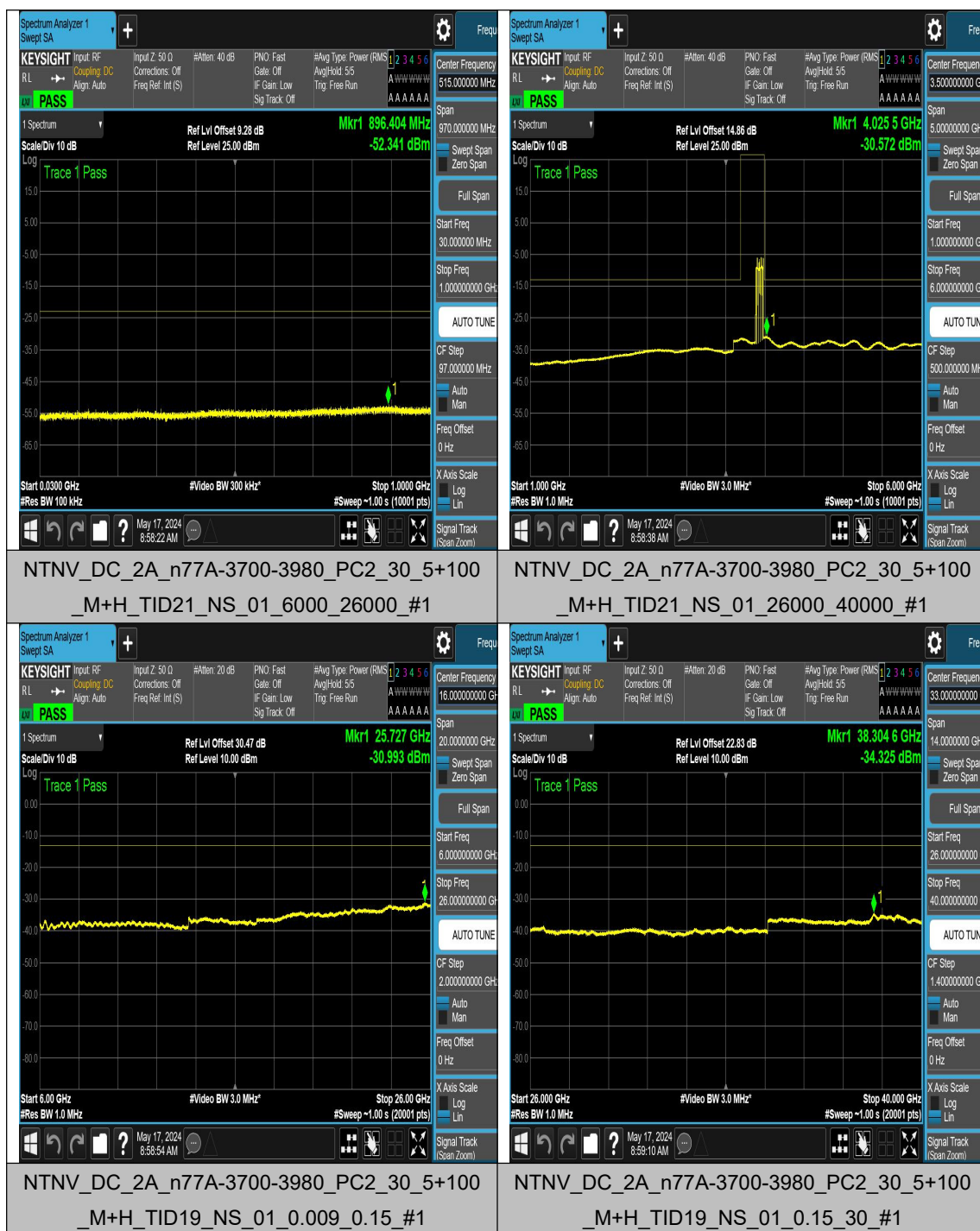
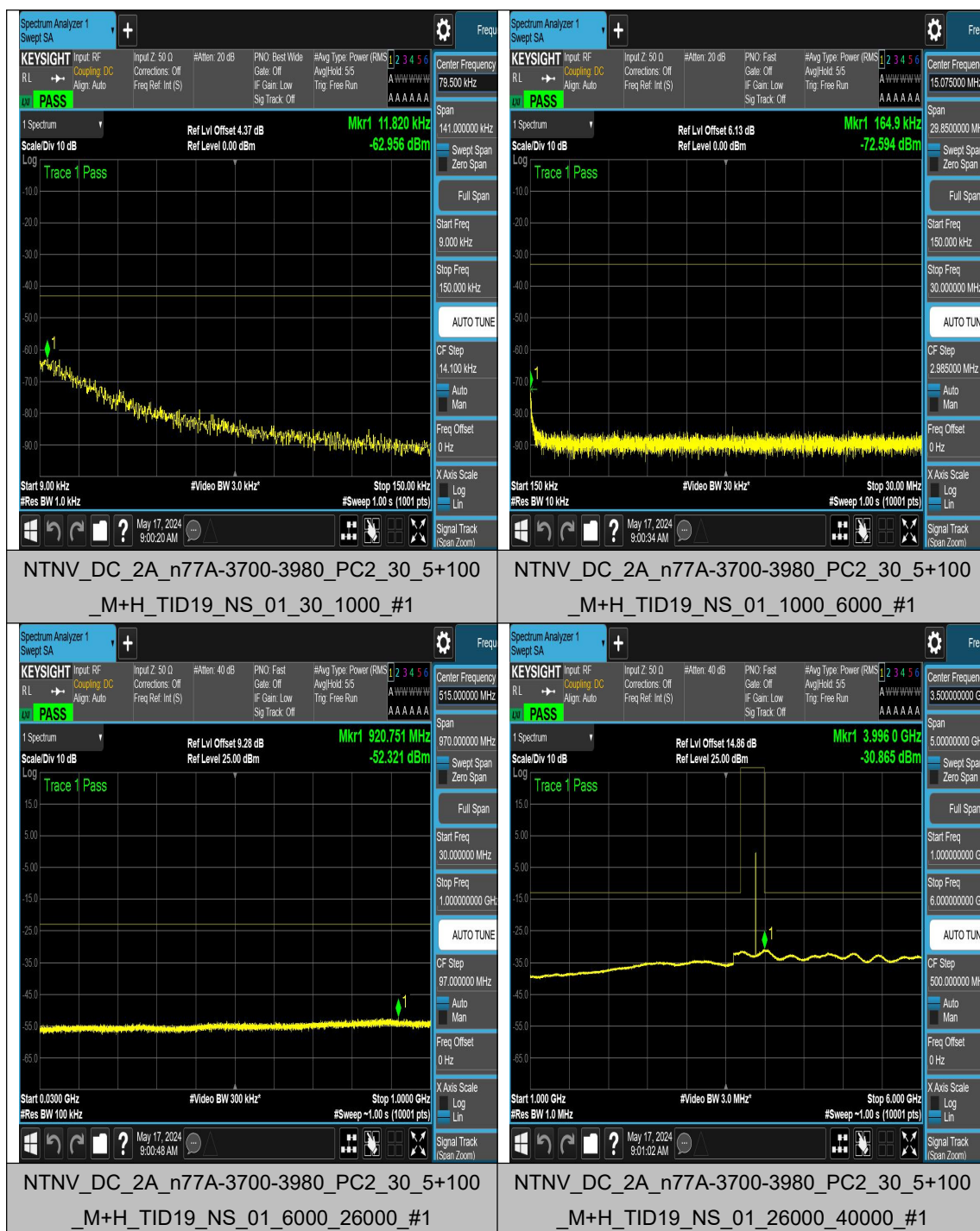
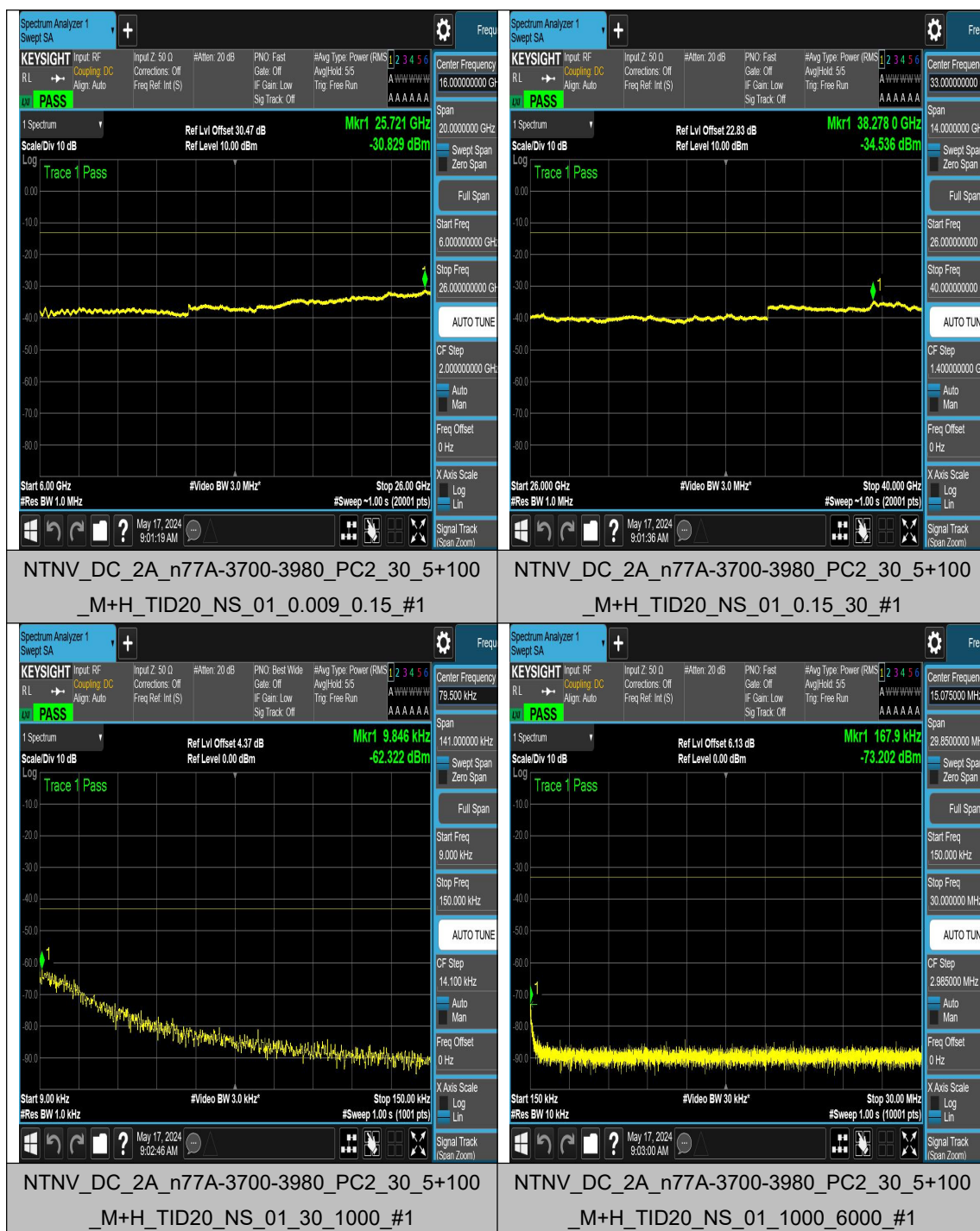










## Appendix F: Frequency Stability for NSA

### Test Result

#### Frequency Error VS. Voltage

| Voltage              |     |           |            |         |            |         |             |               |                 |         |
|----------------------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band                 | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | VL      | NT          | -9.03         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | VN      | NT          | -3.07         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | VH      | NT          | -3.71         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-16QAM  | M+L     | Outer_Full | VL      | NT          | -5.95         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-16QAM  | M+L     | Outer_Full | VN      | NT          | -5.13         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-16QAM  | M+L     | Outer_Full | VH      | NT          | -0.15         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-QPSK   | M+M     | Outer_Full | VL      | NT          | -8.56         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-QPSK   | M+M     | Outer_Full | VN      | NT          | -6.46         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-QPSK   | M+M     | Outer_Full | VH      | NT          | -8.07         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-16QAM  | M+M     | Outer_Full | VL      | NT          | -4.75         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-16QAM  | M+M     | Outer_Full | VN      | NT          | -5.94         | 0.00            | PASS    |
| DC_2A_n77A-3700-3980 | 30  | 5+10      | DFT-16QAM  | M+M     | Outer_Full | VH      | NT          | -2.66         | 0.00            | PASS    |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -7.17 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -4.31 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -6.38 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -4.71 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -6.77 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | VL | NT | -6.70 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | VN | NT | -7.47 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | VH | NT | -4.49 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -6.18 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -7.45 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -6.52 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | VL | NT | -3.59 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | VN | NT | -6.43 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | VH | NT | -5.73 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -2.58 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -3.78 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -5.89 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | VL | NT | -4.78 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | VN | NT | -6.45 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | VH | NT | -3.54 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -6.09 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -3.45 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -6.70 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | VL | NT | -5.88 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | VN | NT | -6.86 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | VH | NT | -6.28 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -2.46 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -2.92 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -4.39 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | VL | NT | -5.23 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | VN | NT | -8.37 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | VH | NT | -2.68 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -9.42 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -3.12 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -5.55 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | VL | NT | -7.28 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | VN | NT | -3.94 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | VH | NT | -9.04 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -2.47 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -4.02 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -3.77 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | VL | NT | -4.37 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | VN | NT | -1.91 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | VH | NT | -6.79 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -5.49 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -6.17 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -2.20 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | VL | NT | -5.04 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | VN | NT | -0.08 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | VH | NT | -7.15 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -8.27 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -8.92 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -5.08 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | VL | NT | -7.57 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | VN | NT | -3.84 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | VH | NT | -5.06 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -4.34 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -0.69 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -5.24 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | VL | NT | -5.49 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | VN | NT | -3.91 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | VH | NT | -4.00 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -7.61 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -5.34 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -7.30 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | VL | NT | -3.75 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | VN | NT | -6.01 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | VH | NT | -4.45 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -5.20 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -3.63 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -2.47 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | VL | NT | -4.39 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | VN | NT | -3.58 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | VH | NT | -6.89 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -2.13 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -1.23 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -3.75 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | VL | NT | -5.24 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | VN | NT | -3.76 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | VH | NT | -4.82 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -3.86 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -6.63 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -4.94 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | VL | NT | -6.48 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | VN | NT | -7.12 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | VH | NT | -3.98 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -3.86 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -3.25 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -2.60 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | VL | NT | -6.63 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | VN | NT | -7.92 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | VH | NT | -5.12 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -3.02 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -4.23 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -1.02 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | VL | NT | -3.25 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | VN | NT | -4.68 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | VH | NT | -5.32 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -5.57 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -1.53 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -5.72 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | VL | NT | -9.22 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | VN | NT | -4.18 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | VH | NT | -8.56 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -2.71 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -4.96 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -8.75 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | VL | NT | -4.06 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | VN | NT | -7.83 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | VH | NT | -2.71 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | VL | NT | 1.08  | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -3.25 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -2.19 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | VL | NT | -2.74 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | VN | NT | -7.93 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | VH | NT | -5.40 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -3.99 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -8.10 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -4.14 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | VL | NT | -3.90 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | VN | NT | -7.94 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | VH | NT | -0.48 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -2.64 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -1.81 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -5.33 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | VL | NT | -6.32 | 0.00 | PASS |

|                              |    |      |           |     |            |    |    |       |      |      |
|------------------------------|----|------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |      |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | VN | NT | -8.54 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | VH | NT | -6.46 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -6.56 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -4.30 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -2.20 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | VL | NT | -5.90 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | VN | NT | -7.22 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | VH | NT | -4.97 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -4.98 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -1.28 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -5.27 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | VL | NT | -2.06 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | VN | NT | -5.45 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | VH | NT | -8.00 | 0.00 | PASS |

|                              |    |       |           |     |            |    |    |       |      |      |
|------------------------------|----|-------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |       |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-QPSK  | M+H | Outer_Full | VL | NT | -6.38 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-QPSK  | M+H | Outer_Full | VN | NT | -5.32 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-QPSK  | M+H | Outer_Full | VH | NT | -2.44 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | VL | NT | -4.93 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | VN | NT | -6.75 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | VH | NT | -3.84 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | VL | NT | -4.27 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | VN | NT | -6.45 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | VH | NT | -5.45 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | VL | NT | -4.93 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | VN | NT | -3.97 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | VH | NT | -0.36 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | VL | NT | -6.19 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | VN | NT | -6.60 | 0.00 | PASS |

|                              |    |       |           |     |            |    |    |       |      |      |
|------------------------------|----|-------|-----------|-----|------------|----|----|-------|------|------|
| n77A-37<br>00-3980           |    |       |           |     |            |    |    |       |      |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | VH | NT | -6.05 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | VL | NT | -5.26 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | VN | NT | -3.41 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | VH | NT | -4.91 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | VL | NT | -4.50 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | VN | NT | -2.49 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | VH | NT | -6.85 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | VL | NT | -2.67 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | VN | NT | -3.92 | 0.00 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | VH | NT | -2.63 | 0.00 | PASS |

### Frequency Error VS. Temperature

| Voltage                      |     |           |            |         |            |         |             |               |                 |         |
|------------------------------|-----|-----------|------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band                         | SCS | Bandwidth | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| DC_2A_<br>n77A-37<br>00-3980 | 30  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | NV      | -30         | -3.937503     | -0.001063       | PASS    |
| DC_2A_<br>n77A-37            | 30  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | NV      | -20         | -7.905358     | -0.002134       | PASS    |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -6.051820 | -0.001633 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -3.282857 | -0.000886 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -2.607047 | -0.000704 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -5.088219 | -0.001373 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -5.909867 | -0.001595 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -5.911795 | -0.001596 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -6.269215 | -0.001692 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -7.377125 | -0.001991 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -5.001275 | -0.001350 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -7.277452 | -0.001964 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -2.669176 | -0.000720 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -2.553613 | -0.000689 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -5.486983 | -0.001481 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -4.498435 | -0.001214 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -2.880220 | -0.000777 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -4.686362 | -0.001265 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -6.810462 | -0.001774 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -7.968668 | -0.002075 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -2.055974 | -0.000535 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -6.335504 | -0.001650 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -5.169505 | -0.001346 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -0.980872 | -0.000255 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -9.299479 | -0.002422 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -1.472354 | -0.000383 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -8.594244 | -0.002238 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -6.194698 | -0.001613 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -3.253815 | -0.000847 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -4.540528 | -0.001182 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -5.699366 | -0.001484 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -7.642927 | -0.001990 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -3.790440 | -0.000987 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -6.718464 | -0.001750 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -5.717837 | -0.001489 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -4.871746 | -0.001269 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -7.148096 | -0.001929 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -3.342610 | -0.000902 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -4.046785 | -0.001092 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -3.432647 | -0.000926 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -5.337121 | -0.001441 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -3.357366 | -0.000906 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -4.800173 | -0.001296 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -5.567345 | -0.001503 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -5.228439 | -0.001411 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -3.108920 | -0.000839 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -6.801035 | -0.001836 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -6.591096 | -0.001779 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -5.857384 | -0.001581 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -4.791390 | -0.001293 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -5.632718 | -0.001520 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -2.792640 | -0.000754 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -2.710665 | -0.000732 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -5.941600 | -0.001604 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -4.602887 | -0.001199 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -4.180344 | -0.001089 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -5.672990 | -0.001477 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -6.912408 | -0.001800 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -5.757475 | -0.001499 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -4.817576 | -0.001255 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -8.634147 | -0.002248 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -3.365536 | -0.000876 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -5.510070 | -0.001435 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -4.383354 | -0.001141 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -0.398144 | -0.000104 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -9.176245 | -0.002390 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -9.158609 | -0.002385 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -4.863591 | -0.001267 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -2.331853 | -0.000607 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -5.043166 | -0.001313 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -5.966026 | -0.001554 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+10 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -8.647758 | -0.002252 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -6.490437 | -0.001633 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -3.855726 | -0.000970 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -6.697117 | -0.001685 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -6.468376 | -0.001627 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -5.670279 | -0.001426 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -4.219413 | -0.001061 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -4.774557 | -0.001201 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -5.739083 | -0.001444 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -5.223777 | -0.001314 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -3.907896 | -0.000983 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -8.002386 | -0.002013 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -4.665432 | -0.001174 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -7.860232 | -0.001977 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -6.126579 | -0.001541 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -6.556609 | -0.001649 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -5.957325 | -0.001499 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -3.430466 | -0.000863 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -4.525876 | -0.001139 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -2.285033 | -0.000616 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -3.672533 | -0.000991 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -5.490258 | -0.001481 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -2.030483 | -0.000548 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -3.648546 | -0.000984 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -4.474535 | -0.001207 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -5.497419 | -0.001483 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -8.914717 | -0.002404 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -6.606935 | -0.001782 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -2.919248 | -0.000787 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -2.000795 | -0.000540 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -4.484760 | -0.001210 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -6.057333 | -0.001634 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -5.430524 | -0.001465 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -5.566294 | -0.001501 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -1.840378 | -0.000496 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -5.169977 | -0.001394 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -1.878420 | -0.000507 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -4.681059 | -0.001219 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -3.655190 | -0.000952 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -0.355571 | -0.000093 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -4.979564 | -0.001297 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -6.584384 | -0.001715 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -3.636025 | -0.000947 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -2.004571 | -0.000522 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -4.534762 | -0.001181 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -3.875202 | -0.001009 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -3.127545 | -0.000814 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -3.419592 | -0.000891 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -4.354206 | -0.001134 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -8.069514 | -0.002101 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -1.434717 | -0.000374 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -5.244042 | -0.001366 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -3.768197 | -0.000981 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -5.069949 | -0.001320 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -1.473480 | -0.000384 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -2.790133 | -0.000702 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -1.327283 | -0.000334 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -6.938939 | -0.001747 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -4.893834 | -0.001232 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -4.674645 | -0.001177 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -4.850418 | -0.001221 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -3.972241 | -0.001000 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -2.904049 | -0.000731 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -5.891536 | -0.001483 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -3.725195 | -0.000938 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -2.836458 | -0.000714 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -7.266628 | -0.001829 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -5.819326 | -0.001465 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -7.753741 | -0.001952 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -6.231503 | -0.001569 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -5.749360 | -0.001447 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -5.483055 | -0.001380 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -7.489888 | -0.001885 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -0.317053 | -0.000085 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -4.350410 | -0.001173 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -1.855407 | -0.000500 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -4.369784 | -0.001178 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -2.408466 | -0.000649 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -6.640327 | -0.001790 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -3.986461 | -0.001075 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -4.087488 | -0.001102 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -2.017488 | -0.000544 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -3.985582 | -0.001074 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -2.659405 | -0.000717 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -6.560584 | -0.001768 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -5.096248 | -0.001374 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -3.036756 | -0.000819 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -5.502344 | -0.001483 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -4.562755 | -0.001230 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -4.381636 | -0.001181 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -3.905847 | -0.001053 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -1.893438 | -0.000493 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -4.054953 | -0.001056 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -3.893626 | -0.001014 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -4.715613 | -0.001228 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -2.722174 | -0.000709 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -4.403859 | -0.001147 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -2.254599 | -0.000587 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -3.453279 | -0.000899 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -5.799026 | -0.001510 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -7.381788 | -0.001922 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -3.433270 | -0.000894 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -5.389941 | -0.001404 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -1.991549 | -0.000519 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -4.450581 | -0.001159 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -8.458108 | -0.002203 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -3.149237 | -0.000820 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -5.578154 | -0.001453 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -5.134910 | -0.001337 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -4.704004 | -0.001185 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -4.444706 | -0.001120 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -3.516289 | -0.000886 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -7.213144 | -0.001817 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -1.772199 | -0.000446 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -5.582721 | -0.001406 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -0.766603 | -0.000193 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -6.075067 | -0.001530 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -5.996797 | -0.001511 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -6.215261 | -0.001566 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -5.778113 | -0.001455 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -3.321545 | -0.000837 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -8.520528 | -0.002146 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -5.504974 | -0.001387 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -7.619063 | -0.001919 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -3.902930 | -0.000983 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -6.585695 | -0.001659 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -7.472812 | -0.001882 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -3.037700 | -0.000817 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -5.871194 | -0.001578 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -5.428552 | -0.001459 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -4.113858 | -0.001106 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -4.205173 | -0.001130 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -3.441303 | -0.000925 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -6.678715 | -0.001795 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -3.561110 | -0.000957 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -2.152439 | -0.000579 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -3.594915 | -0.000966 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -0.097703 | -0.000026 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -3.000369 | -0.000807 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -5.638390 | -0.001516 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -5.519696 | -0.001484 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -5.945807 | -0.001598 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -3.761148 | -0.001011 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -5.808417 | -0.001561 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -4.152901 | -0.001116 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -6.802144 | -0.001771 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -3.797958 | -0.000989 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -9.307385 | -0.002424 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -6.385105 | -0.001663 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -4.429019 | -0.001153 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -4.158085 | -0.001083 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -5.869056 | -0.001528 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -6.251214 | -0.001628 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -4.506510 | -0.001174 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -6.192500 | -0.001613 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -5.421406 | -0.001412 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -6.546320 | -0.001705 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -2.844855 | -0.000741 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -6.598624 | -0.001718 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -5.398509 | -0.001406 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -5.136001 | -0.001338 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -6.478034 | -0.001687 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -4.342191 | -0.001131 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -2.020903 | -0.000510 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -3.816449 | -0.000964 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -4.583937 | -0.001158 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -3.557805 | -0.000898 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -6.365393 | -0.001607 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -5.281920 | -0.001334 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -6.403953 | -0.001617 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -4.807295 | -0.001214 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -3.034343 | -0.000766 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -6.456535 | -0.001630 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -5.389765 | -0.001361 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -6.069742 | -0.001533 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -4.132371 | -0.001044 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -5.784685 | -0.001461 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -8.434582 | -0.002130 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -6.585767 | -0.001663 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -4.911345 | -0.001240 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -6.495325 | -0.001640 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -5.730033 | -0.001538 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -1.610741 | -0.000432 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -4.587591 | -0.001232 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -0.778860 | -0.000209 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -4.080346 | -0.001095 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -0.681963 | -0.000183 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -4.254750 | -0.001142 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -4.731084 | -0.001270 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -4.417813 | -0.001186 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -4.031220 | -0.001082 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -3.640889 | -0.000977 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -4.159328 | -0.001117 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -3.068801 | -0.000824 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -4.491037 | -0.001206 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -3.735963 | -0.001003 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -5.061487 | -0.001359 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -3.631753 | -0.000975 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -3.765806 | -0.001011 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -2.218854 | -0.000578 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -3.770202 | -0.000982 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -5.227038 | -0.001361 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -3.898041 | -0.001015 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -4.471587 | -0.001164 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -5.494193 | -0.001431 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -5.020276 | -0.001307 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -1.994587 | -0.000519 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -4.374052 | -0.001139 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -4.028907 | -0.001049 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -4.574324 | -0.001191 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -4.513846 | -0.001175 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -4.587300 | -0.001195 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -6.364178 | -0.001657 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -6.031944 | -0.001571 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -2.506240 | -0.000653 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -3.575770 | -0.000931 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -9.678460 | -0.002520 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -6.780771 | -0.001714 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -1.934821 | -0.000489 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -4.597361 | -0.001162 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -2.866391 | -0.000725 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -6.644690 | -0.001680 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -2.073359 | -0.000524 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -2.459610 | -0.000421 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -4.829610 | -0.001221 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -3.526143 | -0.000892 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -6.415807 | -0.001622 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -7.405365 | -0.001872 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -4.716882 | -0.001193 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -6.182176 | -0.001563 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -3.542981 | -0.000896 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -2.852453 | -0.000721 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -8.808904 | -0.002227 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -6.643683 | -0.001680 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -5.884293 | -0.001488 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -5.877564 | -0.001576 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -4.603018 | -0.001234 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -3.505496 | -0.000940 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -1.942167 | -0.000521 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -3.999812 | -0.001072 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -2.433534 | -0.000652 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -5.419576 | -0.001453 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -3.640084 | -0.000976 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -2.463866 | -0.000661 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -3.558394 | -0.000954 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -6.775679 | -0.001817 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -4.766881 | -0.001278 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -6.131408 | -0.001644 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -1.006679 | -0.000270 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -2.997689 | -0.000804 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -2.604757 | -0.000698 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -3.669112 | -0.000984 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -5.203696 | -0.001395 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -2.320166 | -0.000604 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -2.552615 | -0.000665 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -2.687511 | -0.000700 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -6.349738 | -0.001654 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -4.977866 | -0.001296 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -6.105979 | -0.001590 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -4.419222 | -0.001151 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -5.662767 | -0.001475 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -4.557988 | -0.001187 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -4.726363 | -0.001231 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -7.778929 | -0.002026 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -4.566213 | -0.001189 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -3.989478 | -0.001039 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -3.630563 | -0.000945 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -5.127020 | -0.001335 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -2.798246 | -0.000729 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -5.848989 | -0.001523 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -3.803689 | -0.000991 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -2.581402 | -0.000654 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -5.562239 | -0.001408 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -4.606278 | -0.001166 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -2.310320 | -0.000585 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -4.514631 | -0.001143 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -4.590711 | -0.001162 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -3.527838 | -0.000893 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -2.707908 | -0.000686 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -4.820420 | -0.001220 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -5.502953 | -0.001393 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -3.454087 | -0.000874 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -6.621153 | -0.001676 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -1.657864 | -0.000420 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -7.192263 | -0.001821 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -5.781785 | -0.001464 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -3.746231 | -0.000948 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -7.606205 | -0.001926 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -7.192911 | -0.001821 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -3.972204 | -0.001062 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -4.909254 | -0.001313 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -1.543419 | -0.000413 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -3.146963 | -0.000841 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -0.439591 | -0.000118 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -3.309797 | -0.000885 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -3.746327 | -0.001002 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -1.952582 | -0.000522 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -4.518077 | -0.001208 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -6.778069 | -0.001812 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -0.782770 | -0.000209 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -5.008022 | -0.001339 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -9.323596 | -0.002493 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -6.938113 | -0.001855 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -2.912018 | -0.000779 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -6.619873 | -0.001770 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -3.718245 | -0.000994 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -2.525039 | -0.000675 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -3.894880 | -0.001014 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -4.418863 | -0.001151 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -1.848078 | -0.000481 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -3.764325 | -0.000980 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -5.908978 | -0.001539 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -6.135827 | -0.001598 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -4.355939 | -0.001134 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -4.429812 | -0.001154 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -7.135931 | -0.001858 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -4.695003 | -0.001223 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -3.077471 | -0.000801 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -5.718008 | -0.001489 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -6.494388 | -0.001691 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -2.854518 | -0.000743 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -6.434873 | -0.001676 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -7.353981 | -0.001915 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -4.734849 | -0.001233 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -6.459763 | -0.001682 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -2.815728 | -0.000715 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -3.278216 | -0.000832 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -4.917808 | -0.001248 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -6.026506 | -0.001530 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -2.550427 | -0.000647 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -2.566303 | -0.000651 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -3.947144 | -0.001002 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -5.407035 | -0.001372 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -3.861364 | -0.000980 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -8.264547 | -0.002098 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -4.085238 | -0.001037 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -6.072457 | -0.001541 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -3.408965 | -0.000865 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -3.498971 | -0.000888 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -6.694754 | -0.001699 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -8.992219 | -0.002282 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 40  | -6.304935 | -0.001600 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full | NV | 50  | -5.537960 | -0.001406 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -4.648445 | -0.001241 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -2.773232 | -0.000741 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -3.463692 | -0.000925 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -3.685481 | -0.000984 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -1.617736 | -0.000432 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -4.243412 | -0.001133 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -3.036573 | -0.000811 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -4.343169 | -0.001160 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -5.670786 | -0.001514 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -3.869334 | -0.001033 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -8.031623 | -0.002145 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -6.535477 | -0.001745 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -5.741839 | -0.001533 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -6.923922 | -0.001849 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -5.554735 | -0.001483 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 30  | -4.565442 | -0.001219 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -3.729652 | -0.000996 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -6.415733 | -0.001713 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -2.864985 | -0.000746 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -3.432803 | -0.000894 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -2.445987 | -0.000637 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -4.171408 | -0.001086 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -1.332137 | -0.000347 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -3.326029 | -0.000866 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -2.742453 | -0.000714 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -4.693732 | -0.001222 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -2.980092 | -0.000776 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -4.773153 | -0.001243 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -8.000929 | -0.002084 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -5.945383 | -0.001548 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -7.450446 | -0.001940 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -9.065102 | -0.002361 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -3.131711 | -0.000816 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -2.610672 | -0.000680 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -2.877493 | -0.000749 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -6.556965 | -0.001708 | PASS |

|                              |    |      |           |     |            |    |     |           |           |      |
|------------------------------|----|------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |      |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -4.176289 | -0.001061 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -6.408496 | -0.001629 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -1.083989 | -0.000275 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -7.684462 | -0.001953 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -1.422486 | -0.000361 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -2.683243 | -0.000682 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -4.901313 | -0.001246 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -2.673838 | -0.000680 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -4.622975 | -0.001175 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -4.665829 | -0.001186 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -8.081909 | -0.002054 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -5.660518 | -0.001439 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -7.023902 | -0.001785 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+90 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -2.493398 | -0.000634 | PASS |

|                              |    |       |           |     |            |    |     |           |           |      |
|------------------------------|----|-------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |       |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 20  | -2.761223 | -0.000702 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 30  | -7.601034 | -0.001932 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 40  | -4.458280 | -0.001133 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | NV | 50  | -6.273711 | -0.001594 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | -30 | -3.569230 | -0.000952 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | -20 | -4.737979 | -0.001263 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | -10 | -5.443578 | -0.001452 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 0   | -2.744044 | -0.000732 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 10  | -3.458333 | -0.000922 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 20  | -1.720430 | -0.000459 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 30  | -4.414672 | -0.001177 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 40  | -3.698929 | -0.000986 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | NV | 50  | -5.098784 | -0.001360 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | -30 | -4.974927 | -0.001327 | PASS |

|                              |    |       |           |     |            |    |     |           |           |      |
|------------------------------|----|-------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |       |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | -20 | -3.223248 | -0.000860 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | -10 | -3.399546 | -0.000907 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 0   | -1.775767 | -0.000474 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 10  | -3.563227 | -0.000950 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 20  | -0.102503 | -0.000027 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 30  | 0.545221  | 0.000145  | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 40  | -6.612826 | -0.001763 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | NV | 50  | -0.122484 | -0.000033 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | -30 | -2.076023 | -0.000541 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | -20 | -4.534184 | -0.001181 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | -10 | -3.937399 | -0.001025 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 0   | -6.670805 | -0.001737 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 10  | -1.571252 | -0.000409 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 20  | -5.661562 | -0.001474 | PASS |

|                              |    |       |           |     |            |    |     |           |           |      |
|------------------------------|----|-------|-----------|-----|------------|----|-----|-----------|-----------|------|
| 00-3980                      |    |       |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 30  | -4.247146 | -0.001106 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 40  | -2.866848 | -0.000747 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | NV | 50  | -5.161676 | -0.001344 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | -30 | -4.823252 | -0.001256 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | -20 | -1.287587 | -0.000335 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | -10 | -5.228831 | -0.001362 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 0   | -4.280416 | -0.001115 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 10  | -0.959278 | -0.000250 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 20  | -6.625287 | -0.001725 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 30  | -4.193843 | -0.001092 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 40  | -3.875488 | -0.001009 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | NV | 50  | -6.309492 | -0.001643 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | -30 | -5.244081 | -0.001334 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | -20 | -4.167235 | -0.001060 | PASS |

|                              |    |       |           |     |            |    |     |           |           |      |
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| 00-3980                      |    |       |           |     |            |    |     |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | -10 | -1.008267 | -0.000257 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 0   | -4.182344 | -0.001064 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 10  | -5.785318 | -0.001472 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 20  | -2.609959 | -0.000664 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 30  | -5.021537 | -0.001278 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 40  | -3.901857 | -0.000993 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | NV | 50  | -6.583926 | -0.001675 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | -30 | -2.908893 | -0.000740 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | -20 | -3.112378 | -0.000792 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | -10 | -3.614017 | -0.000920 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 0   | -3.249565 | -0.000827 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 10  | -1.185466 | -0.000302 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 20  | -7.233573 | -0.001841 | PASS |
| DC_2A_<br>n77A-37            | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 30  | -1.533578 | -0.000390 | PASS |

|                              |    |       |           |     |            |    |    |           |           |      |
|------------------------------|----|-------|-----------|-----|------------|----|----|-----------|-----------|------|
| 00-3980                      |    |       |           |     |            |    |    |           |           |      |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 40 | -6.756921 | -0.001719 | PASS |
| DC_2A_<br>n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | NV | 50 | -3.733021 | -0.000950 | PASS |