



## Appendix A: Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config      | Power (dBm) | ERP (dBm) | Power Class | Verdict |
|------|-----|-----------|-------------|---------|----------------|-------------|-----------|-------------|---------|
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left  | 23.17       | 18.62     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Right | 23.08       | 18.53     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full     | 23.14       | 18.59     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Inner_Full     | 23.17       | 18.62     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left  | 23.18       | 18.63     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Right | 23.10       | 18.55     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Outer_Full     | 23.14       | 18.59     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Inner_Full     | 23.20       | 18.65     | PC3         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | L       | Edge_1RB_Left  | 21.12       | 16.57     | PC3         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | L       | Edge_1RB_Right | 21.05       | 16.50     | PC3         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | L       | Outer_Full     | 21.14       | 16.59     | PC3         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | L       | Inner_Full     | 22.61       | 18.06     | PC3         | PASS    |
| N71  | 15  | 5         | CP-16QAM    | L       | Edge_1RB_Left  | 21.02       | 16.47     | PC3         | PASS    |
| N71  | 15  | 5         | CP-16QAM    | L       | Edge_1RB_Right | 21.13       | 16.58     | PC3         | PASS    |
| N71  | 15  | 5         | CP-16QAM    | L       | Outer_Full     | 21.11       | 16.56     | PC3         | PASS    |
| N71  | 15  | 5         | CP-16QAM    | L       | Inner_Full     | 22.10       | 17.55     | PC3         | PASS    |
| N71  | 15  | 5         | CP-64QAM    | L       | Edge_1RB_Left  | 20.38       | 15.83     | PC3         | PASS    |
| N71  | 15  | 5         | CP-64QAM    | L       | Edge_1RB_Right | 20.47       | 15.92     | PC3         | PASS    |
| N71  | 15  | 5         | CP-64QAM    | L       | Outer_Full     | 20.62       | 16.07     | PC3         | PASS    |
| N71  | 15  | 5         | CP-64QAM    | L       | Inner_Full     | 20.62       | 16.07     | PC3         | PASS    |
| N71  | 15  | 5         | CP-256QAM   | L       | Edge_1RB_Left  | 17.55       | 13.00     | PC3         | PASS    |
| N71  | 15  | 5         | CP-256QAM   | L       | Edge_1RB_Right | 17.56       | 13.01     | PC3         | PASS    |
| N71  | 15  | 5         | CP-256QAM   | L       | Outer_Full     | 17.55       | 13.00     | PC3         | PASS    |
| N71  | 15  | 5         | CP-256QAM   | L       | Inner_Full     | 17.58       | 13.03     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Left  | 22.99       | 18.44     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Right | 22.83       | 18.28     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full     | 22.98       | 18.43     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Inner_Full     | 22.99       | 18.44     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Left  | 22.98       | 18.43     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Right | 22.86       | 18.31     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Outer_Full     | 23.00       | 18.45     | PC3         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Inner_Full     | 22.89       | 18.34     | PC3         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | M       | Edge_1RB_Left  | 20.96       | 16.41     | PC3         | PASS    |



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|-----|----|----|-------------|---|----------------|-------|-------|-----|------|
| N71 | 15 | 5  | CP-QPSK     | M | Edge_1RB_Right | 20.84 | 16.29 | PC3 | PASS |
| N71 | 15 | 5  | CP-QPSK     | M | Outer_Full     | 20.92 | 16.37 | PC3 | PASS |
| N71 | 15 | 5  | CP-QPSK     | M | Inner_Full     | 22.46 | 17.91 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | M | Edge_1RB_Left  | 20.85 | 16.30 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | M | Edge_1RB_Right | 20.77 | 16.22 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | M | Outer_Full     | 20.86 | 16.31 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | M | Inner_Full     | 21.97 | 17.42 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | M | Edge_1RB_Left  | 20.51 | 15.96 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | M | Edge_1RB_Right | 20.28 | 15.73 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | M | Outer_Full     | 20.45 | 15.90 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | M | Inner_Full     | 20.39 | 15.84 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | M | Edge_1RB_Left  | 17.18 | 12.63 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | M | Edge_1RB_Right | 17.09 | 12.54 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | M | Outer_Full     | 17.41 | 12.86 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | M | Inner_Full     | 17.50 | 12.95 | PC3 | PASS |
| N71 | 15 | 5  | DFT-PI2BPSK | H | Edge_1RB_Left  | 22.82 | 18.27 | PC3 | PASS |
| N71 | 15 | 5  | DFT-PI2BPSK | H | Edge_1RB_Right | 22.71 | 18.16 | PC3 | PASS |
| N71 | 15 | 5  | DFT-PI2BPSK | H | Outer_Full     | 22.86 | 18.31 | PC3 | PASS |
| N71 | 15 | 5  | DFT-PI2BPSK | H | Inner_Full     | 22.83 | 18.28 | PC3 | PASS |
| N71 | 15 | 5  | DFT-QPSK    | H | Edge_1RB_Left  | 22.80 | 18.25 | PC3 | PASS |
| N71 | 15 | 5  | DFT-QPSK    | H | Edge_1RB_Right | 22.73 | 18.18 | PC3 | PASS |
| N71 | 15 | 5  | DFT-QPSK    | H | Outer_Full     | 22.81 | 18.26 | PC3 | PASS |
| N71 | 15 | 5  | DFT-QPSK    | H | Inner_Full     | 22.86 | 18.31 | PC3 | PASS |
| N71 | 15 | 5  | CP-QPSK     | H | Edge_1RB_Left  | 20.71 | 16.16 | PC3 | PASS |
| N71 | 15 | 5  | CP-QPSK     | H | Edge_1RB_Right | 20.58 | 16.03 | PC3 | PASS |
| N71 | 15 | 5  | CP-QPSK     | H | Outer_Full     | 20.73 | 16.18 | PC3 | PASS |
| N71 | 15 | 5  | CP-QPSK     | H | Inner_Full     | 22.23 | 17.68 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | H | Edge_1RB_Left  | 21.21 | 16.66 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | H | Edge_1RB_Right | 21.14 | 16.59 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | H | Outer_Full     | 20.73 | 16.18 | PC3 | PASS |
| N71 | 15 | 5  | CP-16QAM    | H | Inner_Full     | 22.00 | 17.45 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | H | Edge_1RB_Left  | 19.89 | 15.34 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | H | Edge_1RB_Right | 19.88 | 15.33 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | H | Outer_Full     | 20.33 | 15.78 | PC3 | PASS |
| N71 | 15 | 5  | CP-64QAM    | H | Inner_Full     | 20.21 | 15.66 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | H | Edge_1RB_Left  | 17.04 | 12.49 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | H | Edge_1RB_Right | 17.16 | 12.61 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | H | Outer_Full     | 17.25 | 12.70 | PC3 | PASS |
| N71 | 15 | 5  | CP-256QAM   | H | Inner_Full     | 17.33 | 12.78 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | L | Edge_1RB_Left  | 23.12 | 18.57 | PC3 | PASS |



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|-----|----|----|-------------|---|----------------|-------|-------|-----|------|
| N71 | 15 | 10 | DFT-PI2BPSK | L | Edge_1RB_Right | 23.03 | 18.48 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full     | 23.05 | 18.50 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | L | Inner_Full     | 23.08 | 18.53 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | L | Edge_1RB_Left  | 23.15 | 18.60 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | L | Edge_1RB_Right | 23.01 | 18.46 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | L | Outer_Full     | 23.07 | 18.52 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | L | Inner_Full     | 23.07 | 18.52 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | L | Edge_1RB_Left  | 21.04 | 16.49 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | L | Edge_1RB_Right | 20.93 | 16.38 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | L | Outer_Full     | 21.00 | 16.45 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | L | Inner_Full     | 22.56 | 18.01 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | L | Edge_1RB_Left  | 21.61 | 17.06 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | L | Edge_1RB_Right | 21.41 | 16.86 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | L | Outer_Full     | 21.00 | 16.45 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | L | Inner_Full     | 22.15 | 17.60 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | L | Edge_1RB_Left  | 20.31 | 15.76 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | L | Edge_1RB_Right | 20.13 | 15.58 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | L | Outer_Full     | 20.54 | 15.99 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | L | Inner_Full     | 20.56 | 16.01 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | L | Edge_1RB_Left  | 17.31 | 12.76 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | L | Edge_1RB_Right | 17.22 | 12.67 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | L | Outer_Full     | 17.46 | 12.91 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | L | Inner_Full     | 17.50 | 12.95 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | M | Edge_1RB_Left  | 23.12 | 18.57 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | M | Edge_1RB_Right | 22.94 | 18.39 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full     | 22.96 | 18.41 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | M | Inner_Full     | 22.96 | 18.41 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | M | Edge_1RB_Left  | 23.07 | 18.52 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | M | Edge_1RB_Right | 22.98 | 18.43 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | M | Outer_Full     | 22.98 | 18.43 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | M | Inner_Full     | 22.96 | 18.41 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | M | Edge_1RB_Left  | 21.02 | 16.47 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | M | Edge_1RB_Right | 20.86 | 16.31 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | M | Outer_Full     | 20.92 | 16.37 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | M | Inner_Full     | 22.42 | 17.87 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | M | Edge_1RB_Left  | 21.55 | 17.00 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | M | Edge_1RB_Right | 21.37 | 16.82 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | M | Outer_Full     | 20.93 | 16.38 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | M | Inner_Full     | 22.01 | 17.46 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | M | Edge_1RB_Left  | 20.20 | 15.65 | PC3 | PASS |



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|-----|----|----|-------------|---|----------------|-------|-------|-----|------|
| N71 | 15 | 10 | CP-64QAM    | M | Edge_1RB_Right | 20.08 | 15.53 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | M | Outer_Full     | 20.47 | 15.92 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | M | Inner_Full     | 20.45 | 15.90 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | M | Edge_1RB_Left  | 17.30 | 12.75 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | M | Edge_1RB_Right | 17.15 | 12.60 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | M | Outer_Full     | 17.36 | 12.81 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | M | Inner_Full     | 17.41 | 12.86 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | H | Edge_1RB_Left  | 22.81 | 18.26 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | H | Edge_1RB_Right | 22.74 | 18.19 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full     | 22.78 | 18.23 | PC3 | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | H | Inner_Full     | 22.81 | 18.26 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | H | Edge_1RB_Left  | 22.79 | 18.24 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | H | Edge_1RB_Right | 22.78 | 18.23 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | H | Outer_Full     | 22.71 | 18.16 | PC3 | PASS |
| N71 | 15 | 10 | DFT-QPSK    | H | Inner_Full     | 22.77 | 18.22 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | H | Edge_1RB_Left  | 20.75 | 16.20 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | H | Edge_1RB_Right | 20.66 | 16.11 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | H | Outer_Full     | 20.69 | 16.14 | PC3 | PASS |
| N71 | 15 | 10 | CP-QPSK     | H | Inner_Full     | 22.21 | 17.66 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | H | Edge_1RB_Left  | 21.25 | 16.70 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | H | Edge_1RB_Right | 21.21 | 16.66 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | H | Outer_Full     | 20.69 | 16.14 | PC3 | PASS |
| N71 | 15 | 10 | CP-16QAM    | H | Inner_Full     | 21.81 | 17.26 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | H | Edge_1RB_Left  | 20.05 | 15.50 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | H | Edge_1RB_Right | 19.90 | 15.35 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | H | Outer_Full     | 20.29 | 15.74 | PC3 | PASS |
| N71 | 15 | 10 | CP-64QAM    | H | Inner_Full     | 20.22 | 15.67 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | H | Edge_1RB_Left  | 17.09 | 12.54 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | H | Edge_1RB_Right | 17.00 | 12.45 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | H | Outer_Full     | 17.20 | 12.65 | PC3 | PASS |
| N71 | 15 | 10 | CP-256QAM   | H | Inner_Full     | 17.18 | 12.63 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Left  | 23.28 | 18.73 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Right | 23.06 | 18.51 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full     | 23.16 | 18.61 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Inner_Full     | 23.19 | 18.64 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Left  | 23.28 | 18.73 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Right | 23.07 | 18.52 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Outer_Full     | 23.17 | 18.62 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Inner_Full     | 23.22 | 18.67 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | L | Edge_1RB_Left  | 21.34 | 16.79 | PC3 | PASS |



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|-----|----|----|-------------|---|----------------|-------|-------|-----|------|
| N71 | 15 | 15 | CP-QPSK     | L | Edge_1RB_Right | 20.98 | 16.43 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | L | Outer_Full     | 21.11 | 16.56 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | L | Inner_Full     | 22.68 | 18.13 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | L | Edge_1RB_Left  | 21.72 | 17.17 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | L | Edge_1RB_Right | 21.54 | 16.99 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | L | Outer_Full     | 21.14 | 16.59 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | L | Inner_Full     | 22.18 | 17.63 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | L | Edge_1RB_Left  | 20.48 | 15.93 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | L | Edge_1RB_Right | 20.25 | 15.70 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | L | Outer_Full     | 20.58 | 16.03 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | L | Inner_Full     | 20.69 | 16.14 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | L | Edge_1RB_Left  | 17.78 | 13.23 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | L | Edge_1RB_Right | 17.42 | 12.87 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | L | Outer_Full     | 17.58 | 13.03 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | L | Inner_Full     | 17.61 | 13.06 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Left  | 23.30 | 18.75 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Right | 22.98 | 18.43 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full     | 23.10 | 18.55 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Inner_Full     | 23.09 | 18.54 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Left  | 23.24 | 18.69 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Right | 22.92 | 18.37 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Outer_Full     | 23.08 | 18.53 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Inner_Full     | 23.09 | 18.54 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | M | Edge_1RB_Left  | 21.20 | 16.65 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | M | Edge_1RB_Right | 20.83 | 16.28 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | M | Outer_Full     | 21.00 | 16.45 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | M | Inner_Full     | 22.56 | 18.01 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | M | Edge_1RB_Left  | 21.75 | 17.20 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | M | Edge_1RB_Right | 21.38 | 16.83 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | M | Outer_Full     | 21.03 | 16.48 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | M | Inner_Full     | 22.10 | 17.55 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | M | Edge_1RB_Left  | 20.37 | 15.82 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | M | Edge_1RB_Right | 20.09 | 15.54 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | M | Outer_Full     | 20.52 | 15.97 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | M | Inner_Full     | 20.60 | 16.05 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | M | Edge_1RB_Left  | 17.54 | 12.99 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | M | Edge_1RB_Right | 17.23 | 12.68 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | M | Outer_Full     | 17.47 | 12.92 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | M | Inner_Full     | 17.50 | 12.95 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Left  | 22.97 | 18.42 | PC3 | PASS |



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|     |    |    |             |   |                |       |       |     |      |
|-----|----|----|-------------|---|----------------|-------|-------|-----|------|
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Right | 22.82 | 18.27 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full     | 22.82 | 18.27 | PC3 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Inner_Full     | 22.81 | 18.26 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Left  | 22.99 | 18.44 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Right | 22.78 | 18.23 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Outer_Full     | 22.82 | 18.27 | PC3 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Inner_Full     | 22.82 | 18.27 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | H | Edge_1RB_Left  | 20.90 | 16.35 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | H | Edge_1RB_Right | 20.68 | 16.13 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | H | Outer_Full     | 20.73 | 16.18 | PC3 | PASS |
| N71 | 15 | 15 | CP-QPSK     | H | Inner_Full     | 22.32 | 17.77 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | H | Edge_1RB_Left  | 21.35 | 16.80 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | H | Edge_1RB_Right | 21.28 | 16.73 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | H | Outer_Full     | 20.73 | 16.18 | PC3 | PASS |
| N71 | 15 | 15 | CP-16QAM    | H | Inner_Full     | 21.81 | 17.26 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | H | Edge_1RB_Left  | 20.18 | 15.63 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | H | Edge_1RB_Right | 20.02 | 15.47 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | H | Outer_Full     | 20.36 | 15.81 | PC3 | PASS |
| N71 | 15 | 15 | CP-64QAM    | H | Inner_Full     | 20.38 | 15.83 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | H | Edge_1RB_Left  | 17.22 | 12.67 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | H | Edge_1RB_Right | 17.10 | 12.55 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | H | Outer_Full     | 17.27 | 12.72 | PC3 | PASS |
| N71 | 15 | 15 | CP-256QAM   | H | Inner_Full     | 17.31 | 12.76 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Left  | 23.37 | 18.82 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Right | 22.92 | 18.37 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full     | 23.20 | 18.65 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Inner_Full     | 23.10 | 18.55 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Left  | 23.40 | 18.85 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Right | 22.95 | 18.40 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full     | 23.12 | 18.57 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Inner_Full     | 23.10 | 18.55 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | L | Edge_1RB_Left  | 21.31 | 16.76 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | L | Edge_1RB_Right | 20.88 | 16.33 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | L | Outer_Full     | 21.15 | 16.60 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | L | Inner_Full     | 22.73 | 18.18 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | L | Edge_1RB_Left  | 21.76 | 17.21 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | L | Edge_1RB_Right | 21.37 | 16.82 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | L | Outer_Full     | 21.19 | 16.64 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | L | Inner_Full     | 22.22 | 17.67 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM    | L | Edge_1RB_Left  | 20.62 | 16.07 | PC3 | PASS |



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|-----|----|----|-------------|---|----------------|-------|-------|-----|------|
| N71 | 15 | 20 | CP-64QAM    | L | Edge_1RB_Right | 20.20 | 15.65 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM    | L | Outer_Full     | 20.65 | 16.10 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM    | L | Inner_Full     | 20.72 | 16.17 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | L | Edge_1RB_Left  | 17.72 | 13.17 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | L | Edge_1RB_Right | 17.43 | 12.88 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | L | Outer_Full     | 17.62 | 13.07 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | L | Inner_Full     | 17.62 | 13.07 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Left  | 23.31 | 18.76 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Right | 23.00 | 18.45 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full     | 23.08 | 18.53 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Inner_Full     | 23.11 | 18.56 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Left  | 23.34 | 18.79 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Right | 22.92 | 18.37 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full     | 23.09 | 18.54 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Inner_Full     | 23.05 | 18.50 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | M | Edge_1RB_Left  | 21.22 | 16.67 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | M | Edge_1RB_Right | 20.81 | 16.26 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | M | Outer_Full     | 21.04 | 16.49 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | M | Inner_Full     | 22.61 | 18.06 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | M | Edge_1RB_Left  | 21.77 | 17.22 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | M | Edge_1RB_Right | 21.34 | 16.79 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | M | Outer_Full     | 21.08 | 16.53 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM    | M | Inner_Full     | 22.06 | 17.51 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM    | M | Edge_1RB_Left  | 20.51 | 15.96 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM    | M | Edge_1RB_Right | 20.21 | 15.66 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM    | M | Outer_Full     | 20.56 | 16.01 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM    | M | Inner_Full     | 20.56 | 16.01 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | M | Edge_1RB_Left  | 17.55 | 13.00 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | M | Edge_1RB_Right | 17.48 | 12.93 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | M | Outer_Full     | 17.54 | 12.99 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM   | M | Inner_Full     | 17.49 | 12.94 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Left  | 23.18 | 18.63 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Right | 22.92 | 18.37 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full     | 22.94 | 18.39 | PC3 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Inner_Full     | 22.96 | 18.41 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Left  | 23.18 | 18.63 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Right | 22.90 | 18.35 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full     | 23.01 | 18.46 | PC3 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Inner_Full     | 22.98 | 18.43 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK     | H | Edge_1RB_Left  | 21.01 | 16.46 | PC3 | PASS |



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|-----|----|----|-----------|---|----------------|-------|-------|-----|------|
| N71 | 15 | 20 | CP-QPSK   | H | Edge_1RB_Right | 20.84 | 16.29 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK   | H | Outer_Full     | 20.94 | 16.39 | PC3 | PASS |
| N71 | 15 | 20 | CP-QPSK   | H | Inner_Full     | 22.47 | 17.92 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM  | H | Edge_1RB_Left  | 21.51 | 16.96 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM  | H | Edge_1RB_Right | 21.37 | 16.82 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM  | H | Outer_Full     | 20.98 | 16.43 | PC3 | PASS |
| N71 | 15 | 20 | CP-16QAM  | H | Inner_Full     | 21.97 | 17.42 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM  | H | Edge_1RB_Left  | 20.31 | 15.76 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM  | H | Edge_1RB_Right | 20.16 | 15.61 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM  | H | Outer_Full     | 20.44 | 15.89 | PC3 | PASS |
| N71 | 15 | 20 | CP-64QAM  | H | Inner_Full     | 20.48 | 15.93 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM | H | Edge_1RB_Left  | 17.33 | 12.78 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM | H | Edge_1RB_Right | 17.42 | 12.87 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM | H | Outer_Full     | 17.45 | 12.90 | PC3 | PASS |
| N71 | 15 | 20 | CP-256QAM | H | Inner_Full     | 17.38 | 12.83 | PC3 | PASS |



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

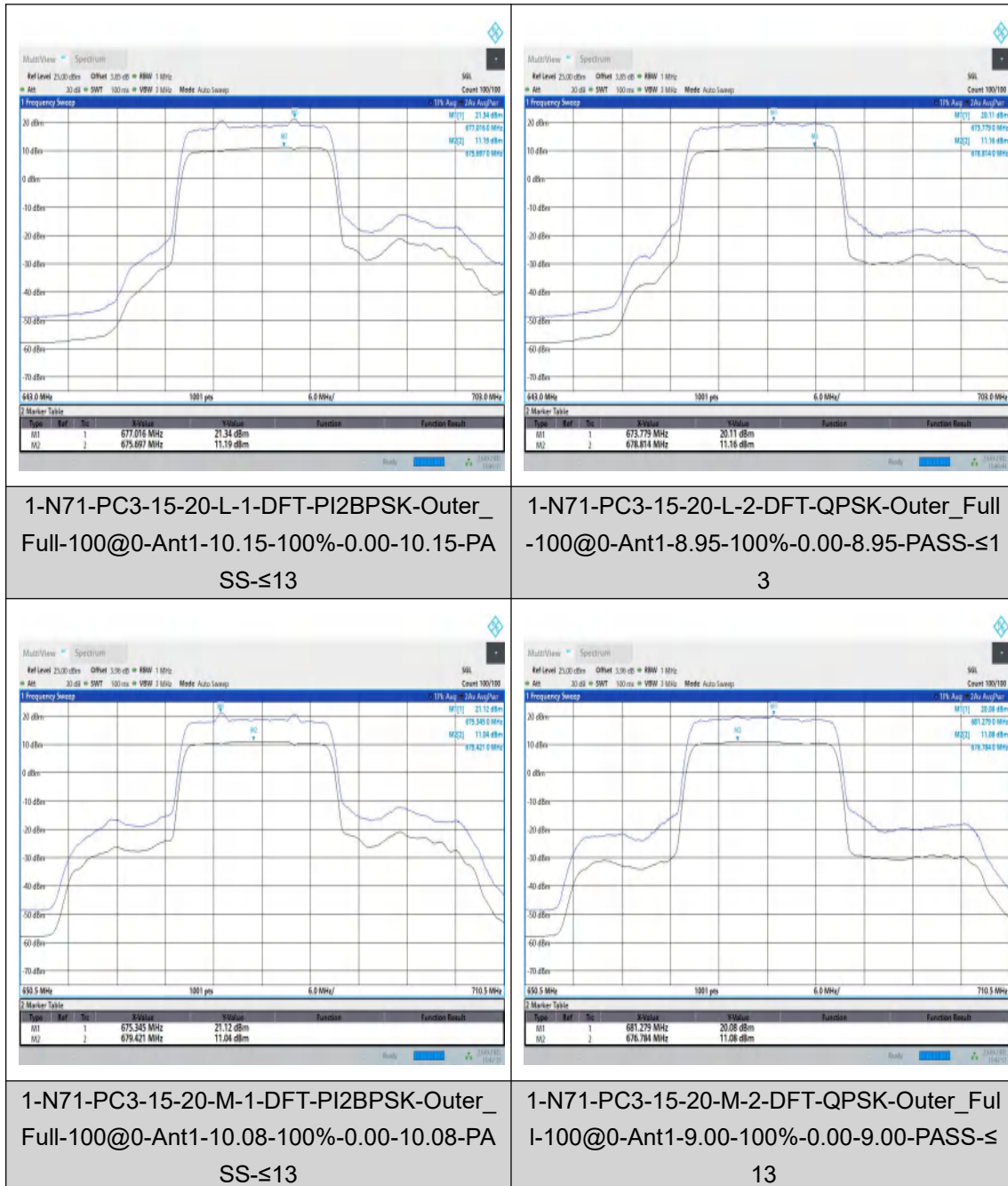
### Peak-to-Average Ratio(PAPR)

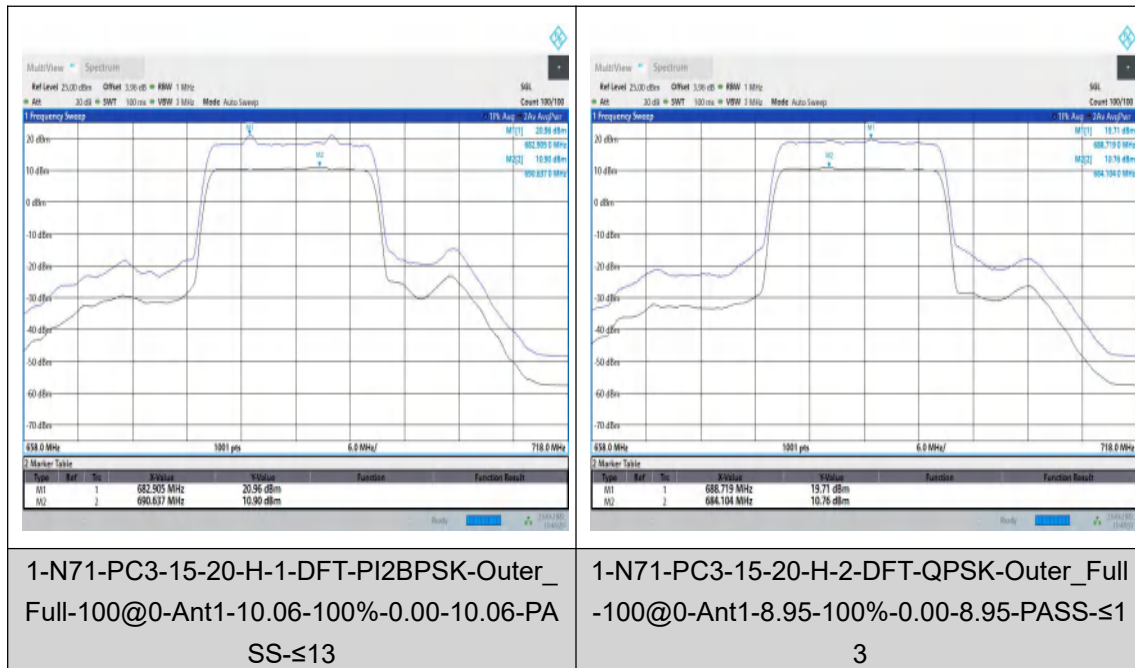
#### Test Result

| Band | SCS | Bandwidth<br>h | Modulation  | Channel | RB Config  | Result | Limit | Verdict |
|------|-----|----------------|-------------|---------|------------|--------|-------|---------|
| N71  | 15  | 20             | DFT-PI2BPSK | L       | Outer_Full | 10.15  | ≤13   | PASS    |
| N71  | 15  | 20             | DFT-QPSK    | L       | Outer_Full | 8.95   | ≤13   | PASS    |
| N71  | 15  | 20             | DFT-PI2BPSK | M       | Outer_Full | 10.08  | ≤13   | PASS    |
| N71  | 15  | 20             | DFT-QPSK    | M       | Outer_Full | 9.00   | ≤13   | PASS    |
| N71  | 15  | 20             | DFT-PI2BPSK | H       | Outer_Full | 10.06  | ≤13   | PASS    |
| N71  | 15  | 20             | DFT-QPSK    | H       | Outer_Full | 8.95   | ≤13   | PASS    |



## Test Graphs







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

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N71  | 15  | 5         | DFT-QPSK    | L       | Outer_Full | 4.483        | 4.920         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full | 4.486        | 5.030         | PASS    |
| N71  | 15  | 5         | DFT-16QAM   | L       | Outer_Full | 4.473        | 5.000         | PASS    |
| N71  | 15  | 5         | DFT-64QAM   | L       | Outer_Full | 4.468        | 5.020         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | L       | Outer_Full | 4.463        | 5.010         | PASS    |
| N71  | 15  | 5         | CP-16QAM    | L       | Outer_Full | 4.469        | 4.950         | PASS    |
| N71  | 15  | 5         | CP-64QAM    | L       | Outer_Full | 4.47         | 5.130         | PASS    |
| N71  | 15  | 5         | CP-256QAM   | L       | Outer_Full | 4.483        | 5.130         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Outer_Full | 4.495        | 4.950         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full | 4.466        | 5.020         | PASS    |
| N71  | 15  | 5         | DFT-16QAM   | M       | Outer_Full | 4.476        | 5.020         | PASS    |
| N71  | 15  | 5         | DFT-64QAM   | M       | Outer_Full | 4.481        | 5.130         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | M       | Outer_Full | 4.476        | 4.970         | PASS    |
| N71  | 15  | 5         | CP-16QAM    | M       | Outer_Full | 4.47         | 4.930         | PASS    |
| N71  | 15  | 5         | CP-64QAM    | M       | Outer_Full | 4.475        | 5.120         | PASS    |
| N71  | 15  | 5         | CP-256QAM   | M       | Outer_Full | 4.487        | 5.030         | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | H       | Outer_Full | 4.482        | 5.050         | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Outer_Full | 4.482        | 5.010         | PASS    |
| N71  | 15  | 5         | DFT-16QAM   | H       | Outer_Full | 4.471        | 4.940         | PASS    |
| N71  | 15  | 5         | DFT-64QAM   | H       | Outer_Full | 4.476        | 5.030         | PASS    |
| N71  | 15  | 5         | CP-QPSK     | H       | Outer_Full | 4.463        | 5.060         | PASS    |
| N71  | 15  | 5         | CP-16QAM    | H       | Outer_Full | 4.462        | 4.930         | PASS    |
| N71  | 15  | 5         | CP-64QAM    | H       | Outer_Full | 4.481        | 5.020         | PASS    |
| N71  | 15  | 5         | CP-256QAM   | H       | Outer_Full | 4.483        | 5.040         | PASS    |
| N71  | 15  | 10        | DFT-QPSK    | L       | Outer_Full | 8.928        | 9.640         | PASS    |
| N71  | 15  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.914        | 9.580         | PASS    |
| N71  | 15  | 10        | DFT-16QAM   | L       | Outer_Full | 8.955        | 9.640         | PASS    |
| N71  | 15  | 10        | DFT-64QAM   | L       | Outer_Full | 8.948        | 9.760         | PASS    |
| N71  | 15  | 10        | CP-QPSK     | L       | Outer_Full | 9.289        | 10.100        | PASS    |
| N71  | 15  | 10        | CP-16QAM    | L       | Outer_Full | 9.279        | 9.880         | PASS    |
| N71  | 15  | 10        | CP-64QAM    | L       | Outer_Full | 9.285        | 9.940         | PASS    |
| N71  | 15  | 10        | CP-256QAM   | L       | Outer_Full | 9.29         | 9.980         | PASS    |



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|     |    |    |             |   |            |        |        |      |
|-----|----|----|-------------|---|------------|--------|--------|------|
| N71 | 15 | 10 | DFT-QPSK    | M | Outer_Full | 8.914  | 9.680  | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.923  | 9.600  | PASS |
| N71 | 15 | 10 | DFT-16QAM   | M | Outer_Full | 8.929  | 9.520  | PASS |
| N71 | 15 | 10 | DFT-64QAM   | M | Outer_Full | 8.949  | 9.680  | PASS |
| N71 | 15 | 10 | CP-QPSK     | M | Outer_Full | 9.283  | 10.020 | PASS |
| N71 | 15 | 10 | CP-16QAM    | M | Outer_Full | 9.286  | 10.020 | PASS |
| N71 | 15 | 10 | CP-64QAM    | M | Outer_Full | 9.275  | 10.020 | PASS |
| N71 | 15 | 10 | CP-256QAM   | M | Outer_Full | 9.27   | 9.980  | PASS |
| N71 | 15 | 10 | DFT-QPSK    | H | Outer_Full | 8.931  | 9.520  | PASS |
| N71 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.919  | 9.600  | PASS |
| N71 | 15 | 10 | DFT-16QAM   | H | Outer_Full | 8.928  | 9.520  | PASS |
| N71 | 15 | 10 | DFT-64QAM   | H | Outer_Full | 8.94   | 9.800  | PASS |
| N71 | 15 | 10 | CP-QPSK     | H | Outer_Full | 9.289  | 10.020 | PASS |
| N71 | 15 | 10 | CP-16QAM    | H | Outer_Full | 9.282  | 10.060 | PASS |
| N71 | 15 | 10 | CP-64QAM    | H | Outer_Full | 9.281  | 10.040 | PASS |
| N71 | 15 | 10 | CP-256QAM   | H | Outer_Full | 9.288  | 9.940  | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Outer_Full | 13.448 | 14.280 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.426 | 14.310 | PASS |
| N71 | 15 | 15 | DFT-16QAM   | L | Outer_Full | 13.439 | 14.340 | PASS |
| N71 | 15 | 15 | DFT-64QAM   | L | Outer_Full | 13.413 | 14.130 | PASS |
| N71 | 15 | 15 | CP-QPSK     | L | Outer_Full | 14.097 | 14.940 | PASS |
| N71 | 15 | 15 | CP-16QAM    | L | Outer_Full | 14.036 | 15.030 | PASS |
| N71 | 15 | 15 | CP-64QAM    | L | Outer_Full | 14.115 | 15.030 | PASS |
| N71 | 15 | 15 | CP-256QAM   | L | Outer_Full | 14.134 | 14.970 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Outer_Full | 13.456 | 14.310 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.437 | 14.160 | PASS |
| N71 | 15 | 15 | DFT-16QAM   | M | Outer_Full | 13.418 | 14.280 | PASS |
| N71 | 15 | 15 | DFT-64QAM   | M | Outer_Full | 13.429 | 14.430 | PASS |
| N71 | 15 | 15 | CP-QPSK     | M | Outer_Full | 14.104 | 14.910 | PASS |
| N71 | 15 | 15 | CP-16QAM    | M | Outer_Full | 14.086 | 14.970 | PASS |
| N71 | 15 | 15 | CP-64QAM    | M | Outer_Full | 14.133 | 15.000 | PASS |
| N71 | 15 | 15 | CP-256QAM   | M | Outer_Full | 14.118 | 14.970 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Outer_Full | 13.488 | 14.310 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.442 | 14.220 | PASS |
| N71 | 15 | 15 | DFT-16QAM   | H | Outer_Full | 13.435 | 14.400 | PASS |
| N71 | 15 | 15 | DFT-64QAM   | H | Outer_Full | 13.443 | 14.160 | PASS |
| N71 | 15 | 15 | CP-QPSK     | H | Outer_Full | 14.108 | 15.120 | PASS |
| N71 | 15 | 15 | CP-16QAM    | H | Outer_Full | 14.072 | 15.000 | PASS |
| N71 | 15 | 15 | CP-64QAM    | H | Outer_Full | 14.137 | 15.030 | PASS |
| N71 | 15 | 15 | CP-256QAM   | H | Outer_Full | 14.132 | 14.940 | PASS |



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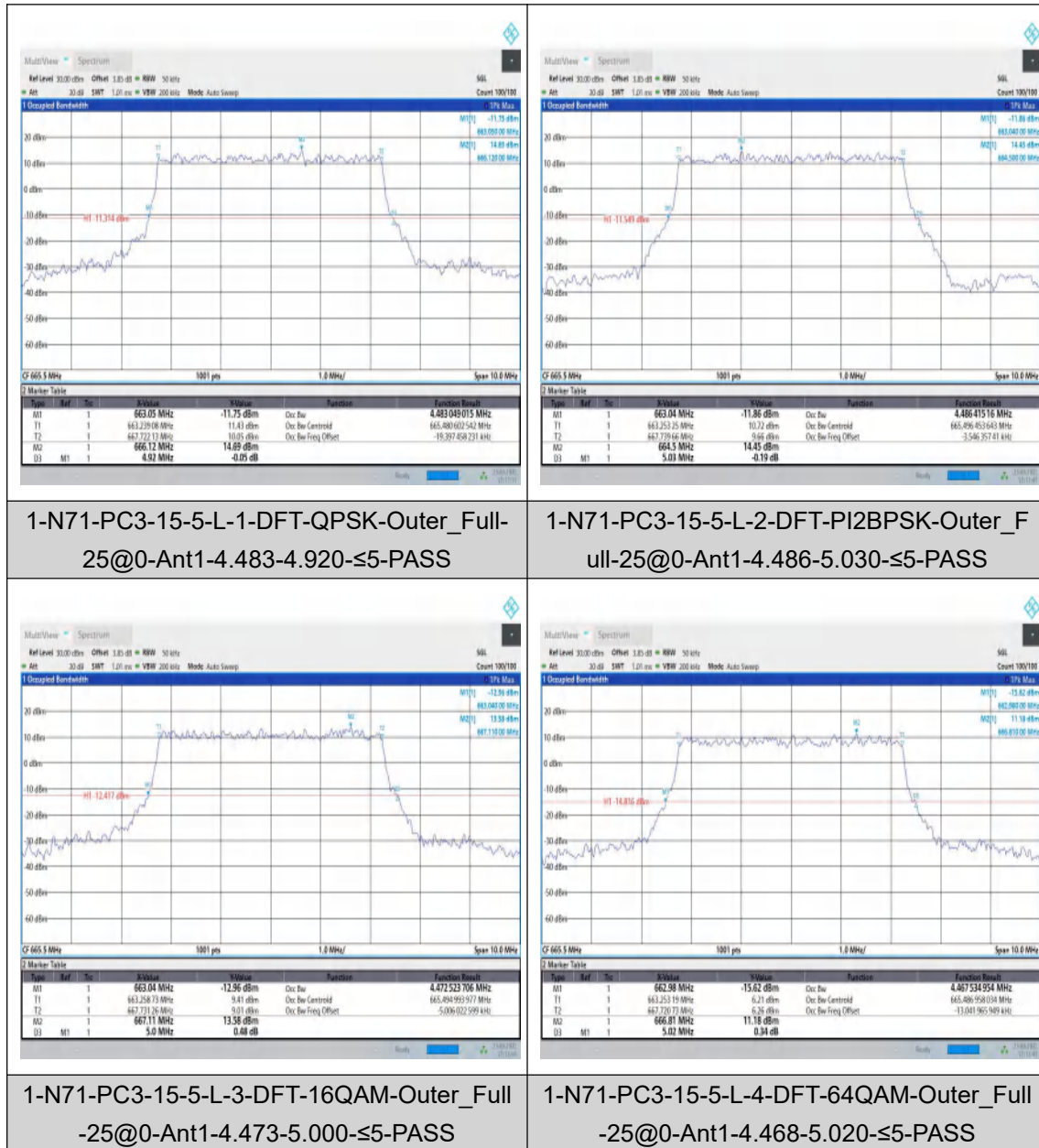
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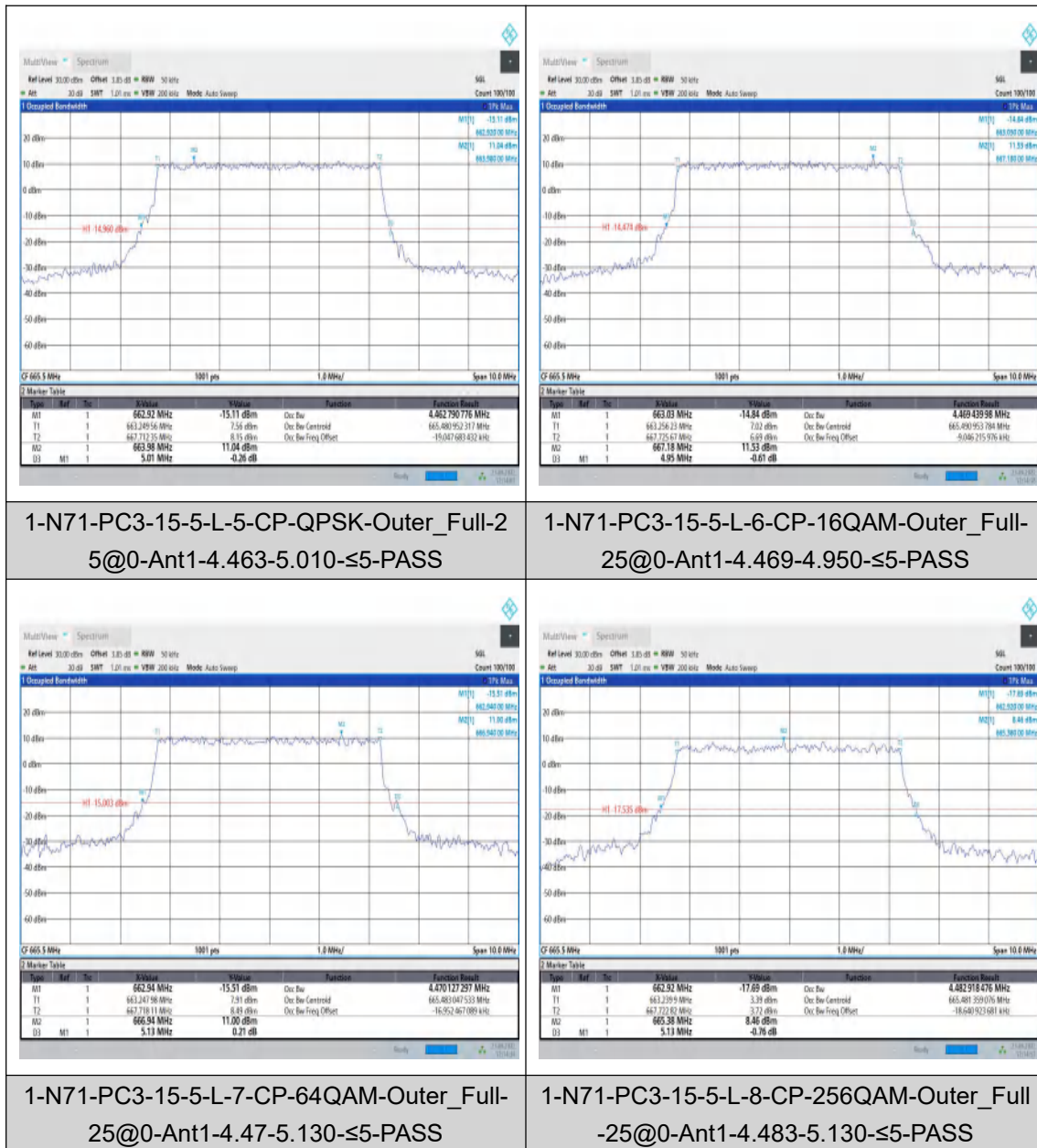
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|     |    |    |             |   |            |        |        |      |
|-----|----|----|-------------|---|------------|--------|--------|------|
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | 17.842 | 18.720 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.843 | 18.720 | PASS |
| N71 | 15 | 20 | DFT-16QAM   | L | Outer_Full | 17.88  | 18.800 | PASS |
| N71 | 15 | 20 | DFT-64QAM   | L | Outer_Full | 17.822 | 18.680 | PASS |
| N71 | 15 | 20 | CP-QPSK     | L | Outer_Full | 18.928 | 19.920 | PASS |
| N71 | 15 | 20 | CP-16QAM    | L | Outer_Full | 18.866 | 19.840 | PASS |
| N71 | 15 | 20 | CP-64QAM    | L | Outer_Full | 18.889 | 19.880 | PASS |
| N71 | 15 | 20 | CP-256QAM   | L | Outer_Full | 18.859 | 19.760 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | 17.852 | 18.720 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.869 | 18.720 | PASS |
| N71 | 15 | 20 | DFT-16QAM   | M | Outer_Full | 17.86  | 18.720 | PASS |
| N71 | 15 | 20 | DFT-64QAM   | M | Outer_Full | 17.858 | 18.800 | PASS |
| N71 | 15 | 20 | CP-QPSK     | M | Outer_Full | 18.886 | 20.000 | PASS |
| N71 | 15 | 20 | CP-16QAM    | M | Outer_Full | 18.85  | 19.880 | PASS |
| N71 | 15 | 20 | CP-64QAM    | M | Outer_Full | 18.921 | 20.040 | PASS |
| N71 | 15 | 20 | CP-256QAM   | M | Outer_Full | 18.889 | 19.720 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | 17.87  | 18.760 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.885 | 18.840 | PASS |
| N71 | 15 | 20 | DFT-16QAM   | H | Outer_Full | 17.879 | 19.080 | PASS |
| N71 | 15 | 20 | DFT-64QAM   | H | Outer_Full | 17.87  | 18.800 | PASS |
| N71 | 15 | 20 | CP-QPSK     | H | Outer_Full | 18.912 | 19.960 | PASS |
| N71 | 15 | 20 | CP-16QAM    | H | Outer_Full | 18.895 | 19.920 | PASS |
| N71 | 15 | 20 | CP-64QAM    | H | Outer_Full | 18.912 | 19.880 | PASS |
| N71 | 15 | 20 | CP-256QAM   | H | Outer_Full | 18.874 | 19.960 | PASS |



## Test Graphs



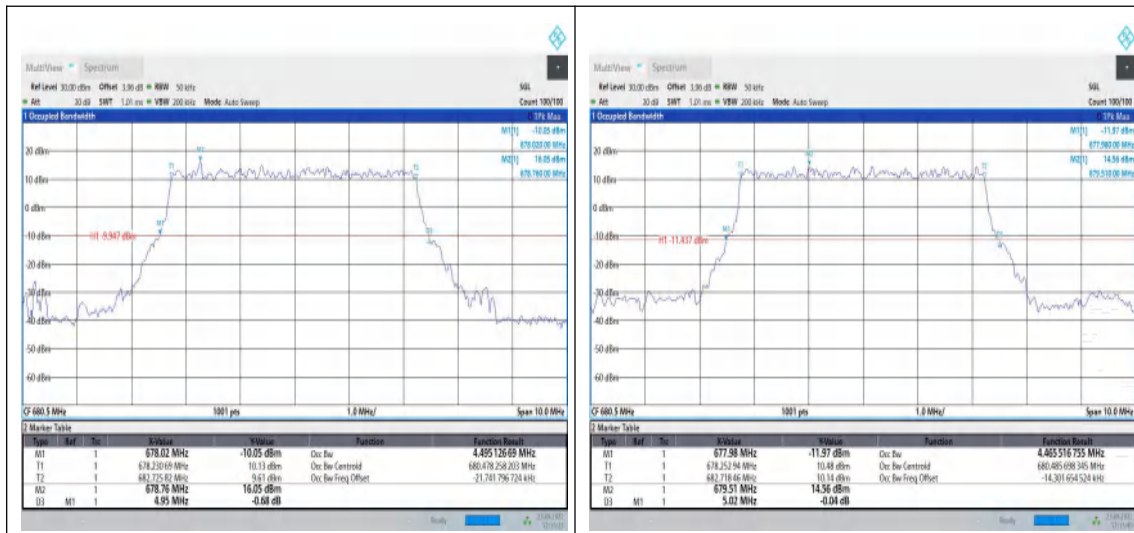




# CVC Testing Technology Co., Ltd.

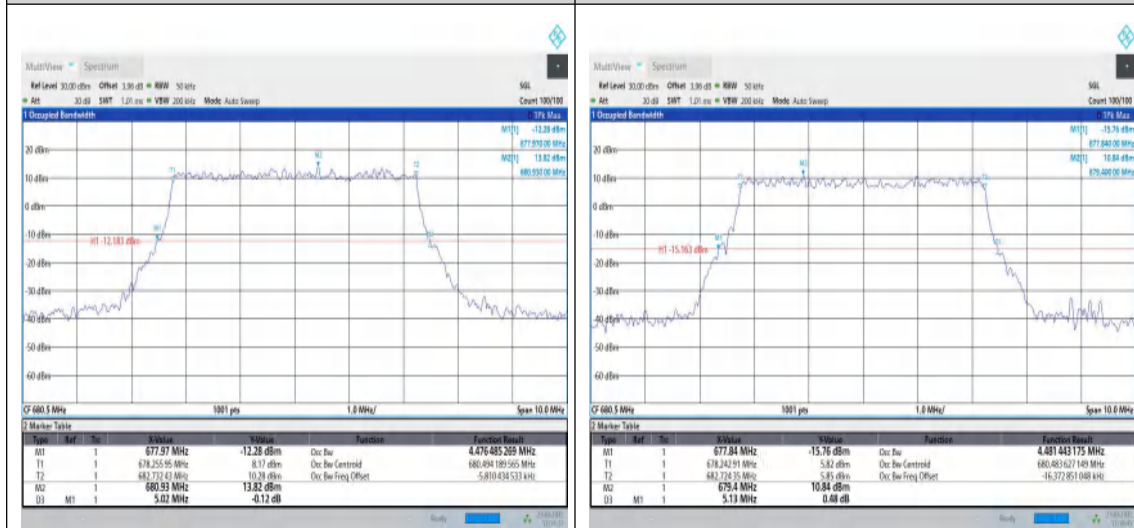
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1-N71-PC3-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.495-4.950-≤5-PASS

1-N71-PC3-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.466-5.020-≤5-PASS



1-N71-PC3-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.476-5.020-≤5-PASS

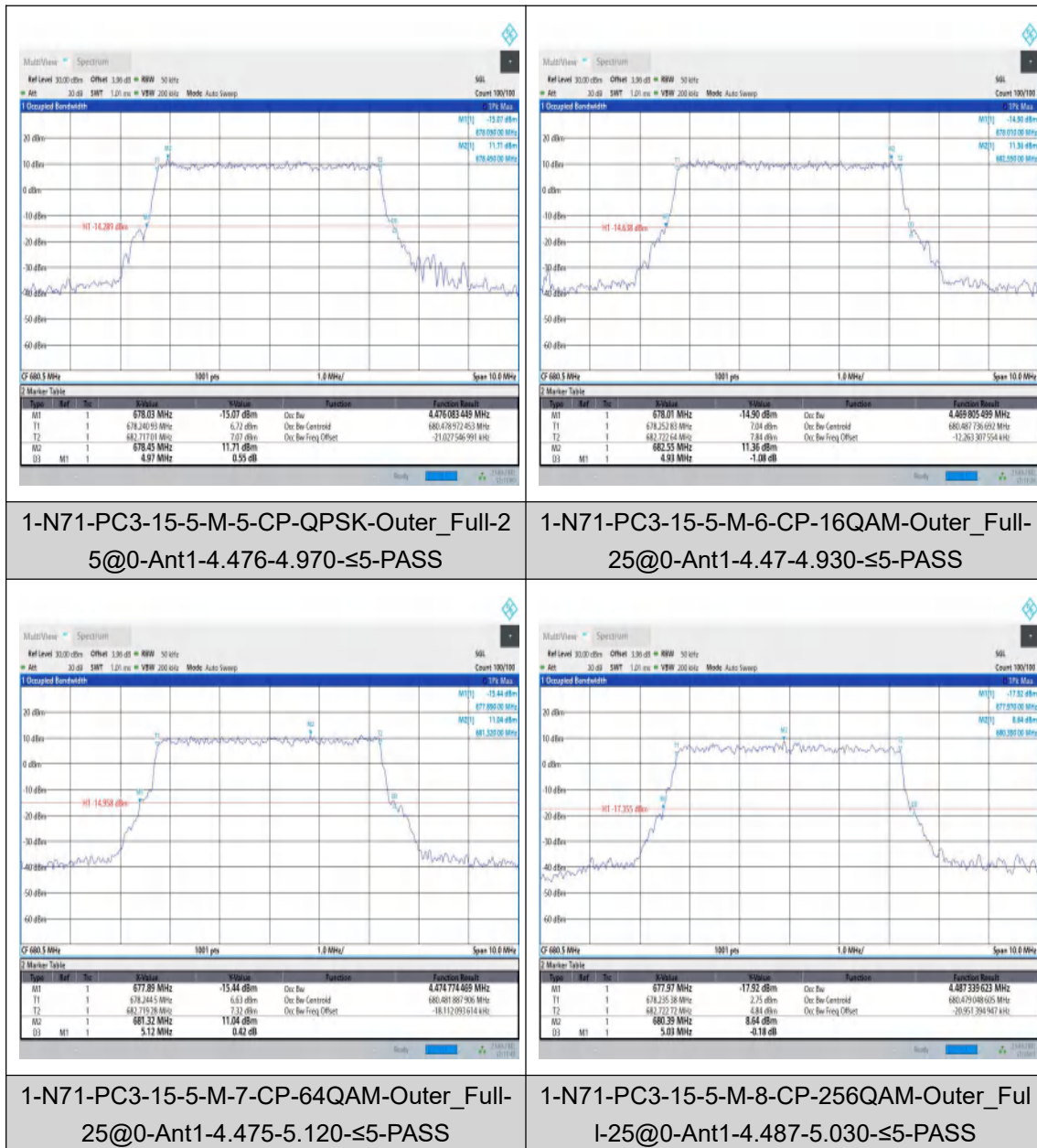
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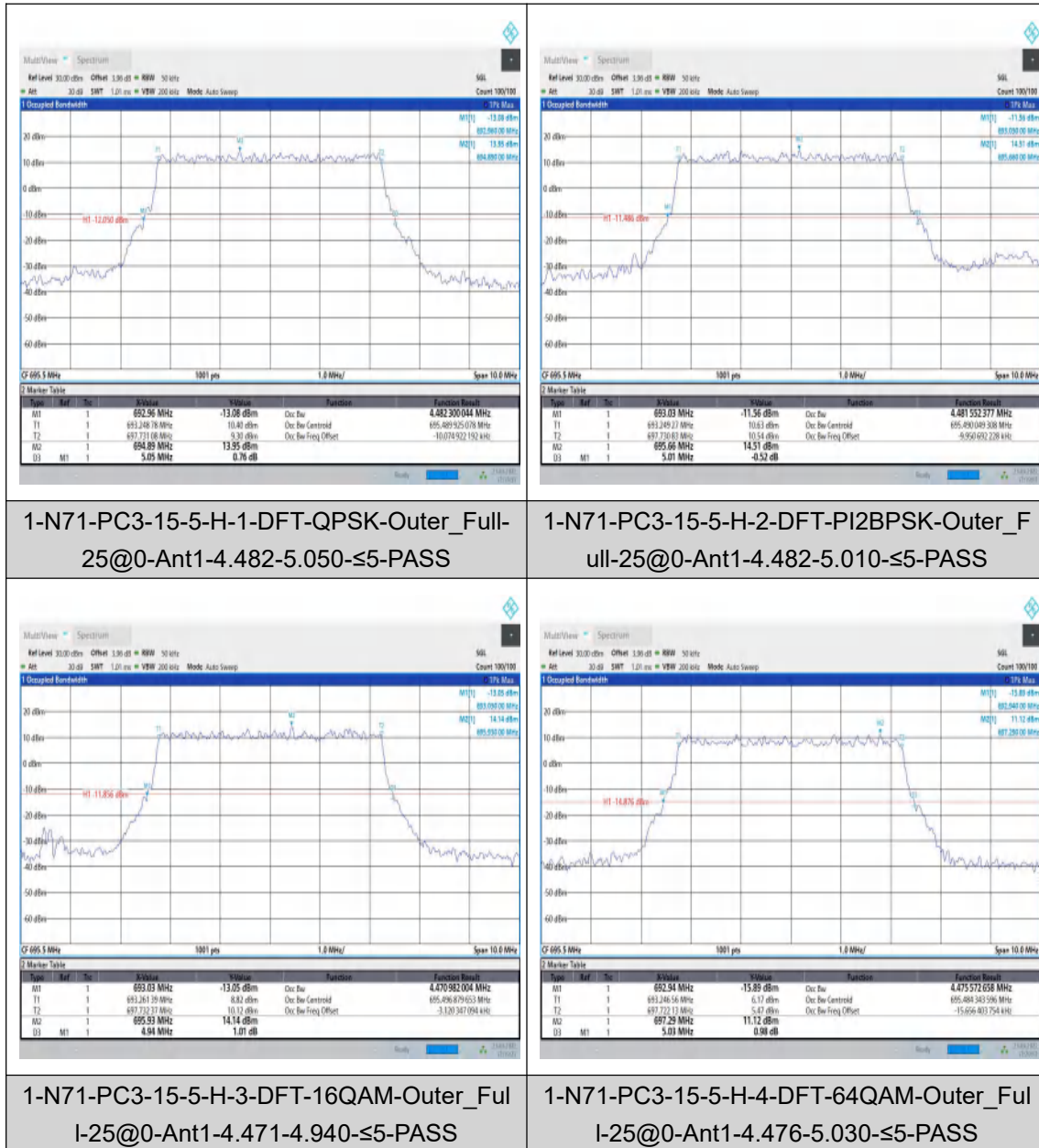




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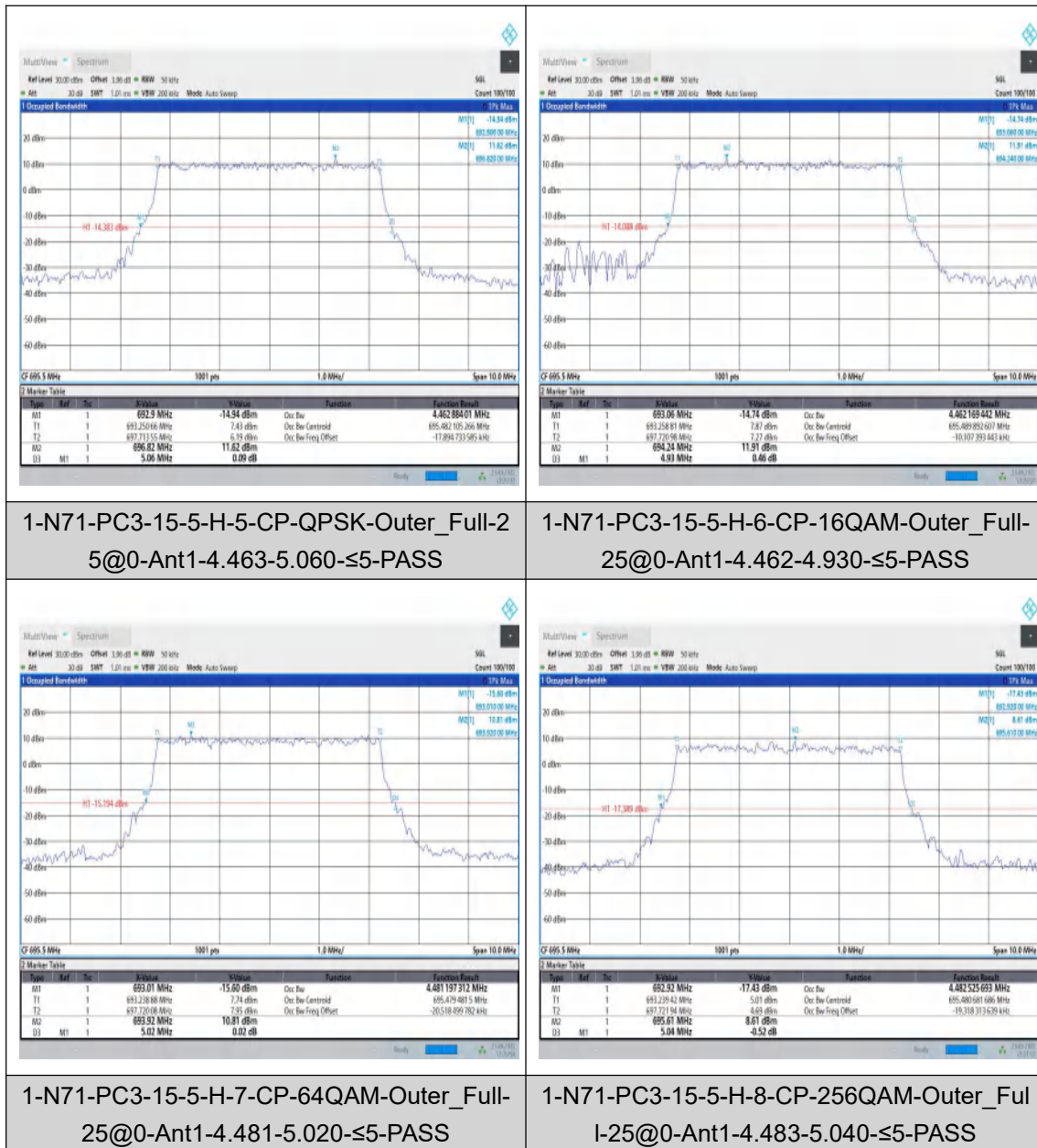


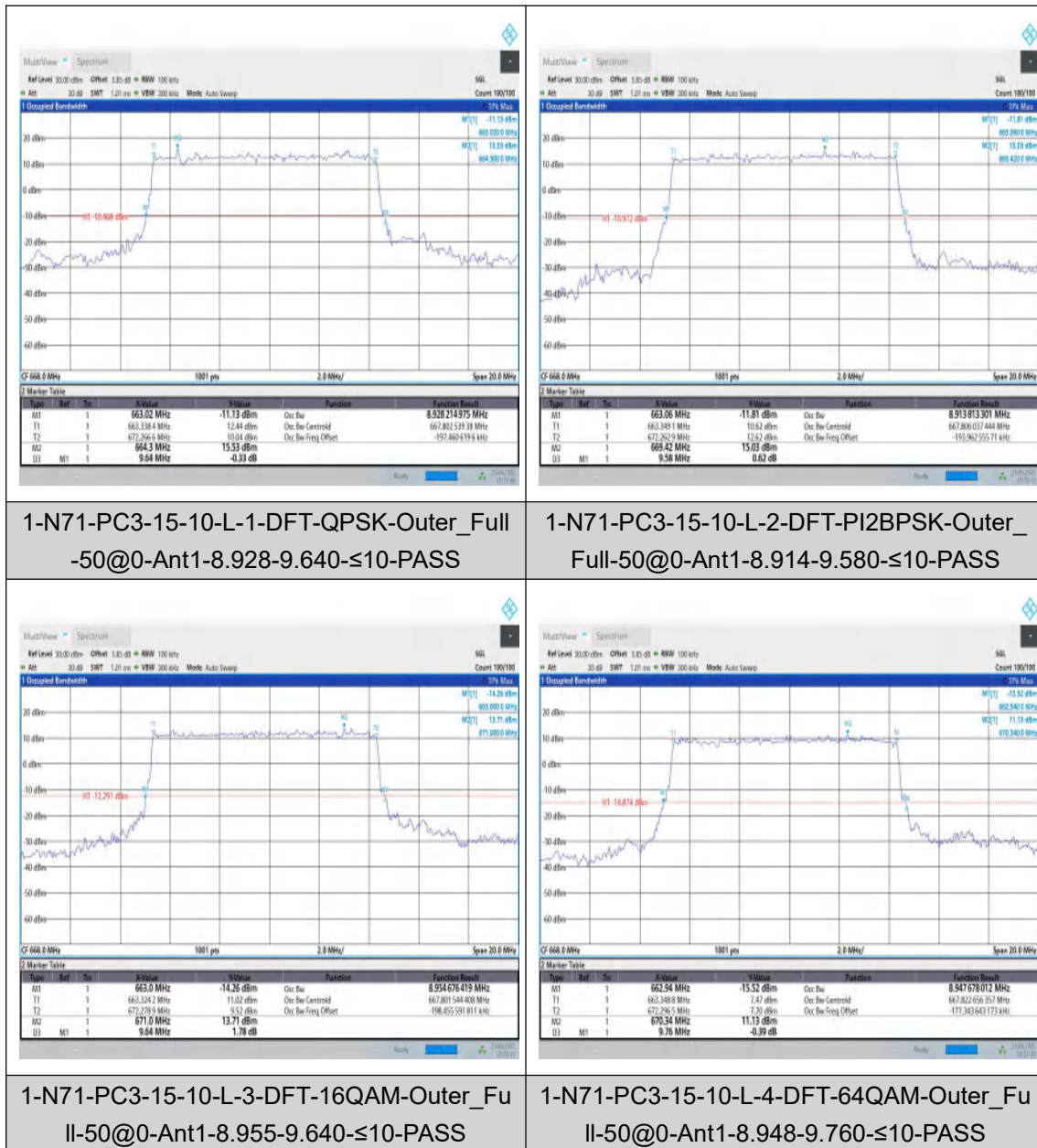


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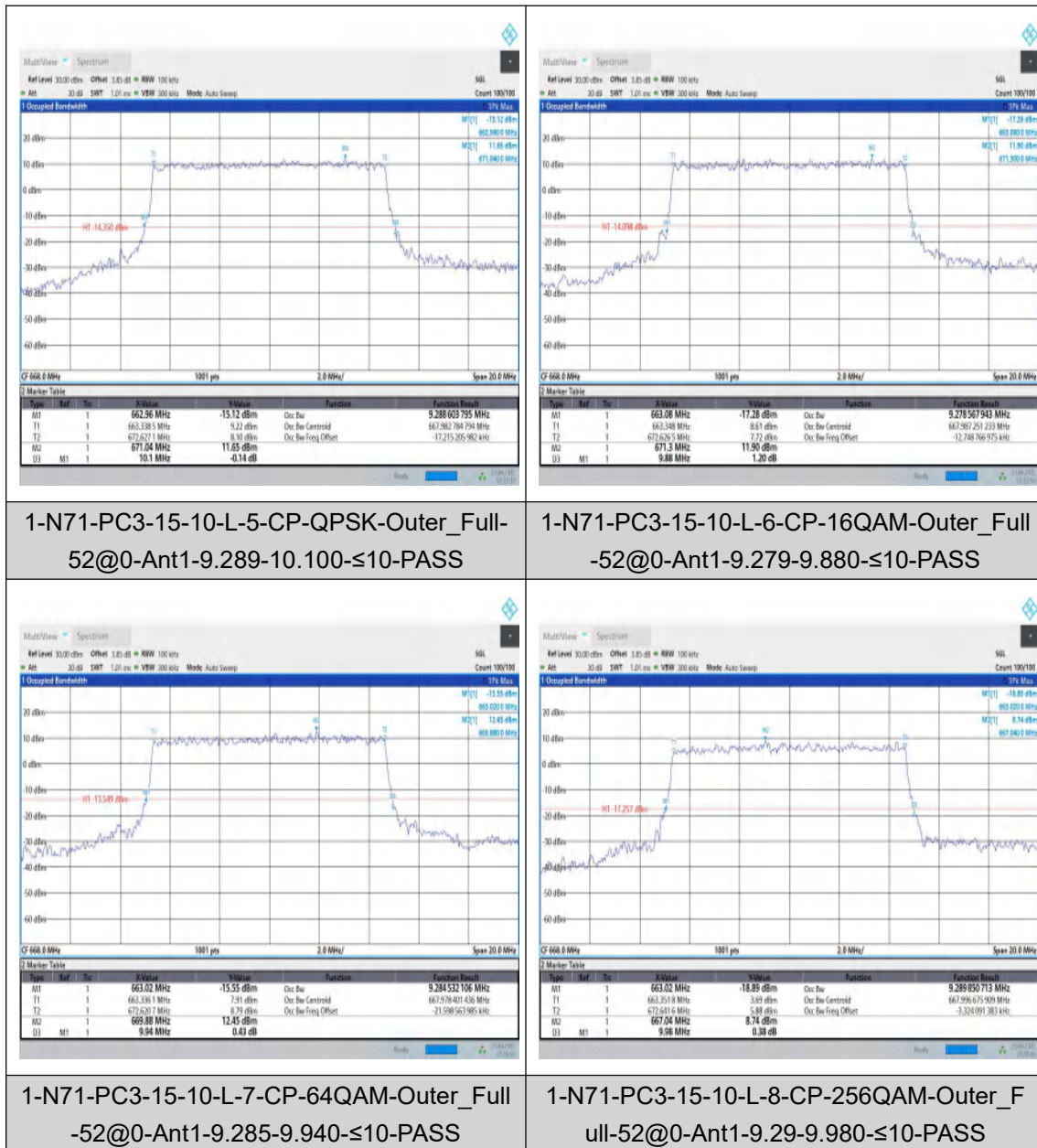




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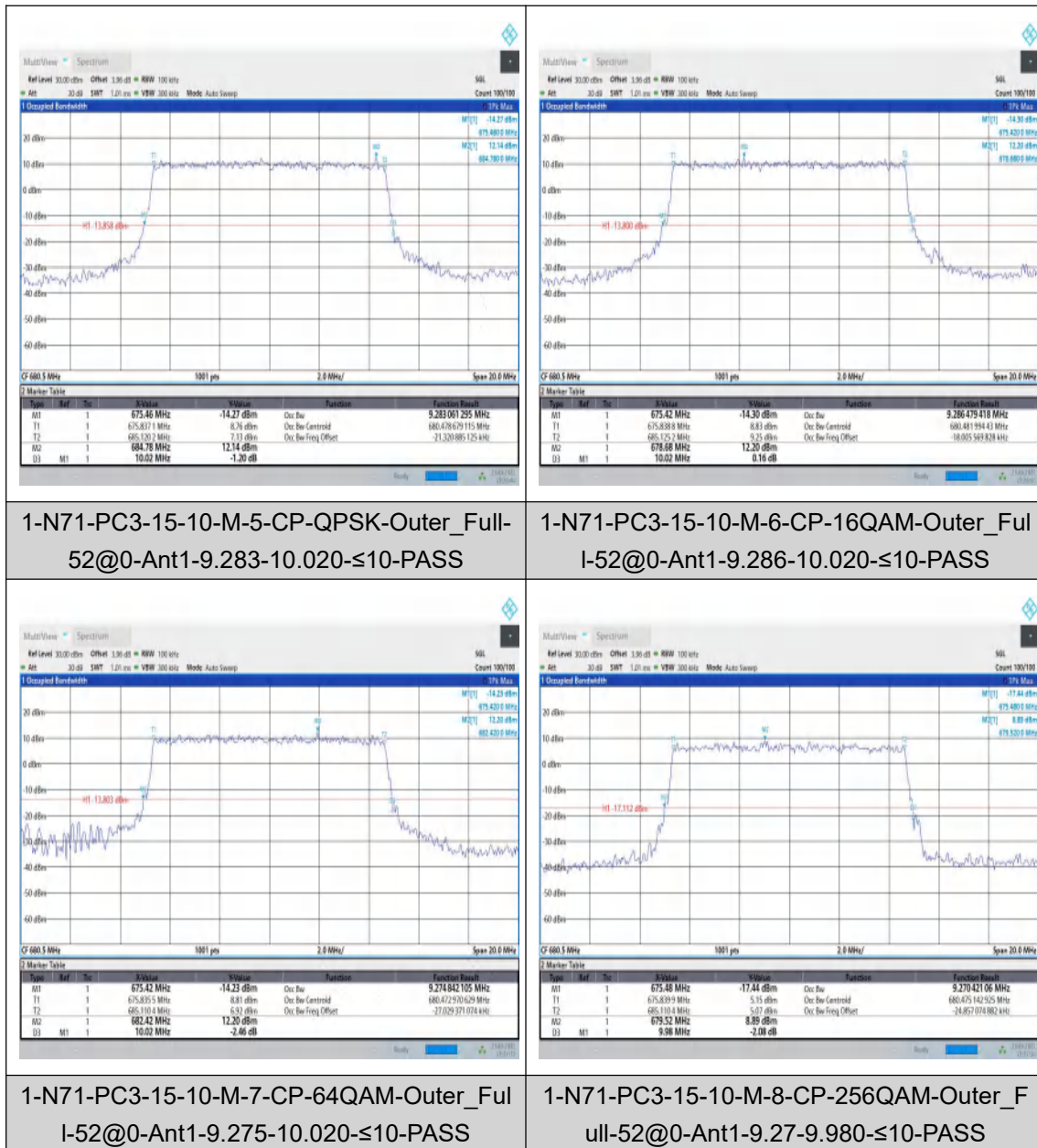




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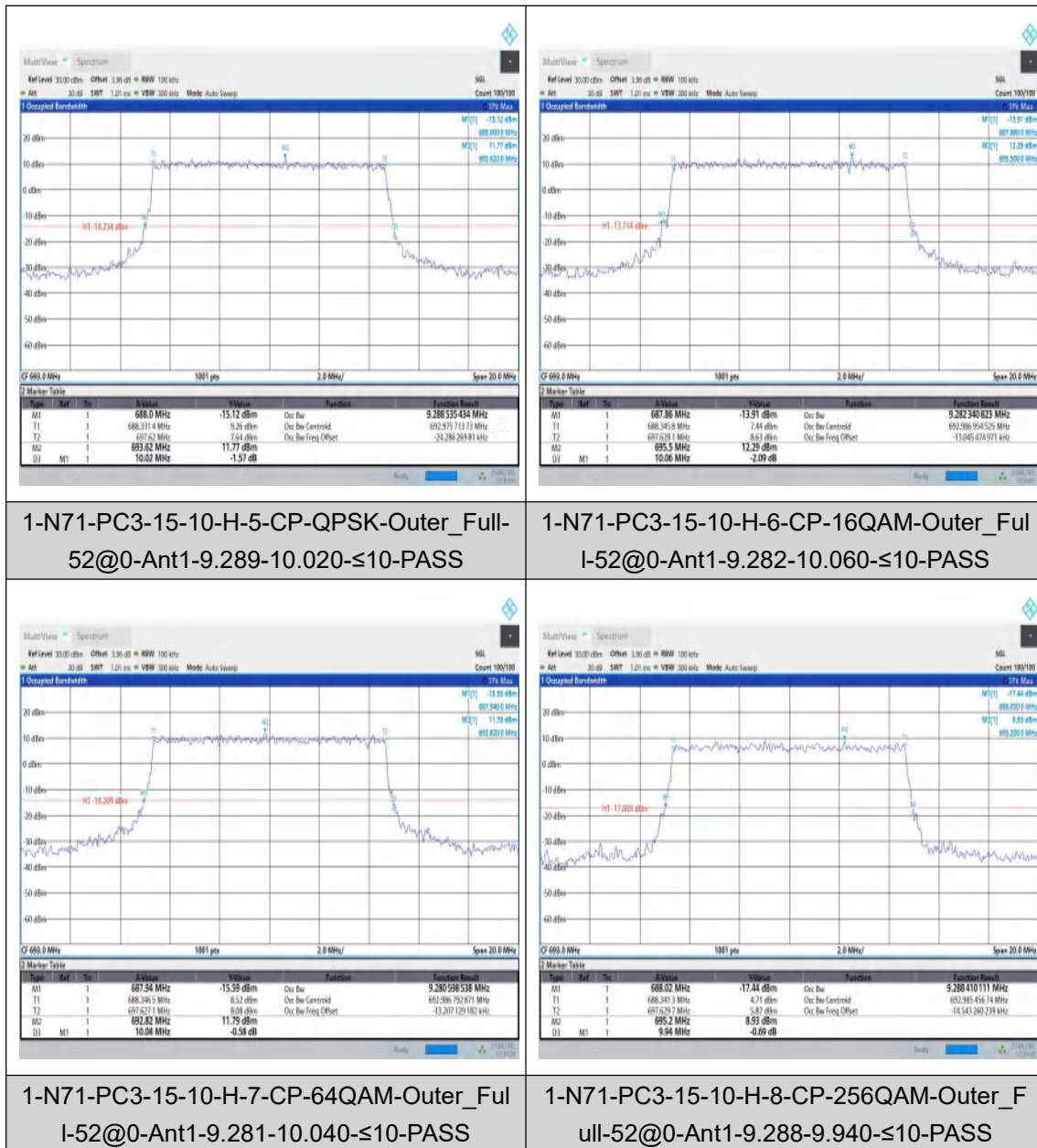


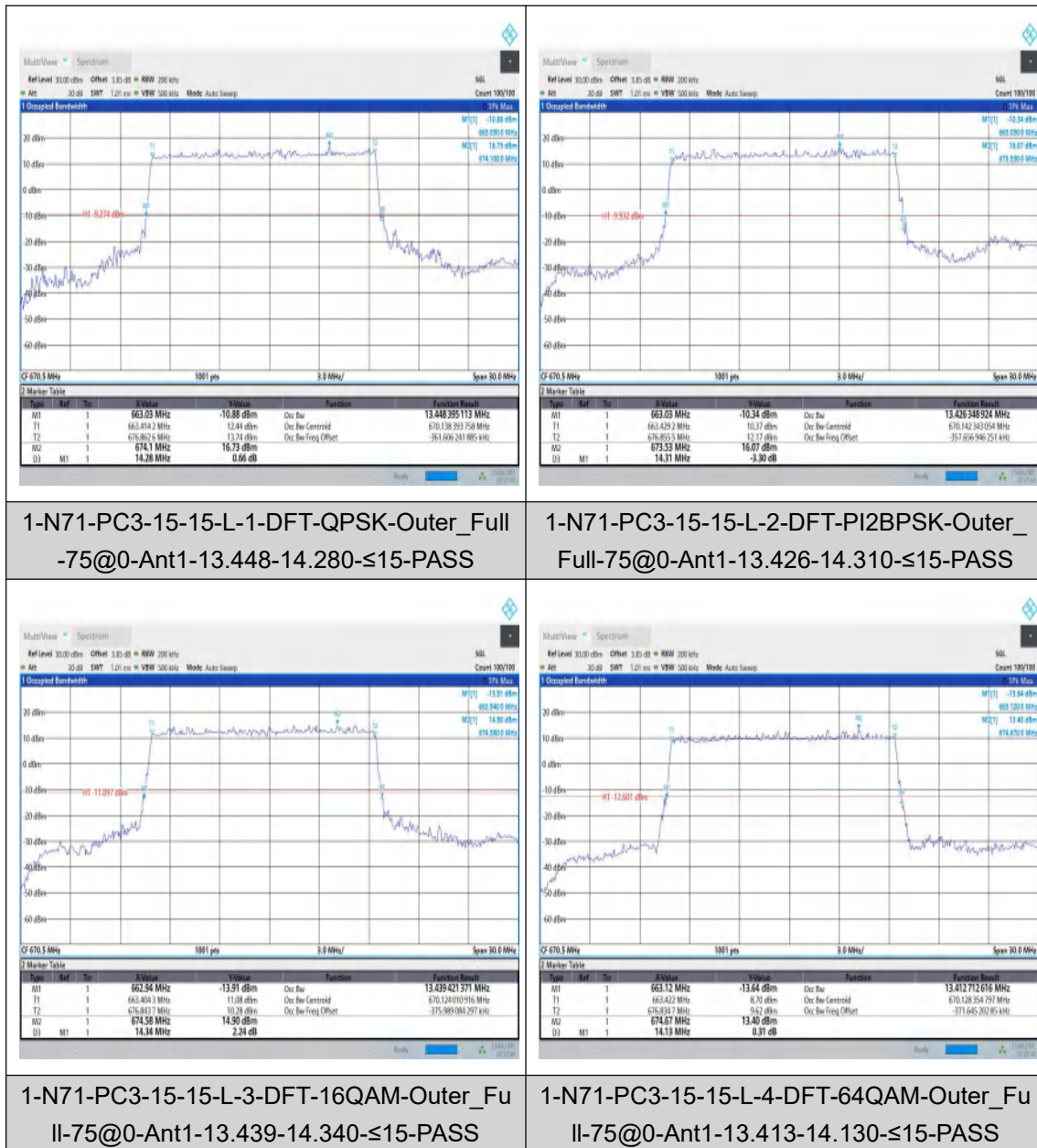
# CVC Testing Technology Co., Ltd.

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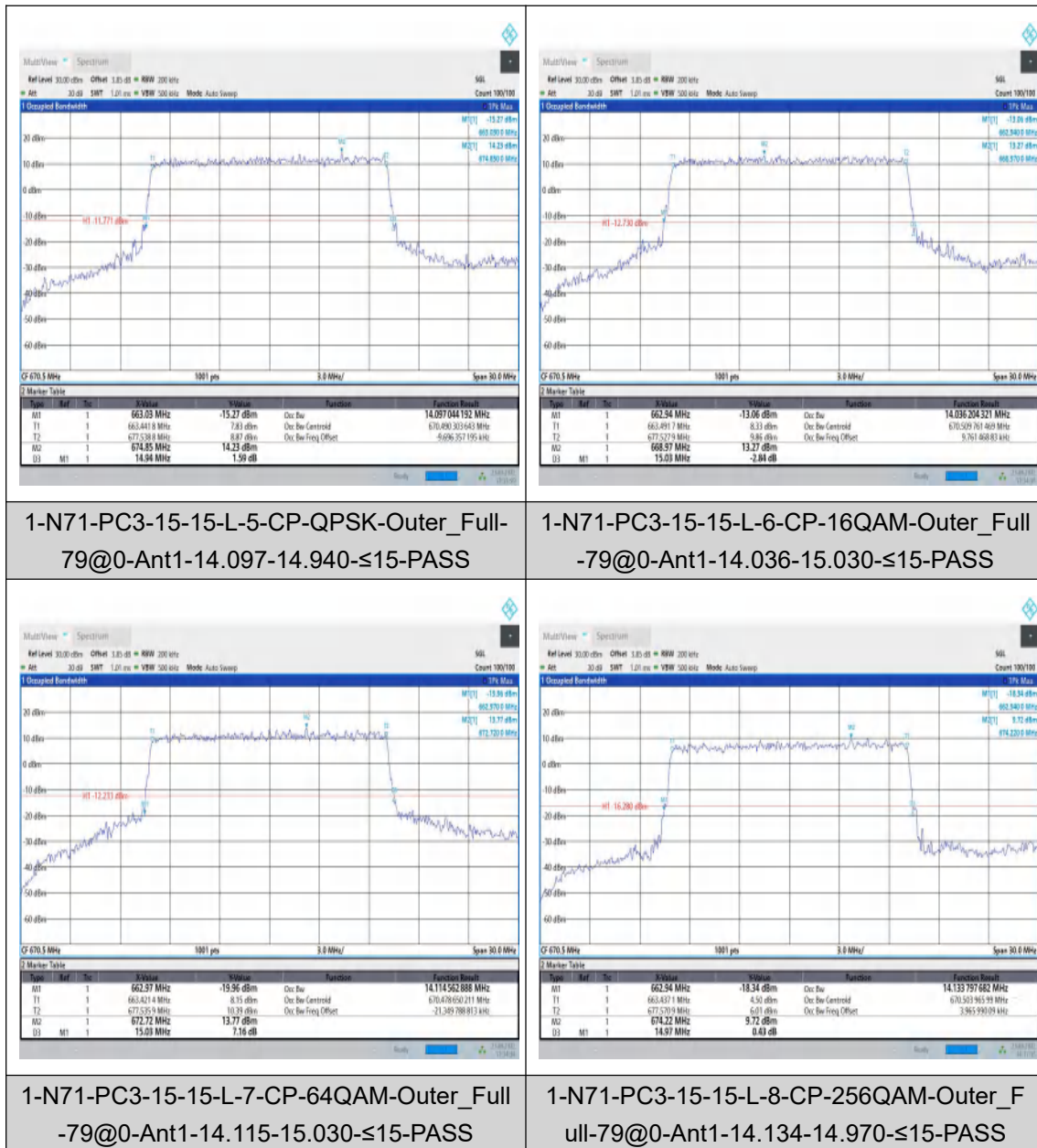




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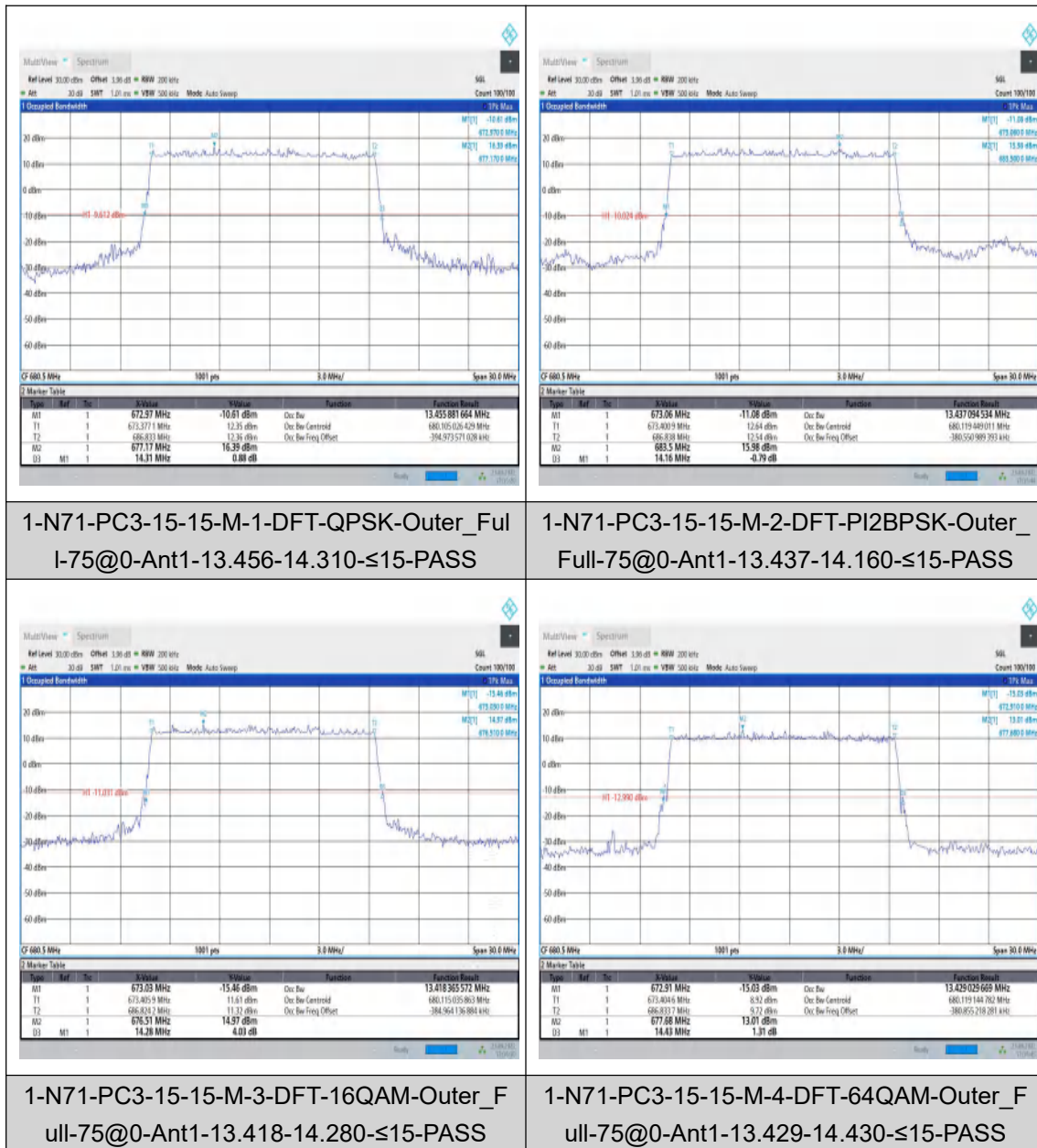




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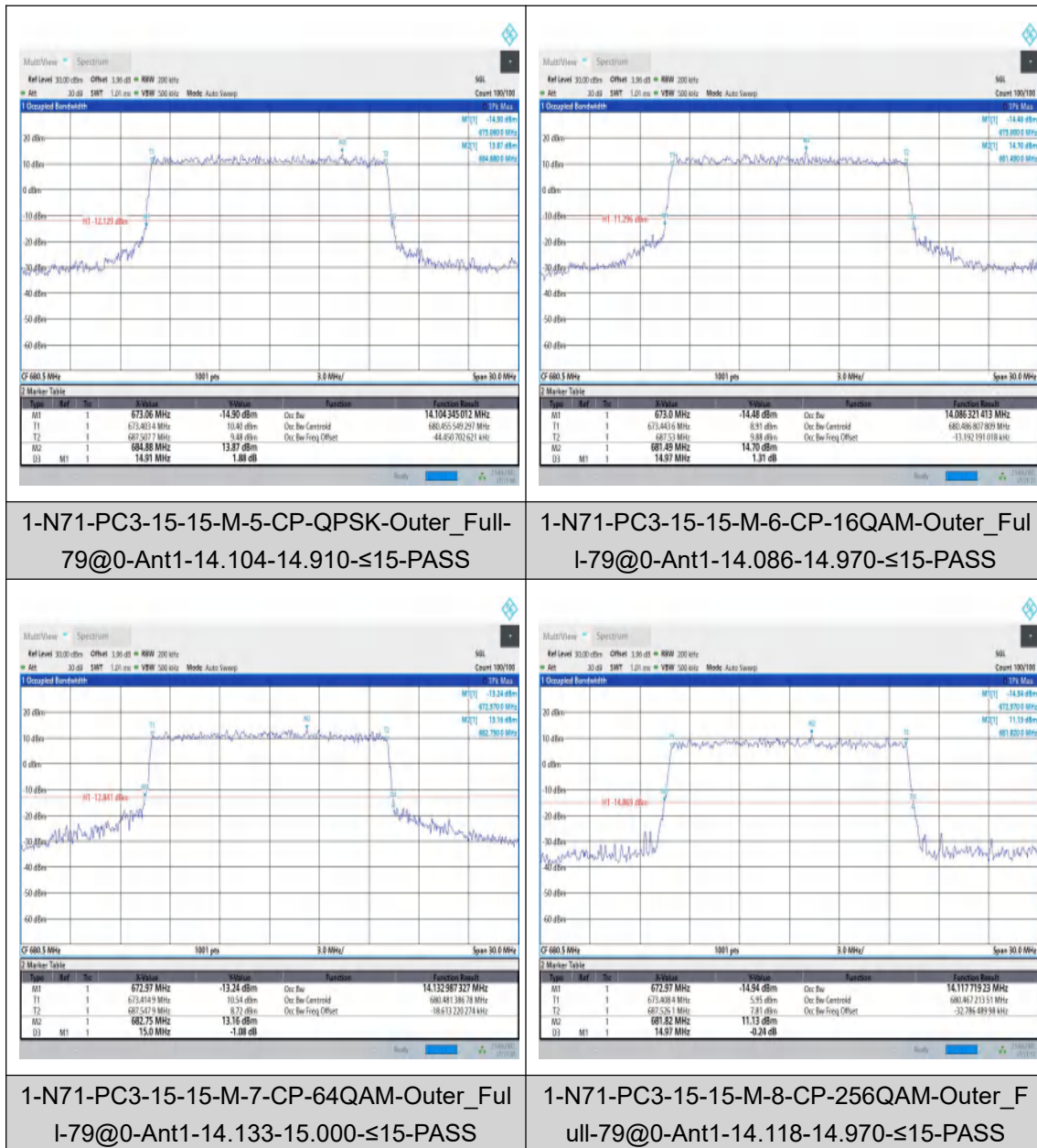


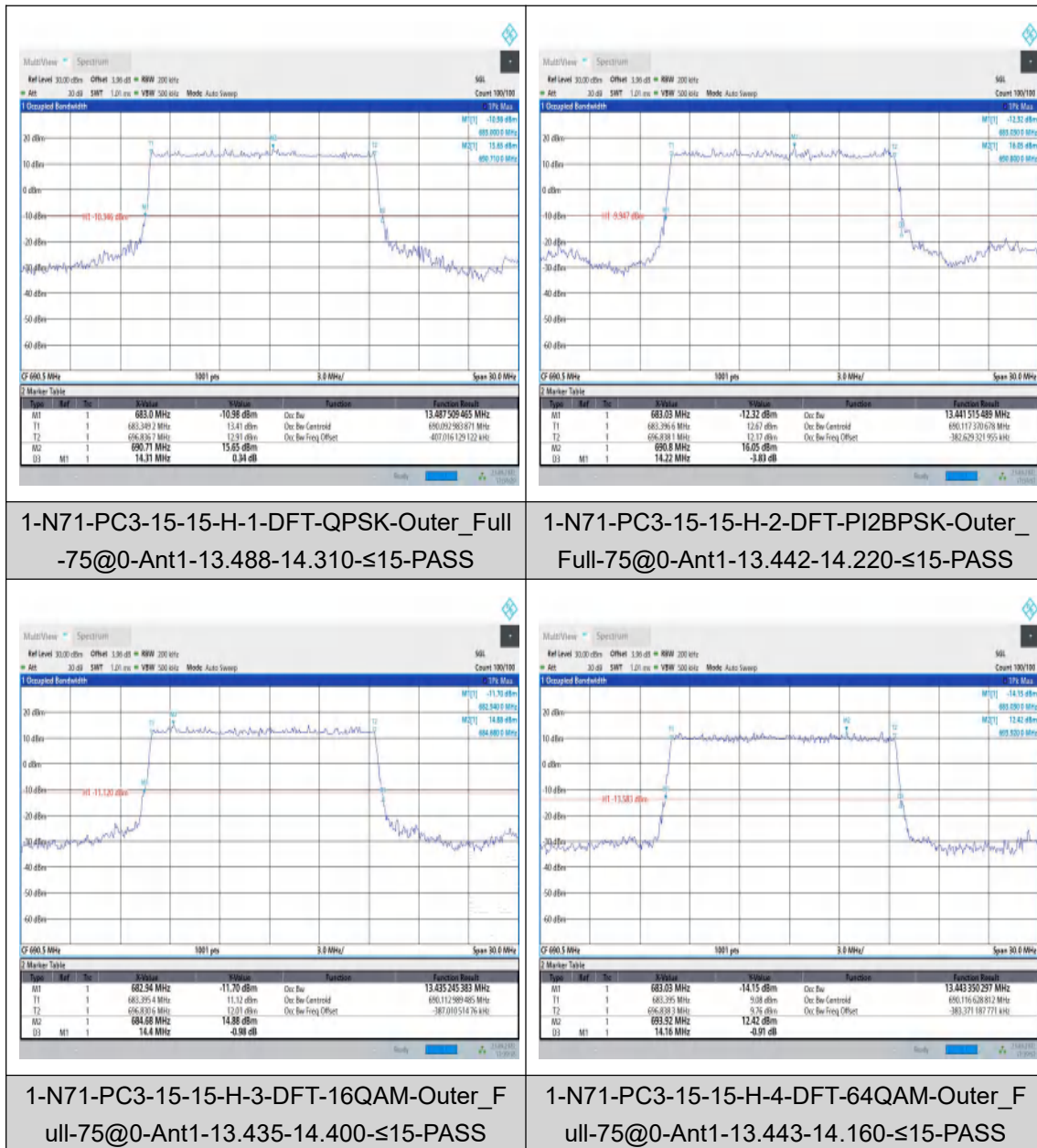


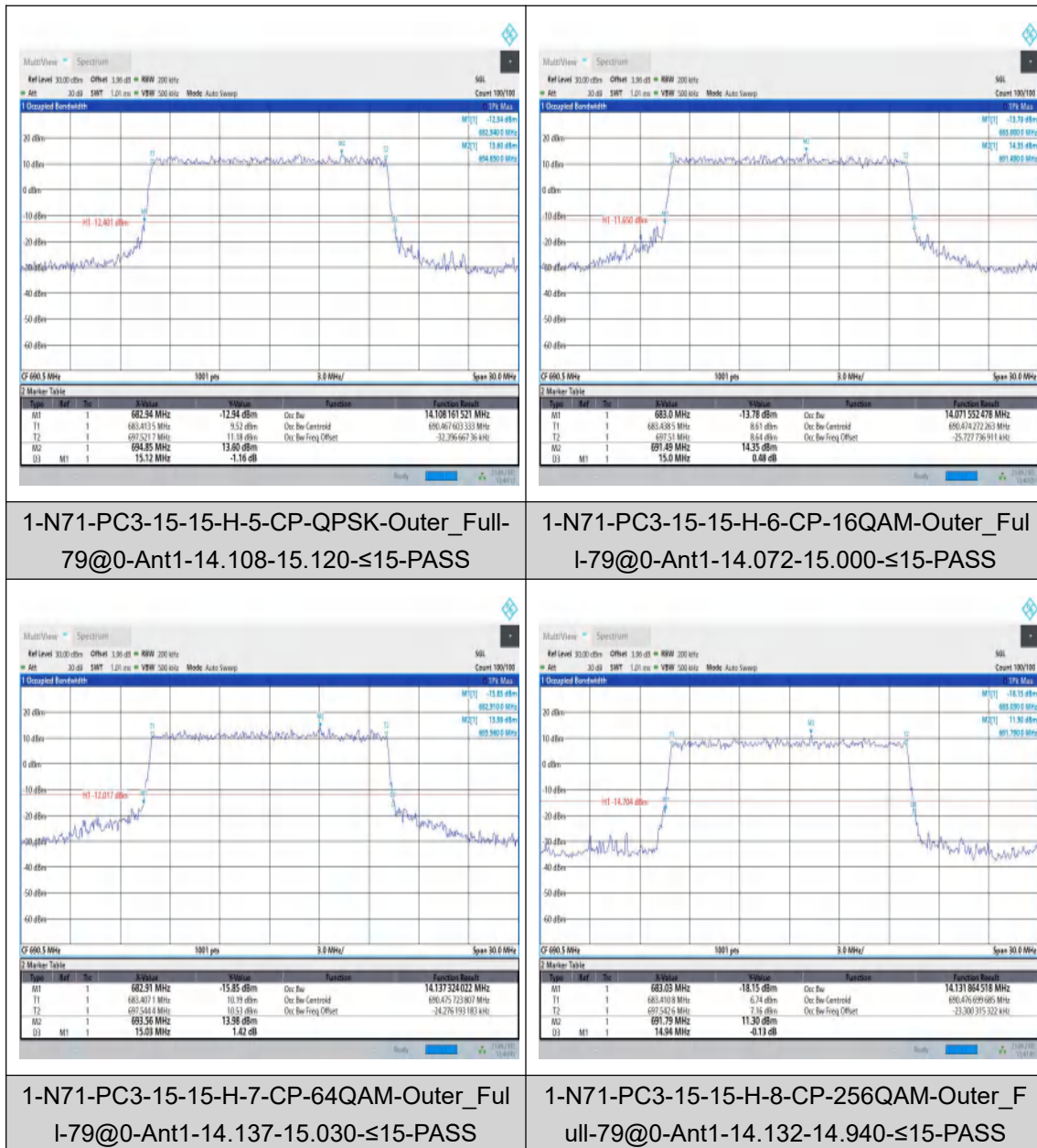
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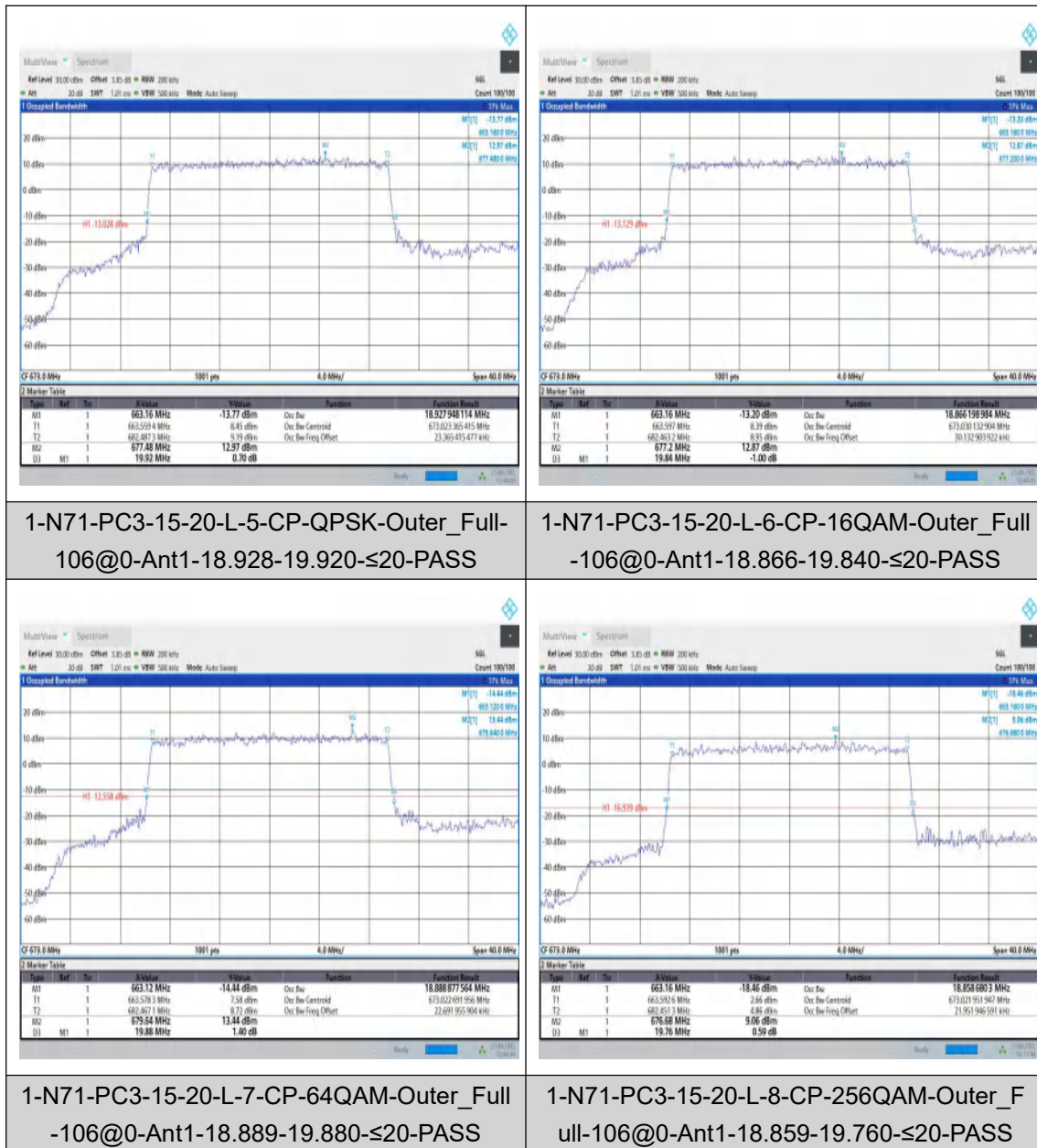




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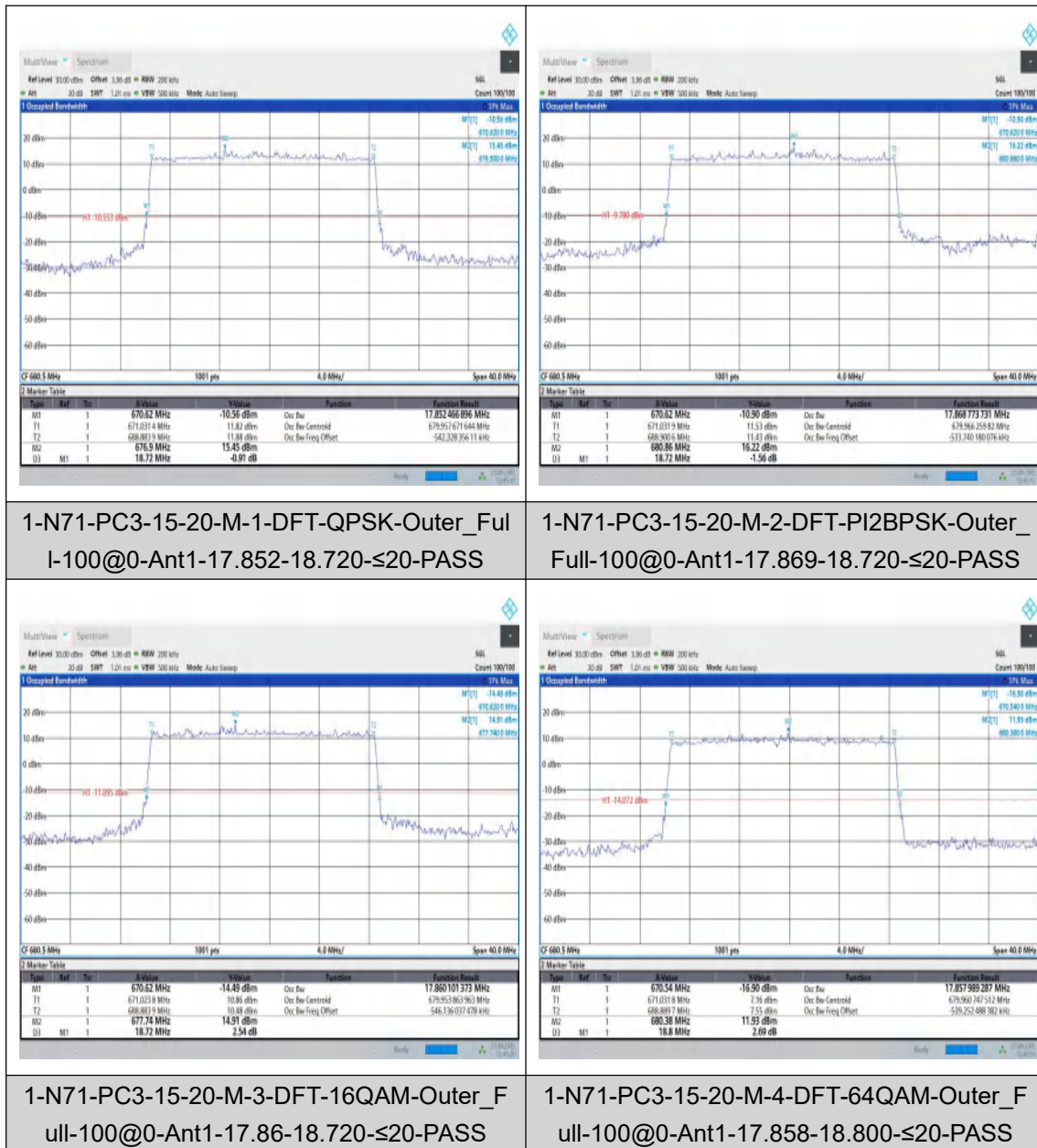




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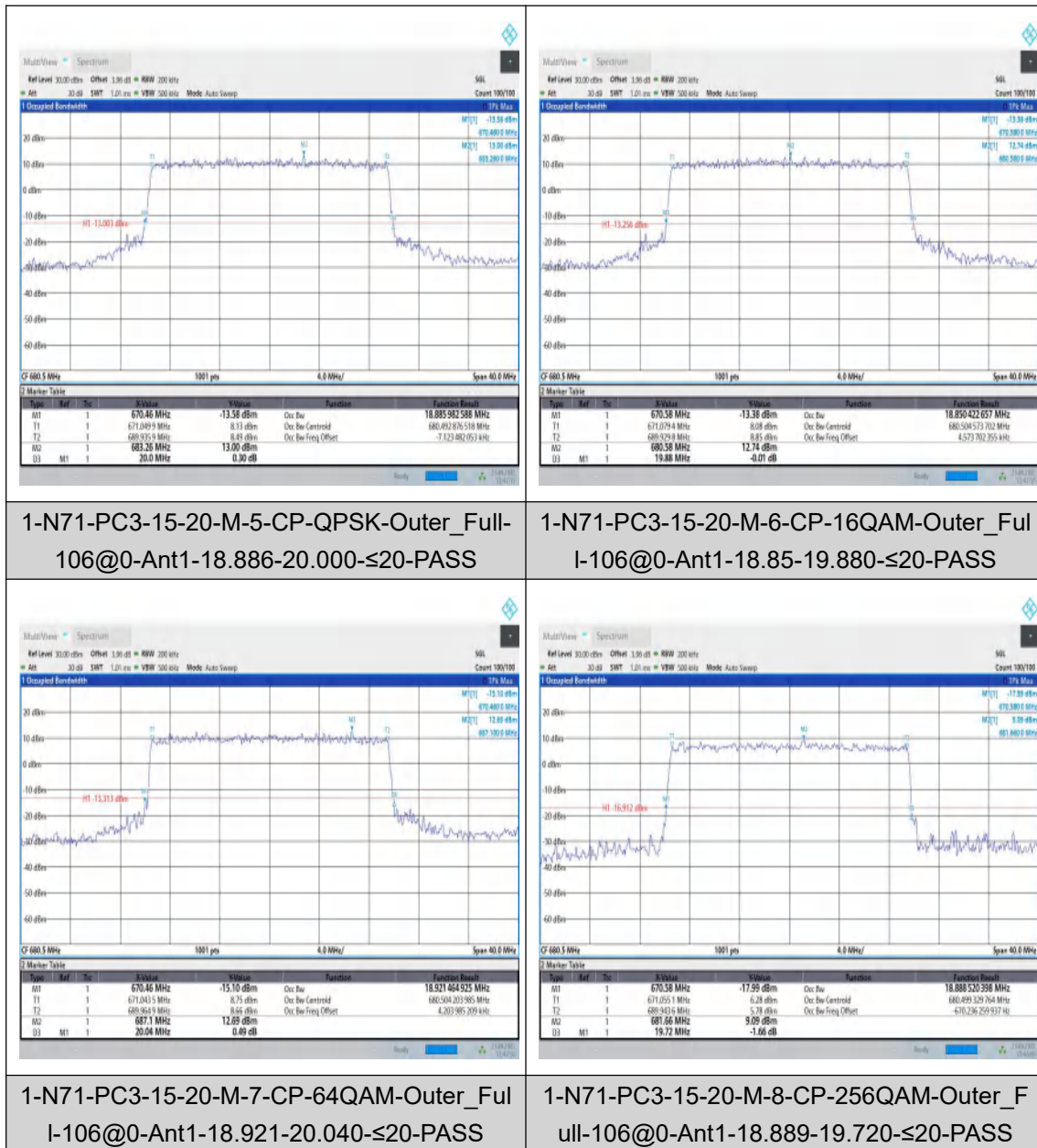




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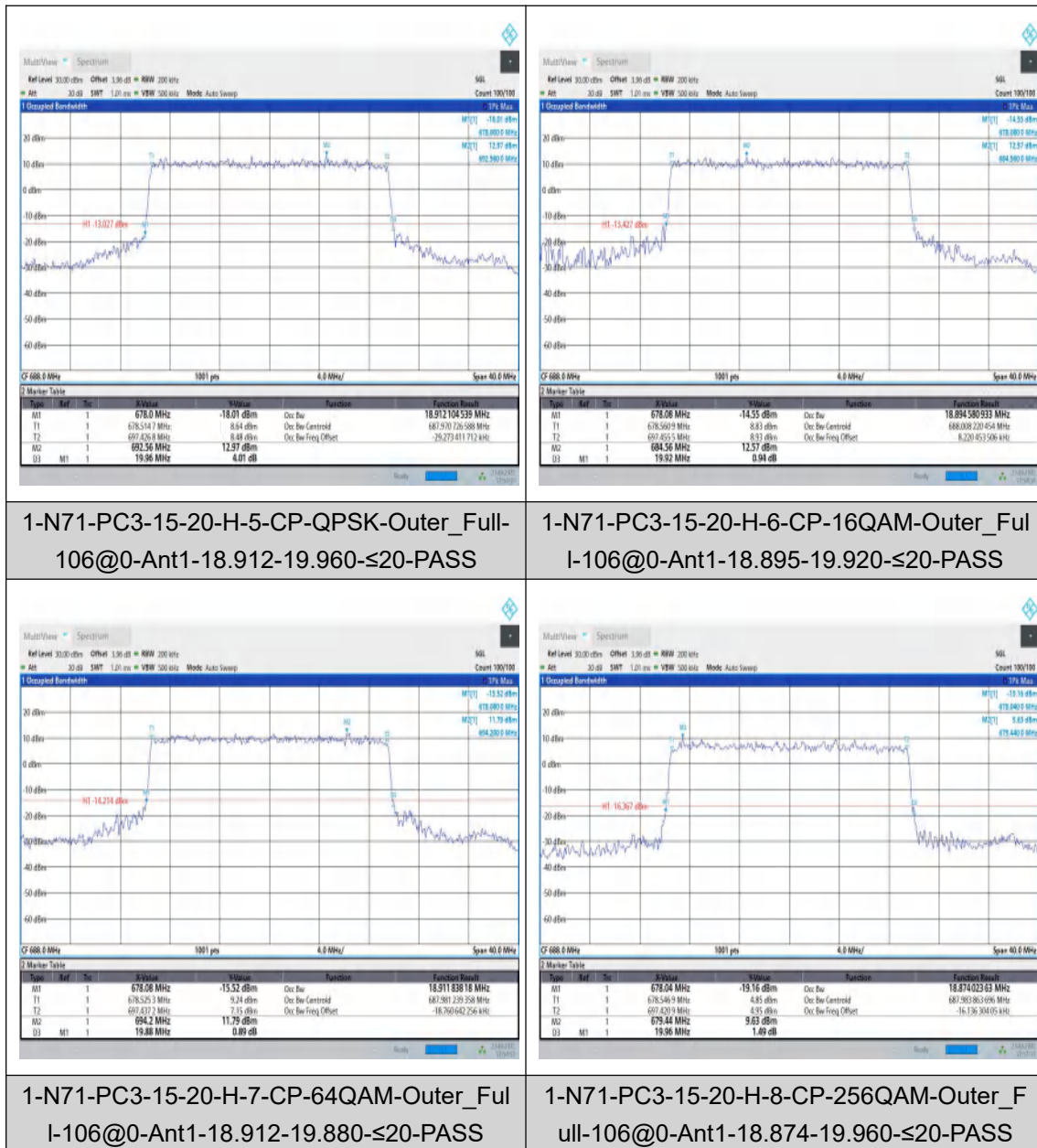




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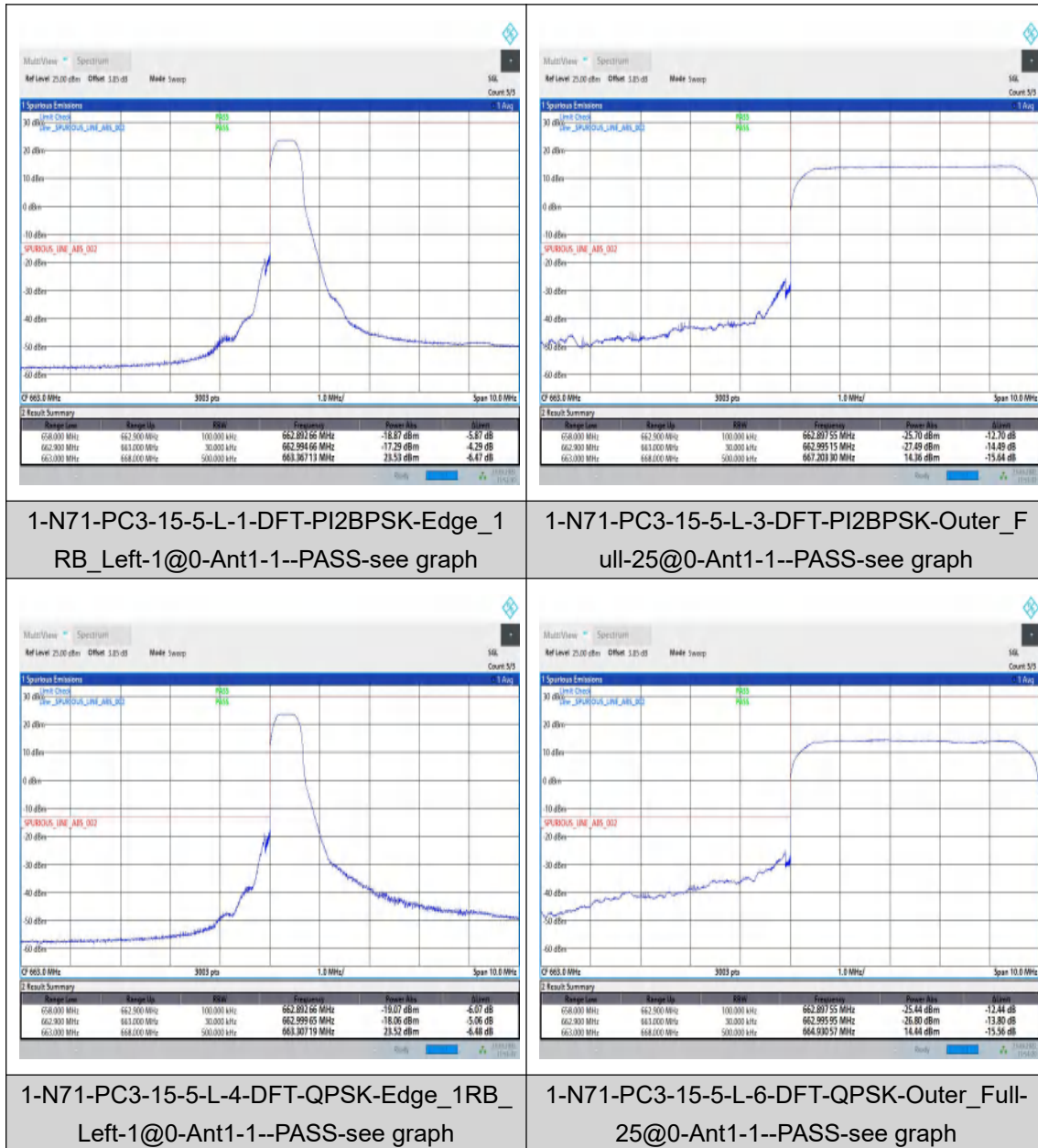
## Appendix D: Band Edge for SA

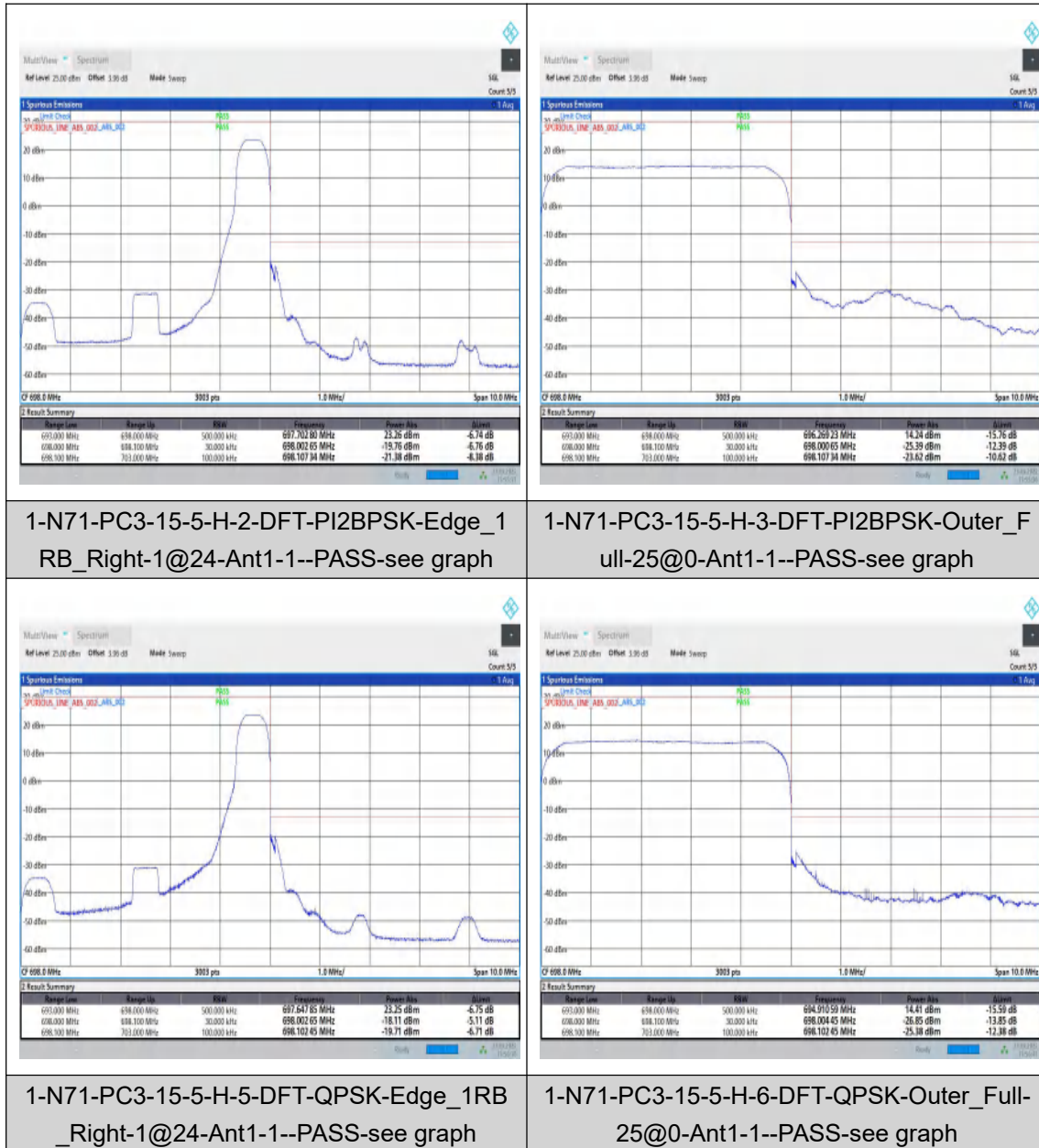
### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config      | Result    | Verdict |
|------|-----|-----------|-------------|---------|----------------|-----------|---------|
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left  | see graph | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left  | see graph | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Edge_1RB_Right | see graph | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | H       | Edge_1RB_Right | see graph | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | H       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 15        | DFT-PI2BPSK | L       | Edge_1RB_Left  | see graph | PASS    |
| N71  | 15  | 15        | DFT-PI2BPSK | L       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 15        | DFT-QPSK    | L       | Edge_1RB_Left  | see graph | PASS    |
| N71  | 15  | 15        | DFT-QPSK    | L       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 15        | DFT-PI2BPSK | H       | Edge_1RB_Right | see graph | PASS    |
| N71  | 15  | 15        | DFT-PI2BPSK | H       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 15        | DFT-QPSK    | H       | Edge_1RB_Right | see graph | PASS    |
| N71  | 15  | 15        | DFT-QPSK    | H       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 20        | DFT-PI2BPSK | L       | Edge_1RB_Left  | see graph | PASS    |
| N71  | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 20        | DFT-QPSK    | L       | Edge_1RB_Left  | see graph | PASS    |
| N71  | 15  | 20        | DFT-QPSK    | L       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 20        | DFT-PI2BPSK | H       | Edge_1RB_Right | see graph | PASS    |
| N71  | 15  | 20        | DFT-PI2BPSK | H       | Outer_Full     | see graph | PASS    |
| N71  | 15  | 20        | DFT-QPSK    | H       | Edge_1RB_Right | see graph | PASS    |
| N71  | 15  | 20        | DFT-QPSK    | H       | Outer_Full     | see graph | PASS    |



## Test Graphs



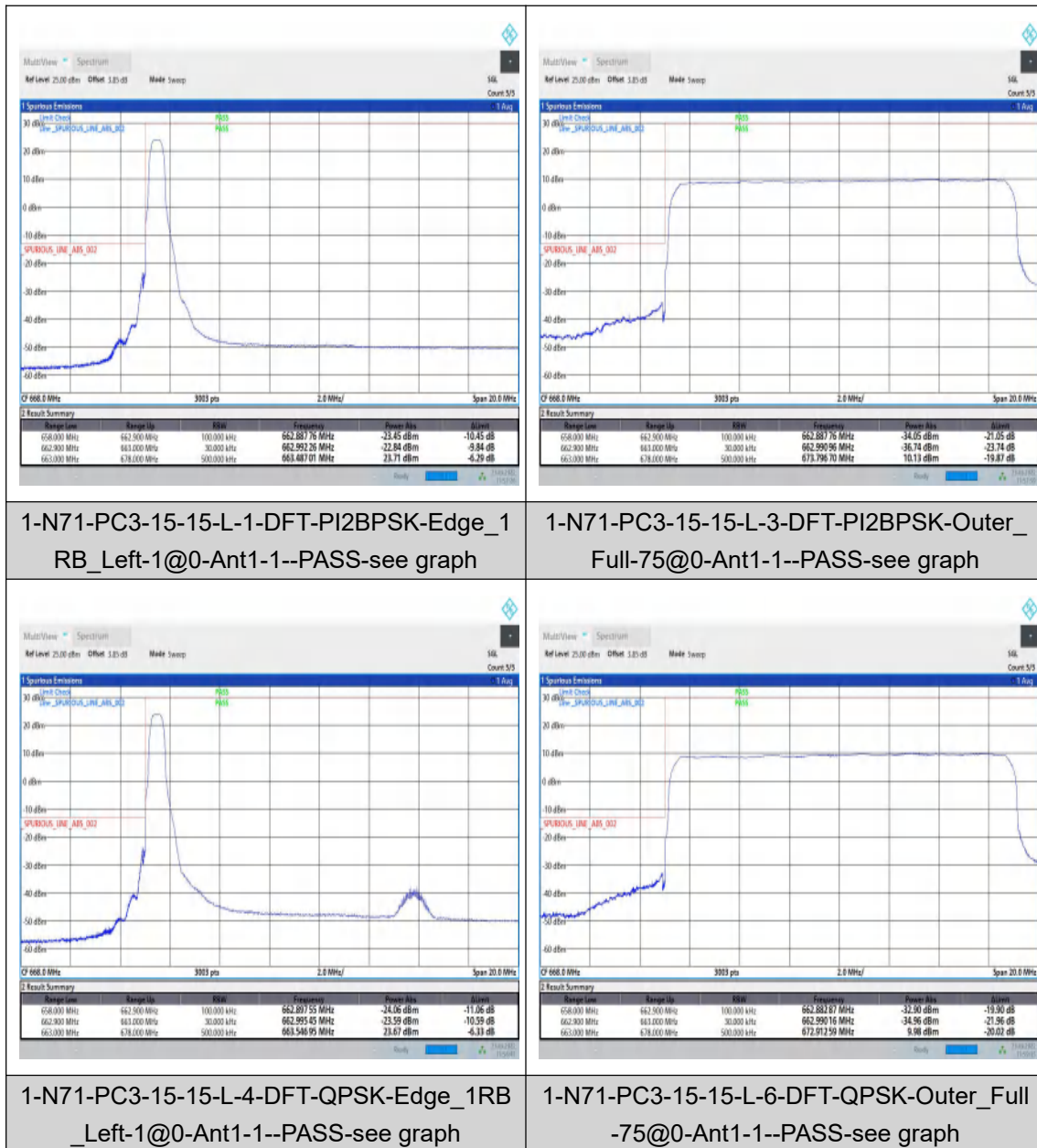




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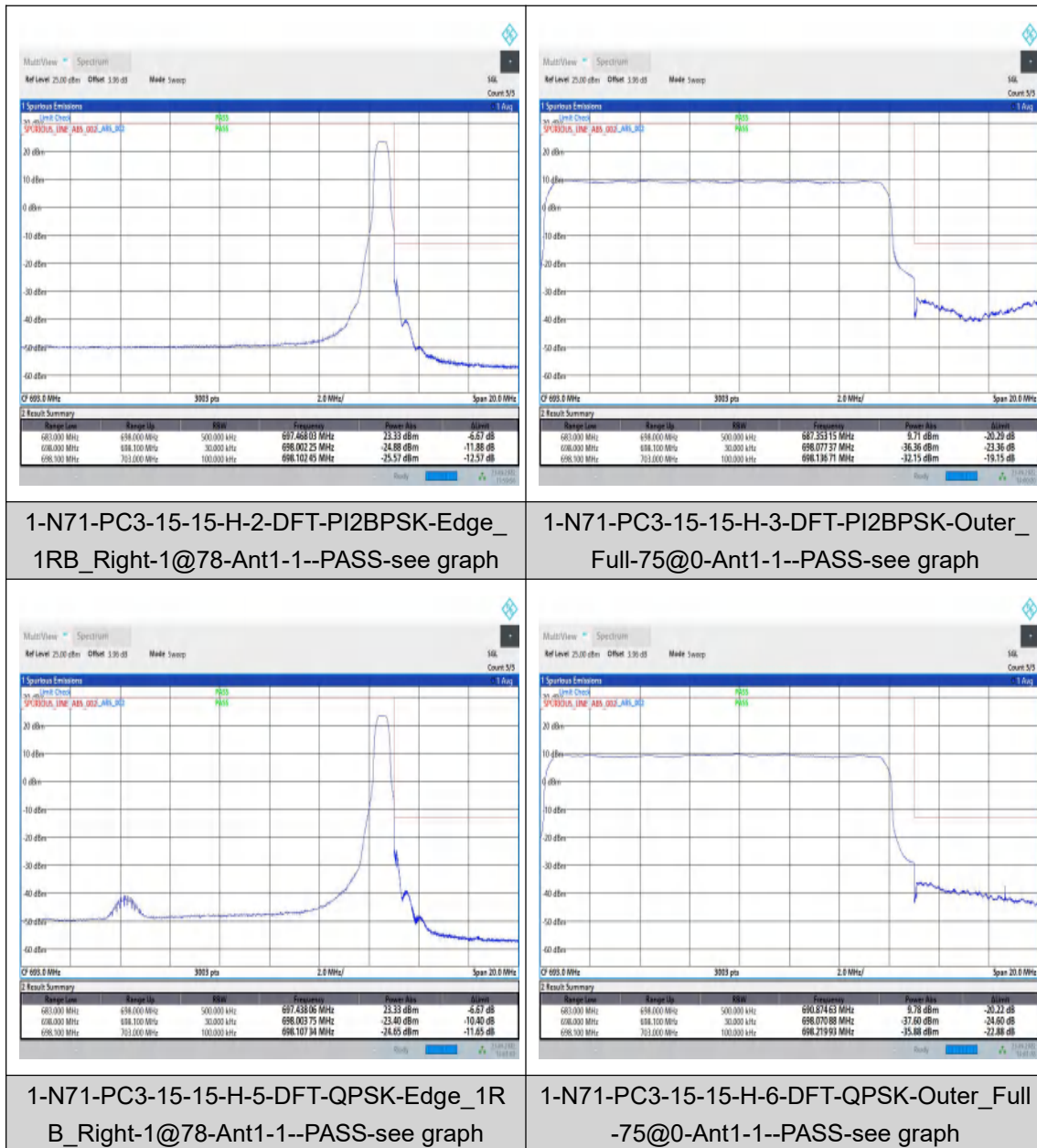




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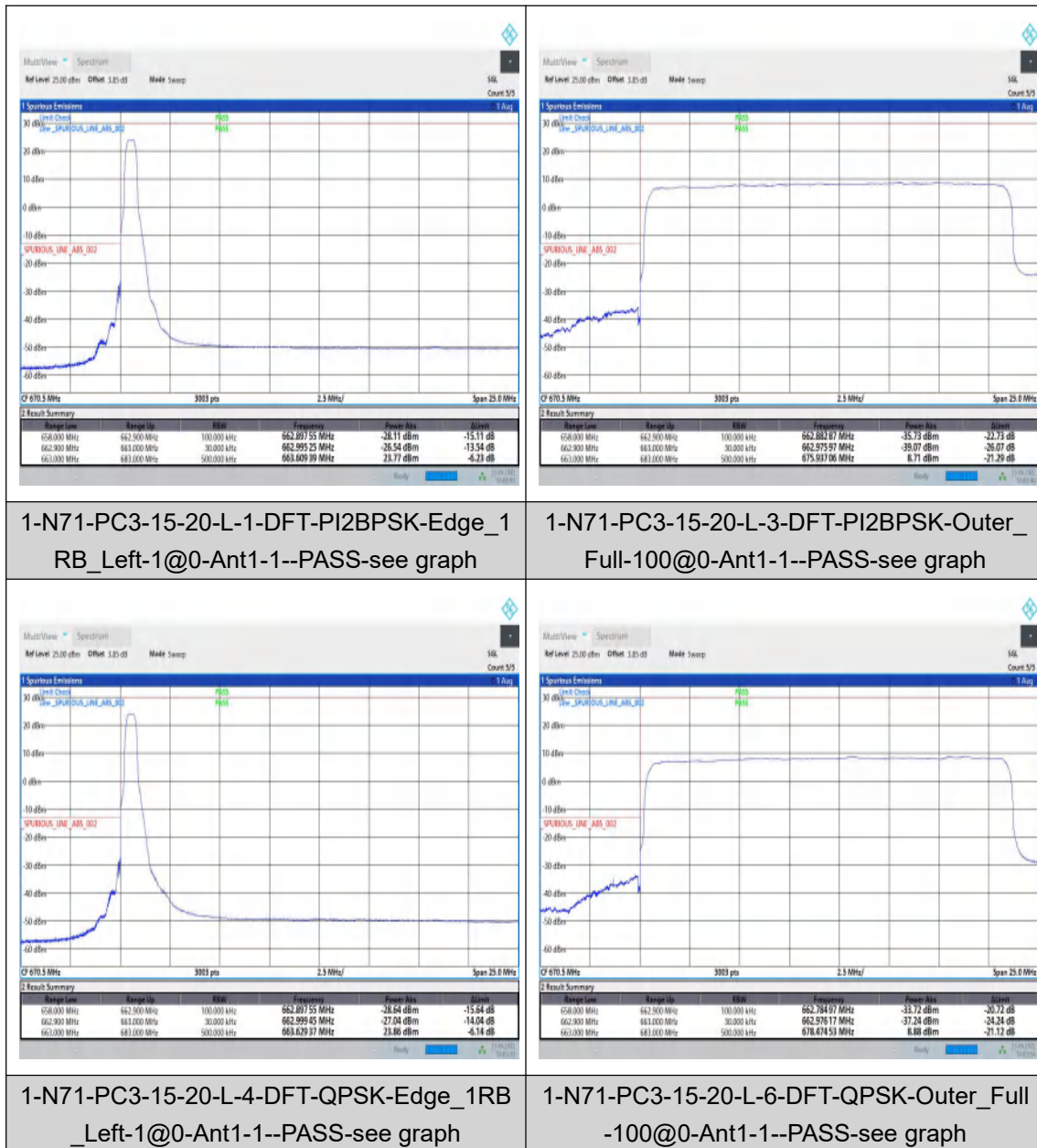




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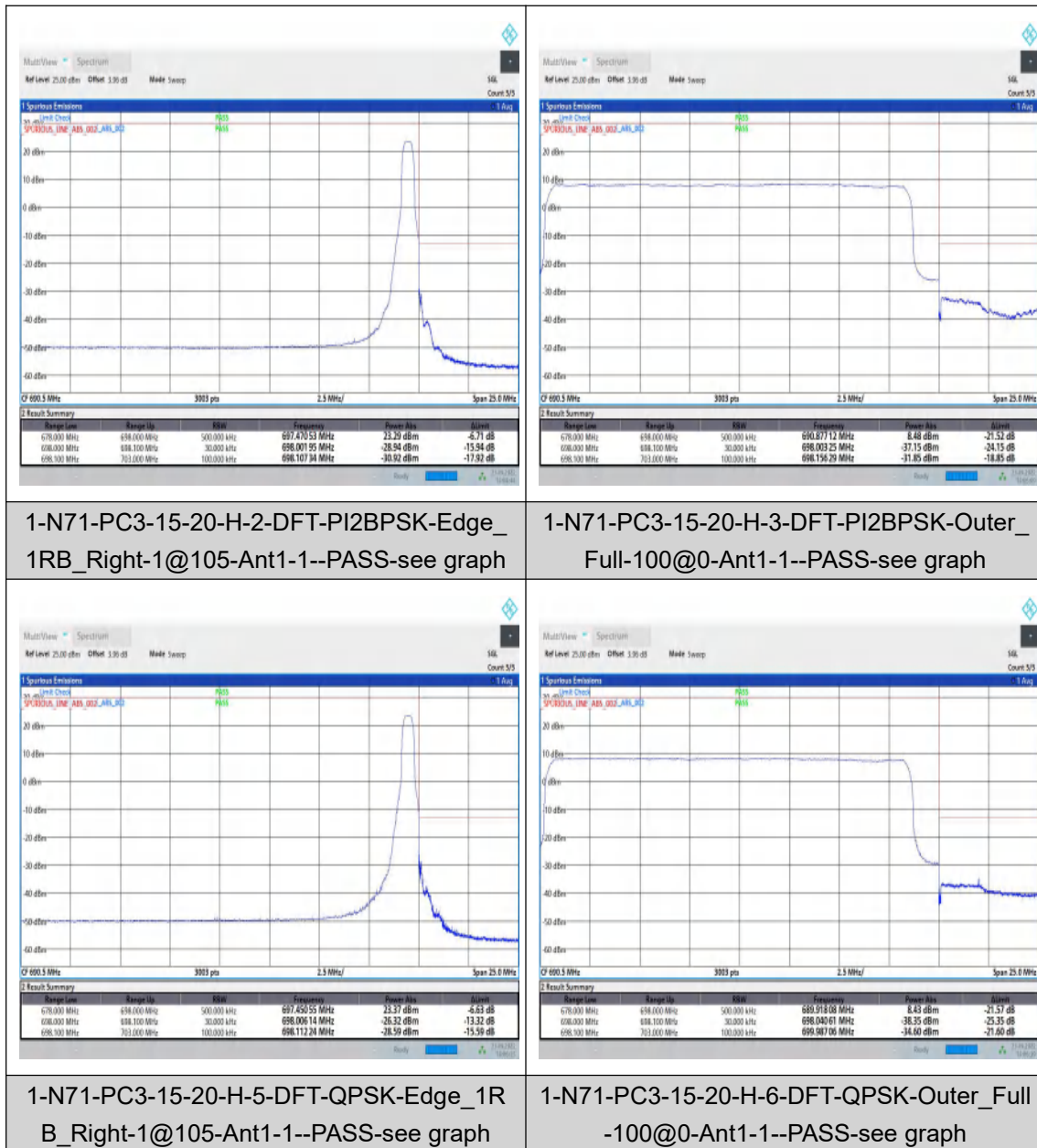




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## Appendix E: Conducted Spurious Emission for SA

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config     | StartFreq | StopFreq | Result  | Limit | Verdict |
|------|-----|-----------|-------------|---------|---------------|-----------|----------|---------|-------|---------|
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left | 0.009     | 0.15     | -107.16 | -33   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left | 0.15      | 30       | -92.50  | -23   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left | 30        | 1000     | -60.63  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left | 1000      | 3000     | -48.53  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left | 3000      | 12000    | -45.02  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | L       | Edge_1RB_Left | 12000     | 20000    | -46.30  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left | 0.009     | 0.15     | -107.37 | -33   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left | 0.15      | 30       | -92.51  | -23   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left | 30        | 1000     | -60.55  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left | 1000      | 3000     | -48.40  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left | 3000      | 12000    | -46.04  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | L       | Edge_1RB_Left | 12000     | 20000    | -46.55  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Left | 0.009     | 0.15     | -107.38 | -33   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Left | 0.15      | 30       | -92.57  | -23   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Left | 30        | 1000     | -60.80  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Left | 1000      | 3000     | -48.52  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Left | 3000      | 12000    | -45.97  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | M       | Edge_1RB_Left | 12000     | 20000    | -46.51  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Left | 0.009     | 0.15     | -107.20 | -33   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Left | 0.15      | 30       | -92.57  | -23   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Left | 30        | 1000     | -60.57  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Left | 1000      | 3000     | -48.49  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Left | 3000      | 12000    | -46.04  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | M       | Edge_1RB_Left | 12000     | 20000    | -46.47  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Edge_1RB_Left | 0.009     | 0.15     | -107.30 | -33   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Edge_1RB_Left | 0.15      | 30       | -92.55  | -23   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Edge_1RB_Left | 30        | 1000     | -60.28  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Edge_1RB_Left | 1000      | 3000     | -48.52  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Edge_1RB_Left | 3000      | 12000    | -46.02  | -13   | PASS    |
| N71  | 15  | 5         | DFT-PI2BPSK | H       | Edge_1RB_Left | 12000     | 20000    | -46.33  | -13   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | H       | Edge_1RB_Left | 0.009     | 0.15     | -107.14 | -33   | PASS    |
| N71  | 15  | 5         | DFT-QPSK    | H       | Edge_1RB_Left | 0.15      | 30       | -92.54  | -23   | PASS    |



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|     |    |    |             |   |               |       |       |         |     |      |
|-----|----|----|-------------|---|---------------|-------|-------|---------|-----|------|
| N71 | 15 | 5  | DFT-QPSK    | H | Edge_1RB_Left | 30    | 1000  | -59.50  | -13 | PASS |
| N71 | 15 | 5  | DFT-QPSK    | H | Edge_1RB_Left | 1000  | 3000  | -48.50  | -13 | PASS |
| N71 | 15 | 5  | DFT-QPSK    | H | Edge_1RB_Left | 3000  | 12000 | -45.91  | -13 | PASS |
| N71 | 15 | 5  | DFT-QPSK    | H | Edge_1RB_Left | 12000 | 20000 | -46.48  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Left | 0.009 | 0.15  | -107.42 | -33 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Left | 0.15  | 30    | -92.53  | -23 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Left | 30    | 1000  | -60.56  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Left | 1000  | 3000  | -48.43  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Left | 3000  | 12000 | -45.67  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | L | Edge_1RB_Left | 12000 | 20000 | -46.14  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Left | 0.009 | 0.15  | -107.41 | -33 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Left | 0.15  | 30    | -92.54  | -23 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Left | 30    | 1000  | -59.85  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Left | 1000  | 3000  | -48.51  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Left | 3000  | 12000 | -45.99  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | L | Edge_1RB_Left | 12000 | 20000 | -46.39  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Left | 0.009 | 0.15  | -107.45 | -33 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Left | 0.15  | 30    | -92.52  | -23 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Left | 30    | 1000  | -60.84  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Left | 1000  | 3000  | -48.41  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Left | 3000  | 12000 | -45.98  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | M | Edge_1RB_Left | 12000 | 20000 | -46.21  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Left | 0.009 | 0.15  | -107.28 | -33 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Left | 0.15  | 30    | -92.54  | -23 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Left | 30    | 1000  | -60.60  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Left | 1000  | 3000  | -48.55  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Left | 3000  | 12000 | -45.92  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | M | Edge_1RB_Left | 12000 | 20000 | -46.21  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Left | 0.009 | 0.15  | -107.27 | -33 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Left | 0.15  | 30    | -92.50  | -23 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Left | 30    | 1000  | -59.66  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Left | 1000  | 3000  | -48.48  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Left | 3000  | 12000 | -45.78  | -13 | PASS |
| N71 | 15 | 15 | DFT-PI2BPSK | H | Edge_1RB_Left | 12000 | 20000 | -46.07  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Left | 0.009 | 0.15  | -107.54 | -33 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Left | 0.15  | 30    | -92.49  | -23 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Left | 30    | 1000  | -55.68  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Left | 1000  | 3000  | -48.35  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Left | 3000  | 12000 | -45.89  | -13 | PASS |
| N71 | 15 | 15 | DFT-QPSK    | H | Edge_1RB_Left | 12000 | 20000 | -46.38  | -13 | PASS |



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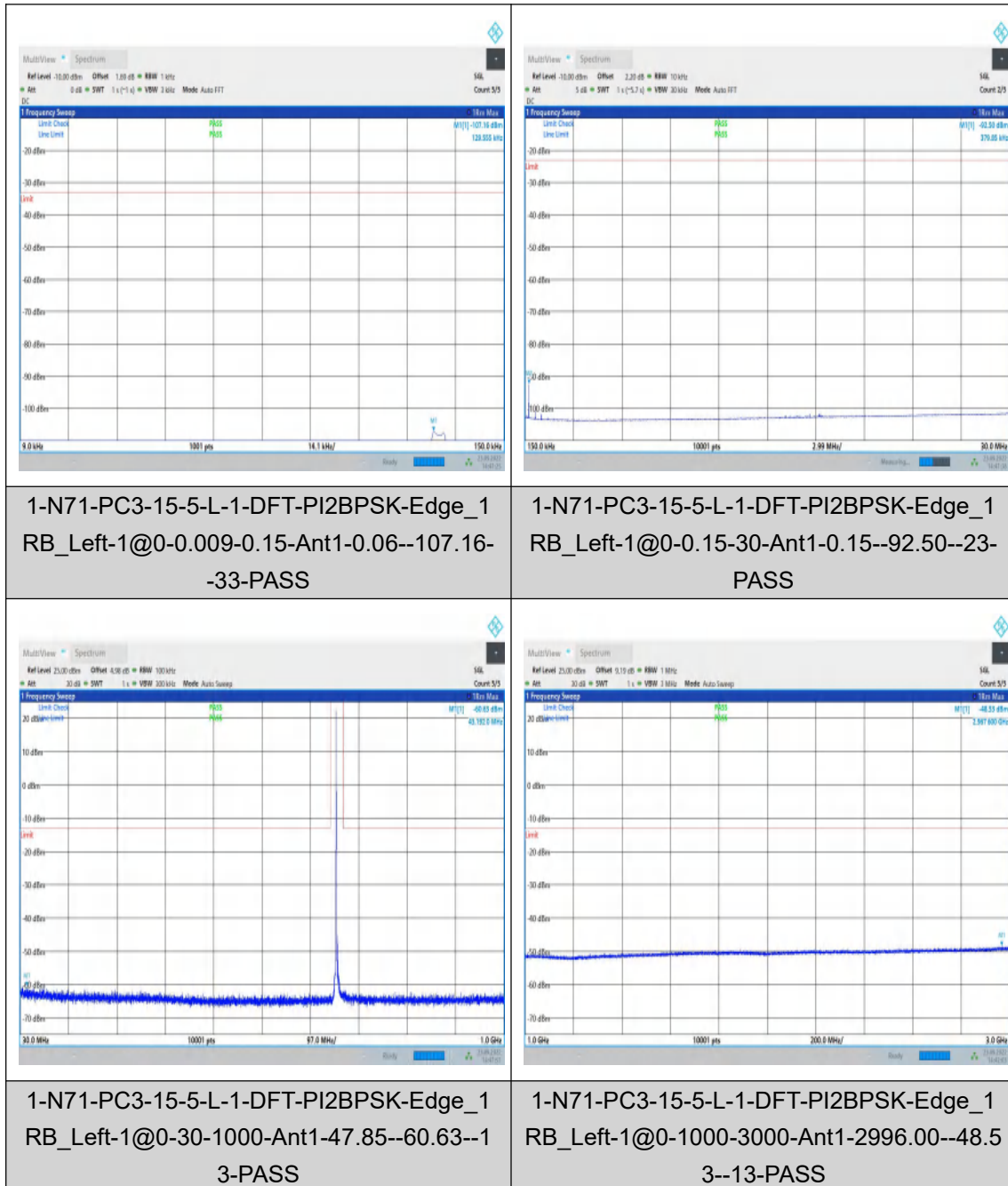
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|     |    |    |             |   |               |       |       |         |     |      |
|-----|----|----|-------------|---|---------------|-------|-------|---------|-----|------|
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Left | 0.009 | 0.15  | -107.24 | -33 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Left | 0.15  | 30    | -92.52  | -23 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Left | 30    | 1000  | -60.79  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Left | 1000  | 3000  | -47.00  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Left | 3000  | 12000 | -46.08  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Edge_1RB_Left | 12000 | 20000 | -46.51  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Left | 0.009 | 0.15  | -107.18 | -33 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Left | 0.15  | 30    | -92.51  | -23 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Left | 30    | 1000  | -60.51  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Left | 1000  | 3000  | -48.47  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Left | 3000  | 12000 | -45.82  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Edge_1RB_Left | 12000 | 20000 | -46.47  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Left | 0.009 | 0.15  | -107.22 | -33 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Left | 0.15  | 30    | -92.57  | -23 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Left | 30    | 1000  | -60.51  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Left | 1000  | 3000  | -47.10  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Left | 3000  | 12000 | -45.93  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Edge_1RB_Left | 12000 | 20000 | -46.50  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Left | 0.009 | 0.15  | -107.34 | -33 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Left | 0.15  | 30    | -92.51  | -23 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Left | 30    | 1000  | -60.54  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Left | 1000  | 3000  | -48.34  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Left | 3000  | 12000 | -45.88  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Edge_1RB_Left | 12000 | 20000 | -46.40  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Left | 0.009 | 0.15  | -107.33 | -33 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Left | 0.15  | 30    | -92.54  | -23 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Left | 30    | 1000  | -60.65  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Left | 1000  | 3000  | -48.39  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Left | 3000  | 12000 | -45.85  | -13 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Edge_1RB_Left | 12000 | 20000 | -46.52  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Left | 0.009 | 0.15  | -107.28 | -33 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Left | 0.15  | 30    | -92.53  | -23 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Left | 30    | 1000  | -60.70  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Left | 1000  | 3000  | -48.47  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Left | 3000  | 12000 | -46.10  | -13 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Edge_1RB_Left | 12000 | 20000 | -46.42  | -13 | PASS |



## Test Graphs

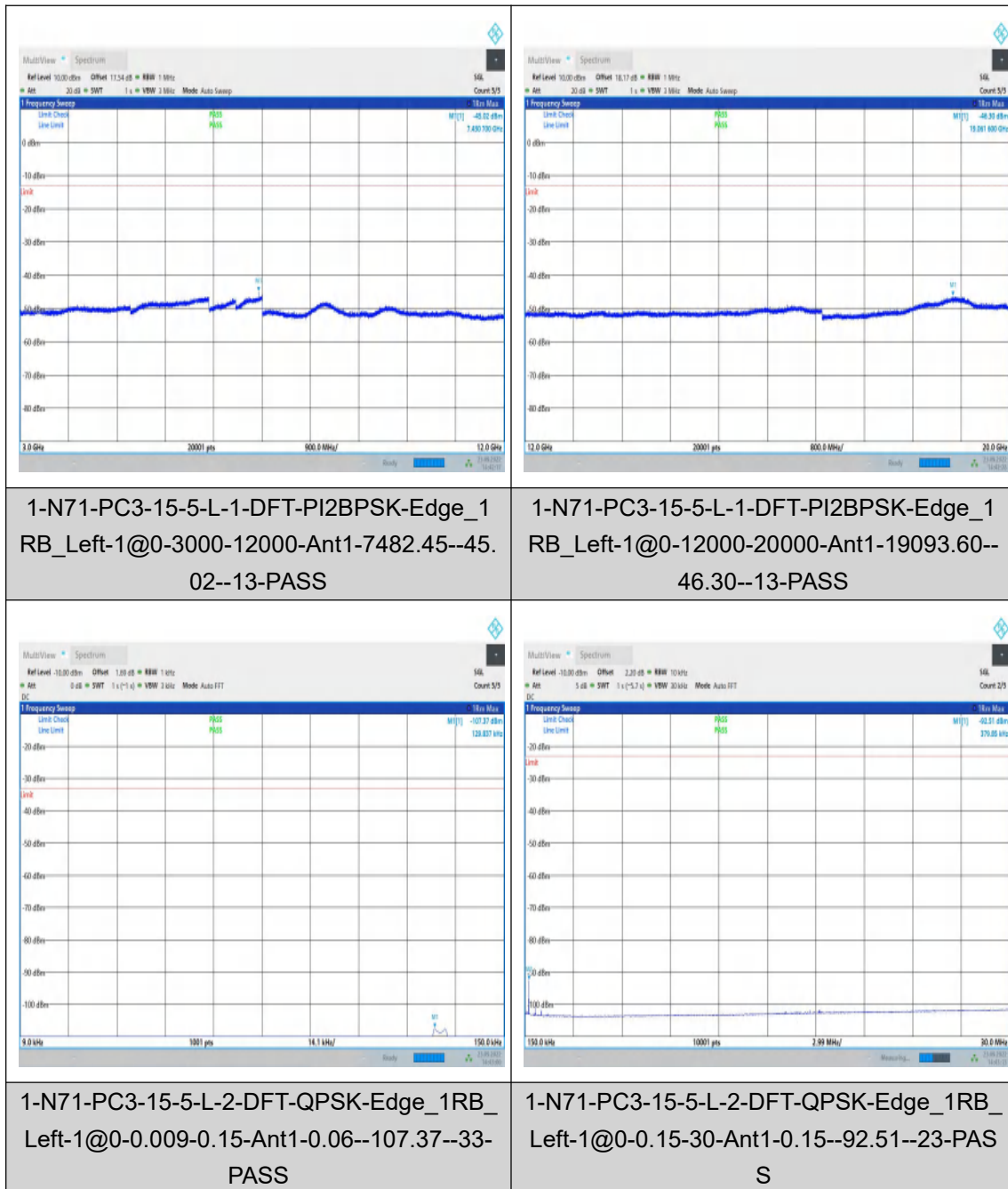


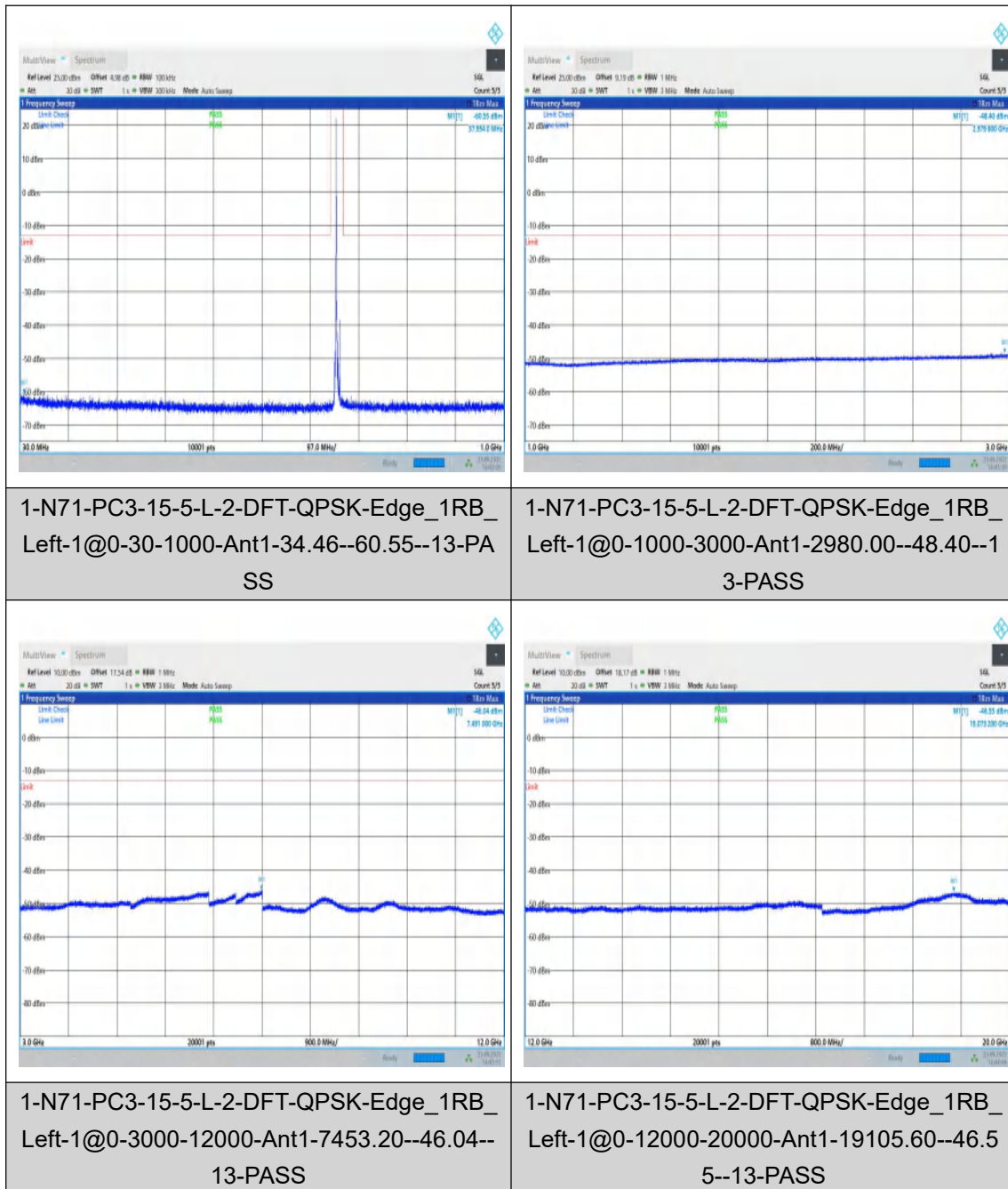


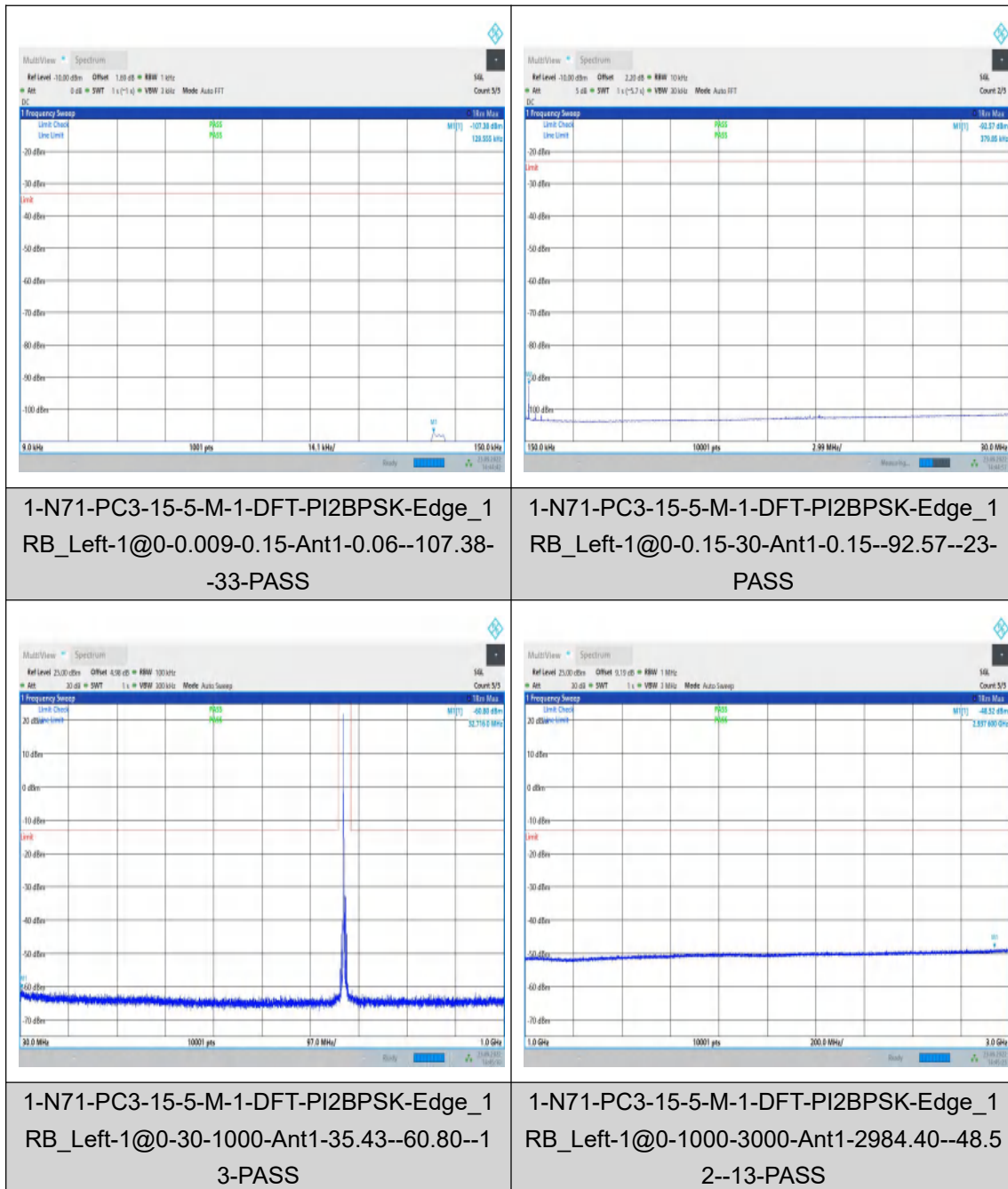
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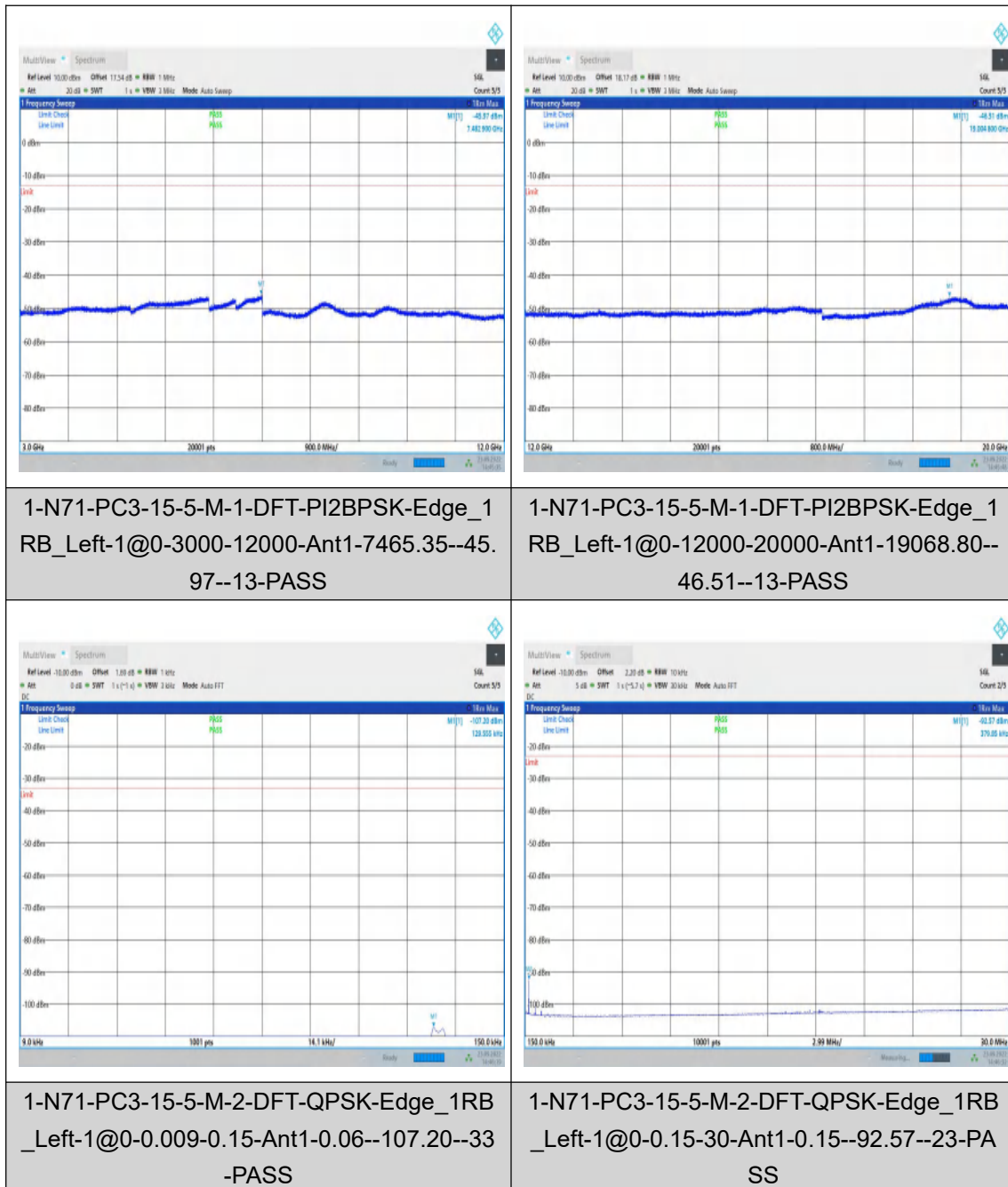


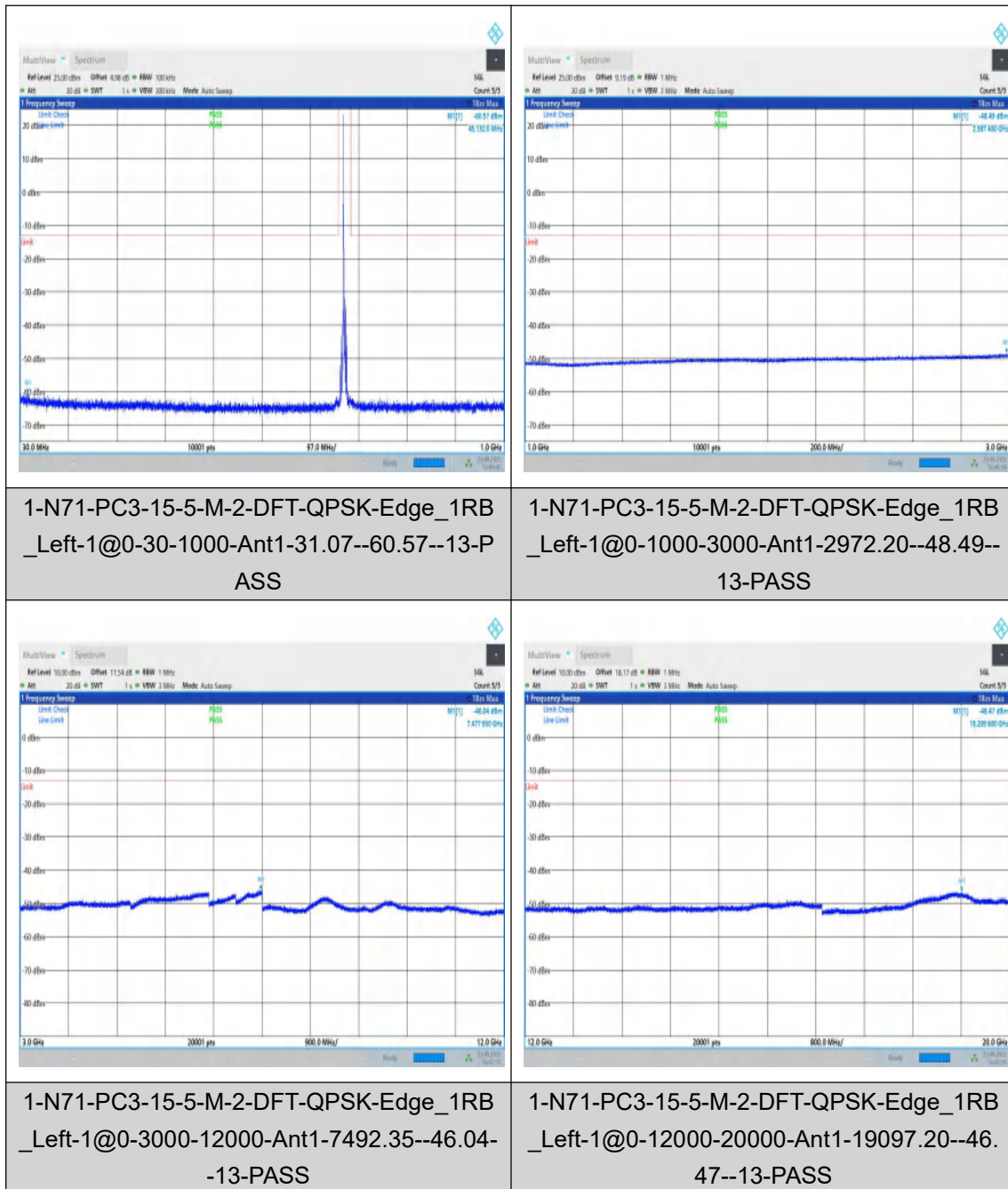


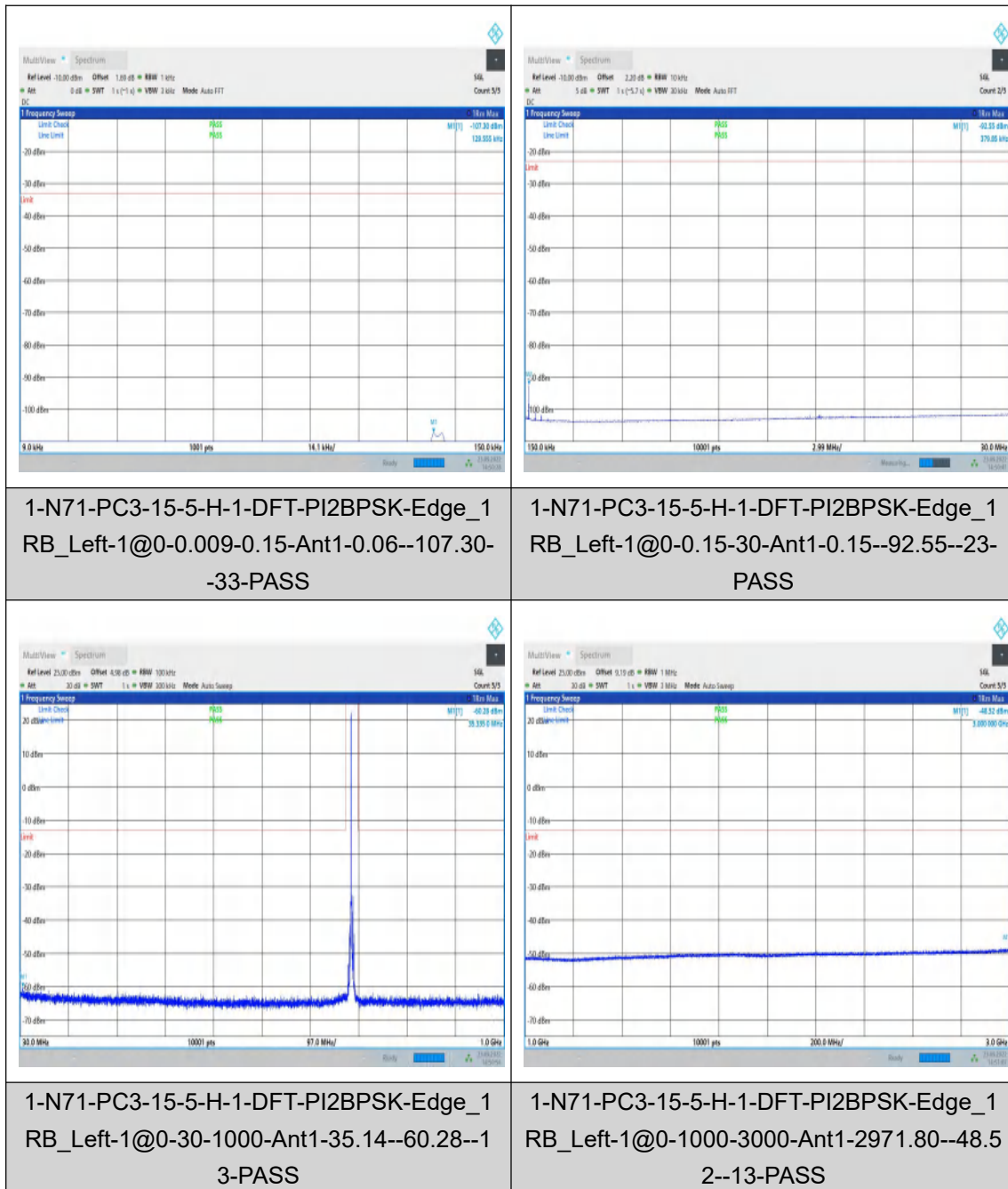
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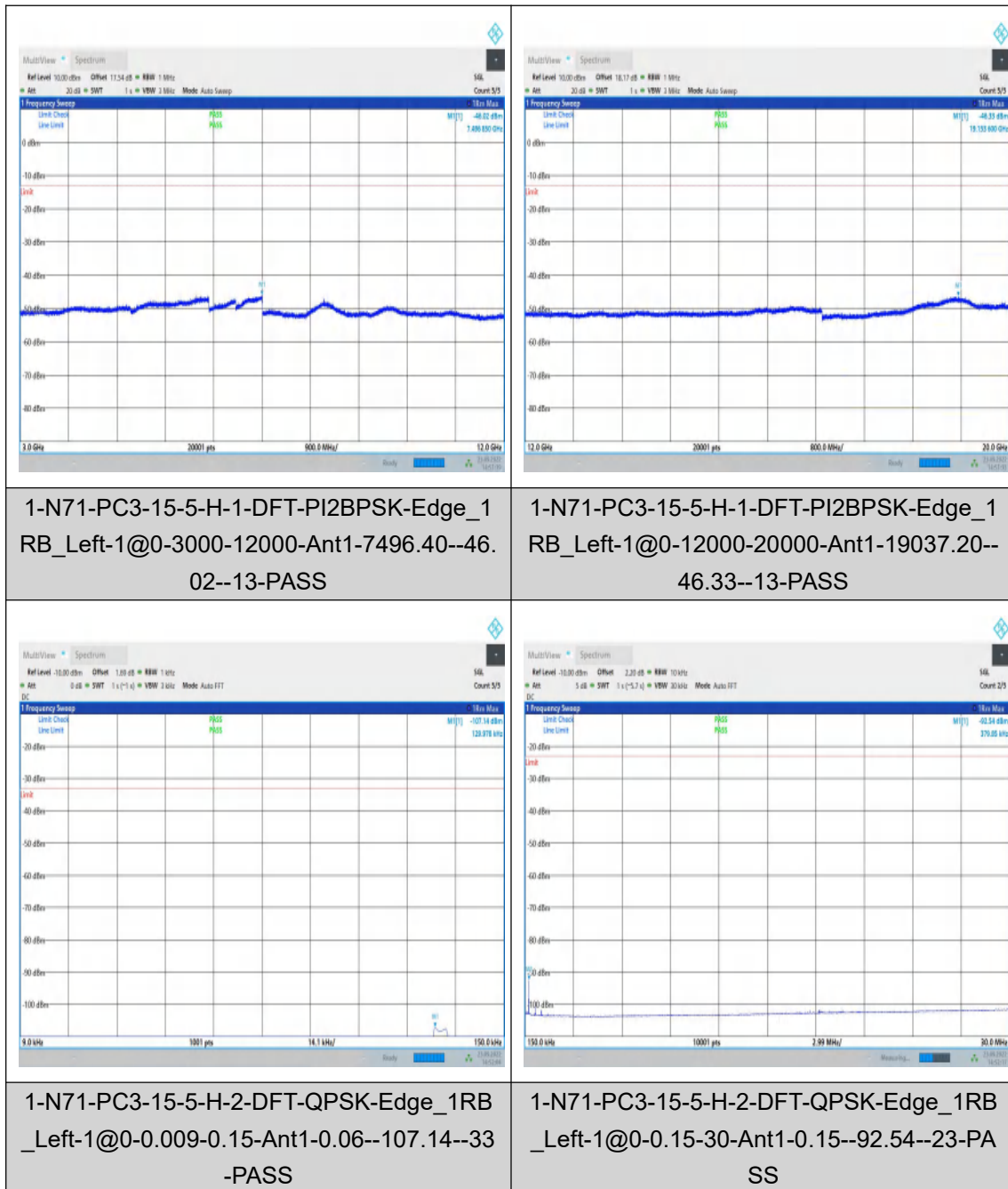


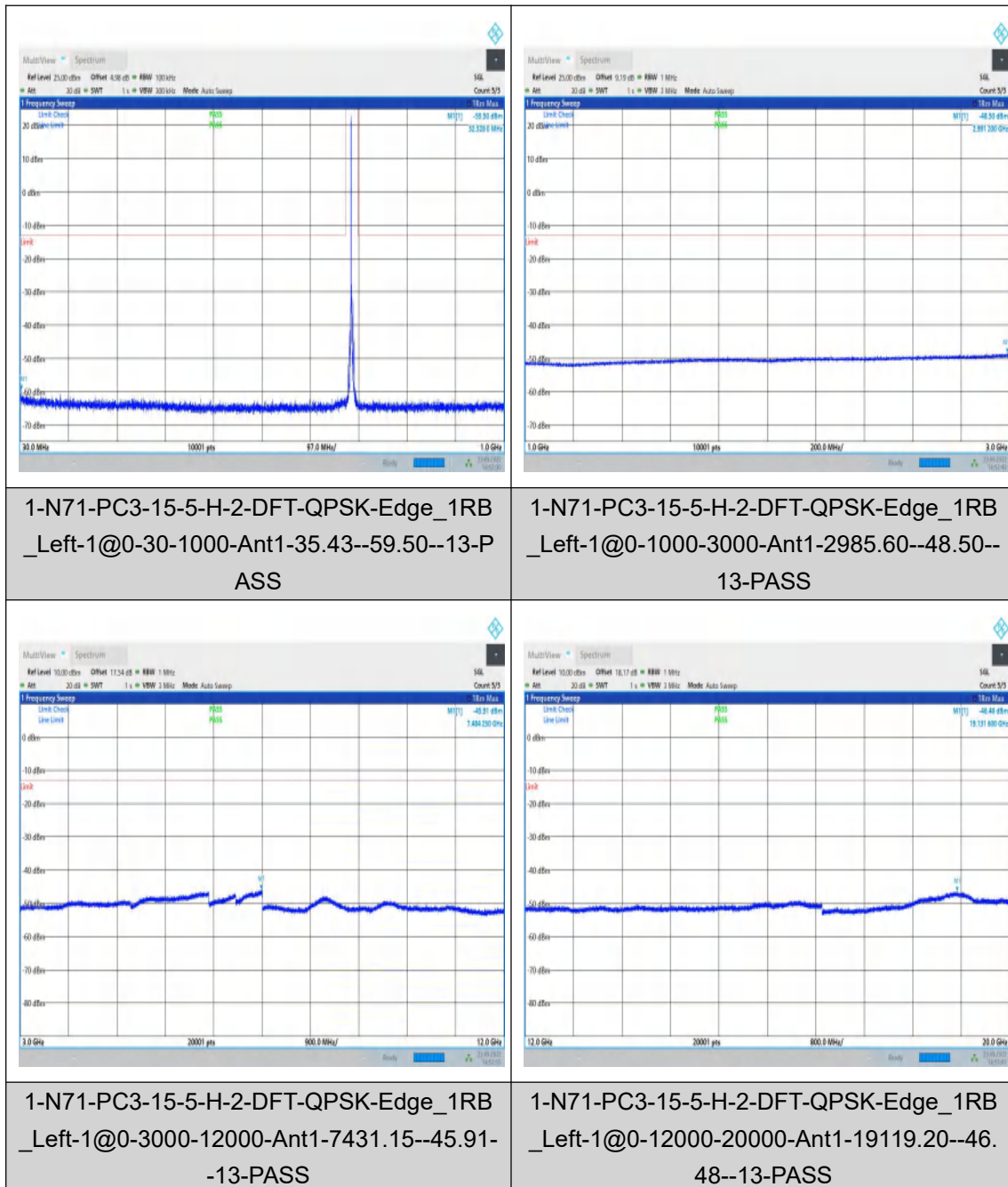


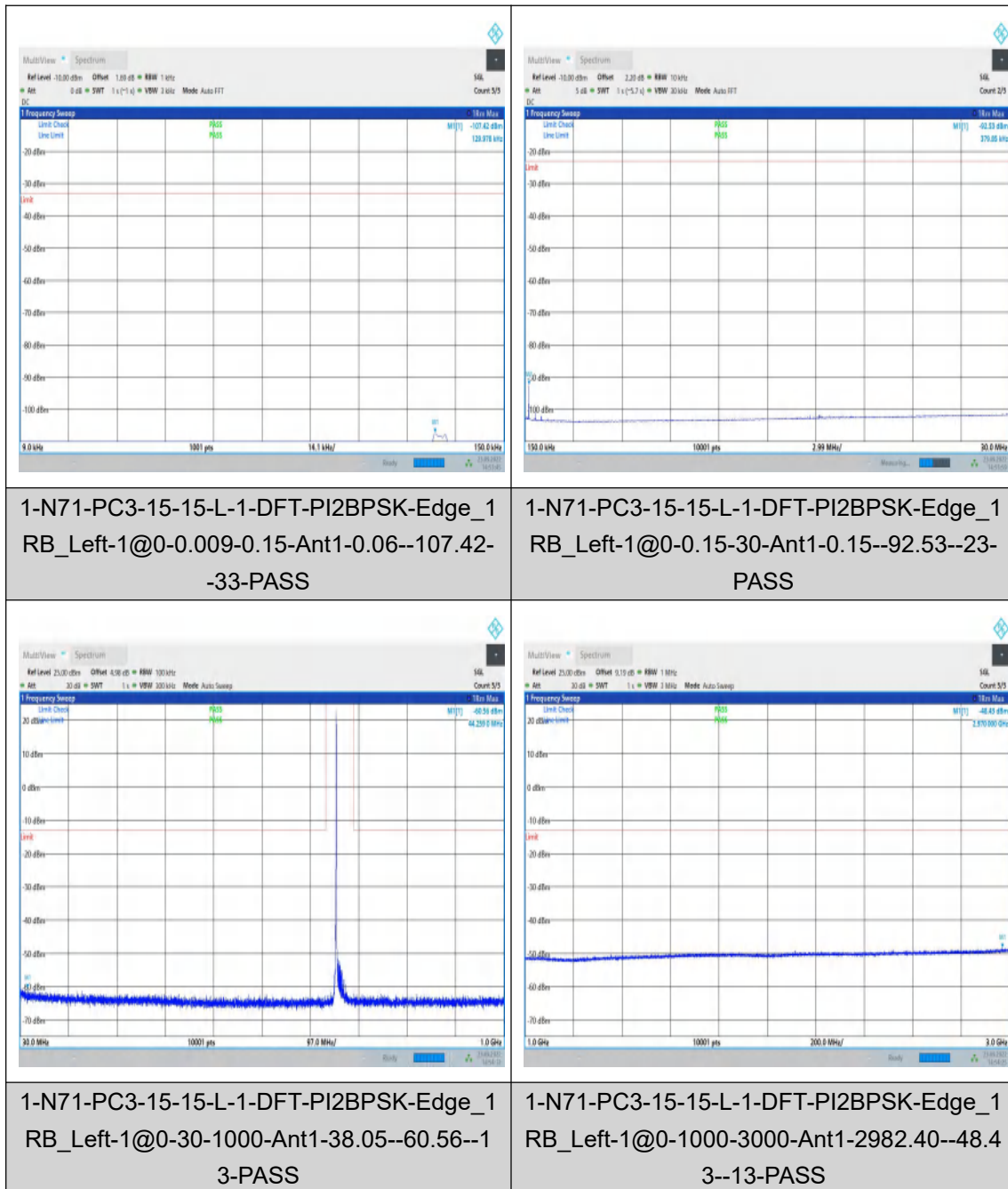
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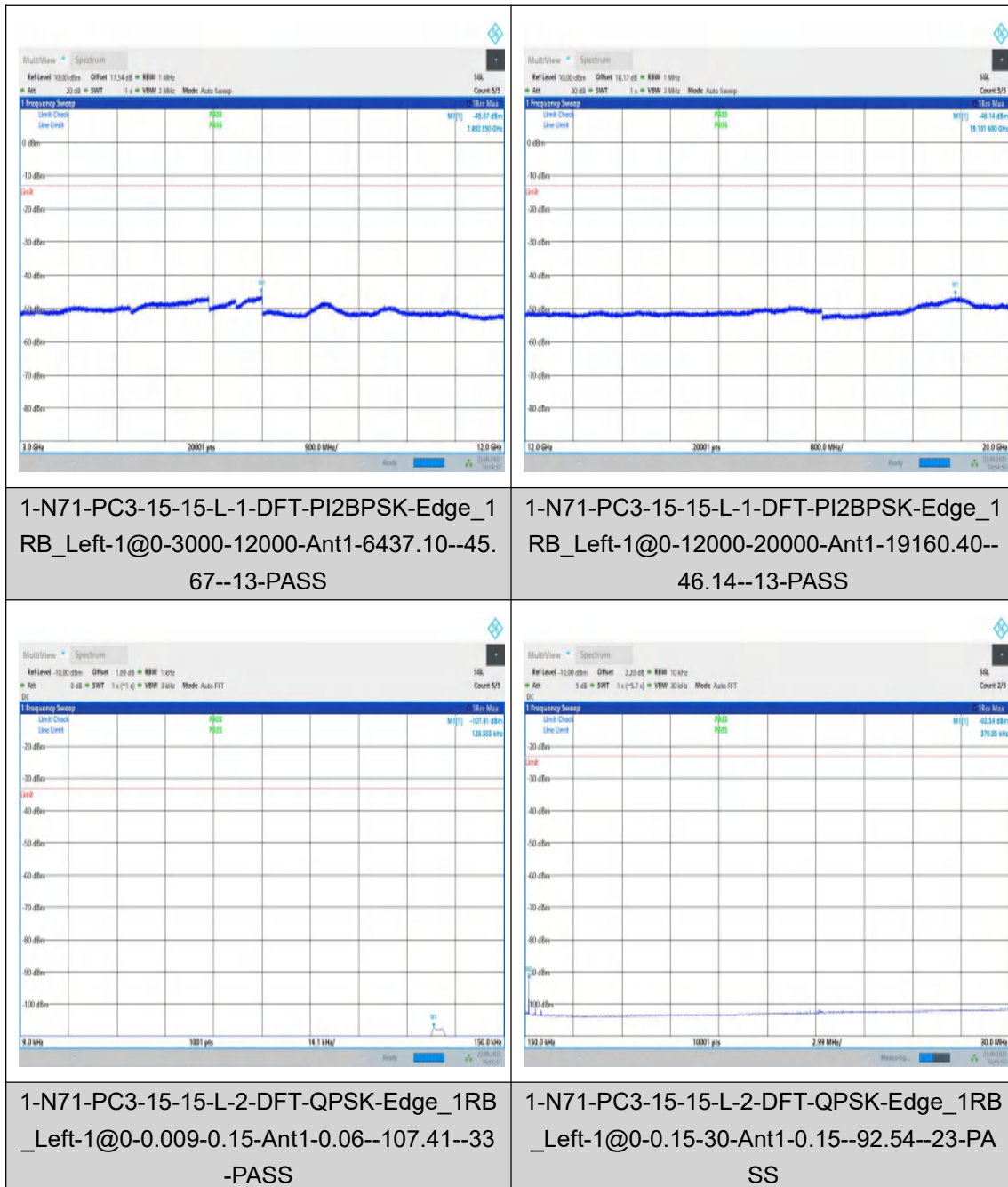
Test Report No.: FCC2022-0064-RF9-A12

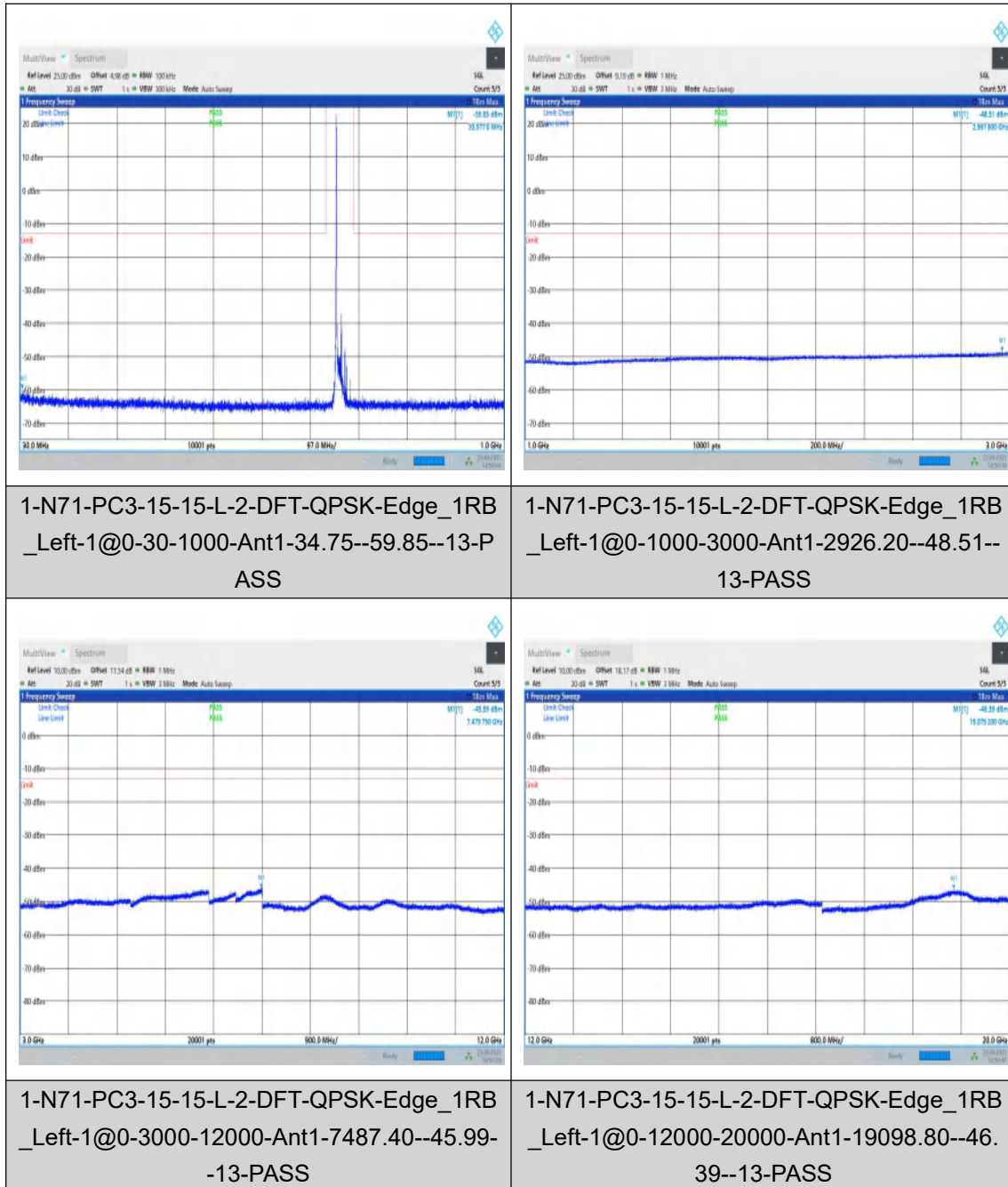
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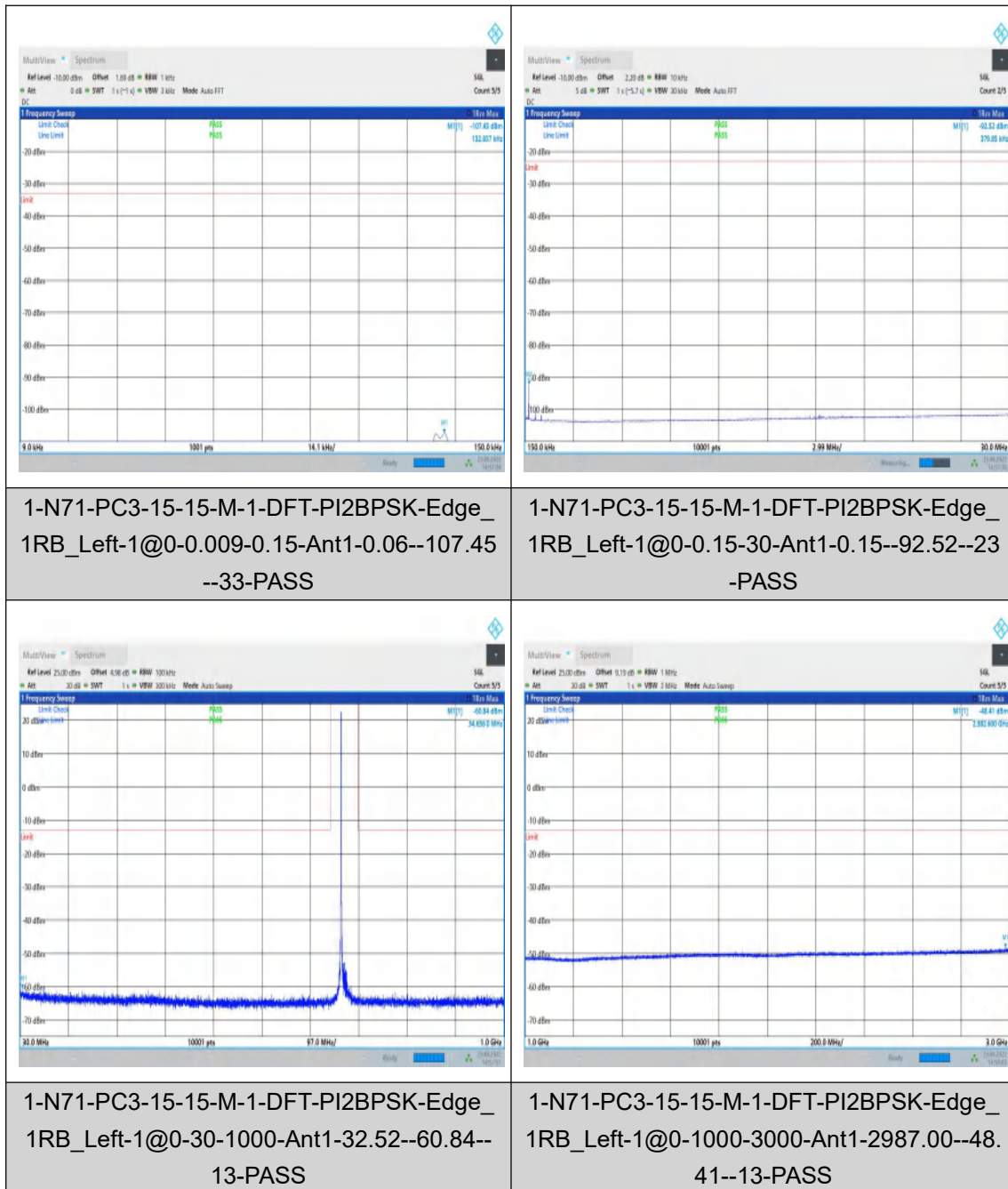










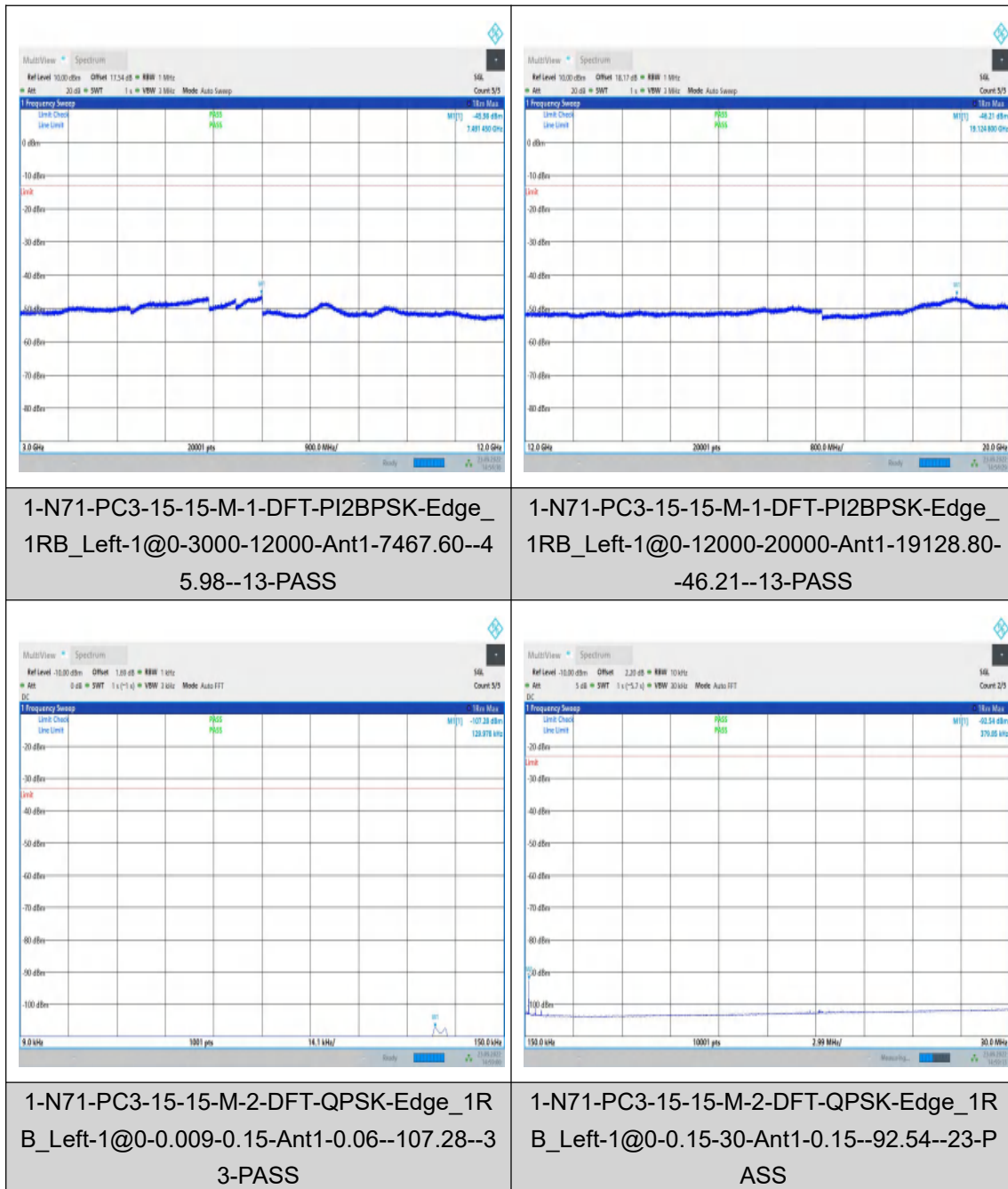


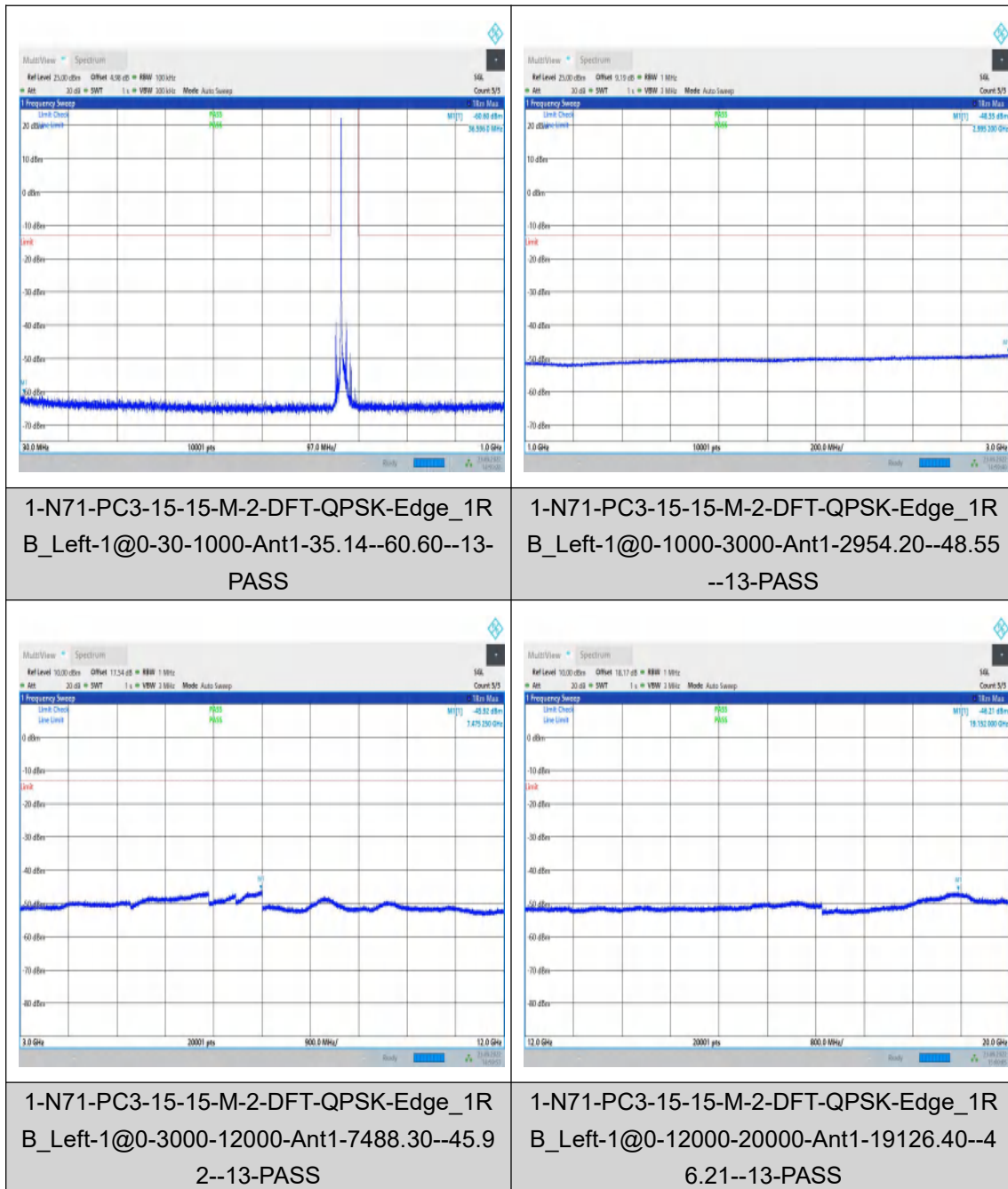


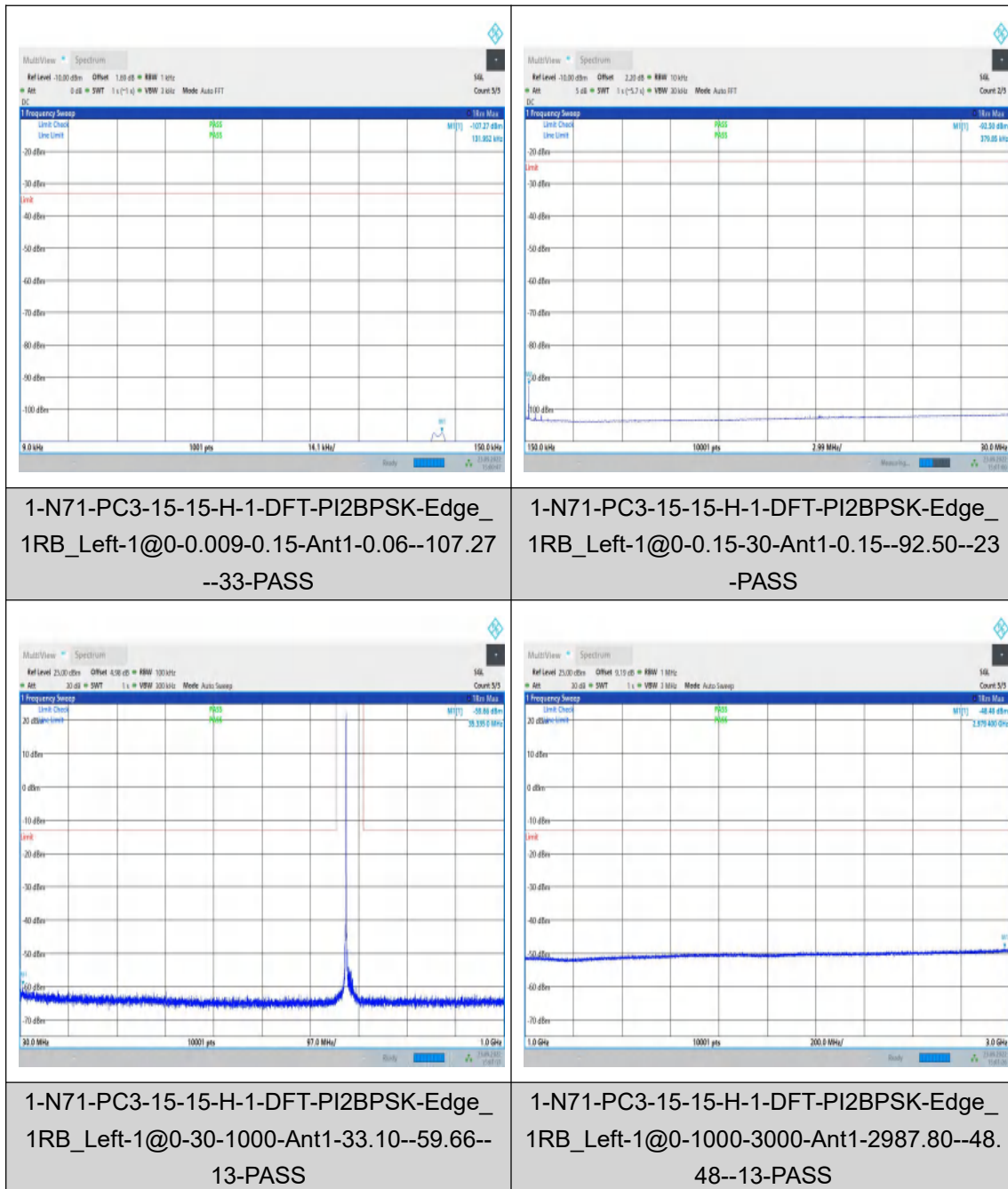
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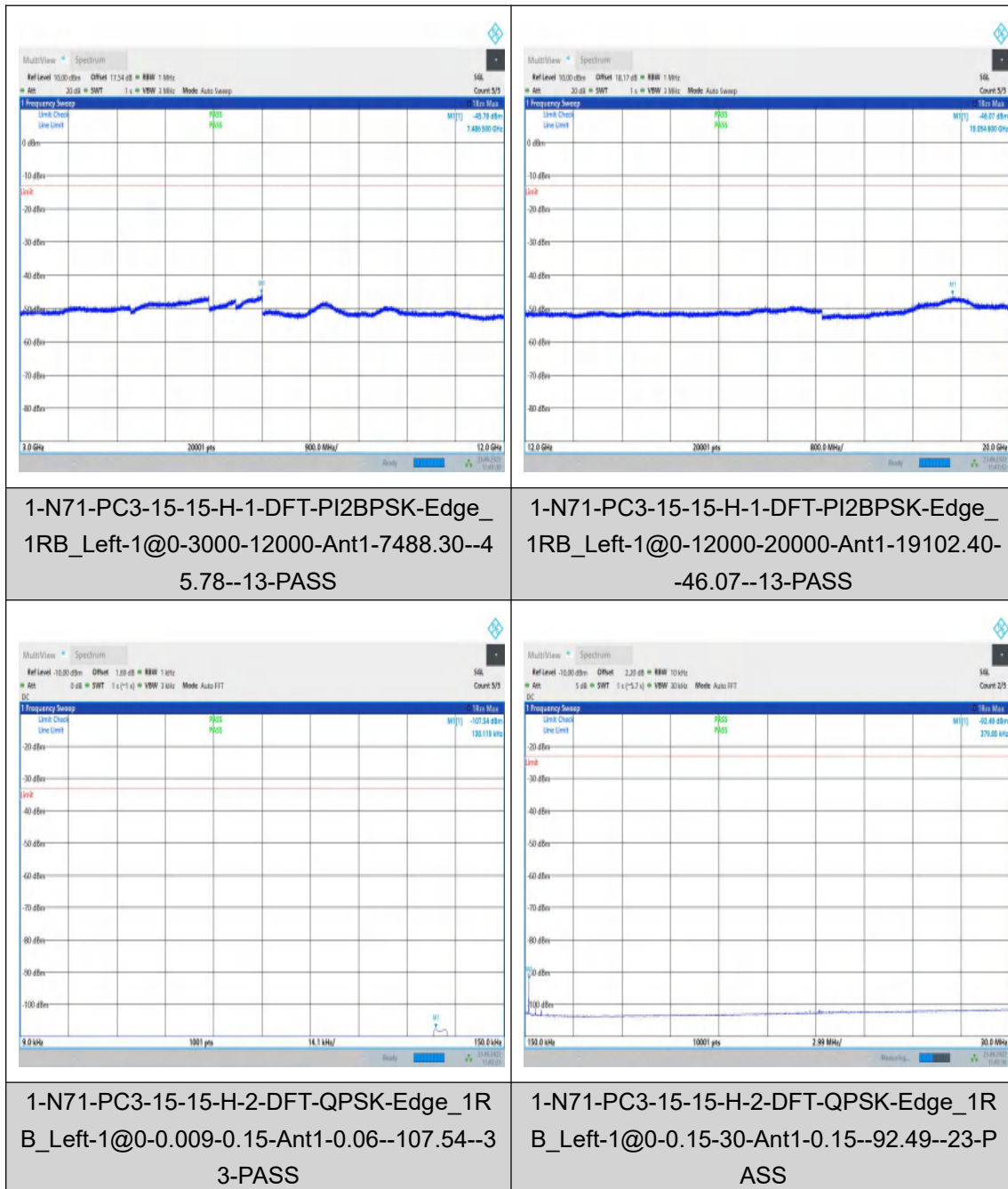


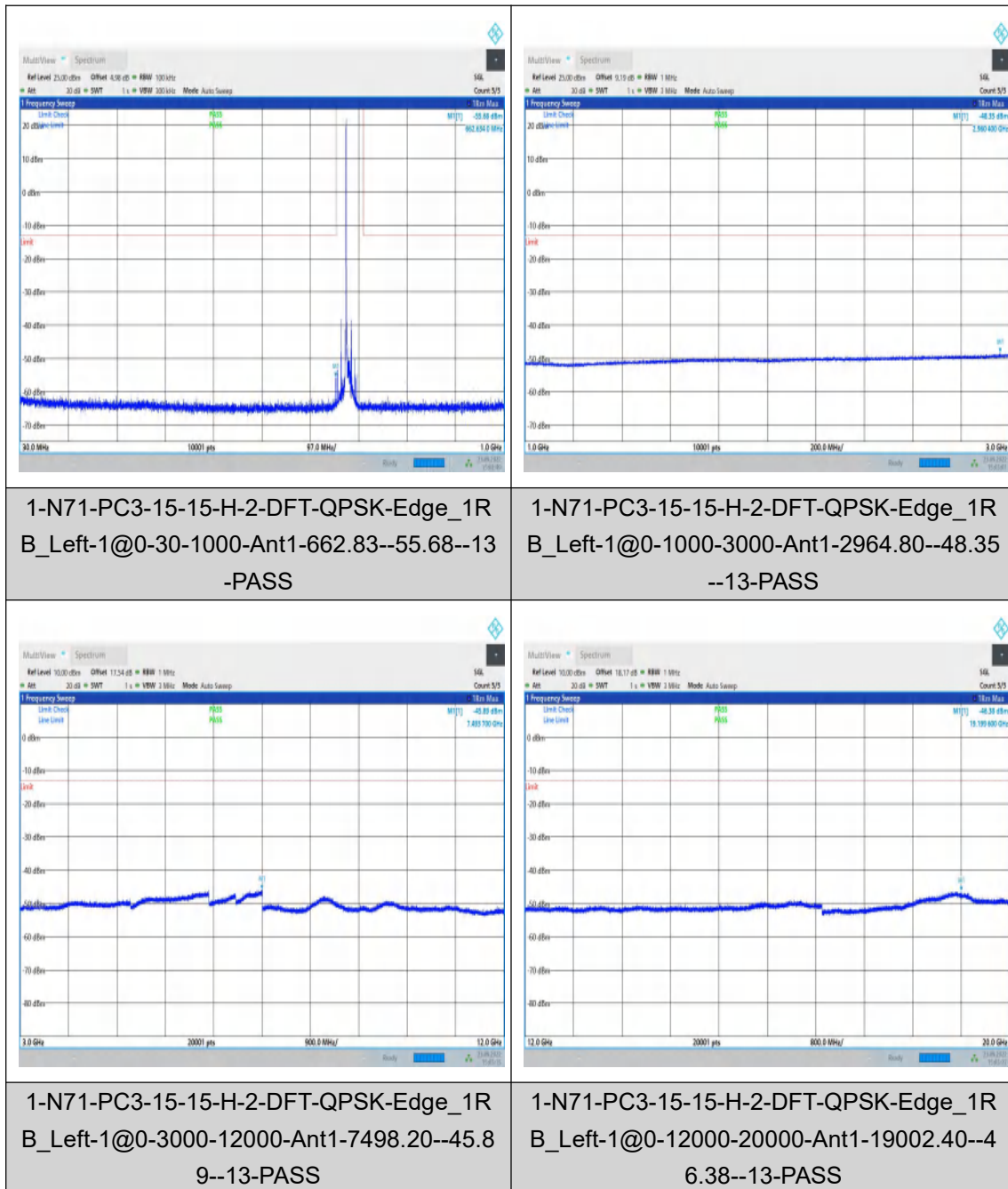


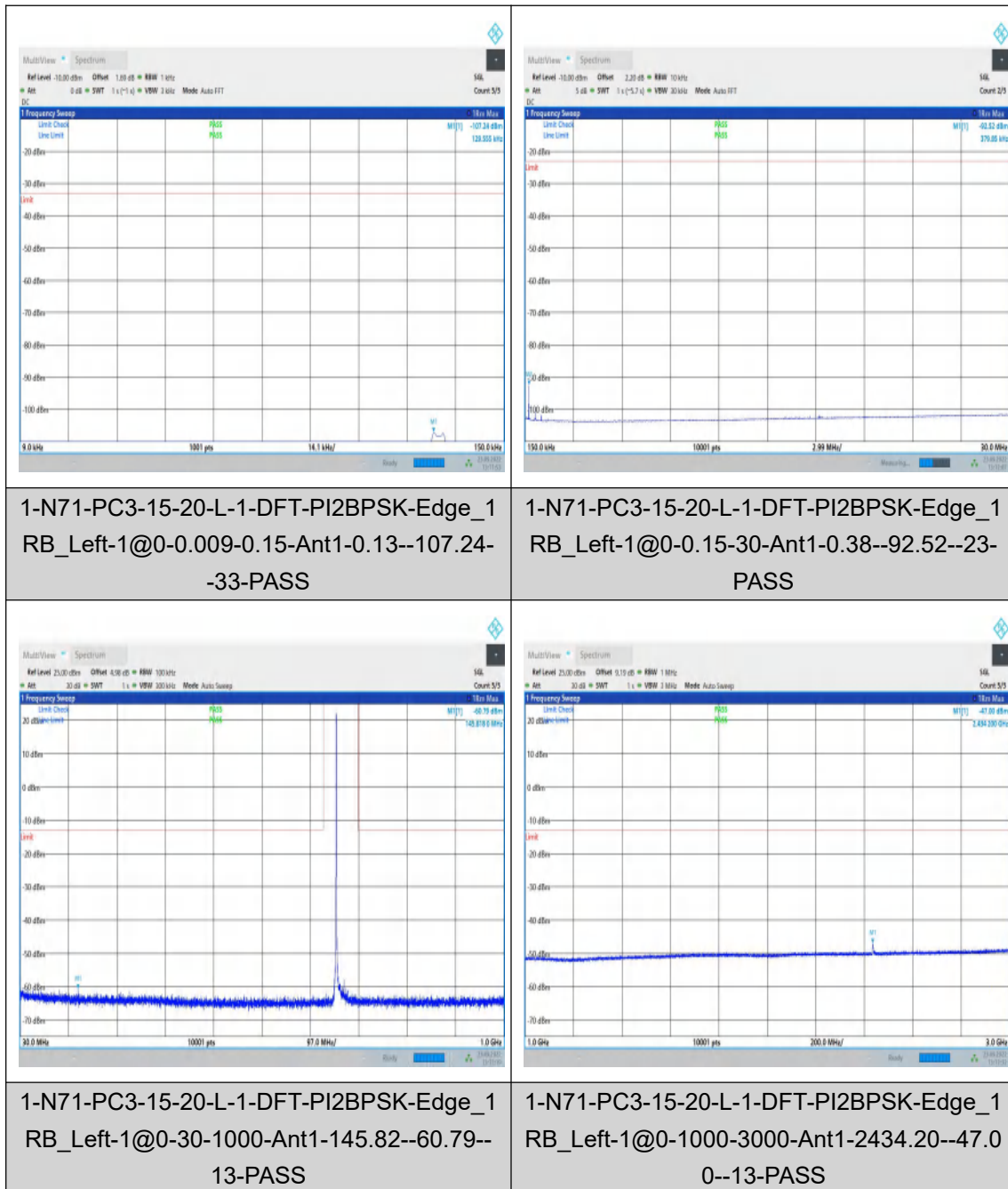
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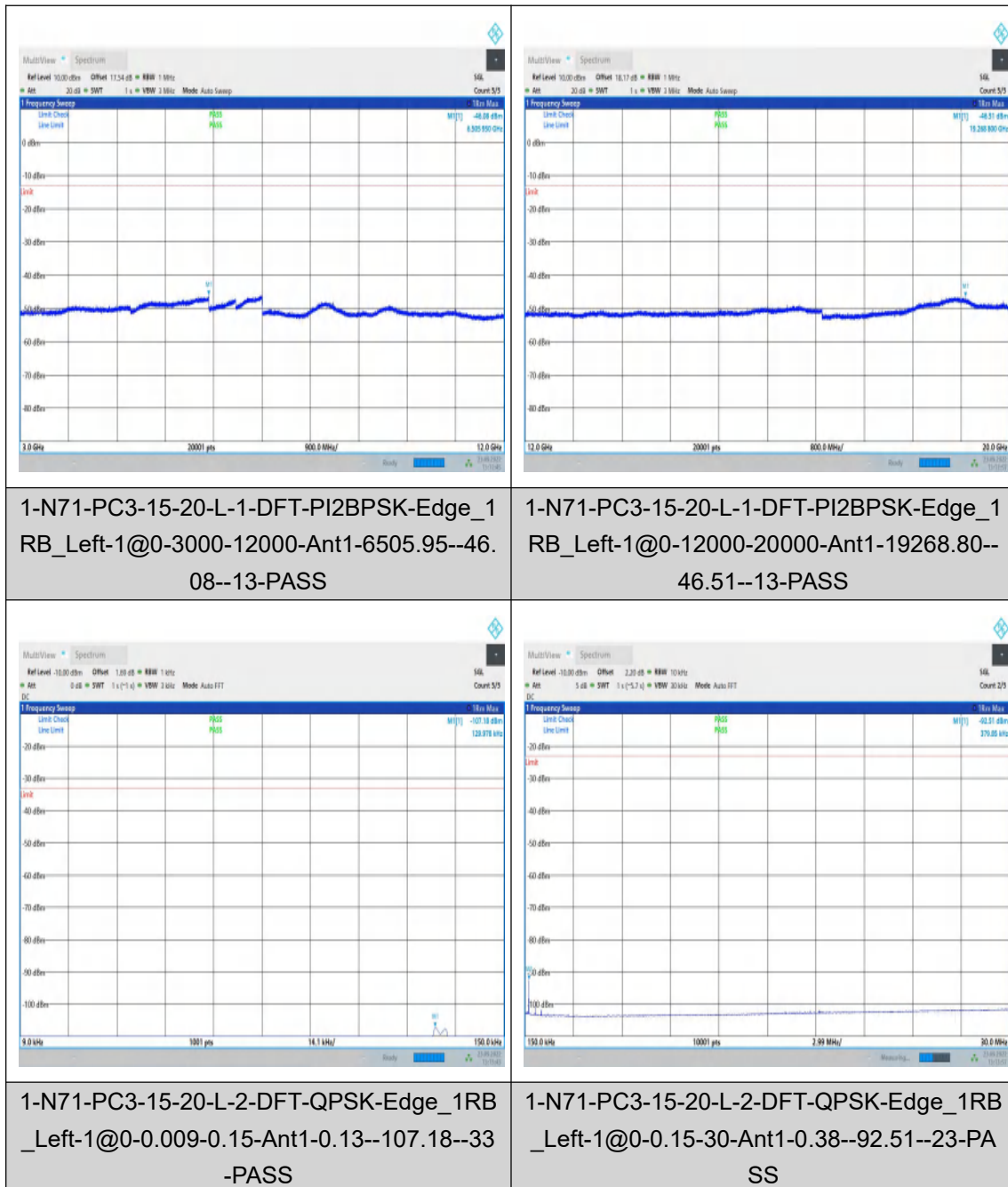
Test Report No.: FCC2022-0064-RF9-A12

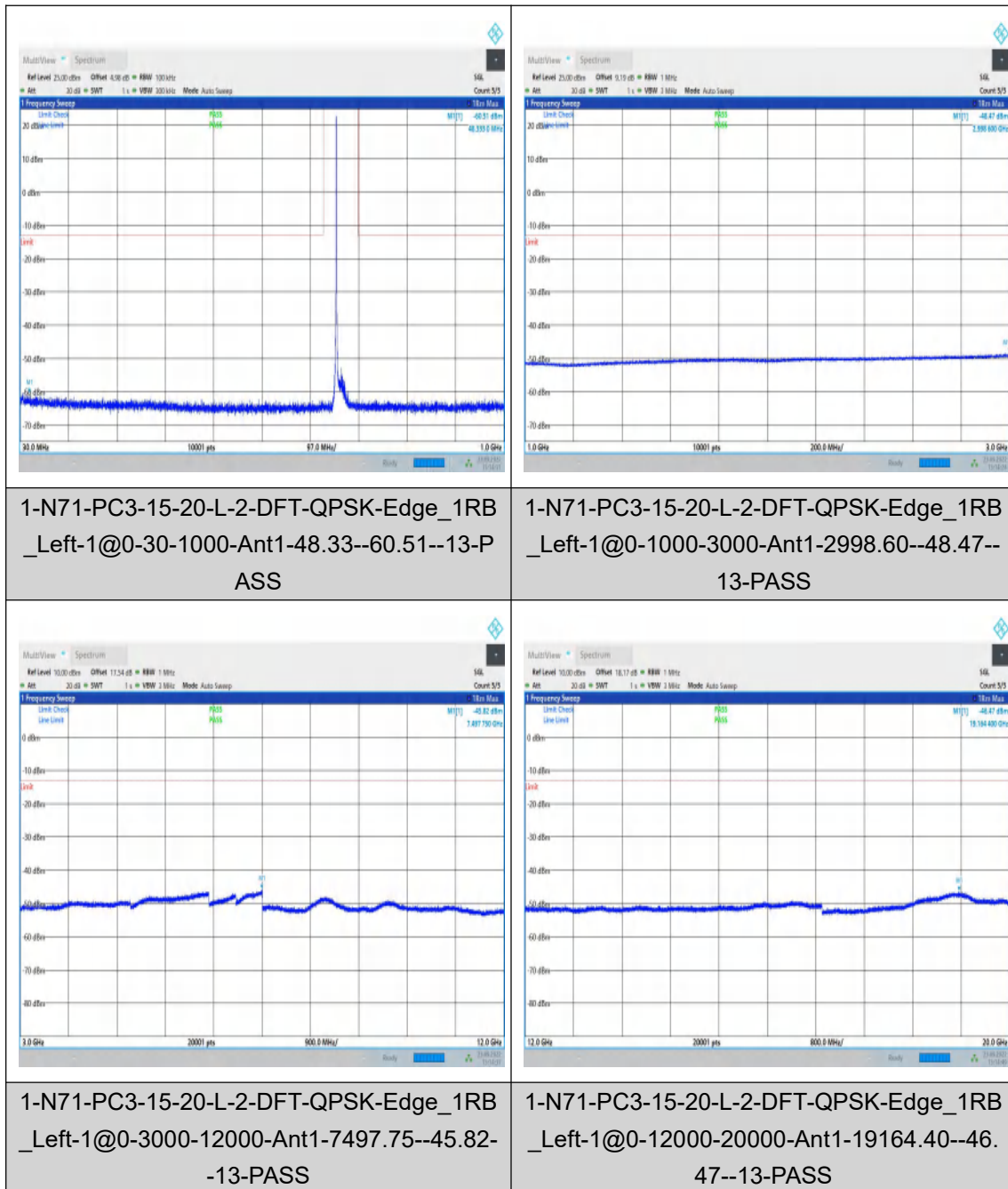
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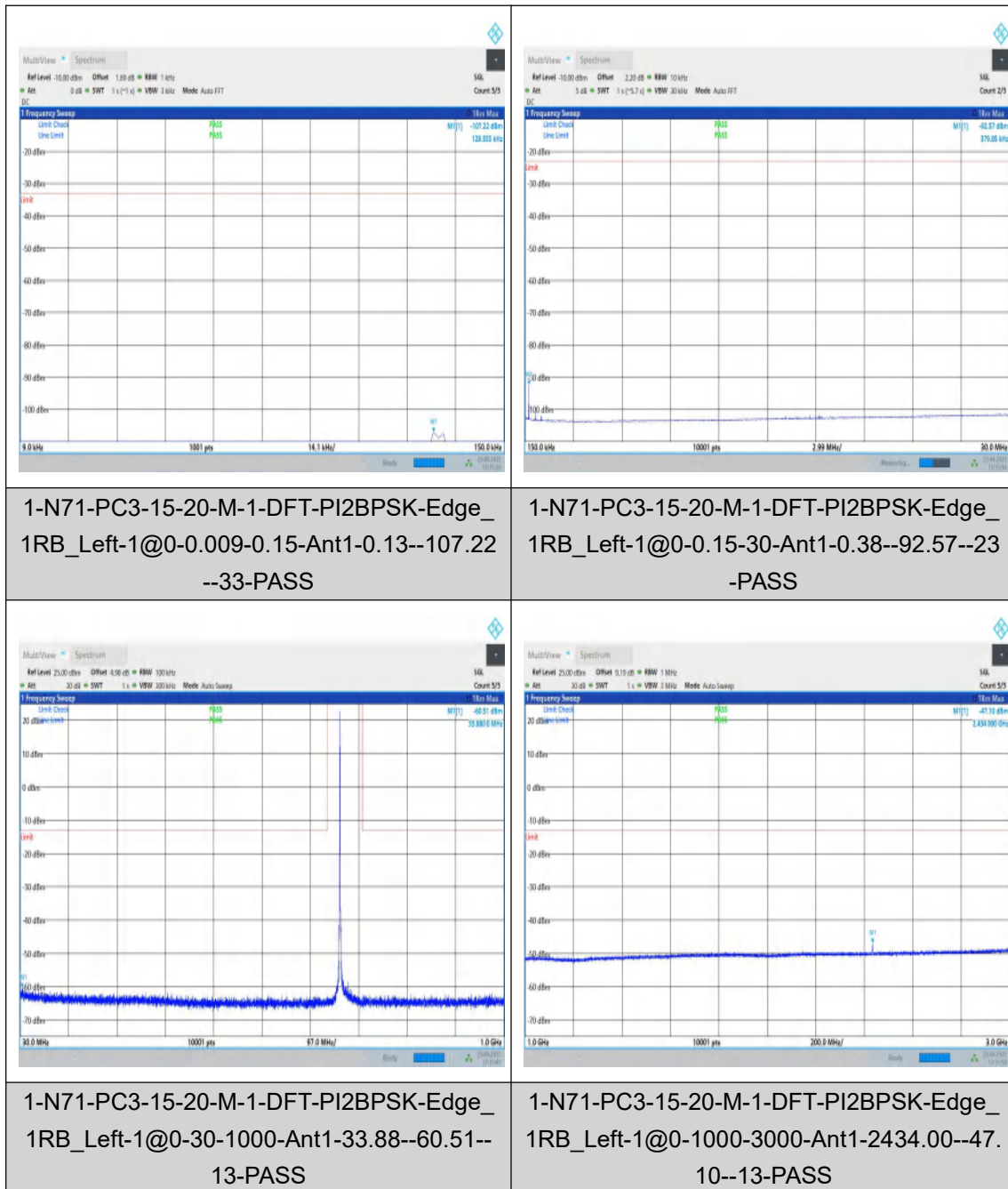










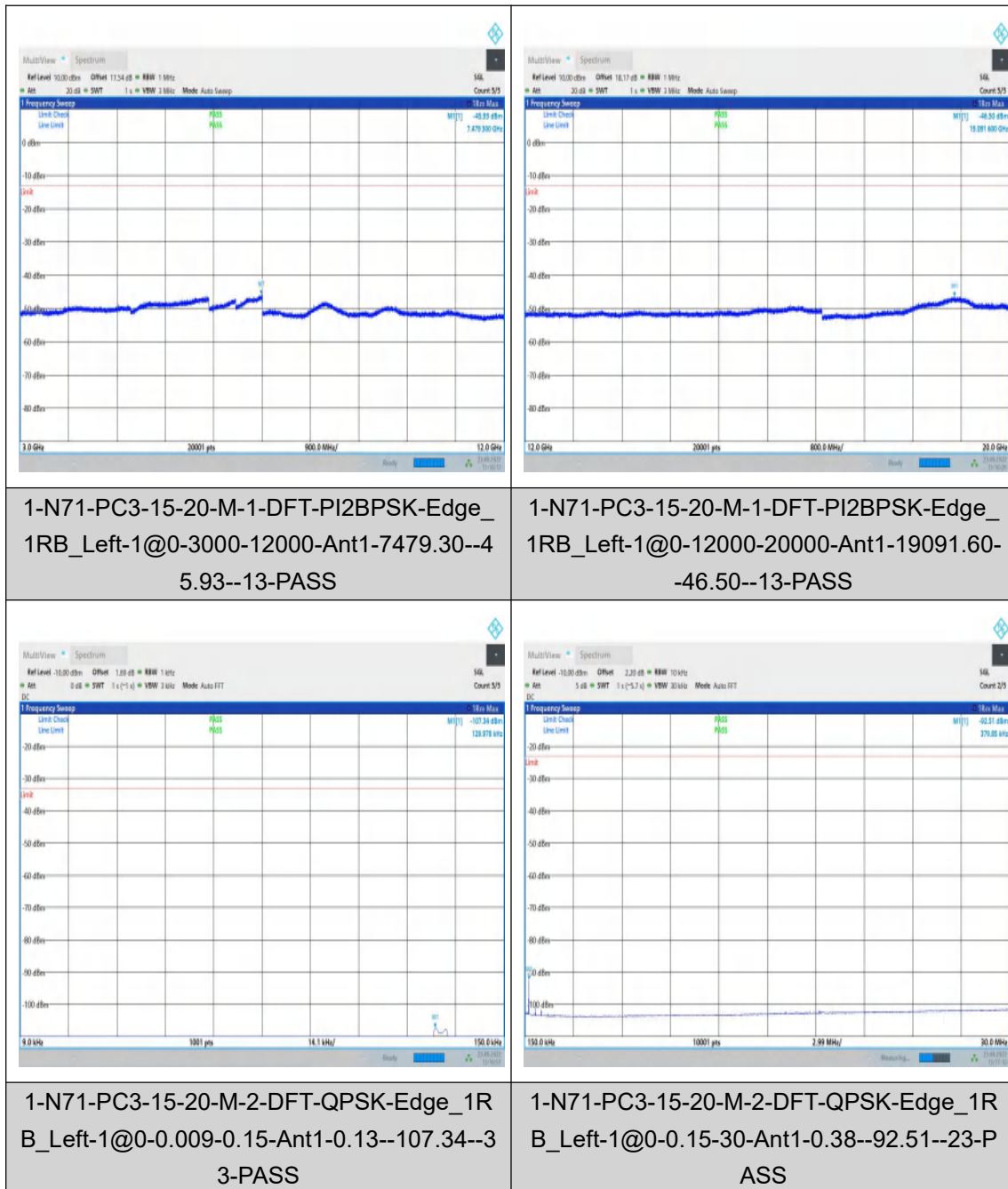


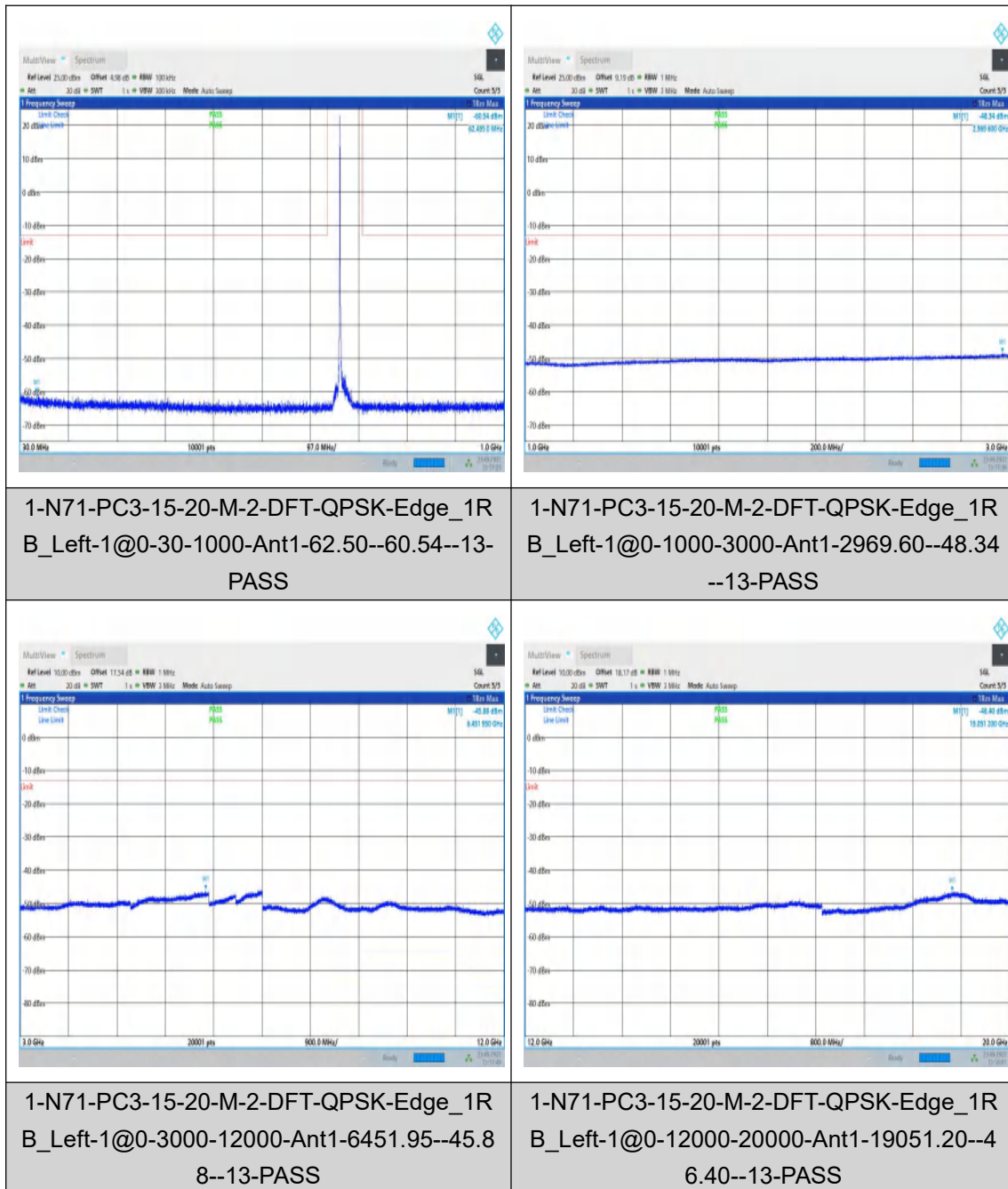


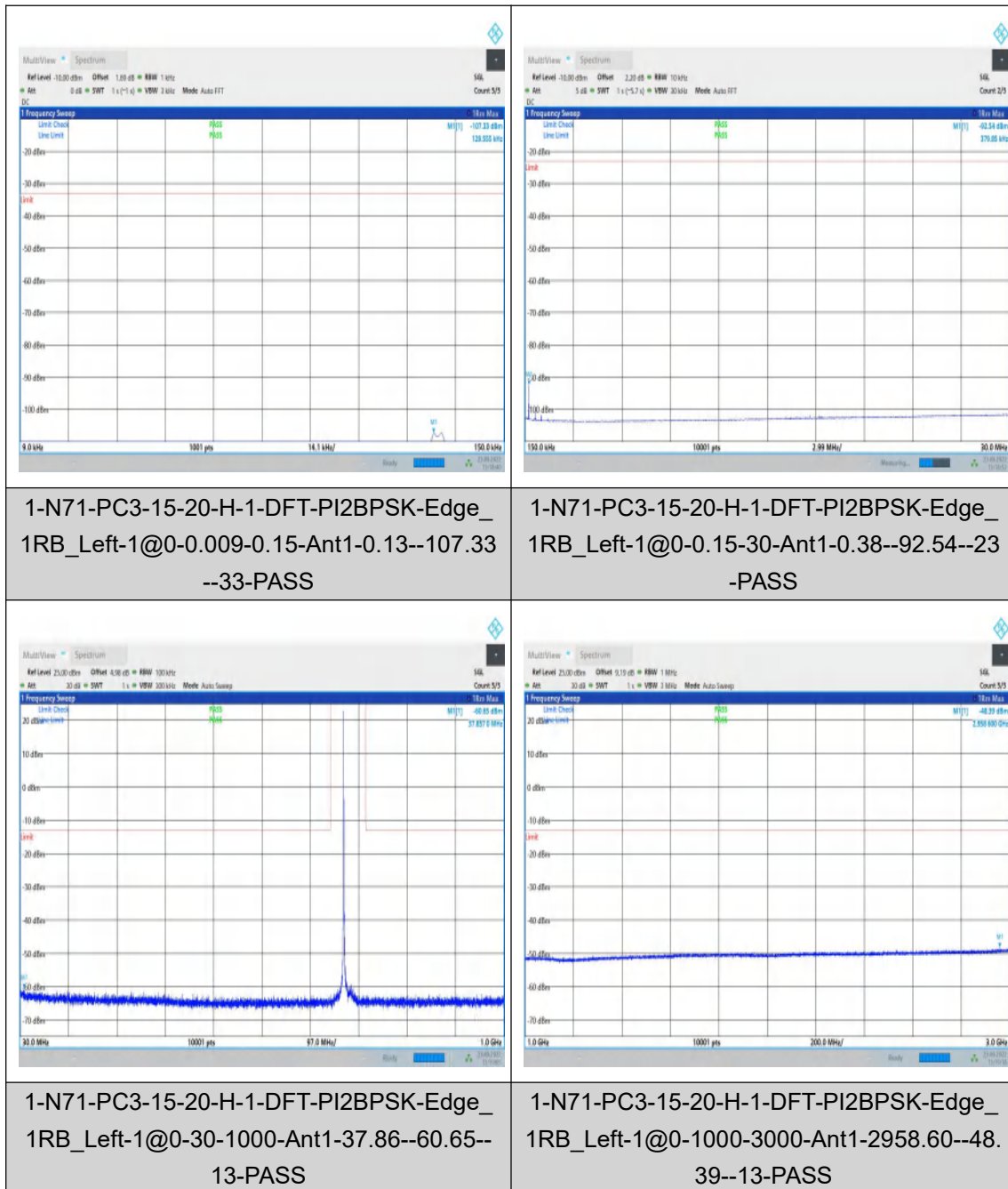
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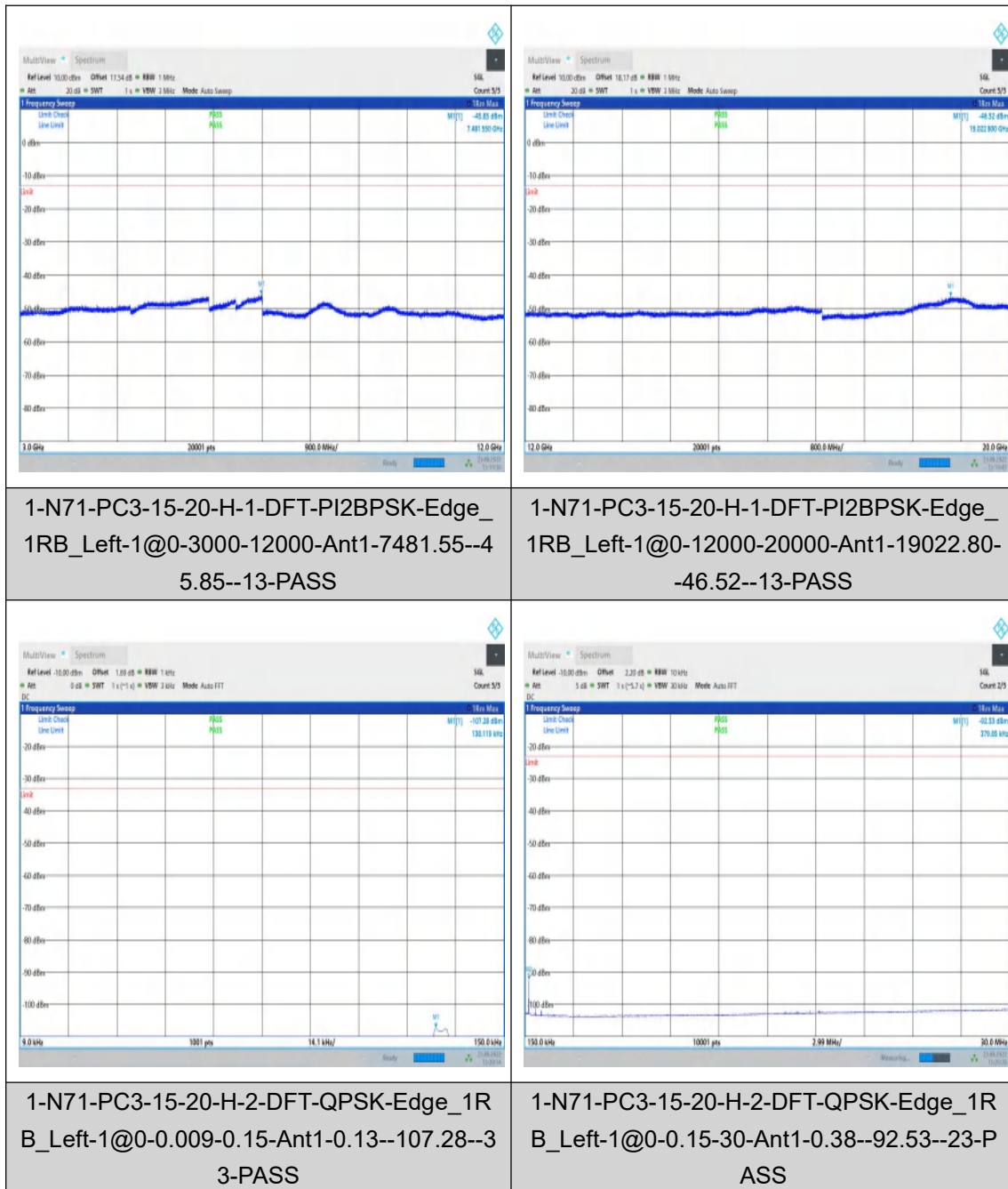
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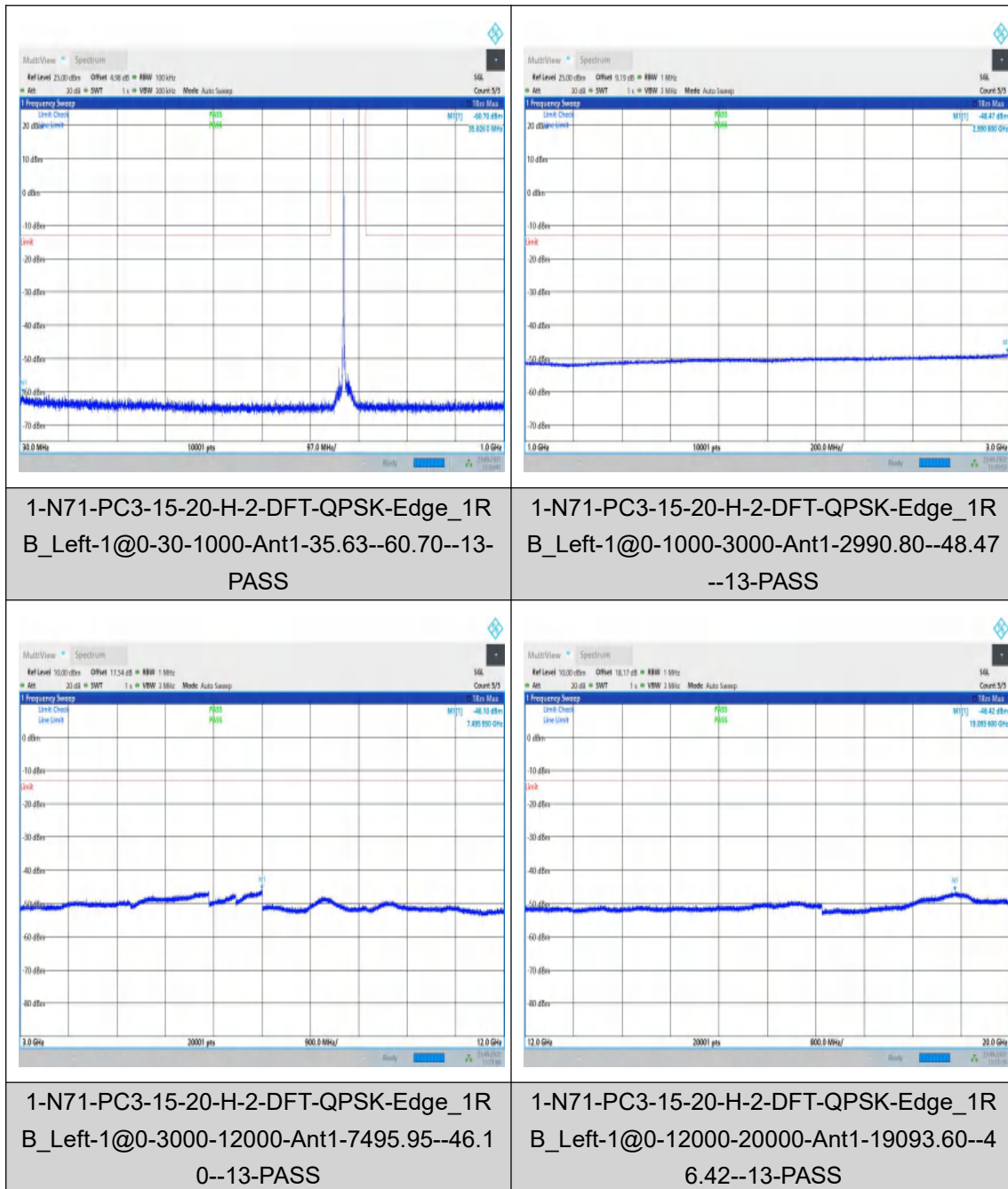
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## Appendix F: Frequency Stability for SA

### Test Result

#### Frequency Error VS. Voltage

| Voltage |     |           |             |         |            |         |             |               |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | VH      | NT          | -6.200000     | -0.009212       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | VL      | NT          | -6.500000     | -0.009658       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | VN      | NT          | -7.100000     | -0.010550       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | L       | Outer_Full | VN      | NT          | -7.300000     | -0.010847       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | L       | Outer_Full | VH      | NT          | -6.200000     | -0.009212       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | L       | Outer_Full | VL      | NT          | -8.400000     | -0.012481       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VH      | NT          | -7.800000     | -0.011462       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VL      | NT          | -8.900000     | -0.013079       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VN      | NT          | -7.200000     | -0.010580       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | M       | Outer_Full | VL      | NT          | -8.100000     | -0.011903       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | M       | Outer_Full | VH      | NT          | -8.700000     | -0.012785       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | M       | Outer_Full | VN      | NT          | -8.800000     | -0.012932       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | H       | Outer_Full | VL      | NT          | -13.400000    | -0.019477       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | H       | Outer_Full | VH      | NT          | -10.900000    | -0.015843       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | H       | Outer_Full | VN      | NT          | -12.800000    | -0.018605       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | H       | Outer_Full | VH      | NT          | -13.200000    | -0.019186       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | H       | Outer_Full | VN      | NT          | -13.300000    | -0.019331       | PASS    |
| N71     | 15  | 20        | DFT-QPSK    | H       | Outer_Full | VL      | NT          | -12.700000    | -0.018459       | PASS    |

#### Frequency Error VS. Temperature

| Voltage |     |           |             |         |            |         |             |               |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | NV      | 10          | -7.400000     | -0.010996       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | NV      | 50          | -5.800000     | -0.008618       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | NV      | 40          | -5.300000     | -0.007875       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | NV      | 20          | -7.500000     | -0.011144       | PASS    |
| N71     | 15  | 20        | DFT-PI2BPSK | L       | Outer_Full | NV      | 0           | -5.400000     | -0.008024       | PASS    |



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|     |    |    |             |   |            |    |     |            |           |      |
|-----|----|----|-------------|---|------------|----|-----|------------|-----------|------|
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | NV | -10 | -7.200000  | -0.010698 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | NV | -20 | -6.800000  | -0.010104 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | NV | -30 | -3.400000  | -0.005052 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | NV | TN  | -5.300000  | -0.007875 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | NV | 30  | -5.200000  | -0.007727 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | -20 | -1.200000  | -0.001783 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | 10  | -5.100000  | -0.007578 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | 50  | -5.900000  | -0.008767 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | 40  | -3.300000  | -0.004903 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | 30  | -5.700000  | -0.008470 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | 20  | -3.200000  | -0.004755 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | -10 | -5.300000  | -0.007875 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | -30 | -4.900000  | -0.007281 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | TN  | -7.500000  | -0.011144 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | L | Outer_Full | NV | 0   | -7.000000  | -0.010401 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 40  | -9.200000  | -0.013519 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 30  | -8.800000  | -0.012932 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | TN  | -9.800000  | -0.014401 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | -30 | -10.700000 | -0.015724 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | -20 | -8.900000  | -0.013079 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | -10 | -9.400000  | -0.013813 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 0   | -9.200000  | -0.013519 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 20  | -8.800000  | -0.012932 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 10  | -8.100000  | -0.011903 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 50  | -8.400000  | -0.012344 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | 20  | -8.900000  | -0.013079 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | 50  | -9.800000  | -0.014401 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | 30  | -9.200000  | -0.013519 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | 10  | -9.500000  | -0.013960 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | 0   | -6.700000  | -0.009846 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | -10 | -9.300000  | -0.013666 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | -20 | -7.500000  | -0.011021 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | -30 | -7.100000  | -0.010434 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | TN  | -8.200000  | -0.012050 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | M | Outer_Full | NV | 40  | -10.000000 | -0.014695 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | 10  | -13.000000 | -0.018895 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | TN  | -12.100000 | -0.017587 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | 50  | -12.200000 | -0.017733 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | 40  | -13.600000 | -0.019767 | PASS |



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|     |    |    |             |   |            |    |     |            |           |      |
|-----|----|----|-------------|---|------------|----|-----|------------|-----------|------|
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | 0   | -12.900000 | -0.018750 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | -10 | -12.200000 | -0.017733 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | -20 | -11.900000 | -0.017297 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | 20  | -14.200000 | -0.020640 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | -30 | -13.200000 | -0.019186 | PASS |
| N71 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | NV | 30  | -12.800000 | -0.018605 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | 0   | -14.200000 | -0.020640 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | 40  | -11.400000 | -0.016570 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | 30  | -13.700000 | -0.019913 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | 50  | -11.800000 | -0.017151 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | TN  | -14.100000 | -0.020494 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | 10  | -13.300000 | -0.019331 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | -10 | -11.600000 | -0.016860 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | -20 | -13.800000 | -0.020058 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | -30 | -13.100000 | -0.019041 | PASS |
| N71 | 15 | 20 | DFT-QPSK    | H | Outer_Full | NV | 20  | -13.900000 | -0.020203 | PASS |