

## **Appendix for 2A\_N77A(3450-3550MHz)**

Product Name: Smart Phone

Model No: K50

## Appendix A: Average Power Output

### Test Result

| Band                     | SC<br>S | Bandwidth<br>h | Modulation | Channel | RB Config      | Power<br>(dBm) | Power<br>Class | Verdict |
|--------------------------|---------|----------------|------------|---------|----------------|----------------|----------------|---------|
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+L     | Outer_Full     | 25.00          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+L     | Inner_Full     | 25.93          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+L     | Edge_1RB_Left  | 22.55          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+L     | Edge_1RB_Right | 22.61          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+L     | Outer_Full     | 23.98          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+L     | Inner_Full     | 24.95          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+L     | Edge_1RB_Left  | 22.64          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+L     | Edge_1RB_Right | 22.74          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+M     | Outer_Full     | 25.40          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+M     | Inner_Full     | 26.60          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+M     | Edge_1RB_Left  | 23.12          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+M     | Edge_1RB_Right | 23.09          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+M     | Outer_Full     | 24.60          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+M     | Inner_Full     | 25.42          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+M     | Edge_1RB_Left  | 23.04          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-16QAM  | M+M     | Edge_1RB_Right | 23.20          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+H     | Outer_Full     | 25.69          | PC2            | PASS    |
| DC_2A_n77A-37<br>00-3980 | 30      | 5+10           | DFT-QPSK   | M+H     | Inner_Full     | 26.72          | PC2            | PASS    |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| DC_2A_n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.37 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+10 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.44 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Outer_Full     | 24.73 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Inner_Full     | 25.63 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.54 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+10 | DFT-16QAM | M+H | Edge_1RB_Right | 23.36 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Outer_Full     | 24.96 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Inner_Full     | 25.93 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Edge_1RB_Left  | 22.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+L | Edge_1RB_Right | 22.69 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Outer_Full     | 24.02 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Inner_Full     | 25.02 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Edge_1RB_Left  | 22.65 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+L | Edge_1RB_Right | 22.55 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Outer_Full     | 25.51 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Inner_Full     | 26.42 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Edge_1RB_Left  | 23.14 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.03 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Outer_Full     | 24.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Inner_Full     | 25.54 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.23 | PC2 | PASS |
| DC_2A_n77A-37            | 30 | 5+15 | DFT-16QAM | M+M | Edge_1RB_Right | 23.12 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| 00-3980                  |    |      |           |     |                |       |     |      |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Outer_Full     | 25.84 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Inner_Full     | 26.67 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.47 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.41 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Outer_Full     | 24.72 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Inner_Full     | 25.85 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.34 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+15 | DFT-16QAM | M+H | Edge_1RB_Right | 23.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full     | 24.98 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Inner_Full     | 25.94 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Edge_1RB_Left  | 22.61 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+L | Edge_1RB_Right | 22.69 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full     | 23.96 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Inner_Full     | 24.98 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Edge_1RB_Left  | 22.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+L | Edge_1RB_Right | 22.77 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full     | 25.44 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Inner_Full     | 26.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Edge_1RB_Left  | 23.09 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.03 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full     | 24.49 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Inner_Full     | 25.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.25 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+M | Edge_1RB_Right | 23.00 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full     | 25.74 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Inner_Full     | 26.84 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.31 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.52 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full     | 24.85 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Inner_Full     | 25.82 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+20 | DFT-16QAM | M+H | Edge_1RB_Right | 23.37 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full     | 24.97 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Inner_Full     | 26.04 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Edge_1RB_Left  | 22.43 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+L | Edge_1RB_Right | 22.57 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full     | 24.05 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Inner_Full     | 25.00 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Edge_1RB_Left  | 22.52 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+L | Edge_1RB_Right | 22.60 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full     | 25.41 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Inner_Full     | 26.44 | PC2 | PASS |
| DC_2A_n77A-37            | 30 | 5+40 | DFT-QPSK  | M+M | Edge_1RB_Left  | 22.89 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| 00-3980                  |    |      |           |     |                |       |     |      |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.00 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full     | 24.45 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Inner_Full     | 25.47 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.01 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+M | Edge_1RB_Right | 23.12 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full     | 25.67 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Inner_Full     | 26.70 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Edge_1RB_Left  | 22.89 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.31 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full     | 24.69 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Inner_Full     | 25.76 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Edge_1RB_Left  | 22.99 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+40 | DFT-16QAM | M+H | Edge_1RB_Right | 23.25 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full     | 25.41 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Inner_Full     | 26.47 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Edge_1RB_Left  | 22.89 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+L | Edge_1RB_Right | 22.99 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full     | 24.47 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Inner_Full     | 25.48 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Edge_1RB_Left  | 23.00 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+L | Edge_1RB_Right | 23.08 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full     | 25.93 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Inner_Full     | 26.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Edge_1RB_Left  | 23.38 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.63 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full     | 25.01 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Inner_Full     | 25.96 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.38 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+M | Edge_1RB_Right | 23.75 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full     | 25.91 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Inner_Full     | 26.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.40 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.66 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full     | 24.90 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Inner_Full     | 25.94 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.49 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+50 | DFT-16QAM | M+H | Edge_1RB_Right | 23.69 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full     | 25.41 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Inner_Full     | 26.40 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Edge_1RB_Left  | 22.81 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+L | Edge_1RB_Right | 22.97 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full     | 24.41 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Inner_Full     | 25.43 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| 00-3980                  |    |      |           |     |                |       |     |      |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Edge_1RB_Left  | 22.55 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+L | Edge_1RB_Right | 23.09 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full     | 25.79 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Inner_Full     | 26.90 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Edge_1RB_Left  | 23.25 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.54 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full     | 24.90 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Inner_Full     | 25.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.41 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+M | Edge_1RB_Right | 23.51 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full     | 25.89 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Inner_Full     | 26.84 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.29 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.59 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full     | 24.88 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Inner_Full     | 25.86 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.41 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+60 | DFT-16QAM | M+H | Edge_1RB_Right | 23.66 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+L | Outer_Full     | 25.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+L | Inner_Full     | 26.48 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+L | Edge_1RB_Left  | 22.91 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+L | Edge_1RB_Right | 23.04 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+L | Outer_Full     | 24.49 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+L | Inner_Full     | 25.51 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+L | Edge_1RB_Left  | 22.83 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+L | Edge_1RB_Right | 23.06 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+M | Outer_Full     | 25.98 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+M | Inner_Full     | 26.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+M | Edge_1RB_Left  | 23.37 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.52 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+M | Outer_Full     | 24.99 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+M | Inner_Full     | 25.96 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.21 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+M | Edge_1RB_Right | 23.63 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+H | Outer_Full     | 25.91 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+H | Inner_Full     | 26.86 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.24 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.60 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+H | Outer_Full     | 24.98 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+H | Inner_Full     | 25.81 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.33 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+70 | DFT-16QAM | M+H | Edge_1RB_Right | 23.68 | PC2 | PASS |
| DC_2A_n77A-37            | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full     | 25.82 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| 00-3980                  |    |      |           |     |                |       |     |      |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Inner_Full     | 26.89 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Edge_1RB_Left  | 23.31 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+L | Edge_1RB_Right | 23.27 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full     | 24.72 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Inner_Full     | 25.85 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Edge_1RB_Left  | 23.49 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+L | Edge_1RB_Right | 23.42 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full     | 25.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Inner_Full     | 27.00 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Edge_1RB_Left  | 23.43 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.52 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full     | 24.79 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Inner_Full     | 25.90 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.50 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+M | Edge_1RB_Right | 23.66 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Outer_Full     | 25.94 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Inner_Full     | 26.91 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.43 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.68 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Outer_Full     | 24.91 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Inner_Full     | 25.86 | PC2 | PASS |

|                          |    |      |           |     |                |       |     |      |
|--------------------------|----|------|-----------|-----|----------------|-------|-----|------|
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.44 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+80 | DFT-16QAM | M+H | Edge_1RB_Right | 23.67 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Outer_Full     | 25.84 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Inner_Full     | 26.91 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Edge_1RB_Left  | 23.25 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+L | Edge_1RB_Right | 23.34 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Outer_Full     | 24.88 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Inner_Full     | 25.91 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Edge_1RB_Left  | 23.24 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+L | Edge_1RB_Right | 23.47 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Outer_Full     | 25.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Inner_Full     | 26.97 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Edge_1RB_Left  | 23.24 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.49 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Outer_Full     | 24.86 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Inner_Full     | 25.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.28 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-16QAM | M+M | Edge_1RB_Right | 23.53 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Outer_Full     | 25.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Inner_Full     | 26.88 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.43 | PC2 | PASS |
| DC_2A_n77A-37            | 30 | 5+90 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.53 | PC2 | PASS |

|                          |    |       |           |     |                |       |     |      |
|--------------------------|----|-------|-----------|-----|----------------|-------|-----|------|
| 00-3980                  |    |       |           |     |                |       |     |      |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full     | 24.94 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Inner_Full     | 25.89 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Edge_1RB_Left  | 23.54 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+90  | DFT-16QAM | M+H | Edge_1RB_Right | 23.75 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full     | 25.83 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Inner_Full     | 26.81 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Edge_1RB_Left  | 22.94 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+L | Edge_1RB_Right | 23.40 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full     | 24.86 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Inner_Full     | 25.86 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Edge_1RB_Left  | 22.98 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+L | Edge_1RB_Right | 23.42 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full     | 25.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Inner_Full     | 26.98 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Edge_1RB_Left  | 22.99 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+M | Edge_1RB_Right | 23.27 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full     | 24.95 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Inner_Full     | 25.99 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Edge_1RB_Left  | 23.07 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+M | Edge_1RB_Right | 23.40 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full     | 25.90 | PC2 | PASS |

|                          |    |       |           |     |                |       |     |      |
|--------------------------|----|-------|-----------|-----|----------------|-------|-----|------|
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Inner_Full     | 26.70 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Edge_1RB_Left  | 23.26 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-QPSK  | M+H | Edge_1RB_Right | 23.45 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full     | 24.90 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Inner_Full     | 25.82 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Edge_1RB_Left  | 23.17 | PC2 | PASS |
| DC_2A_n77A-37<br>00-3980 | 30 | 5+100 | DFT-16QAM | M+H | Edge_1RB_Right | 23.54 | PC2 | PASS |

## Appendix B: Peak-to-Average Ratio for NSA

### Peak-to-Average Ratio(CCDF)

#### Test Result

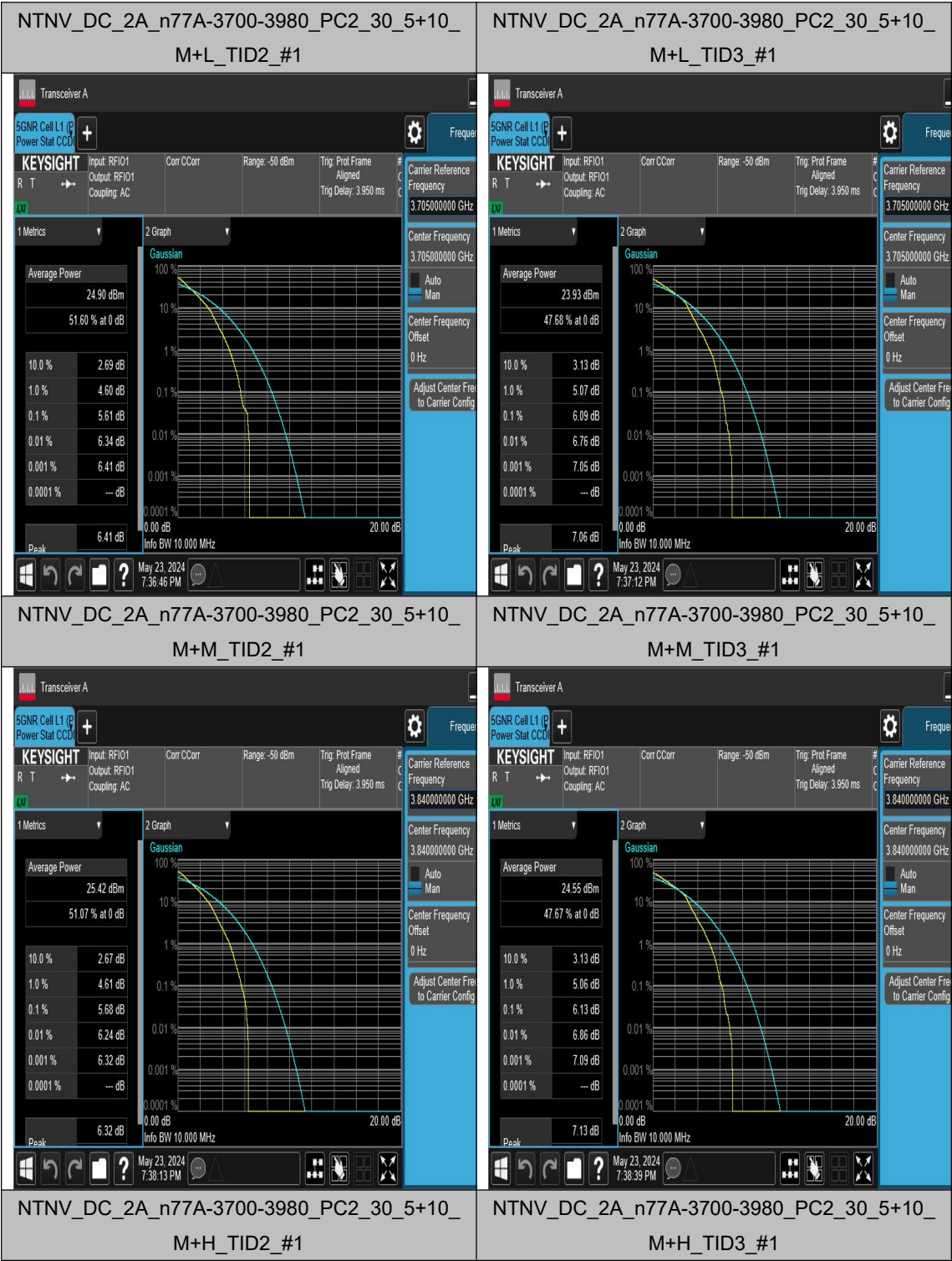
| Band                         | SCS | Bandwidth | Modulation | Channel | RB Config  | Result | Limit | Verdict |
|------------------------------|-----|-----------|------------|---------|------------|--------|-------|---------|
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | 5.61   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+10      | DFT-16QAM  | M+L     | Outer_Full | 6.09   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+10      | DFT-QPSK   | M+M     | Outer_Full | 5.68   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+10      | DFT-16QAM  | M+M     | Outer_Full | 6.13   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+10      | DFT-QPSK   | M+H     | Outer_Full | 5.58   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+10      | DFT-16QAM  | M+H     | Outer_Full | 6.06   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+15      | DFT-QPSK   | M+L     | Outer_Full | 5.61   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+15      | DFT-16QAM  | M+L     | Outer_Full | 6.29   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+15      | DFT-QPSK   | M+M     | Outer_Full | 5.55   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+15      | DFT-16QAM  | M+M     | Outer_Full | 6.38   | ≤13   | PASS    |
| DC_2A_n7<br>7A-3700-39<br>80 | 30  | 5+15      | DFT-QPSK   | M+H     | Outer_Full | 5.53   | ≤13   | PASS    |
| DC_2A_n7                     | 30  | 5+15      | DFT-16QAM  | M+H     | Outer_Full | 6.38   | ≤13   | PASS    |

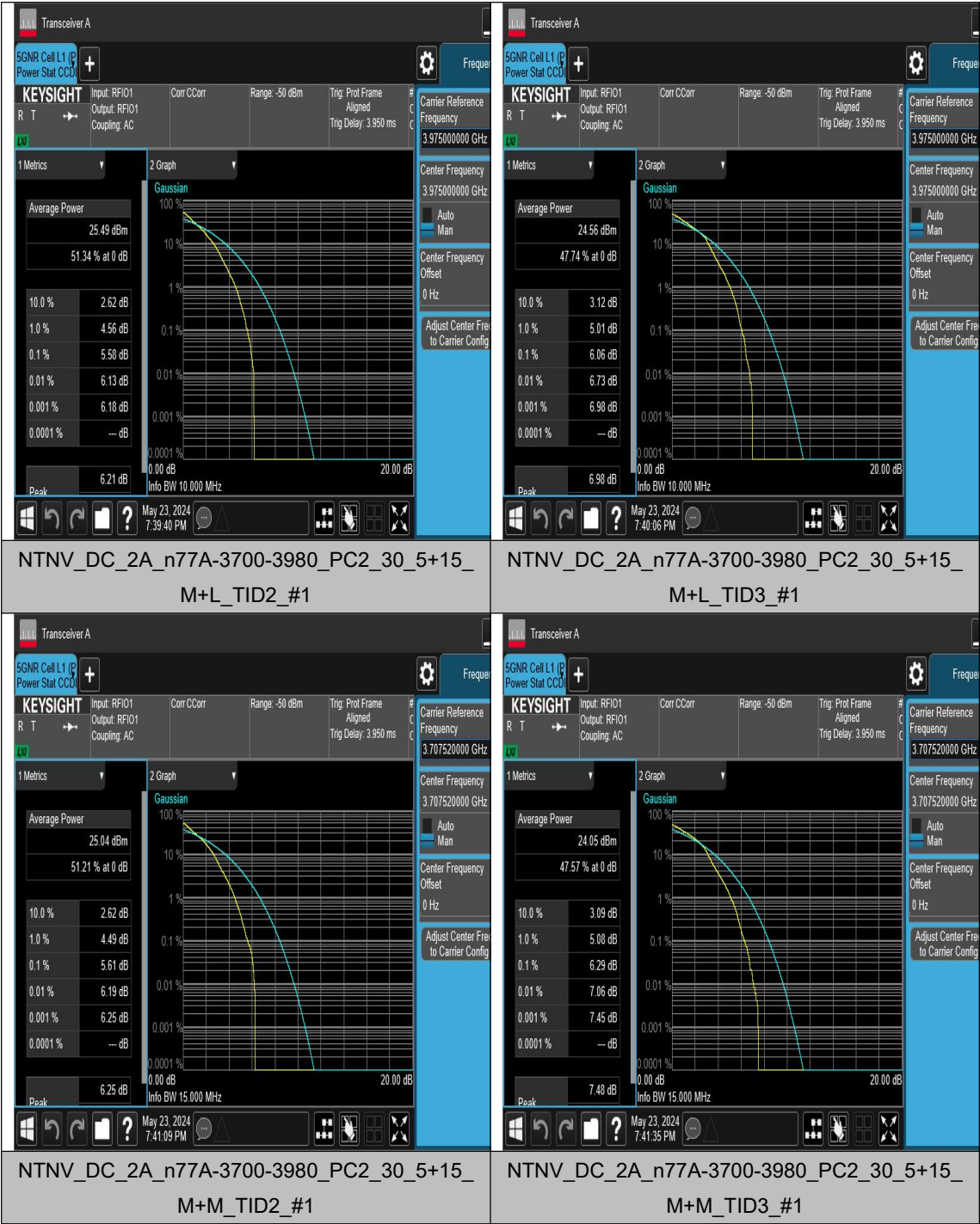
|                              |    |      |           |     |            |      |     |      |
|------------------------------|----|------|-----------|-----|------------|------|-----|------|
| 7A-3700-39<br>80             |    |      |           |     |            |      |     |      |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+20 | DFT-QPSK  | M+L | Outer_Full | 5.72 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+20 | DFT-16QAM | M+L | Outer_Full | 6.42 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+20 | DFT-QPSK  | M+M | Outer_Full | 5.75 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+20 | DFT-16QAM | M+M | Outer_Full | 6.49 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+20 | DFT-QPSK  | M+H | Outer_Full | 5.73 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | 6.48 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | 5.70 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | 6.26 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | 5.65 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | 6.22 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | 5.63 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | 6.27 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | 5.91 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39       | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | 6.39 | ≤13 | PASS |

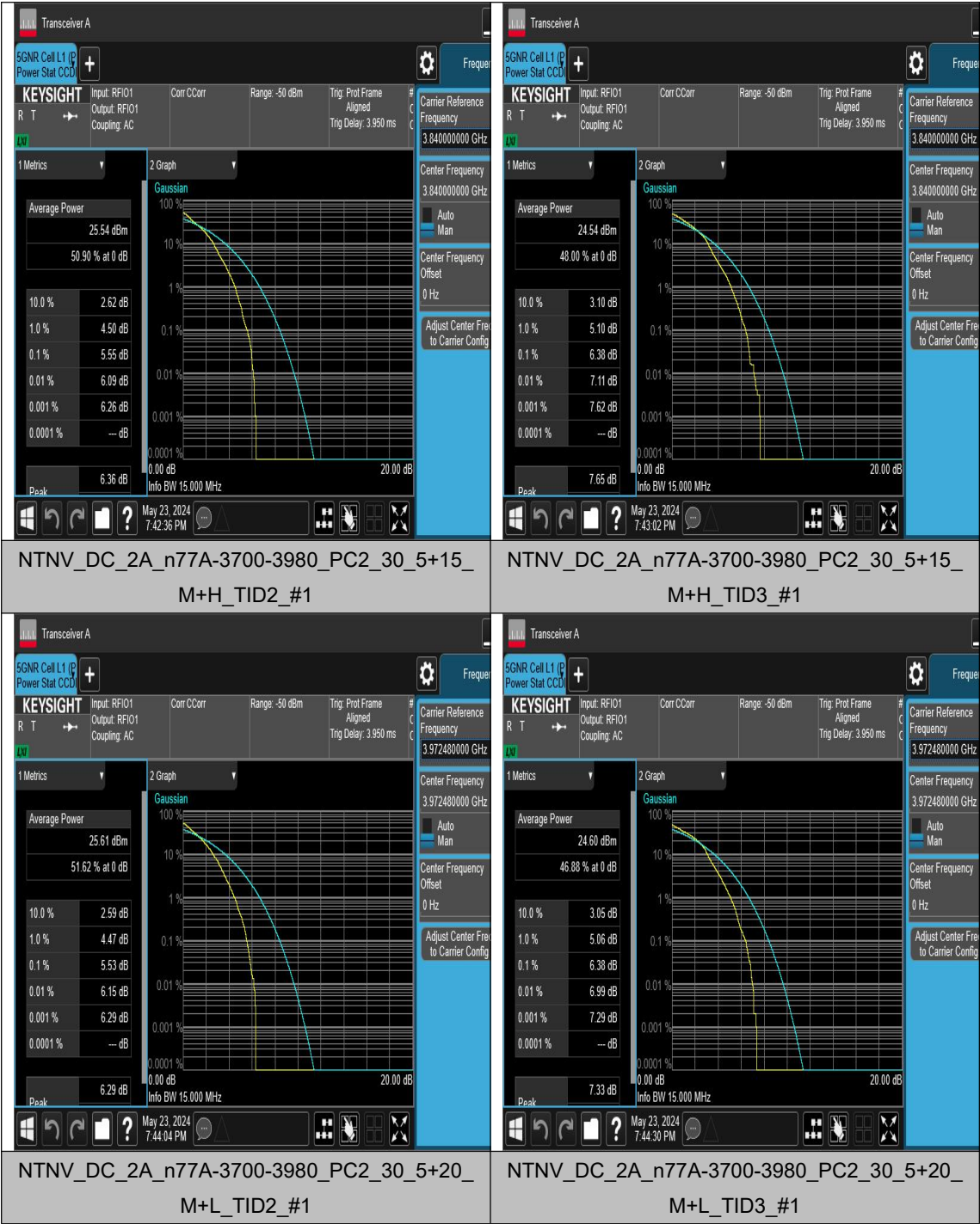
|                              |    |      |           |     |            |      |     |      |
|------------------------------|----|------|-----------|-----|------------|------|-----|------|
| 80                           |    |      |           |     |            |      |     |      |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | 5.86 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | 6.33 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | 5.82 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | 6.33 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | 5.68 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | 6.29 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | 5.62 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | 6.35 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | 5.61 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | 6.31 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | 5.71 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | 6.43 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | 5.79 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+80 | DFT-16QAM | M+M | Outer_Full | 6.36 | ≤13 | PASS |

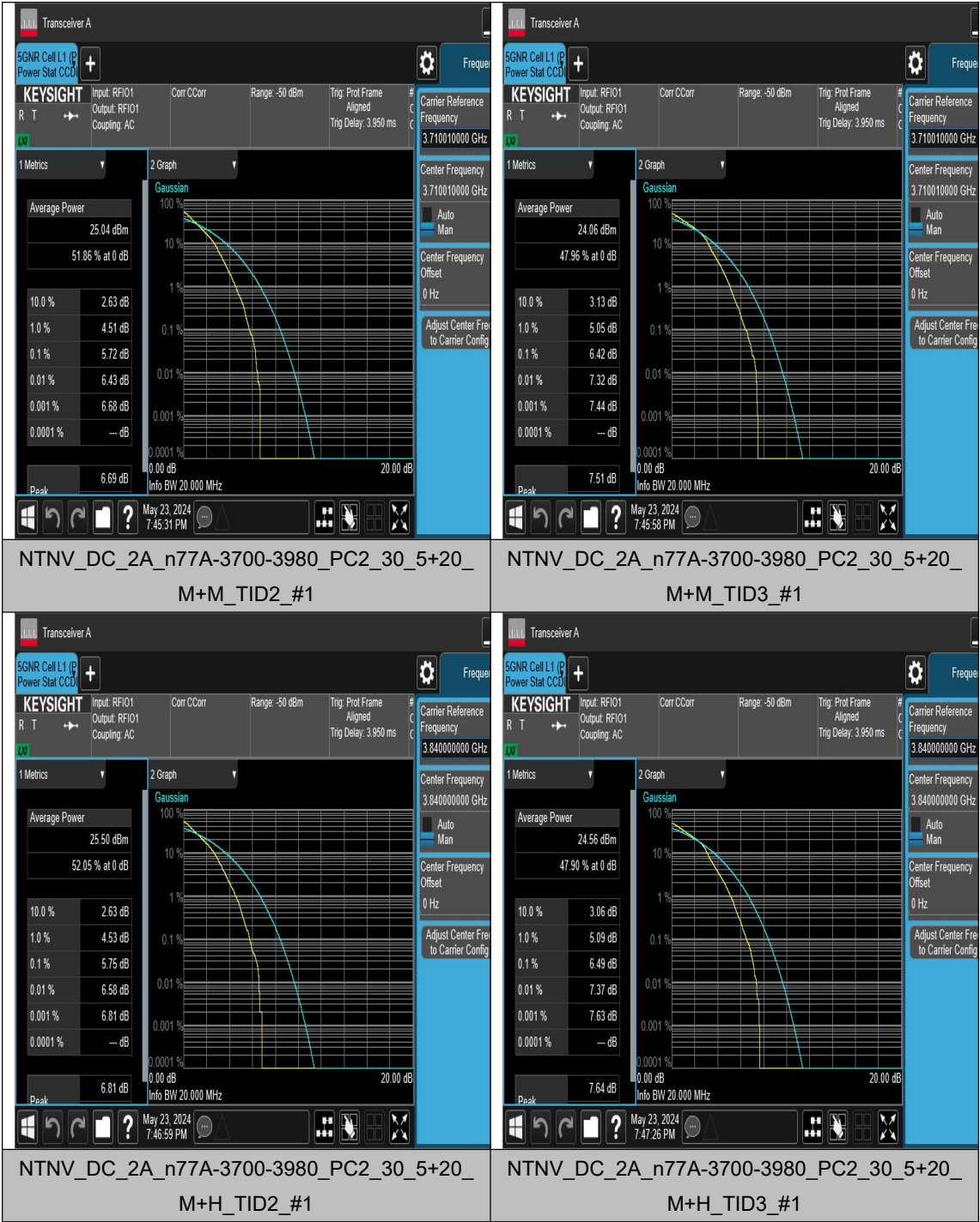
|                              |    |       |           |     |            |      |     |      |
|------------------------------|----|-------|-----------|-----|------------|------|-----|------|
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+80  | DFT-QPSK  | M+H | Outer_Full | 5.66 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+80  | DFT-16QAM | M+H | Outer_Full | 6.38 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+90  | DFT-QPSK  | M+L | Outer_Full | 5.76 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+90  | DFT-16QAM | M+L | Outer_Full | 6.57 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+90  | DFT-QPSK  | M+M | Outer_Full | 5.70 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+90  | DFT-16QAM | M+M | Outer_Full | 6.45 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+90  | DFT-QPSK  | M+H | Outer_Full | 5.68 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | 6.44 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | 5.78 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | 6.57 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | 5.78 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | 6.47 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | 5.72 | ≤13 | PASS |
| DC_2A_n7<br>7A-3700-39<br>80 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | 6.53 | ≤13 | PASS |

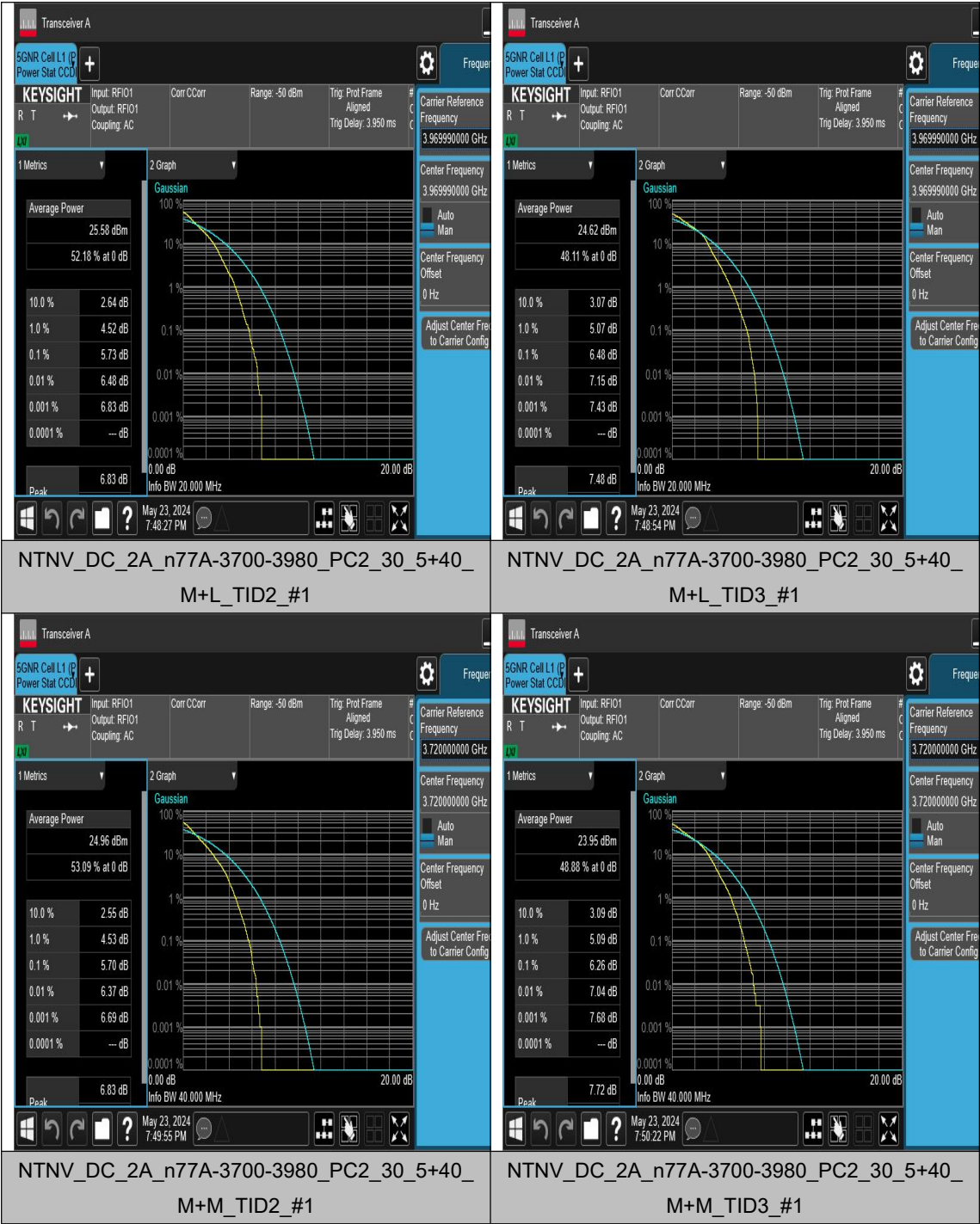
Test Graphs

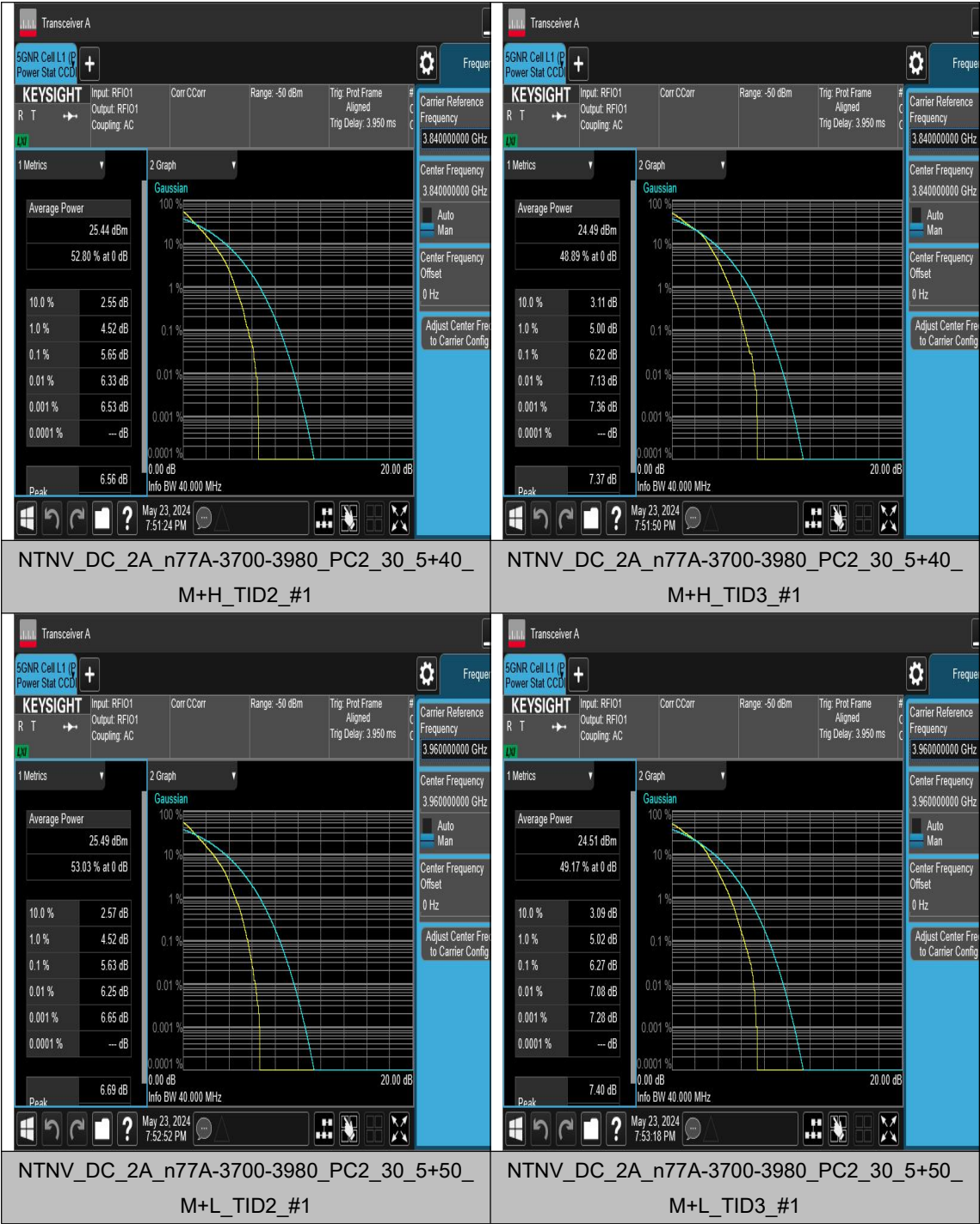


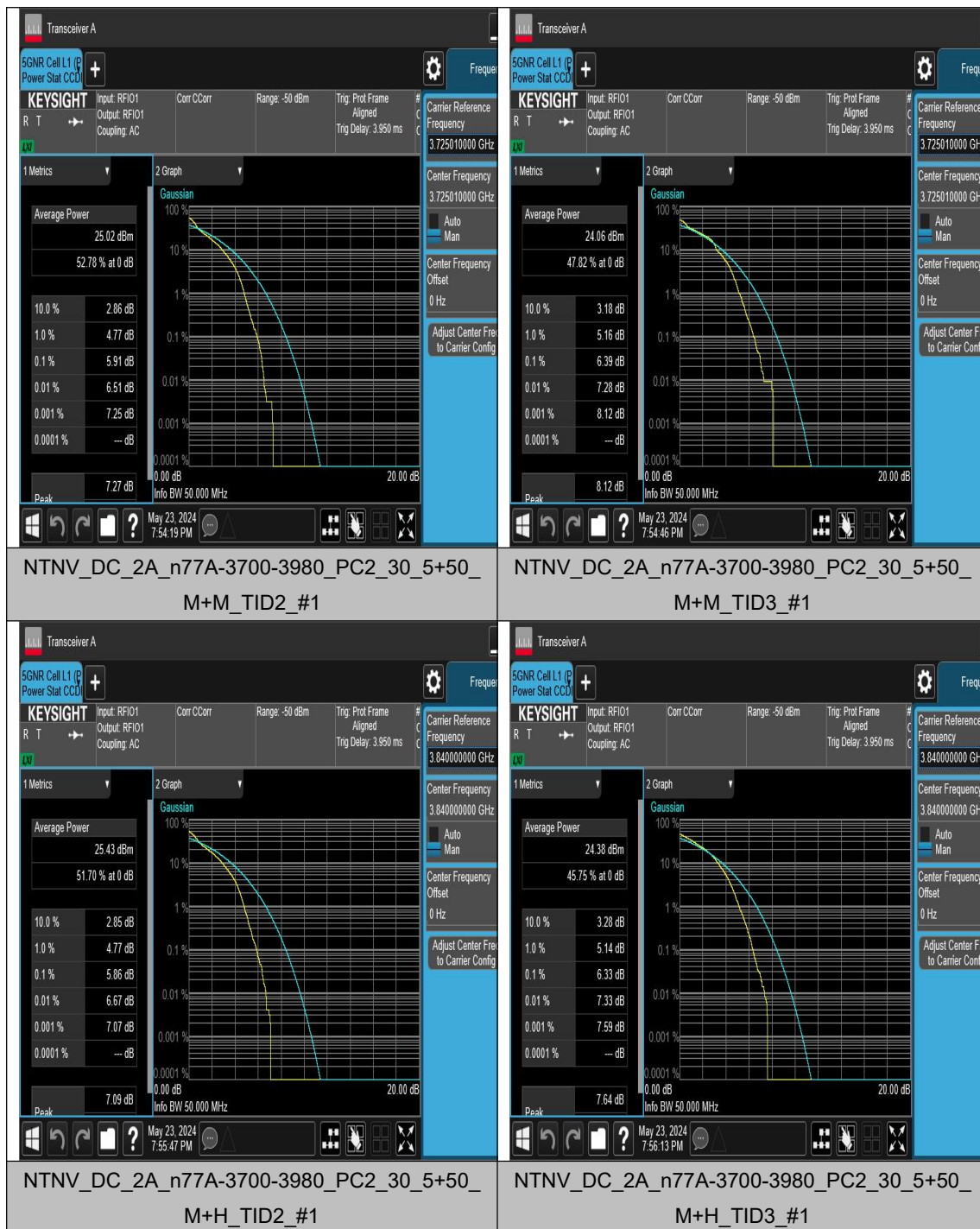


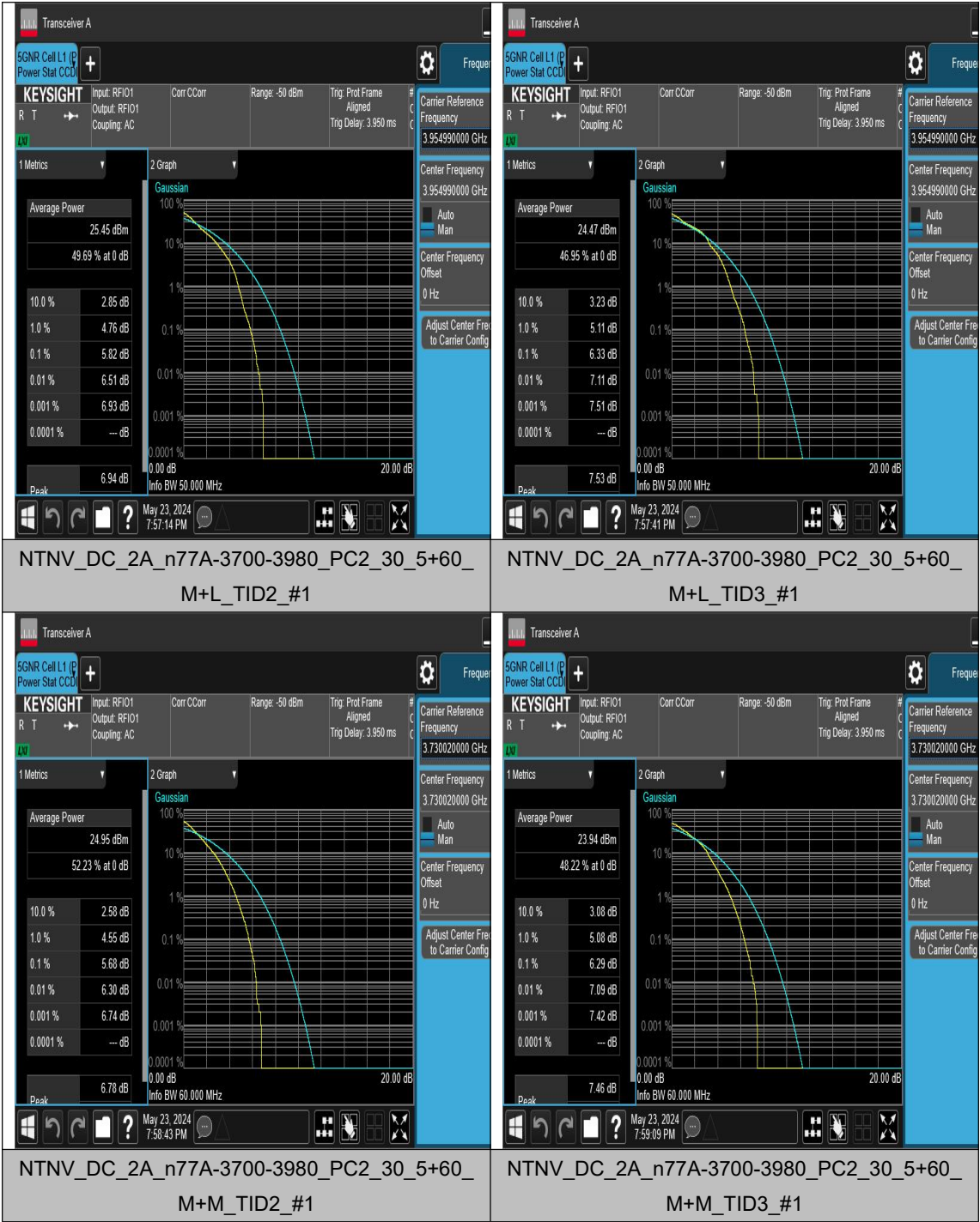


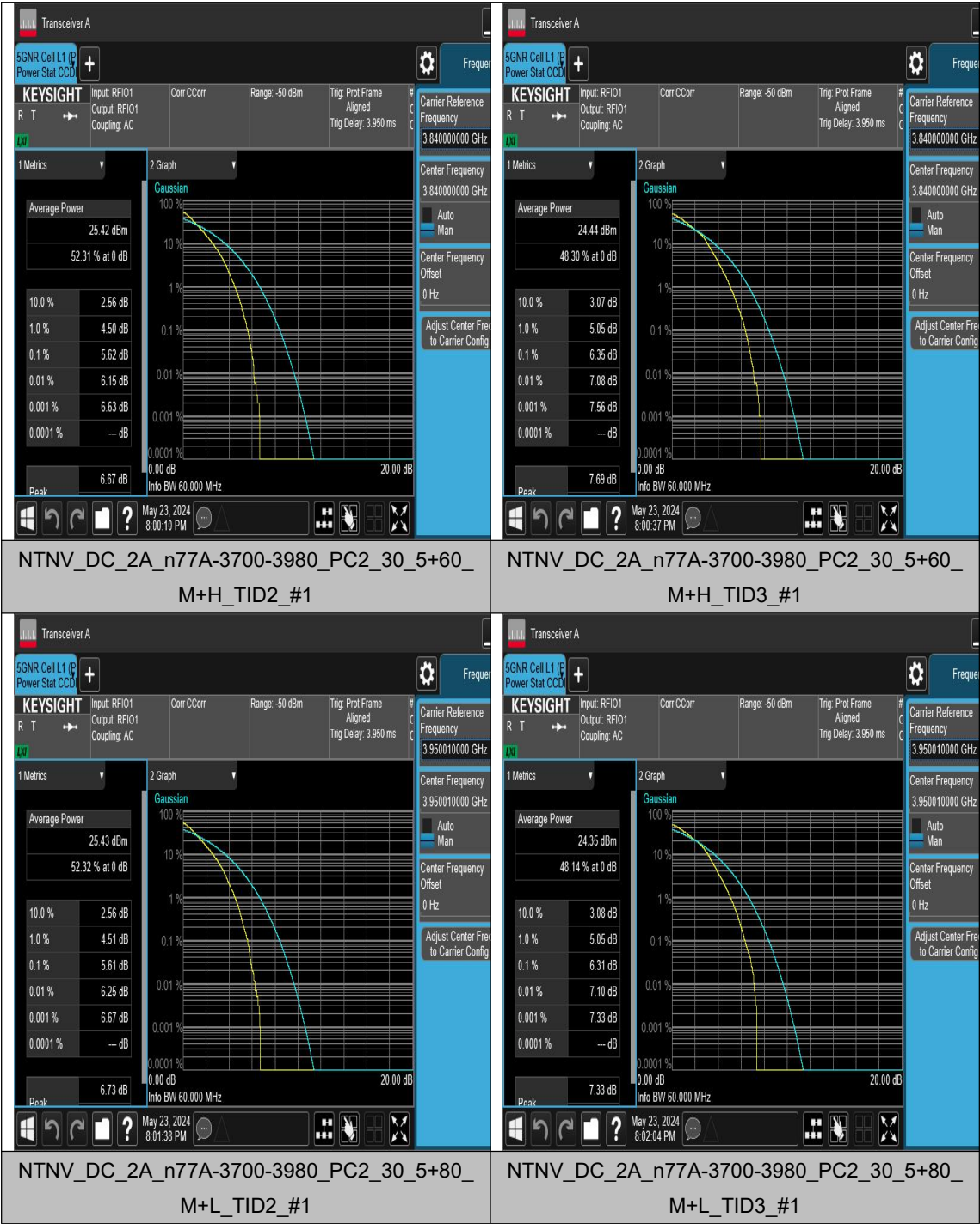


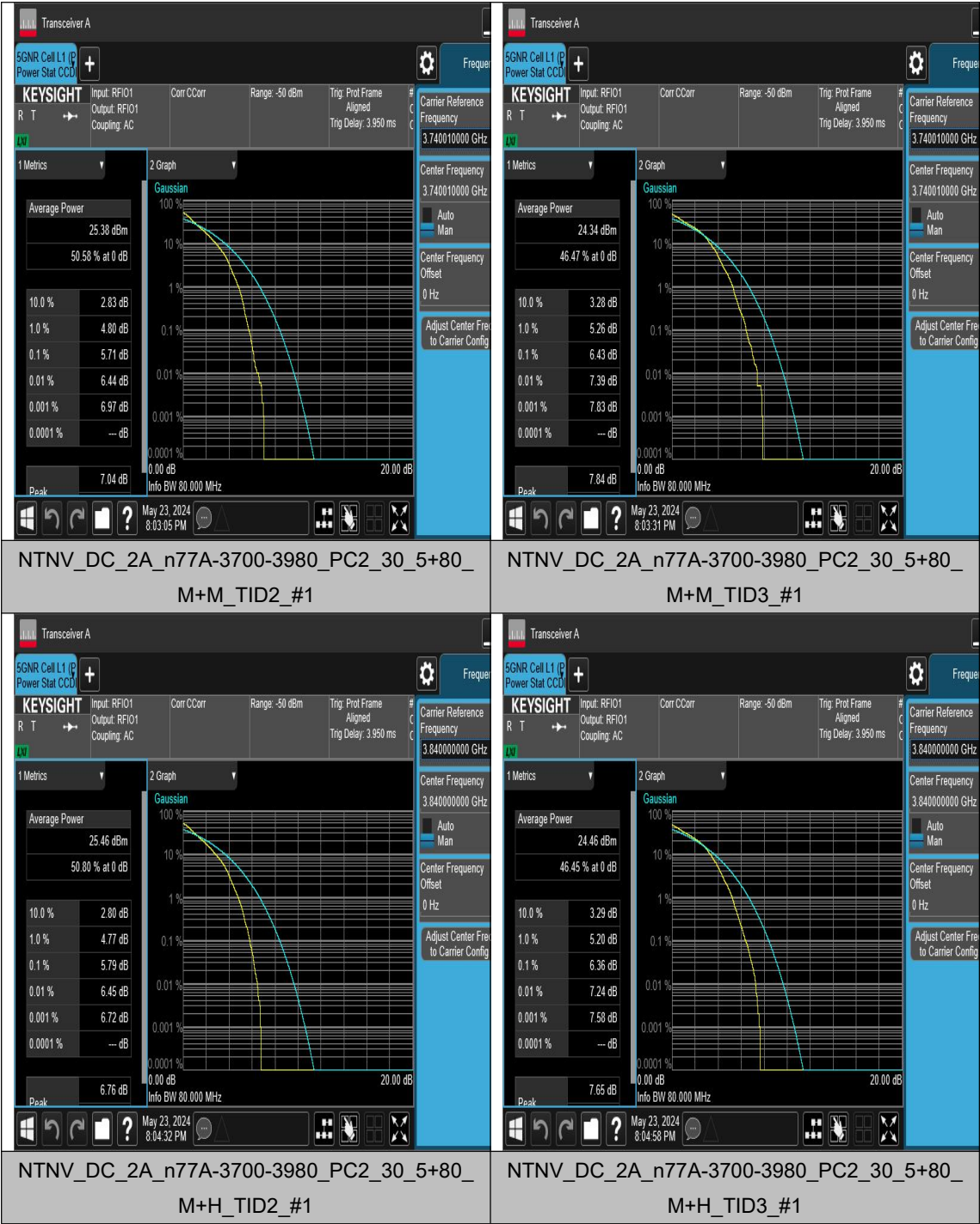


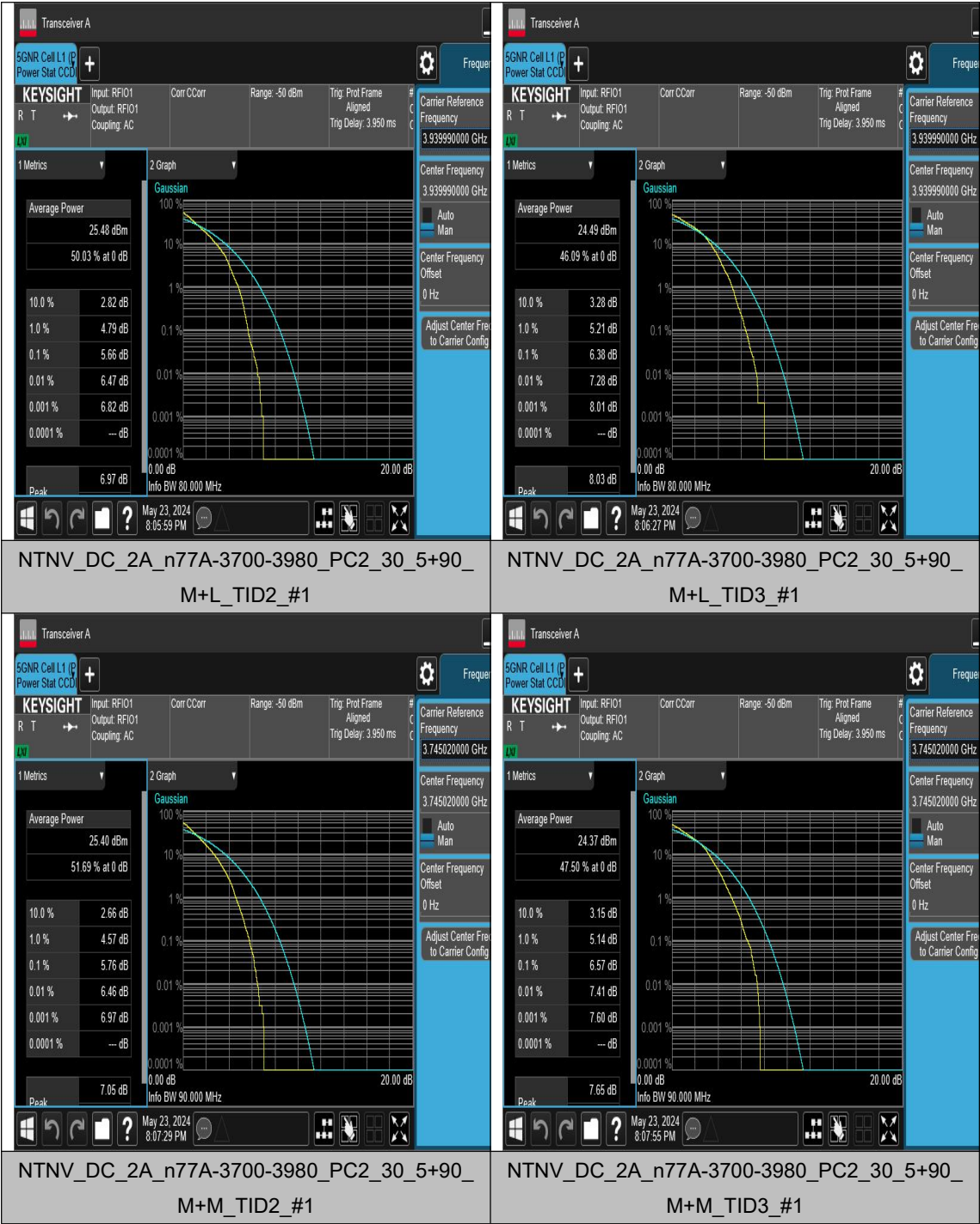


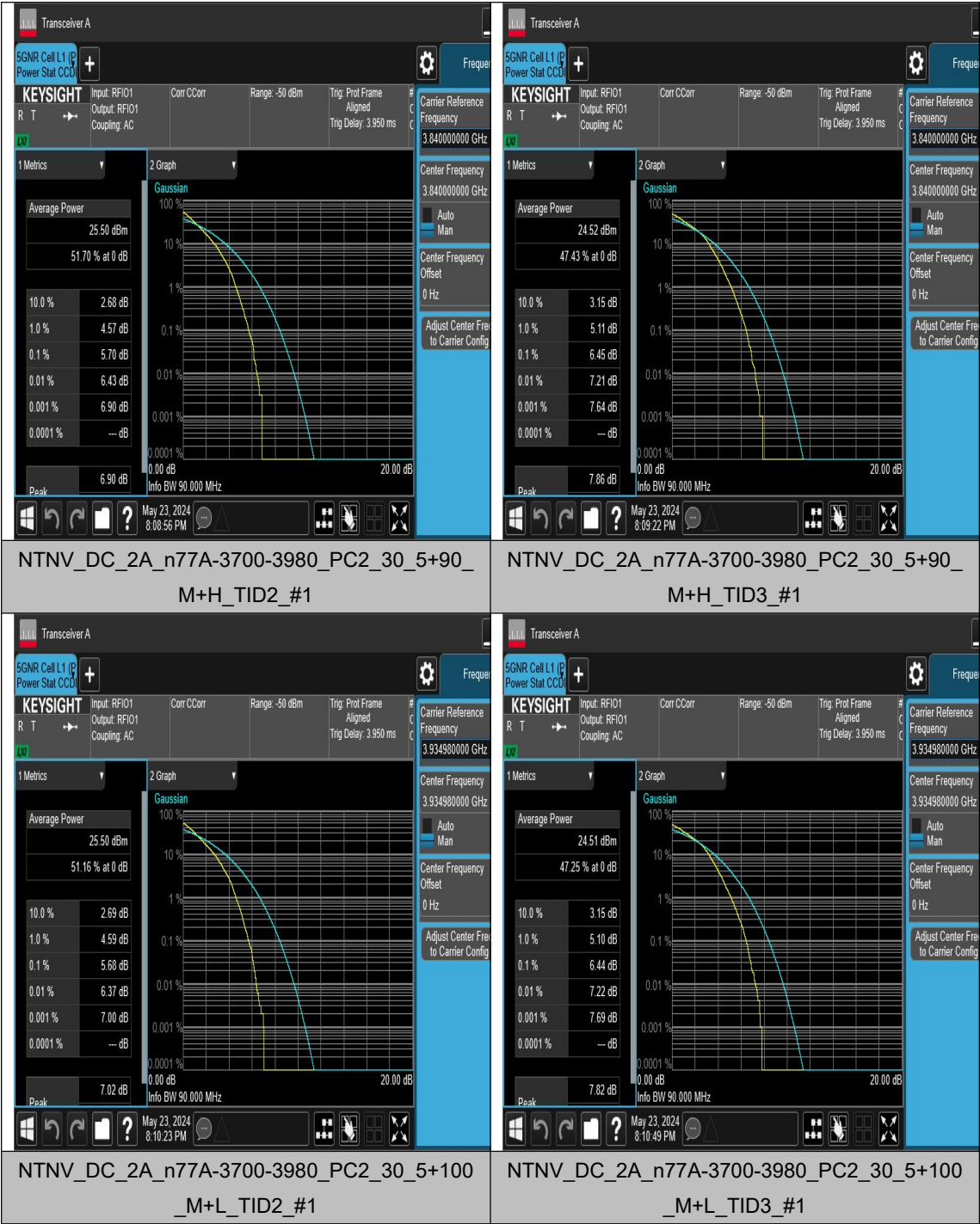


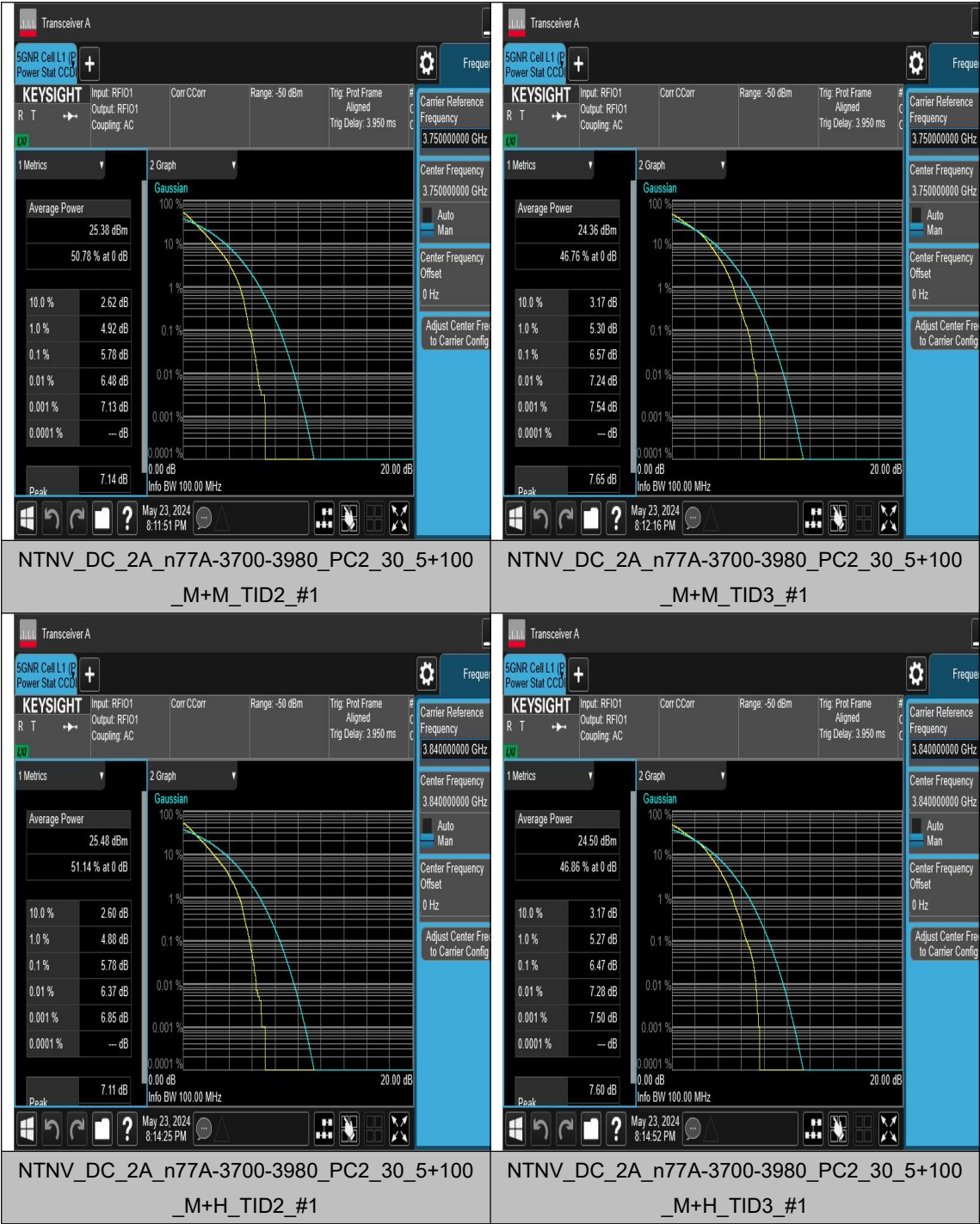














## Appendix C: 26dB Bandwidth and Occupied Bandwidth for

### NSA

#### Test Result

| Band                     | SCS | Bandwidth | Modulation | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|--------------------------|-----|-----------|------------|---------|------------|--------------|---------------|---------|
| DC_2A_n77A-3700-39<br>80 | 30  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | 8.5878       | 9.352         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+10      | DFT-16QAM  | M+L     | Outer_Full | 8.5730       | 9.291         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+10      | DFT-QPSK   | M+M     | Outer_Full | 8.5921       | 9.331         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+10      | DFT-16QAM  | M+M     | Outer_Full | 8.5840       | 9.342         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+10      | DFT-QPSK   | M+H     | Outer_Full | 8.5904       | 9.350         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+10      | DFT-16QAM  | M+H     | Outer_Full | 8.5705       | 9.282         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+15      | DFT-QPSK   | M+L     | Outer_Full | 13.566       | 14.48         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+15      | DFT-16QAM  | M+L     | Outer_Full | 13.578       | 14.52         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+15      | DFT-QPSK   | M+M     | Outer_Full | 13.542       | 14.50         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+15      | DFT-16QAM  | M+M     | Outer_Full | 13.561       | 14.40         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+15      | DFT-QPSK   | M+H     | Outer_Full | 13.564       | 14.49         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+15      | DFT-16QAM  | M+H     | Outer_Full | 13.584       | 14.48         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+20      | DFT-QPSK   | M+L     | Outer_Full | 18.219       | 19.25         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+20      | DFT-16QAM  | M+L     | Outer_Full | 18.251       | 19.31         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+20      | DFT-QPSK   | M+M     | Outer_Full | 18.176       | 19.19         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+20      | DFT-16QAM  | M+M     | Outer_Full | 18.243       | 19.16         | PASS    |
| DC_2A_n77A-3700-39<br>80 | 30  | 5+20      | DFT-QPSK   | M+H     | Outer_Full | 18.205       | 19.27         | PASS    |

|                          |    |      |           |     |            |        |       |      |
|--------------------------|----|------|-----------|-----|------------|--------|-------|------|
| DC_2A_n77A-3700-39<br>80 | 30 | 5+20 | DFT-16QAM | M+H | Outer_Full | 18.263 | 19.22 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+40 | DFT-QPSK  | M+L | Outer_Full | 37.920 | 39.67 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+40 | DFT-16QAM | M+L | Outer_Full | 37.813 | 39.58 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+40 | DFT-QPSK  | M+M | Outer_Full | 37.813 | 39.52 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+40 | DFT-16QAM | M+M | Outer_Full | 37.731 | 39.46 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+40 | DFT-QPSK  | M+H | Outer_Full | 37.856 | 39.53 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+40 | DFT-16QAM | M+H | Outer_Full | 37.824 | 39.52 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+50 | DFT-QPSK  | M+L | Outer_Full | 47.400 | 49.51 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+50 | DFT-16QAM | M+L | Outer_Full | 47.393 | 49.43 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+50 | DFT-QPSK  | M+M | Outer_Full | 47.326 | 49.49 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+50 | DFT-16QAM | M+M | Outer_Full | 47.330 | 49.38 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+50 | DFT-QPSK  | M+H | Outer_Full | 47.353 | 49.50 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+50 | DFT-16QAM | M+H | Outer_Full | 47.357 | 49.40 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+60 | DFT-QPSK  | M+L | Outer_Full | 57.874 | 60.02 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+60 | DFT-16QAM | M+L | Outer_Full | 57.736 | 59.89 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+60 | DFT-QPSK  | M+M | Outer_Full | 57.866 | 59.94 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+60 | DFT-16QAM | M+M | Outer_Full | 57.761 | 59.88 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+60 | DFT-QPSK  | M+H | Outer_Full | 57.878 | 59.86 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+60 | DFT-16QAM | M+H | Outer_Full | 57.730 | 59.88 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+80 | DFT-QPSK  | M+L | Outer_Full | 77.370 | 80.29 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+80 | DFT-16QAM | M+L | Outer_Full | 77.472 | 80.18 | PASS |
| DC_2A_n77A-3700-39       | 30 | 5+80 | DFT-QPSK  | M+M | Outer_Full | 77.408 | 80.10 | PASS |

|                          |    |       |           |     |            |        |       |      |
|--------------------------|----|-------|-----------|-----|------------|--------|-------|------|
| 80                       |    |       |           |     |            |        |       |      |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+80  | DFT-16QAM | M+M | Outer_Full | 77.435 | 80.10 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+80  | DFT-QPSK  | M+H | Outer_Full | 77.427 | 80.28 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+80  | DFT-16QAM | M+H | Outer_Full | 77.541 | 80.09 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+90  | DFT-QPSK  | M+L | Outer_Full | 87.387 | 90.47 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+90  | DFT-16QAM | M+L | Outer_Full | 87.542 | 90.41 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+90  | DFT-QPSK  | M+M | Outer_Full | 87.399 | 90.37 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+90  | DFT-16QAM | M+M | Outer_Full | 87.567 | 90.32 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+90  | DFT-QPSK  | M+H | Outer_Full | 87.383 | 90.31 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+90  | DFT-16QAM | M+H | Outer_Full | 87.576 | 90.47 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+100 | DFT-QPSK  | M+L | Outer_Full | 97.542 | 100.7 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+100 | DFT-16QAM | M+L | Outer_Full | 97.302 | 100.7 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+100 | DFT-QPSK  | M+M | Outer_Full | 97.538 | 100.7 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+100 | DFT-16QAM | M+M | Outer_Full | 97.495 | 100.7 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+100 | DFT-QPSK  | M+H | Outer_Full | 97.538 | 100.7 | PASS |
| DC_2A_n77A-3700-39<br>80 | 30 | 5+100 | DFT-16QAM | M+H | Outer_Full | 97.337 | 100.7 | PASS |