

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

## Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config       | Power (dBm) | EIRP (dBm) | LIMIT | Verdict |
|------|-----|-----------|-------------|---------|-----------------|-------------|------------|-------|---------|
| N48  | 30  | 10        | DFT-PI2BPSK | L       | Inner_1RB_Left  | 20.58       | 20.00      | 23    | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | L       | Inner_1RB_Right | 20.48       | 19.90      | 23    | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | L       | Outer_Full      | 20.02       | 19.44      | 23    | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | L       | Inner_1RB_Left  | 20.52       | 19.94      | 23    | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | L       | Inner_1RB_Right | 20.57       | 19.99      | 23    | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | L       | Outer_Full      | 19.91       | 19.33      | 23    | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | L       | Inner_1RB_Left  | 19.91       | 19.33      | 23    | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | L       | Inner_1RB_Right | 20.02       | 19.44      | 23    | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | L       | Outer_Full      | 18.93       | 18.35      | 23    | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | L       | Inner_1RB_Left  | 19.00       | 18.42      | 23    | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | L       | Inner_1RB_Right | 18.82       | 18.24      | 23    | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | L       | Outer_Full      | 17.87       | 17.29      | 23    | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | L       | Inner_1RB_Left  | 15.88       | 15.30      | 23    | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | L       | Inner_1RB_Right | 15.88       | 15.30      | 23    | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | L       | Outer_Full      | 16.03       | 15.45      | 23    | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | M       | Inner_1RB_Left  | 20.30       | 19.72      | 23    | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | M       | Inner_1RB_Right | 20.13       | 19.55      | 23    | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | M       | Outer_Full      | 19.76       | 19.18      | 23    | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | M       | Inner_1RB_Left  | 20.31       | 19.73      | 23    | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | M       | Inner_1RB_Right | 20.18       | 19.60      | 23    | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | M       | Outer_Full      | 19.27       | 18.69      | 23    | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | M       | Inner_1RB_Left  | 19.44       | 18.86      | 23    | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | M       | Inner_1RB_Right | 19.35       | 18.77      | 23    | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | M       | Outer_Full      | 18.26       | 17.68      | 23    | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | M       | Inner_1RB_Left  | 17.79       | 17.21      | 23    | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | M       | Inner_1RB_Right | 17.67       | 17.09      | 23    | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | M       | Outer_Full      | 17.76       | 17.18      | 23    | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | M       | Inner_1RB_Left  | 15.56       | 14.98      | 23    | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | M       | Inner_1RB_Right | 15.48       | 14.90      | 23    | PASS    |



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|     |    |    |             |   |                 |       |       |    |      |
|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N48 | 30 | 10 | DFT-256QAM  | M | Outer_Full      | 15.66 | 15.08 | 23 | PASS |
| N48 | 30 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left  | 20.11 | 19.53 | 23 | PASS |
| N48 | 30 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 20.12 | 19.54 | 23 | PASS |
| N48 | 30 | 10 | DFT-PI2BPSK | H | Outer_Full      | 19.62 | 19.04 | 23 | PASS |
| N48 | 30 | 10 | DFT-QPSK    | H | Inner_1RB_Left  | 20.07 | 19.49 | 23 | PASS |
| N48 | 30 | 10 | DFT-QPSK    | H | Inner_1RB_Right | 20.03 | 19.45 | 23 | PASS |
| N48 | 30 | 10 | DFT-QPSK    | H | Outer_Full      | 19.02 | 18.44 | 23 | PASS |
| N48 | 30 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 18.82 | 18.24 | 23 | PASS |
| N48 | 30 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 19.00 | 18.42 | 23 | PASS |
| N48 | 30 | 10 | DFT-16QAM   | H | Outer_Full      | 18.89 | 18.31 | 23 | PASS |
| N48 | 30 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 17.87 | 17.29 | 23 | PASS |
| N48 | 30 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 17.67 | 17.09 | 23 | PASS |
| N48 | 30 | 10 | DFT-64QAM   | H | Outer_Full      | 17.57 | 16.99 | 23 | PASS |
| N48 | 30 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 15.38 | 14.80 | 23 | PASS |
| N48 | 30 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 15.31 | 14.73 | 23 | PASS |
| N48 | 30 | 10 | DFT-256QAM  | H | Outer_Full      | 15.51 | 14.93 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left  | 20.76 | 20.18 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 20.75 | 20.17 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full      | 20.32 | 19.74 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | L | Inner_1RB_Left  | 20.82 | 20.24 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | L | Inner_1RB_Right | 20.73 | 20.15 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | L | Outer_Full      | 19.69 | 19.11 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | L | Inner_1RB_Left  | 19.91 | 19.33 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | L | Inner_1RB_Right | 19.86 | 19.28 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | L | Outer_Full      | 18.81 | 18.23 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | L | Inner_1RB_Left  | 18.18 | 17.60 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | L | Inner_1RB_Right | 18.18 | 17.60 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | L | Outer_Full      | 18.24 | 17.66 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | L | Inner_1RB_Left  | 16.01 | 15.43 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | L | Inner_1RB_Right | 16.01 | 15.43 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | L | Outer_Full      | 16.08 | 15.50 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left  | 20.53 | 19.95 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 20.25 | 19.67 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full      | 19.85 | 19.27 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | M | Inner_1RB_Left  | 20.53 | 19.95 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | M | Inner_1RB_Right | 20.25 | 19.67 | 23 | PASS |



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|     |    |    |             |   |                 |       |       |    |      |
|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N48 | 30 | 20 | DFT-QPSK    | M | Outer_Full      | 19.33 | 18.75 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 19.70 | 19.12 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 19.38 | 18.80 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | M | Outer_Full      | 18.33 | 17.75 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 17.94 | 17.36 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 17.66 | 17.08 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | M | Outer_Full      | 17.87 | 17.29 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 15.79 | 15.21 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 15.51 | 14.93 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | M | Outer_Full      | 15.74 | 15.16 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 20.66 | 20.08 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 21.36 | 20.78 | 23 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full      | 20.72 | 20.14 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 21.33 | 20.75 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 21.35 | 20.77 | 23 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | H | Outer_Full      | 20.32 | 19.74 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 20.38 | 19.80 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 20.35 | 19.77 | 23 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | H | Outer_Full      | 19.31 | 18.73 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 18.76 | 18.18 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 18.68 | 18.10 | 23 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | H | Outer_Full      | 18.77 | 18.19 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 15.37 | 14.79 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 15.63 | 15.05 | 23 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | H | Outer_Full      | 15.45 | 14.87 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | L | Inner_1RB_Left  | 20.16 | 19.58 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | L | Inner_1RB_Right | 19.85 | 19.27 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | L | Outer_Full      | 19.48 | 18.90 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | L | Inner_1RB_Left  | 20.1  | 19.52 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | L | Inner_1RB_Right | 19.76 | 19.18 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | L | Outer_Full      | 18.95 | 18.37 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | L | Inner_1RB_Left  | 19.26 | 18.68 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | L | Inner_1RB_Right | 18.93 | 18.35 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | L | Outer_Full      | 17.91 | 17.33 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | L | Inner_1RB_Left  | 17.65 | 17.07 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | L | Inner_1RB_Right | 17.27 | 16.69 | 23 | PASS |



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|     |    |    |             |   |                 |       |       |    |      |
|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N48 | 30 | 30 | DFT-64QAM   | L | Outer_Full      | 17.49 | 16.91 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | L | Inner_1RB_Left  | 15.48 | 14.90 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | L | Inner_1RB_Right | 15.12 | 14.54 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | L | Outer_Full      | 15.42 | 14.84 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | M | Inner_1RB_Left  | 19.89 | 19.31 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | M | Inner_1RB_Right | 19.54 | 18.96 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | M | Outer_Full      | 19.19 | 18.61 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | M | Inner_1RB_Left  | 19.87 | 19.29 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | M | Inner_1RB_Right | 19.54 | 18.96 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | M | Outer_Full      | 18.65 | 18.07 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | M | Inner_1RB_Left  | 18.96 | 18.38 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | M | Inner_1RB_Right | 18.6  | 18.02 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | M | Outer_Full      | 17.68 | 17.10 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | M | Inner_1RB_Left  | 17.44 | 16.86 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | M | Inner_1RB_Right | 16.96 | 16.38 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | M | Outer_Full      | 17.21 | 16.63 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | M | Inner_1RB_Left  | 15.2  | 14.62 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | M | Inner_1RB_Right | 14.89 | 14.31 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | M | Outer_Full      | 15.15 | 14.57 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | H | Inner_1RB_Left  | 19.33 | 18.75 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | H | Inner_1RB_Right | 18.99 | 18.41 | 23 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | H | Outer_Full      | 18.58 | 18.00 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | H | Inner_1RB_Left  | 19.34 | 18.76 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | H | Inner_1RB_Right | 18.97 | 18.39 | 23 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | H | Outer_Full      | 18.1  | 17.52 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | H | Inner_1RB_Left  | 18.43 | 17.85 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | H | Inner_1RB_Right | 18.04 | 17.46 | 23 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | H | Outer_Full      | 17.05 | 16.47 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | H | Inner_1RB_Left  | 16.8  | 16.22 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | H | Inner_1RB_Right | 16.46 | 15.88 | 23 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | H | Outer_Full      | 16.62 | 16.04 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | H | Inner_1RB_Left  | 14.68 | 14.10 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | H | Inner_1RB_Right | 14.34 | 13.76 | 23 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | H | Outer_Full      | 14.53 | 13.95 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Left  | 21.30 | 20.72 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | L | Inner_1RB_Right | 20.44 | 19.86 | 23 | PASS |



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|     |    |    |             |   |                 |       |       |    |      |
|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N48 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full      | 20.10 | 19.52 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Left  | 20.64 | 20.06 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | L | Inner_1RB_Right | 20.39 | 19.81 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | L | Outer_Full      | 19.47 | 18.89 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Left  | 19.82 | 19.24 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | L | Inner_1RB_Right | 19.56 | 18.98 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | L | Outer_Full      | 18.42 | 17.84 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Left  | 18.15 | 17.57 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | L | Inner_1RB_Right | 17.84 | 17.26 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | L | Outer_Full      | 17.92 | 17.34 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Left  | 15.89 | 15.31 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | L | Inner_1RB_Right | 15.67 | 15.09 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | L | Outer_Full      | 15.92 | 15.34 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Left  | 20.46 | 19.88 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | M | Inner_1RB_Right | 20.19 | 19.61 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full      | 19.83 | 19.25 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Left  | 20.41 | 19.83 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | M | Inner_1RB_Right | 20.12 | 19.54 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | M | Outer_Full      | 20.02 | 19.44 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Left  | 18.69 | 18.11 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | M | Inner_1RB_Right | 18.89 | 18.31 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | M | Outer_Full      | 17.87 | 17.29 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Left  | 17.67 | 17.09 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | M | Inner_1RB_Right | 17.60 | 17.02 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | M | Outer_Full      | 17.46 | 16.88 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Left  | 15.81 | 15.23 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | M | Inner_1RB_Right | 15.47 | 14.89 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | M | Outer_Full      | 15.69 | 15.11 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Left  | 20.29 | 19.71 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | H | Inner_1RB_Right | 20.19 | 19.61 | 23 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full      | 19.65 | 19.07 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Left  | 20.27 | 19.69 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | H | Inner_1RB_Right | 20.21 | 19.63 | 23 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | H | Outer_Full      | 19.17 | 18.59 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Left  | 19.41 | 18.83 | 23 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | H | Inner_1RB_Right | 19.36 | 18.78 | 23 | PASS |



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|     |    |    |            |   |                 |       |       |    |      |
|-----|----|----|------------|---|-----------------|-------|-------|----|------|
| N48 | 30 | 40 | DFT-16QAM  | H | Outer_Full      | 18.16 | 17.58 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM  | H | Inner_1RB_Left  | 17.82 | 17.24 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM  | H | Inner_1RB_Right | 17.61 | 17.03 | 23 | PASS |
| N48 | 30 | 40 | DFT-64QAM  | H | Outer_Full      | 17.63 | 17.05 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM | H | Inner_1RB_Left  | 15.59 | 15.01 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM | H | Inner_1RB_Right | 15.47 | 14.89 | 23 | PASS |
| N48 | 30 | 40 | DFT-256QAM | H | Outer_Full      | 15.60 | 15.02 | 23 | PASS |



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## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(PAPR)

## Test Result

| Band | SCS | Bandwidth<br>h | Modulation | Channel | RB Config  | DutyCycle | Factor | Result | Limit | Verdict |
|------|-----|----------------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N48  | 30  | 40             | DFT-256QAM | L       | Outer_Full | 100%      | 0.00   | 9.64   | ≤13   | PASS    |
| N48  | 30  | 40             | CP-256QAM  | L       | Outer_Full | 100%      | 0.00   | 10.55  | ≤13   | PASS    |
| N48  | 30  | 40             | DFT-256QAM | M       | Outer_Full | 100%      | 0.00   | 9.72   | ≤13   | PASS    |
| N48  | 30  | 40             | CP-256QAM  | M       | Outer_Full | 100%      | 0.00   | 9.79   | ≤13   | PASS    |
| N48  | 30  | 40             | DFT-256QAM | H       | Outer_Full | 100%      | 0.00   | 9.83   | ≤13   | PASS    |
| N48  | 30  | 40             | CP-256QAM  | H       | Outer_Full | 100%      | 0.00   | 10.03  | ≤13   | PASS    |



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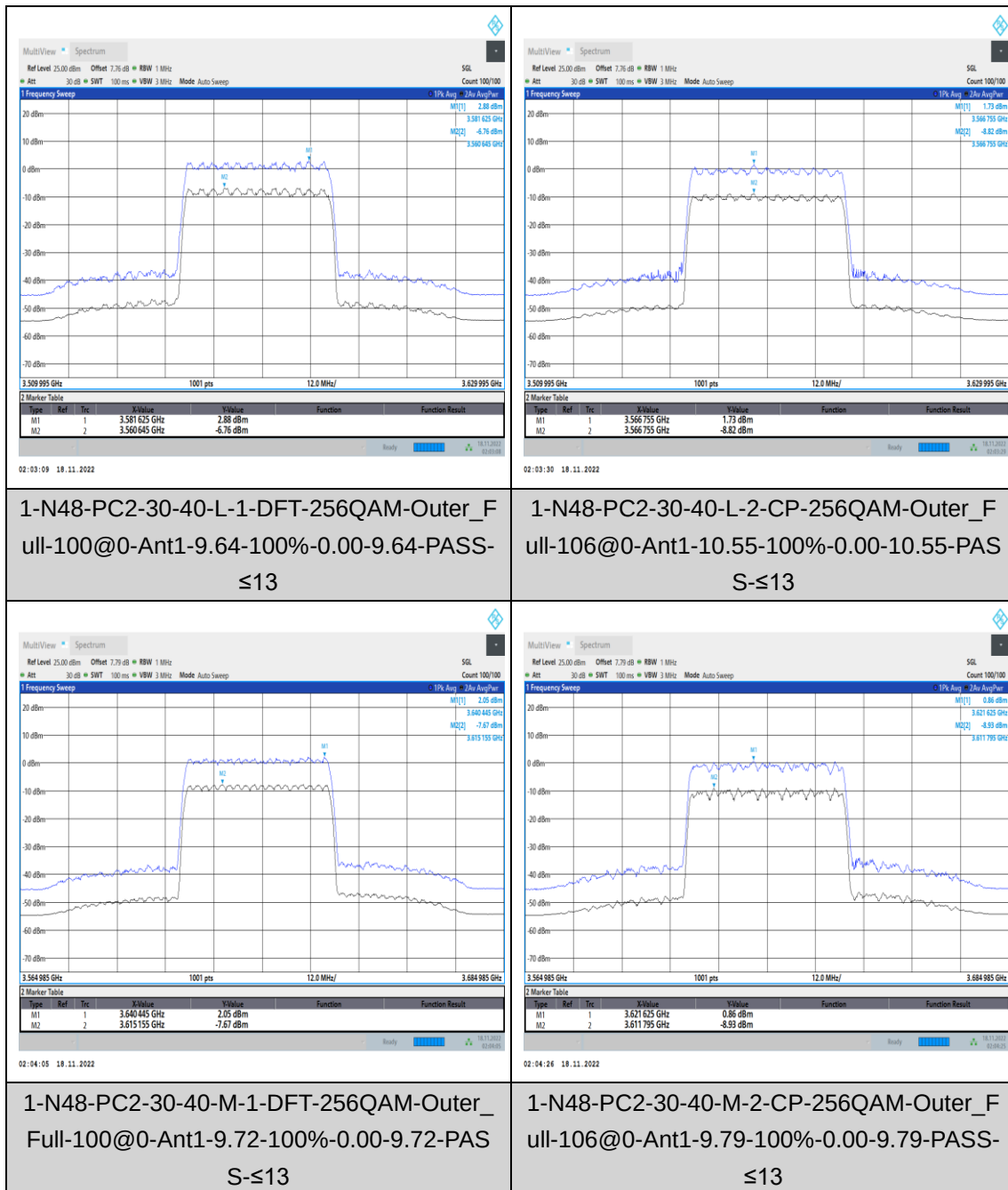
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## Test Graphs



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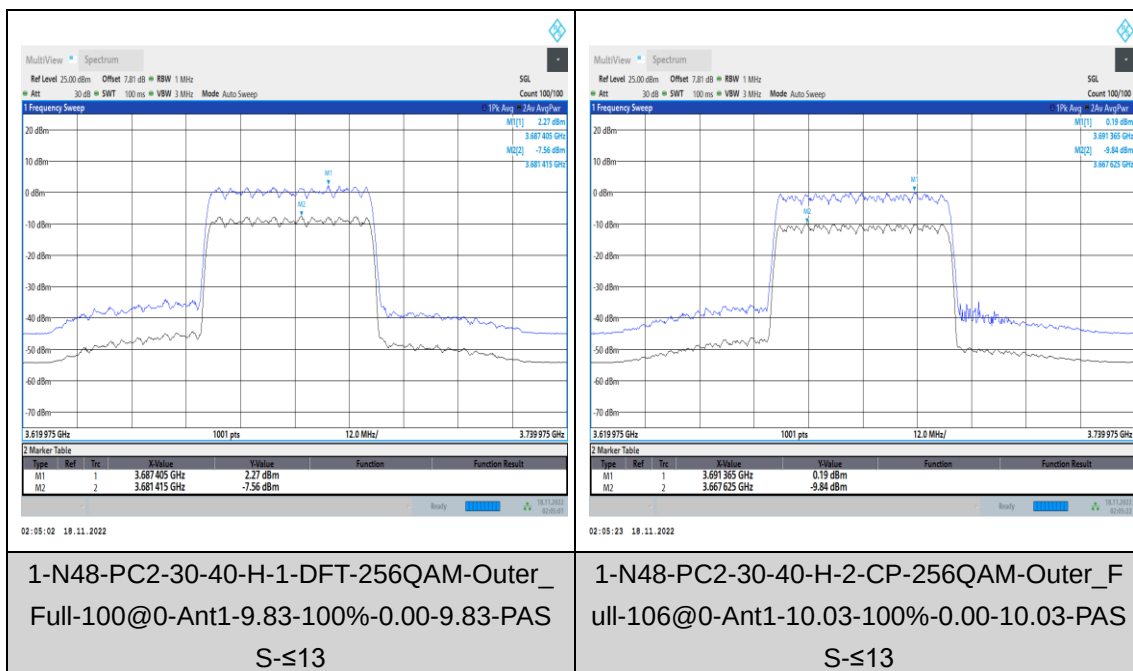
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## Bandwidth and Occupied Bandwidth for SA

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N48  | 30  | 10        | DFT-QPSK    | L       | Outer_Full | 8.572        | 9.740         | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.617        | 9.900         | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | L       | Outer_Full | 8.607        | 9.820         | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | L       | Outer_Full | 8.589        | 9.700         | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | L       | Outer_Full | 8.578        | 9.680         | PASS    |
| N48  | 30  | 10        | CP-QPSK     | L       | Outer_Full | 8.592        | 9.940         | PASS    |
| N48  | 30  | 10        | CP-16QAM    | L       | Outer_Full | 8.613        | 9.960         | PASS    |
| N48  | 30  | 10        | CP-64QAM    | L       | Outer_Full | 8.601        | 9.820         | PASS    |
| N48  | 30  | 10        | CP-256QAM   | L       | Outer_Full | 8.572        | 9.700         | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | M       | Outer_Full | 8.605        | 9.860         | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | M       | Outer_Full | 8.607        | 9.840         | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | M       | Outer_Full | 8.603        | 9.720         | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | M       | Outer_Full | 8.587        | 9.700         | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | M       | Outer_Full | 8.578        | 9.520         | PASS    |
| N48  | 30  | 10        | CP-QPSK     | M       | Outer_Full | 8.595        | 9.900         | PASS    |
| N48  | 30  | 10        | CP-16QAM    | M       | Outer_Full | 8.602        | 10.020        | PASS    |
| N48  | 30  | 10        | CP-64QAM    | M       | Outer_Full | 8.599        | 9.840         | PASS    |
| N48  | 30  | 10        | CP-256QAM   | M       | Outer_Full | 8.565        | 9.600         | PASS    |
| N48  | 30  | 10        | DFT-QPSK    | H       | Outer_Full | 8.605        | 9.800         | PASS    |
| N48  | 30  | 10        | DFT-PI2BPSK | H       | Outer_Full | 8.611        | 9.780         | PASS    |
| N48  | 30  | 10        | DFT-16QAM   | H       | Outer_Full | 8.596        | 9.620         | PASS    |
| N48  | 30  | 10        | DFT-64QAM   | H       | Outer_Full | 8.583        | 9.740         | PASS    |
| N48  | 30  | 10        | DFT-256QAM  | H       | Outer_Full | 8.585        | 9.700         | PASS    |
| N48  | 30  | 10        | CP-QPSK     | H       | Outer_Full | 8.601        | 10.120        | PASS    |
| N48  | 30  | 10        | CP-16QAM    | H       | Outer_Full | 8.601        | 9.860         | PASS    |
| N48  | 30  | 10        | CP-64QAM    | H       | Outer_Full | 8.598        | 9.840         | PASS    |
| N48  | 30  | 10        | CP-256QAM   | H       | Outer_Full | 8.57         | 9.580         | PASS    |
| N48  | 30  | 20        | DFT-QPSK    | L       | Outer_Full | 17.902       | 19.400        | PASS    |



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|     |    |    |             |   |            |        |        |      |
|-----|----|----|-------------|---|------------|--------|--------|------|
| N48 | 30 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.847 | 19.520 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | L | Outer_Full | 17.958 | 19.640 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | L | Outer_Full | 17.902 | 19.400 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | L | Outer_Full | 17.84  | 19.400 | PASS |
| N48 | 30 | 20 | CP-QPSK     | L | Outer_Full | 18.21  | 19.760 | PASS |
| N48 | 30 | 20 | CP-16QAM    | L | Outer_Full | 18.254 | 19.960 | PASS |
| N48 | 30 | 20 | CP-64QAM    | L | Outer_Full | 18.166 | 19.800 | PASS |
| N48 | 30 | 20 | CP-256QAM   | L | Outer_Full | 18.19  | 19.680 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | M | Outer_Full | 17.848 | 19.240 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.836 | 19.480 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | M | Outer_Full | 17.936 | 19.720 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | M | Outer_Full | 17.886 | 19.480 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | M | Outer_Full | 17.839 | 19.480 | PASS |
| N48 | 30 | 20 | CP-QPSK     | M | Outer_Full | 18.221 | 20.000 | PASS |
| N48 | 30 | 20 | CP-16QAM    | M | Outer_Full | 18.235 | 20.000 | PASS |
| N48 | 30 | 20 | CP-64QAM    | M | Outer_Full | 18.174 | 19.800 | PASS |
| N48 | 30 | 20 | CP-256QAM   | M | Outer_Full | 18.175 | 19.960 | PASS |
| N48 | 30 | 20 | DFT-QPSK    | H | Outer_Full | 17.89  | 19.440 | PASS |
| N48 | 30 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.865 | 19.520 | PASS |
| N48 | 30 | 20 | DFT-16QAM   | H | Outer_Full | 17.906 | 19.240 | PASS |
| N48 | 30 | 20 | DFT-64QAM   | H | Outer_Full | 17.918 | 19.480 | PASS |
| N48 | 30 | 20 | DFT-256QAM  | H | Outer_Full | 17.854 | 19.360 | PASS |
| N48 | 30 | 20 | CP-QPSK     | H | Outer_Full | 18.222 | 20.040 | PASS |
| N48 | 30 | 20 | CP-16QAM    | H | Outer_Full | 18.262 | 19.960 | PASS |
| N48 | 30 | 20 | CP-64QAM    | H | Outer_Full | 18.183 | 19.880 | PASS |
| N48 | 30 | 20 | CP-256QAM   | H | Outer_Full | 18.203 | 19.960 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | L | Outer_Full | 26.809 | 28.740 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | L | Outer_Full | 26.797 | 28.800 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | L | Outer_Full | 26.869 | 28.680 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | L | Outer_Full | 26.768 | 28.560 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | L | Outer_Full | 26.857 | 28.680 | PASS |
| N48 | 30 | 30 | CP-QPSK     | L | Outer_Full | 27.851 | 29.700 | PASS |
| N48 | 30 | 30 | CP-16QAM    | L | Outer_Full | 27.874 | 29.640 | PASS |
| N48 | 30 | 30 | CP-64QAM    | L | Outer_Full | 27.813 | 29.760 | PASS |
| N48 | 30 | 30 | CP-256QAM   | L | Outer_Full | 27.838 | 29.700 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | M | Outer_Full | 26.809 | 28.620 | PASS |



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|-----|----|----|-------------|---|------------|--------|--------|------|
| N48 | 30 | 30 | DFT-PI2BPSK | M | Outer_Full | 26.736 | 28.620 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | M | Outer_Full | 26.867 | 28.860 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | M | Outer_Full | 26.796 | 28.680 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | M | Outer_Full | 26.844 | 28.620 | PASS |
| N48 | 30 | 30 | CP-QPSK     | M | Outer_Full | 27.867 | 30.060 | PASS |
| N48 | 30 | 30 | CP-16QAM    | M | Outer_Full | 27.882 | 29.820 | PASS |
| N48 | 30 | 30 | CP-64QAM    | M | Outer_Full | 27.816 | 29.700 | PASS |
| N48 | 30 | 30 | CP-256QAM   | M | Outer_Full | 27.876 | 29.820 | PASS |
| N48 | 30 | 30 | DFT-QPSK    | H | Outer_Full | 26.786 | 28.680 | PASS |
| N48 | 30 | 30 | DFT-PI2BPSK | H | Outer_Full | 26.783 | 28.740 | PASS |
| N48 | 30 | 30 | DFT-16QAM   | H | Outer_Full | 26.87  | 28.740 | PASS |
| N48 | 30 | 30 | DFT-64QAM   | H | Outer_Full | 26.808 | 28.740 | PASS |
| N48 | 30 | 30 | DFT-256QAM  | H | Outer_Full | 26.858 | 28.680 | PASS |
| N48 | 30 | 30 | CP-QPSK     | H | Outer_Full | 27.862 | 29.580 | PASS |
| N48 | 30 | 30 | CP-16QAM    | H | Outer_Full | 27.879 | 29.760 | PASS |
| N48 | 30 | 30 | CP-64QAM    | H | Outer_Full | 27.81  | 29.700 | PASS |
| N48 | 30 | 30 | CP-256QAM   | H | Outer_Full | 27.835 | 29.880 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | L | Outer_Full | 35.75  | 38.160 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | L | Outer_Full | 35.753 | 38.000 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | L | Outer_Full | 35.687 | 38.000 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | L | Outer_Full | 35.745 | 38.000 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | L | Outer_Full | 35.716 | 38.160 | PASS |
| N48 | 30 | 40 | CP-QPSK     | L | Outer_Full | 37.846 | 40.240 | PASS |
| N48 | 30 | 40 | CP-16QAM    | L | Outer_Full | 37.852 | 40.240 | PASS |
| N48 | 30 | 40 | CP-64QAM    | L | Outer_Full | 37.839 | 40.240 | PASS |
| N48 | 30 | 40 | CP-256QAM   | L | Outer_Full | 37.849 | 40.320 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | M | Outer_Full | 35.753 | 38.240 | PASS |
| N48 | 30 | 40 | DFT-PI2BPSK | M | Outer_Full | 35.714 | 38.000 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | M | Outer_Full | 35.712 | 38.080 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | M | Outer_Full | 35.754 | 38.080 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | M | Outer_Full | 35.736 | 38.000 | PASS |
| N48 | 30 | 40 | CP-QPSK     | M | Outer_Full | 37.845 | 40.320 | PASS |
| N48 | 30 | 40 | CP-16QAM    | M | Outer_Full | 37.907 | 40.160 | PASS |
| N48 | 30 | 40 | CP-64QAM    | M | Outer_Full | 37.846 | 40.240 | PASS |
| N48 | 30 | 40 | CP-256QAM   | M | Outer_Full | 37.853 | 40.320 | PASS |
| N48 | 30 | 40 | DFT-QPSK    | H | Outer_Full | 35.756 | 38.160 | PASS |



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|     |    |    |             |   |            |        |        |      |
|-----|----|----|-------------|---|------------|--------|--------|------|
| N48 | 30 | 40 | DFT-PI2BPSK | H | Outer_Full | 35.704 | 38.080 | PASS |
| N48 | 30 | 40 | DFT-16QAM   | H | Outer_Full | 35.703 | 38.080 | PASS |
| N48 | 30 | 40 | DFT-64QAM   | H | Outer_Full | 35.774 | 38.160 | PASS |
| N48 | 30 | 40 | DFT-256QAM  | H | Outer_Full | 35.737 | 38.000 | PASS |
| N48 | 30 | 40 | CP-QPSK     | H | Outer_Full | 37.858 | 40.240 | PASS |
| N48 | 30 | 40 | CP-16QAM    | H | Outer_Full | 37.922 | 40.160 | PASS |
| N48 | 30 | 40 | CP-64QAM    | H | Outer_Full | 37.842 | 40.240 | PASS |
| N48 | 30 | 40 | CP-256QAM   | H | Outer_Full | 37.86  | 40.240 | PASS |



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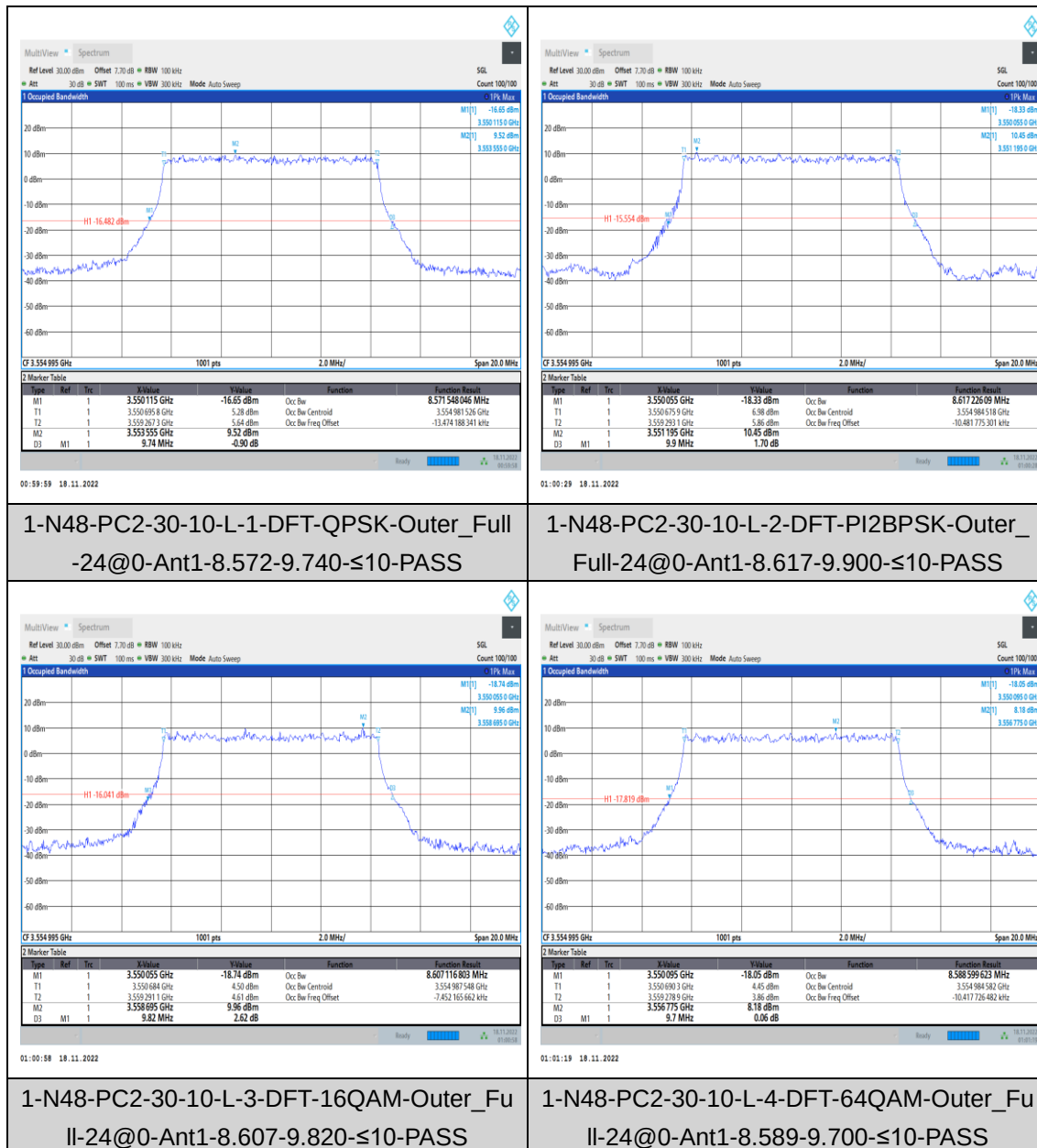
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## Test Graphs

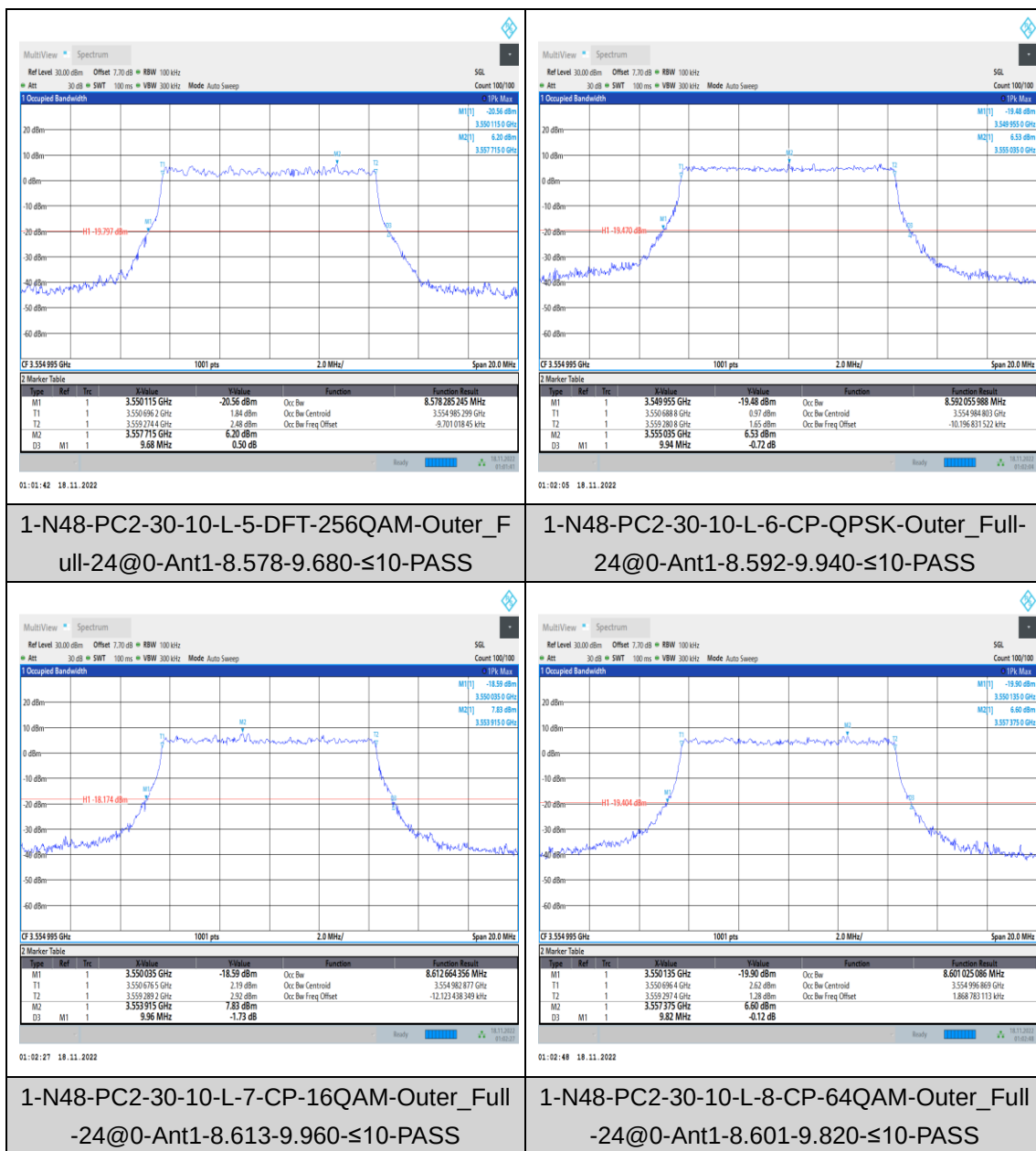


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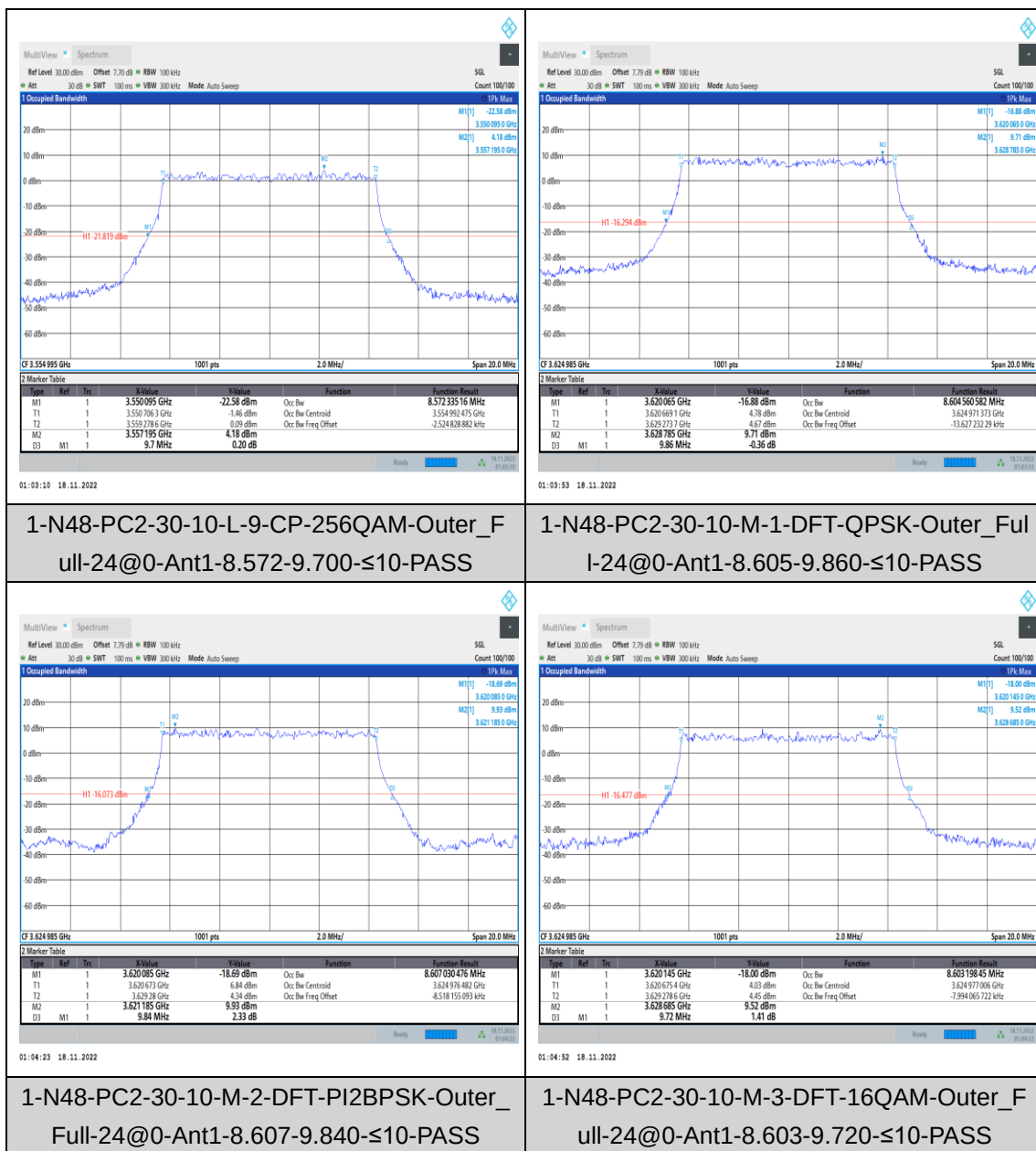


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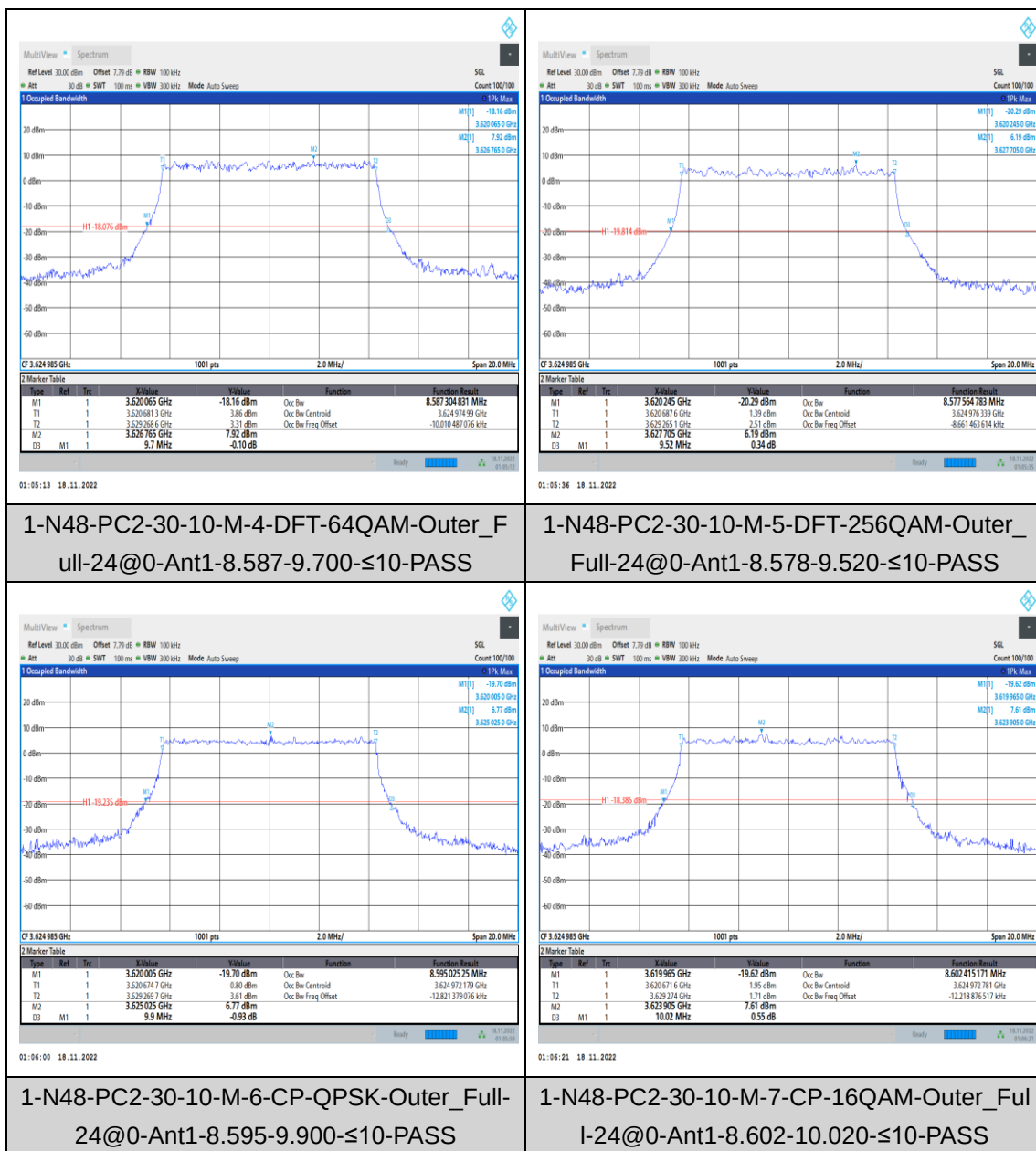
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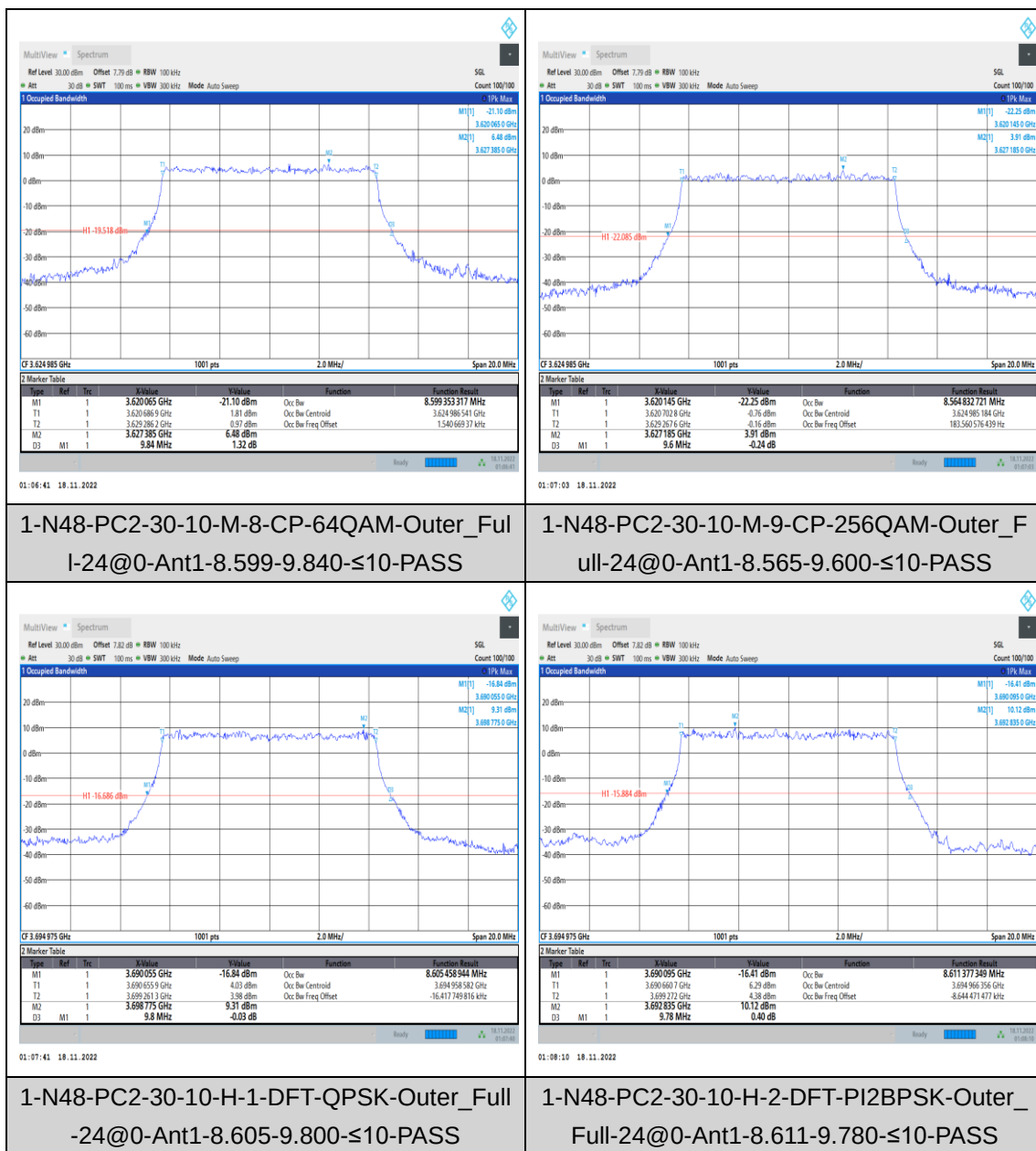


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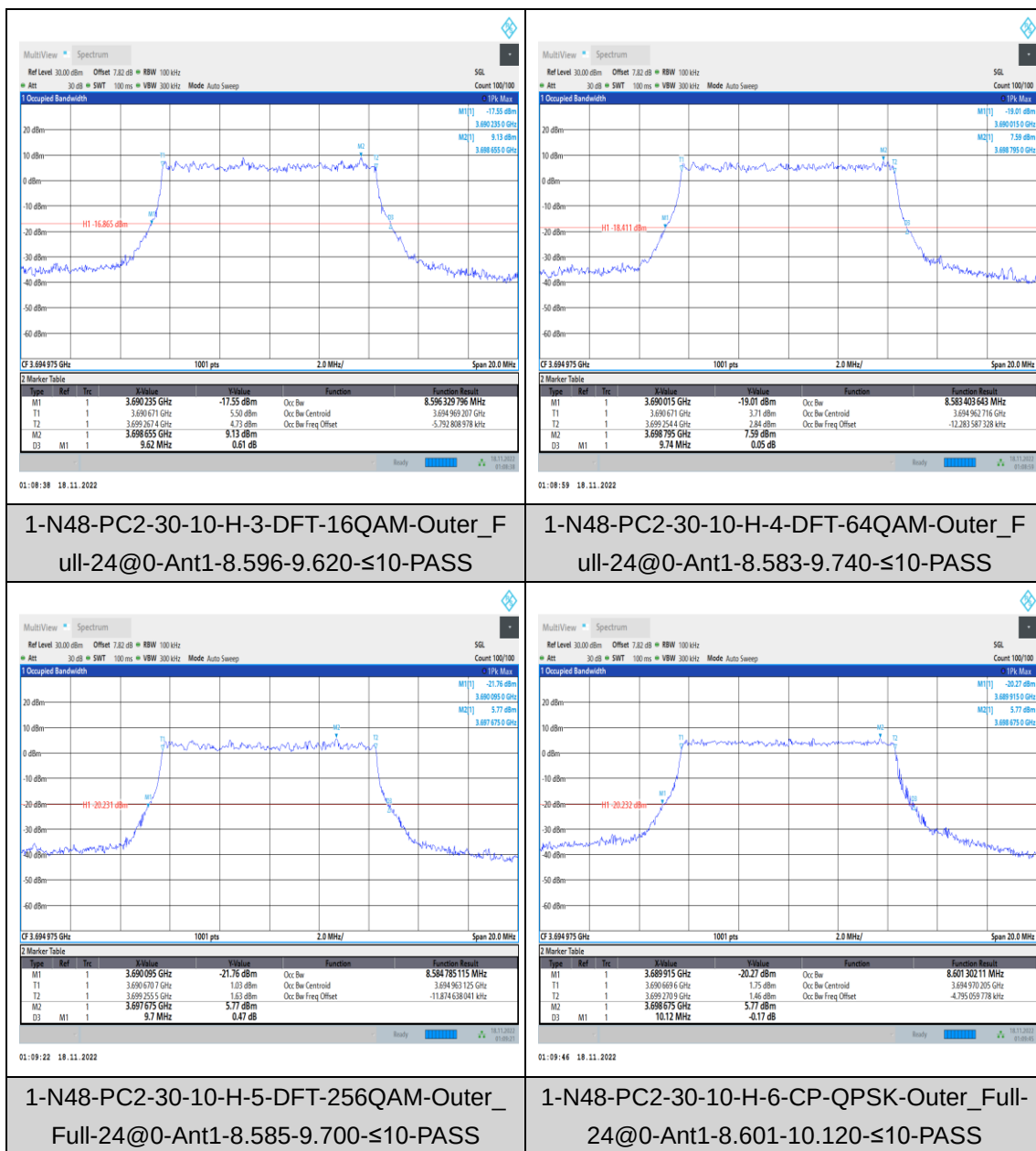


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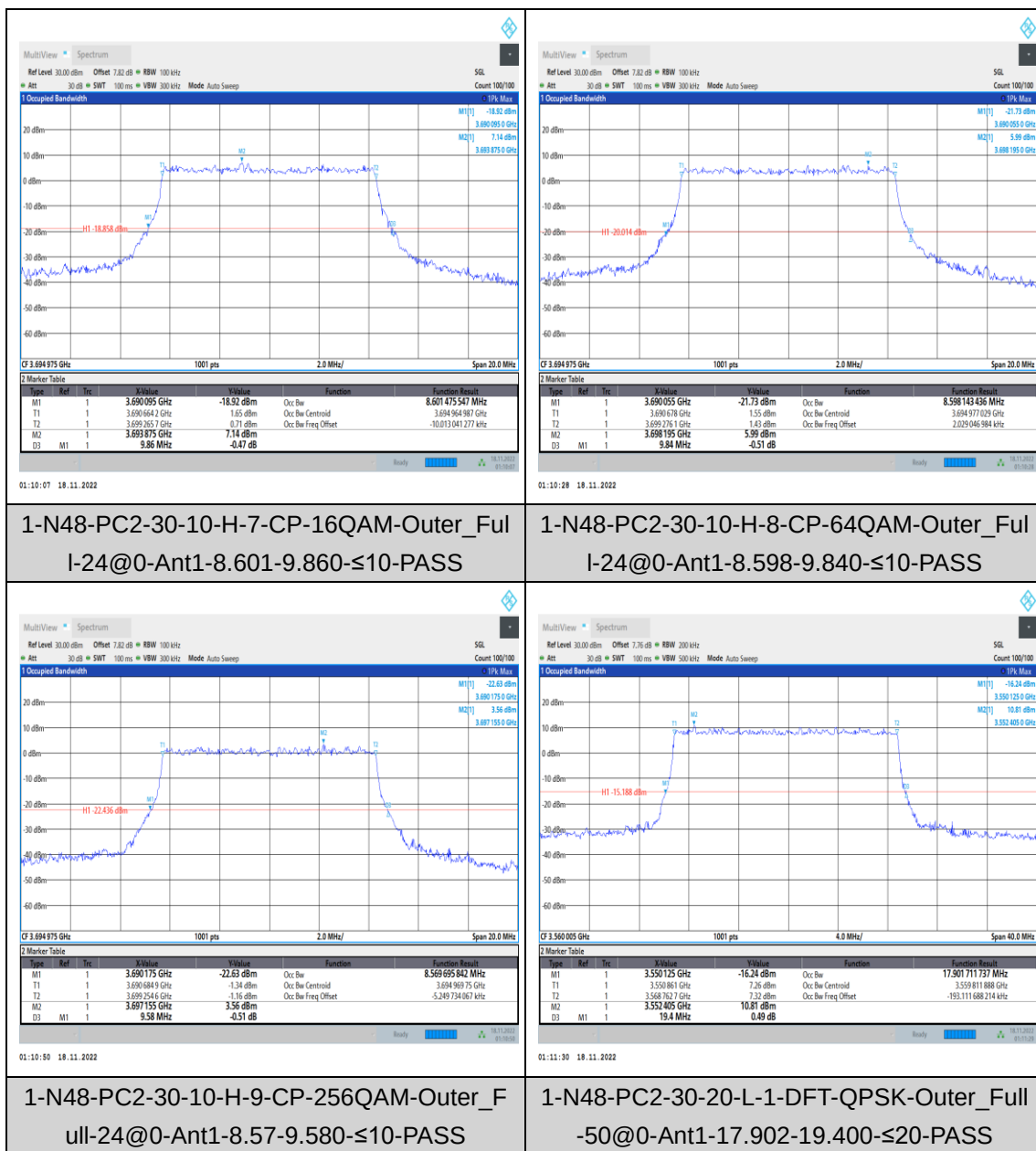


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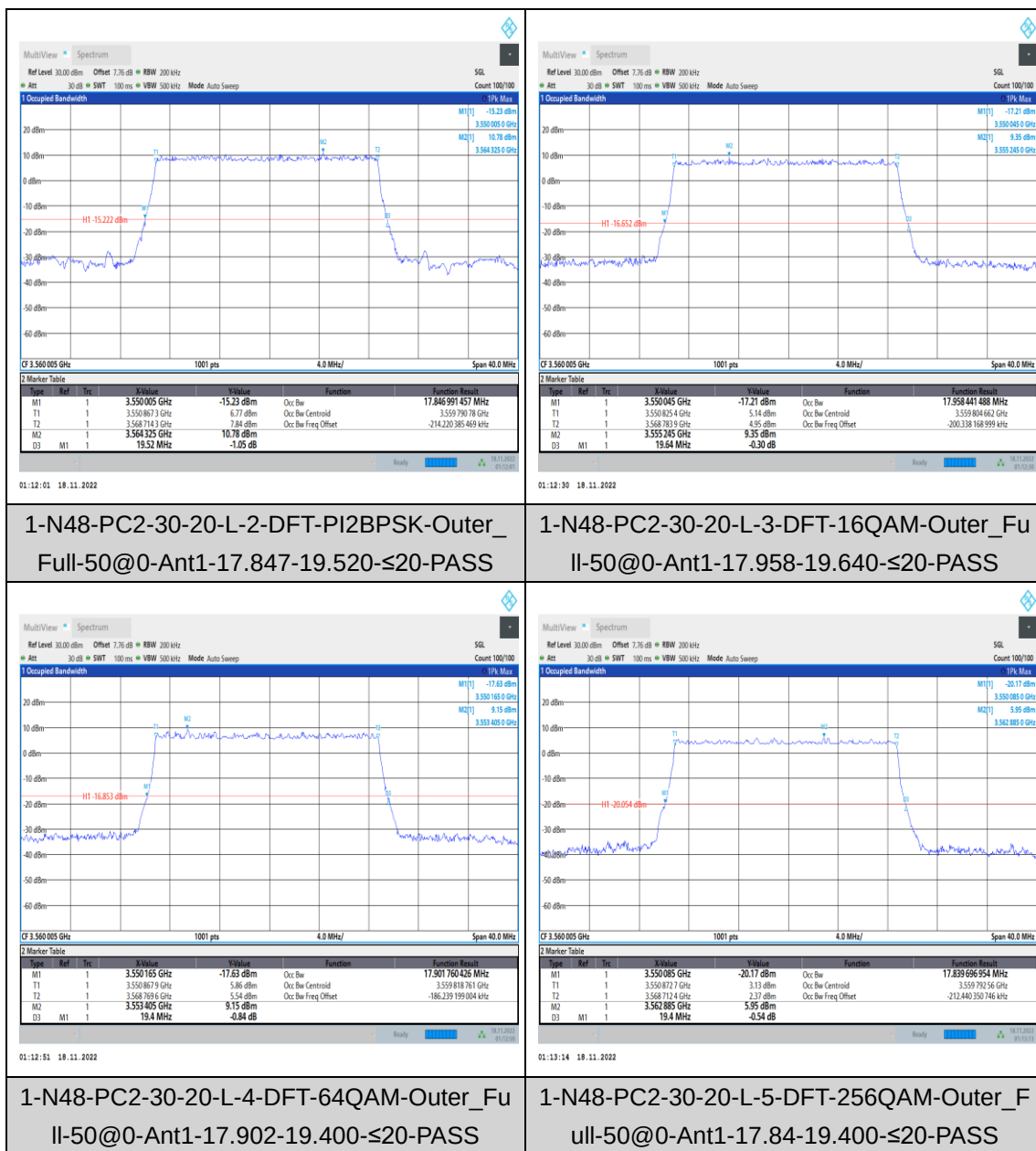
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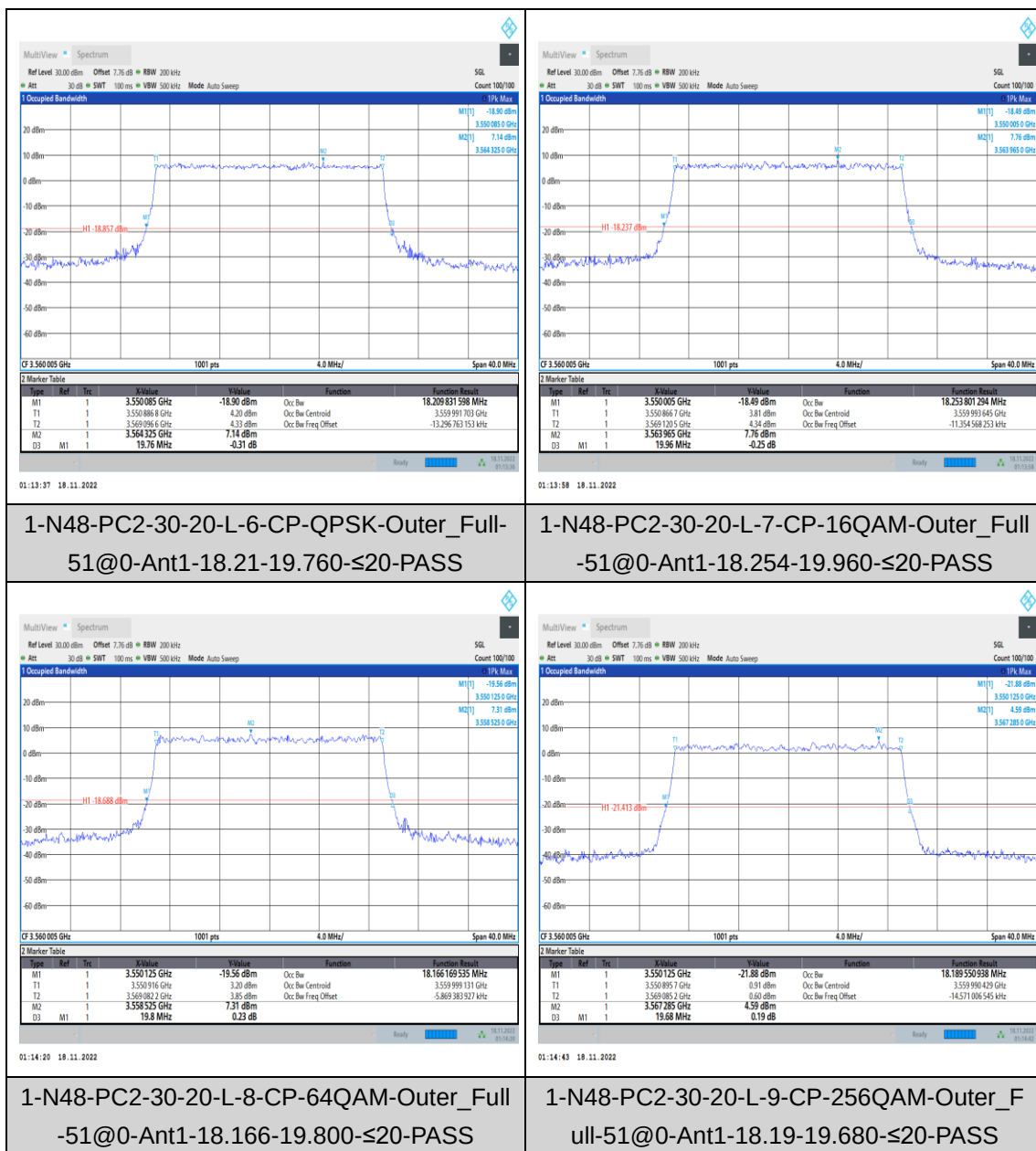


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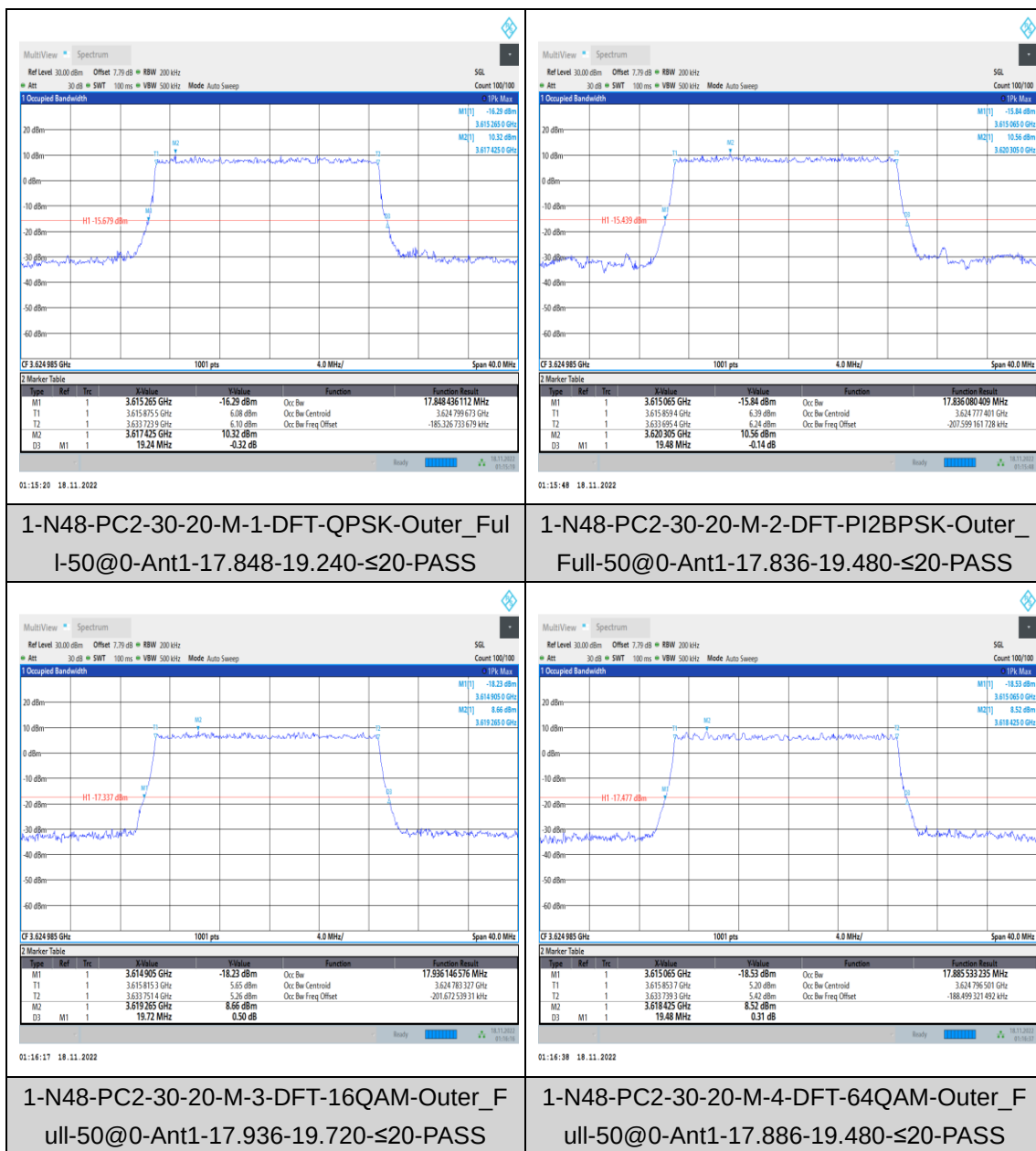


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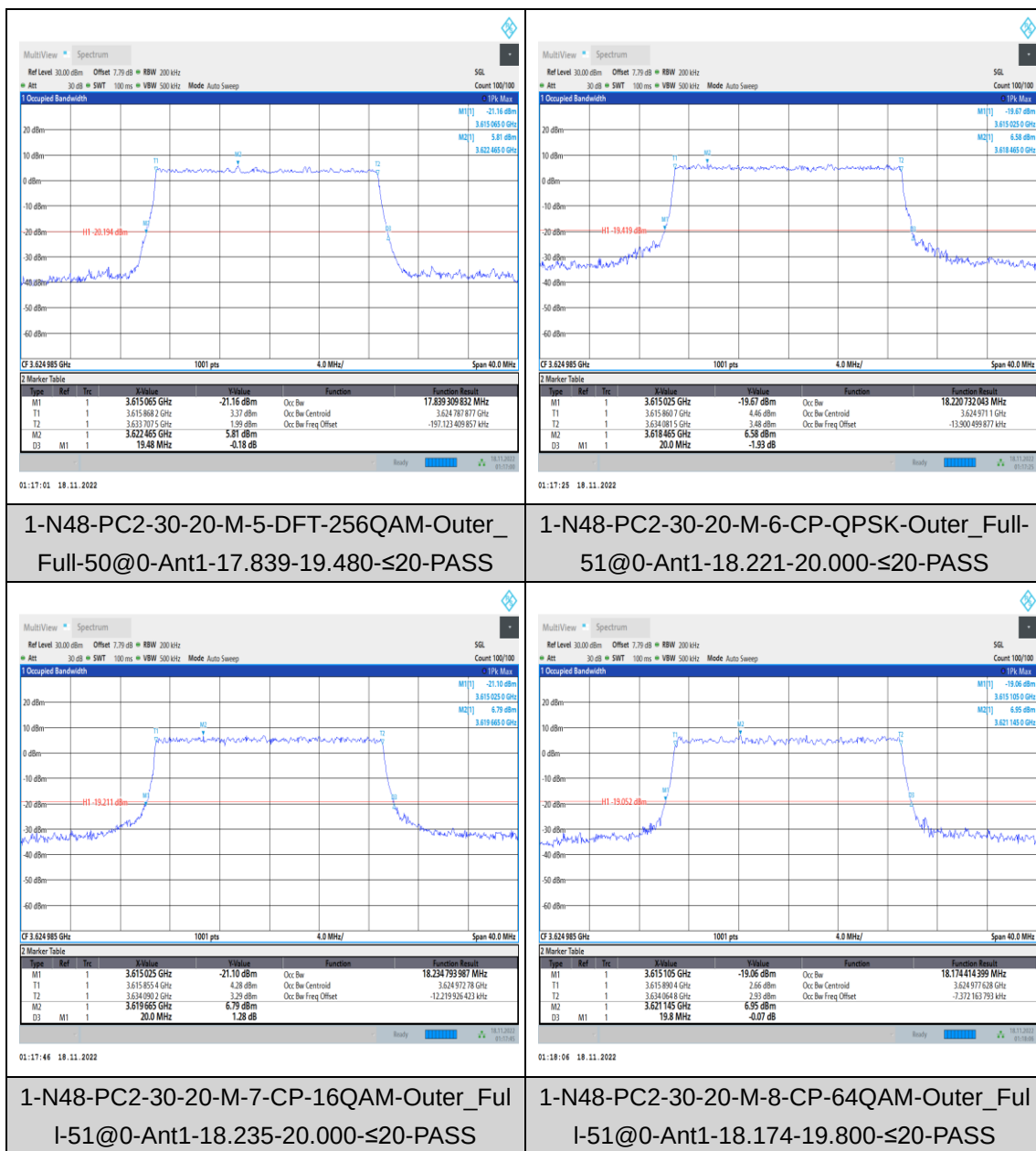


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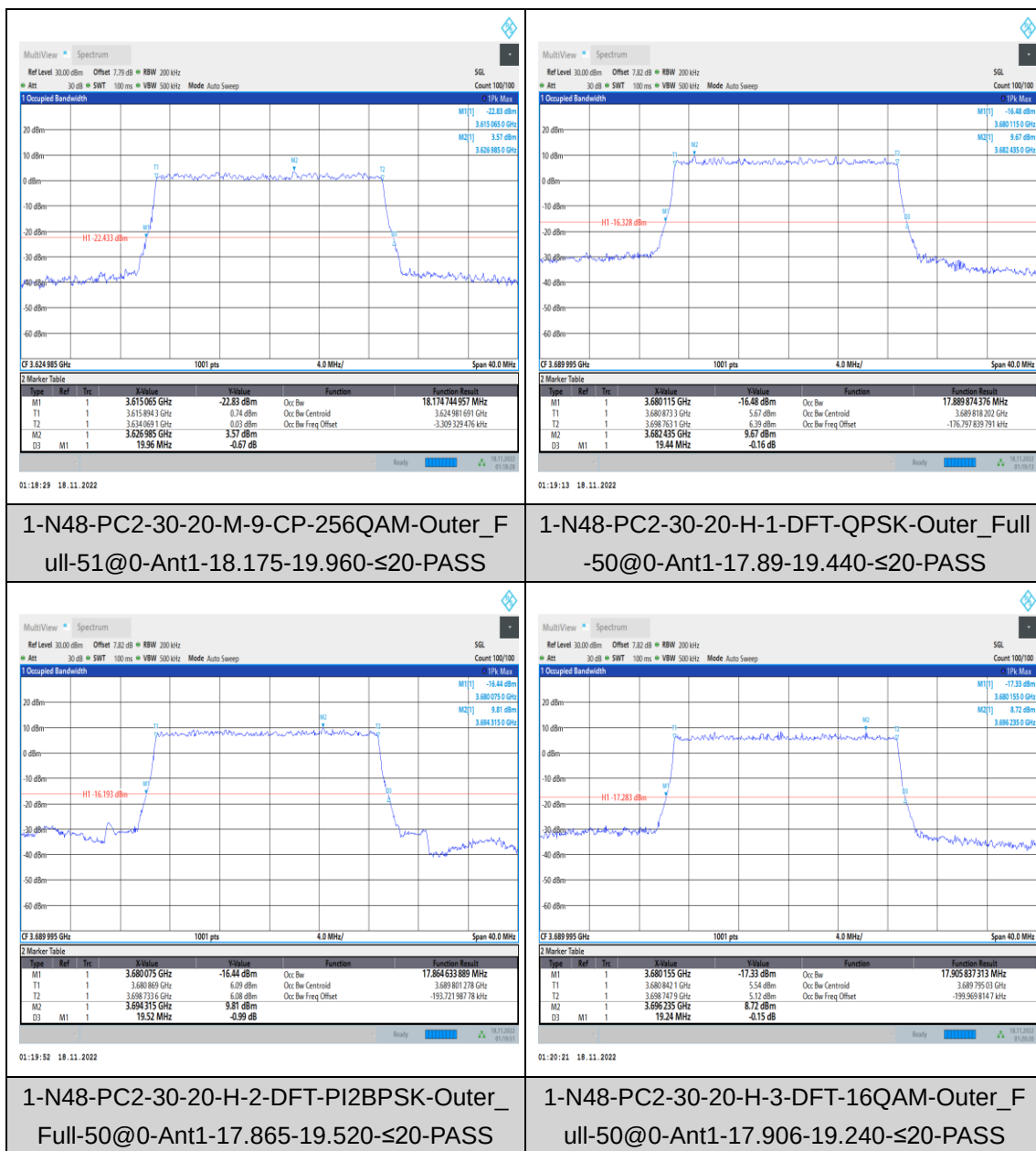
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