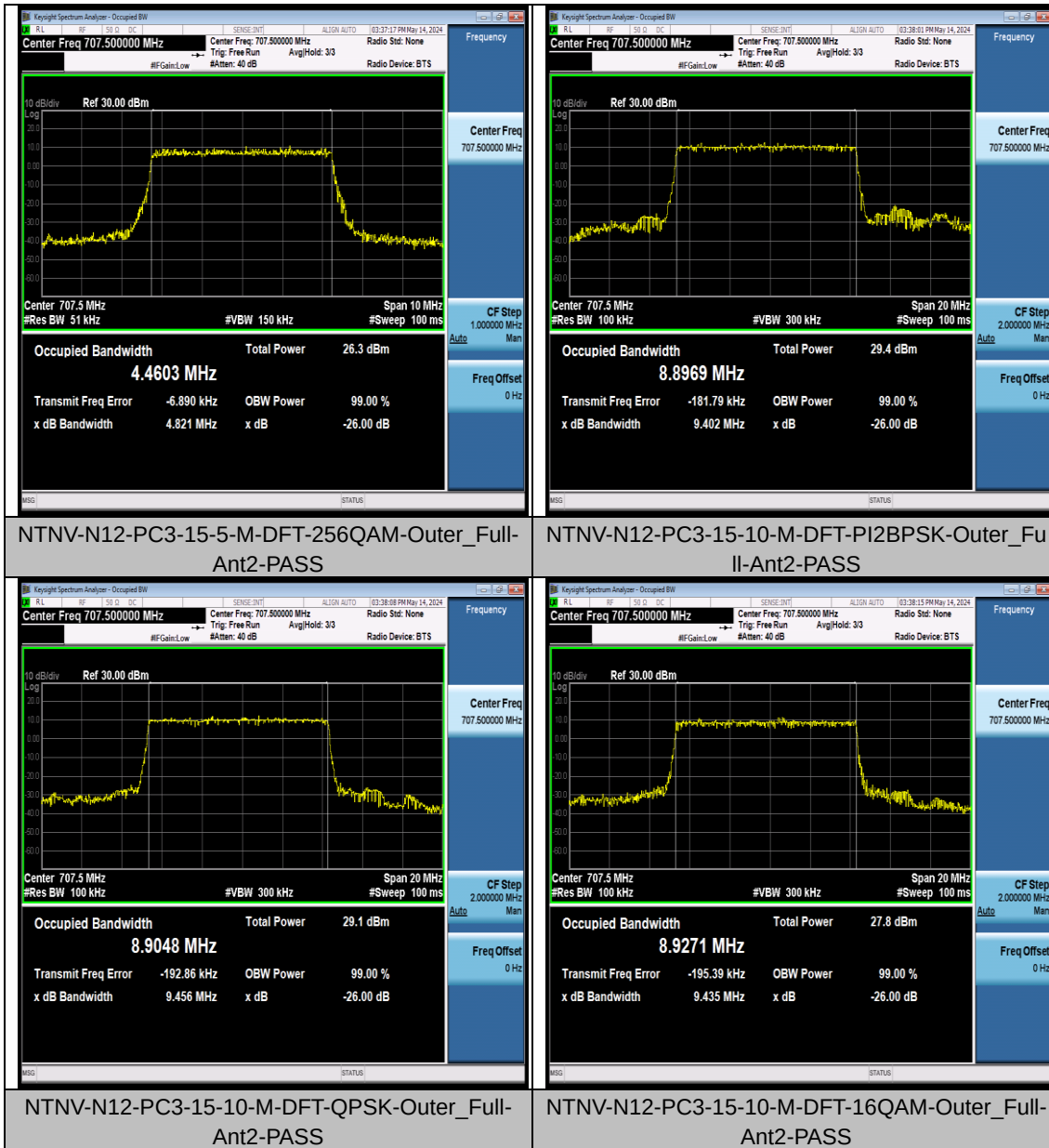




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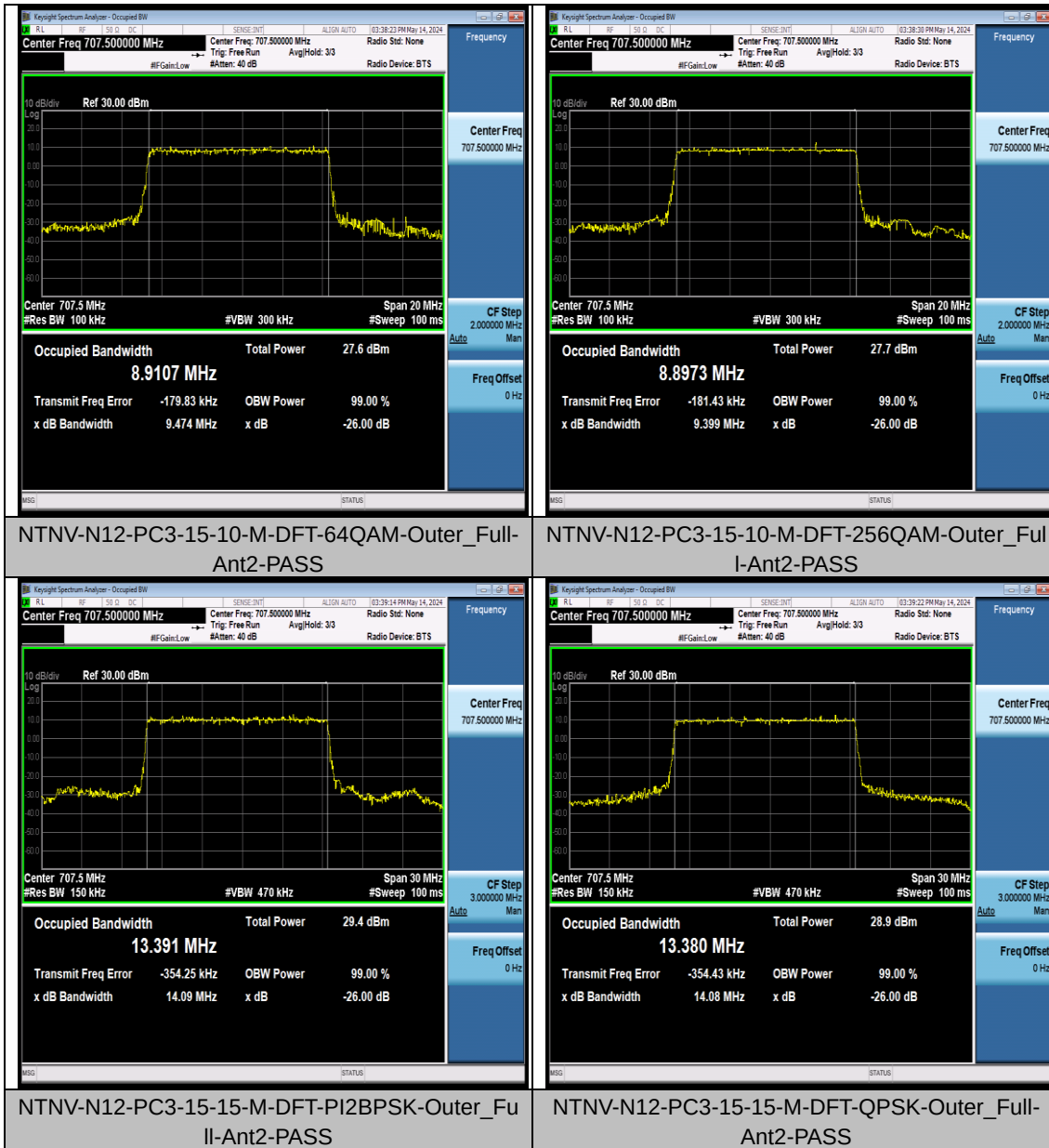
Reference No.: W7L-P24030018RF08





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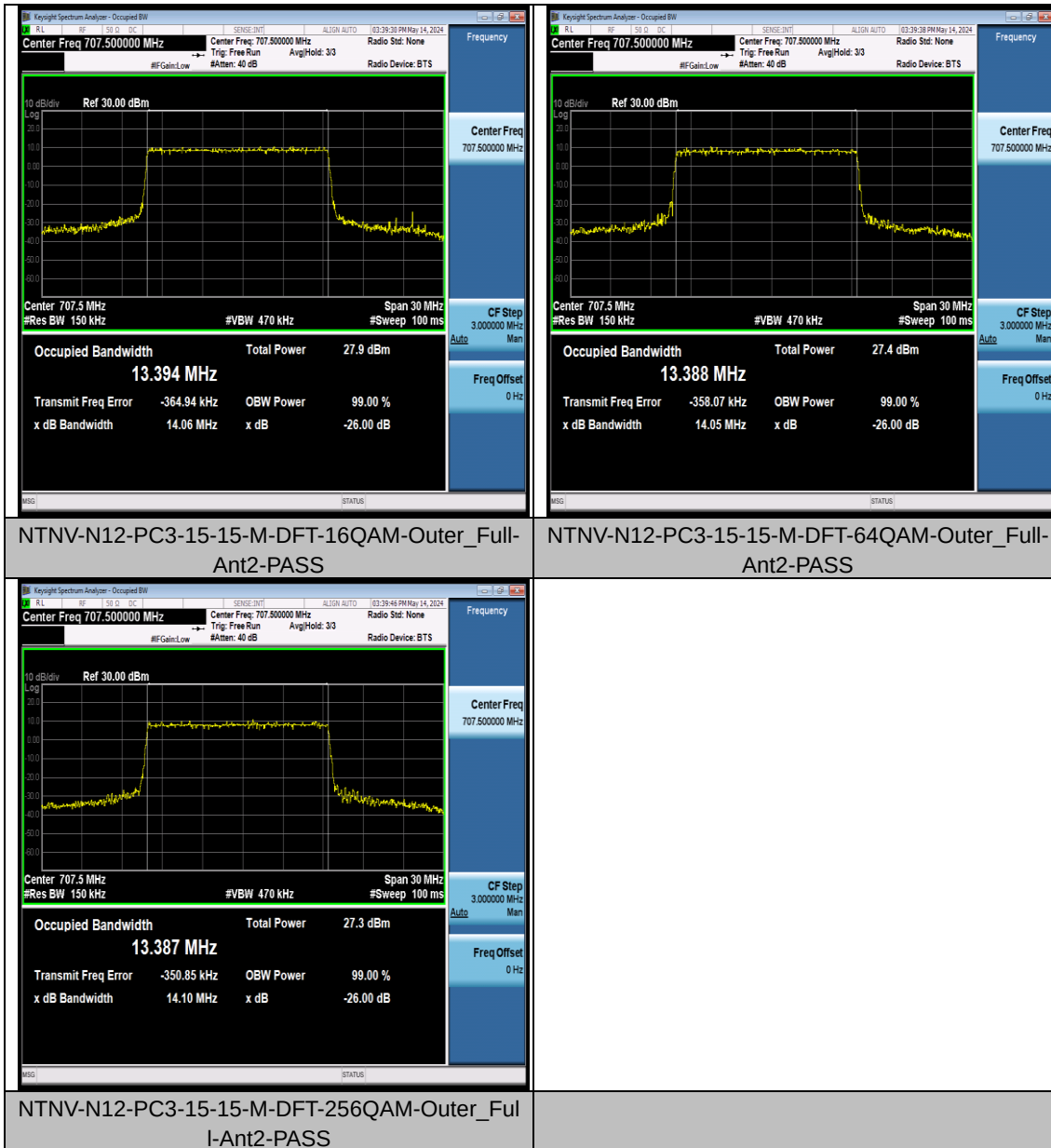
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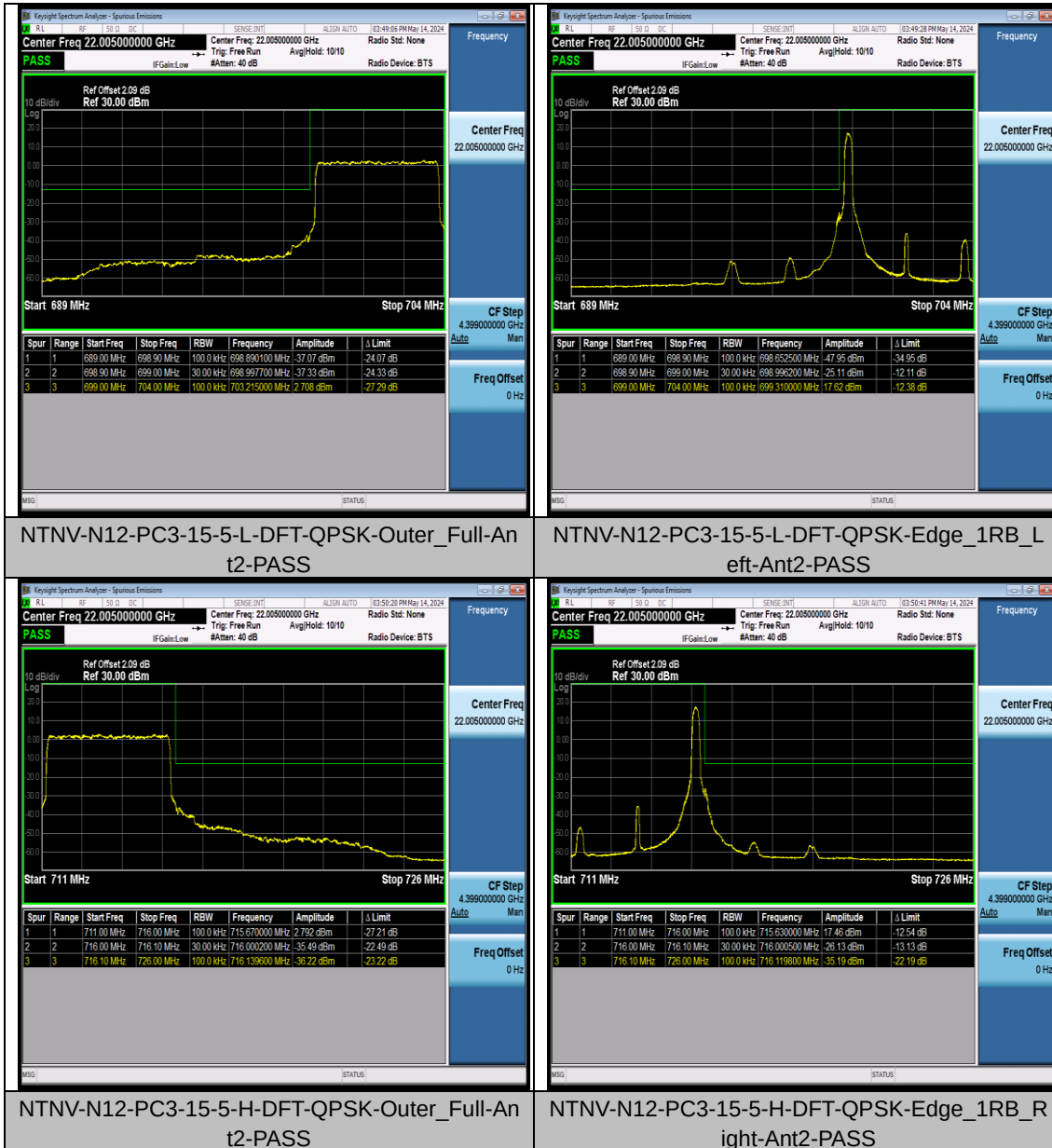
Reference No.: W7L-P24030018RF08



## BAND EDGE FOR SA TEST RESULT

| Band | SCS | Bandwidth | Modulation | Channel | RB Config      | Result | Verdict |
|------|-----|-----------|------------|---------|----------------|--------|---------|
| N12  | 15  | 5         | DFT-QPSK   | L       | Outer_Full     | -37.07 | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | L       | Edge_1RB_Left  | -25.11 | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | H       | Outer_Full     | -35.49 | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | H       | Edge_1RB_Right | -26.13 | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | L       | Outer_Full     | -39.15 | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | L       | Edge_1RB_Left  | -26.70 | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | H       | Outer_Full     | -41.10 | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | H       | Edge_1RB_Right | -27.99 | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | L       | Outer_Full     | -37.18 | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | L       | Edge_1RB_Left  | -30.13 | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | H       | Outer_Full     | -41.42 | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | H       | Edge_1RB_Right | -31.30 | PASS    |

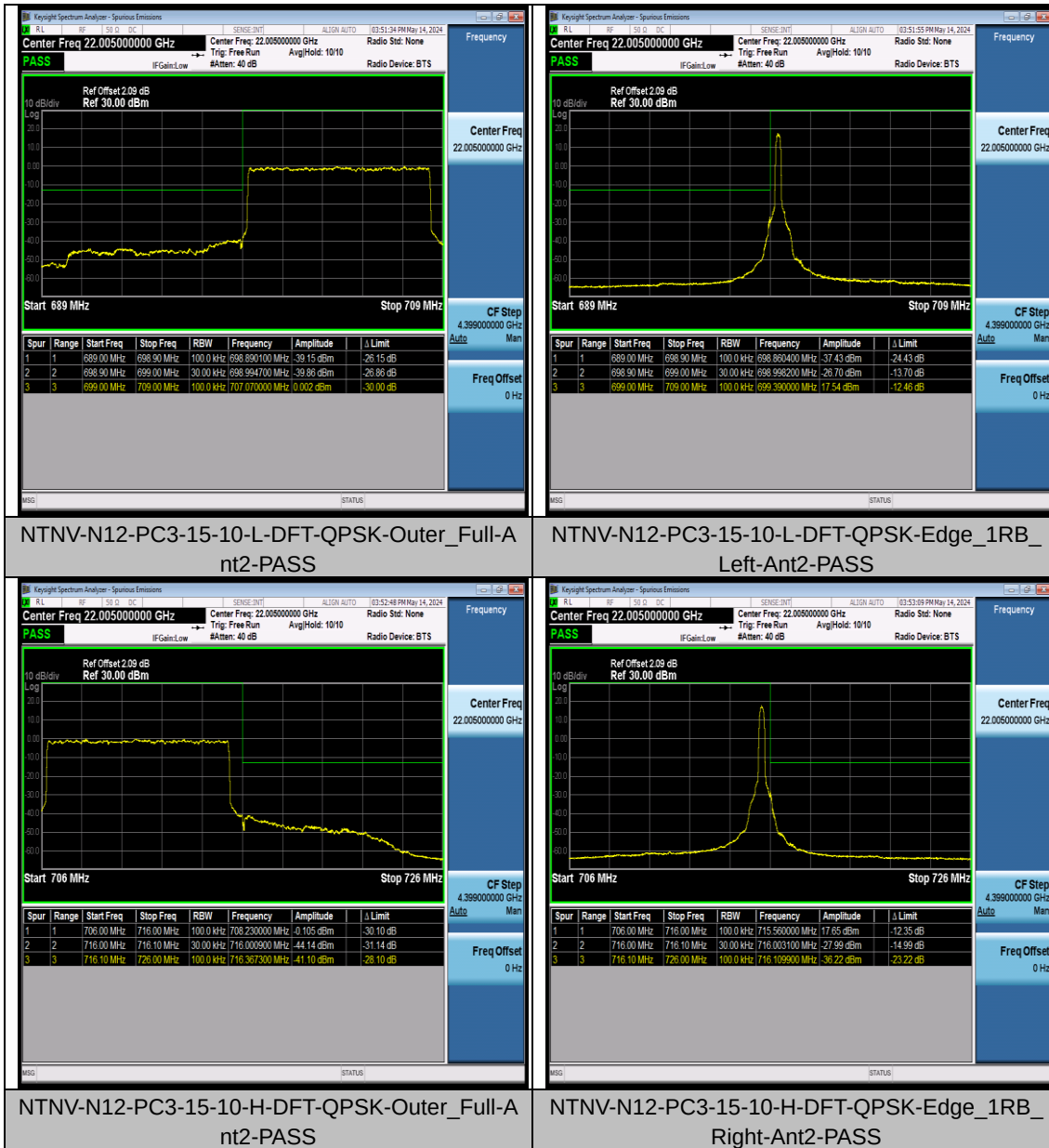
## TEST GRAPHS





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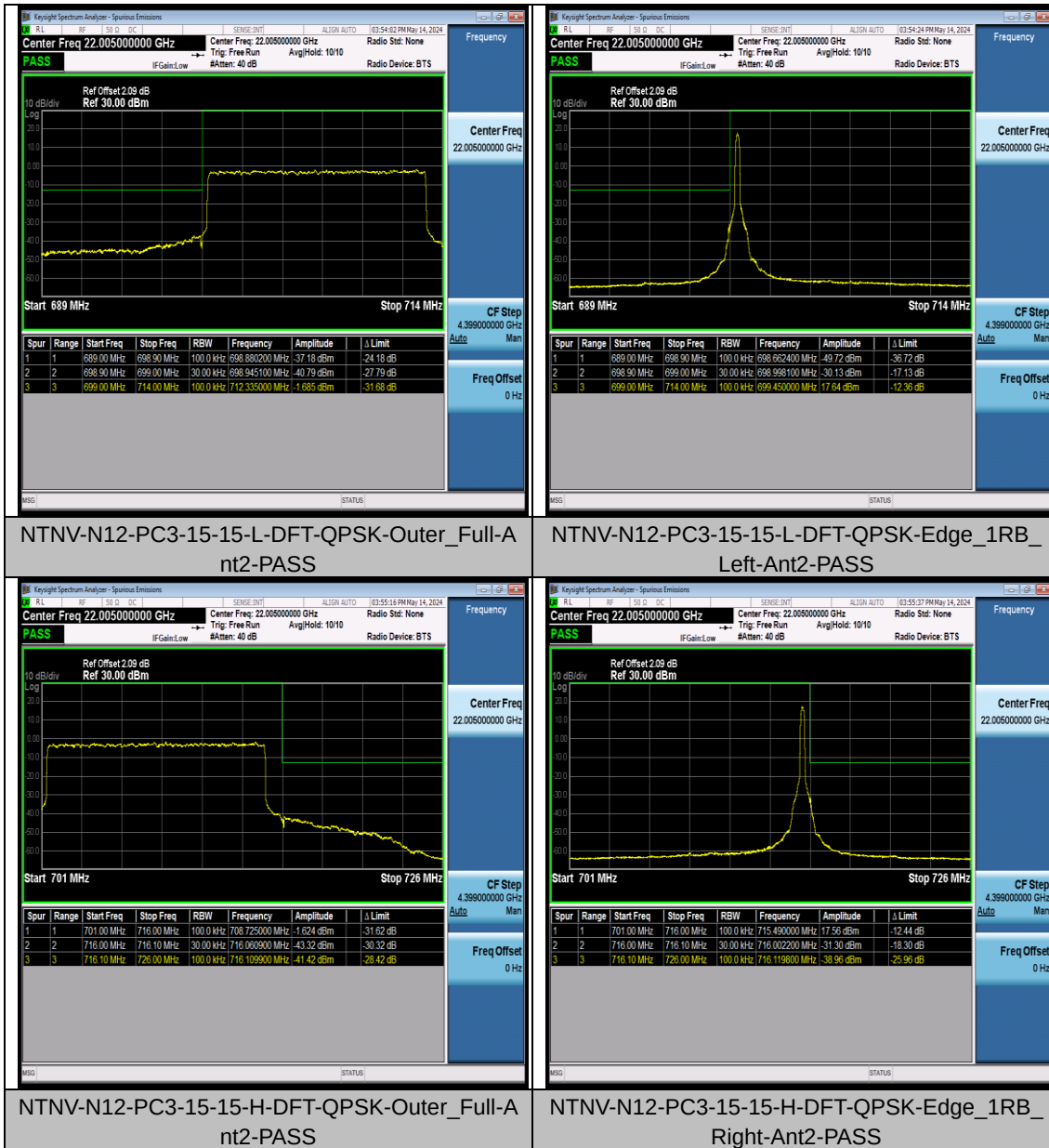
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Reference No.: W7L-P24030018RF08

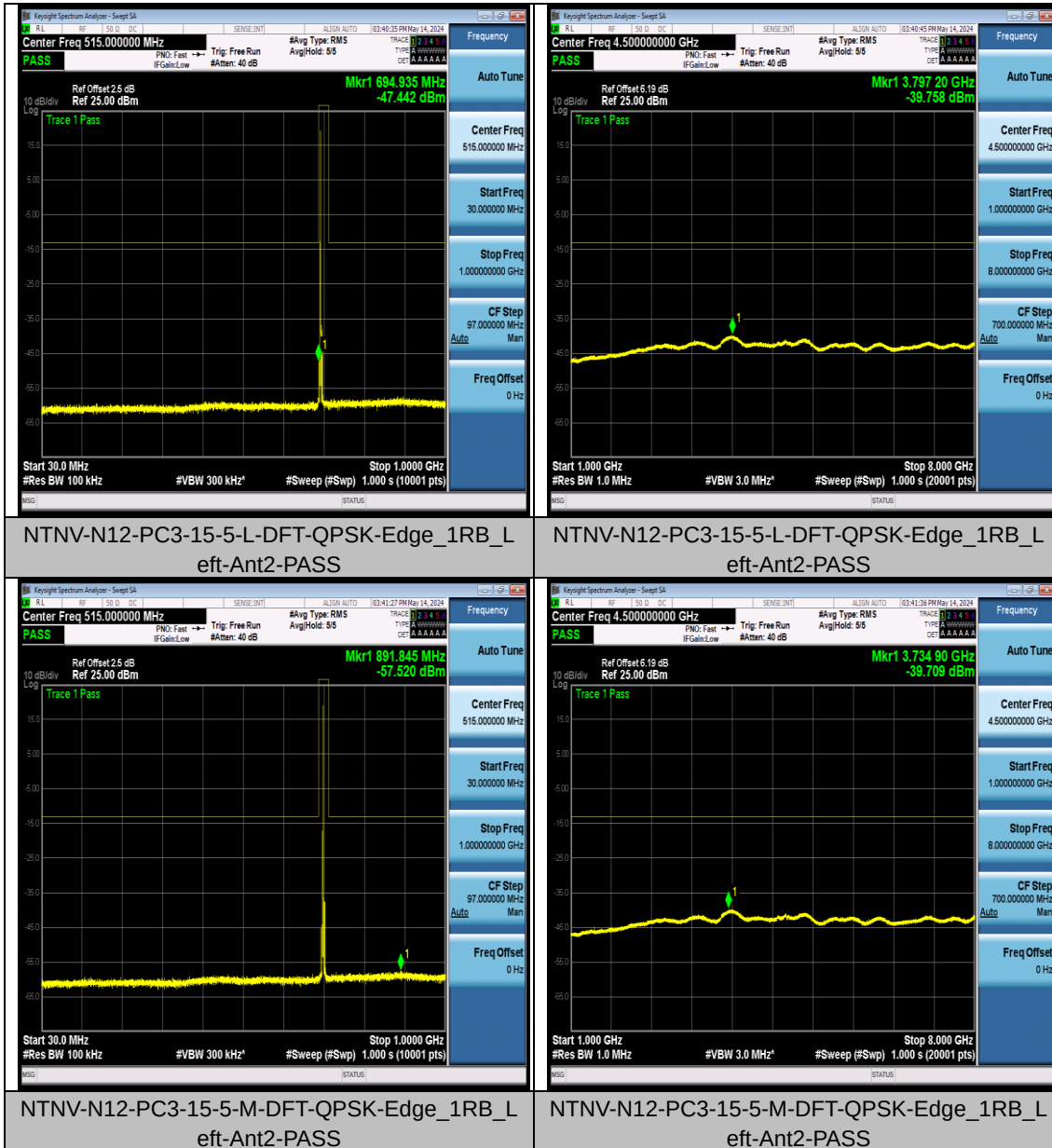


## CONDUCTED SPURIOUS EMISSION FOR SA TEST RESULT

| Band | SCS | Bandwidth | Modulation | Channel | RB Config     | StartFreq | StopFreq | Result | Limit | Verdict |
|------|-----|-----------|------------|---------|---------------|-----------|----------|--------|-------|---------|
| N12  | 15  | 5         | DFT-QPSK   | L       | Edge 1RB Left | 30        | 1000     | -47.44 | -13   | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | L       | Edge 1RB Left | 1000      | 8000     | -39.76 | -13   | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | M       | Edge 1RB Left | 30        | 1000     | -57.52 | -13   | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | M       | Edge 1RB Left | 1000      | 8000     | -39.71 | -13   | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | H       | Edge 1RB Left | 30        | 1000     | -57.73 | -13   | PASS    |
| N12  | 15  | 5         | DFT-QPSK   | H       | Edge 1RB Left | 1000      | 8000     | -39.78 | -13   | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | L       | Edge 1RB Left | 30        | 1000     | -57.53 | -13   | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | L       | Edge 1RB Left | 1000      | 8000     | -39.51 | -13   | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | M       | Edge 1RB Left | 30        | 1000     | -57.56 | -13   | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | M       | Edge 1RB Left | 1000      | 8000     | -39.91 | -13   | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | H       | Edge 1RB Left | 30        | 1000     | -57.58 | -13   | PASS    |
| N12  | 15  | 10        | DFT-QPSK   | H       | Edge 1RB Left | 1000      | 8000     | -39.90 | -13   | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | L       | Edge 1RB Left | 30        | 1000     | -57.69 | -13   | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | L       | Edge 1RB Left | 1000      | 8000     | -39.80 | -13   | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | M       | Edge 1RB Left | 30        | 1000     | -57.51 | -13   | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | M       | Edge 1RB Left | 1000      | 8000     | -39.72 | -13   | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | H       | Edge 1RB Left | 30        | 1000     | -57.45 | -13   | PASS    |
| N12  | 15  | 15        | DFT-QPSK   | H       | Edge 1RB Left | 1000      | 8000     | -39.91 | -13   | PASS    |



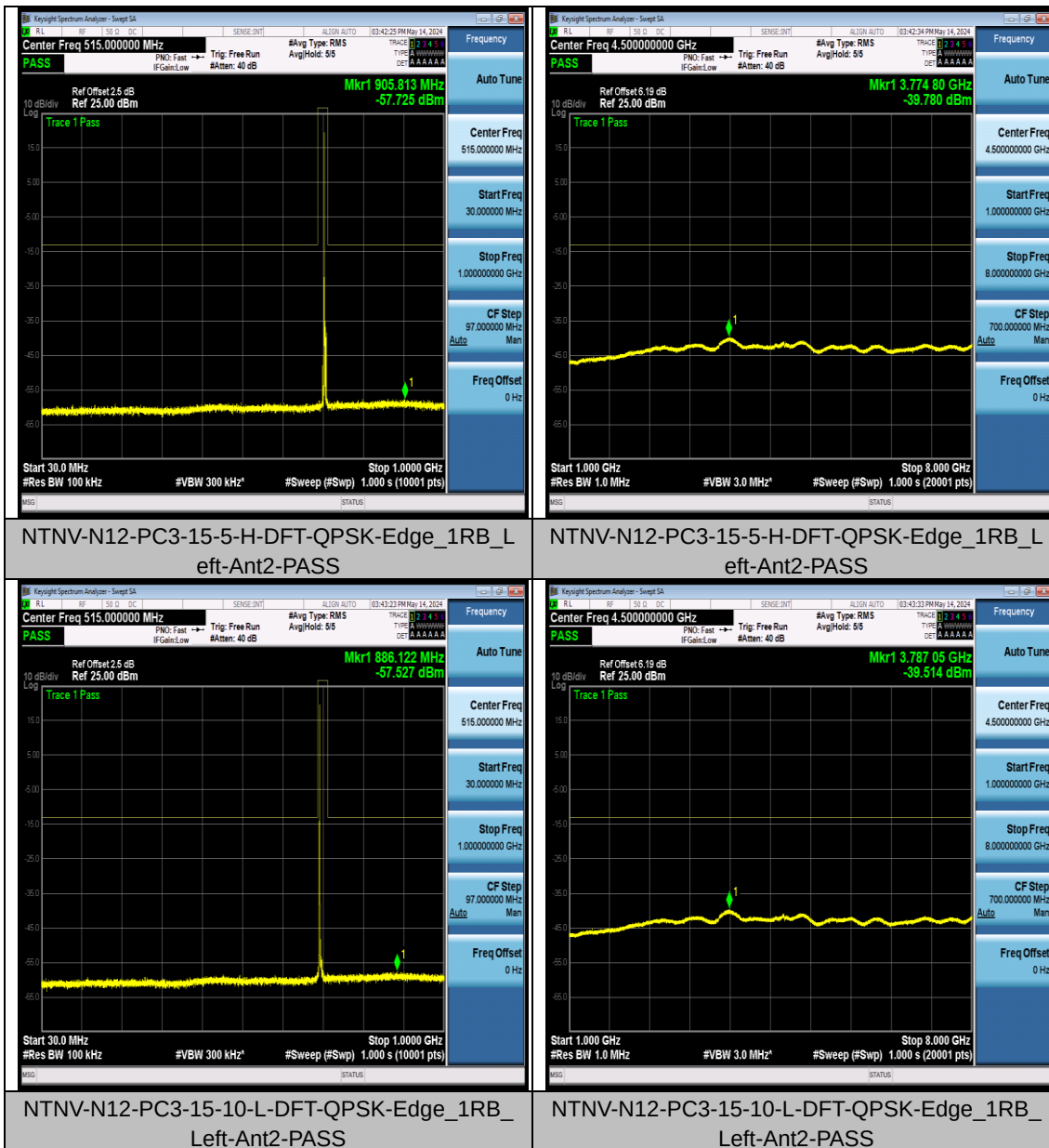
## TEST GRAPHS





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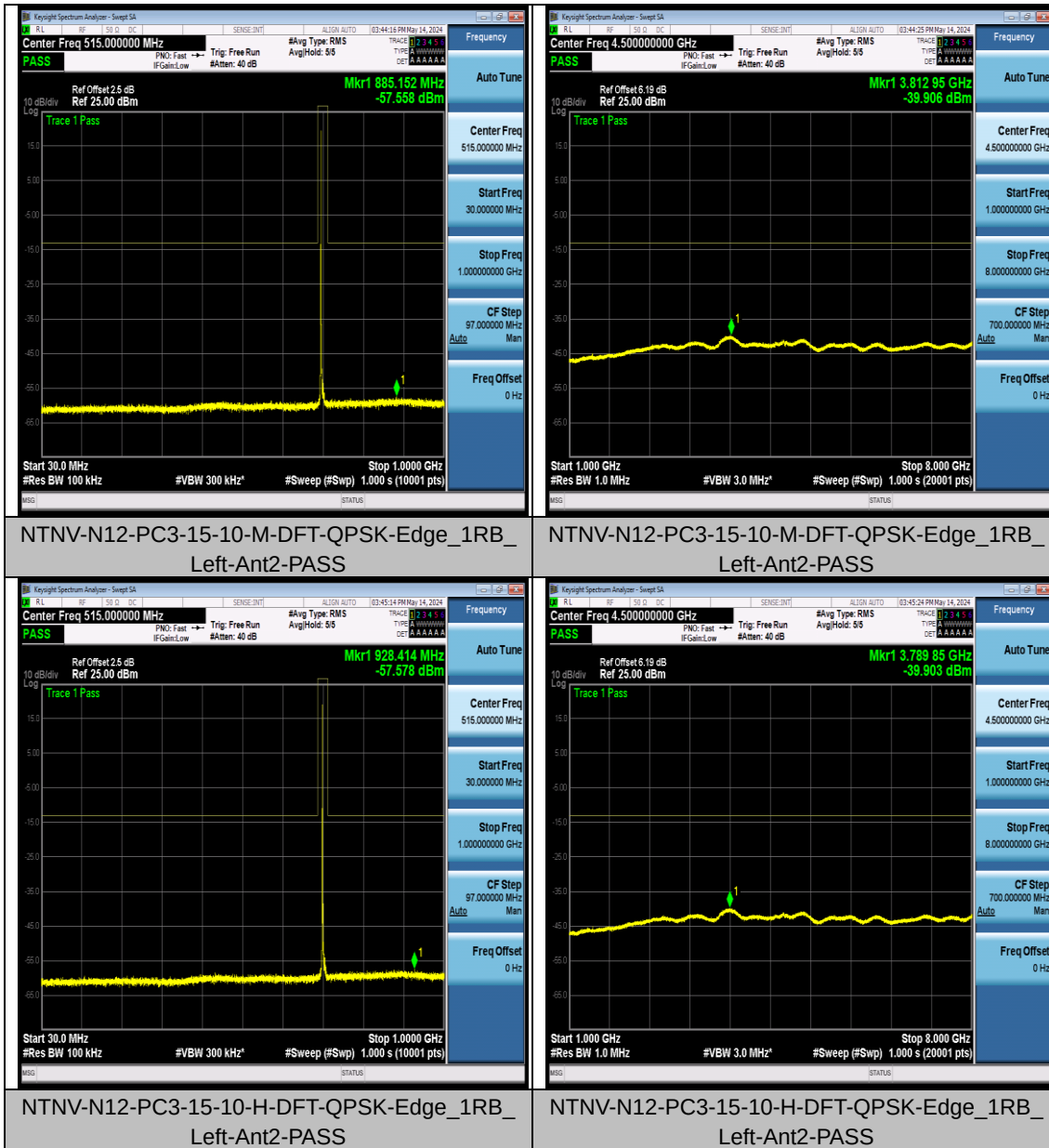
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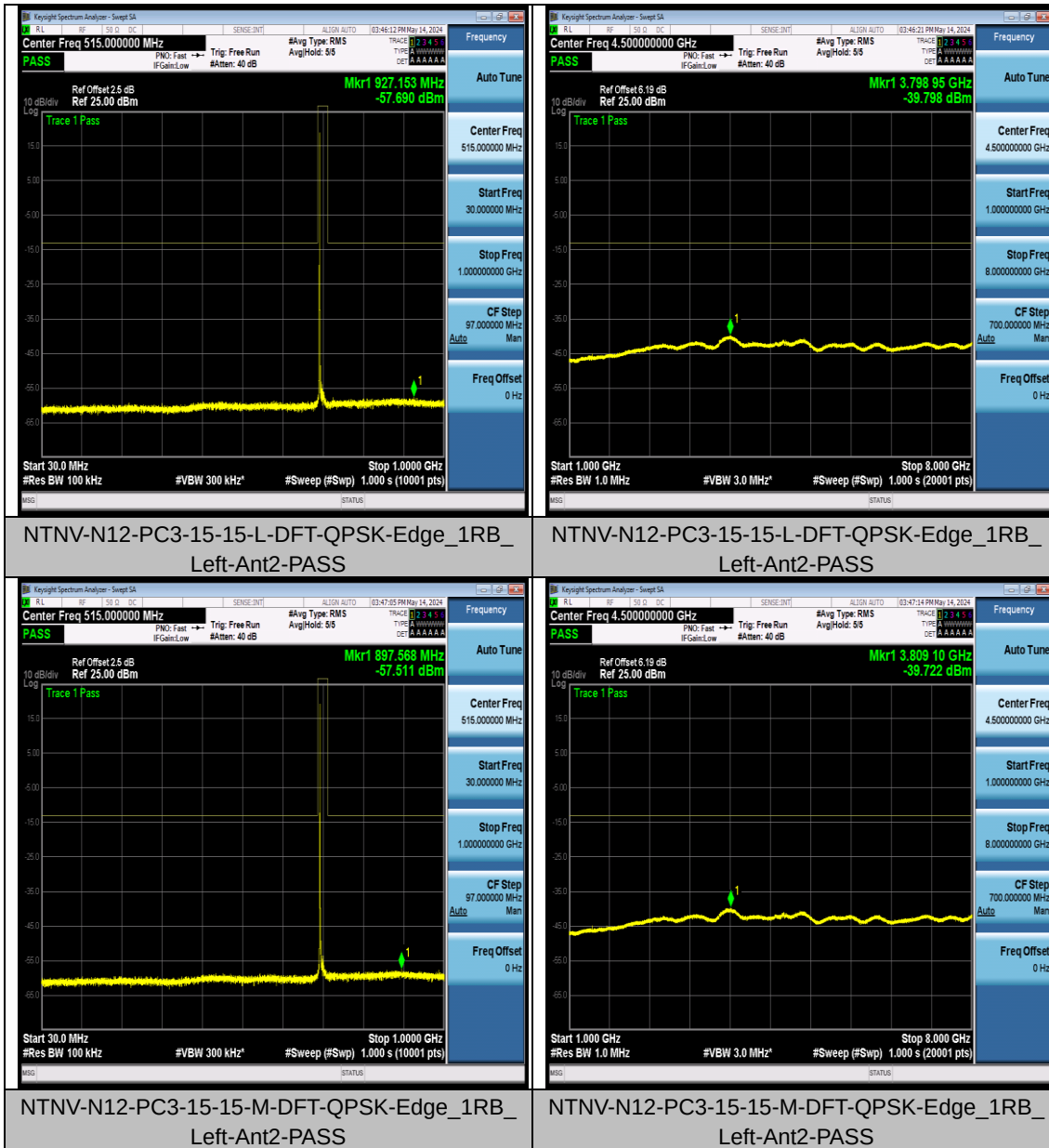
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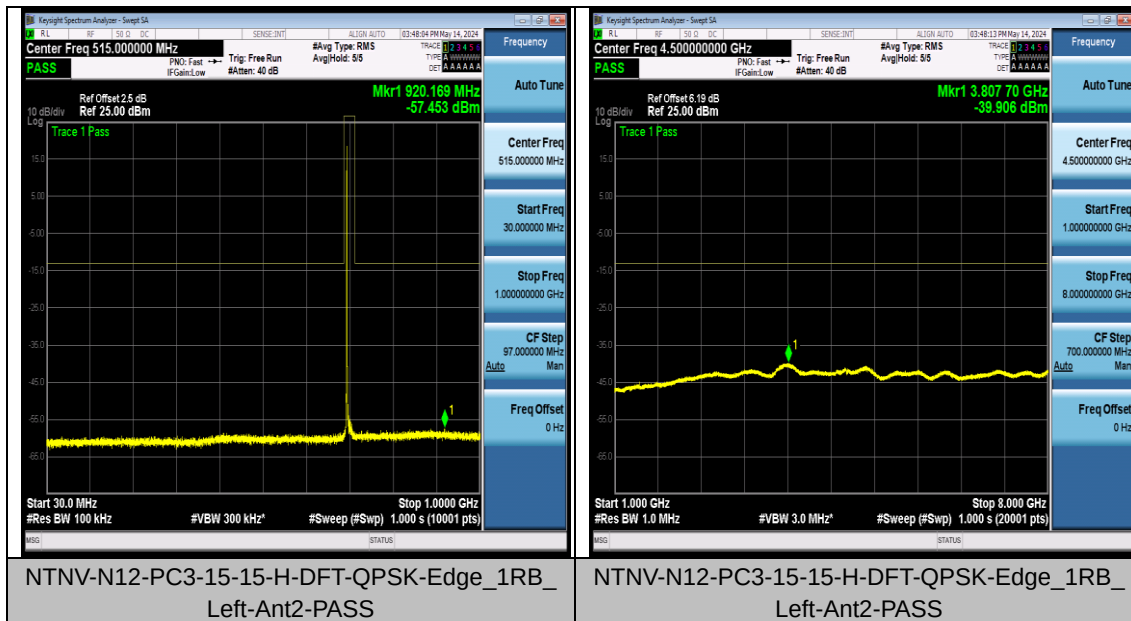
Reference No.: W7L-P24030018RF08





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Reference No.: W7L-P24030018RF08



## FREQUENCY STABILITY FOR SA TEST RESULT

| Voltage |     |            |            |         |            |         |             |               |                 |          |          |               |         |
|---------|-----|------------|------------|---------|------------|---------|-------------|---------------|-----------------|----------|----------|---------------|---------|
| Band    | SCS | Band width | Modulation | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | FL (MHz) | FH (MHz) | Limited (MHz) | Verdict |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | VL      | NT          | 5.00          | 0.007077        | 704.3270 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | VN      | NT          | 19.00         | 0.026893        | 704.3277 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | VH      | NT          | 6.00          | 0.008493        | 704.3813 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | -30         | 6.00          | 0.008493        | 704.4865 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | -20         | 17.00         | 0.024062        | 704.4380 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | -10         | 11.00         | 0.015570        | 704.2165 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | 0           | 12.00         | 0.016985        | 704.4510 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | 10          | 3.00          | 0.004246        | 704.5435 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | 20          | 15.00         | 0.021231        | 704.4813 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | 30          | 16.00         | 0.022647        | 704.5493 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | 40          | 11.00         | 0.015570        | 704.2906 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | L       | Outer_Full | NV      | 50          | 2.00          | 0.002831        | 704.2398 | ---      | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | VL      | NT          | 11.00         | 0.015526        | ---      | 715.6697 | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | VN      | NT          | 13.00         | 0.018349        | ---      | 715.6368 | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | VH      | NT          | 5.00          | 0.007057        | ---      | 715.6898 | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | NV      | -30         | 15.00         | 0.021171        | ---      | 715.6548 | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | NV      | -20         | 4.00          | 0.005646        | ---      | 715.7406 | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | NV      | -10         | 14.00         | 0.019760        | ---      | 715.7497 | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | NV      | 0           | 6.00          | 0.008469        | ---      | 715.6722 | 699-716       | PASS    |
| N12     | 15  | 15         | DFT-QPSK   | H       | Outer_Full | NV      | 10          | 8.00          | 0.011291        | ---      | 715.7149 | 699-716       | PASS    |



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VERITAS

Reference No.: W7L-P24030018RF08

|     |    |    |          |   |            |    |    |       |          |     |              |             |      |
|-----|----|----|----------|---|------------|----|----|-------|----------|-----|--------------|-------------|------|
| N12 | 15 | 15 | DFT-QPSK | H | Outer_Full | NV | 20 | 18.00 | 0.025406 | --- | 715.6<br>483 | 699-7<br>16 | PASS |
| N12 | 15 | 15 | DFT-QPSK | H | Outer_Full | NV | 30 | 17.00 | 0.023994 | --- | 715.6<br>902 | 699-7<br>16 | PASS |
| N12 | 15 | 15 | DFT-QPSK | H | Outer_Full | NV | 40 | 8.00  | 0.011291 | --- | 715.6<br>795 | 699-7<br>16 | PASS |
| N12 | 15 | 15 | DFT-QPSK | H | Outer_Full | NV | 50 | 19.00 | 0.026817 | --- | 715.6<br>475 | 699-7<br>16 | PASS |

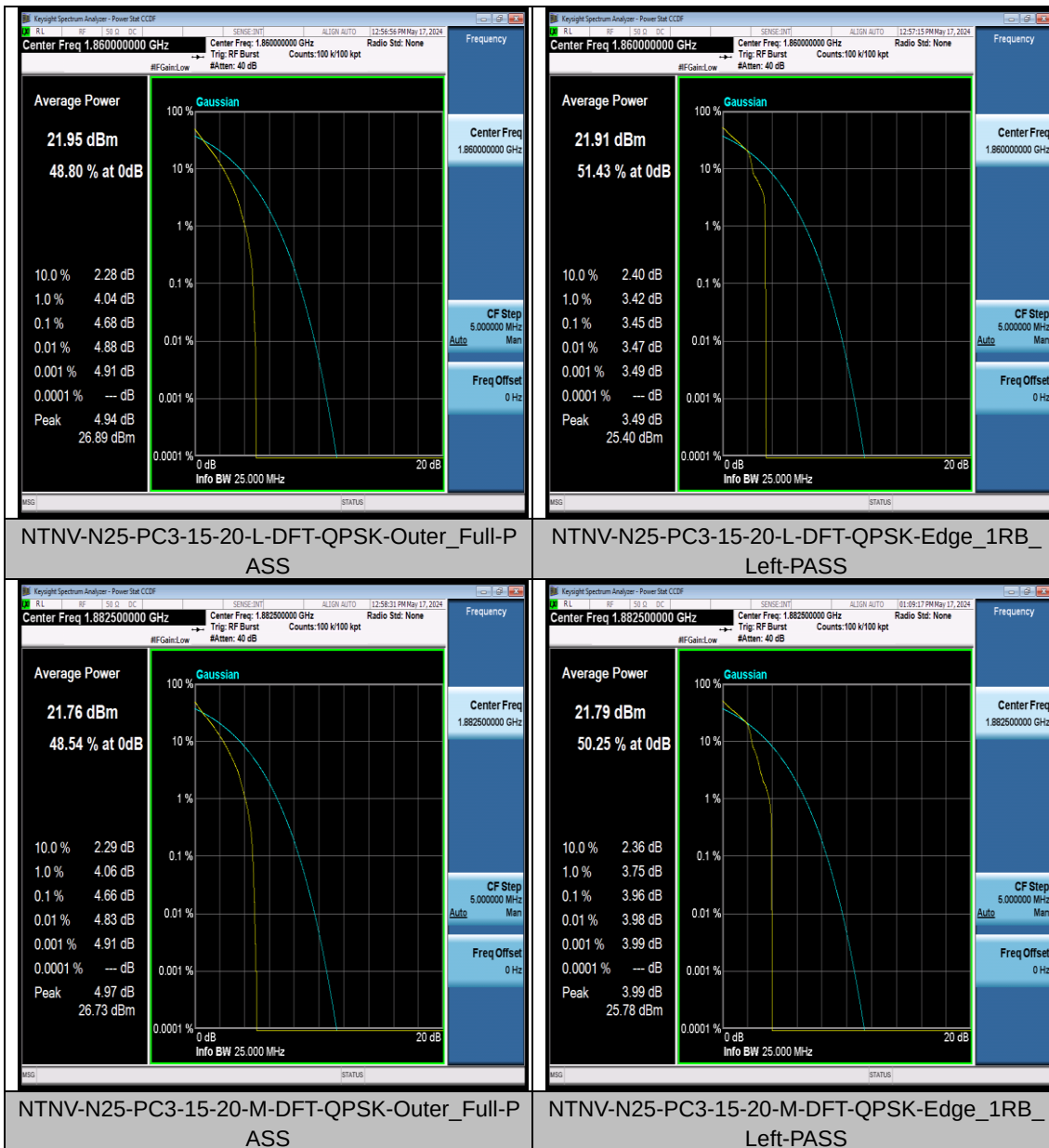
## N25 PEAK-TO-AVERAGE RATIO(CCDF)

### TEST RESULT

| Band | SCS | Bandwidth | Modulation | Channel | RB Config     | Result | Limit | Verdict |
|------|-----|-----------|------------|---------|---------------|--------|-------|---------|
| N25  | 15  | 20        | DFT-QPSK   | L       | Outer_Full    | 4.68   | ≤13   | PASS    |
| N25  | 15  | 20        | DFT-QPSK   | L       | Edge_1RB_Left | 3.45   | ≤13   | PASS    |
| N25  | 15  | 20        | DFT-QPSK   | M       | Outer_Full    | 4.66   | ≤13   | PASS    |
| N25  | 15  | 20        | DFT-QPSK   | M       | Edge_1RB_Left | 3.96   | ≤13   | PASS    |
| N25  | 15  | 20        | DFT-QPSK   | H       | Outer_Full    | 5.11   | ≤13   | PASS    |
| N25  | 15  | 20        | DFT-QPSK   | H       | Edge_1RB_Left | 4.29   | ≤13   | PASS    |



## TEST GRAPHS





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Reference No.: W7L-P24030018RF08

