

## Appendix for KSCR221000187204-n48 MIMO

## Effective (Isotropic) Radiated Power Output Data for MIMO

## Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config       | Power<br>Ant1 | Power<br>Ant2 | Total | eirp  | limit |
|------|-----|-----------|------------|---------|-----------------|---------------|---------------|-------|-------|-------|
| N48  | 30  | 10        | CP-QPSK    | L       | Inner_1RB_Left  | 16.56         | 16.74         | 19.66 | 19.53 | 23.00 |
| N48  | 30  | 10        | CP-QPSK    | L       | Inner_1RB_Right | 16.42         | 16.14         | 19.29 | 19.16 | 23.00 |
| N48  | 30  | 10        | CP-QPSK    | L       | Outer_Full      | 16.12         | 16.32         | 19.23 | 19.10 | 23.00 |
| N48  | 30  | 10        | CP-16QAM   | L       | Inner_1RB_Left  | 15.89         | 15.96         | 18.94 | 18.81 | 23.00 |
| N48  | 30  | 10        | CP-16QAM   | L       | Inner_1RB_Right | 15.65         | 15.45         | 18.56 | 18.43 | 23.00 |
| N48  | 30  | 10        | CP-16QAM   | L       | Outer_Full      | 15.36         | 15.25         | 18.32 | 18.19 | 23.00 |
| N48  | 30  | 10        | CP-64QAM   | L       | Inner_1RB_Left  | 15.42         | 15.36         | 18.40 | 18.27 | 23.00 |
| N48  | 30  | 10        | CP-64QAM   | L       | Inner_1RB_Right | 15.23         | 15.21         | 18.23 | 18.10 | 23.00 |
| N48  | 30  | 10        | CP-64QAM   | L       | Outer_Full      | 14.32         | 14.25         | 17.30 | 17.17 | 23.00 |
| N48  | 30  | 10        | CP-256QAM  | L       | Inner_1RB_Left  | 11.23         | 11.28         | 14.27 | 14.14 | 23.00 |
| N48  | 30  | 10        | CP-256QAM  | L       | Inner_1RB_Right | 11.25         | 11.36         | 14.32 | 14.19 | 23.00 |
| N48  | 30  | 10        | CP-256QAM  | L       | Outer_Full      | 11.32         | 11.42         | 14.38 | 14.25 | 23.00 |
| N48  | 30  | 10        | CP-QPSK    | M       | Inner_1RB_Left  | 16.57         | 16.56         | 19.58 | 19.45 | 23.00 |
| N48  | 30  | 10        | CP-QPSK    | M       | Inner_1RB_Right | 16.38         | 16.51         | 19.46 | 19.33 | 23.00 |
| N48  | 30  | 10        | CP-QPSK    | M       | Outer_Full      | 15            | 15.13         | 18.08 | 17.95 | 23.00 |
| N48  | 30  | 10        | CP-16QAM   | M       | Inner_1RB_Left  | 16.13         | 15.88         | 19.02 | 18.89 | 23.00 |
| N48  | 30  | 10        | CP-16QAM   | M       | Inner_1RB_Right | 16.05         | 15.81         | 18.94 | 18.81 | 23.00 |
| N48  | 30  | 10        | CP-16QAM   | M       | Outer_Full      | 14.97         | 15.11         | 18.05 | 17.92 | 23.00 |
| N48  | 30  | 10        | CP-64QAM   | M       | Inner_1RB_Left  | 14.76         | 14.58         | 17.68 | 17.55 | 23.00 |
| N48  | 30  | 10        | CP-64QAM   | M       | Inner_1RB_Right | 14.85         | 14.69         | 17.78 | 17.65 | 23.00 |
| N48  | 30  | 10        | CP-64QAM   | M       | Outer_Full      | 14.66         | 14.32         | 17.50 | 17.37 | 23.00 |
| N48  | 30  | 10        | CP-256QAM  | M       | Inner_1RB_Left  | 11.51         | 11.68         | 14.61 | 14.48 | 23.00 |
| N48  | 30  | 10        | CP-256QAM  | M       | Inner_1RB_Right | 11.31         | 11.59         | 14.46 | 14.33 | 23.00 |
| N48  | 30  | 10        | CP-256QAM  | M       | Outer_Full      | 11.25         | 11.36         | 14.32 | 14.19 | 23.00 |
| N48  | 30  | 10        | CP-QPSK    | H       | Inner_1RB_Left  | 16.28         | 16.09         | 19.20 | 19.07 | 23.00 |
| N48  | 30  | 10        | CP-QPSK    | H       | Inner_1RB_Right | 16.29         | 16.09         | 19.20 | 19.07 | 23.00 |



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|-----|----|----|-----------|---|-----------------|-------|-------|-------|-------|-------|
| N48 | 30 | 10 | CP-QPSK   | H | Outer_Full      | 14.81 | 14.73 | 17.78 | 17.65 | 23.00 |
| N48 | 30 | 10 | CP-16QAM  | H | Inner_1RB_Left  | 15.91 | 15.52 | 18.73 | 18.60 | 23.00 |
| N48 | 30 | 10 | CP-16QAM  | H | Inner_1RB_Right | 15.94 | 15.57 | 18.77 | 18.64 | 23.00 |
| N48 | 30 | 10 | CP-16QAM  | H | Outer_Full      | 14.81 | 14.7  | 17.77 | 17.64 | 23.00 |
| N48 | 30 | 10 | CP-64QAM  | H | Inner_1RB_Left  | 14.79 | 14.96 | 17.89 | 17.76 | 23.00 |
| N48 | 30 | 10 | CP-64QAM  | H | Inner_1RB_Right | 14.85 | 14.52 | 17.70 | 17.57 | 23.00 |
| N48 | 30 | 10 | CP-64QAM  | H | Outer_Full      | 14.23 | 14.14 | 17.20 | 17.07 | 23.00 |
| N48 | 30 | 10 | CP-256QAM | H | Inner_1RB_Left  | 11.14 | 11.38 | 14.27 | 14.14 | 23.00 |
| N48 | 30 | 10 | CP-256QAM | H | Inner_1RB_Right | 11.12 | 11.21 | 14.18 | 14.05 | 23.00 |
| N48 | 30 | 10 | CP-256QAM | H | Outer_Full      | 11.32 | 11.19 | 14.27 | 14.14 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | L | Inner_1RB_Left  | 16.17 | 16.34 | 19.27 | 19.14 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | L | Inner_1RB_Right | 16.33 | 16.35 | 19.35 | 19.22 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | L | Outer_Full      | 14.92 | 14.67 | 17.81 | 17.68 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | L | Inner_1RB_Left  | 15.94 | 15.69 | 18.83 | 18.70 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | L | Inner_1RB_Right | 15.93 | 15.67 | 18.81 | 18.68 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | L | Outer_Full      | 14.97 | 14.73 | 17.86 | 17.73 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | L | Inner_1RB_Left  | 14.6  | 14.26 | 17.44 | 17.31 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | L | Inner_1RB_Right | 14.25 | 14.32 | 17.30 | 17.17 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | L | Outer_Full      | 14.25 | 14.55 | 17.41 | 17.28 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | L | Inner_1RB_Left  | 11.29 | 11.33 | 14.32 | 14.19 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | L | Inner_1RB_Right | 11.18 | 11.33 | 14.27 | 14.14 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | L | Outer_Full      | 11.25 | 11.63 | 14.45 | 14.32 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | M | Inner_1RB_Left  | 16.7  | 16.67 | 19.70 | 19.57 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | M | Inner_1RB_Right | 16.36 | 16.54 | 19.46 | 19.33 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | M | Outer_Full      | 15.01 | 15.06 | 18.05 | 17.92 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | M | Inner_1RB_Left  | 16.16 | 15.91 | 19.05 | 18.92 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | M | Inner_1RB_Right | 15.88 | 15.71 | 18.81 | 18.68 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | M | Outer_Full      | 15.01 | 15.07 | 18.05 | 17.92 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | M | Inner_1RB_Left  | 14.73 | 14.59 | 17.67 | 17.54 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | M | Inner_1RB_Right | 14.85 | 14.63 | 17.75 | 17.62 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | M | Outer_Full      | 14.23 | 14.21 | 17.23 | 17.10 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | M | Inner_1RB_Left  | 11.6  | 11.66 | 14.64 | 14.51 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | M | Inner_1RB_Right | 11.2  | 11.56 | 14.39 | 14.26 | 23.00 |



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|-----|----|----|-----------|---|-----------------|-------|-------|-------|-------|-------|
| N48 | 30 | 15 | CP-256QAM | M | Outer_Full      | 11.25 | 11.36 | 14.32 | 14.19 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | H | Inner_1RB_Left  | 16.34 | 16.46 | 19.41 | 19.28 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | H | Inner_1RB_Right | 16.37 | 16.31 | 19.35 | 19.22 | 23.00 |
| N48 | 30 | 15 | CP-QPSK   | H | Outer_Full      | 14.79 | 14.76 | 17.79 | 17.66 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | H | Inner_1RB_Left  | 15.89 | 15.77 | 18.84 | 18.71 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | H | Inner_1RB_Right | 15.94 | 15.57 | 18.77 | 18.64 | 23.00 |
| N48 | 30 | 15 | CP-16QAM  | H | Outer_Full      | 14.81 | 14.78 | 17.81 | 17.68 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | H | Inner_1RB_Left  | 14.35 | 14.48 | 17.43 | 17.30 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | H | Inner_1RB_Right | 14.52 | 14.33 | 17.44 | 17.31 | 23.00 |
| N48 | 30 | 15 | CP-64QAM  | H | Outer_Full      | 14.25 | 14.36 | 17.32 | 17.19 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | H | Inner_1RB_Left  | 11.15 | 11.45 | 14.31 | 14.18 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | H | Inner_1RB_Right | 11.13 | 11.28 | 14.22 | 14.09 | 23.00 |
| N48 | 30 | 15 | CP-256QAM | H | Outer_Full      | 11.25 | 11.34 | 14.31 | 14.18 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | L | Inner_1RB_Left  | 16.38 | 15.91 | 19.16 | 19.03 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | L | Inner_1RB_Right | 16.56 | 16.7  | 19.64 | 19.51 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | L | Outer_Full      | 14.99 | 14.81 | 17.91 | 17.78 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | L | Inner_1RB_Left  | 15.99 | 15.71 | 18.86 | 18.73 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | L | Inner_1RB_Right | 16.07 | 16.06 | 19.08 | 18.95 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | L | Outer_Full      | 14.98 | 14.83 | 17.92 | 17.79 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | L | Inner_1RB_Left  | 14.5  | 14.3  | 17.41 | 17.28 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | L | Inner_1RB_Right | 14.25 | 14.36 | 17.32 | 17.19 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | L | Outer_Full      | 14.33 | 14.16 | 17.26 | 17.13 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | L | Inner_1RB_Left  | 11.54 | 11.52 | 14.54 | 14.41 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | L | Inner_1RB_Right | 11.38 | 11.63 | 14.52 | 14.39 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | L | Outer_Full      | 11.57 | 11.36 | 14.48 | 14.35 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | M | Inner_1RB_Left  | 16.64 | 16.7  | 19.68 | 19.55 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | M | Inner_1RB_Right | 16.33 | 16.26 | 19.31 | 19.18 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | M | Outer_Full      | 15    | 15.08 | 18.05 | 17.92 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | M | Inner_1RB_Left  | 16.17 | 15.87 | 19.03 | 18.90 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | M | Inner_1RB_Right | 15.88 | 15.55 | 18.73 | 18.60 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | M | Outer_Full      | 15.42 | 15.3  | 18.37 | 18.24 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | M | Inner_1RB_Left  | 14.46 | 14.53 | 17.51 | 17.38 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | M | Inner_1RB_Right | 14.54 | 14.19 | 17.38 | 17.25 | 23.00 |



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|-----|----|----|-----------|---|-----------------|-------|-------|-------|-------|-------|
| N48 | 30 | 20 | CP-64QAM  | M | Outer_Full      | 14.46 | 14.53 | 17.51 | 17.38 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | M | Inner_1RB_Left  | 11.58 | 11.68 | 14.64 | 14.51 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | M | Inner_1RB_Right | 11.25 | 11.32 | 14.30 | 14.17 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | M | Outer_Full      | 11.6  | 11.69 | 14.66 | 14.53 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | H | Inner_1RB_Left  | 16.35 | 16.54 | 19.46 | 19.33 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | H | Inner_1RB_Right | 16.4  | 16.31 | 19.37 | 19.24 | 23.00 |
| N48 | 30 | 20 | CP-QPSK   | H | Outer_Full      | 14.76 | 14.85 | 17.82 | 17.69 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | H | Inner_1RB_Left  | 15.91 | 15.87 | 18.90 | 18.77 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | H | Inner_1RB_Right | 15.99 | 15.55 | 18.79 | 18.66 | 23.00 |
| N48 | 30 | 20 | CP-16QAM  | H | Outer_Full      | 14.73 | 14.87 | 17.81 | 17.68 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | H | Inner_1RB_Left  | 14.42 | 14.21 | 17.33 | 17.20 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | H | Inner_1RB_Right | 14.25 | 14.69 | 17.49 | 17.36 | 23.00 |
| N48 | 30 | 20 | CP-64QAM  | H | Outer_Full      | 14.12 | 14.28 | 17.21 | 17.08 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | H | Inner_1RB_Left  | 11.19 | 11.52 | 14.37 | 14.24 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | H | Inner_1RB_Right | 11.24 | 11.26 | 14.26 | 14.13 | 23.00 |
| N48 | 30 | 20 | CP-256QAM | H | Outer_Full      | 11.32 | 11.25 | 14.30 | 14.17 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | L | Inner_1RB_Left  | 16.52 | 16.47 | 19.51 | 19.38 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | L | Inner_1RB_Right | 16.88 | 16.48 | 19.69 | 19.56 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | L | Outer_Full      | 14.97 | 14.91 | 17.95 | 17.82 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | L | Inner_1RB_Left  | 14.85 | 14.99 | 17.93 | 17.80 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | L | Inner_1RB_Right | 14.58 | 14.65 | 17.63 | 17.50 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | L | Outer_Full      | 14.98 | 14.94 | 17.97 | 17.84 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | L | Inner_1RB_Left  | 14.56 | 14.42 | 17.50 | 17.37 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | L | Inner_1RB_Right | 14.63 | 14.52 | 17.59 | 17.46 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | L | Outer_Full      | 14.23 | 14.22 | 17.24 | 17.11 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | L | Inner_1RB_Left  | 11.37 | 11.42 | 14.41 | 14.28 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | L | Inner_1RB_Right | 11.25 | 11.35 | 14.31 | 14.18 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | L | Outer_Full      | 11.36 | 11.52 | 14.45 | 14.32 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | M | Inner_1RB_Left  | 16.77 | 16.71 | 19.75 | 19.62 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | M | Inner_1RB_Right | 16.3  | 16.33 | 19.33 | 19.20 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | M | Outer_Full      | 14.97 | 14.93 | 17.96 | 17.83 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | M | Inner_1RB_Left  | 16.34 | 16.05 | 19.21 | 19.08 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | M | Inner_1RB_Right | 15.91 | 15.36 | 18.65 | 18.52 | 23.00 |



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|     |    |    |           |   |                 |       |       |       |       |       |
|-----|----|----|-----------|---|-----------------|-------|-------|-------|-------|-------|
| N48 | 30 | 40 | CP-16QAM  | M | Outer_Full      | 14.95 | 14.92 | 17.95 | 17.82 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | M | Inner_1RB_Left  | 14.77 | 14.58 | 17.69 | 17.56 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | M | Inner_1RB_Right | 14.76 | 14.63 | 17.71 | 17.58 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | M | Outer_Full      | 14.52 | 14.23 | 17.39 | 17.26 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | M | Inner_1RB_Left  | 11.96 | 11.68 | 14.83 | 14.70 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | M | Inner_1RB_Right | 11.43 | 11.11 | 14.28 | 14.15 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | M | Outer_Full      | 11.25 | 11.36 | 14.32 | 14.19 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | H | Inner_1RB_Left  | 16.39 | 16.66 | 19.54 | 19.41 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | H | Inner_1RB_Right | 16.4  | 16.36 | 19.39 | 19.26 | 23.00 |
| N48 | 30 | 40 | CP-QPSK   | H | Outer_Full      | 16.25 | 16.34 | 19.31 | 19.18 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | H | Inner_1RB_Left  | 16.21 | 16.12 | 19.18 | 19.05 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | H | Inner_1RB_Right | 15.63 | 15.58 | 18.62 | 18.49 | 23.00 |
| N48 | 30 | 40 | CP-16QAM  | H | Outer_Full      | 15.21 | 15.34 | 18.29 | 18.16 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | H | Inner_1RB_Left  | 14.52 | 14.36 | 17.45 | 17.32 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | H | Inner_1RB_Right | 14.33 | 14.25 | 17.30 | 17.17 | 23.00 |
| N48 | 30 | 40 | CP-64QAM  | H | Outer_Full      | 14.23 | 14.25 | 17.25 | 17.12 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | H | Inner_1RB_Left  | 11.25 | 11.62 | 14.45 | 14.32 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | H | Inner_1RB_Right | 11.56 | 11.25 | 14.42 | 14.29 | 23.00 |
| N48 | 30 | 40 | CP-256QAM | H | Outer_Full      | 11.36 | 11.52 | 14.45 | 14.32 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | L | Inner_1RB_Left  | 16.52 | 16.47 | 19.31 | 19.18 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | L | Inner_1RB_Right | 16.88 | 16.48 | 19.50 | 19.37 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | L | Outer_Full      | 14.97 | 14.91 | 17.77 | 17.64 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | L | Inner_1RB_Left  | 14.85 | 14.99 | 17.75 | 17.62 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | L | Inner_1RB_Right | 14.58 | 14.65 | 17.45 | 17.32 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | L | Outer_Full      | 14.98 | 14.94 | 17.79 | 17.66 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | L | Inner_1RB_Left  | 14.56 | 14.42 | 17.33 | 17.20 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | L | Inner_1RB_Right | 14.63 | 14.52 | 17.41 | 17.28 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | L | Outer_Full      | 14.23 | 14.22 | 17.06 | 16.93 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | L | Inner_1RB_Left  | 11.37 | 11.42 | 14.26 | 14.13 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | L | Inner_1RB_Right | 11.25 | 11.35 | 14.17 | 14.04 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | L | Outer_Full      | 11.36 | 11.52 | 14.31 | 14.18 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | M | Inner_1RB_Left  | 16.77 | 16.71 | 19.55 | 19.42 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | M | Inner_1RB_Right | 16.3  | 16.33 | 19.13 | 19.00 | 23.00 |



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|     |    |    |           |   |                 |       |       |       |       |       |
|-----|----|----|-----------|---|-----------------|-------|-------|-------|-------|-------|
| N48 | 15 | 40 | CP-QPSK   | M | Outer_Full      | 14.97 | 14.93 | 17.78 | 17.65 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | M | Inner_1RB_Left  | 16.34 | 16.05 | 19.02 | 18.89 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | M | Inner_1RB_Right | 15.91 | 15.36 | 18.47 | 18.34 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | M | Outer_Full      | 14.95 | 14.92 | 17.77 | 17.64 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | M | Inner_1RB_Left  | 14.77 | 14.58 | 17.51 | 17.38 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | M | Inner_1RB_Right | 14.76 | 14.63 | 17.53 | 17.40 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | M | Outer_Full      | 14.52 | 14.23 | 17.21 | 17.08 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | M | Inner_1RB_Left  | 11.96 | 11.68 | 14.68 | 14.55 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | M | Inner_1RB_Right | 11.43 | 11.11 | 14.14 | 14.01 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | M | Outer_Full      | 11.25 | 11.36 | 14.17 | 14.04 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | H | Inner_1RB_Left  | 16.39 | 16.66 | 19.34 | 19.21 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | H | Inner_1RB_Right | 16.4  | 16.36 | 19.20 | 19.07 | 23.00 |
| N48 | 15 | 40 | CP-QPSK   | H | Outer_Full      | 16.25 | 16.34 | 19.11 | 18.98 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | H | Inner_1RB_Left  | 16.21 | 16.12 | 18.98 | 18.85 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | H | Inner_1RB_Right | 15.63 | 15.58 | 18.43 | 18.30 | 23.00 |
| N48 | 15 | 40 | CP-16QAM  | H | Outer_Full      | 15.21 | 15.34 | 18.10 | 17.97 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | H | Inner_1RB_Left  | 14.52 | 14.36 | 17.28 | 17.15 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | H | Inner_1RB_Right | 14.33 | 14.25 | 17.13 | 17.00 | 23.00 |
| N48 | 15 | 40 | CP-64QAM  | H | Outer_Full      | 14.23 | 14.25 | 17.08 | 16.95 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | H | Inner_1RB_Left  | 11.25 | 11.62 | 14.30 | 14.17 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | H | Inner_1RB_Right | 11.56 | 11.25 | 14.27 | 14.14 | 23.00 |
| N48 | 15 | 40 | CP-256QAM | H | Outer_Full      | 11.36 | 11.52 | 14.31 | 14.18 | 23.00 |



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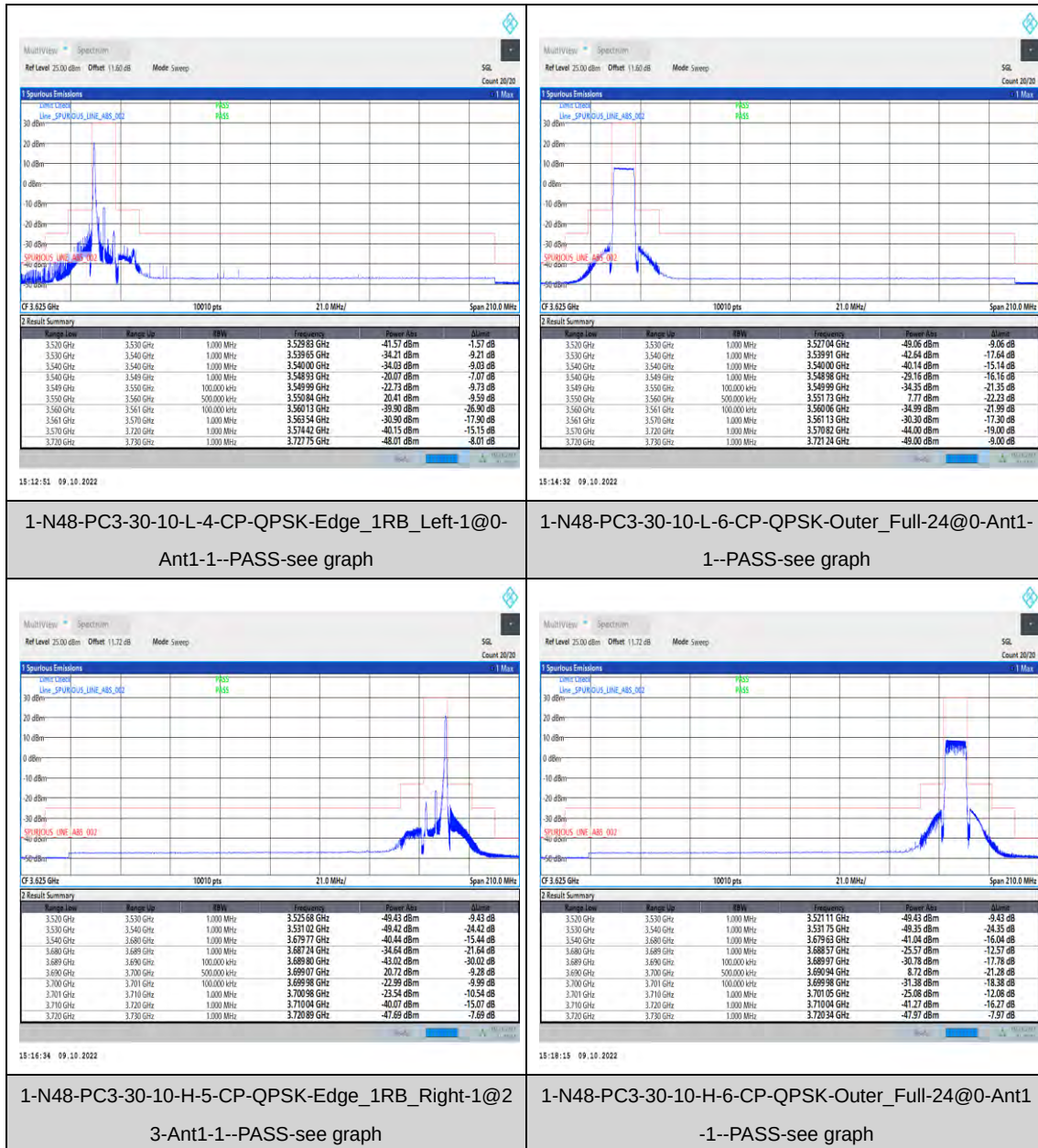
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## Band Edge for MIMO

### Test Graphs

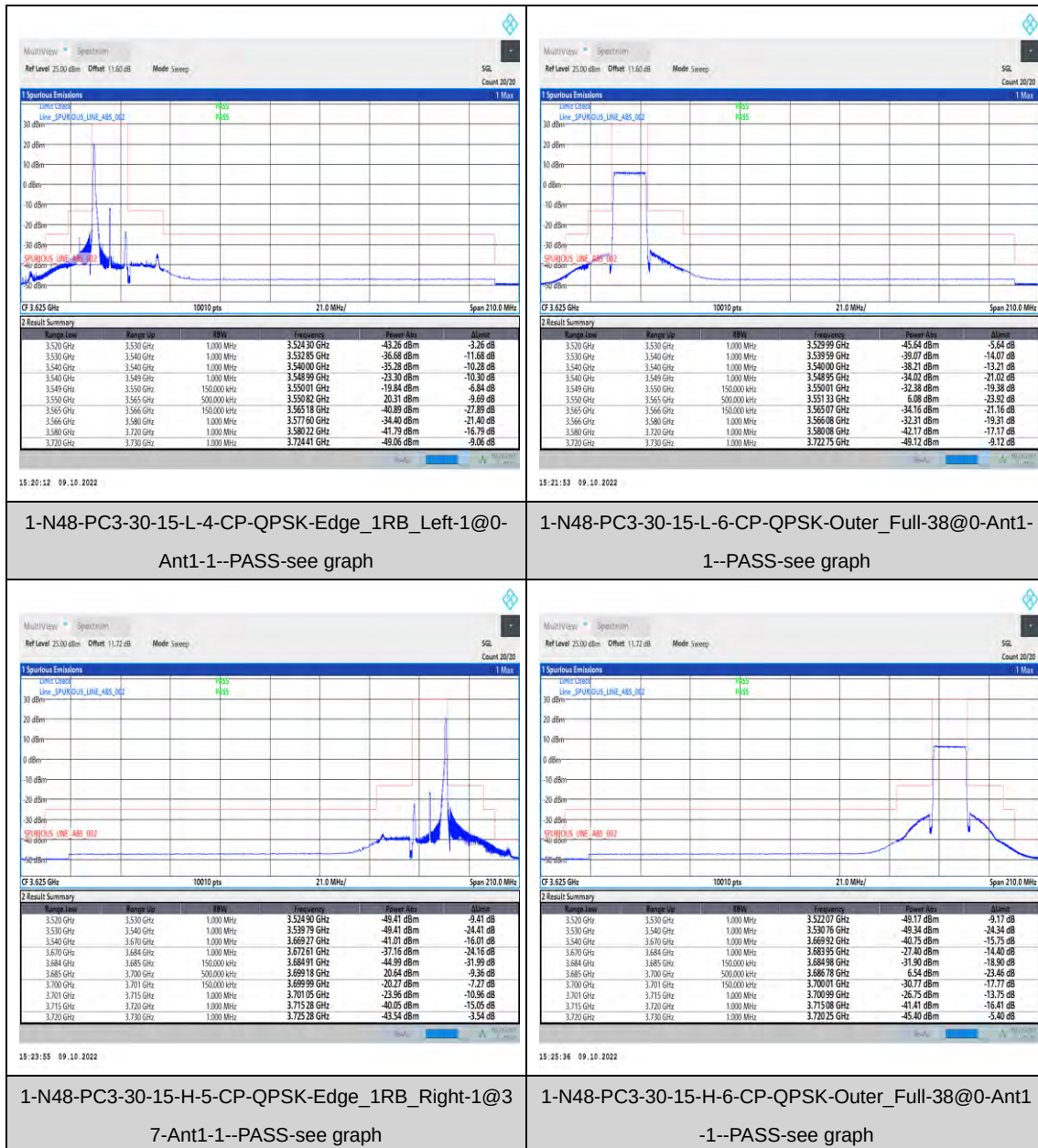


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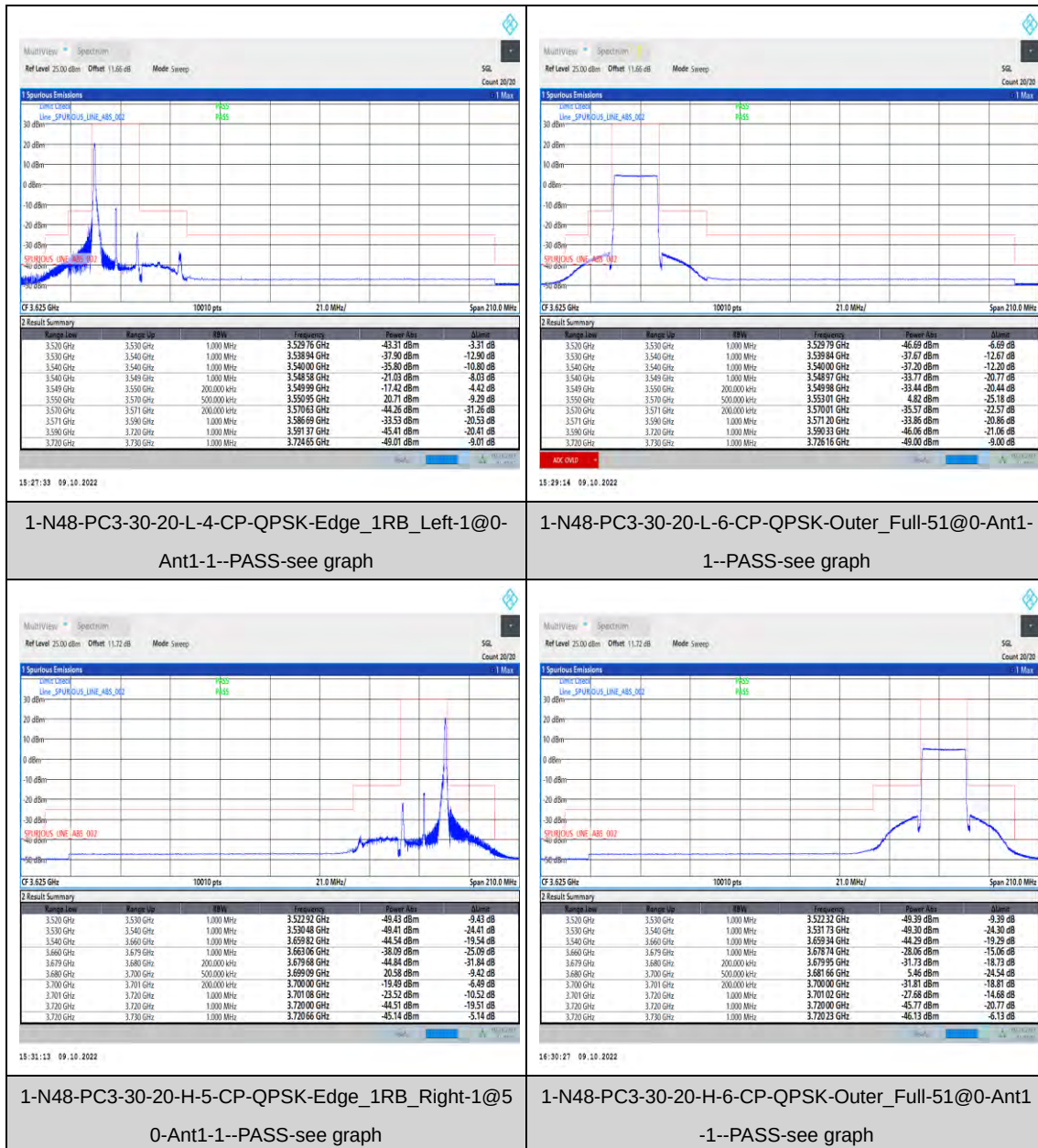
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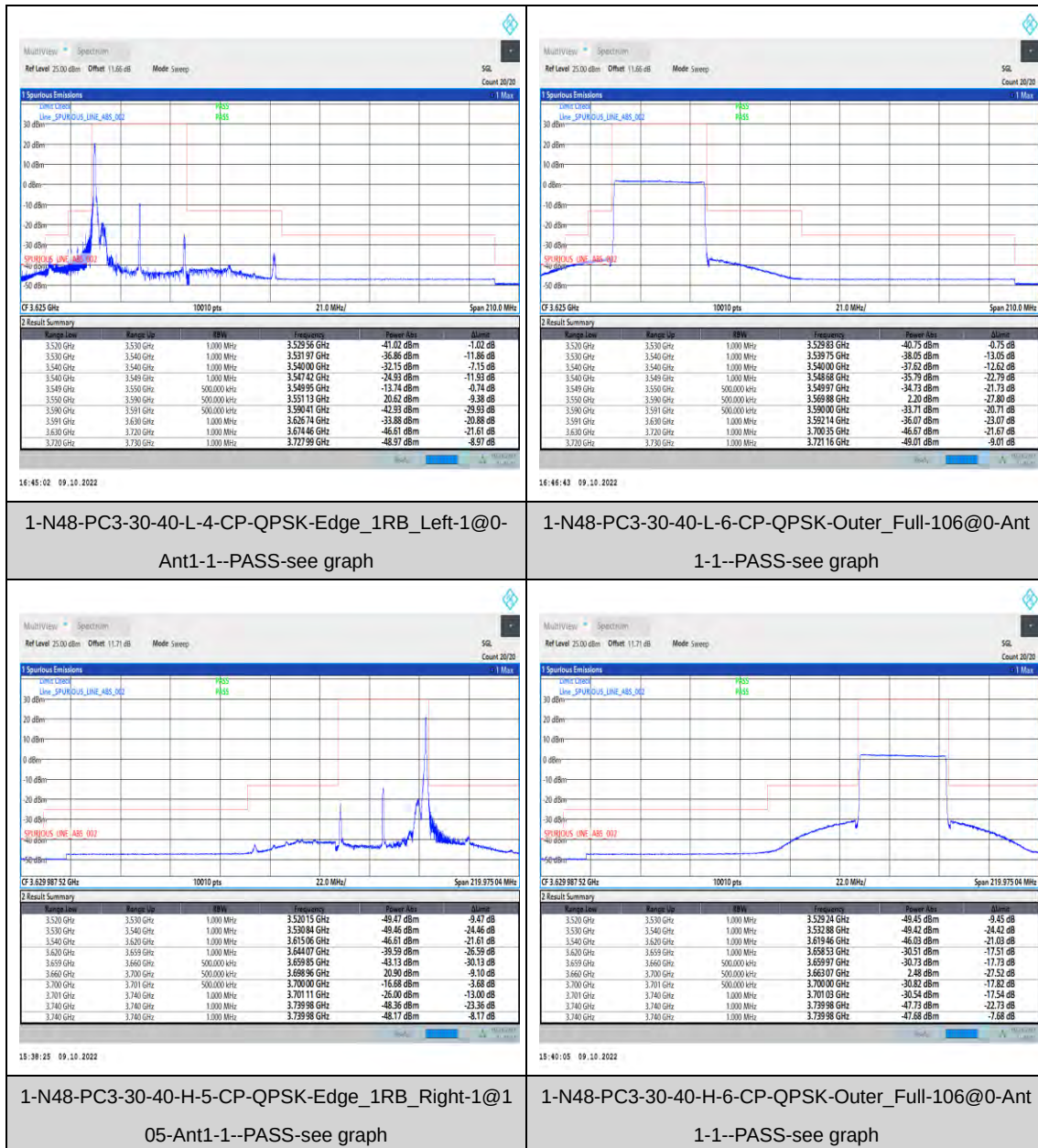


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## Conducted Spurious Emission for MIMO ANT1

### Test Graphs



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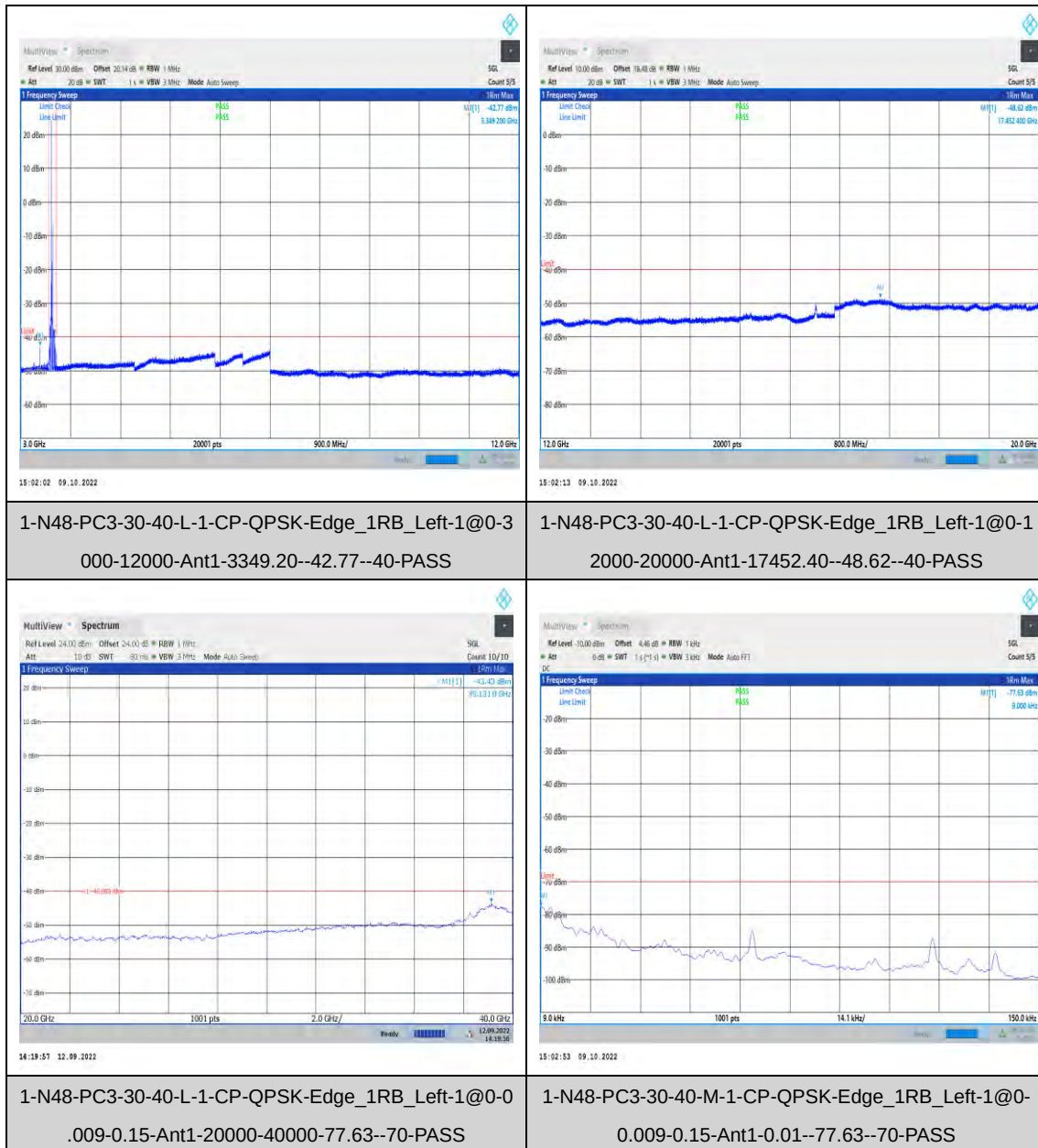
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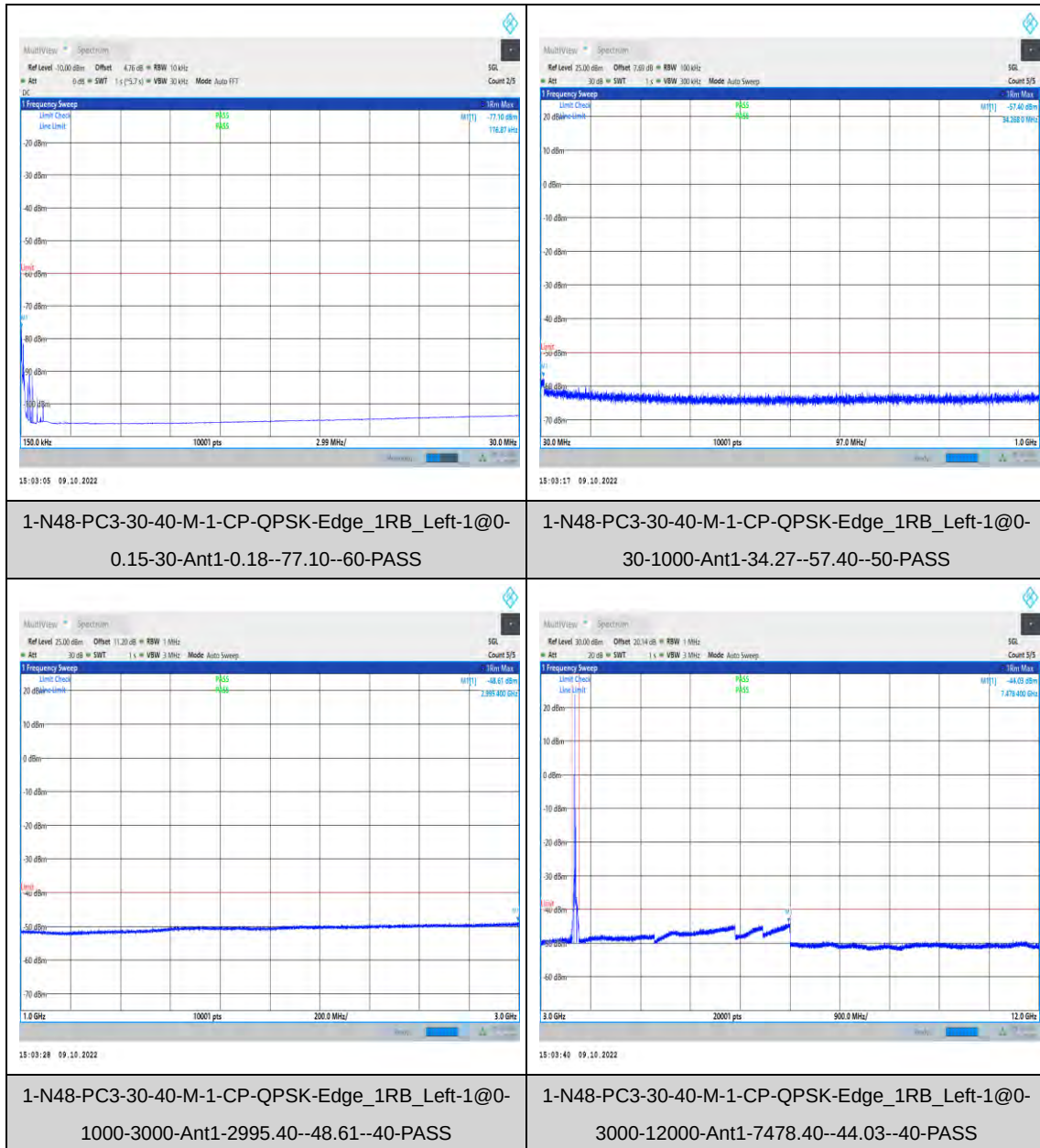
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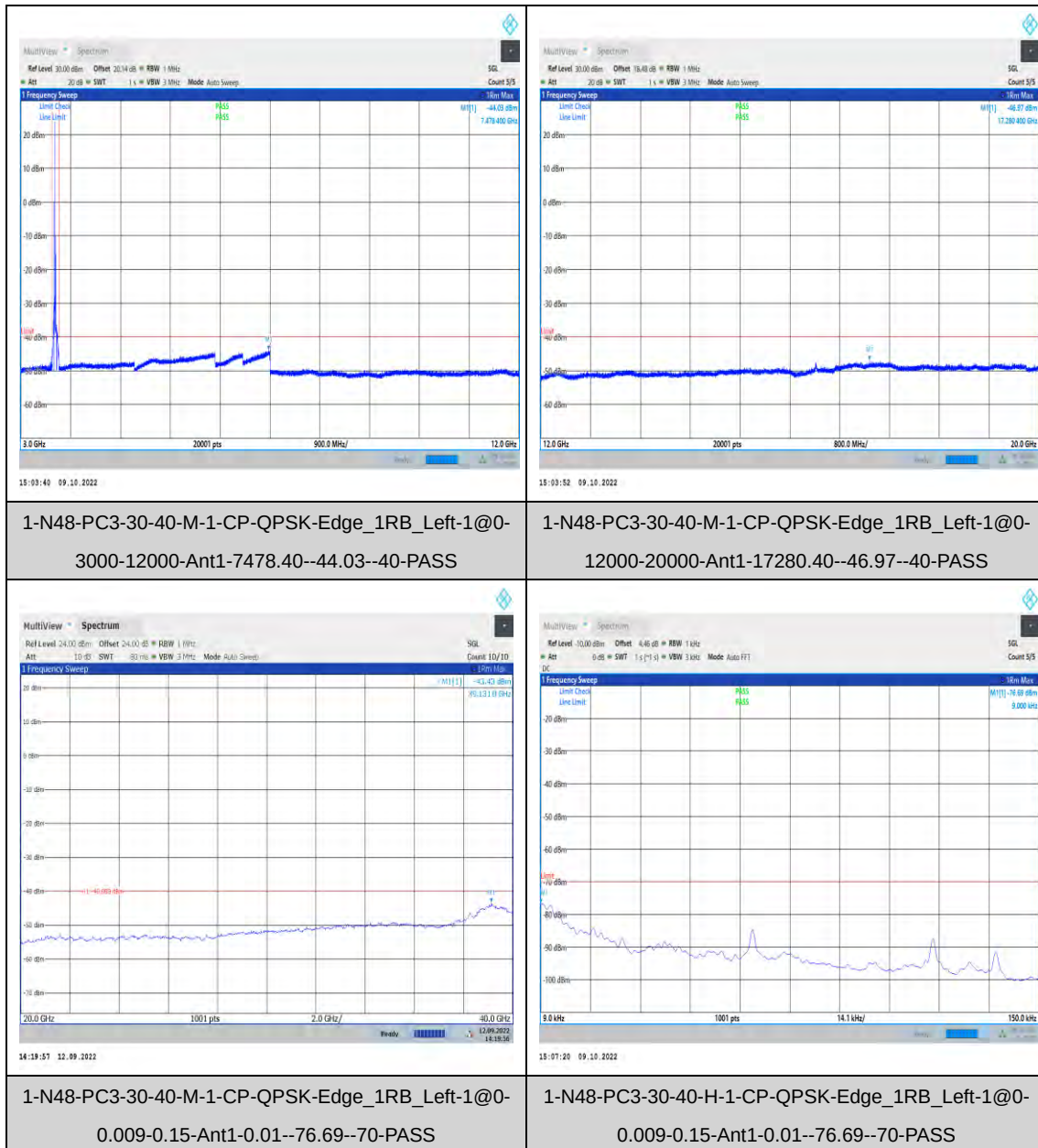
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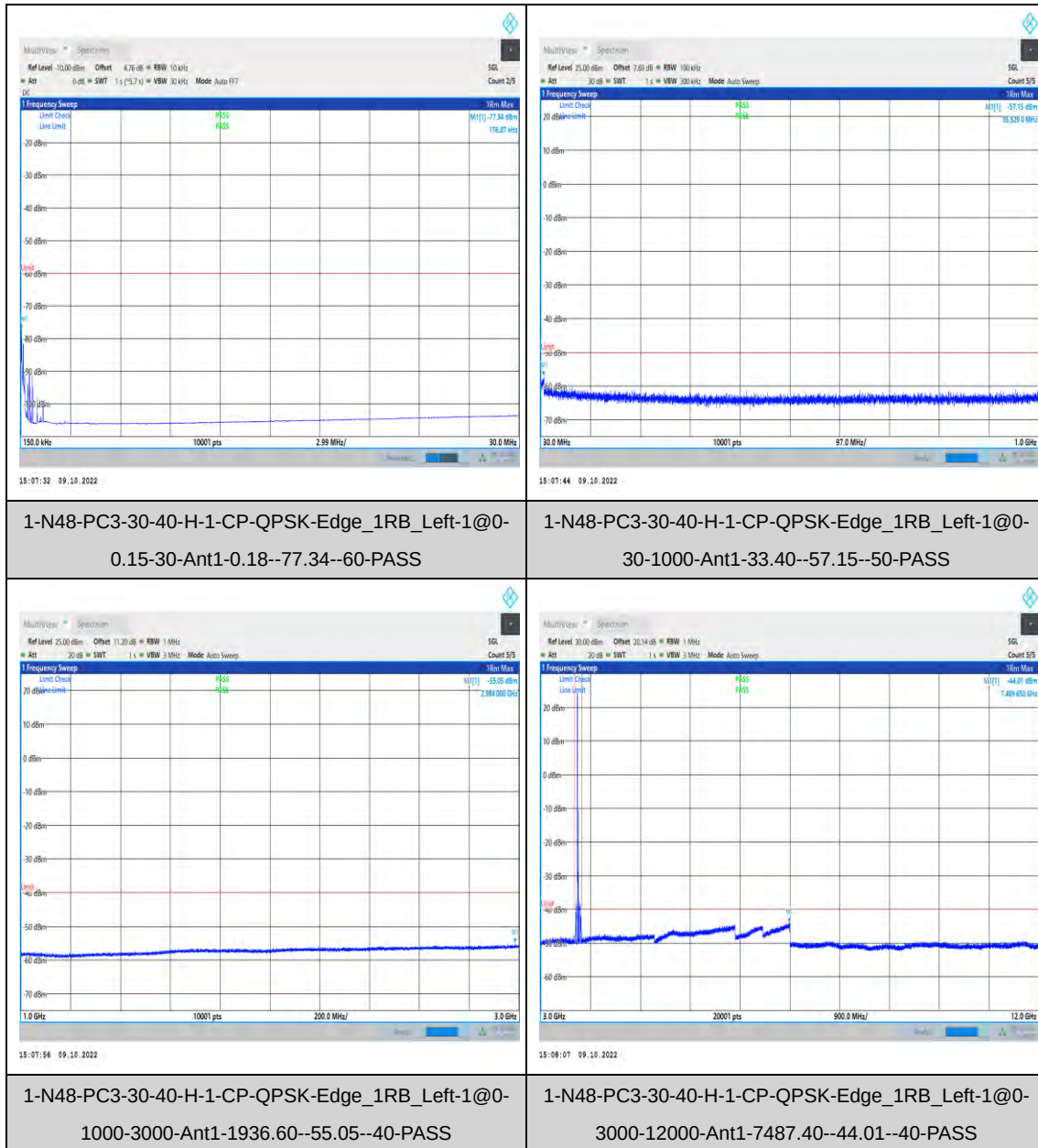


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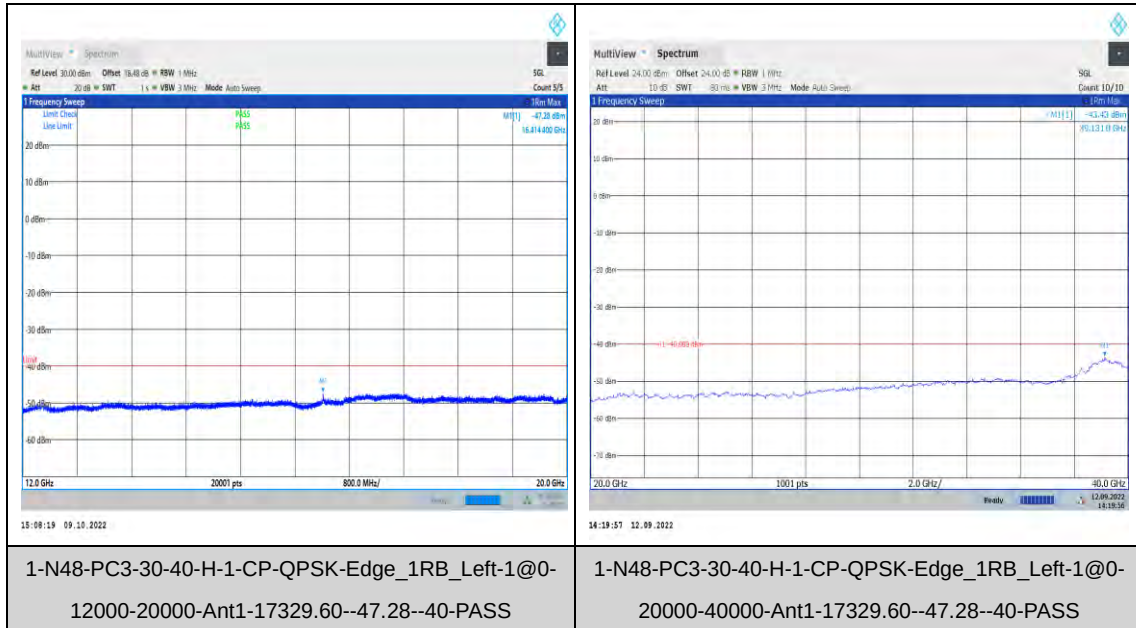
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## Power Spectral Density Mimo

### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config       | ANT1  | ANT2  | Total | Eirp  | Limit | Verdict |
|------|-----|-----------|------------|---------|-----------------|-------|-------|-------|-------|-------|---------|
| N48  | 30  | 10        | CP-QPSK    | L       | Inner_1RB_Left  | 17.33 | 16.54 | 19.96 | 21.01 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | L       | Inner_1RB_Right | 17.26 | 16.73 | 20.01 | 21.06 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | L       | Outer_Full      | 15.22 | 14.36 | 17.82 | 18.87 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | M       | Inner_1RB_Left  | 17.18 | 17.71 | 20.46 | 21.51 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | M       | Inner_1RB_Right | 17.03 | 16.84 | 19.95 | 21.00 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | M       | Outer_Full      | 15.69 | 13.98 | 17.93 | 18.98 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | H       | Inner_1RB_Left  | 17.39 | 16.46 | 19.96 | 21.01 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | H       | Inner_1RB_Right | 17.81 | 17.19 | 20.52 | 21.57 | 23    | PASS    |
| N48  | 30  | 10        | CP-QPSK    | H       | Outer_Full      | 16.16 | 14.59 | 18.46 | 19.51 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | L       | Inner_1RB_Left  | 17.11 | 17.27 | 20.20 | 21.25 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | L       | Inner_1RB_Right | 16.64 | 16.56 | 19.61 | 20.66 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | L       | Outer_Full      | 14.35 | 14.22 | 17.30 | 18.35 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | M       | Inner_1RB_Left  | 17.84 | 16.84 | 20.38 | 21.43 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | M       | Inner_1RB_Right | 18.43 | 16.91 | 20.75 | 21.80 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | M       | Outer_Full      | 14.81 | 13.81 | 17.35 | 18.40 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | H       | Inner_1RB_Left  | 17.63 | 16.74 | 20.22 | 21.27 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | H       | Inner_1RB_Right | 17.3  | 16.89 | 20.11 | 21.16 | 23    | PASS    |
| N48  | 30  | 15        | CP-QPSK    | H       | Outer_Full      | 14.4  | 13.62 | 17.04 | 18.09 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | L       | Inner_1RB_Left  | 16.85 | 16.47 | 19.67 | 20.72 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | L       | Inner_1RB_Right | 17.34 | 17.29 | 20.33 | 21.38 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | L       | Outer_Full      | 13.72 | 13.05 | 16.41 | 17.46 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | M       | Inner_1RB_Left  | 17.51 | 16.32 | 19.97 | 21.02 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | M       | Inner_1RB_Right | 17.97 | 16.99 | 20.52 | 21.57 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | M       | Outer_Full      | 13.82 | 12.46 | 16.20 | 17.25 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | H       | Inner_1RB_Left  | 17.97 | 17.11 | 20.57 | 21.62 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | H       | Inner_1RB_Right | 17.25 | 17.31 | 20.29 | 21.34 | 23    | PASS    |
| N48  | 30  | 20        | CP-QPSK    | H       | Outer_Full      | 14.22 | 13.31 | 16.80 | 17.85 | 23    | PASS    |
| N48  | 30  | 40        | CP-QPSK    | L       | Inner_1RB_Left  | 18.11 | 16.75 | 20.49 | 21.54 | 23    | PASS    |
| N48  | 30  | 40        | CP-QPSK    | L       | Inner_1RB_Right | 17.69 | 17.21 | 20.47 | 21.52 | 23    | PASS    |
| N48  | 30  | 40        | CP-QPSK    | L       | Outer_Full      | 10    | 10    | 13.01 | 14.06 | 23    | PASS    |



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|     |    |    |         |   |                 |       |       |       |       |    |      |
|-----|----|----|---------|---|-----------------|-------|-------|-------|-------|----|------|
| N48 | 30 | 40 | CP-QPSK | M | Inner_1RB_Left  | 18.53 | 16.94 | 20.82 | 21.87 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | M | Inner_1RB_Right | 17.35 | 16.56 | 19.98 | 21.03 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | M | Outer_Full      | 11.26 | 10.47 | 13.89 | 14.94 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | H | Inner_1RB_Left  | 17.34 | 17.63 | 20.50 | 21.55 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | H | Inner_1RB_Right | 17.87 | 17.39 | 20.65 | 21.70 | 23 | PASS |
| N48 | 30 | 40 | CP-QPSK | H | Outer_Full      | 10.21 | 9.83  | 13.03 | 14.08 | 23 | PASS |



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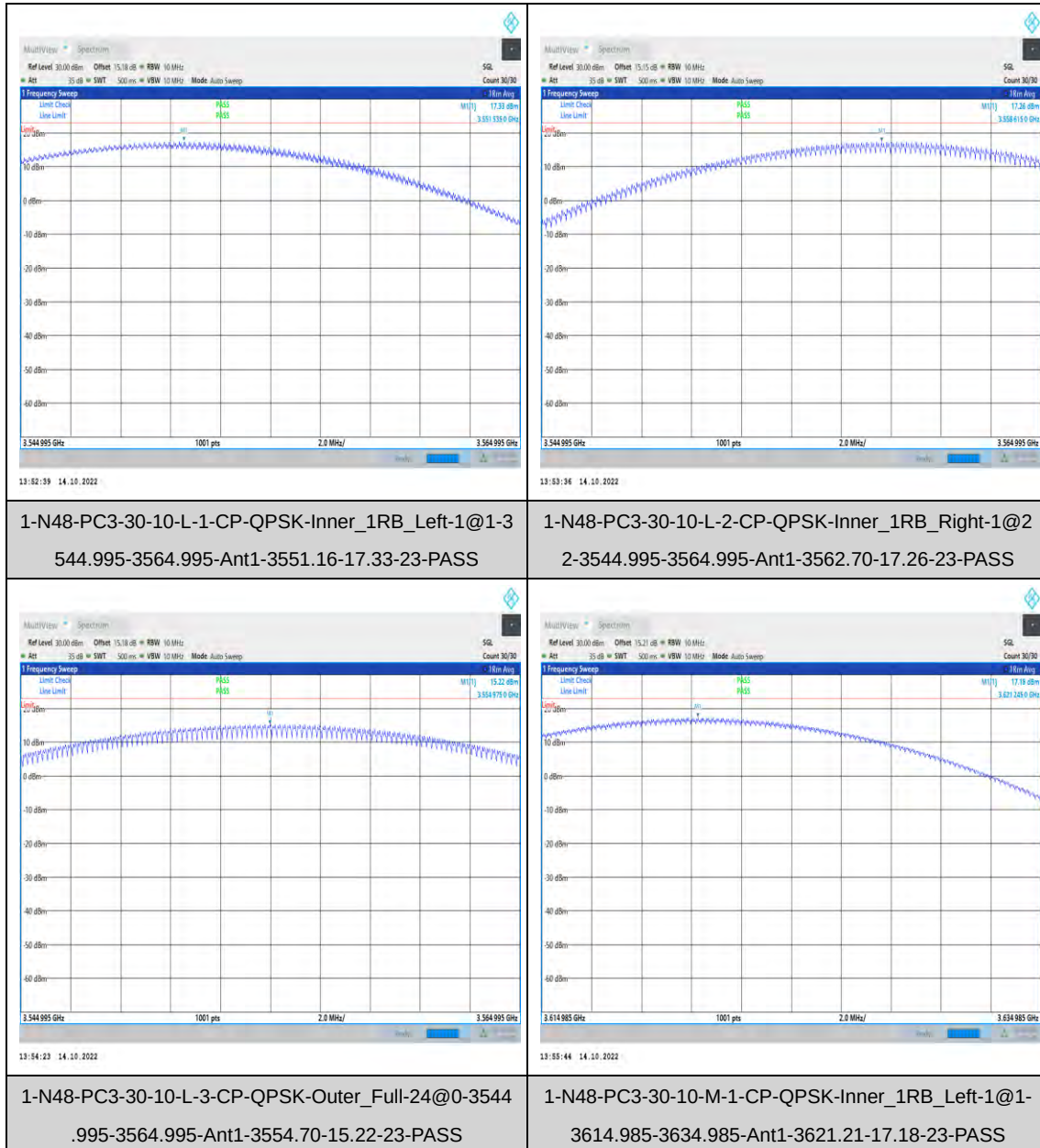
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### Test Graphs Ant1

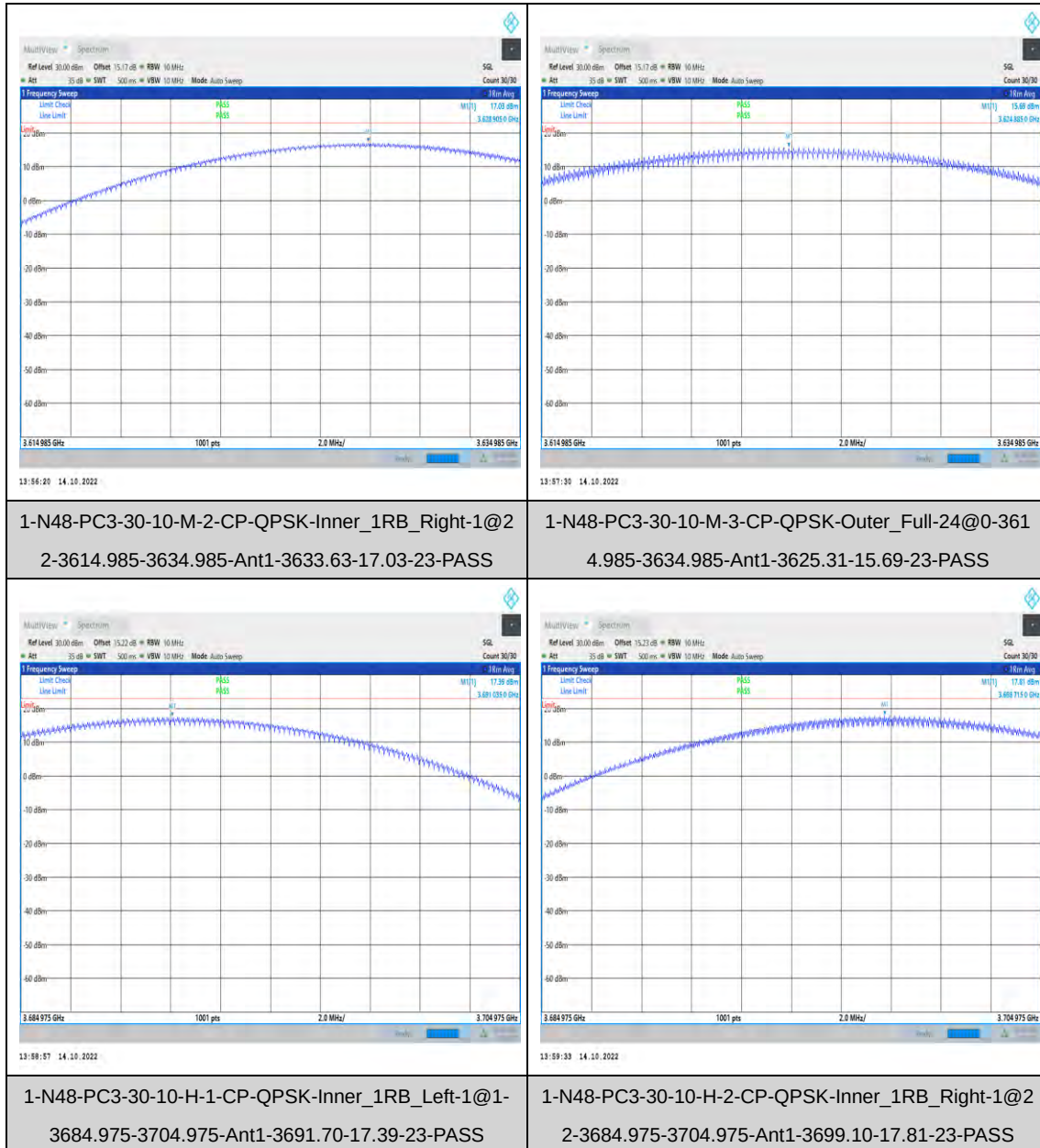


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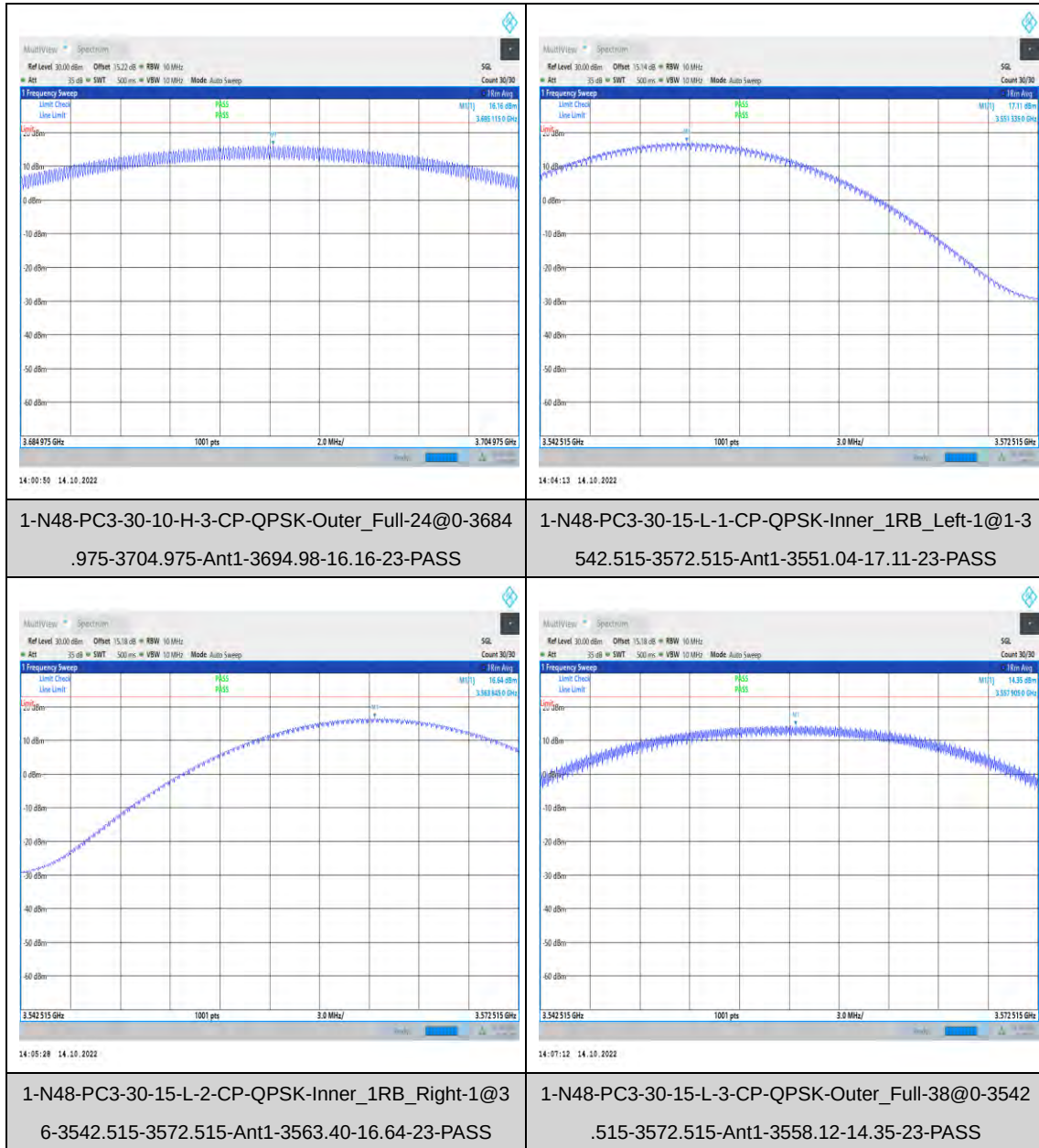


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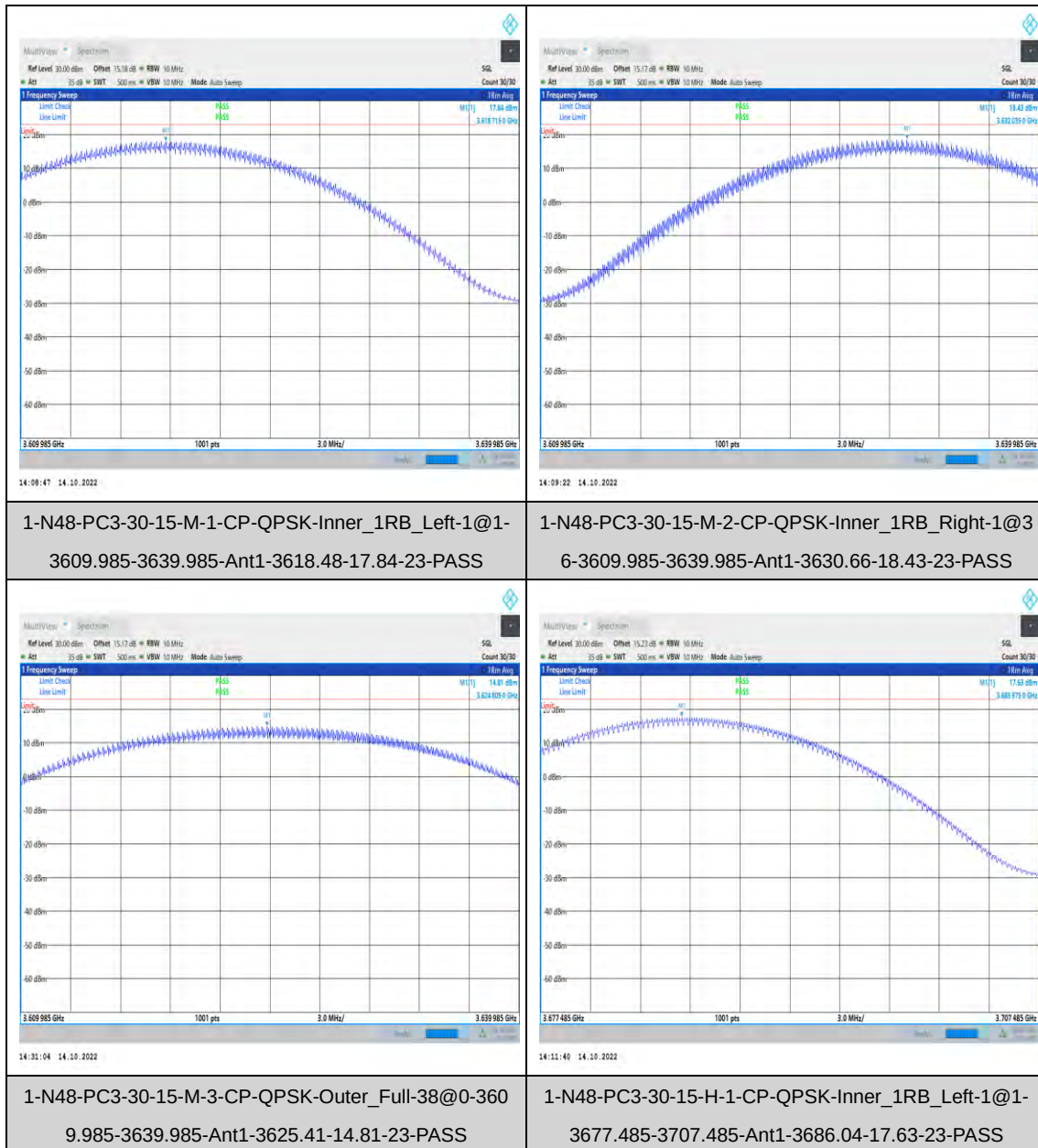
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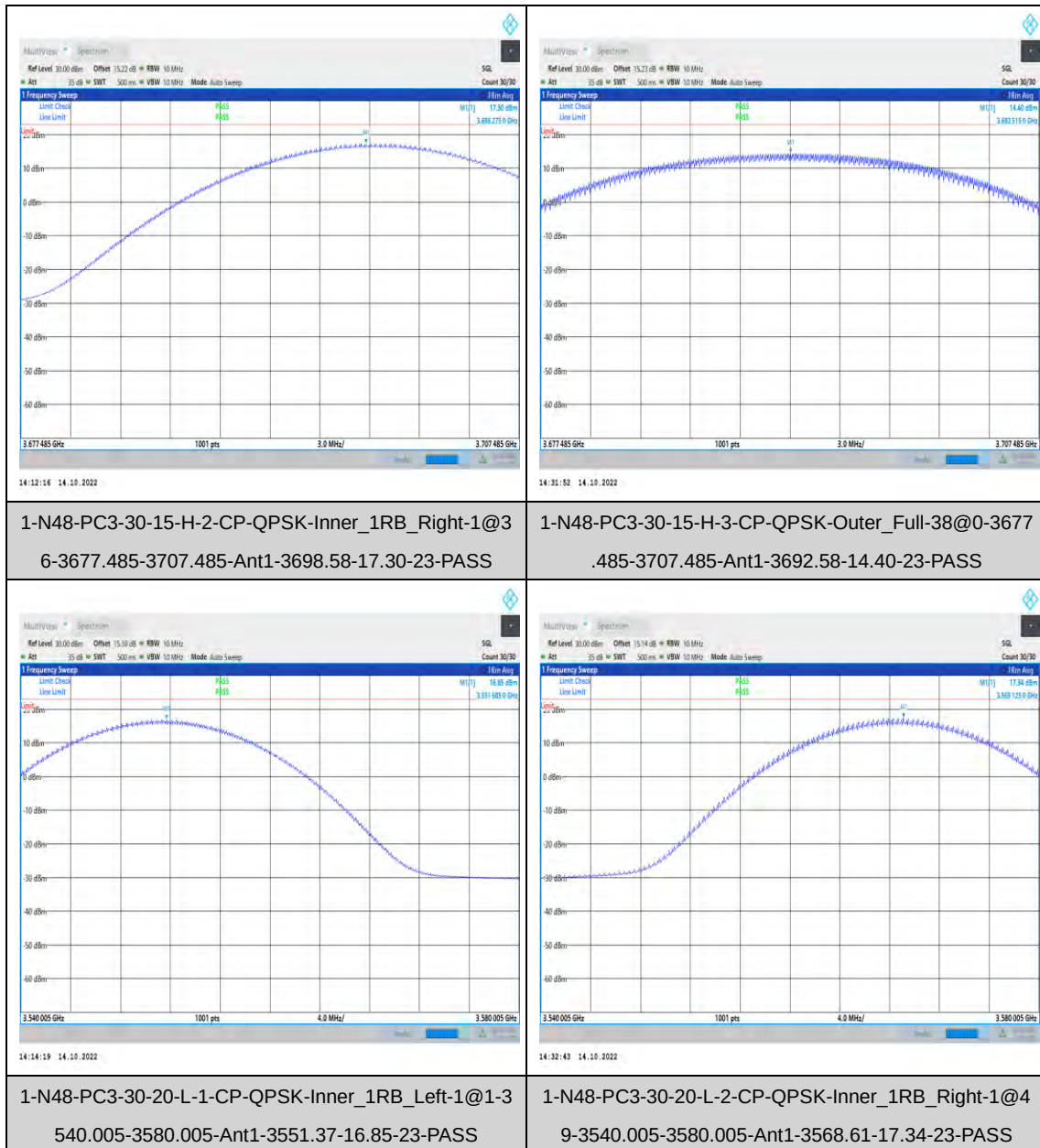
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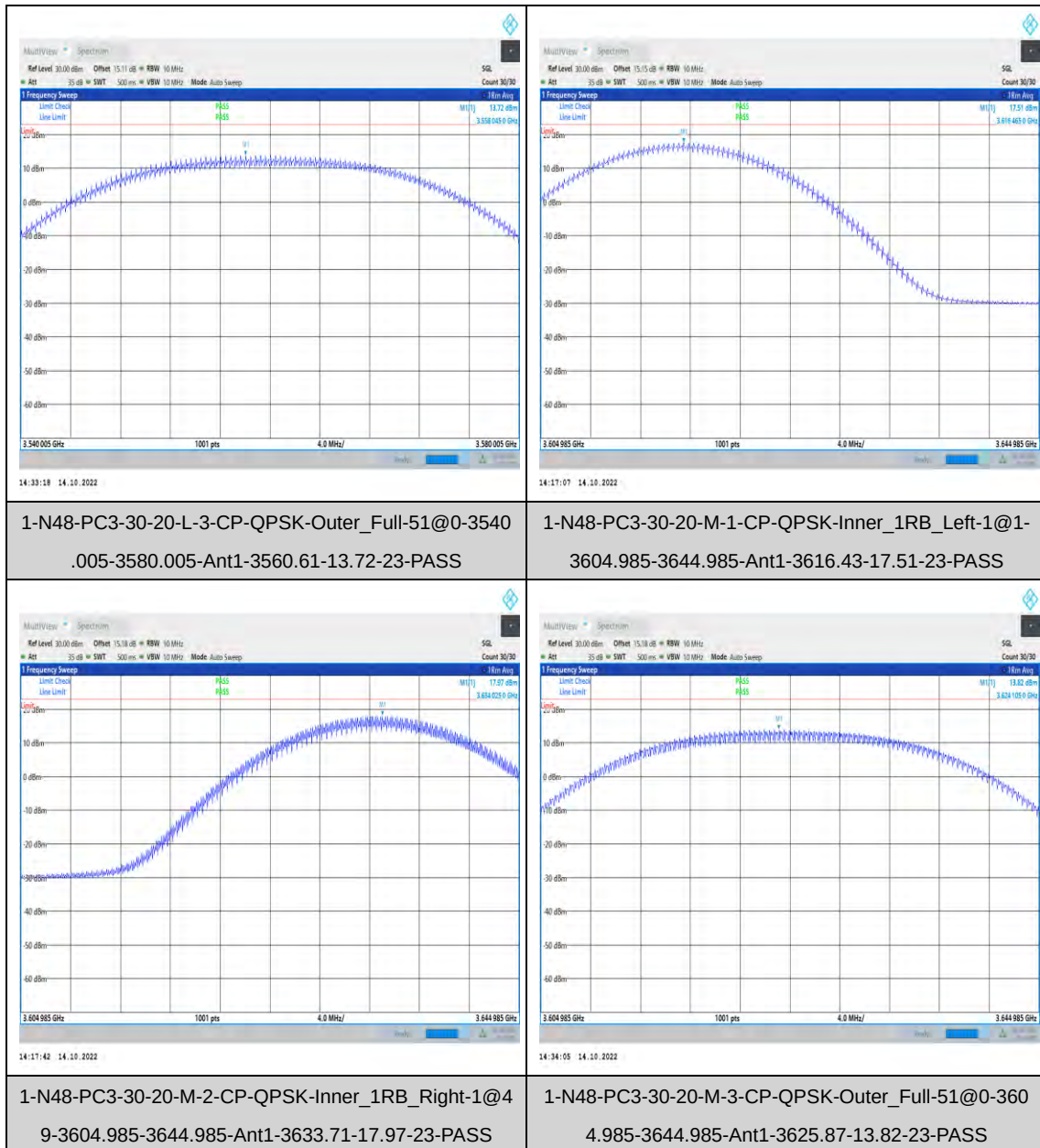


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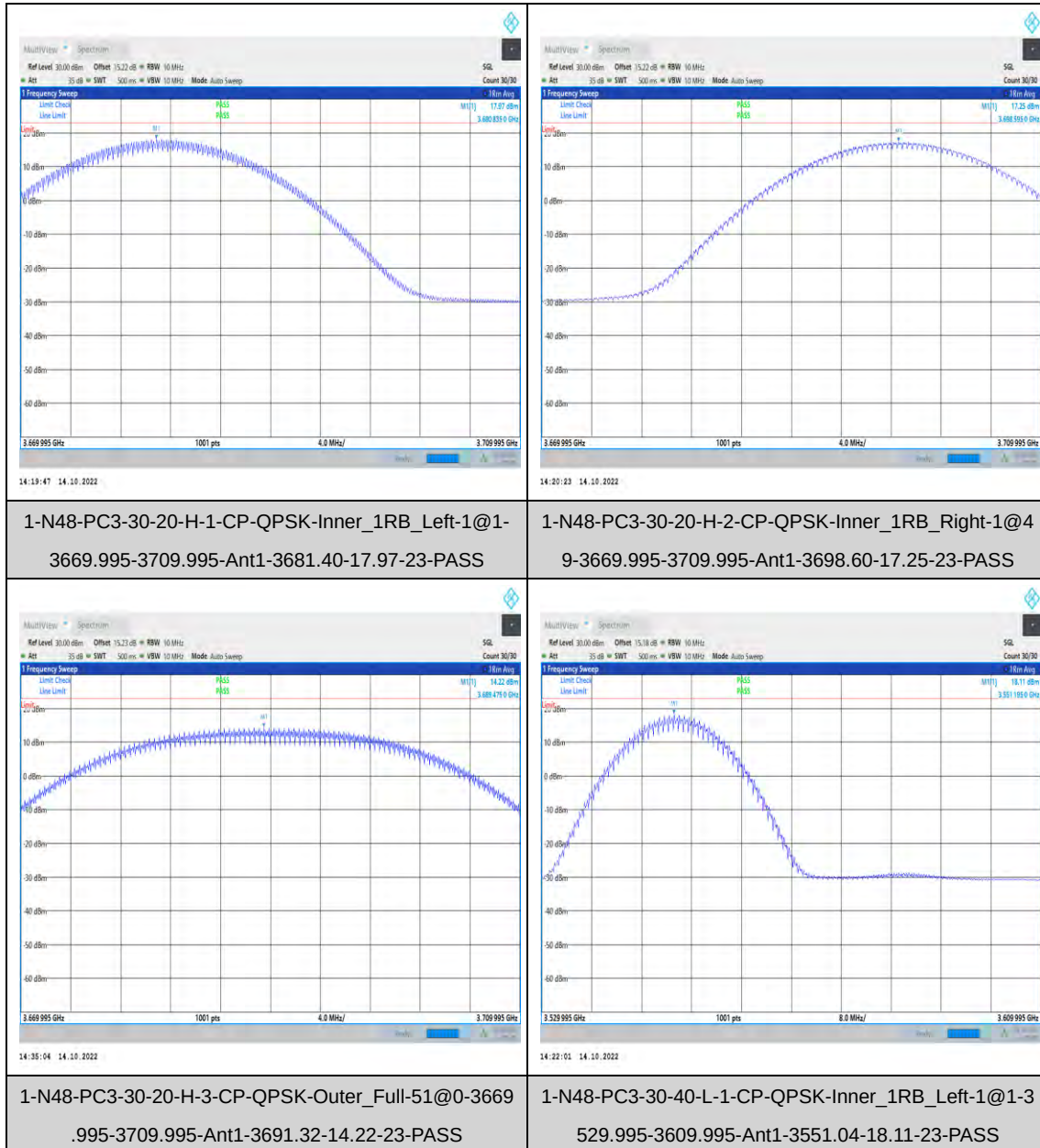


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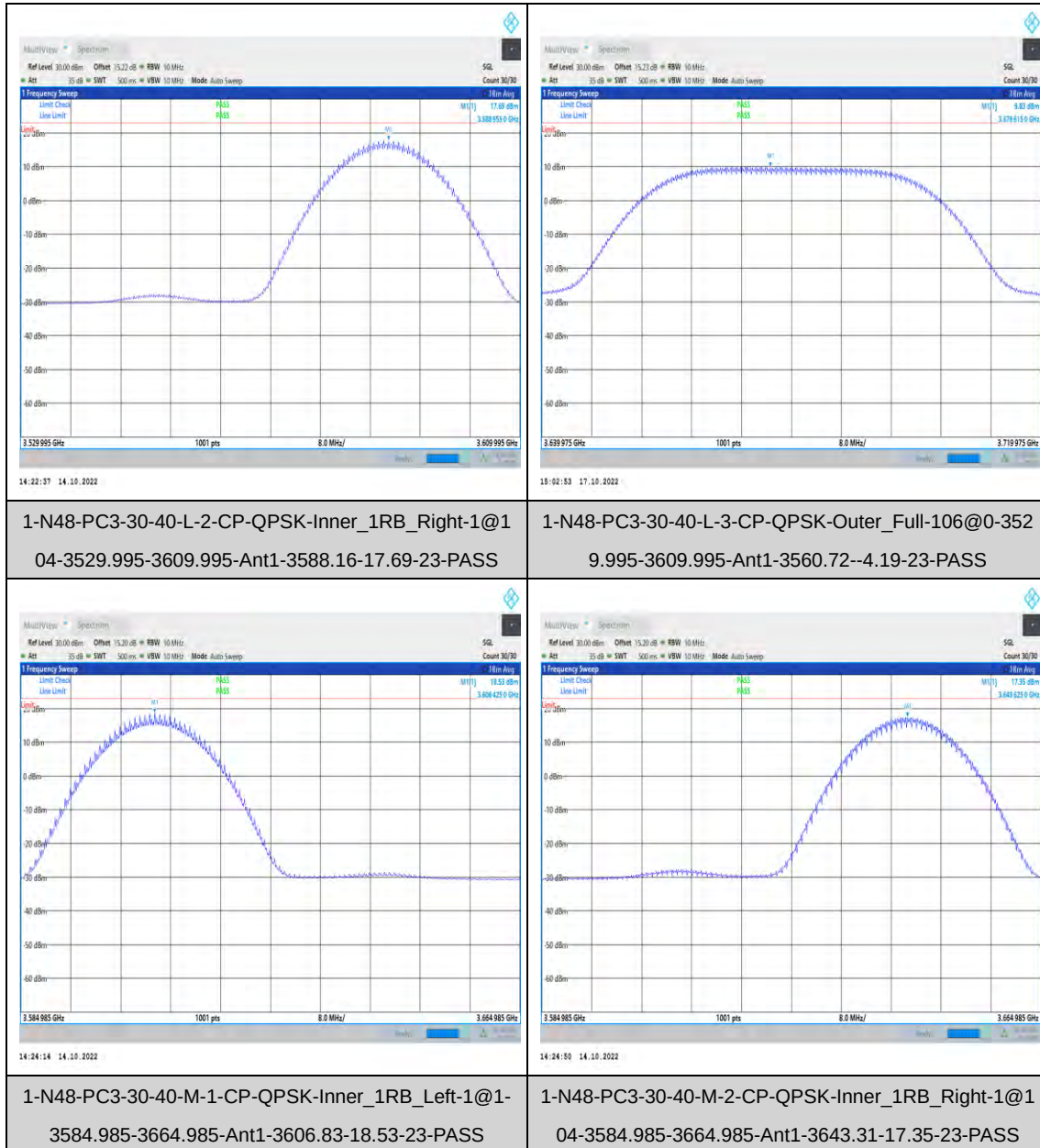
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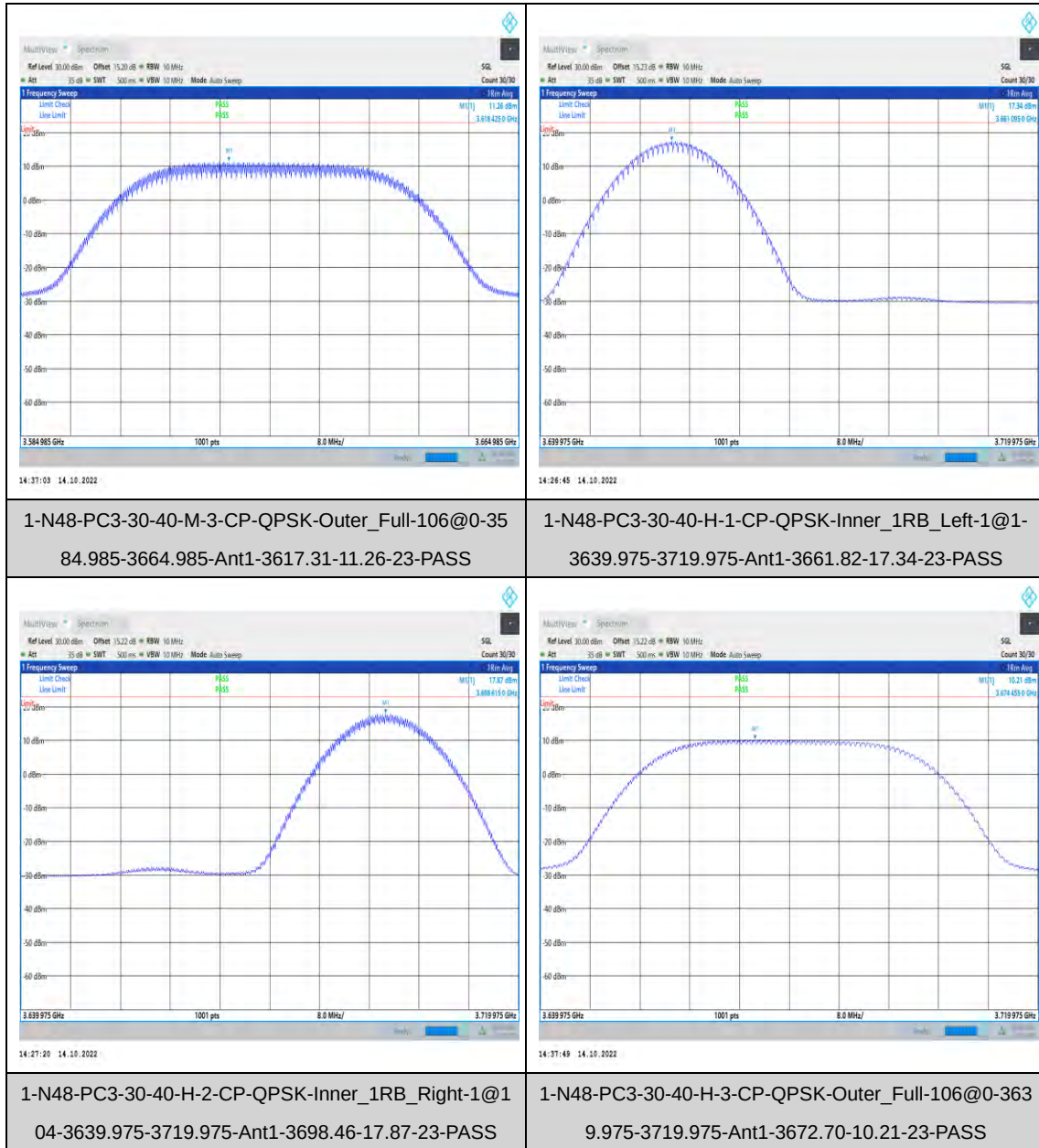
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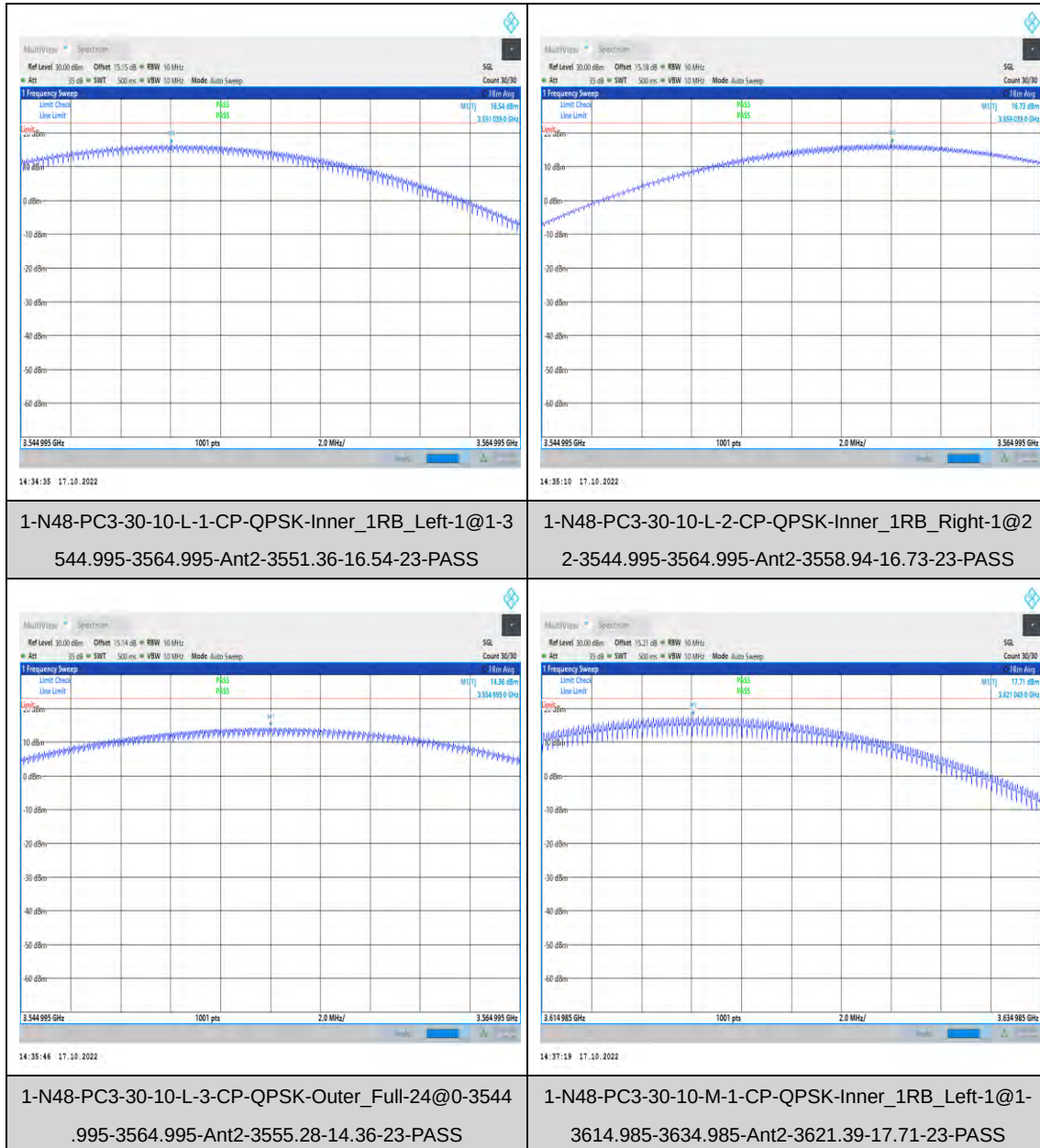
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## Test Graphs Ant2



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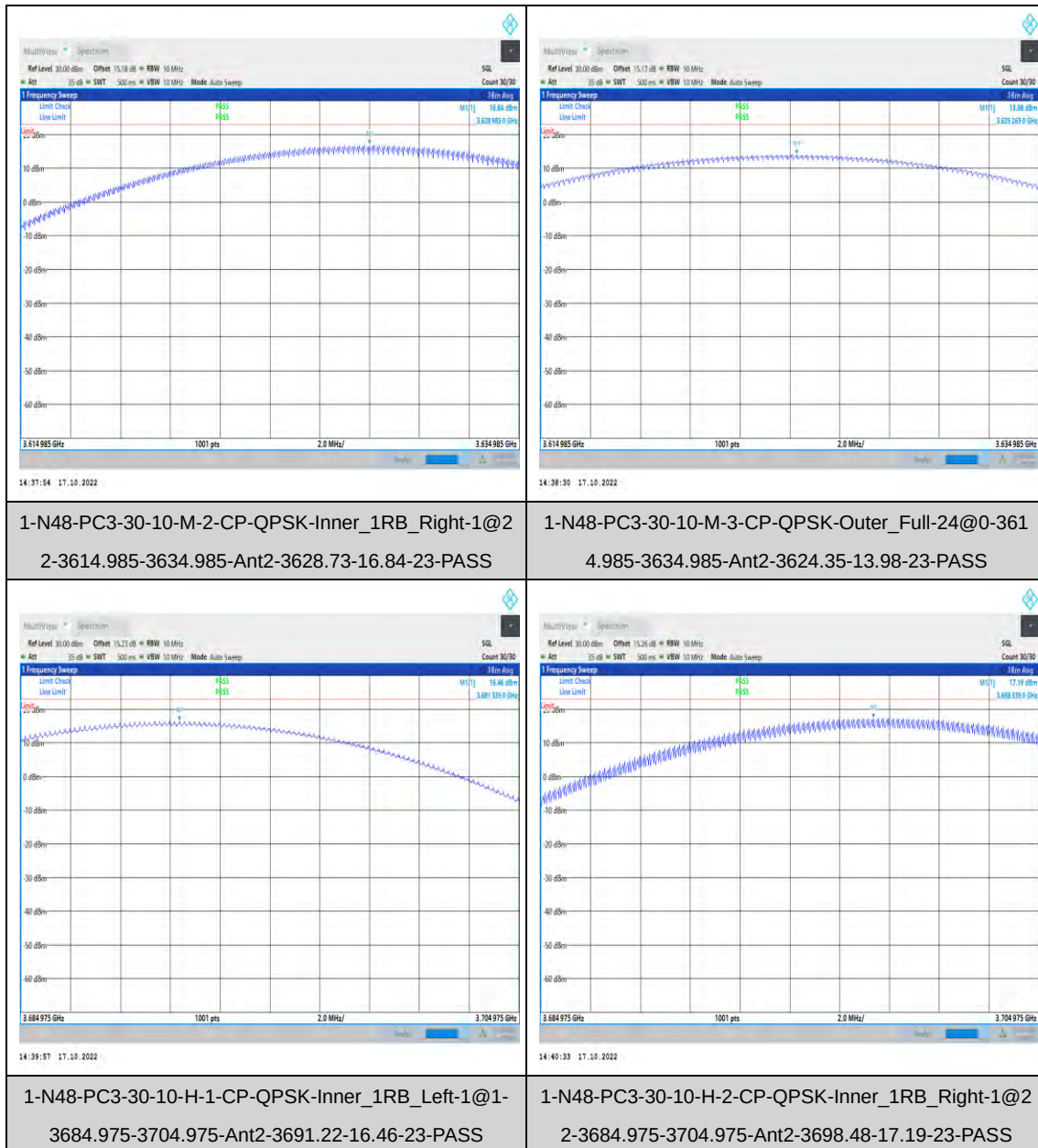
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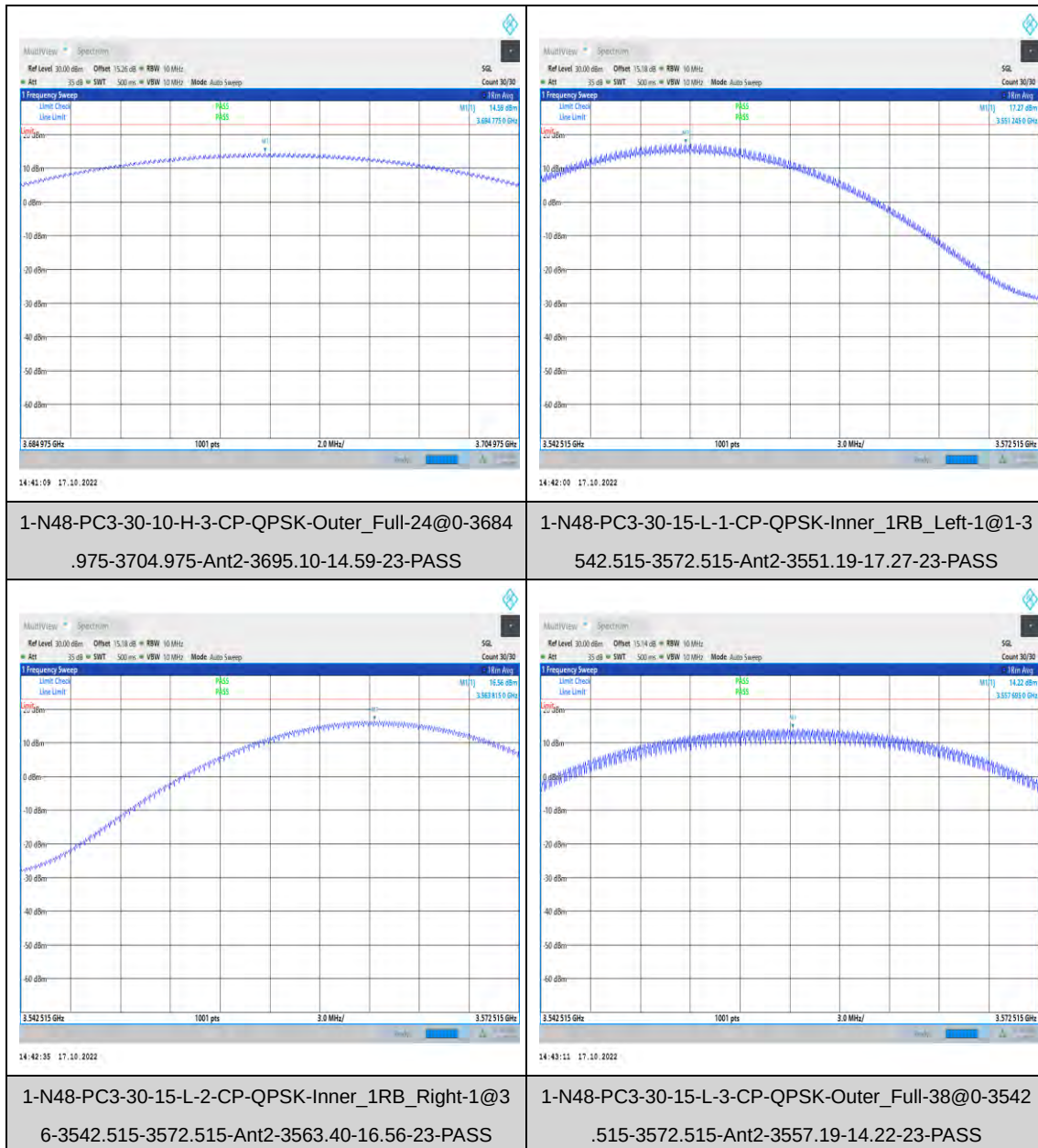


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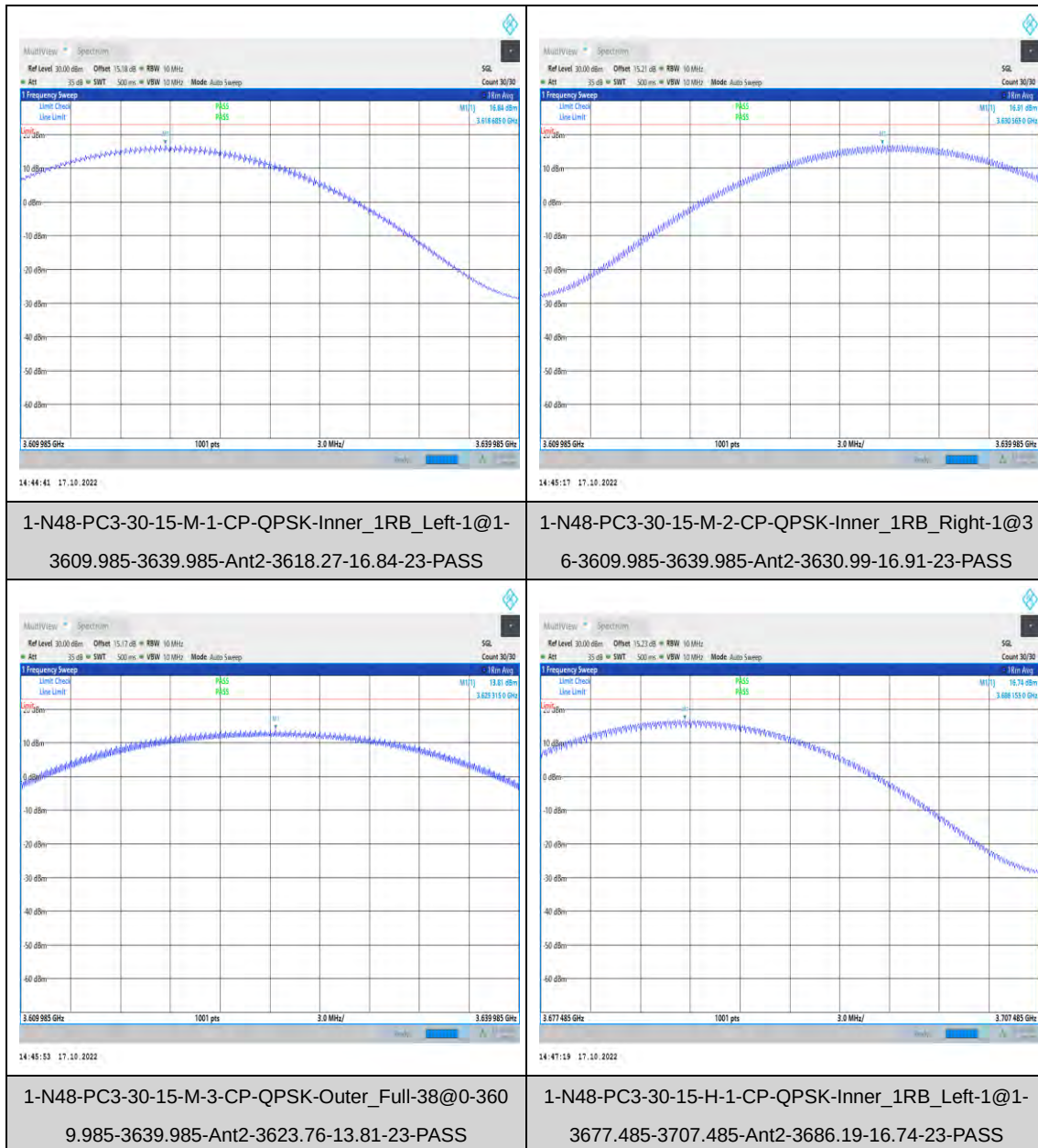
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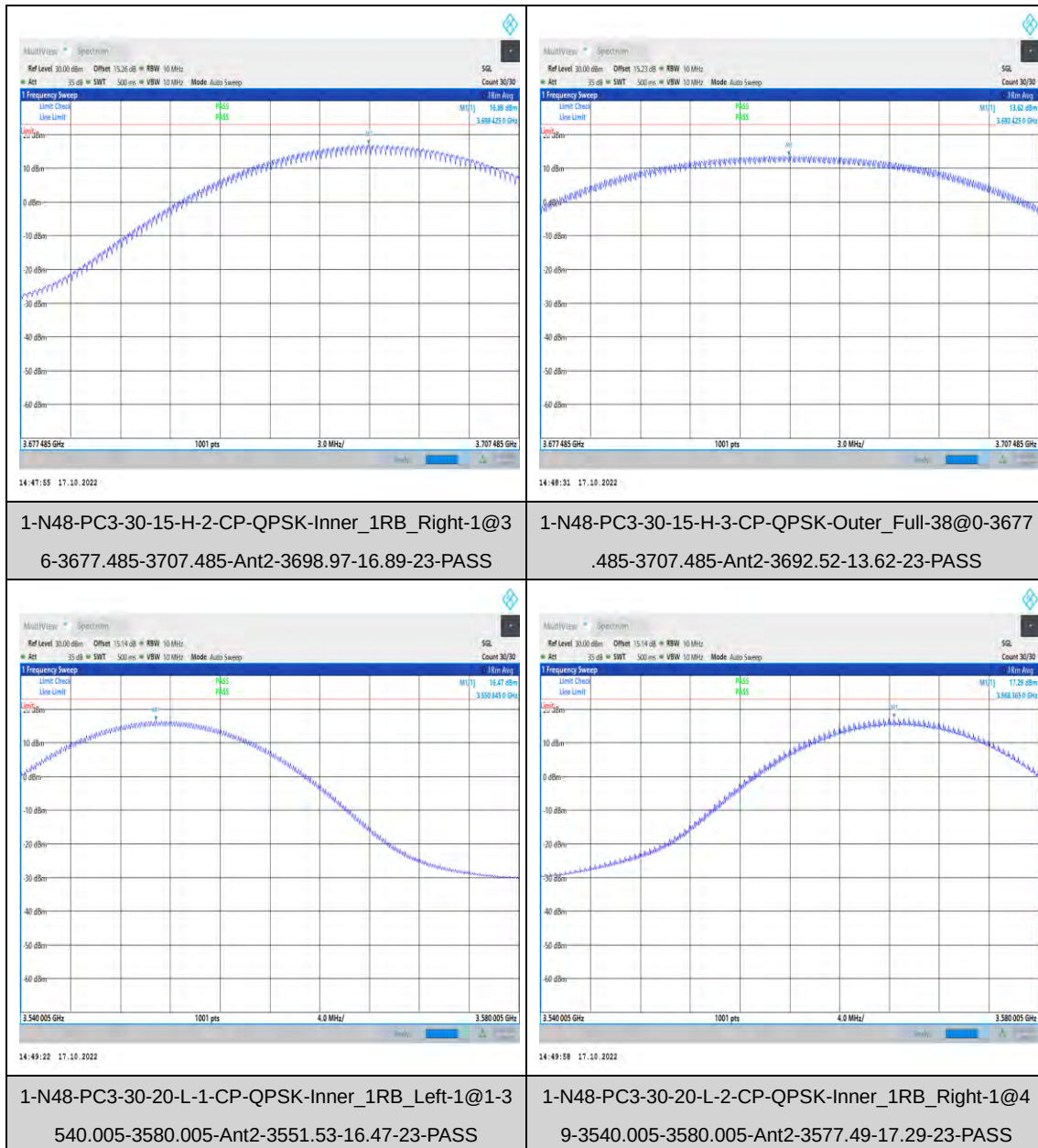
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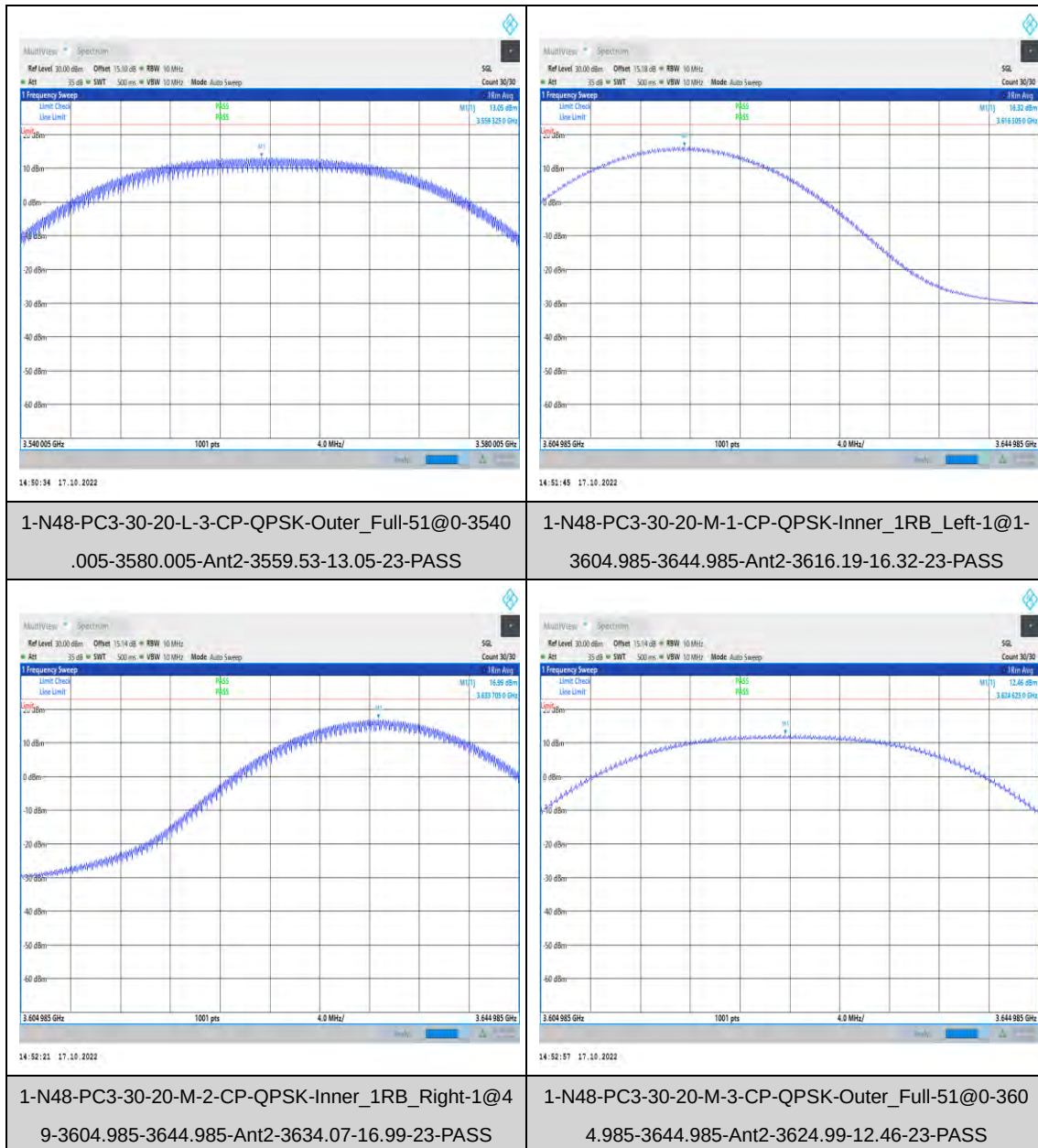
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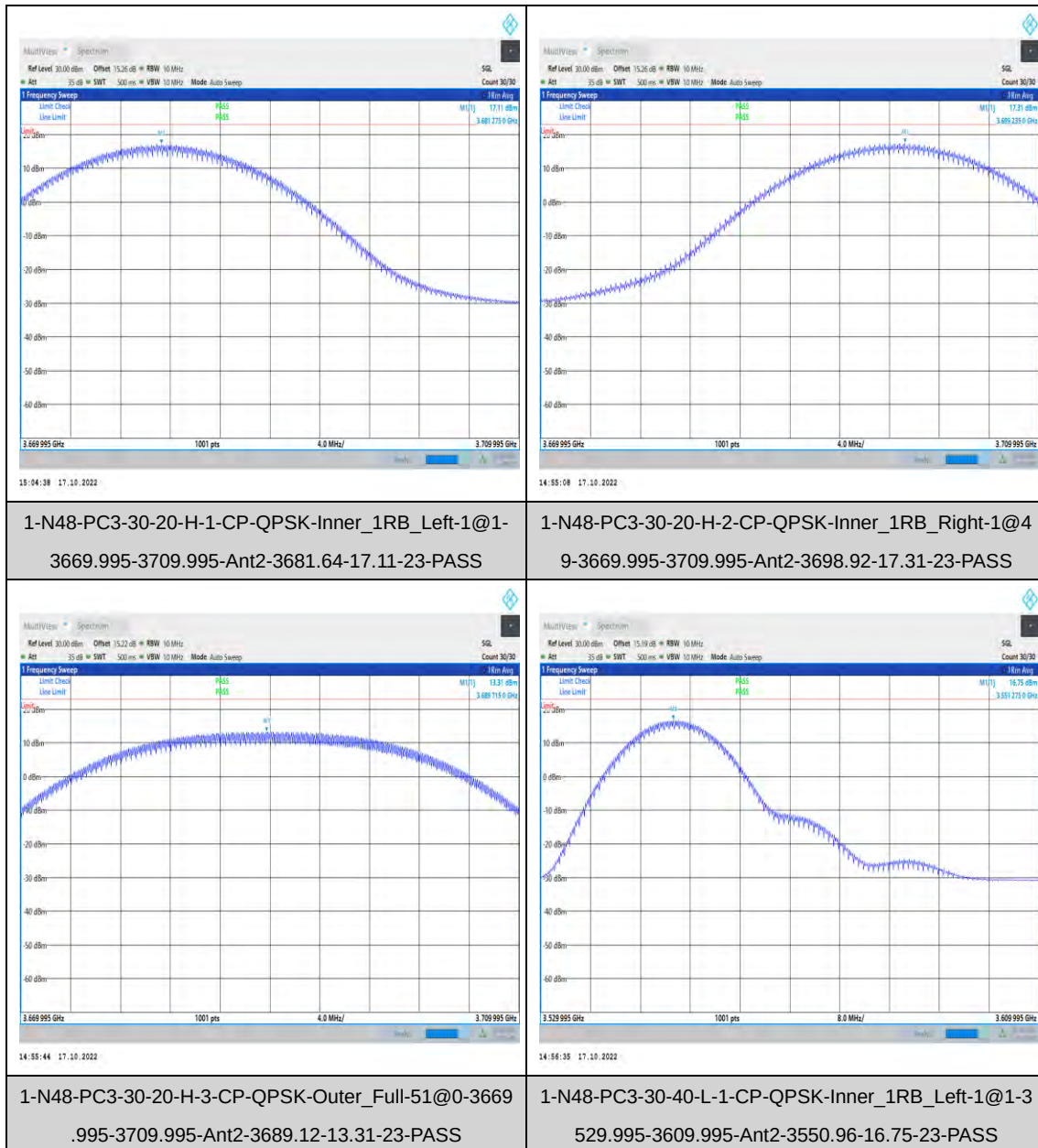


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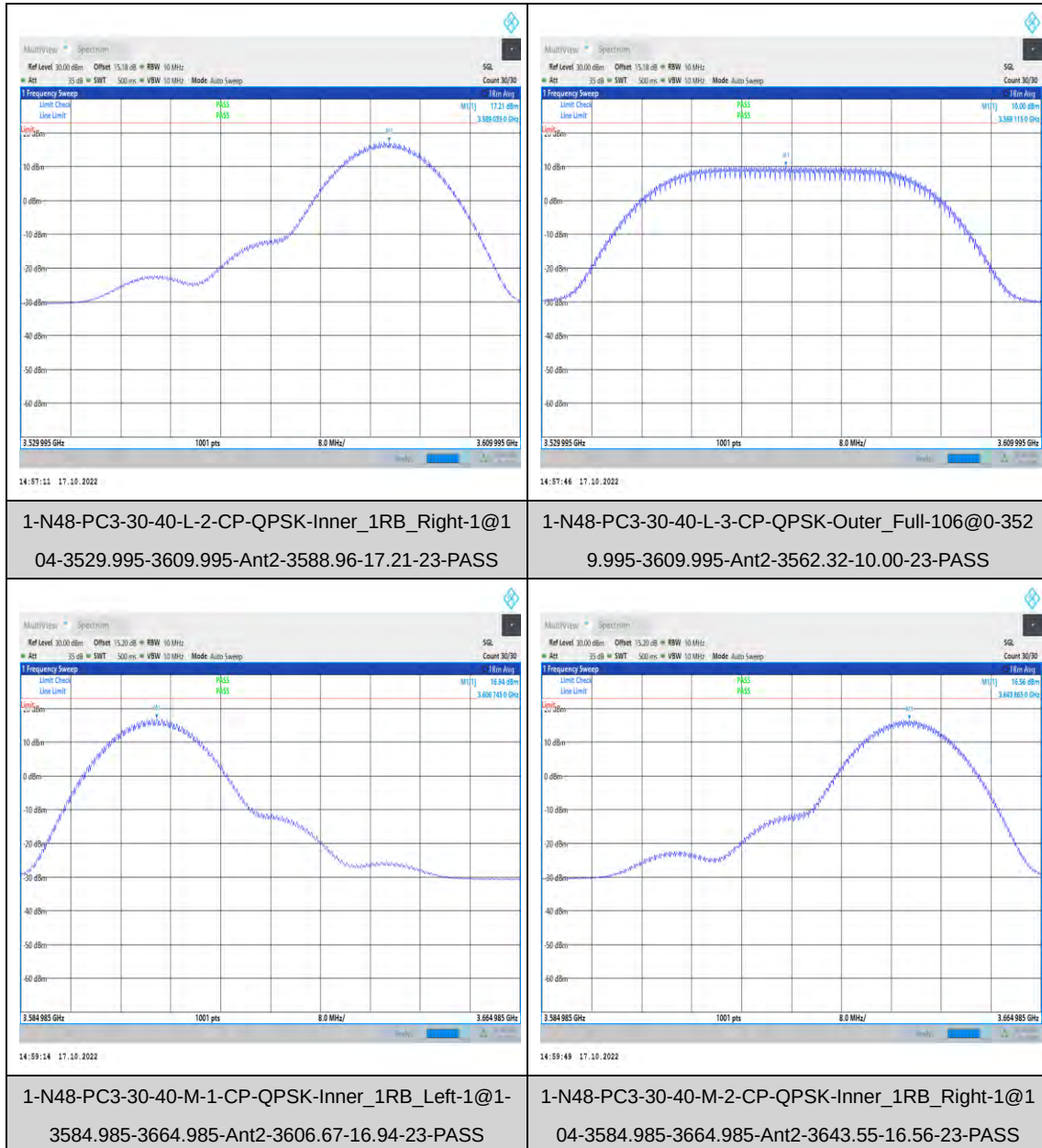


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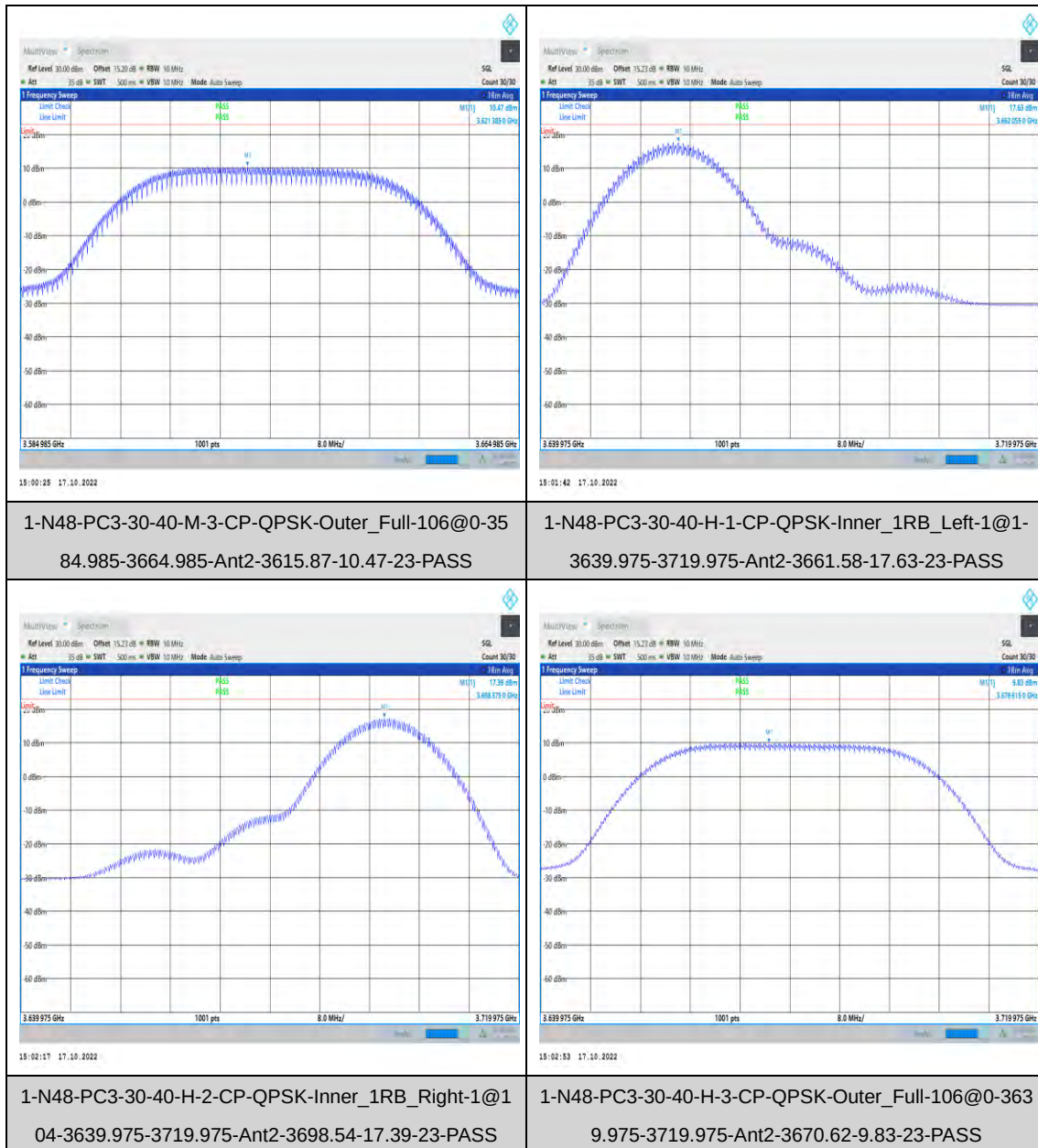


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