

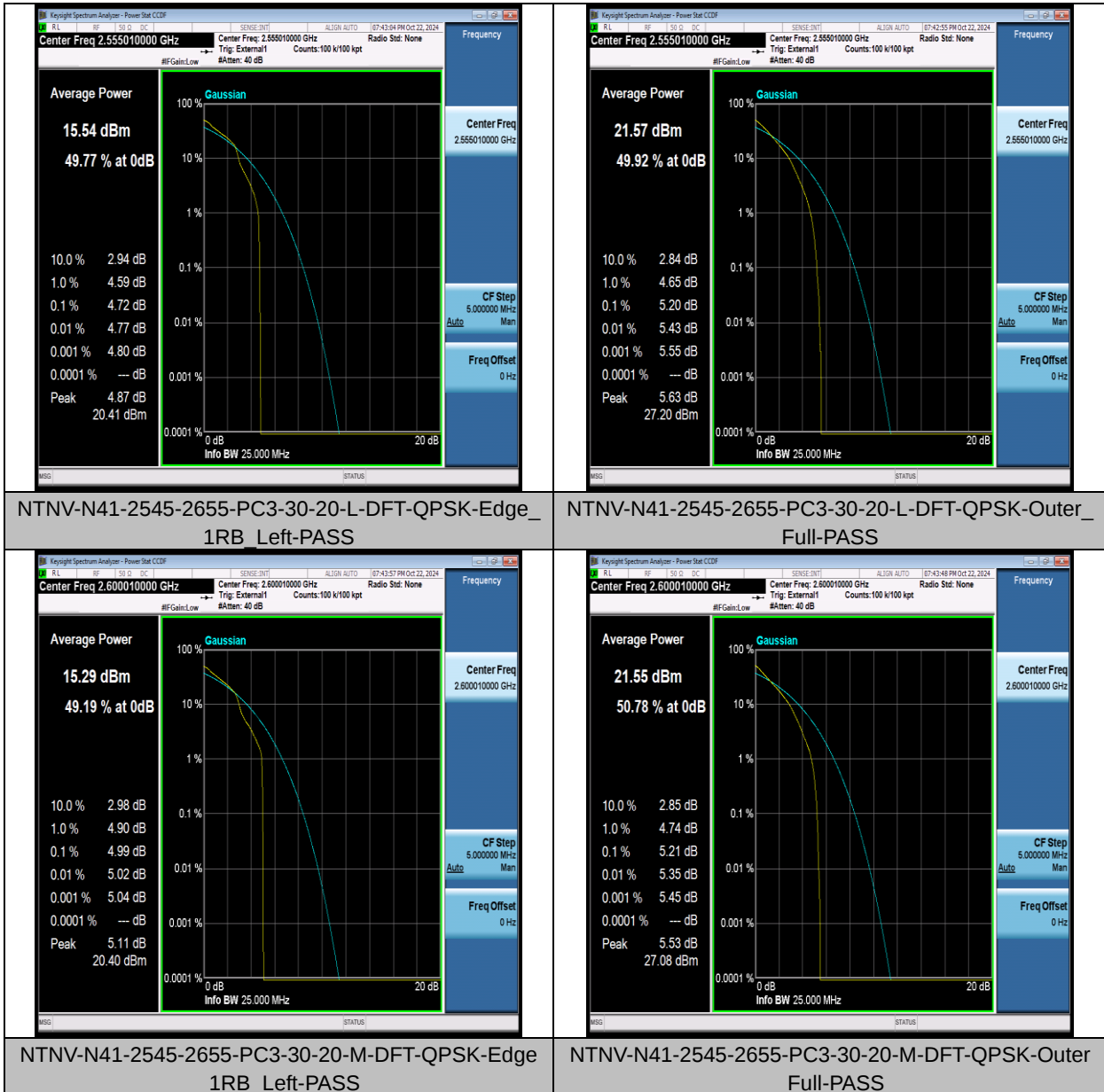
## APPENDIX A

### PEAK-TO-AVERAGE RATIO FOR SA PEAK-TO-AVERAGE RATIO(CCDF)

#### TEST RESULT

| Band          | SCS | Bandwidth | Modulation | Channel | RB Config     | Result | Limit | Verdict |
|---------------|-----|-----------|------------|---------|---------------|--------|-------|---------|
| N41-2545-2655 | 30  | 20        | DFT-QPSK   | L       | Edge_1RB_Left | 4.72   | ≤13   | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-QPSK   | L       | Outer_Full    | 5.20   | ≤13   | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-QPSK   | M       | Edge_1RB_Left | 4.99   | ≤13   | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-QPSK   | M       | Outer_Full    | 5.21   | ≤13   | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-QPSK   | H       | Edge_1RB_Left | 4.72   | ≤13   | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-QPSK   | H       | Outer_Full    | 5.28   | ≤13   | PASS    |

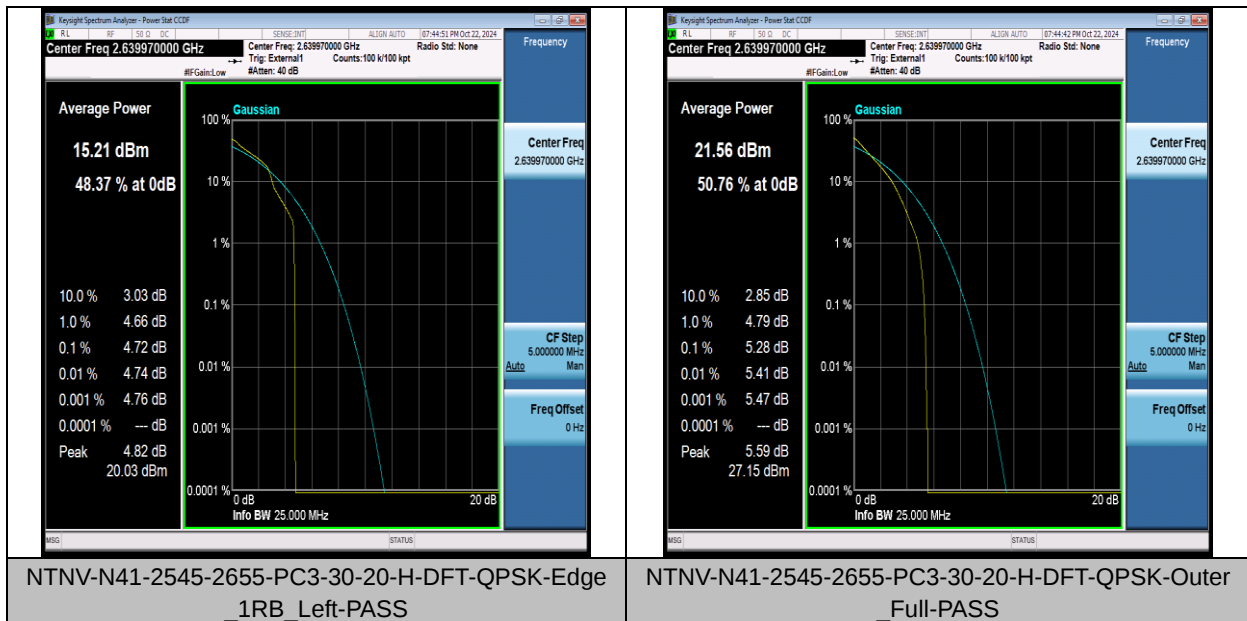
## TEST GRAPHS





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Reference No.: W7L-P24090006RF01





Reference No.: W7L-P24090006RF01

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH FOR SA TEST RESULT

| Band          | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|---------------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N41-2545-2655 | 30  | 10        | DFT-PI2BPSK | M       | Outer_Full | 8.5795       | 9.586         | PASS    |
| N41-2545-2655 | 30  | 10        | DFT-QPSK    | M       | Outer_Full | 8.5975       | 9.693         | PASS    |
| N41-2545-2655 | 30  | 10        | DFT-16QAM   | M       | Outer_Full | 8.5892       | 9.664         | PASS    |
| N41-2545-2655 | 30  | 10        | DFT-64QAM   | M       | Outer_Full | 8.5700       | 9.606         | PASS    |
| N41-2545-2655 | 30  | 10        | DFT-256QAM  | M       | Outer_Full | 8.5588       | 9.709         | PASS    |
| N41-2545-2655 | 30  | 15        | DFT-PI2BPSK | M       | Outer_Full | 12.843       | 14.10         | PASS    |
| N41-2545-2655 | 30  | 15        | DFT-QPSK    | M       | Outer_Full | 12.812       | 13.86         | PASS    |
| N41-2545-2655 | 30  | 15        | DFT-16QAM   | M       | Outer_Full | 12.834       | 14.17         | PASS    |
| N41-2545-2655 | 30  | 15        | DFT-64QAM   | M       | Outer_Full | 12.853       | 14.18         | PASS    |
| N41-2545-2655 | 30  | 15        | DFT-256QAM  | M       | Outer_Full | 12.849       | 14.10         | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-PI2BPSK | M       | Outer_Full | 17.797       | 19.13         | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-QPSK    | M       | Outer_Full | 17.799       | 19.25         | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-16QAM   | M       | Outer_Full | 17.863       | 18.93         | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-64QAM   | M       | Outer_Full | 17.820       | 19.48         | PASS    |
| N41-2545-2655 | 30  | 20        | DFT-256QAM  | M       | Outer_Full | 17.827       | 19.25         | PASS    |
| N41-2545-2655 | 30  | 30        | DFT-PI2BPSK | M       | Outer_Full | 26.763       | 28.52         | PASS    |
| N41-2545-2655 | 30  | 30        | DFT-QPSK    | M       | Outer_Full | 26.774       | 28.60         | PASS    |
| N41-2545-2655 | 30  | 30        | DFT-16QAM   | M       | Outer_Full | 26.760       | 28.59         | PASS    |
| N41-2545-2655 | 30  | 30        | DFT-64QAM   | M       | Outer_Full | 26.755       | 28.39         | PASS    |
| N41-2545-2655 | 30  | 30        | DFT-256QAM  | M       | Outer_Full | 26.774       | 28.43         | PASS    |
| N41-2545-2655 | 30  | 40        | DFT-PI2BPSK | M       | Outer_Full | 35.679       | 37.59         | PASS    |
| N41-2545-2655 | 30  | 40        | DFT-QPSK    | M       | Outer_Full | 35.719       | 37.43         | PASS    |



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|               |    |    |             |   |            |        |       |      |
|---------------|----|----|-------------|---|------------|--------|-------|------|
| N41-2545-2655 | 30 | 40 | DFT-16QAM   | M | Outer_Full | 35.782 | 37.66 | PASS |
| N41-2545-2655 | 30 | 40 | DFT-64QAM   | M | Outer_Full | 35.757 | 37.66 | PASS |
| N41-2545-2655 | 30 | 40 | DFT-256QAM  | M | Outer_Full | 35.738 | 37.49 | PASS |
| N41-2545-2655 | 30 | 50 | DFT-PI2BPSK | M | Outer_Full | 45.731 | 47.79 | PASS |
| N41-2545-2655 | 30 | 50 | DFT-QPSK    | M | Outer_Full | 45.702 | 47.62 | PASS |
| N41-2545-2655 | 30 | 50 | DFT-16QAM   | M | Outer_Full | 45.724 | 47.67 | PASS |
| N41-2545-2655 | 30 | 50 | DFT-64QAM   | M | Outer_Full | 45.684 | 47.76 | PASS |
| N41-2545-2655 | 30 | 50 | DFT-256QAM  | M | Outer_Full | 45.689 | 47.87 | PASS |
| N41-2545-2655 | 30 | 60 | DFT-PI2BPSK | M | Outer_Full | 57.759 | 60.07 | PASS |
| N41-2545-2655 | 30 | 60 | DFT-QPSK    | M | Outer_Full | 57.857 | 60.06 | PASS |
| N41-2545-2655 | 30 | 60 | DFT-16QAM   | M | Outer_Full | 57.727 | 60.14 | PASS |
| N41-2545-2655 | 30 | 60 | DFT-64QAM   | M | Outer_Full | 57.768 | 60.23 | PASS |
| N41-2545-2655 | 30 | 60 | DFT-256QAM  | M | Outer_Full | 57.772 | 60.05 | PASS |
| N41-2545-2655 | 30 | 70 | DFT-PI2BPSK | M | Outer_Full | 64.136 | 66.79 | PASS |
| N41-2545-2655 | 30 | 70 | DFT-QPSK    | M | Outer_Full | 64.203 | 66.83 | PASS |
| N41-2545-2655 | 30 | 70 | DFT-16QAM   | M | Outer_Full | 64.153 | 66.75 | PASS |
| N41-2545-2655 | 30 | 70 | DFT-64QAM   | M | Outer_Full | 64.113 | 66.58 | PASS |
| N41-2545-2655 | 30 | 70 | DFT-256QAM  | M | Outer_Full | 64.097 | 66.65 | PASS |
| N41-2545-2655 | 30 | 80 | DFT-PI2BPSK | M | Outer_Full | 76.999 | 79.87 | PASS |
| N41-2545-2655 | 30 | 80 | DFT-QPSK    | M | Outer_Full | 77.002 | 79.81 | PASS |
| N41-2545-2655 | 30 | 80 | DFT-16QAM   | M | Outer_Full | 76.772 | 79.72 | PASS |
| N41-2545-2655 | 30 | 80 | DFT-64QAM   | M | Outer_Full | 77.073 | 79.73 | PASS |
| N41-2545-2655 | 30 | 80 | DFT-256QAM  | M | Outer_Full | 76.954 | 79.66 | PASS |
| N41-2545-2655 | 30 | 90 | DFT-PI2BPSK | M | Outer_Full | 86.534 | 89.57 | PASS |
| N41-2545-2655 | 30 | 90 | DFT-QPSK    | M | Outer_Full | 86.421 | 89.55 | PASS |
| N41-2545-2655 | 30 | 90 | DFT-16QAM   | M | Outer_Full | 86.664 | 89.60 | PASS |
| N41-2545-2655 | 30 | 90 | DFT-64QAM   | M | Outer_Full | 86.271 | 89.55 | PASS |

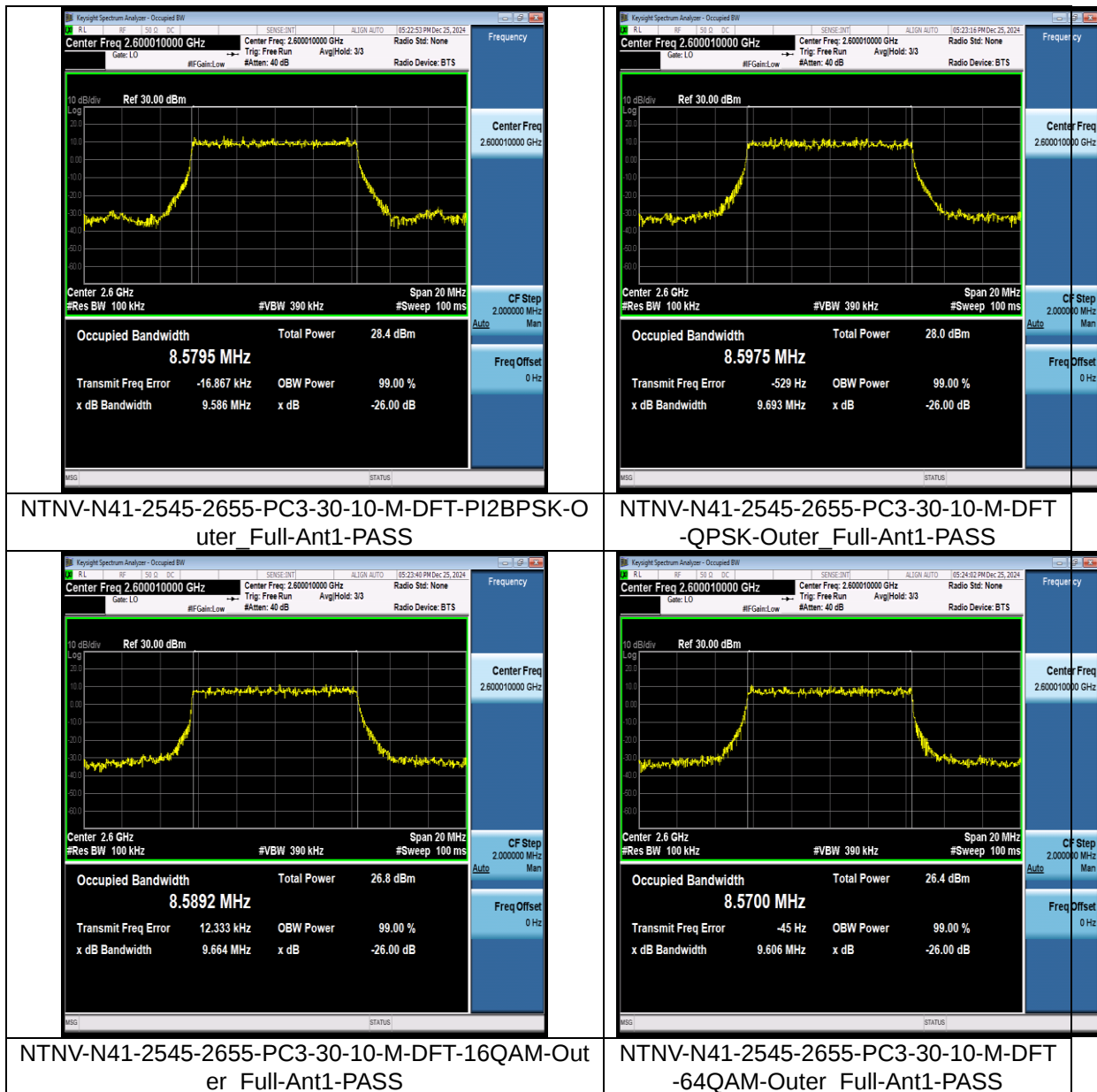


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|                   |    |     |             |   |            |        |       |      |
|-------------------|----|-----|-------------|---|------------|--------|-------|------|
| N41-2545<br>-2655 | 30 | 90  | DFT-256QAM  | M | Outer_Full | 86.337 | 89.54 | PASS |
| N41-2545<br>-2655 | 30 | 100 | DFT-PI2BPSK | M | Outer_Full | 96.006 | 99.47 | PASS |
| N41-2545<br>-2655 | 30 | 100 | DFT-QPSK    | M | Outer_Full | 96.100 | 99.49 | PASS |
| N41-2545<br>-2655 | 30 | 100 | DFT-16QAM   | M | Outer_Full | 96.131 | 99.83 | PASS |
| N41-2545<br>-2655 | 30 | 100 | DFT-64QAM   | M | Outer_Full | 96.029 | 99.38 | PASS |
| N41-2545<br>-2655 | 30 | 100 | DFT-256QAM  | M | Outer_Full | 96.005 | 99.62 | PASS |

## TEST GRAPHS



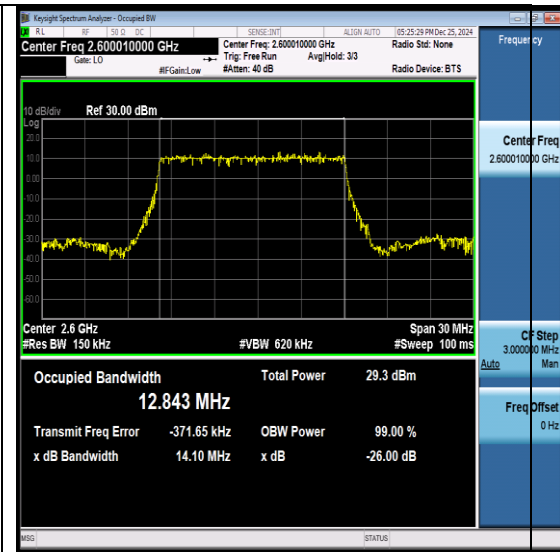


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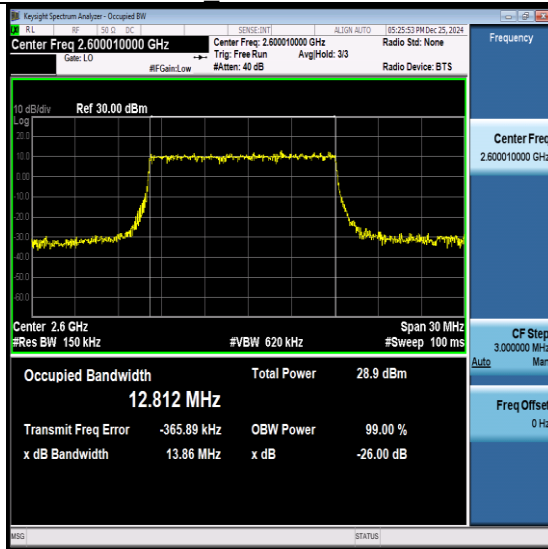
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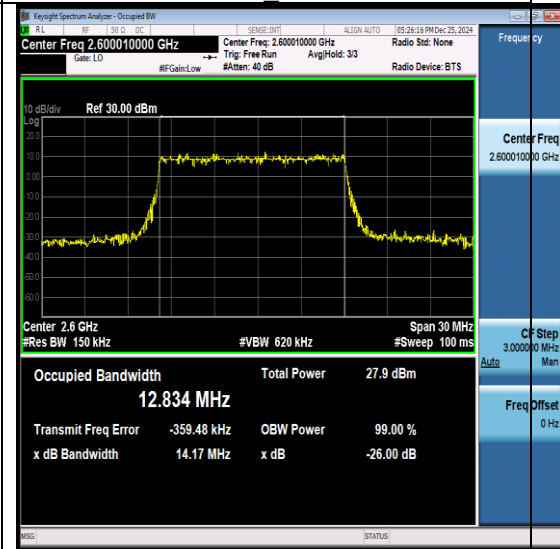
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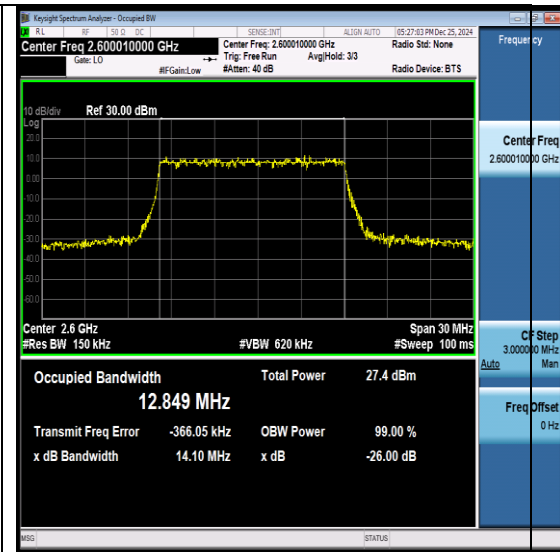


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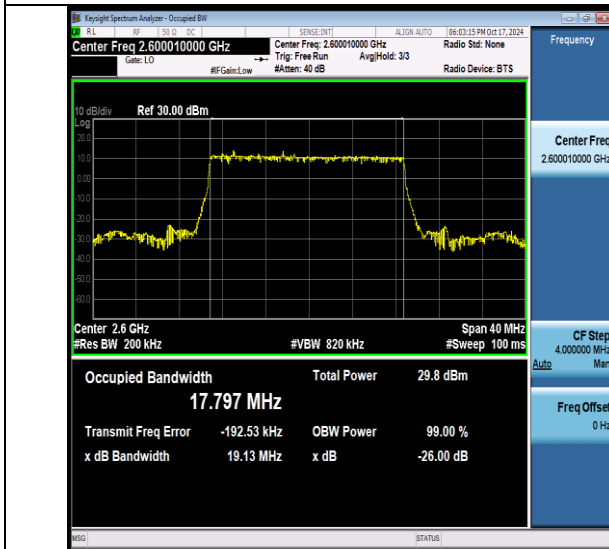
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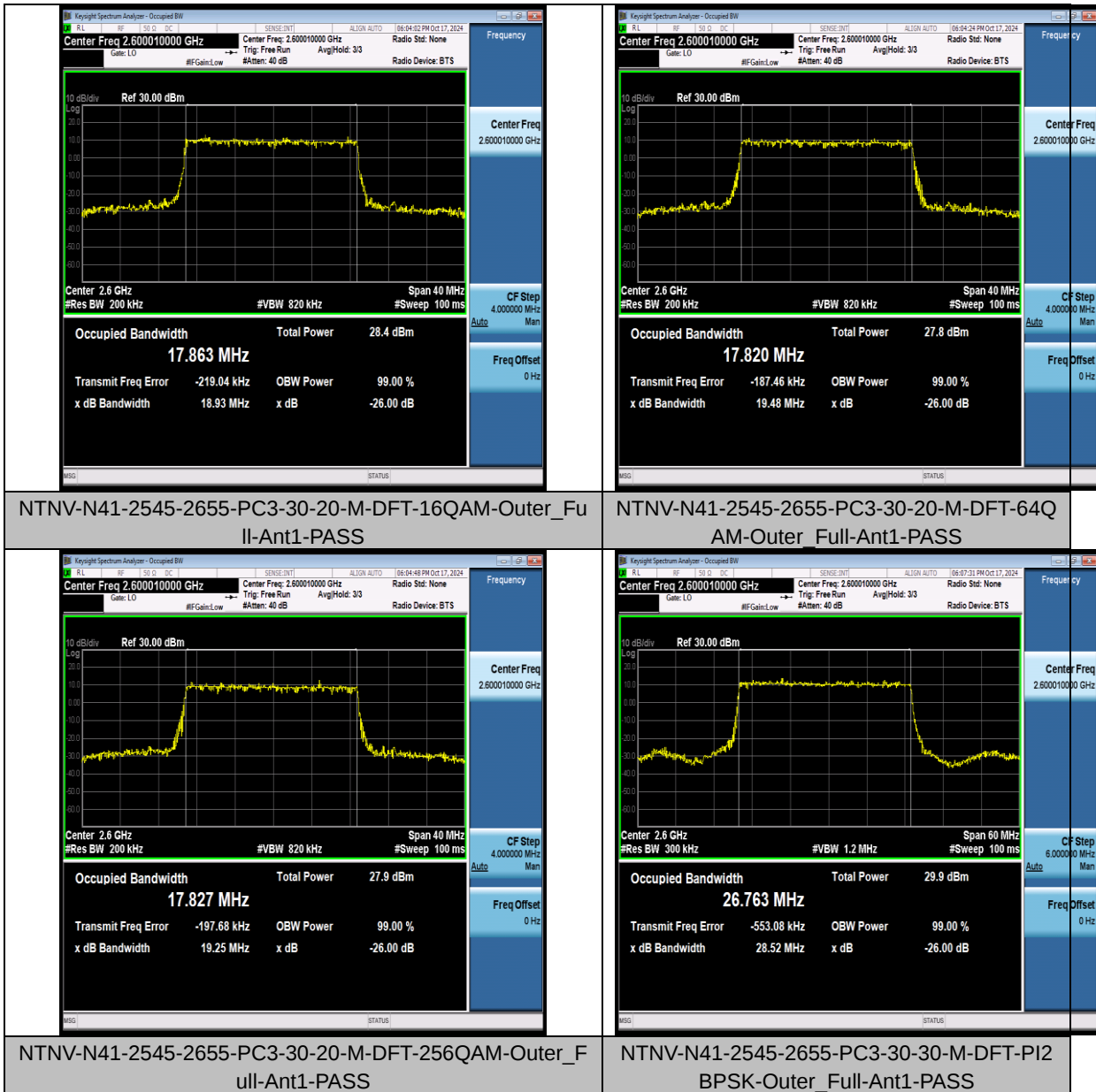


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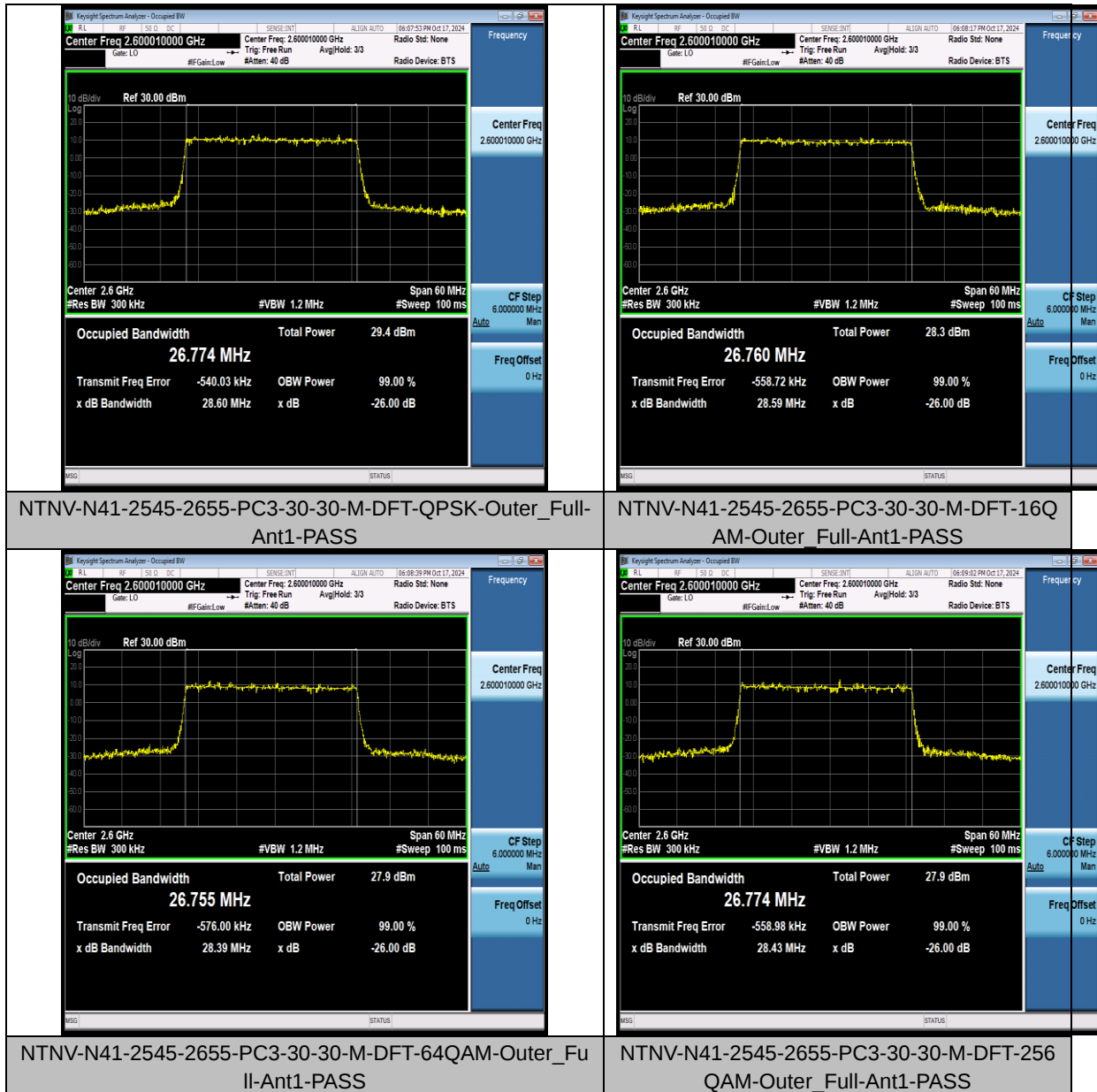
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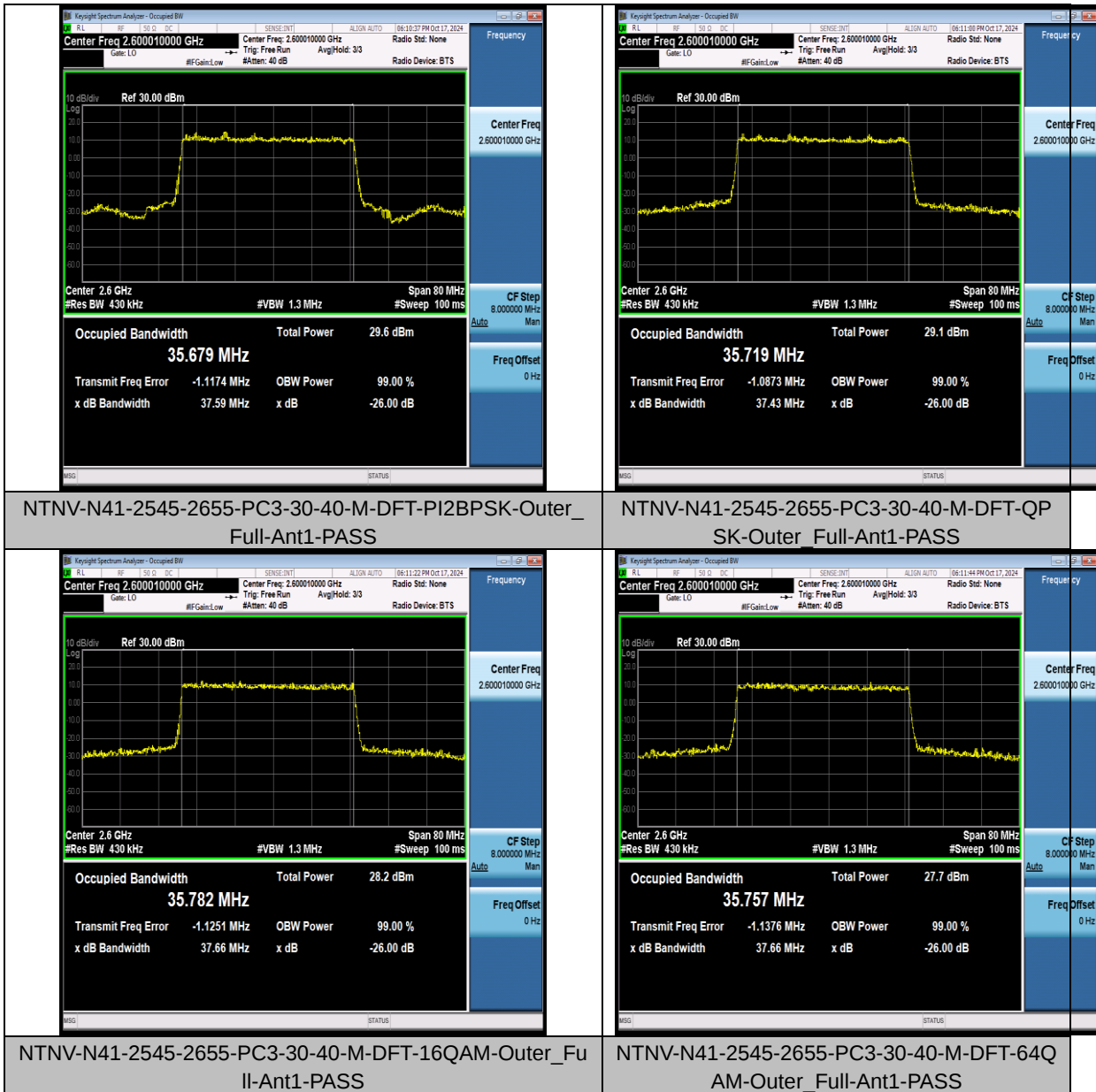
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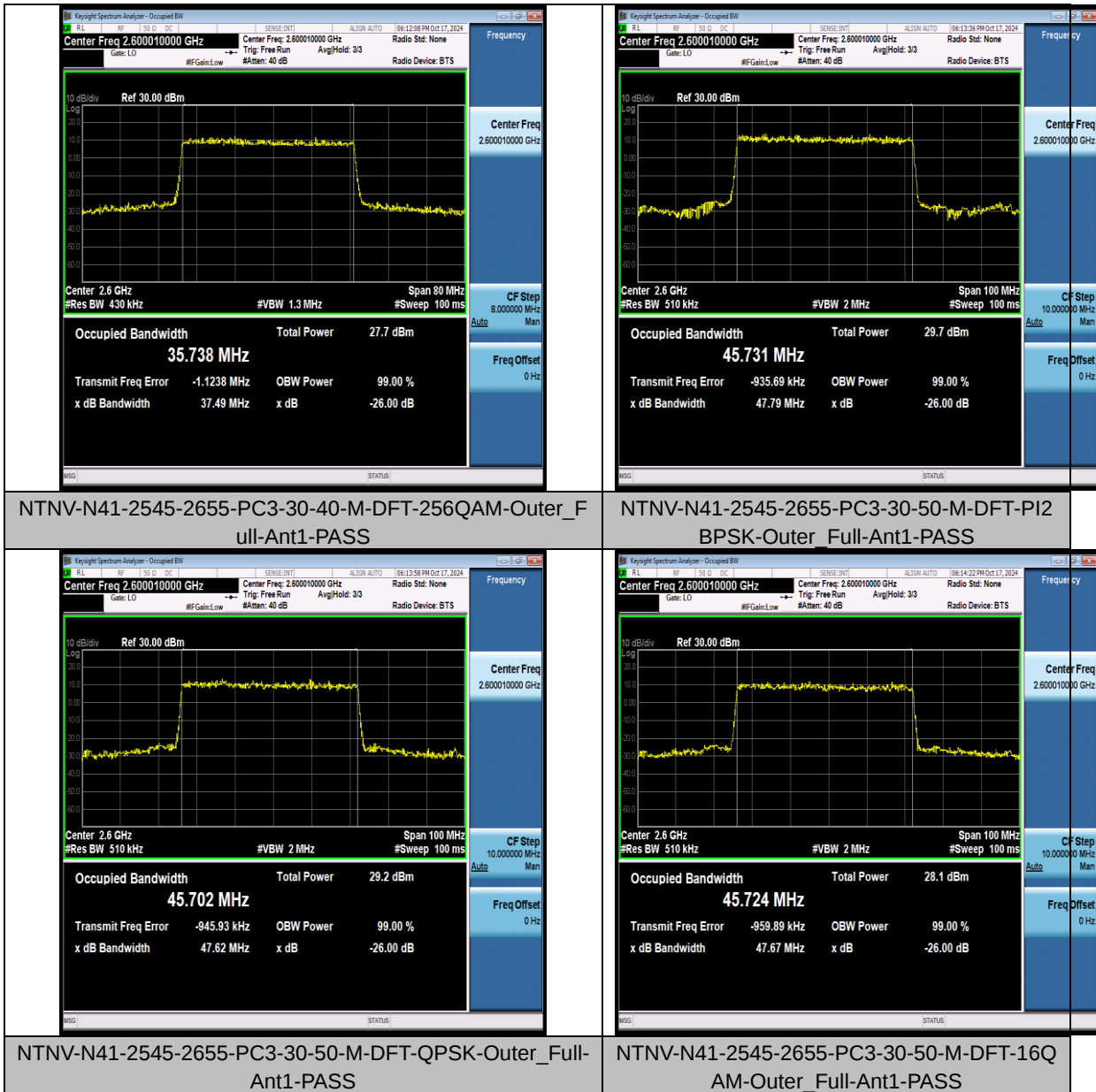
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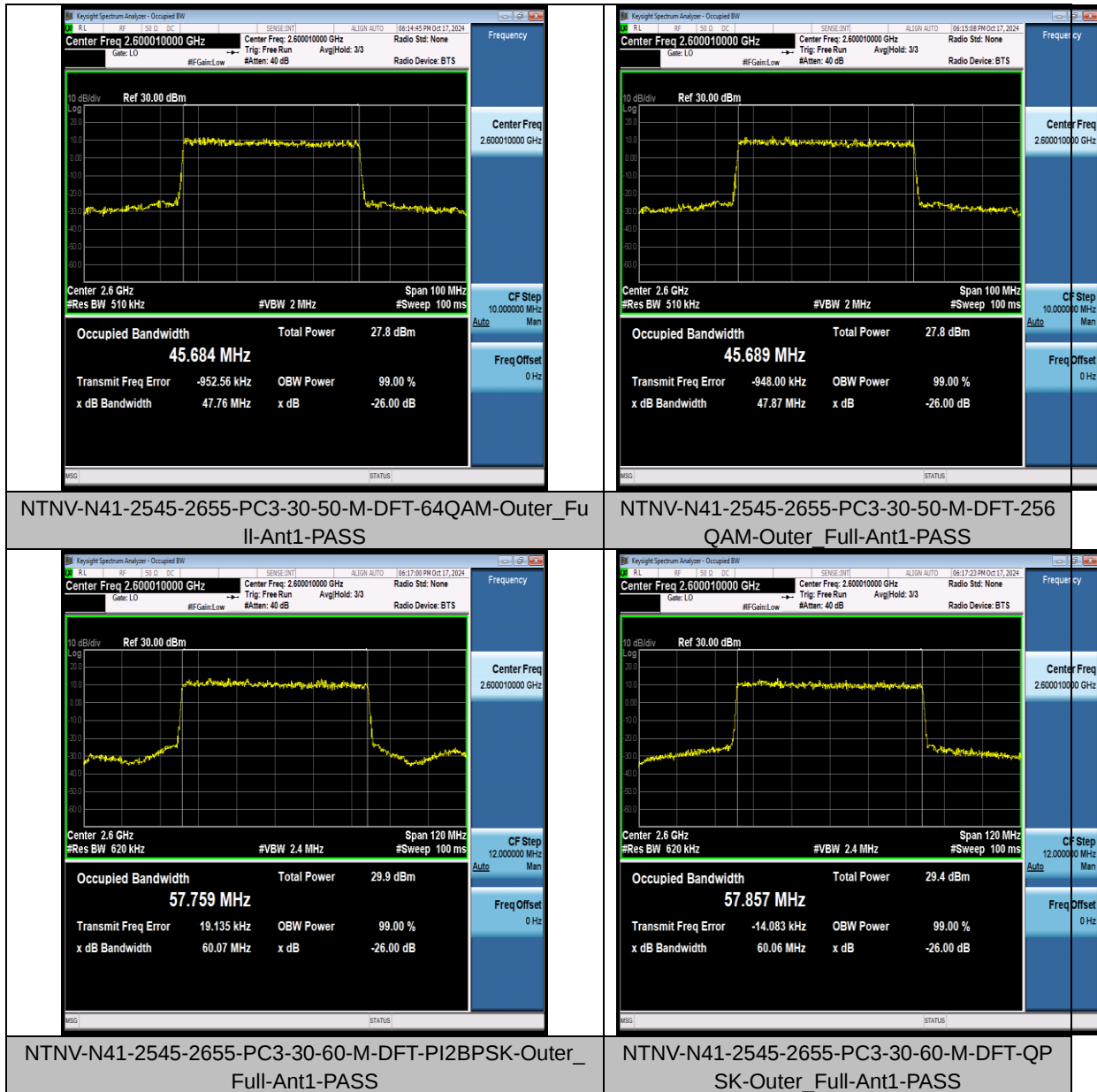
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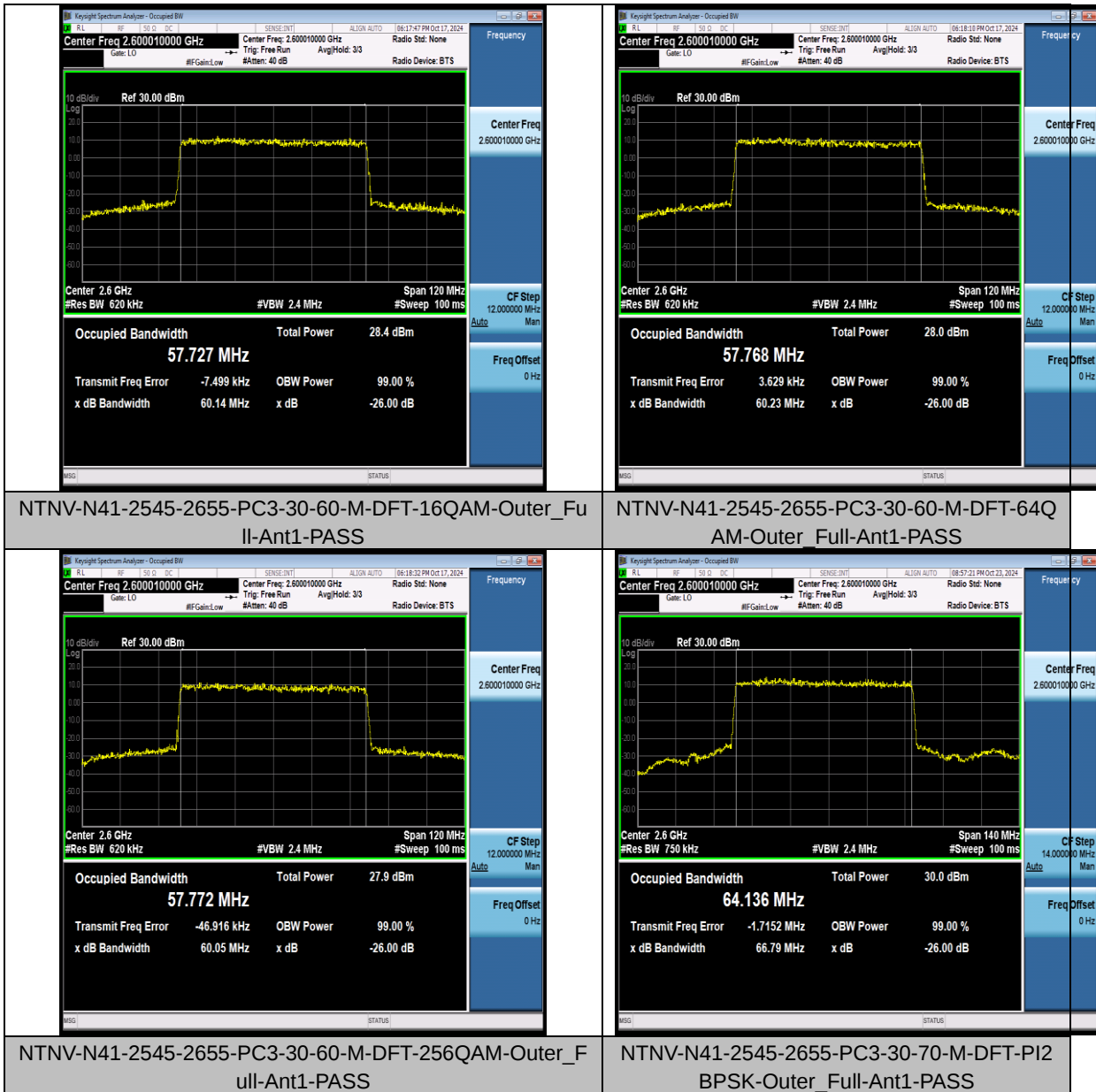
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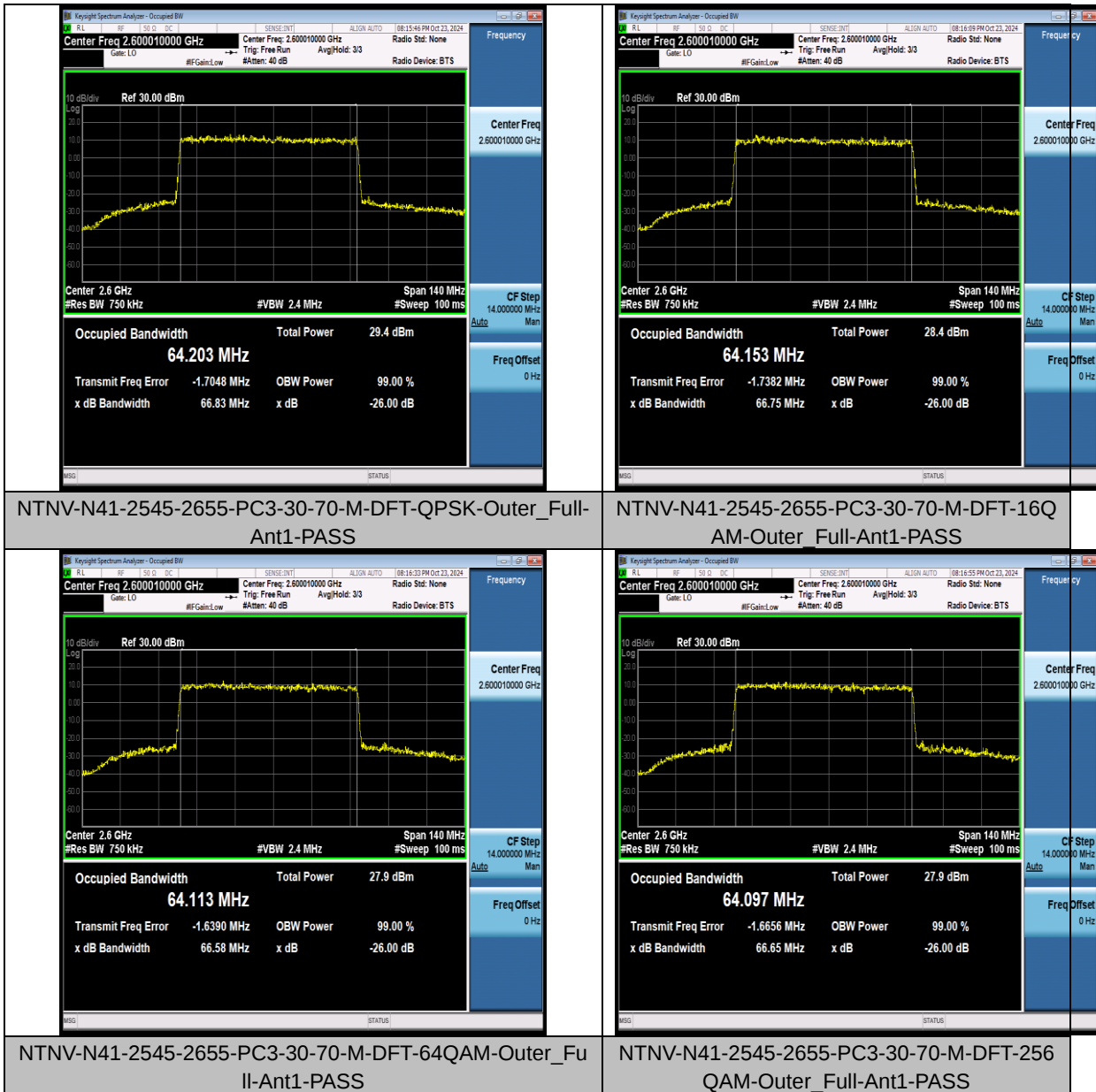
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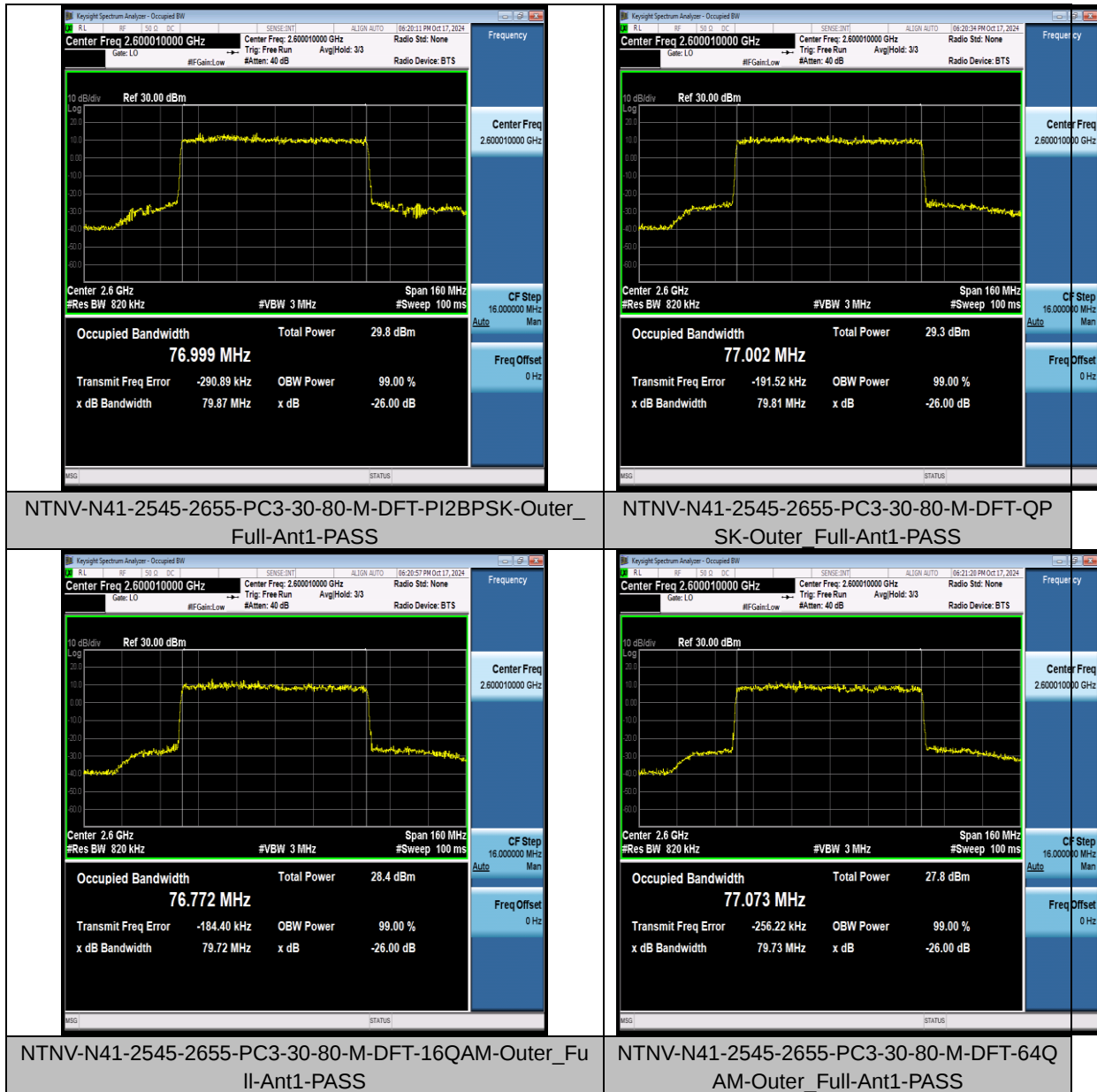
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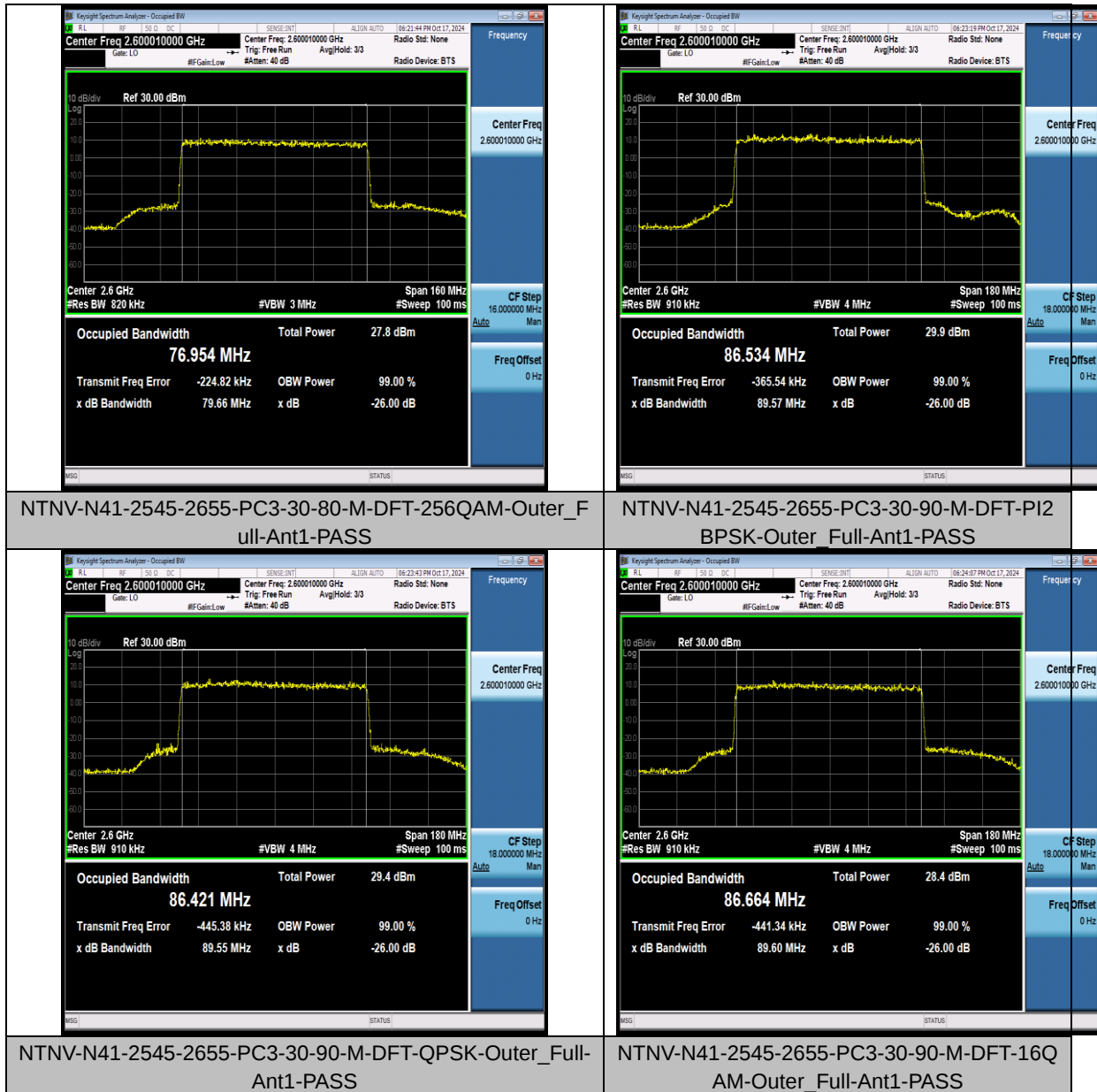
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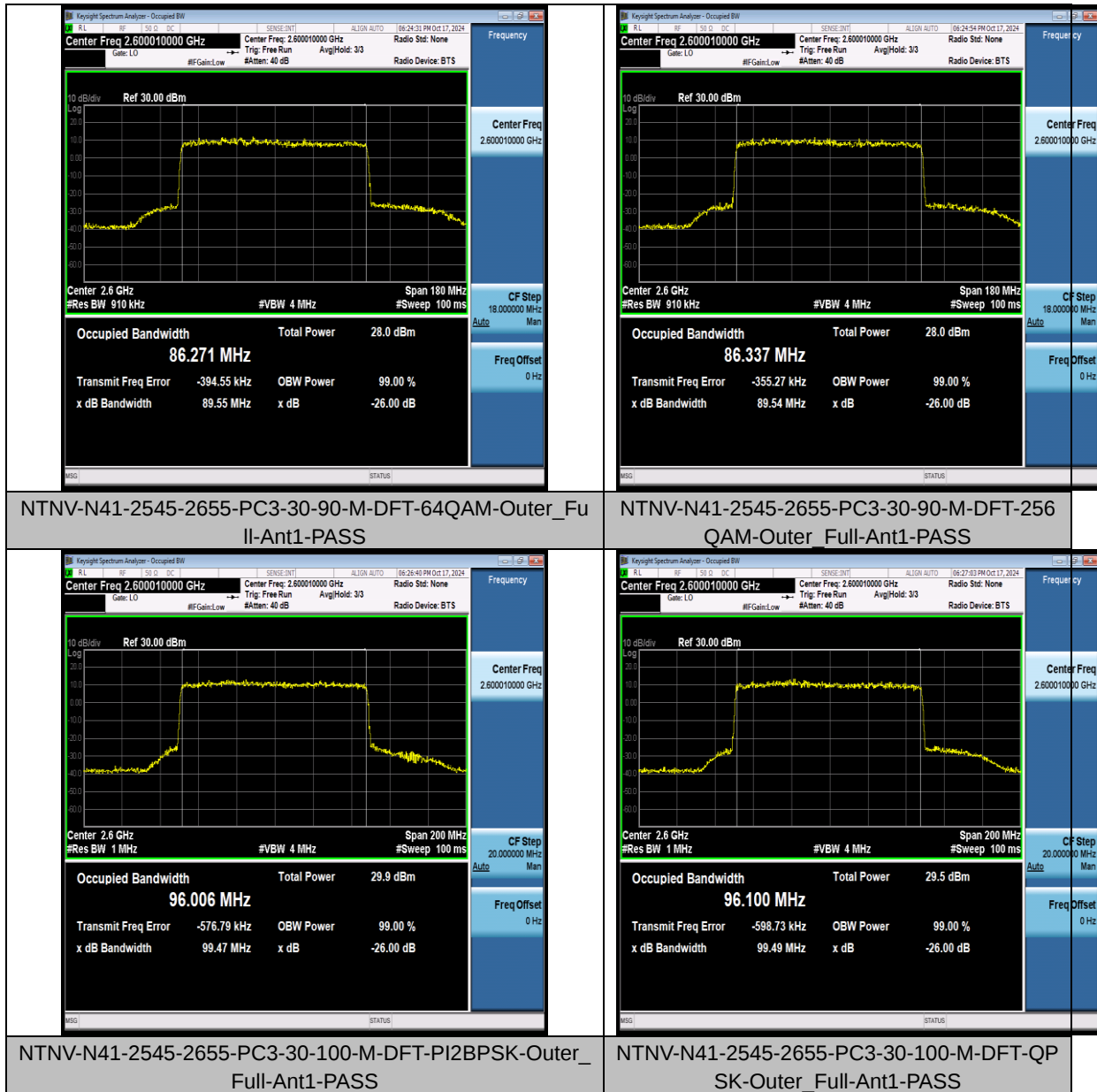
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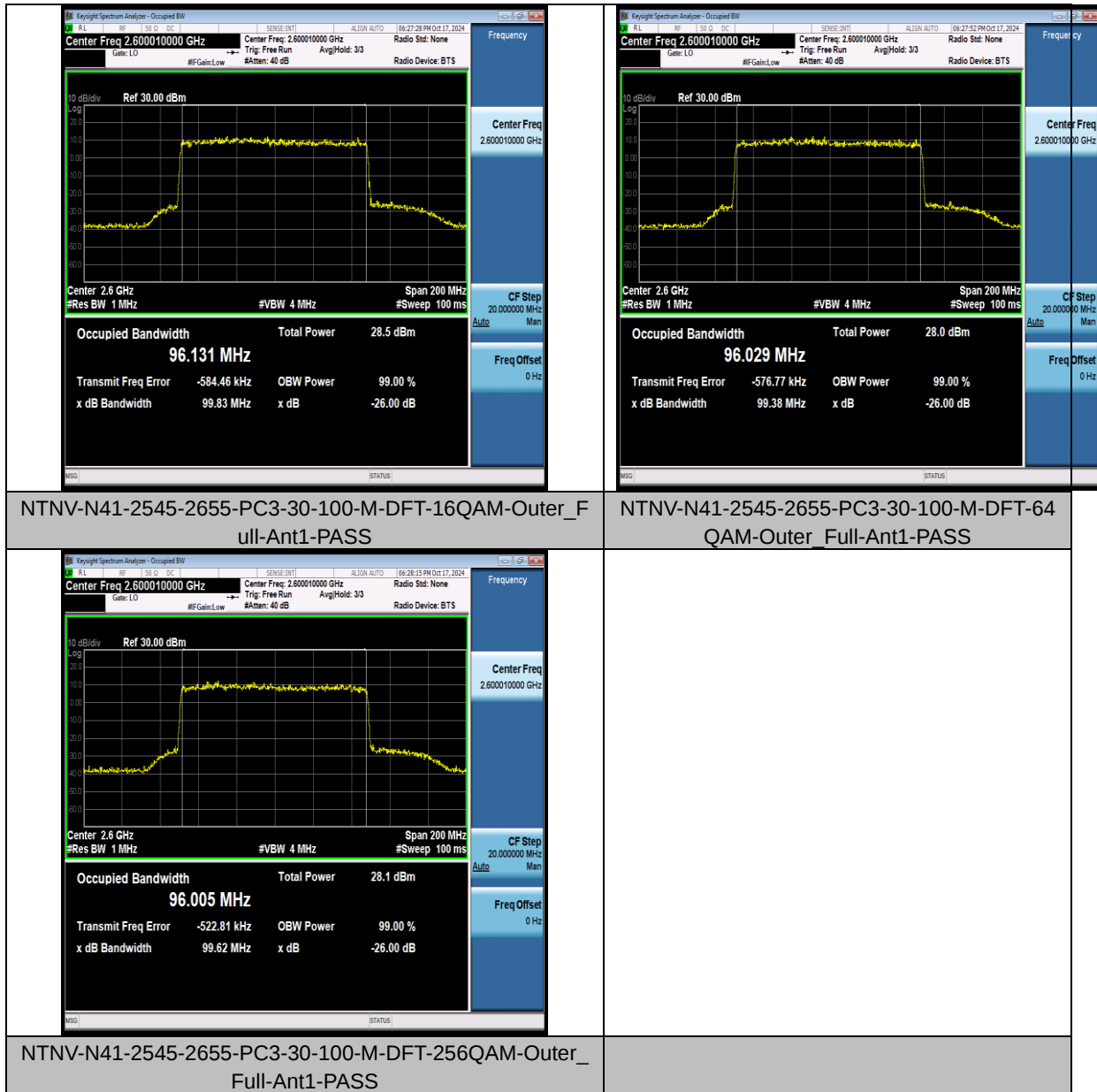
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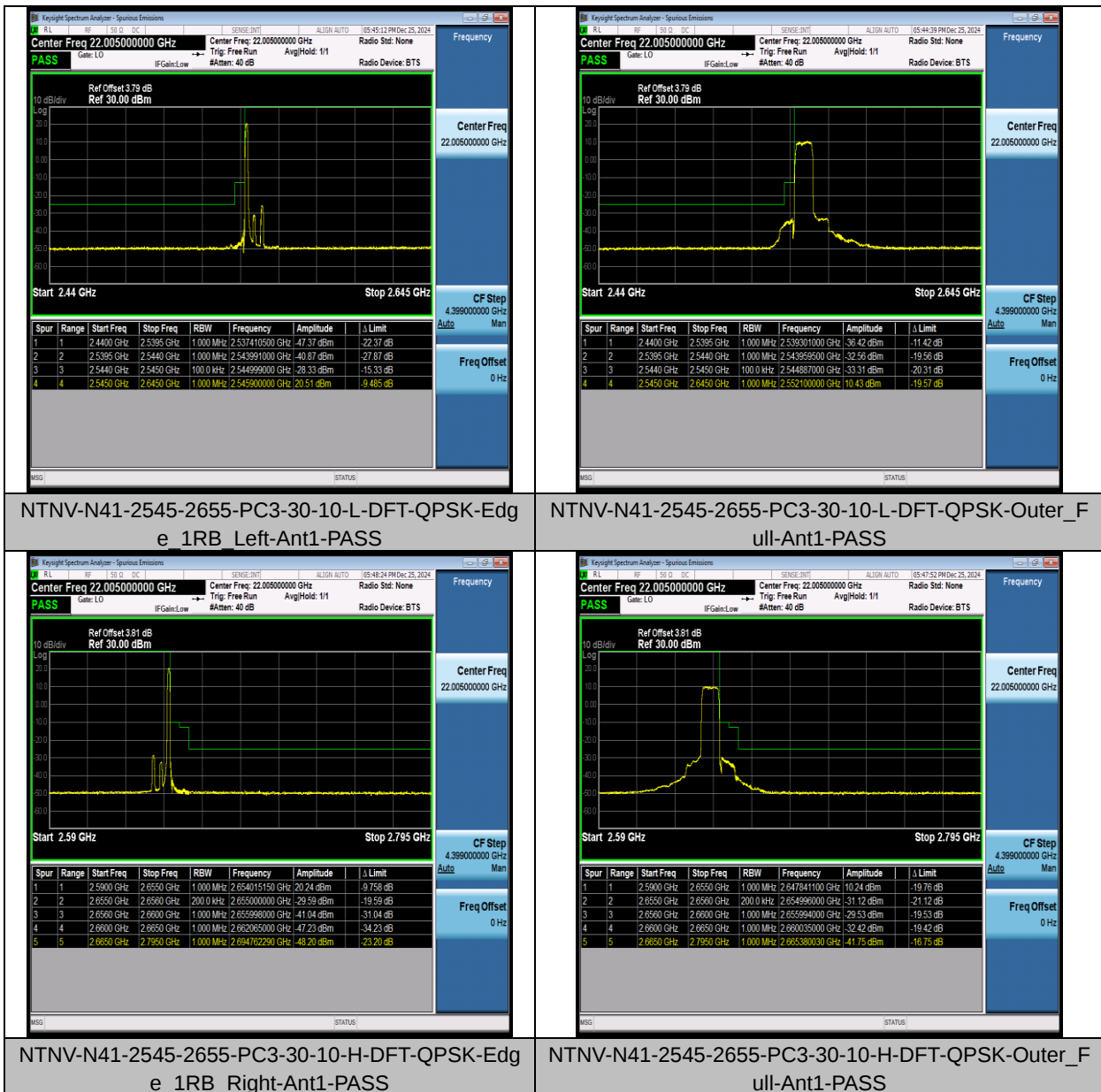
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## BAND EDGE FOR SA TEST RESULT

| Band          | SCS | Bandwidth | Modulation | Channel | RB Config      | Result | Verdict |
|---------------|-----|-----------|------------|---------|----------------|--------|---------|
| N41-2545-2655 | 30  | 10        | DFT-QPSK   | L       | Edge_1RB_Left  | -28.33 | PASS    |
| N41-2545-2655 | 30  | 10        | DFT-QPSK   | L       | Outer_Full     | -36.42 | PASS    |
| N41-2545-2655 | 30  | 10        | DFT-QPSK   | H       | Edge_1RB_Right | -29.59 | PASS    |
| N41-2545-2655 | 30  | 10        | DFT-QPSK   | H       | Outer_Full     | -41.75 | PASS    |
| N41-2545-2655 | 30  | 60        | DFT-QPSK   | L       | Edge_1RB_Left  | -31.43 | PASS    |
| N41-2545-2655 | 30  | 60        | DFT-QPSK   | L       | Outer_Full     | -41.13 | PASS    |
| N41-2545-2655 | 30  | 60        | DFT-QPSK   | H       | Edge_1RB_Right | -13.74 | PASS    |
| N41-2545-2655 | 30  | 60        | DFT-QPSK   | H       | Outer_Full     | -39.34 | PASS    |
| N41-2545-2655 | 30  | 100       | DFT-QPSK   | L       | Edge_1RB_Left  | -17.30 | PASS    |
| N41-2545-2655 | 30  | 100       | DFT-QPSK   | L       | Outer_Full     | -41.40 | PASS    |
| N41-2545-2655 | 30  | 100       | DFT-QPSK   | H       | Edge_1RB_Right | -18.22 | PASS    |
| N41-2545-2655 | 30  | 100       | DFT-QPSK   | H       | Outer_Full     | -38.94 | PASS    |

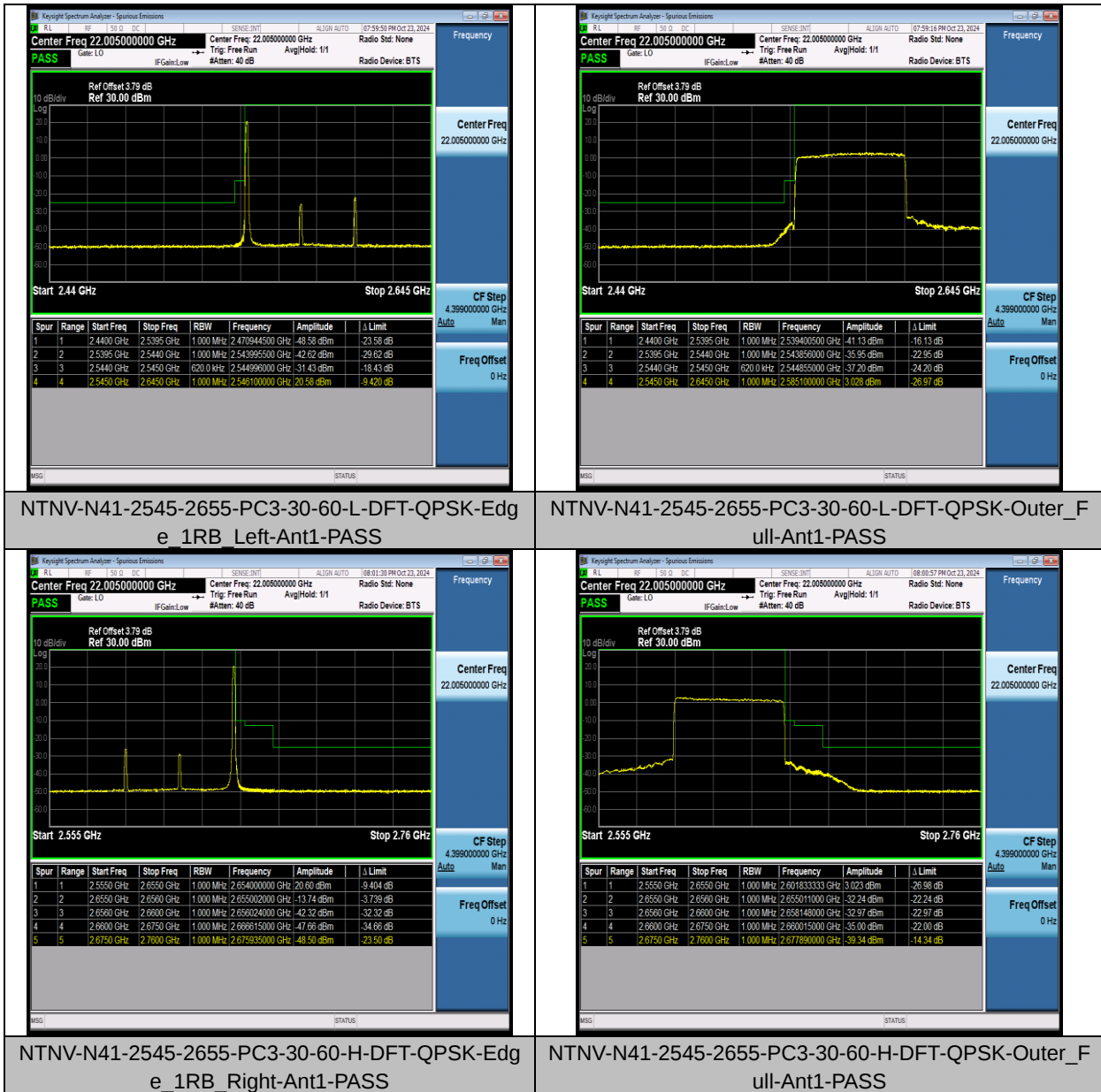
## TEST GRAPHS





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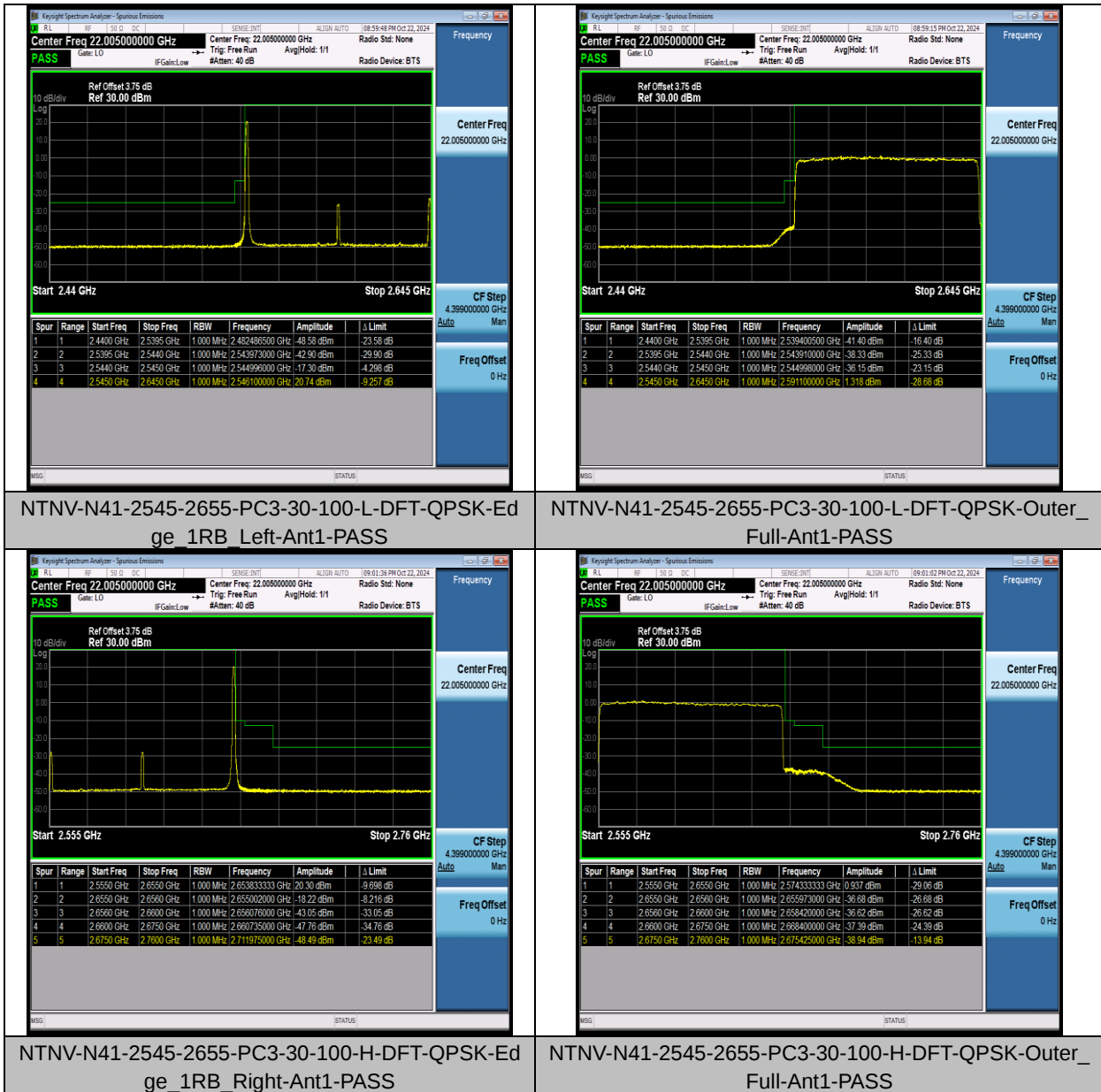
Reference No.: W7L-P24090006RF01





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Reference No.: W7L-P24090006RF01





Reference No.: W7L-P24090006RF01

## CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

| Band                  | SCS | Bandwidth | Modulation | Channel | RB Config     | StartFreq | StopFreq | Result | Limit | Verdict |
|-----------------------|-----|-----------|------------|---------|---------------|-----------|----------|--------|-------|---------|
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | L       | Edge_1RB_Left | 30        | 1000     | -47.76 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | L       | Edge_1RB_Left | 1000      | 10000    | -38.97 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | L       | Edge_1RB_Left | 10000     | 27000    | -51.57 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | M       | Edge_1RB_Left | 30        | 1000     | -47.74 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | M       | Edge_1RB_Left | 1000      | 10000    | -38.67 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | M       | Edge_1RB_Left | 10000     | 27000    | -51.23 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | H       | Edge_1RB_Left | 30        | 1000     | -47.60 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | H       | Edge_1RB_Left | 1000      | 10000    | -38.85 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 10        | DFT-QPSK   | H       | Edge_1RB_Left | 10000     | 27000    | -51.76 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 60        | DFT-QPSK   | L       | Edge_1RB_Left | 30        | 1000     | -48.24 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 60        | DFT-QPSK   | L       | Edge_1RB_Left | 1000      | 10000    | -38.84 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 60        | DFT-QPSK   | L       | Edge_1RB_Left | 10000     | 27000    | -51.06 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 60        | DFT-QPSK   | M       | Edge_1RB_Left | 30        | 1000     | -48.29 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 60        | DFT-QPSK   | M       | Edge_1RB_Left | 1000      | 10000    | -38.43 | -25   | PASS    |
| N41-2<br>545-26<br>55 | 30  | 60        | DFT-QPSK   | M       | Edge_1RB_Left | 10000     | 27000    | -51.27 | -25   | PASS    |



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Reference No.: W7L-P24090006RF01

|                       |    |     |          |   |               |       |       |        |     |      |
|-----------------------|----|-----|----------|---|---------------|-------|-------|--------|-----|------|
| N41-2<br>545-26<br>55 | 30 | 60  | DFT-QPSK | H | Edge_1RB_Left | 30    | 1000  | -48.37 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 60  | DFT-QPSK | H | Edge_1RB_Left | 1000  | 10000 | -38.96 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 60  | DFT-QPSK | H | Edge_1RB_Left | 10000 | 27000 | -51.52 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | L | Edge_1RB_Left | 30    | 1000  | -48.27 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | L | Edge_1RB_Left | 1000  | 10000 | -38.67 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | L | Edge_1RB_Left | 10000 | 27000 | -51.37 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | M | Edge_1RB_Left | 30    | 1000  | -48.39 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | M | Edge_1RB_Left | 1000  | 10000 | -38.38 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | M | Edge_1RB_Left | 10000 | 27000 | -51.56 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | H | Edge_1RB_Left | 30    | 1000  | -48.25 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | H | Edge_1RB_Left | 1000  | 10000 | -39.00 | -25 | PASS |
| N41-2<br>545-26<br>55 | 30 | 100 | DFT-QPSK | H | Edge_1RB_Left | 10000 | 27000 | -51.22 | -25 | PASS |

## TEST GRAPHS

