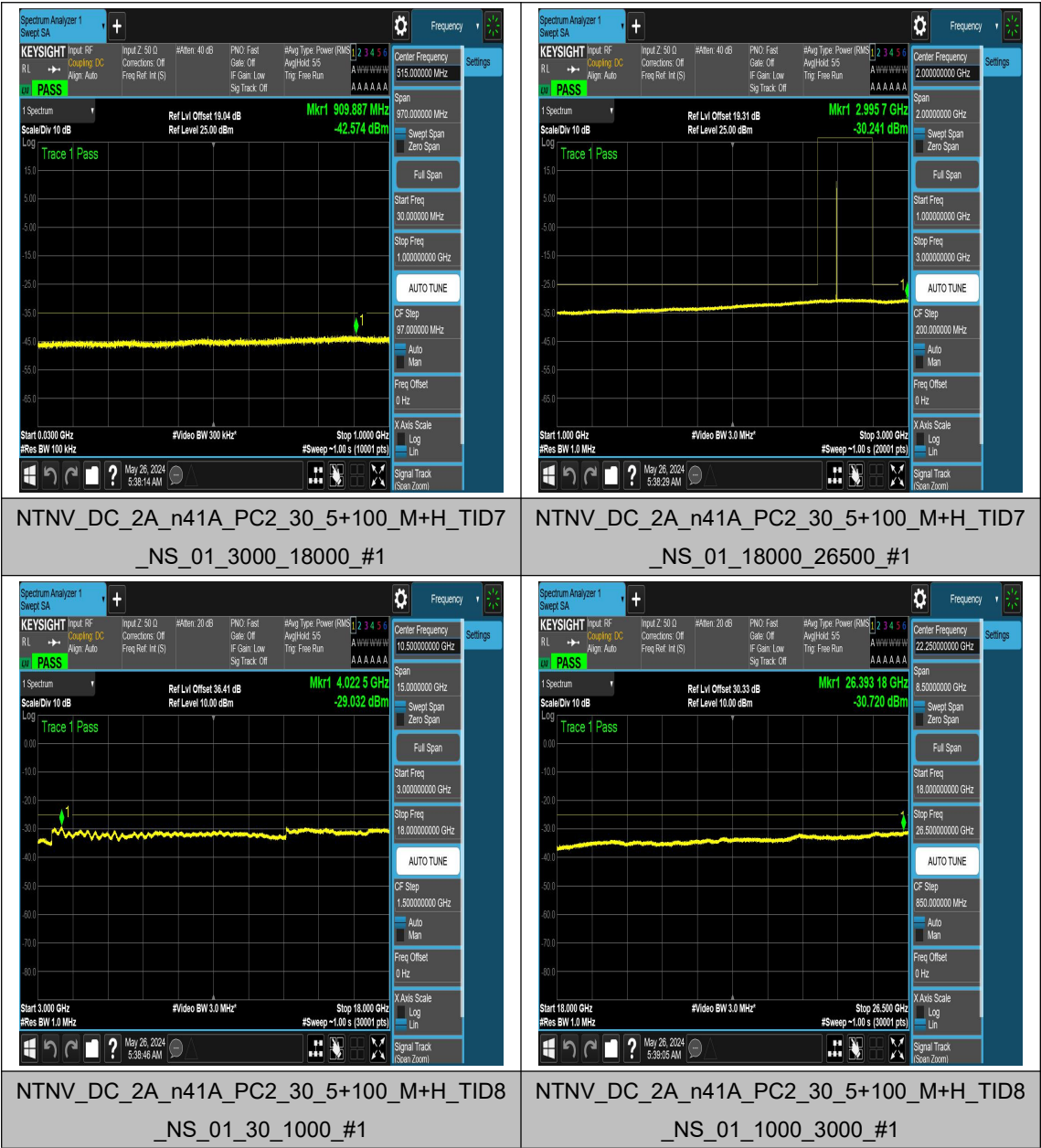
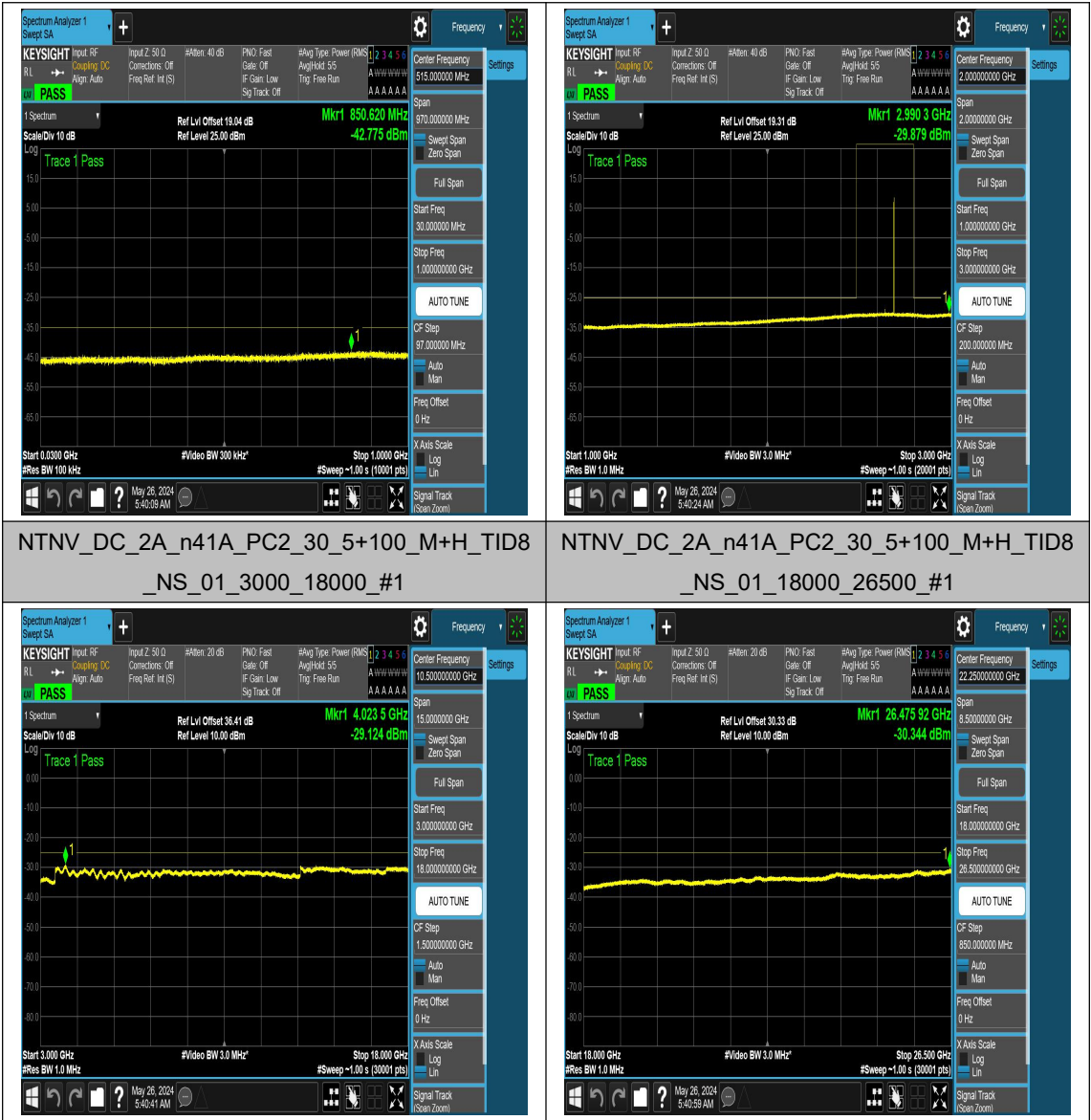








## Appendix F: Frequency Stability for NSA

### Test Result

#### Frequency Error VS. Voltage

| Voltage    |     |           |            |         |            |         |             |               |                 |         |
|------------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band       | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | VL      | NT          | 3.84          | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | VN      | NT          | -3.83         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | VH      | NT          | -8.57         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | VL      | NT          | 1.85          | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | VN      | NT          | -6.35         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | VH      | NT          | -1.85         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+M     | Outer_Full | VL      | NT          | 0.39          | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+M     | Outer_Full | VN      | NT          | -8.69         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+M     | Outer_Full | VH      | NT          | 5.74          | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+M     | Outer_Full | VL      | NT          | -4.85         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+M     | Outer_Full | VN      | NT          | 5.90          | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+M     | Outer_Full | VH      | NT          | -4.36         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+H     | Outer_Full | VL      | NT          | -7.10         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+H     | Outer_Full | VN      | NT          | 9.23          | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+H     | Outer_Full | VH      | NT          | -0.97         | 0.00            | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+H     | Outer_Full | VL      | NT          | -19.13        | -0.01           | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+H     | Outer_Full | VN      | NT          | -6.21         | 0.00            | PASS    |

|                |    |      |           |     |            |    |    |        |       |      |
|----------------|----|------|-----------|-----|------------|----|----|--------|-------|------|
| n41A           |    |      |           |     |            |    |    |        |       |      |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | VH | NT | -8.43  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -10.53 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | VN | NT | 1.01   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -9.65  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | VL | NT | -11.12 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | VN | NT | -2.25  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | VH | NT | -9.78  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -0.47  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | VN | NT | 0.12   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -1.84  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | VL | NT | -15.95 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | VN | NT | -6.28  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | VH | NT | -2.88  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -13.98 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -16.79 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -20.30 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | VL | NT | -9.10  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | VN | NT | 3.52   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | VH | NT | -4.94  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -2.99  | 0.00  | PASS |

|                |    |      |           |     |            |    |    |        |       |      |
|----------------|----|------|-----------|-----|------------|----|----|--------|-------|------|
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | VN | NT | 4.46   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | VH | NT | 1.31   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | VL | NT | -14.92 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | VN | NT | -3.19  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | VH | NT | -11.27 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -13.09 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -7.27  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -1.82  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | VL | NT | -1.62  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | VN | NT | -11.89 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | VH | NT | -26.33 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -7.80  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -5.97  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -13.98 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | VL | NT | -4.14  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | VN | NT | -11.26 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | VH | NT | -10.96 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -7.18  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -1.31  | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -5.53  | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | VL | NT | 3.19   | 0.00  | PASS |

|                |    |      |           |     |            |    |    |        |       |      |
|----------------|----|------|-----------|-----|------------|----|----|--------|-------|------|
| n41A           |    |      |           |     |            |    |    |        |       |      |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | VN | NT | -5.52  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | VH | NT | -6.93  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -1.28  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -17.59 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -13.67 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | VL | NT | -0.85  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | VN | NT | -3.77  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | VH | NT | 2.97   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -5.49  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -10.03 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -5.04  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | VL | NT | -9.50  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | VN | NT | -2.66  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | VH | NT | 0.31   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -2.88  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -16.15 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -12.83 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | VL | NT | -13.22 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | VN | NT | -6.66  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | VH | NT | -19.13 | -0.01 | PASS |

|                |    |      |           |     |            |    |    |        |       |      |
|----------------|----|------|-----------|-----|------------|----|----|--------|-------|------|
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -9.23  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -7.87  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -5.65  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | VL | NT | -13.34 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | VN | NT | -12.72 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | VH | NT | -4.90  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -17.00 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -3.50  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -8.15  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | VL | NT | -10.17 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | VN | NT | -4.97  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | VH | NT | -10.15 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -5.61  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -11.66 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | VH | NT | 3.68   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | VL | NT | -1.85  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | VN | NT | -9.19  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | VH | NT | -9.39  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -16.15 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -12.65 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -5.51  | 0.00  | PASS |

|                |    |      |           |     |            |    |    |        |       |      |
|----------------|----|------|-----------|-----|------------|----|----|--------|-------|------|
| n41A           |    |      |           |     |            |    |    |        |       |      |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | VL | NT | 5.50   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | VN | NT | -11.09 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | VH | NT | -11.93 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -15.95 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -1.45  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -8.11  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | VL | NT | -8.57  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | VN | NT | 3.24   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | VH | NT | -10.03 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -0.57  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -10.33 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -6.31  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | VL | NT | 5.29   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | VN | NT | -3.37  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | VH | NT | -10.71 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -9.80  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -10.70 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -7.63  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | VL | NT | -5.42  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | VN | NT | -9.62  | 0.00  | PASS |

|                |    |      |           |     |            |    |    |        |       |      |
|----------------|----|------|-----------|-----|------------|----|----|--------|-------|------|
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | VH | NT | -8.65  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -4.78  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -17.23 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -15.80 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | VL | NT | -2.85  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | VN | NT | -12.59 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | VH | NT | -16.19 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -10.40 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -2.27  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -6.58  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | VL | NT | -4.17  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | VN | NT | -5.39  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | VH | NT | -20.14 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -3.33  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -6.43  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -11.69 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | VL | NT | -2.37  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | VN | NT | -12.61 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | VH | NT | -7.82  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -6.66  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -3.12  | 0.00  | PASS |

|                |    |       |           |     |            |    |    |        |       |      |
|----------------|----|-------|-----------|-----|------------|----|----|--------|-------|------|
| n41A           |    |       |           |     |            |    |    |        |       |      |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-QPSK  | M+H | Outer_Full | VH | NT | -4.02  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | VL | NT | -17.94 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | VN | NT | -11.67 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | VH | NT | -14.67 | -0.01 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -4.53  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -3.26  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -8.48  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | VL | NT | -3.66  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | VN | NT | 0.09   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | VH | NT | -1.73  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -11.34 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -11.09 | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | VH | NT | 0.37   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | VL | NT | -3.97  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | VN | NT | -6.61  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | VH | NT | -5.64  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | VL | NT | 6.29   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | VN | NT | 0.25   | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -0.96  | 0.00  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | VL | NT | -10.05 | 0.00  | PASS |

|            |    |       |           |     |            |    |    |       |      |      |
|------------|----|-------|-----------|-----|------------|----|----|-------|------|------|
| DC_2A_n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | VN | NT | -2.53 | 0.00 | PASS |
| DC_2A_n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | VH | NT | -5.47 | 0.00 | PASS |

**Frequency Error VS. Temperature**

| Voltage    |     |           |            |         |            |         |             |               |                 |         |
|------------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band       | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | -30         | -8.184916     | -0.003266       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | -20         | -1.742644     | -0.000695       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | -10         | -2.845021     | -0.001135       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | 0           | 3.770277      | 0.001504        | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | 10          | -5.763779     | -0.002300       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | 20          | -0.583525     | -0.000233       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | 30          | -4.447232     | -0.001775       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | 40          | -10.446582    | -0.004169       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | NV      | 50          | -6.754947     | -0.002695       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | NV      | -30         | 1.085620      | 0.000433        | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | NV      | -20         | -3.760127     | -0.001500       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | NV      | -10         | -5.291380     | -0.002111       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | NV      | 0           | 2.082336      | 0.000831        | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | NV      | 10          | 9.196528      | 0.003670        | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | NV      | 20          | -11.459396    | -0.004573       | PASS    |
| DC_2A_n41A | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | NV      | 30          | -11.429950    | -0.004561       | PASS    |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -8.295413  | -0.003310 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -0.323064  | -0.000129 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -4.742307  | -0.001829 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -8.971994  | -0.003460 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -9.677326  | -0.003732 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -0.998969  | -0.000385 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | 8.095131   | 0.003122  | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -12.206201 | -0.004707 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -7.614775  | -0.002937 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -11.017090 | -0.004249 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -4.514476  | -0.001741 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -17.375607 | -0.006701 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -0.413545  | -0.000159 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -19.753826 | -0.007618 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -2.338939  | -0.000902 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -10.513725 | -0.004055 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -8.279887  | -0.003193 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -11.881169 | -0.004582 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -11.121198 | -0.004289 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -3.954875  | -0.001525 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | 0.157718   | 0.000059  | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | 1.396503   | 0.000521  | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -1.658543  | -0.000619 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -6.002084  | -0.002240 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -13.851551 | -0.005169 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -2.383098  | -0.000889 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -7.288738  | -0.002720 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | 0.100869   | 0.000038  | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -5.532785  | -0.002064 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -1.661420  | -0.000620 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -8.542107  | -0.003187 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -10.354760 | -0.003864 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -7.119567  | -0.002657 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -12.270234 | -0.004578 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -8.723940  | -0.003255 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -4.762700  | -0.001777 | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 40  | 2.132487   | 0.000796  | PASS |
| DC_2A_<br>n41A | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 50  | 0.618759   | 0.000231  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -9.533364  | -0.003797 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -12.367684 | -0.004925 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -7.328011  | -0.002918 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -9.941538  | -0.003959 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -8.313654  | -0.003311 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | 1.953121   | 0.000778  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -9.780176  | -0.003895 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -3.907063  | -0.001556 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -3.255031  | -0.001296 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -10.543109 | -0.004199 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -5.978343  | -0.002381 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -2.779775  | -0.001107 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -13.750941 | -0.005476 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -10.347178 | -0.004121 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | 20  | 1.244729   | 0.000496  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -8.754326  | -0.003486 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -6.230707  | -0.002481 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -4.161031  | -0.001657 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -7.828633  | -0.003019 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | 1.826365   | 0.000704  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -12.005149 | -0.004630 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -7.479704  | -0.002885 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -7.712900  | -0.002975 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -0.083803  | -0.000032 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -9.887626  | -0.003813 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -2.463975  | -0.000950 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | 2.085864   | 0.000804  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -3.329092  | -0.001284 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -4.480936  | -0.001728 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -5.872377  | -0.002265 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -15.267165 | -0.005888 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | 10  | 4.484884   | 0.001730  | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -9.681385  | -0.003734 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -10.538531 | -0.004064 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -9.757312  | -0.003763 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -9.027853  | -0.003482 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -1.570480  | -0.000587 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -12.189046 | -0.004557 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -6.872887  | -0.002569 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -9.790615  | -0.003660 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -9.049790  | -0.003383 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -12.062741 | -0.004509 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -5.760294  | -0.002153 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -7.179642  | -0.002684 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -9.850332  | -0.003682 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -9.752648  | -0.003646 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -18.642618 | -0.006969 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -3.302424  | -0.001235 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -12.517017 | -0.004679 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -9.738124  | -0.003640 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -11.775528 | -0.004402 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -17.735340 | -0.006630 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -7.280890  | -0.002722 | PASS |
| DC_2A_<br>n41A | 30 | 5+30 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -1.578033  | -0.000590 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -9.887902  | -0.003930 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -3.172395  | -0.001261 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -8.027355  | -0.003191 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -10.978618 | -0.004364 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -3.932979  | -0.001563 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -6.326509  | -0.002515 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -16.908690 | -0.006720 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -8.754641  | -0.003480 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -13.386316 | -0.005320 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -14.096761 | -0.005603 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -3.540100  | -0.001407 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -3.560449  | -0.001415 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -9.171307  | -0.003645 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -5.973722  | -0.002374 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -17.346205 | -0.006894 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 30  | 5.588006   | 0.002221  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -18.313055 | -0.007279 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -0.112622  | -0.000045 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -1.528914  | -0.000590 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -8.581632  | -0.003310 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -8.844137  | -0.003411 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -10.659037 | -0.004111 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -10.952744 | -0.004224 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -9.296696  | -0.003585 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -10.484380 | -0.004043 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -6.017403  | -0.002321 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | 7.250100   | 0.002796  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -4.460352  | -0.001720 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -1.025784  | -0.000396 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -2.465457  | -0.000951 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -4.134177  | -0.001594 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -13.825106 | -0.005332 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -11.126284 | -0.004291 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -6.728166  | -0.002595 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -4.449852  | -0.001716 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 50  | 5.014428   | 0.001934  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | 2.654381   | 0.000994  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -14.357395 | -0.005377 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -8.997820  | -0.003370 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -8.842212  | -0.003312 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -17.415447 | -0.006523 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | 2.380968   | 0.000892  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -4.926861  | -0.001845 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -9.809960  | -0.003674 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -3.447117  | -0.001291 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -6.424909  | -0.002406 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -1.563990  | -0.000586 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -6.683732  | -0.002503 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -7.315501  | -0.002740 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -8.712976  | -0.003263 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -2.552226  | -0.000956 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -14.272269 | -0.005345 | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 40  | 1.270695   | 0.000476  | PASS |
| DC_2A_<br>n41A | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -8.206023  | -0.003073 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -6.317177  | -0.002506 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -16.088552 | -0.006382 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -3.390602  | -0.001345 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -5.504379  | -0.002183 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -2.572793  | -0.001021 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -7.616558  | -0.003021 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -14.600981 | -0.005792 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -12.804813 | -0.005079 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -3.398824  | -0.001348 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -5.636673  | -0.002236 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -0.635467  | -0.000252 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -10.068299 | -0.003994 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -6.003669  | -0.002381 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 10  | 4.315179   | 0.001712  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -3.898190  | -0.001546 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 30  | 3.387236   | 0.001344  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -7.269833  | -0.002884 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 50  | 3.303102   | 0.001310  | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -10.893211 | -0.004201 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -11.719790 | -0.004520 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -14.665503 | -0.005656 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -14.885761 | -0.005741 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -9.490625  | -0.003660 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -13.345839 | -0.005147 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -7.362541  | -0.002839 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -9.299841  | -0.003587 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -7.959200  | -0.003070 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -5.089417  | -0.001963 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -12.761945 | -0.004922 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -0.688645  | -0.000266 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -5.366132  | -0.002069 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -5.018544  | -0.001935 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -7.854444  | -0.003029 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -11.884932 | -0.004583 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -16.794563 | -0.006477 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -2.143697  | -0.000827 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -16.572155 | -0.006218 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | 6.486294   | 0.002434  | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -4.940656  | -0.001854 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -13.160936 | -0.004938 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -13.199533 | -0.004953 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -8.695347  | -0.003263 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -1.163739  | -0.000437 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -12.701153 | -0.004766 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -0.583198  | -0.000219 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -8.712727  | -0.003269 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -13.320528 | -0.004998 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -14.907024 | -0.005594 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -9.702892  | -0.003641 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -14.799329 | -0.005553 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 20  | 0.050347   | 0.000019  | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -1.371873  | -0.000515 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -15.554214 | -0.005836 | PASS |
| DC_2A_<br>n41A | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 50  | 2.094464   | 0.000786  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -6.290538  | -0.002490 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -9.021039  | -0.003571 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -13.378433 | -0.005296 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -12.773280 | -0.005057 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -11.059477 | -0.004378 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -5.690626  | -0.002253 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | 0.946642   | 0.000375  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -12.980513 | -0.005139 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | 5.112107   | 0.002024  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -9.990136  | -0.003955 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -9.155135  | -0.003624 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -0.535686  | -0.000212 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -13.849210 | -0.005483 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -5.160991  | -0.002043 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -7.708712  | -0.003052 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -18.004171 | -0.007128 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -5.262372  | -0.002083 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -8.697897  | -0.003443 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -15.593172 | -0.006014 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | 4.963072   | 0.001914  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -9.253423  | -0.003569 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -11.430616 | -0.004408 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | 3.864626   | 0.001490  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -3.837110  | -0.001480 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -5.316350  | -0.002050 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -4.225391  | -0.001630 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -18.147703 | -0.006999 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -1.764386  | -0.000680 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -9.580899  | -0.003695 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -7.274734  | -0.002806 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -8.149511  | -0.003143 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -6.468392  | -0.002495 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -9.109210  | -0.003513 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -11.311090 | -0.004362 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -3.152603  | -0.001216 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -1.780356  | -0.000687 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -11.173731 | -0.004201 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | 1.506048   | 0.000566  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -5.244706  | -0.001972 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -2.624696  | -0.000987 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | 0.246510   | 0.000093  | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -6.018535  | -0.002263 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -1.394604  | -0.000524 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -10.874179 | -0.004088 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -4.769547  | -0.001793 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -14.680415 | -0.005519 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -6.723177  | -0.002528 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -17.130983 | -0.006440 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -3.654790  | -0.001374 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -8.786647  | -0.003303 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -5.581550  | -0.002098 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -0.210754  | -0.000079 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -11.863740 | -0.004460 | PASS |
| DC_2A_<br>n41A | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -7.817885  | -0.002939 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -2.954839  | -0.001167 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -5.891327  | -0.002328 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | 1.166789   | 0.000461  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -2.935976  | -0.001160 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -3.093612  | -0.001222 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | 3.277518   | 0.001295  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -7.494632  | -0.002961 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -9.178051  | -0.003626 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -0.849813  | -0.000336 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -11.111793 | -0.004390 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -13.565527 | -0.005360 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -19.481905 | -0.007697 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -1.270148  | -0.000502 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | 10  | 5.012751   | 0.001981  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -0.749628  | -0.000296 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -5.020617  | -0.001984 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -3.147049  | -0.001243 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full | NV | 50  | 1.798229   | 0.000710  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -20.589666 | -0.007941 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -4.327146  | -0.001669 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -6.906983  | -0.002664 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -1.507891  | -0.000582 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -20.825491 | -0.008031 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -8.428704  | -0.003251 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -6.310401  | -0.002434 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -9.840416  | -0.003795 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | 2.079848   | 0.000802  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -12.623670 | -0.004868 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -9.584973  | -0.003696 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -10.750063 | -0.004146 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -18.842533 | -0.007267 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | 10  | 0.133910   | 0.000052  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -2.385612  | -0.000920 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -16.059702 | -0.006194 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -21.096992 | -0.008136 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -6.747254  | -0.002602 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -1.939819  | -0.000731 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -2.955956  | -0.001113 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -1.344683  | -0.000506 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -13.970760 | -0.005262 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -7.655879  | -0.002884 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -1.567160  | -0.000590 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -10.274939 | -0.003870 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -5.420936  | -0.002042 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -1.187881  | -0.000447 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -11.957602 | -0.004504 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | -20 | 2.776543   | 0.001046  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -2.503142  | -0.000943 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -8.230323  | -0.003100 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | 10  | 3.123355   | 0.001176  | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -2.485777  | -0.000936 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -19.559151 | -0.007367 | PASS |
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -10.931782 | -0.004117 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -18.177742 | -0.006847 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | 4.906143   | 0.001935  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -10.303977 | -0.004063 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -2.051205  | -0.000809 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -4.247623  | -0.001675 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -2.344740  | -0.000925 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -6.113436  | -0.002411 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -4.091340  | -0.001613 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | 11.044339  | 0.004355  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -10.197976 | -0.004021 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -5.019096  | -0.001979 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | -20 | 1.009068   | 0.000398  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -1.335500  | -0.000527 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 0   | 3.174417   | 0.001252  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -2.322557  | -0.000916 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 20  | 5.623394   | 0.002217  | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -3.830929  | -0.001511 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -2.404844  | -0.000948 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -10.787303 | -0.004254 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -11.758432 | -0.004535 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -8.242823  | -0.003179 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -17.667061 | -0.006813 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -13.751399 | -0.005303 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -4.359155  | -0.001681 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -5.040460  | -0.001944 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -12.627725 | -0.004870 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -16.393414 | -0.006322 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -17.625824 | -0.006797 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -12.126359 | -0.004677 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -8.509086  | -0.003282 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -4.964493  | -0.001915 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -9.957760  | -0.003840 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -5.653582  | -0.002180 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -15.701671 | -0.006055 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -0.299932  | -0.000116 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -1.806464  | -0.000697 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -8.725184  | -0.003365 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -8.058670  | -0.003041 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -15.421950 | -0.005820 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -12.553383 | -0.004737 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -5.499712  | -0.002075 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -14.443022 | -0.005450 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -13.921170 | -0.005253 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -9.272364  | -0.003499 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -14.542045 | -0.005488 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -13.766785 | -0.005195 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -12.202503 | -0.004605 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -11.275028 | -0.004255 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -21.502514 | -0.008114 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -2.612910  | -0.000986 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -18.156860 | -0.006852 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -21.739002 | -0.008203 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -12.256406 | -0.004625 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -20.193319 | -0.007620 | PASS |
| DC_2A_<br>n41A | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -12.771740 | -0.004820 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -2.565188  | -0.001010 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -15.046556 | -0.005922 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -12.857313 | -0.005060 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -6.877985  | -0.002707 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | 2.984282   | 0.001174  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -5.713479  | -0.002249 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -7.925486  | -0.003119 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |      |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -12.328292 | -0.004852 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -14.493683 | -0.005704 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -10.410732 | -0.004097 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -3.750089  | -0.001476 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -3.561405  | -0.001402 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -8.336131  | -0.003281 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -15.249626 | -0.006001 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 20  | 2.258240   | 0.000889  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -11.768470 | -0.004631 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -6.410229  | -0.002523 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 50  | 3.231661   | 0.001272  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -8.723744  | -0.003364 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -17.862560 | -0.006889 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -16.110434 | -0.006213 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -6.881586  | -0.002654 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -18.678509 | -0.007203 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -1.744401  | -0.000673 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -19.571363 | -0.007548 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -1.696637  | -0.000654 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -7.484181  | -0.002886 | PASS |

|                |    |      |           |     |            |    |     |            |           |      |
|----------------|----|------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -5.171660  | -0.001994 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -6.470259  | -0.002495 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | -10 | 1.003745   | 0.000387  | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -5.542150  | -0.002137 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -9.840878  | -0.003795 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -4.738908  | -0.001828 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -6.315060  | -0.002435 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -14.039102 | -0.005414 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -6.298541  | -0.002429 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -7.456025  | -0.002819 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -11.578447 | -0.004378 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -9.014194  | -0.003408 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -11.079413 | -0.004189 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -3.356353  | -0.001269 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -15.210520 | -0.005751 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -12.110043 | -0.004579 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -15.552478 | -0.005880 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -16.978662 | -0.006419 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -3.446735  | -0.001303 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -15.500648 | -0.005860 | PASS |
| DC_2A_<br>n41A | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -15.896012 | -0.006010 | PASS |

|                |    |       |           |     |            |    |     |            |           |      |
|----------------|----|-------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |       |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 0   | -3.789171  | -0.001433 | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 10  | -14.916437 | -0.005640 | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 20  | -0.960980  | -0.000363 | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 30  | -12.465692 | -0.004713 | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 40  | -10.104042 | -0.003820 | PASS |
| DC_2A_<br>n41A | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 50  | -7.355274  | -0.002781 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -14.651891 | -0.005755 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -2.060137  | -0.000809 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -7.414234  | -0.002912 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | 3.329001   | 0.001308  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | 4.962124   | 0.001949  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -1.649476  | -0.000648 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -12.641837 | -0.004965 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -2.779393  | -0.001092 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -0.011066  | -0.000004 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -8.526897  | -0.003349 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -10.808743 | -0.004245 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -14.608282 | -0.005738 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -6.073261  | -0.002385 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -16.016619 | -0.006291 | PASS |

|                |    |       |           |     |            |    |     |            |           |      |
|----------------|----|-------|-----------|-----|------------|----|-----|------------|-----------|------|
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 20  | 1.843267   | 0.000724  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -3.048674  | -0.001197 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -3.572093  | -0.001403 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -23.745102 | -0.009326 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -3.032218  | -0.001169 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -1.752977  | -0.000676 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -7.090166  | -0.002734 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -5.496956  | -0.002120 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -5.059673  | -0.001951 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -13.413081 | -0.005173 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -7.063033  | -0.002724 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -17.859146 | -0.006887 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -5.510999  | -0.002125 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -16.589029 | -0.006398 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -10.931303 | -0.004216 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -10.628189 | -0.004099 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -5.852020  | -0.002257 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -0.546498  | -0.000211 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -11.525602 | -0.004445 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -8.225437  | -0.003172 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -14.896321 | -0.005745 | PASS |

|                |    |       |           |     |            |    |     |            |           |      |
|----------------|----|-------|-----------|-----|------------|----|-----|------------|-----------|------|
| n41A           |    |       |           |     |            |    |     |            |           |      |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -6.229151  | -0.002402 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -10.291981 | -0.003898 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -18.229567 | -0.006905 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -10.357089 | -0.003923 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -11.064136 | -0.004191 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | 2.580006   | 0.000977  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -11.691617 | -0.004429 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | 3.006775   | 0.001139  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | 2.931499   | 0.001110  | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -7.226413  | -0.002737 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -13.492131 | -0.005111 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -16.049002 | -0.006079 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -1.310599  | -0.000496 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -1.860623  | -0.000705 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -7.407557  | -0.002806 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -11.740273 | -0.004447 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -12.000253 | -0.004546 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -2.237446  | -0.000848 | PASS |
| DC_2A_<br>n41A | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -15.290784 | -0.005792 | PASS |