

## **Appendix for 12A\_n30A**

Product Name: TITAN 5400

Model No: G5G-X62O

## Appendix A: Average Power Output Data for NSA

### Test Result

| Band        | SC<br>S | Bandwidth<br>h | Modulation | Channel | RB Config      | Power<br>(dBm) | Power<br>Class | Verdict |
|-------------|---------|----------------|------------|---------|----------------|----------------|----------------|---------|
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+L     | Outer_Full     | 21.50          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+L     | Inner_Full     | 22.55          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+L     | Edge_1RB_Left  | 21.61          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+L     | Edge_1RB_Right | 21.53          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+L     | Outer_Full     | 20.65          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+L     | Inner_Full     | 21.53          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+L     | Edge_1RB_Left  | 20.45          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+L     | Edge_1RB_Right | 20.61          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+M     | Outer_Full     | 21.54          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+M     | Inner_Full     | 22.55          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+M     | Edge_1RB_Left  | 21.50          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+M     | Edge_1RB_Right | 21.48          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+M     | Outer_Full     | 20.55          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+M     | Inner_Full     | 21.67          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+M     | Edge_1RB_Left  | 20.73          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+M     | Edge_1RB_Right | 20.44          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+H     | Outer_Full     | 21.58          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+H     | Inner_Full     | 22.69          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+H     | Edge_1RB_Left  | 21.47          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-QPSK   | M+H     | Edge_1RB_Right | 21.26          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+H     | Outer_Full     | 20.57          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+H     | Inner_Full     | 21.62          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+H     | Edge_1RB_Left  | 20.12          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+5            | DFT-16QAM  | M+H     | Edge_1RB_Right | 20.38          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-QPSK   | M+L     | Outer_Full     | 21.55          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-QPSK   | M+L     | Inner_Full     | 22.58          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-QPSK   | M+L     | Edge_1RB_Left  | 21.54          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-QPSK   | M+L     | Edge_1RB_Right | 21.54          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-16QAM  | M+L     | Outer_Full     | 20.65          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-16QAM  | M+L     | Inner_Full     | 21.72          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-16QAM  | M+L     | Edge_1RB_Left  | 20.81          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-16QAM  | M+L     | Edge_1RB_Right | 21.01          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-QPSK   | M+M     | Outer_Full     | 21.66          | PC3            | PASS    |
| DC_12A_n30A | 15      | 5+10           | DFT-QPSK   | M+M     | Inner_Full     | 22.59          | PC3            | PASS    |

|             |    |      |           |     |                |       |     |      |
|-------------|----|------|-----------|-----|----------------|-------|-----|------|
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK  | M+M | Edge_1RB_Left  | 21.72 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK  | M+M | Edge_1RB_Right | 21.53 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+M | Outer_Full     | 20.55 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+M | Inner_Full     | 21.73 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+M | Edge_1RB_Left  | 20.91 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+M | Edge_1RB_Right | 20.94 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK  | M+H | Outer_Full     | 21.60 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK  | M+H | Inner_Full     | 22.63 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK  | M+H | Edge_1RB_Left  | 21.81 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK  | M+H | Edge_1RB_Right | 21.73 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+H | Outer_Full     | 20.63 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+H | Inner_Full     | 21.69 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+H | Edge_1RB_Left  | 20.85 | PC3 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-16QAM | M+H | Edge_1RB_Right | 20.54 | PC3 | PASS |

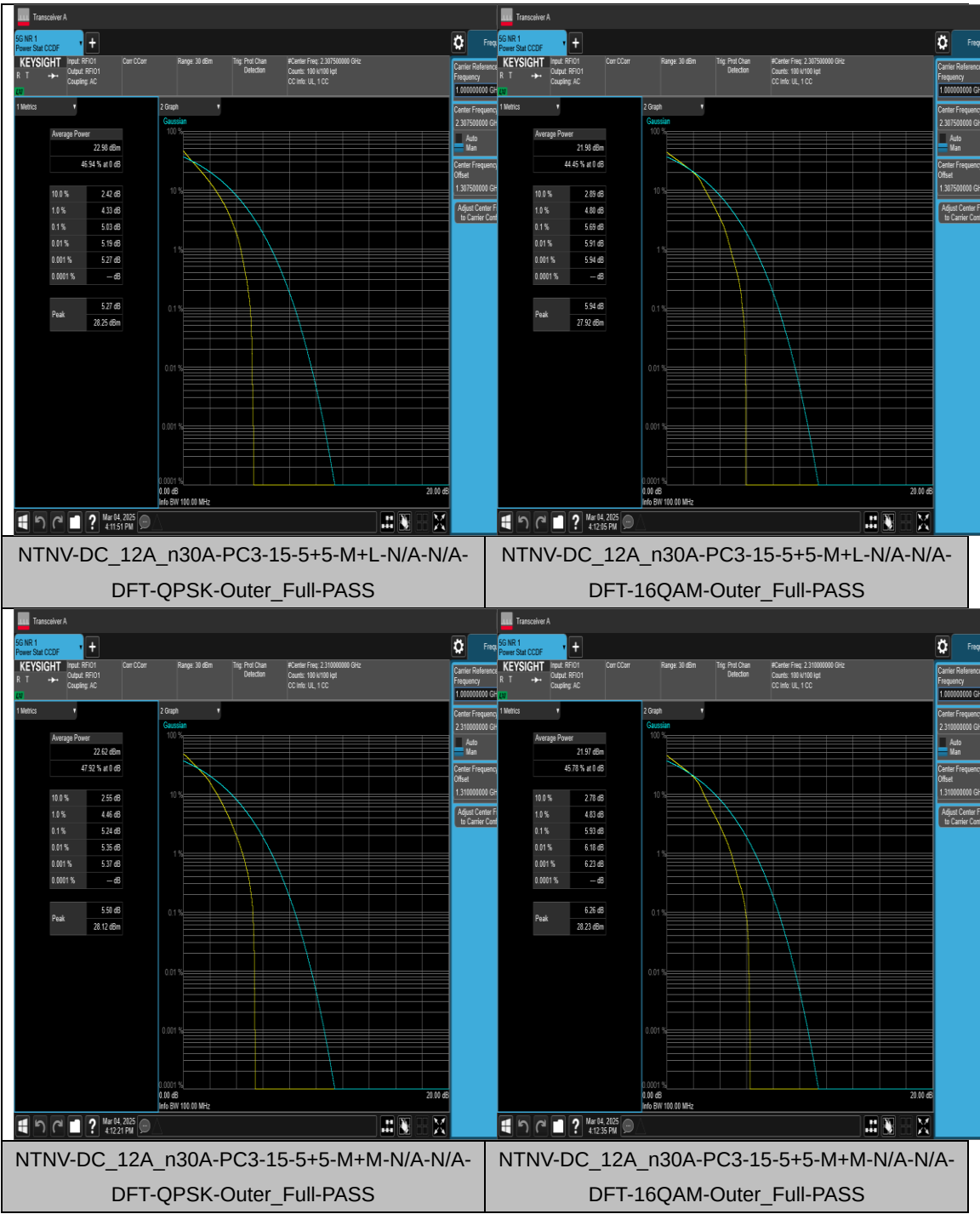
## Appendix B: Peak-to-Average Ratio for NSA

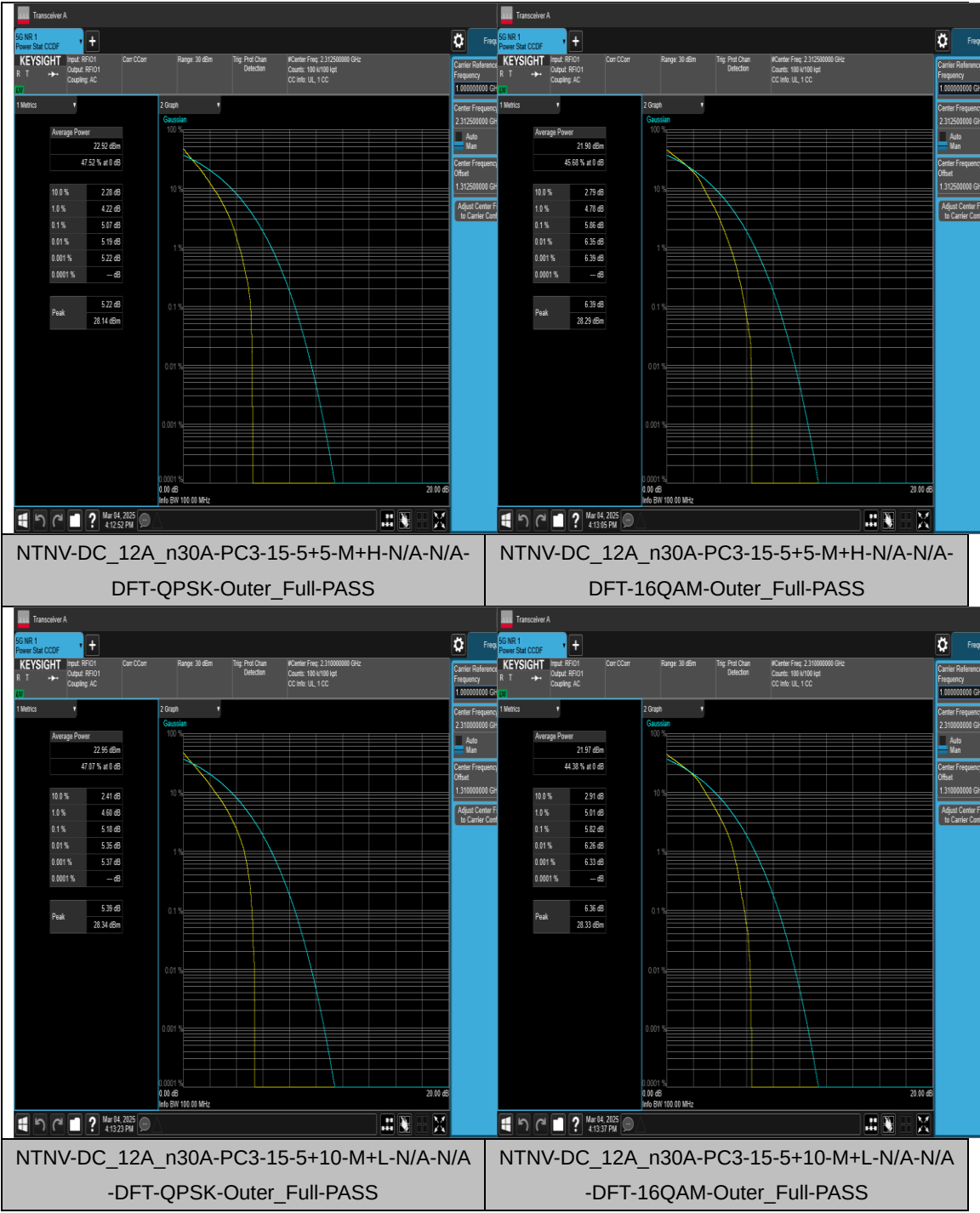
### Peak-to-Average Ratio(CCDF)

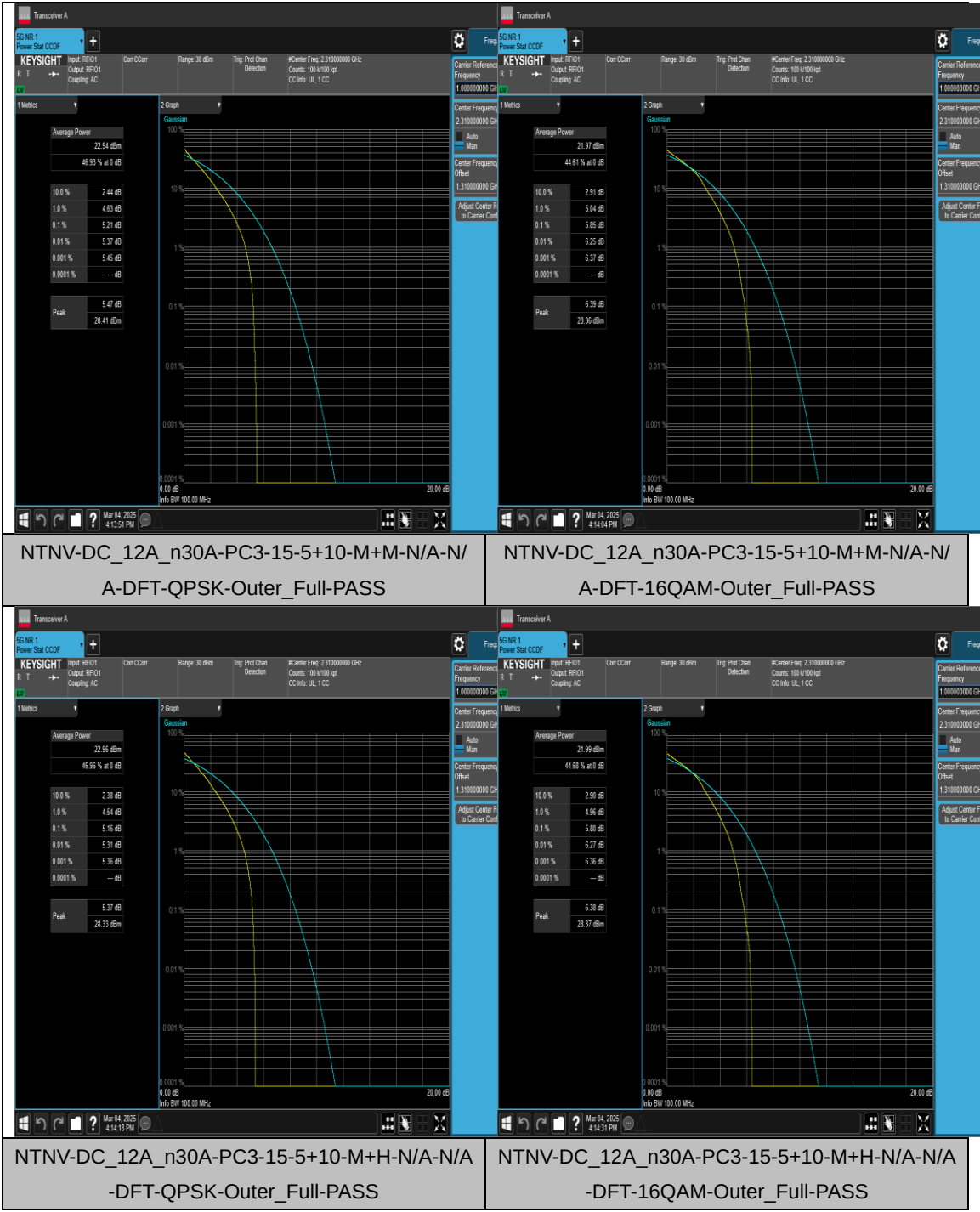
#### Test Result

| Band            | SCS | Bandwidth | Modulation | Channel | RB Config  | Result | Limit | Verdict |
|-----------------|-----|-----------|------------|---------|------------|--------|-------|---------|
| DC_12A_n<br>30A | 15  | 5+5       | DFT-QPSK   | M+L     | Outer_Full | 5.03   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+5       | DFT-16QAM  | M+L     | Outer_Full | 5.69   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+5       | DFT-QPSK   | M+M     | Outer_Full | 5.24   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+5       | DFT-16QAM  | M+M     | Outer_Full | 5.93   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+5       | DFT-QPSK   | M+H     | Outer_Full | 5.07   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+5       | DFT-16QAM  | M+H     | Outer_Full | 5.86   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | 5.18   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+10      | DFT-16QAM  | M+L     | Outer_Full | 5.82   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+10      | DFT-QPSK   | M+M     | Outer_Full | 5.21   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+10      | DFT-16QAM  | M+M     | Outer_Full | 5.85   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+10      | DFT-QPSK   | M+H     | Outer_Full | 5.16   | ≤13   | PASS    |
| DC_12A_n<br>30A | 15  | 5+10      | DFT-16QAM  | M+H     | Outer_Full | 5.80   | ≤13   | PASS    |

Test Graphs



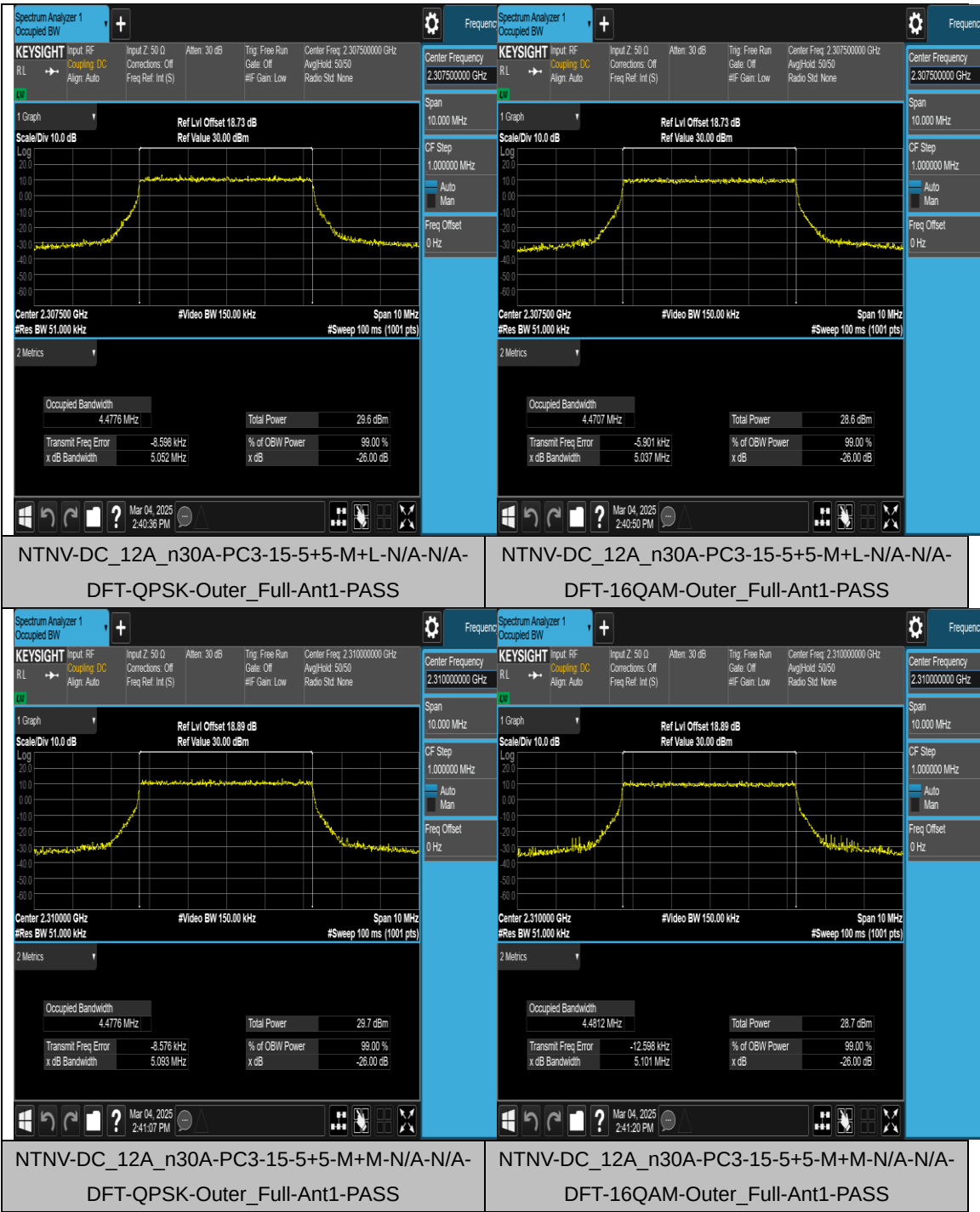


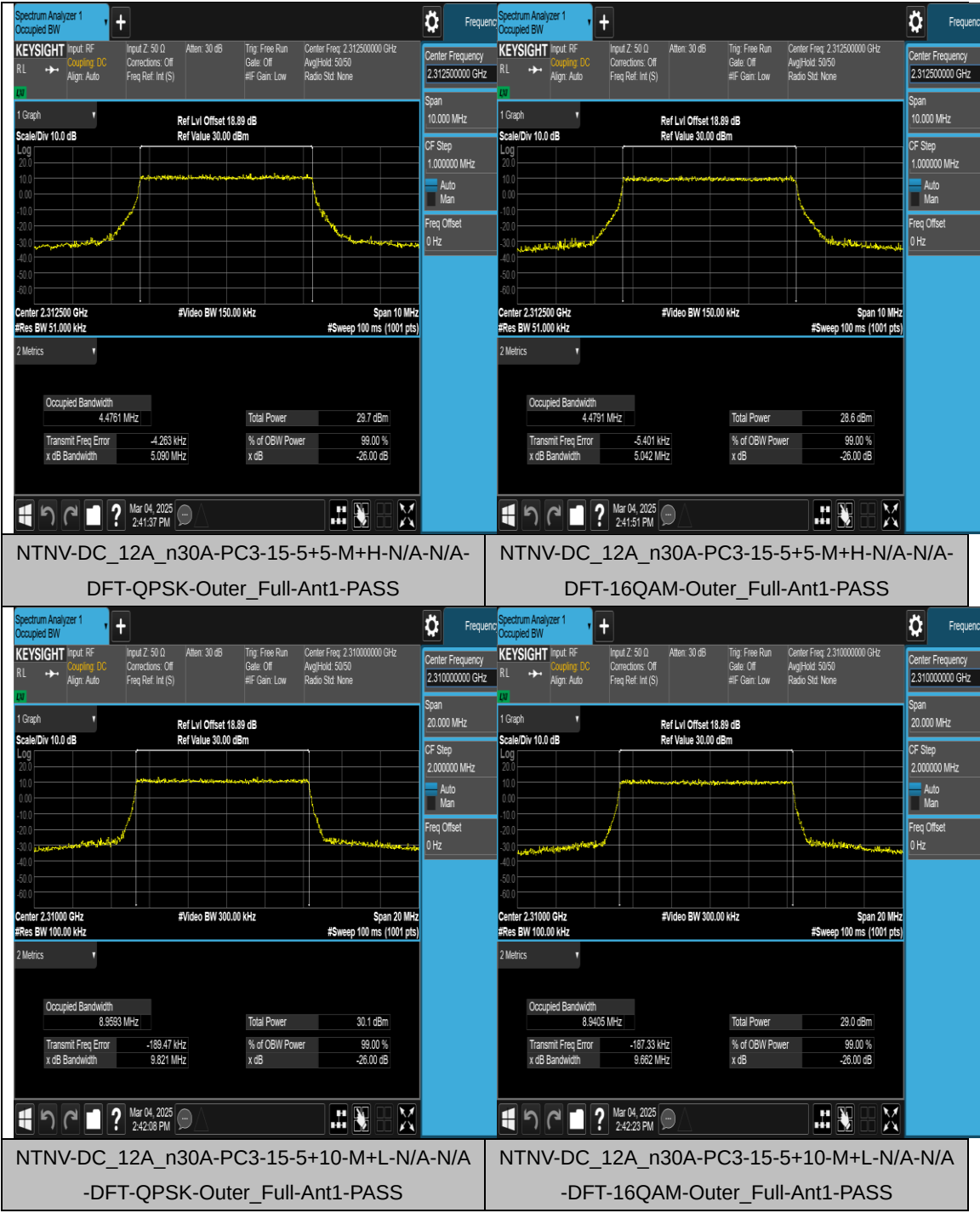


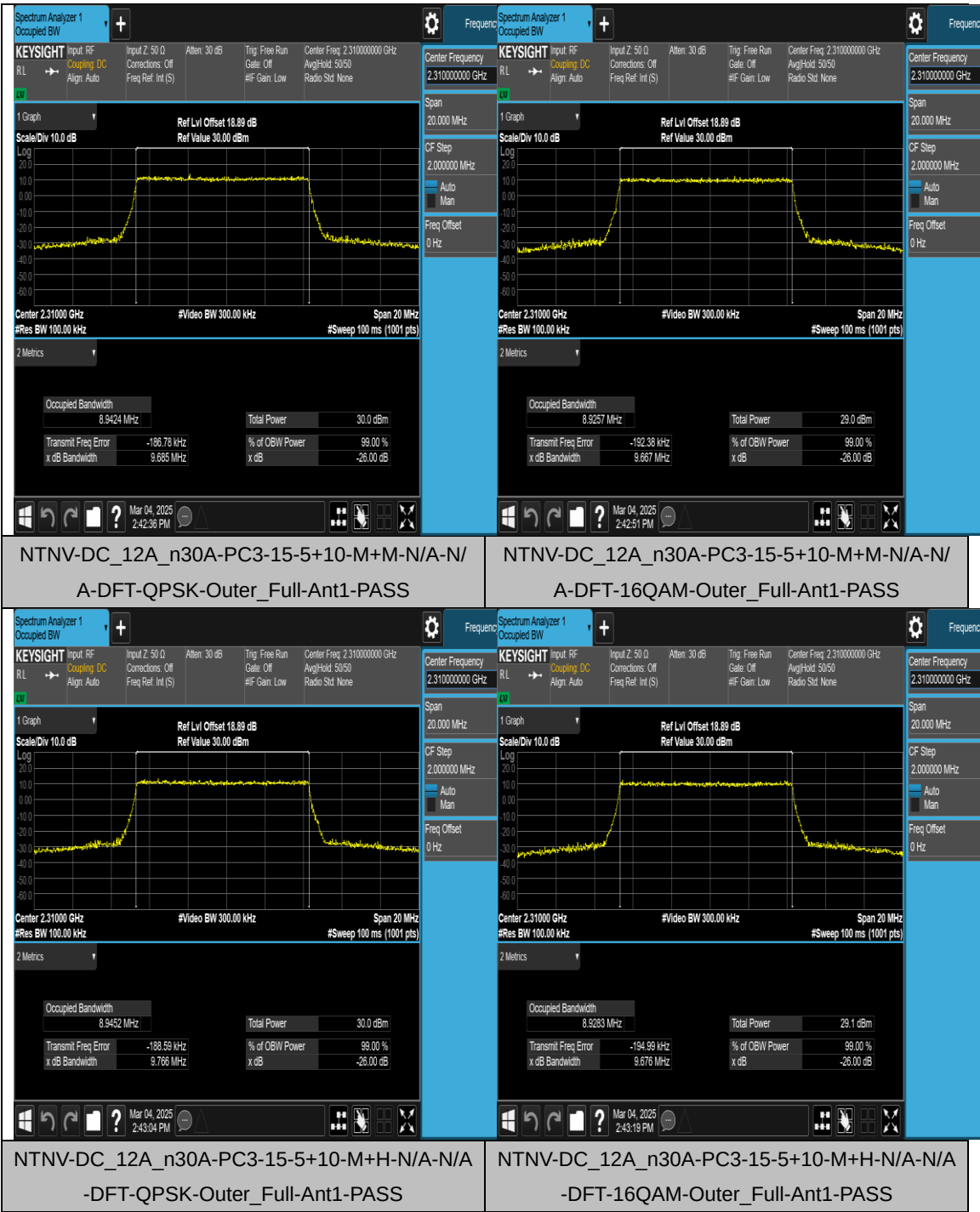
**Appendix C: 26dB Bandwidth and Occupied Bandwidth for****NSA****Test Result**

| Band        | SCS | Bandwidth | Modulation | Channel | RB Config  | Result<br>(99%) | Result<br>(26dB) | Verdict |
|-------------|-----|-----------|------------|---------|------------|-----------------|------------------|---------|
| DC_12A_n30A | 15  | 5+5       | DFT-QPSK   | M+L     | Outer_Full | 4.4776          | 5.052            | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-16QAM  | M+L     | Outer_Full | 4.4707          | 5.037            | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-QPSK   | M+M     | Outer_Full | 4.4776          | 5.093            | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-16QAM  | M+M     | Outer_Full | 4.4812          | 5.101            | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-QPSK   | M+H     | Outer_Full | 4.4761          | 5.090            | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-16QAM  | M+H     | Outer_Full | 4.4791          | 5.042            | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-QPSK   | M+L     | Outer_Full | 8.9593          | 9.821            | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-16QAM  | M+L     | Outer_Full | 8.9405          | 9.662            | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-QPSK   | M+M     | Outer_Full | 8.9424          | 9.685            | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-16QAM  | M+M     | Outer_Full | 8.9257          | 9.667            | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-QPSK   | M+H     | Outer_Full | 8.9452          | 9.766            | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-16QAM  | M+H     | Outer_Full | 8.9283          | 9.676            | PASS    |

Test Graphs





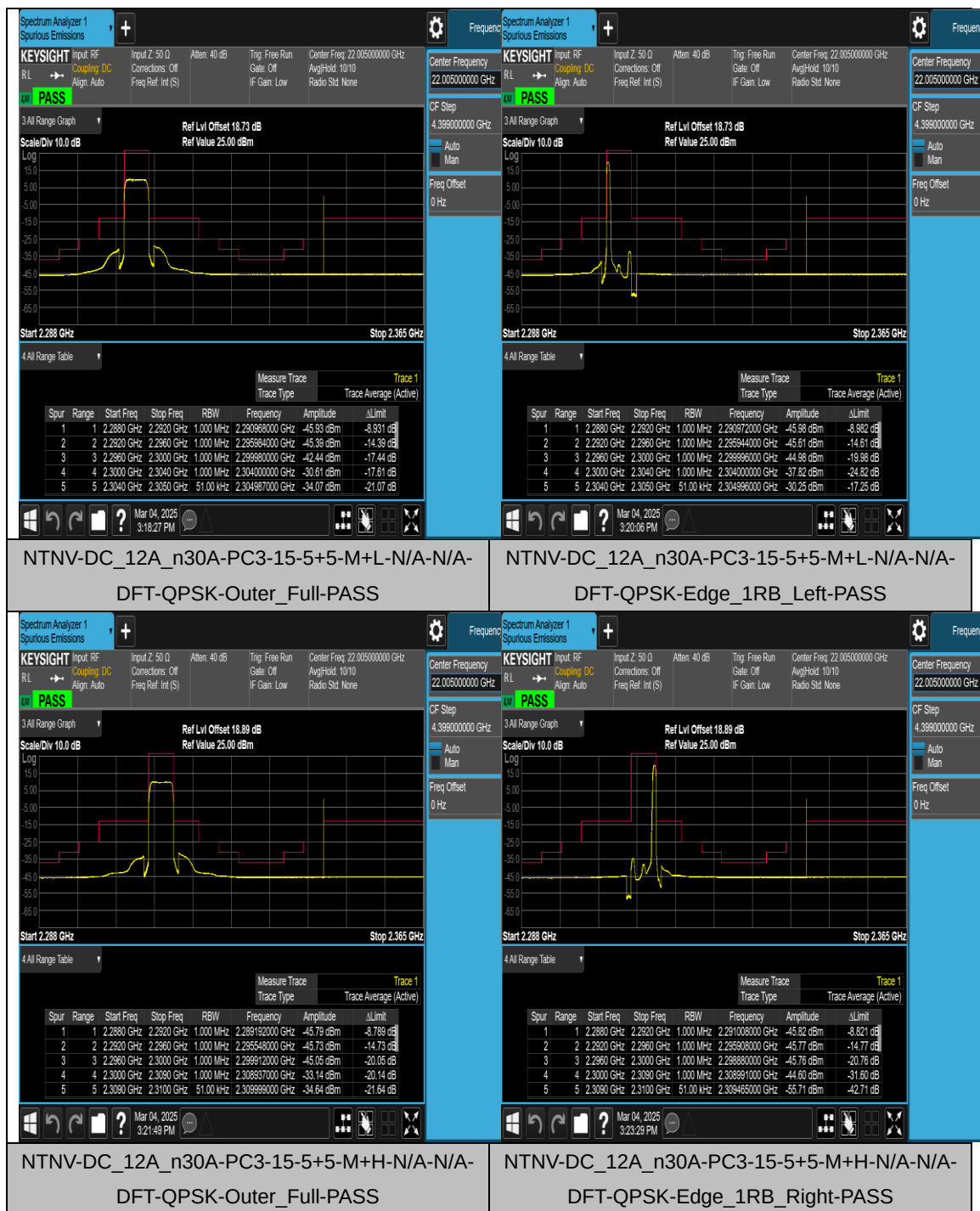


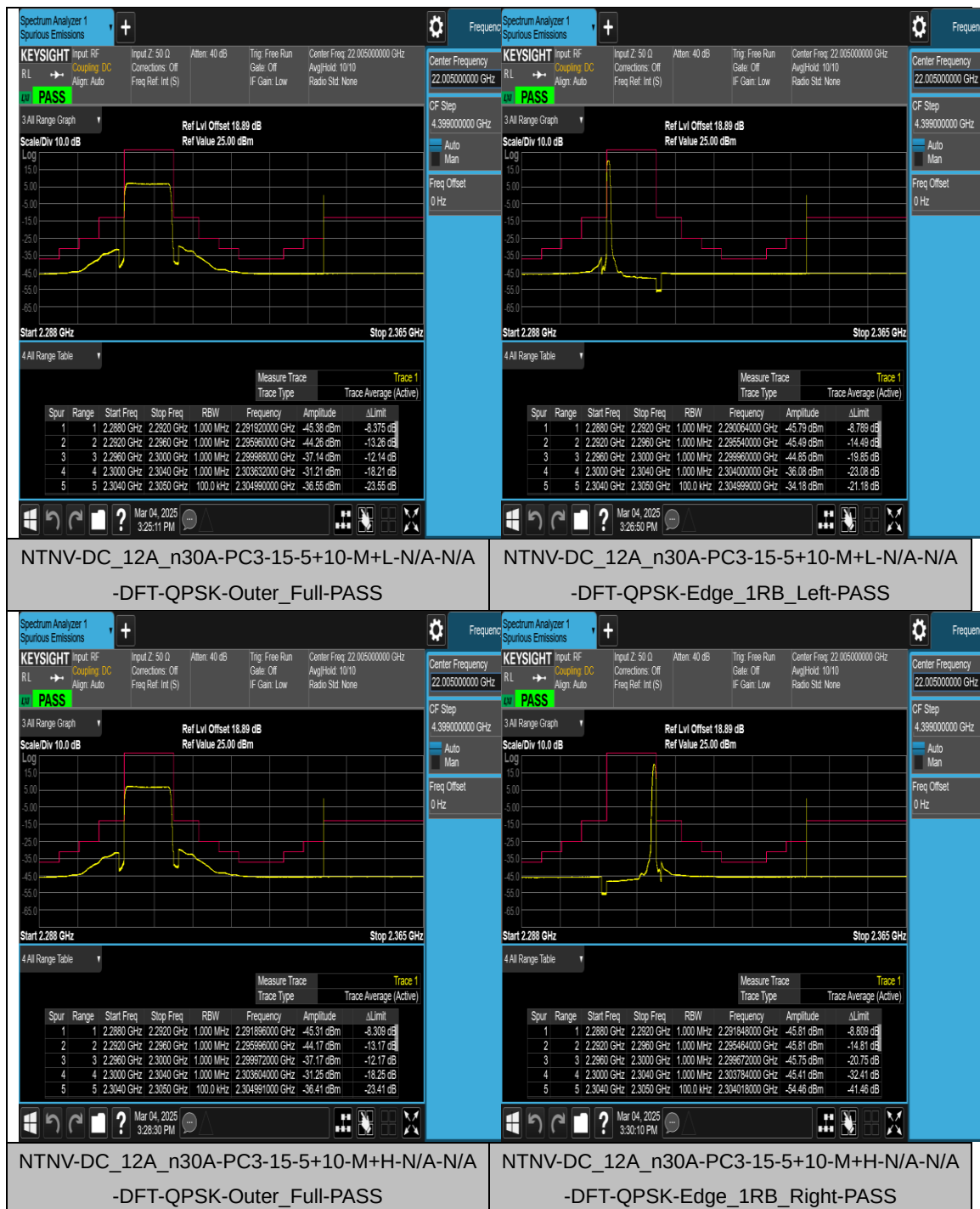
## Appendix D: Band Edge for NSA

### Test Result

| Band        | SCS | Bandwidth | Modulation | Channel | RB Config      | Result | Margin | Verdict |
|-------------|-----|-----------|------------|---------|----------------|--------|--------|---------|
| DC_12A_n30A | 15  | 5+5       | DFT-QPSK   | M+L     | Outer_Full     | -45.70 | 8.70   | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-QPSK   | M+L     | Edge_1RB_Left  | -45.60 | 8.60   | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-QPSK   | M+H     | Outer_Full     | -45.46 | 8.46   | PASS    |
| DC_12A_n30A | 15  | 5+5       | DFT-QPSK   | M+H     | Edge_1RB_Right | -45.55 | 8.55   | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-QPSK   | M+L     | Outer_Full     | -44.79 | 7.79   | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-QPSK   | M+L     | Edge_1RB_Left  | -45.54 | 8.54   | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-QPSK   | M+H     | Outer_Full     | -44.76 | 7.76   | PASS    |
| DC_12A_n30A | 15  | 5+10      | DFT-QPSK   | M+H     | Edge_1RB_Right | -45.55 | 8.55   | PASS    |

## Test Graphs





## Appendix E: Conducted Spurious Emission for NSA

### Test Result

| Band        | SC<br>S | Band<br>width | Modulation | Chan<br>nel | RB Config      | StartFreq | StopFreq | Result | Limit | Verdict |
|-------------|---------|---------------|------------|-------------|----------------|-----------|----------|--------|-------|---------|
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Outer_Full     | 0.009     | 0.15     | -76.28 | -70   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Outer_Full     | 0.15      | 30       | -66.43 | -60   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Outer_Full     | 30        | 1000     | -54.84 | -50   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Outer_Full     | 1000      | 3000     | -49.93 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Outer_Full     | 3000      | 12000    | -45.41 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Outer_Full     | 12000     | 20000    | -47.50 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Left  | 0.009     | 0.15     | -74.55 | -70   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Left  | 0.15      | 30       | -65.13 | -60   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Left  | 30        | 1000     | -54.43 | -50   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Left  | 1000      | 3000     | -49.97 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Left  | 3000      | 12000    | -45.61 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Left  | 12000     | 20000    | -47.40 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Right | 0.009     | 0.15     | -74.83 | -70   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Right | 0.15      | 30       | -66.39 | -60   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Right | 30        | 1000     | -54.44 | -50   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Right | 1000      | 3000     | -50.00 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Right | 3000      | 12000    | -45.62 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+L         | Edge_1RB_Right | 12000     | 20000    | -47.30 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Outer_Full     | 0.009     | 0.15     | -76.06 | -70   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Outer_Full     | 0.15      | 30       | -67.92 | -60   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Outer_Full     | 30        | 1000     | -55.24 | -50   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Outer_Full     | 1000      | 3000     | -49.88 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Outer_Full     | 3000      | 12000    | -45.59 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Outer_Full     | 12000     | 20000    | -47.34 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Left  | 0.009     | 0.15     | -75.02 | -70   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Left  | 0.15      | 30       | -66.54 | -60   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Left  | 30        | 1000     | -55.16 | -50   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Left  | 1000      | 3000     | -49.82 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Left  | 3000      | 12000    | -45.52 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Left  | 12000     | 20000    | -47.37 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Right | 0.009     | 0.15     | -73.04 | -70   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Right | 0.15      | 30       | -67.84 | -60   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Right | 30        | 1000     | -54.94 | -50   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Right | 1000      | 3000     | -50.00 | -40   | PASS    |
| DC_12A_n30A | 15      | 5+5           | DFT-QPSK   | M+M         | Edge_1RB_Right | 3000      | 12000    | -45.43 | -40   | PASS    |

|             |    |      |          |     |                |       |       |        |     |      |
|-------------|----|------|----------|-----|----------------|-------|-------|--------|-----|------|
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+M | Edge_1RB_Right | 12000 | 20000 | -47.34 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Outer_Full     | 0.009 | 0.15  | -76.32 | -70 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Outer_Full     | 0.15  | 30    | -63.57 | -60 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Outer_Full     | 30    | 1000  | -55.30 | -50 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Outer_Full     | 1000  | 3000  | -50.03 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Outer_Full     | 3000  | 12000 | -45.35 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Outer_Full     | 12000 | 20000 | -47.42 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Left  | 0.009 | 0.15  | -73.02 | -70 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Left  | 0.15  | 30    | -67.43 | -60 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Left  | 30    | 1000  | -55.18 | -50 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Left  | 1000  | 3000  | -49.89 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Left  | 3000  | 12000 | -45.41 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Left  | 12000 | 20000 | -47.32 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Right | 0.009 | 0.15  | -74.69 | -70 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Right | 0.15  | 30    | -66.98 | -60 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Right | 30    | 1000  | -50.79 | -50 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Right | 1000  | 3000  | -50.03 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Right | 3000  | 12000 | -45.42 | -40 | PASS |
| DC_12A_n30A | 15 | 5+5  | DFT-QPSK | M+H | Edge_1RB_Right | 12000 | 20000 | -47.34 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Outer_Full     | 0.009 | 0.15  | -77.23 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Outer_Full     | 0.15  | 30    | -66.40 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Outer_Full     | 30    | 1000  | -54.77 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Outer_Full     | 1000  | 3000  | -49.93 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Outer_Full     | 3000  | 12000 | -45.39 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Outer_Full     | 12000 | 20000 | -47.46 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Left  | 0.009 | 0.15  | -76.37 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Left  | 0.15  | 30    | -68.64 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Left  | 30    | 1000  | -55.22 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Left  | 1000  | 3000  | -50.00 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Left  | 3000  | 12000 | -45.42 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Left  | 12000 | 20000 | -47.41 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Right | 0.009 | 0.15  | -74.95 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Right | 0.15  | 30    | -66.54 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Right | 30    | 1000  | -55.21 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Right | 1000  | 3000  | -49.98 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Right | 3000  | 12000 | -45.50 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+L | Edge_1RB_Right | 12000 | 20000 | -47.36 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Outer_Full     | 0.009 | 0.15  | -76.26 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Outer_Full     | 0.15  | 30    | -68.15 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Outer_Full     | 30    | 1000  | -55.04 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Outer_Full     | 1000  | 3000  | -49.95 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Outer_Full     | 3000  | 12000 | -45.42 | -40 | PASS |

|             |    |      |          |     |                |       |       |        |     |      |
|-------------|----|------|----------|-----|----------------|-------|-------|--------|-----|------|
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Outer_Full     | 12000 | 20000 | -47.29 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Left  | 0.009 | 0.15  | -73.81 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Left  | 0.15  | 30    | -66.30 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Left  | 30    | 1000  | -55.20 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Left  | 1000  | 3000  | -50.04 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Left  | 3000  | 12000 | -45.42 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Left  | 12000 | 20000 | -47.38 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Right | 0.009 | 0.15  | -74.94 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Right | 0.15  | 30    | -66.01 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Right | 30    | 1000  | -55.07 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Right | 1000  | 3000  | -49.94 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Right | 3000  | 12000 | -45.46 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+M | Edge_1RB_Right | 12000 | 40000 | -40.90 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Outer_Full     | 0.009 | 0.15  | -76.01 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Outer_Full     | 0.15  | 30    | -65.51 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Outer_Full     | 30    | 1000  | -54.61 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Outer_Full     | 1000  | 3000  | -50.00 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Outer_Full     | 3000  | 12000 | -45.59 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Outer_Full     | 12000 | 40000 | -40.65 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Left  | 0.009 | 0.15  | -73.31 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Left  | 0.15  | 30    | -65.16 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Left  | 30    | 1000  | -54.91 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Left  | 1000  | 3000  | -49.98 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Left  | 3000  | 12000 | -45.48 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Left  | 12000 | 40000 | -40.54 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Right | 0.009 | 0.15  | -74.40 | -70 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Right | 0.15  | 30    | -66.06 | -60 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Right | 30    | 1000  | -54.97 | -50 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Right | 1000  | 3000  | -49.93 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Right | 3000  | 12000 | -45.57 | -40 | PASS |
| DC_12A_n30A | 15 | 5+10 | DFT-QPSK | M+H | Edge_1RB_Right | 12000 | 40000 | -40.74 | -40 | PASS |

## Test Graphs













