# Appendix for N78(3450-3550)

Product Name: 5G Indoor CPE
Model No: TITAN 5000

# Appendix A: Average Power Output Data

## Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Power（dBm） | Power Class | Verdict |
|---|---|---|---|---|---|---|---|---|
| N78-3450-3550 | 30 | 10 | DFT-QPSK | L | Edge_1RB_Left | 21.16 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-QPSK | L | Edge_1RB_Right | 21.14 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-QPSK | L | Outer_Full | 23.76 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-QPSK | L | Inner_Full | 24.69 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-16QAM | L | Edge_1RB_Left | 21.29 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-16QAM | L | Edge_1RB_Right | 21.35 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-16QAM | L | Outer_Full | 22.59 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-16QAM | L | Inner_Full | 23.69 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-64QAM | L | Edge_1RB_Left | 21.96 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-64QAM | L | Edge_1RB_Right | 21.65 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-64QAM | L | Outer_Full | 22.78 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-64QAM | L | Inner_Full | 22.80 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-256QAM | L | Edge_1RB_Left | 20.75 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-256QAM | L | Edge_1RB_Right | 20.53 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-256QAM | L | Outer_Full | 20.75 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-256QAM | L | Inner_Full | 20.74 | PC2 | PASS |
| N78-3450-3550 | 30 | 10 | CP-QPSK | L | Edge_1RB_Left | 21.83 | PC2 | PASS |
| N78-3450 | 30 | 10 | CP-QPSK | L | Edge_1RB_Right | 21.50 | PC2 | PASS |

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|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 10 | CP-QPSK | L | Outer_Full | 22.31 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-QPSK | L | Inner_Full | 23.68 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-16QAM | L | Edge_1RB_Left | 21.86 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-16QAM | L | Edge_1RB_Right | 21.65 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-16QAM | L | Outer_Full | 22.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-16QAM | L | Inner_Full | 23.28 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-64QAM | L | Edge_1RB_Left | 22.07 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-64QAM | L | Edge_1RB_Right | 21.80 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-64QAM | L | Outer_Full | 21.79 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-64QAM | L | Inner_Full | 21.82 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-256QAM | L | Edge_1RB_Left | 19.11 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-256QAM | L | Edge_1RB_Right | 18.79 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-256QAM | L | Outer_Full | 18.75 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | CP-256QAM | L | Inner_Full | 18.83 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | L | Outer_Full | 24.09 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | L | Inner_Full | 25.19 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | M | Outer_Full | 24.41 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | M | Inner_Full | 25.37 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | M | Edge_1RB_Left | 21.67 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | M | Edge_1RB_Right | 22.03 | PC2 | PASS |
| N78-3450 | 30 | 10 | DFT-16QAM | M | Outer_Full | 23.35 | PC2 | PASS |

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|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | M | Inner_Full | 24.40 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | M | Edge_1RB_Left | 21.99 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | M | Edge_1RB_Right | 22.36 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | H | Outer_Full | 24.62 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | H | Inner_Full | 25.65 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | H | Edge_1RB_Left | 22.02 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | H | Edge_1RB_Right | 22.05 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | H | Outer_Full | 23.35 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | H | Inner_Full | 24.67 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | H | Edge_1RB_Left | 22.31 | PC2 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | H | Edge_1RB_Right | 22.26 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | L | Outer_Full | 24.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | L | Inner_Full | 25.14 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | L | Edge_1RB_Left | 21.53 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | L | Edge_1RB_Right | 21.80 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | L | Outer_Full | 23.10 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | L | Inner_Full | 24.07 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | L | Edge_1RB_Left | 21.85 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | L | Edge_1RB_Right | 22.05 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | M | Outer_Full | 24.40 | PC2 | PASS |
| N78-3450 | 30 | 15 | DFT-QPSK | M | Inner_Full | 25.35 | PC2 | PASS |

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|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | M | Edge_1RB_Left | 21.63 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | M | Edge_1RB_Right | 22.03 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | M | Outer_Full | 23.37 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | M | Inner_Full | 24.27 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | M | Edge_1RB_Left | 22.03 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | M | Edge_1RB_Right | 22.42 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | H | Outer_Full | 24.64 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | H | Inner_Full | 25.69 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | H | Edge_1RB_Left | 21.94 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | H | Edge_1RB_Right | 22.04 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | H | Outer_Full | 23.60 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | H | Inner_Full | 24.62 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | H | Edge_1RB_Left | 22.36 | PC2 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | H | Edge_1RB_Right | 22.44 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | L | Outer_Full | 24.22 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | L | Inner_Full | 25.13 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | L | Edge_1RB_Left | 21.54 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | L | Edge_1RB_Right | 21.99 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | L | Outer_Full | 23.25 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | L | Inner_Full | 24.21 | PC2 | PASS |
| N78-3450 | 30 | 20 | DFT-16QAM | L | Edge_1RB_Left | 21.77 | PC2 | PASS |

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| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | L | Edge_1RB_Right | 22.20 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | M | Outer_Full | 24.31 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | M | Inner_Full | 25.36 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | M | Edge_1RB_Left | 21.66 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | M | Edge_1RB_Right | 22.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | M | Outer_Full | 23.31 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | M | Inner_Full | 24.34 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | M | Edge_1RB_Left | 22.04 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | M | Edge_1RB_Right | 22.48 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | H | Outer_Full | 24.62 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | H | Inner_Full | 25.60 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | H | Edge_1RB_Left | 21.85 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | H | Edge_1RB_Right | 22.10 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | H | Outer_Full | 23.63 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | H | Inner_Full | 24.58 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | H | Edge_1RB_Left | 22.20 | PC2 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | H | Edge_1RB_Right | 22.43 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | L | Outer_Full | 24.48 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | L | Inner_Full | 25.42 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | L | Edge_1RB_Left | 21.67 | PC2 | PASS |
| N78-3450 | 30 | 30 | DFT-QPSK | L | Edge_1RB_Right | 21.97 | PC2 | PASS |

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|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | L | Outer_Full | 23.50 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | L | Inner_Full | 24.42 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | L | Edge_1RB_Left | 21.98 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | L | Edge_1RB_Right | 22.28 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | M | Outer_Full | 24.52 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | M | Inner_Full | 25.37 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | M | Edge_1RB_Left | 21.83 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | M | Edge_1RB_Right | 22.03 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | M | Outer_Full | 23.54 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | M | Inner_Full | 24.41 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | M | Edge_1RB_Left | 22.18 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | M | Edge_1RB_Right | 22.48 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | H | Outer_Full | 24.46 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | H | Inner_Full | 25.43 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | H | Edge_1RB_Left | 21.87 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | H | Edge_1RB_Right | 22.10 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | H | Outer_Full | 23.46 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | H | Inner_Full | 24.44 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | H | Edge_1RB_Left | 22.18 | PC2 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | H | Edge_1RB_Right | 22.46 | PC2 | PASS |
| N78-3450 | 30 | 40 | DFT-QPSK | L | Outer_Full | 24.42 | PC2 | PASS |

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|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | L | Inner_Full | 25.59 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | L | Edge_1RB_Left | 21.75 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | L | Edge_1RB_Right | 21.71 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | L | Outer_Full | 23.45 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | L | Inner_Full | 24.53 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | L | Edge_1RB_Left | 22.07 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | L | Edge_1RB_Right | 22.13 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | M | Outer_Full | 24.47 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | M | Inner_Full | 25.45 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | M | Edge_1RB_Left | 22.12 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | M | Edge_1RB_Right | 21.93 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | M | Outer_Full | 23.55 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | M | Inner_Full | 24.45 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | M | Edge_1RB_Left | 22.46 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | M | Edge_1RB_Right | 22.24 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | H | Outer_Full | 24.47 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | H | Inner_Full | 25.42 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | H | Edge_1RB_Left | 22.11 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | H | Edge_1RB_Right | 22.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | H | Outer_Full | 23.58 | PC2 | PASS |
| N78-3450 | 30 | 40 | DFT-16QAM | H | Inner_Full | 24.40 | PC2 | PASS |

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|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | H | Edge_1RB_Left | 22.39 | PC2 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | H | Edge_1RB_Right | 22.45 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | L | Outer_Full | 24.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | L | Inner_Full | 25.37 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | L | Edge_1RB_Left | 21.41 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | L | Edge_1RB_Right | 21.45 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | L | Outer_Full | 23.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | L | Inner_Full | 24.31 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | L | Edge_1RB_Left | 21.71 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | L | Edge_1RB_Right | 21.81 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | M | Outer_Full | 24.28 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | M | Inner_Full | 25.19 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | M | Edge_1RB_Left | 21.98 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | M | Edge_1RB_Right | 21.55 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | M | Outer_Full | 23.23 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | M | Inner_Full | 24.19 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | M | Edge_1RB_Left | 22.30 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | M | Edge_1RB_Right | 21.88 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | H | Outer_Full | 24.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | H | Inner_Full | 25.17 | PC2 | PASS |
| N78-3450 | 30 | 50 | DFT-QPSK | H | Edge_1RB_Left | 21.54 | PC2 | PASS |

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|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | H | Edge_1RB_Right | 21.82 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | H | Outer_Full | 23.27 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | H | Inner_Full | 24.22 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | H | Edge_1RB_Left | 21.92 | PC2 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | H | Edge_1RB_Right | 22.13 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | L | Outer_Full | 24.18 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | L | Inner_Full | 25.28 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | L | Edge_1RB_Left | 21.41 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | L | Edge_1RB_Right | 21.76 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | L | Outer_Full | 23.23 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | L | Inner_Full | 24.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | L | Edge_1RB_Left | 21.65 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | L | Edge_1RB_Right | 22.08 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | M | Outer_Full | 24.25 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | M | Inner_Full | 25.19 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | M | Edge_1RB_Left | 21.98 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | M | Edge_1RB_Right | 21.52 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | M | Outer_Full | 23.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | M | Inner_Full | 24.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | M | Edge_1RB_Left | 22.24 | PC2 | PASS |
| N78-3450 | 30 | 60 | DFT-16QAM | M | Edge_1RB_Right | 21.79 | PC2 | PASS |

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| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | H | Outer_Full | 24.26 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | H | Inner_Full | 25.30 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | H | Edge_1RB_Left | 21.56 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | H | Edge_1RB_Right | 21.77 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | H | Outer_Full | 23.22 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | H | Inner_Full | 24.28 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | H | Edge_1RB_Left | 21.82 | PC2 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | H | Edge_1RB_Right | 22.08 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | L | Edge_1RB_Left | 21.31 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | L | Edge_1RB_Right | 21.41 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | L | Outer_Full | 23.12 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | L | Inner_Full | 24.11 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | L | Edge_1RB_Left | 21.73 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | L | Edge_1RB_Right | 21.75 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | M | Outer_Full | 24.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | M | Inner_Full | 25.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | M | Edge_1RB_Left | 21.72 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | M | Edge_1RB_Right | 21.60 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | M | Outer_Full | 23.08 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | M | Inner_Full | 24.11 | PC2 | PASS |
| N78-3450 | 30 | 70 | DFT-16QAM | M | Edge_1RB_Left | 22.07 | PC2 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | M | Edge_1RB_Right | 21.95 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | H | Outer_Full | 24.19 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | H | Inner_Full | 25.23 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | H | Edge_1RB_Left | 21.76 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | H | Edge_1RB_Right | 21.71 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | H | Outer_Full | 23.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | H | Inner_Full | 24.18 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | H | Edge_1RB_Left | 22.10 | PC2 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | H | Edge_1RB_Right | 22.02 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | L | Outer_Full | 24.13 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | L | Inner_Full | 25.13 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | L | Edge_1RB_Left | 21.27 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | L | Edge_1RB_Right | 21.31 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | L | Outer_Full | 23.15 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | L | Inner_Full | 24.14 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | L | Edge_1RB_Left | 21.59 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | L | Edge_1RB_Right | 21.62 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | M | Outer_Full | 24.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | M | Inner_Full | 25.15 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | M | Edge_1RB_Left | 21.47 | PC2 | PASS |
| N78-3450 | 30 | 80 | DFT-QPSK | M | Edge_1RB_Right | 21.67 | PC2 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | M | Outer_Full | 23.19 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | M | Inner_Full | 24.11 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | M | Edge_1RB_Left | 21.70 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | M | Edge_1RB_Right | 21.99 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | H | Outer_Full | 24.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | H | Inner_Full | 25.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | H | Edge_1RB_Left | 21.91 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | H | Edge_1RB_Right | 21.74 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | H | Outer_Full | 23.23 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | H | Inner_Full | 24.18 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | H | Edge_1RB_Left | 22.22 | PC2 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | H | Edge_1RB_Right | 22.01 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | L | Outer_Full | 24.04 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | L | Inner_Full | 25.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | L | Edge_1RB_Left | 21.27 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | L | Edge_1RB_Right | 21.71 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | L | Outer_Full | 23.15 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | L | Inner_Full | 24.09 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | L | Edge_1RB_Left | 21.41 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | L | Edge_1RB_Right | 21.97 | PC2 | PASS |
| N78-3450 | 30 | 90 | DFT-QPSK | M | Outer_Full | 24.14 | PC2 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | M | Inner_Full | 25.14 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | M | Edge_1RB_Left | 21.26 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | M | Edge_1RB_Right | 21.81 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | M | Outer_Full | 23.17 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | M | Inner_Full | 24.23 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | M | Edge_1RB_Left | 21.63 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | M | Edge_1RB_Right | 22.11 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | H | Outer_Full | 24.19 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | H | Inner_Full | 25.25 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | H | Edge_1RB_Left | 21.45 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | H | Edge_1RB_Right | 21.84 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | H | Outer_Full | 23.27 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | H | Inner_Full | 24.07 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | H | Edge_1RB_Left | 21.83 | PC2 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | H | Edge_1RB_Right | 22.20 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | L | Outer_Full | 24.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | L | Inner_Full | 25.21 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | L | Edge_1RB_Left | 21.15 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | L | Edge_1RB_Right | 21.66 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | L | Outer_Full | 23.14 | PC2 | PASS |
| N78-3450 | 30 | 100 | DFT-16QAM | L | Inner_Full | 24.14 | PC2 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | L | Edge_1RB_Left | 21.45 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | L | Edge_1RB_Right | 22.05 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | M | Outer_Full | 24.14 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | M | Inner_Full | 25.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | M | Edge_1RB_Left | 21.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | M | Edge_1RB_Right | 21.62 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | M | Outer_Full | 23.15 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | M | Inner_Full | 24.12 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | M | Edge_1RB_Left | 21.54 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | M | Edge_1RB_Right | 22.03 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | H | Outer_Full | 24.12 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | H | Inner_Full | 25.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | H | Edge_1RB_Left | 21.33 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | H | Edge_1RB_Right | 21.67 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | H | Outer_Full | 23.15 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | H | Inner_Full | 24.16 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | H | Edge_1RB_Left | 21.52 | PC2 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | H | Edge_1RB_Right | 22.03 | PC2 | PASS |

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

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result | Limit | Verdict |
|---|---|---|---|---|---|---|---|---|
| N78-3450-3550 | 30 | 10 | DFT-QPSK | L | Outer_Full | 5.73 | ≤13 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-16QAM | L | Outer_Full | 6.61 | ≤13 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-QPSK | M | Outer_Full | 5.97 | ≤13 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-16QAM | M | Outer_Full | 5.91 | ≤13 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-QPSK | H | Outer_Full | 5.95 | ≤13 | PASS |
| N78-3450-3550 | 30 | 10 | DFT-16QAM | H | Outer_Full | 6.93 | ≤13 | PASS |
| N78-3450-3550 | 30 | 15 | DFT-QPSK | L | Outer_Full | 5.50 | ≤13 | PASS |
| N78-3450-3550 | 30 | 15 | DFT-16QAM | L | Outer_Full | 6.47 | ≤13 | PASS |
| N78-3450-3550 | 30 | 15 | DFT-QPSK | M | Outer_Full | 5.94 | ≤13 | PASS |
| N78-3450-3550 | 30 | 15 | DFT-16QAM | M | Outer_Full | 6.69 | ≤13 | PASS |
| N78-3450-3550 | 30 | 15 | DFT-QPSK | H | Outer_Full | 5.84 | ≤13 | PASS |
| N78-3450-3550 | 30 | 15 | DFT-16QAM | H | Outer_Full | 6.85 | ≤13 | PASS |
| N78-3450-3550 | 30 | 20 | DFT-QPSK | L | Outer_Full | 5.60 | ≤13 | PASS |
| N78-3450-3550 | 30 | 20 | DFT-16QAM | L | Outer_Full | 6.41 | ≤13 | PASS |
| N78-3450-3550 | 30 | 20 | DFT-QPSK | M | Outer_Full | 5.89 | ≤13 | PASS |
| N78-3450-3550 | 30 | 20 | DFT-16QAM | M | Outer_Full | 6.71 | ≤13 | PASS |
| N78-3450- | 30 | 20 | DFT-QPSK | H | Outer_Full | 5.85 | ≤13 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3550 | | | | | | | | |
| N78-3450-3550 | 30 | 20 | DFT-16QAM | H | Outer_Full | 6.71 | ≤13 | PASS |
| N78-3450-3550 | 30 | 30 | DFT-QPSK | L | Outer_Full | 5.50 | ≤13 | PASS |
| N78-3450-3550 | 30 | 30 | DFT-16QAM | L | Outer_Full | 6.43 | ≤13 | PASS |
| N78-3450-3550 | 30 | 30 | DFT-QPSK | M | Outer_Full | 4.98 | ≤13 | PASS |
| N78-3450-3550 | 30 | 30 | DFT-16QAM | M | Outer_Full | 6.85 | ≤13 | PASS |
| N78-3450-3550 | 30 | 30 | DFT-QPSK | H | Outer_Full | 5.95 | ≤13 | PASS |
| N78-3450-3550 | 30 | 30 | DFT-16QAM | H | Outer_Full | 6.82 | ≤13 | PASS |
| N78-3450-3550 | 30 | 40 | DFT-QPSK | L | Outer_Full | 5.64 | ≤13 | PASS |
| N78-3450-3550 | 30 | 40 | DFT-16QAM | L | Outer_Full | 6.22 | ≤13 | PASS |
| N78-3450-3550 | 30 | 40 | DFT-QPSK | M | Outer_Full | 5.24 | ≤13 | PASS |
| N78-3450-3550 | 30 | 40 | DFT-16QAM | M | Outer_Full | 6.77 | ≤13 | PASS |
| N78-3450-3550 | 30 | 40 | DFT-QPSK | H | Outer_Full | 5.13 | ≤13 | PASS |
| N78-3450-3550 | 30 | 40 | DFT-16QAM | H | Outer_Full | 6.74 | ≤13 | PASS |
| N78-3450-3550 | 30 | 50 | DFT-QPSK | L | Outer_Full | 5.74 | ≤13 | PASS |
| N78-3450-3550 | 30 | 50 | DFT-16QAM | L | Outer_Full | 6.32 | ≤13 | PASS |
| N78-3450-3550 | 30 | 50 | DFT-QPSK | M | Outer_Full | 5.49 | ≤13 | PASS |
| N78-3450-3550 | 30 | 50 | DFT-16QAM | M | Outer_Full | 6.27 | ≤13 | PASS |
| N78-3450-3550 | 30 | 50 | DFT-QPSK | H | Outer_Full | 5.45 | ≤13 | PASS |
| N78-3450-3550 | 30 | 50 | DFT-16QAM | H | Outer_Full | 6.11 | ≤13 | PASS |
| N78-3450-3550 | 30 | 60 | DFT-QPSK | L | Outer_Full | 5.98 | ≤13 | PASS |
| N78-3450- | 30 | 60 | DFT-16QAM | L | Outer_Full | 6.60 | ≤13 | PASS |

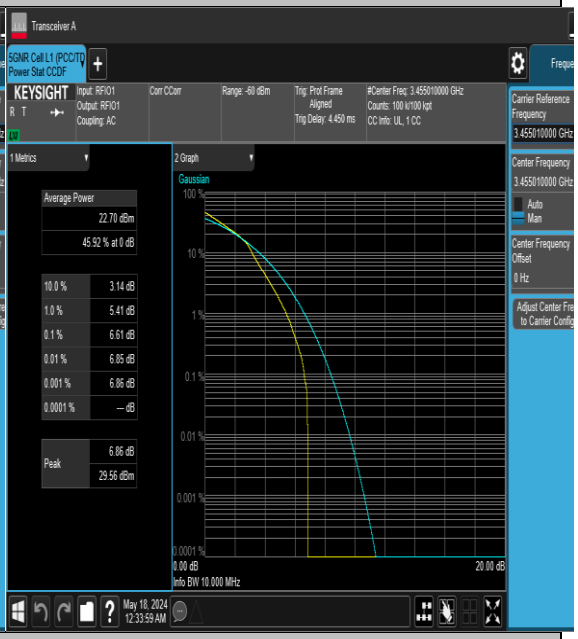
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3550 | | | | | | | | |
| N78-3450-3550 | 30 | 60 | DFT-QPSK | M | Outer_Full | 5.85 | ≤13 | PASS |
| N78-3450-3550 | 30 | 60 | DFT-16QAM | M | Outer_Full | 6.50 | ≤13 | PASS |
| N78-3450-3550 | 30 | 60 | DFT-QPSK | H | Outer_Full | 5.74 | ≤13 | PASS |
| N78-3450-3550 | 30 | 60 | DFT-16QAM | H | Outer_Full | 6.37 | ≤13 | PASS |
| N78-3450-3550 | 30 | 70 | DFT-QPSK | L | Outer_Full | 6.03 | ≤13 | PASS |
| N78-3450-3550 | 30 | 70 | DFT-16QAM | L | Outer_Full | 6.74 | ≤13 | PASS |
| N78-3450-3550 | 30 | 70 | DFT-QPSK | M | Outer_Full | 5.97 | ≤13 | PASS |
| N78-3450-3550 | 30 | 70 | DFT-16QAM | M | Outer_Full | 6.67 | ≤13 | PASS |
| N78-3450-3550 | 30 | 70 | DFT-QPSK | H | Outer_Full | 5.94 | ≤13 | PASS |
| N78-3450-3550 | 30 | 70 | DFT-16QAM | H | Outer_Full | 6.52 | ≤13 | PASS |
| N78-3450-3550 | 30 | 80 | DFT-QPSK | L | Outer_Full | 6.00 | ≤13 | PASS |
| N78-3450-3550 | 30 | 80 | DFT-16QAM | L | Outer_Full | 6.64 | ≤13 | PASS |
| N78-3450-3550 | 30 | 80 | DFT-QPSK | M | Outer_Full | 5.99 | ≤13 | PASS |
| N78-3450-3550 | 30 | 80 | DFT-16QAM | M | Outer_Full | 6.64 | ≤13 | PASS |
| N78-3450-3550 | 30 | 80 | DFT-QPSK | H | Outer_Full | 6.11 | ≤13 | PASS |
| N78-3450-3550 | 30 | 80 | DFT-16QAM | H | Outer_Full | 6.67 | ≤13 | PASS |
| N78-3450-3550 | 30 | 90 | DFT-QPSK | L | Outer_Full | 6.07 | ≤13 | PASS |
| N78-3450-3550 | 30 | 90 | DFT-16QAM | L | Outer_Full | 6.65 | ≤13 | PASS |
| N78-3450-3550 | 30 | 90 | DFT-QPSK | M | Outer_Full | 6.19 | ≤13 | PASS |
| N78-3450-3550 | 30 | 90 | DFT-16QAM | M | Outer_Full | 6.63 | ≤13 | PASS |
| N78-3450- | 30 | 90 | DFT-QPSK | H | Outer_Full | 6.09 | ≤13 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 3550 | | | | | | | | |
| N78-3450-3550 | 30 | 90 | DFT-16QAM | H | Outer_Full | 6.63 | ≤13 | PASS |
| N78-3450-3550 | 30 | 100 | DFT-QPSK | L | Outer_Full | 6.10 | ≤13 | PASS |
| N78-3450-3550 | 30 | 100 | DFT-16QAM | L | Outer_Full | 6.71 | ≤13 | PASS |
| N78-3450-3550 | 30 | 100 | DFT-QPSK | M | Outer_Full | 6.03 | ≤13 | PASS |
| N78-3450-3550 | 30 | 100 | DFT-16QAM | M | Outer_Full | 6.68 | ≤13 | PASS |
| N78-3450-3550 | 30 | 100 | DFT-QPSK | H | Outer_Full | 6.07 | ≤13 | PASS |
| N78-3450-3550 | 30 | 100 | DFT-16QAM | H | Outer_Full | 6.72 | ≤13 | PASS |

## Test Graphs

NTNV_N78-3450-3550_PC2_30_10_L_TID6_#1

NTNV_N78-3450-3550_PC2_30_10_L_TID7_#1

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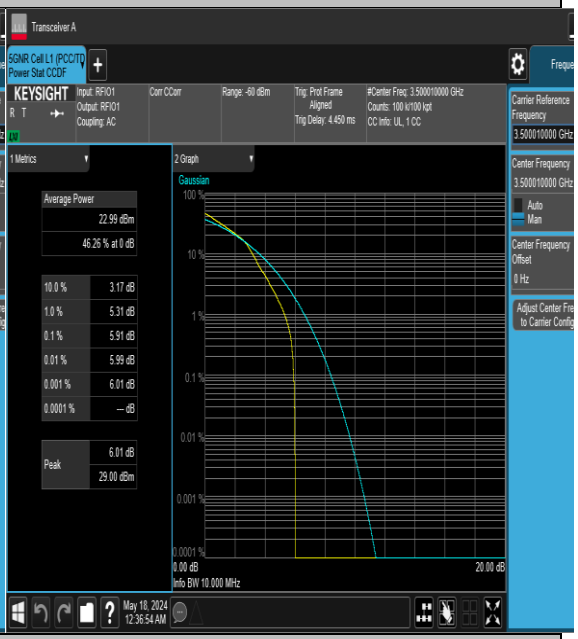


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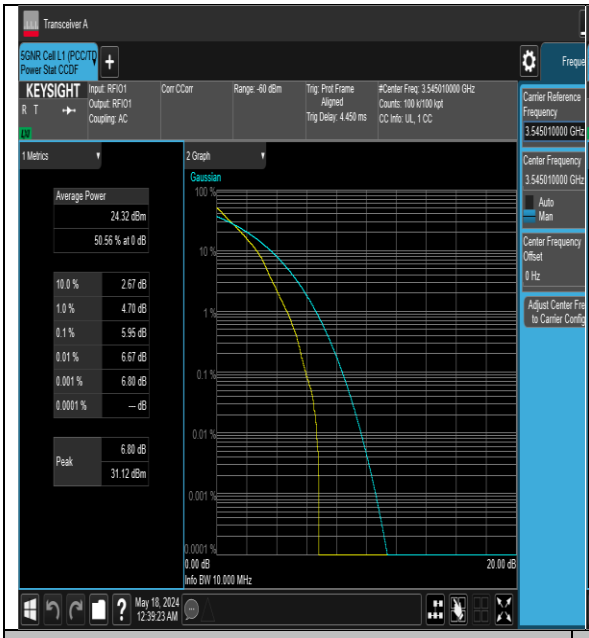


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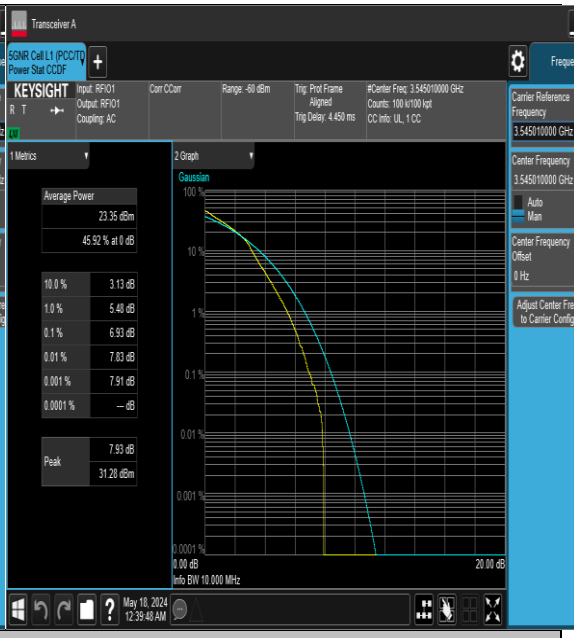


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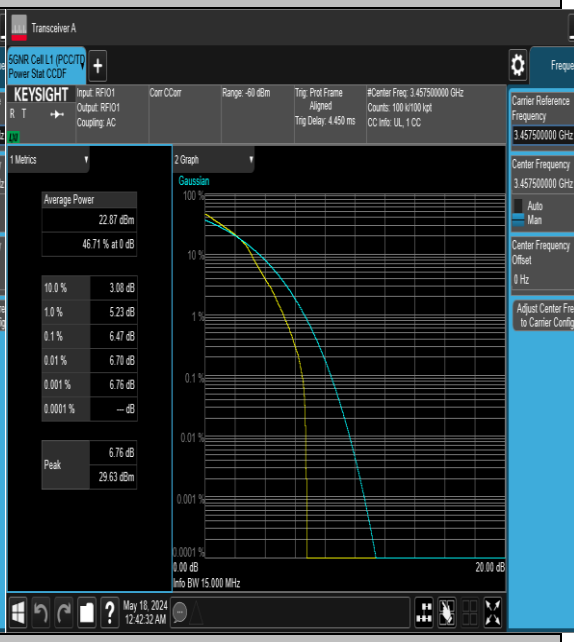


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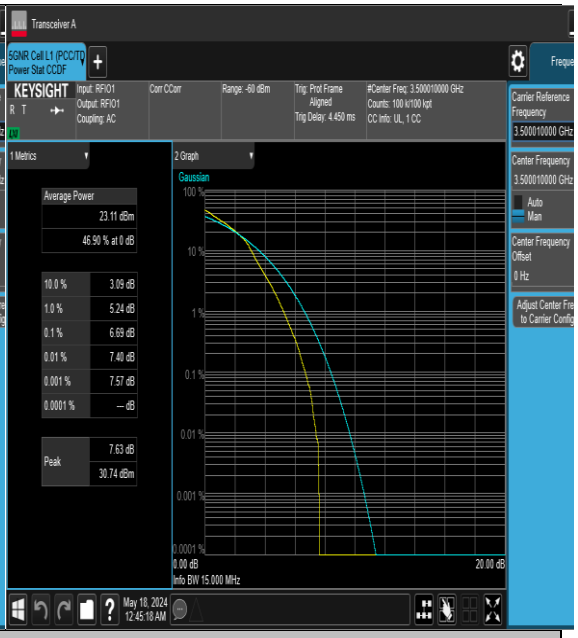


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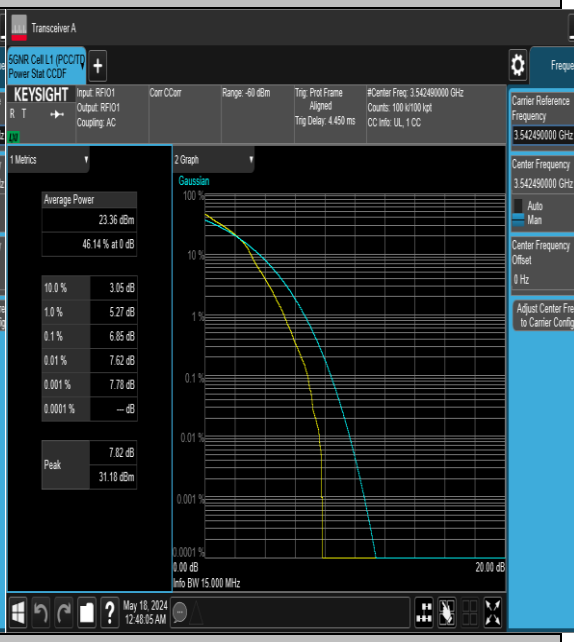


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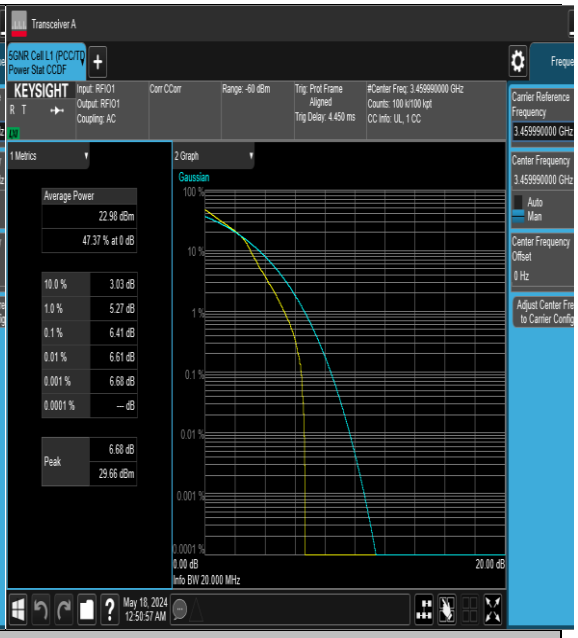


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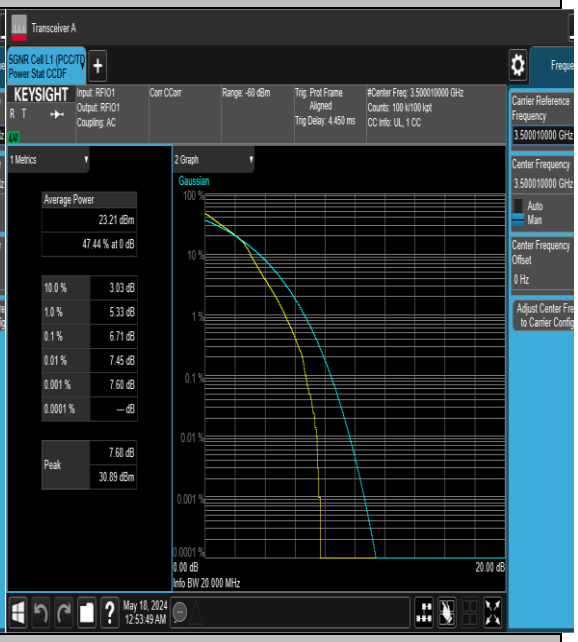


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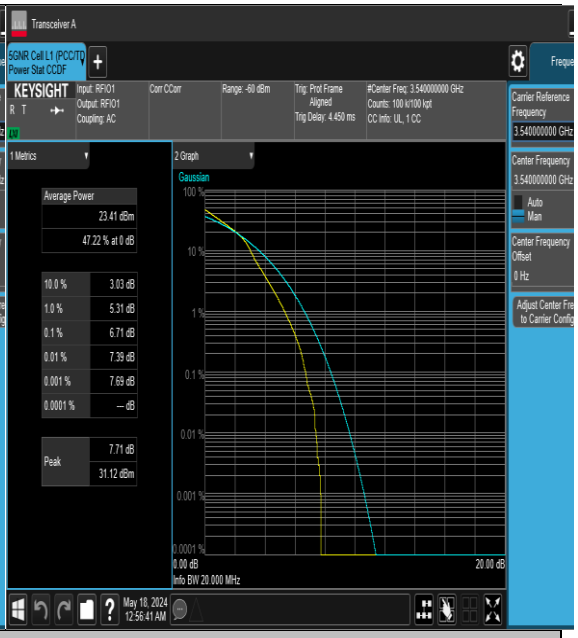


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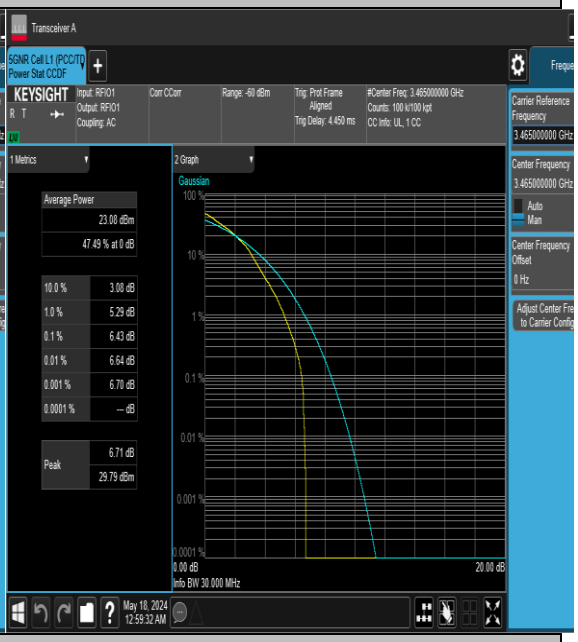


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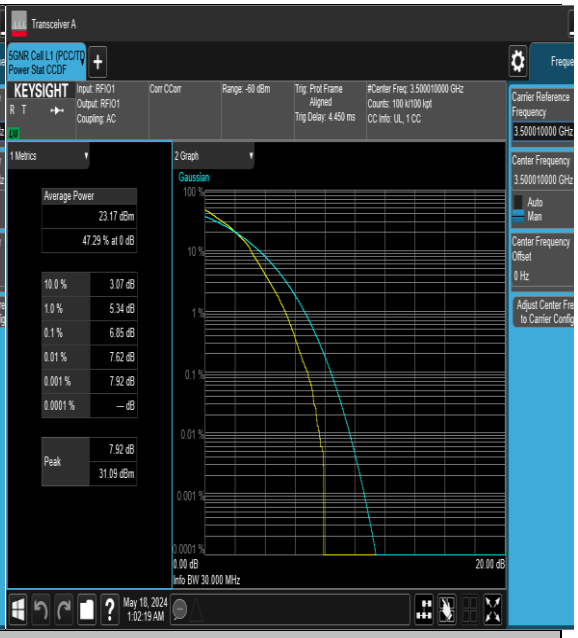


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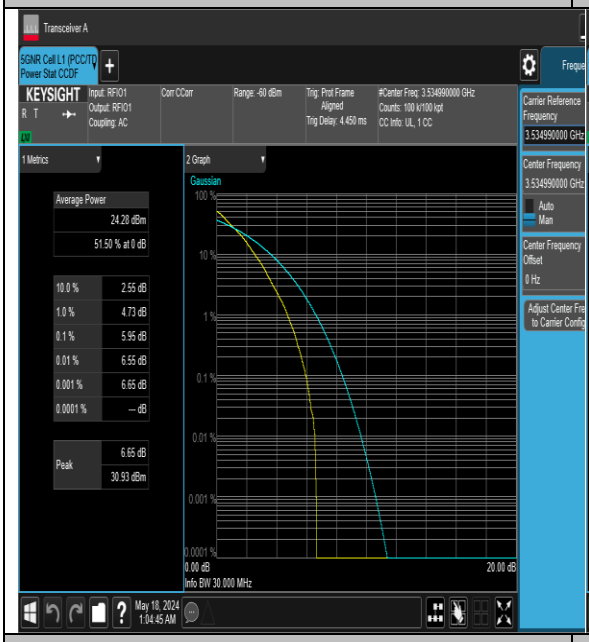


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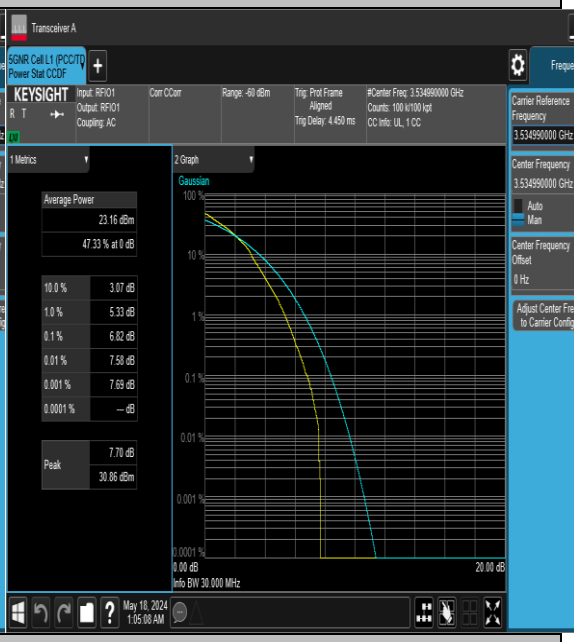


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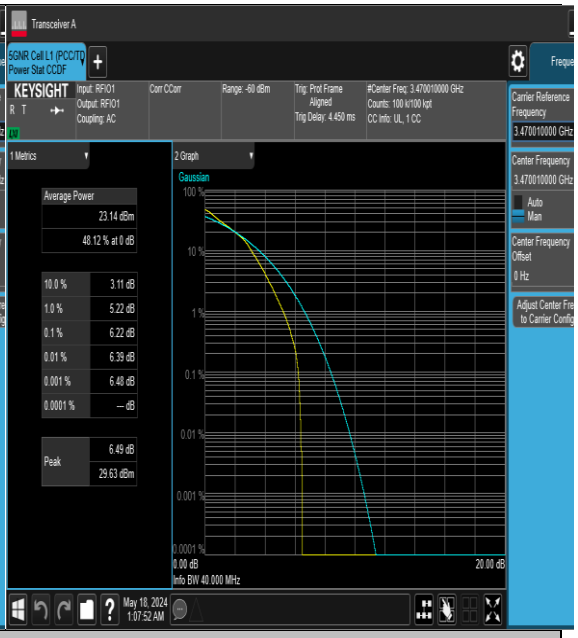


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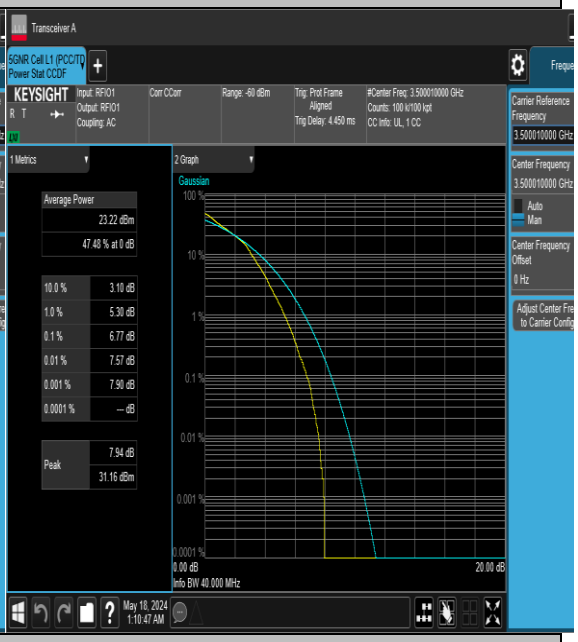


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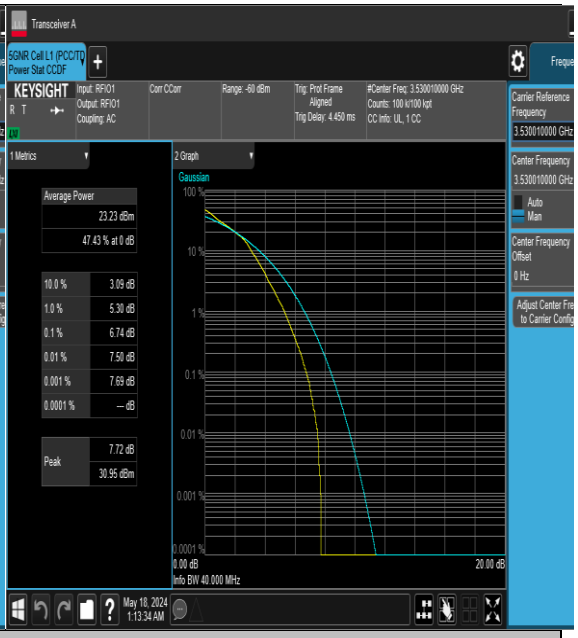


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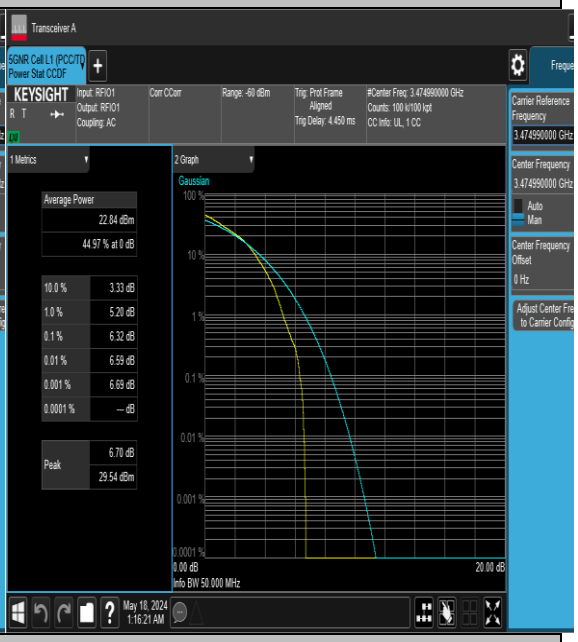


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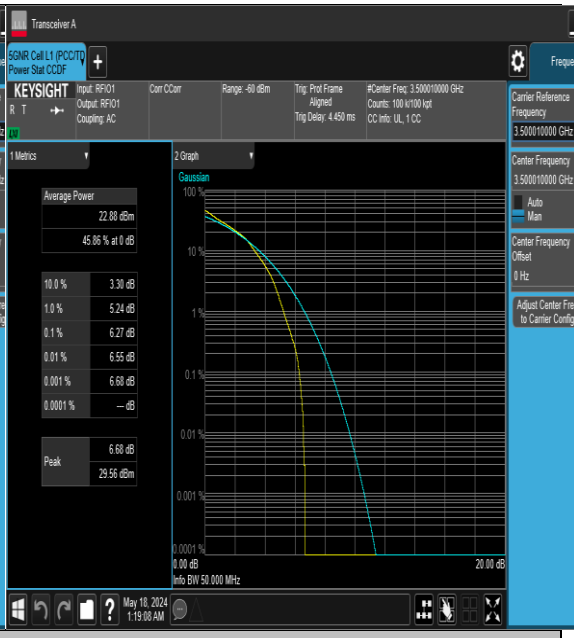


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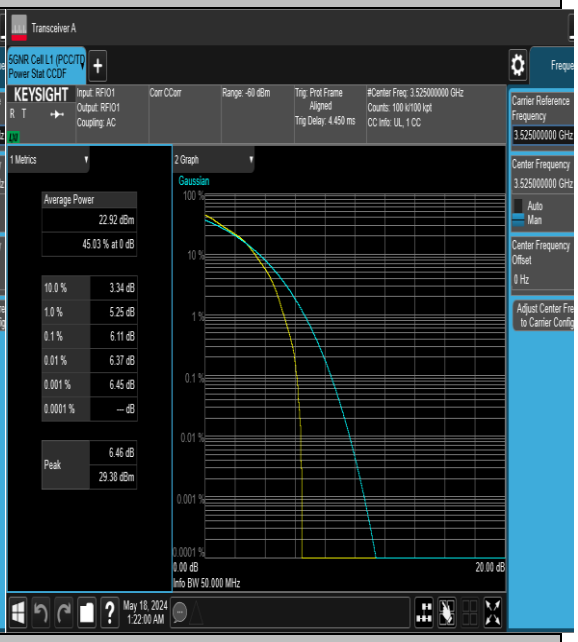


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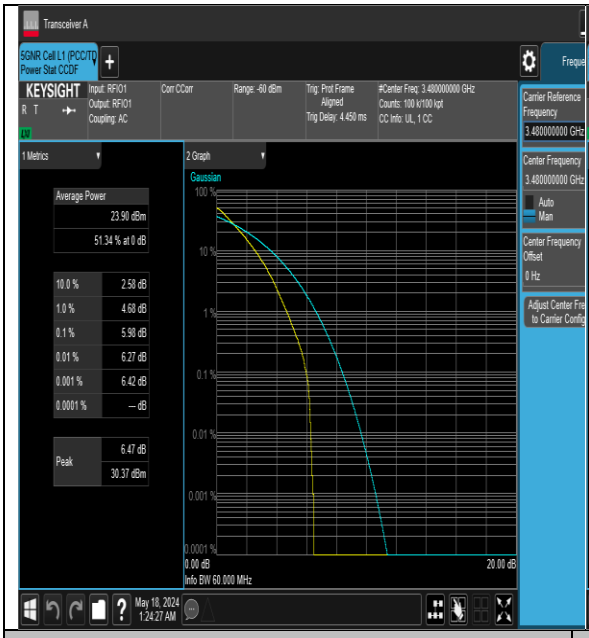


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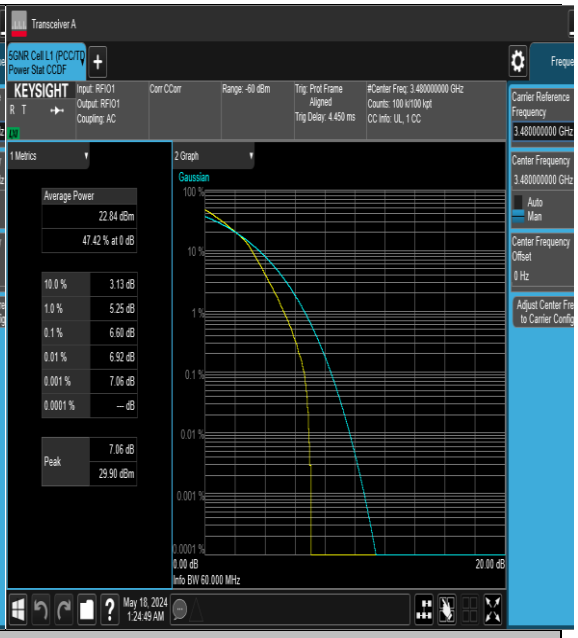


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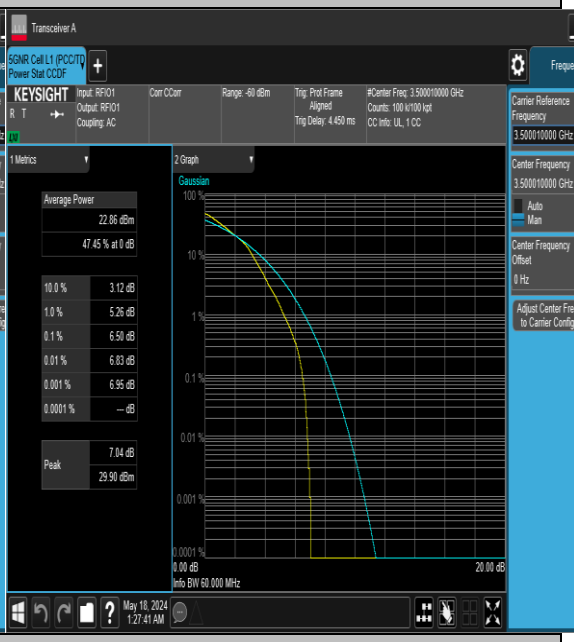


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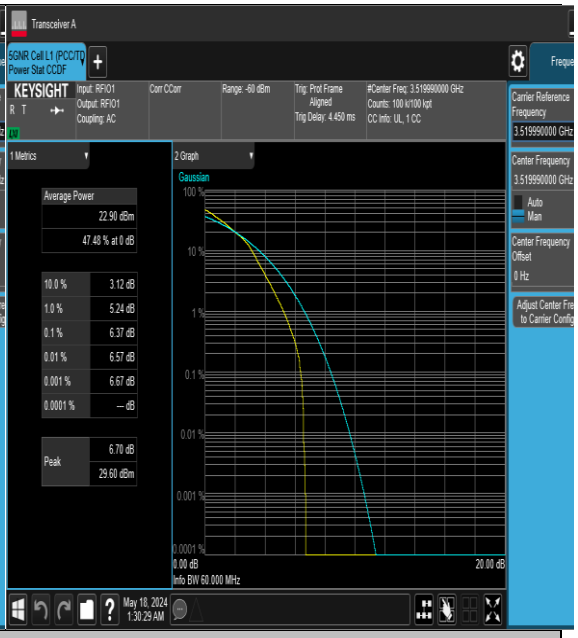


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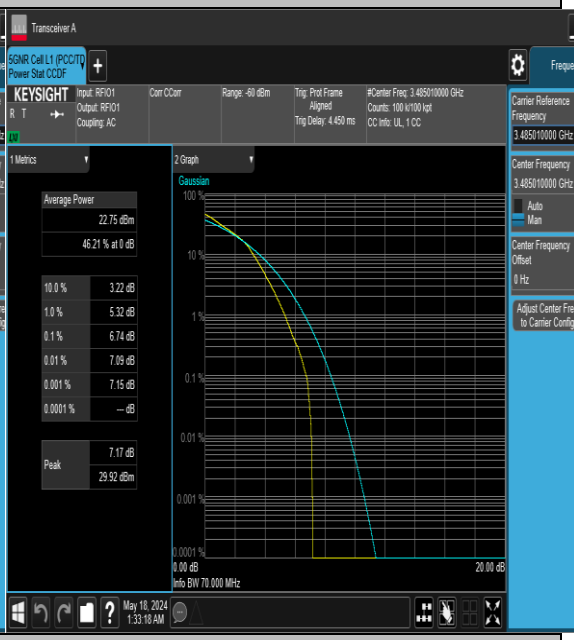


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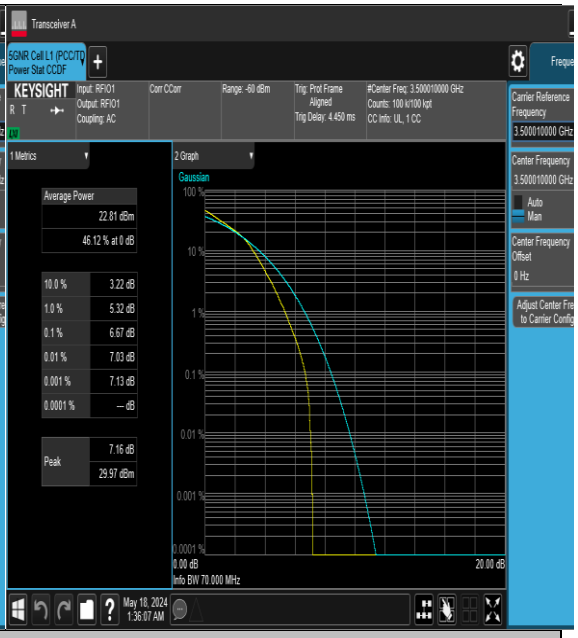


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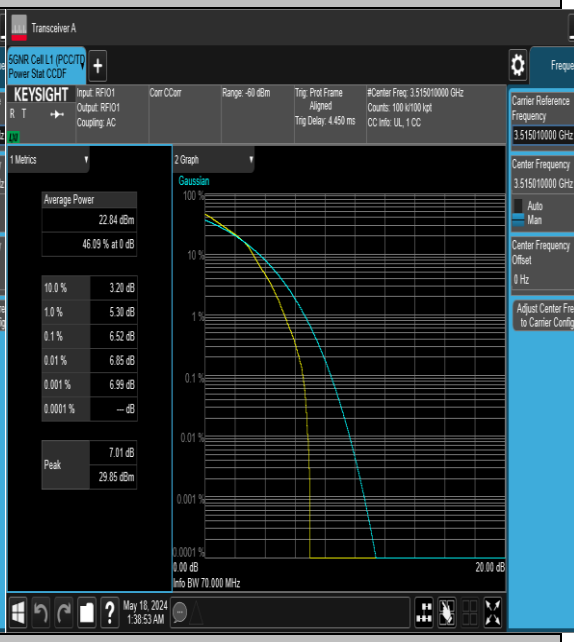


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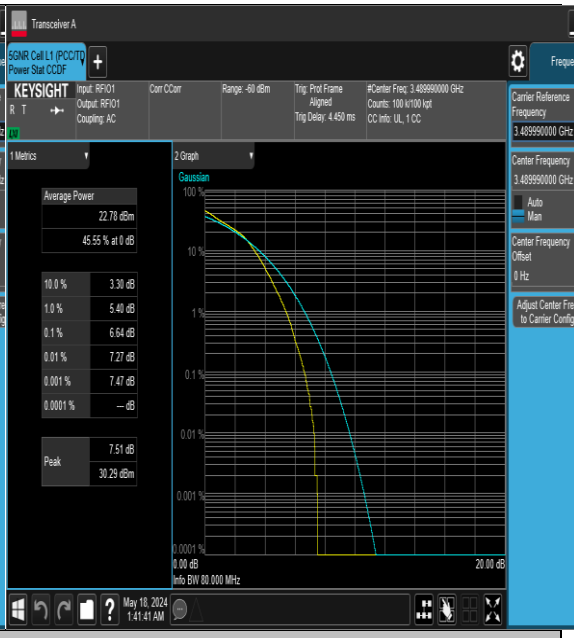


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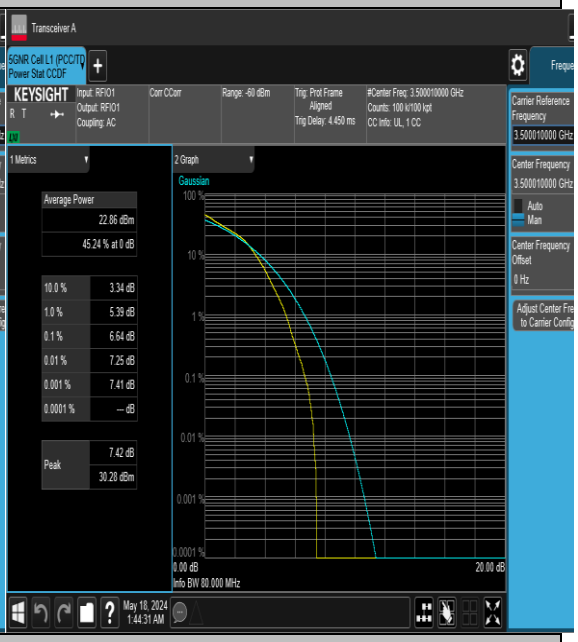


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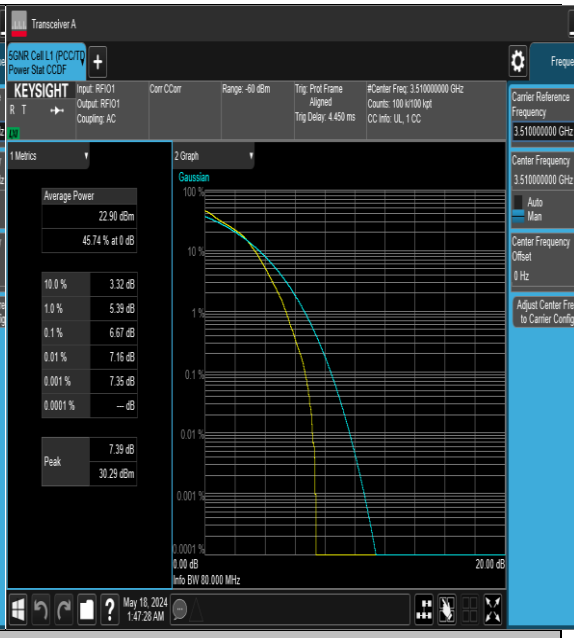


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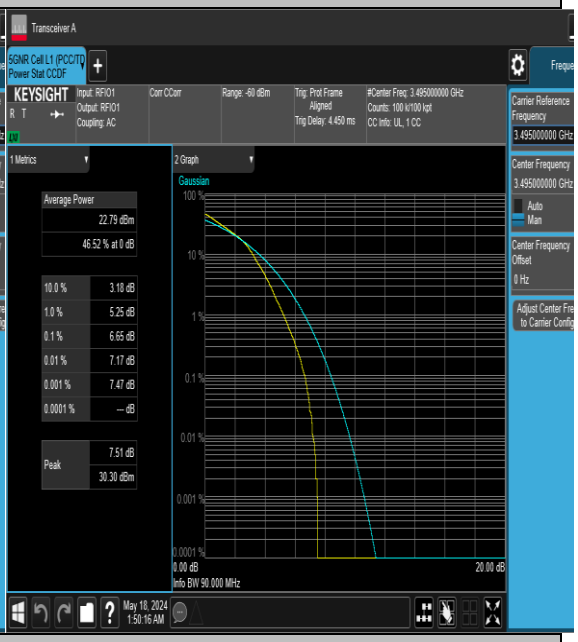


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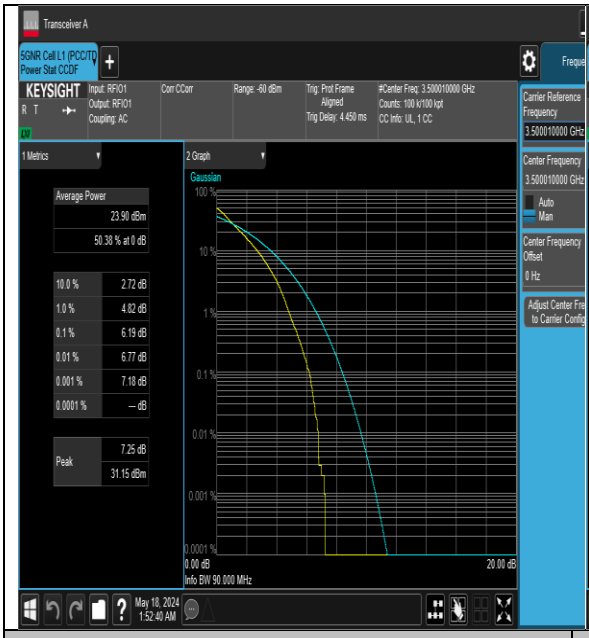


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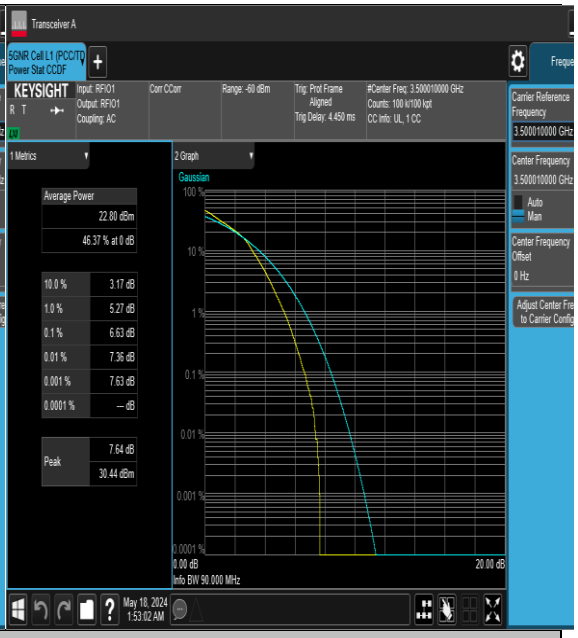


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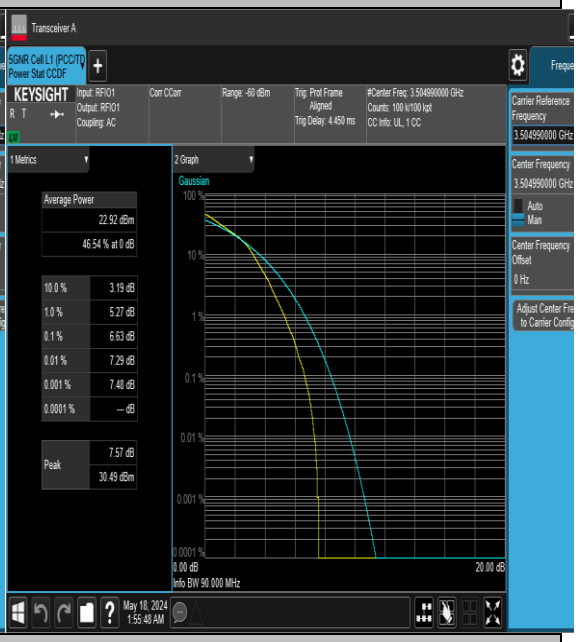


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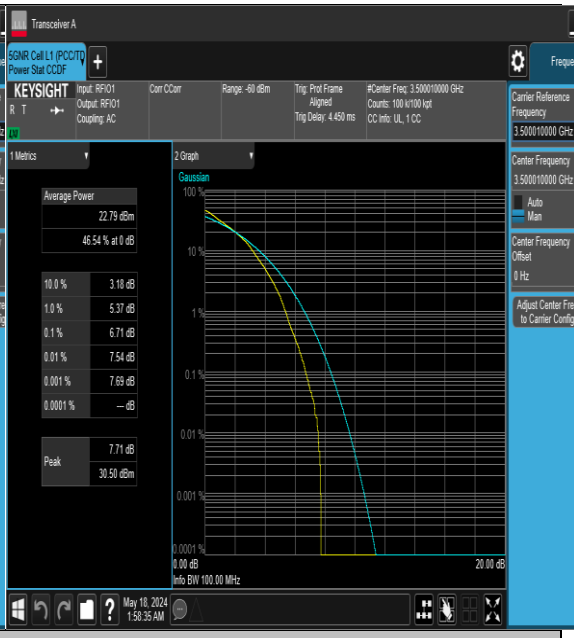


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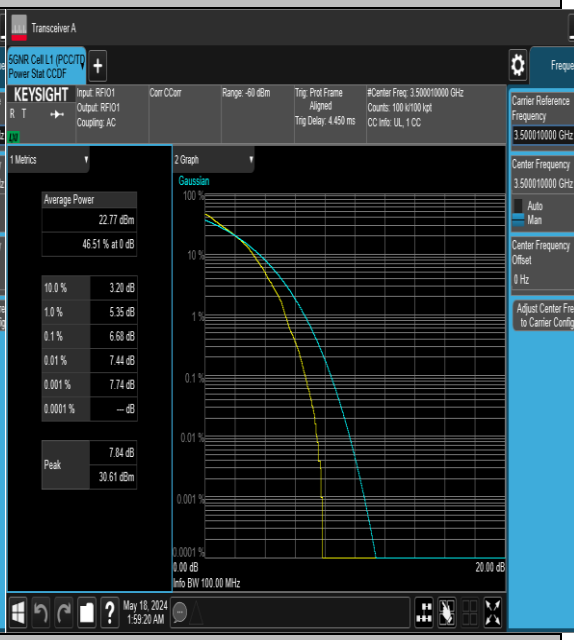


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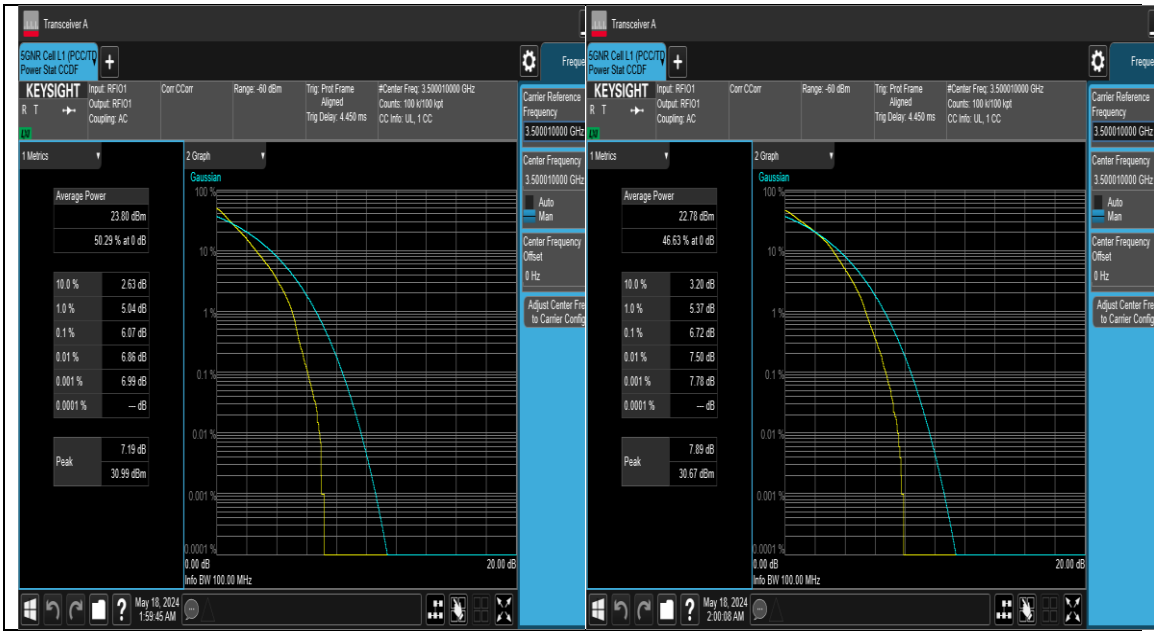

Transceiver A
5GNR Cell L1 (PCC/TD
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -60 dBm
Trig: Prot Frame Aligned
Trig Delay: 4.450 ms
#Center Freq: 3.500010000 GHz
Counts: 100 k/100 kpt
CC Info: UL, 1 CC
Carrier Reference Frequency
3.500010000 GHz
1 Metrics
2 Graph
Gaussian
Average Power
23.80 dBm
50.29 % at 0 dB
10.0 % 2.63 dB
1.0 % 5.04 dB
0.1 % 6.07 dB
0.01 % 6.86 dB
0.001 % 6.99 dB
0.0001 % — dB
Peak 7.19 dB
30.99 dBm
Center Frequency
3.500010000 GHz
Auto
Man
Center Frequency Offset
0 Hz
0.00 dB
20.00 dB
Info BW 100.00 MHz
May 18, 2024
1:59:45 AM
Transceiver A
5GNR Cell L1 (PCC/TD
Power Stat CCDF
KEYSIGHT
Input: RFIO1
Output: RFIO1
Coupling: AC
Corr CCorr
Range: -60 dBm
Trig: Prot Frame Aligned
Trig Delay: 4.450 ms
#Center Freq: 3.500010000 GHz
Counts: 100 k/100 kpt
CC Info: UL, 1 CC
Carrier Reference Frequency
3.500010000 GHz
1 Metrics
2 Graph
Gaussian
Average Power
22.78 dBm
46.63 % at 0 dB
10.0 % 3.20 dB
1.0 % 5.37 dB
0.1 % 6.72 dB
0.01 % 7.50 dB
0.001 % 7.78 dB
0.0001 % — dB
Peak 7.89 dB
30.67 dBm
Center Frequency
3.500010000 GHz
Auto
Man
Center Frequency Offset
0 Hz
0.00 dB
20.00 dB
Info BW 100.00 MHz
May 18, 2024
2:00:08 AM

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

## Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result (99%) | Result (26dB) | Verdict |
|---|---|---|---|---|---|---|---|---|
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | L | Outer_Full | 8.5982 | 9.887 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | L | Outer_Full | 8.6255 | 9.798 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | M | Outer_Full | 8.5754 | 9.473 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | M | Outer_Full | 8.6097 | 9.722 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-QPSK | H | Outer_Full | 8.6076 | 9.709 | PASS |
| N78-3450 -3550 | 30 | 10 | DFT-16QAM | H | Outer_Full | 8.6088 | 9.676 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | L | Outer_Full | 12.887 | 14.22 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | L | Outer_Full | 12.902 | 14.19 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | M | Outer_Full | 12.896 | 14.03 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | M | Outer_Full | 12.901 | 14.20 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-QPSK | H | Outer_Full | 12.883 | 14.01 | PASS |
| N78-3450 -3550 | 30 | 15 | DFT-16QAM | H | Outer_Full | 12.906 | 14.10 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | L | Outer_Full | 17.861 | 19.35 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | L | Outer_Full | 17.897 | 19.45 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | M | Outer_Full | 17.835 | 19.08 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-16QAM | M | Outer_Full | 17.910 | 19.62 | PASS |
| N78-3450 -3550 | 30 | 20 | DFT-QPSK | H | Outer_Full | 17.831 | 19.19 | PASS |
| N78-3450 | 30 | 20 | DFT-16QAM | H | Outer_Full | 17.891 | 19.40 | PASS |

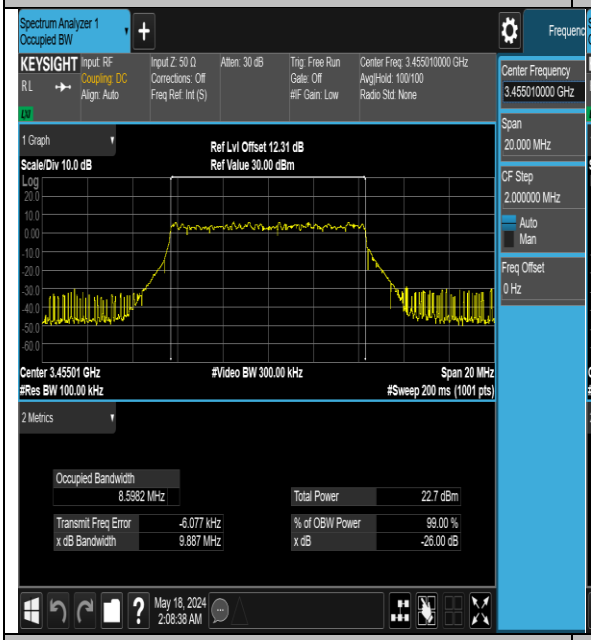
| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | L | Outer_Full | 26.810 | 28.53 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | L | Outer_Full | 26.820 | 28.42 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | M | Outer_Full | 26.784 | 28.52 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | M | Outer_Full | 26.838 | 28.40 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-QPSK | H | Outer_Full | 26.810 | 28.46 | PASS |
| N78-3450 -3550 | 30 | 30 | DFT-16QAM | H | Outer_Full | 26.855 | 28.48 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | L | Outer_Full | 35.667 | 37.36 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | L | Outer_Full | 35.672 | 37.75 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | M | Outer_Full | 35.678 | 37.55 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | M | Outer_Full | 35.732 | 37.76 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-QPSK | H | Outer_Full | 35.679 | 37.80 | PASS |
| N78-3450 -3550 | 30 | 40 | DFT-16QAM | H | Outer_Full | 35.719 | 37.51 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | L | Outer_Full | 45.722 | 47.69 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | L | Outer_Full | 45.730 | 47.70 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | M | Outer_Full | 45.807 | 47.95 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | M | Outer_Full | 45.816 | 47.82 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-QPSK | H | Outer_Full | 45.818 | 47.76 | PASS |
| N78-3450 -3550 | 30 | 50 | DFT-16QAM | H | Outer_Full | 45.824 | 47.79 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | L | Outer_Full | 57.780 | 60.31 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | L | Outer_Full | 57.841 | 60.38 | PASS |
| N78-3450 | 30 | 60 | DFT-QPSK | M | Outer_Full | 57.821 | 60.44 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | M | Outer_Full | 57.888 | 60.48 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-QPSK | H | Outer_Full | 57.885 | 60.50 | PASS |
| N78-3450 -3550 | 30 | 60 | DFT-16QAM | H | Outer_Full | 57.902 | 60.45 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | L | Outer_Full | 64.120 | 66.80 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | L | Outer_Full | 64.147 | 66.70 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | M | Outer_Full | 64.216 | 66.72 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | M | Outer_Full | 64.221 | 66.89 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-QPSK | H | Outer_Full | 64.274 | 66.82 | PASS |
| N78-3450 -3550 | 30 | 70 | DFT-16QAM | H | Outer_Full | 64.291 | 66.96 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | L | Outer_Full | 77.004 | 80.27 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | L | Outer_Full | 77.090 | 80.08 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | M | Outer_Full | 77.062 | 80.27 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | M | Outer_Full | 77.138 | 80.14 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-QPSK | H | Outer_Full | 77.068 | 80.25 | PASS |
| N78-3450 -3550 | 30 | 80 | DFT-16QAM | H | Outer_Full | 77.231 | 80.04 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | L | Outer_Full | 86.701 | 89.95 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | L | Outer_Full | 86.788 | 90.00 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | M | Outer_Full | 86.740 | 90.07 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-16QAM | M | Outer_Full | 86.711 | 90.17 | PASS |
| N78-3450 -3550 | 30 | 90 | DFT-QPSK | H | Outer_Full | 86.752 | 90.20 | PASS |
| N78-3450 | 30 | 90 | DFT-16QAM | H | Outer_Full | 86.740 | 90.25 | PASS |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| -3550 | | | | | | | | |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | L | Outer_Full | 96.300 | 99.67 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | L | Outer_Full | 96.285 | 99.89 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | M | Outer_Full | 96.259 | 99.80 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | M | Outer_Full | 96.387 | 99.92 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-QPSK | H | Outer_Full | 96.257 | 99.89 | PASS |
| N78-3450 -3550 | 30 | 100 | DFT-16QAM | H | Outer_Full | 96.368 | 99.62 | PASS |

## Test Graphs

NTNV_N78-3450-3550_PC2_30_10_L_TID5_Ant 1#1

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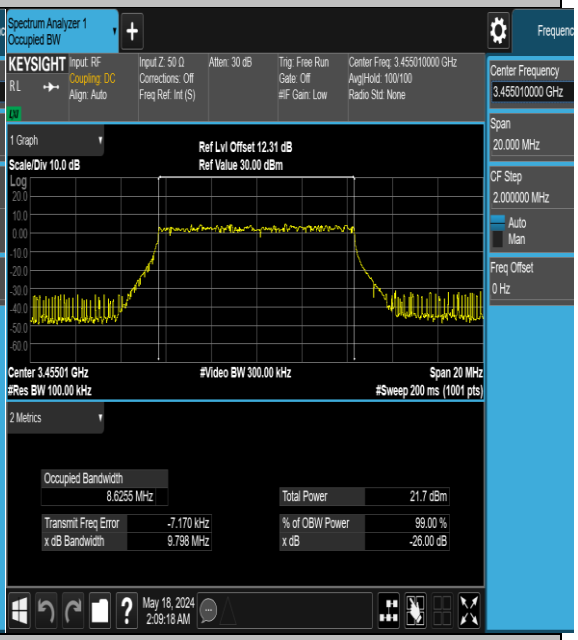


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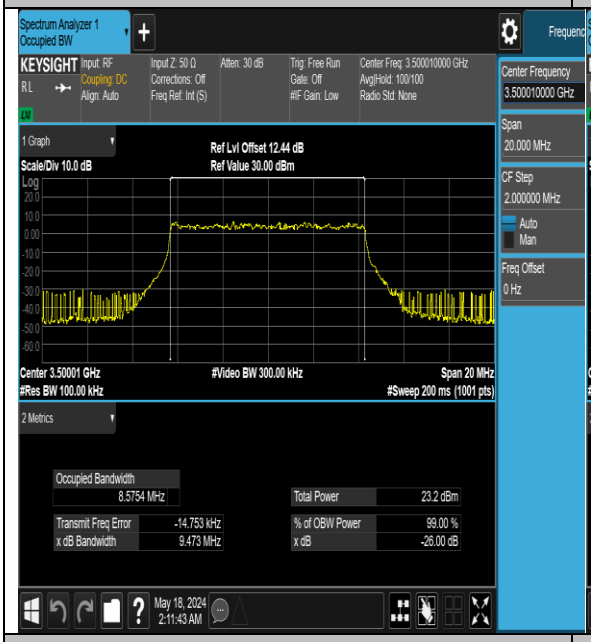


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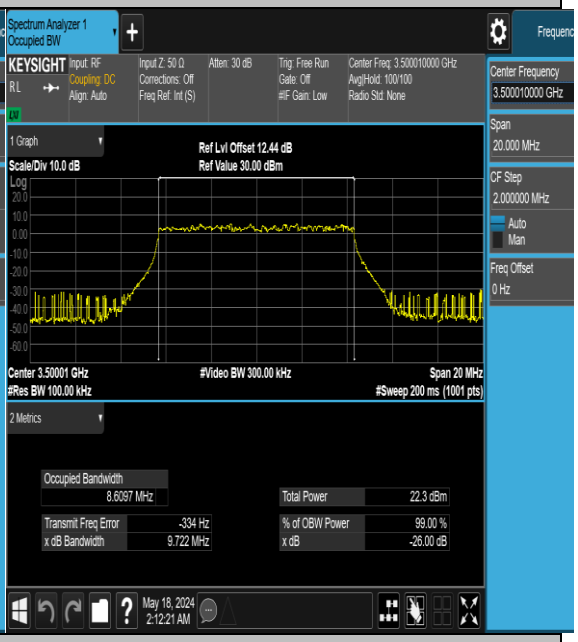


NTNV_N78-3450-3550_PC2_30_10_H_TID5_Ant 1#1

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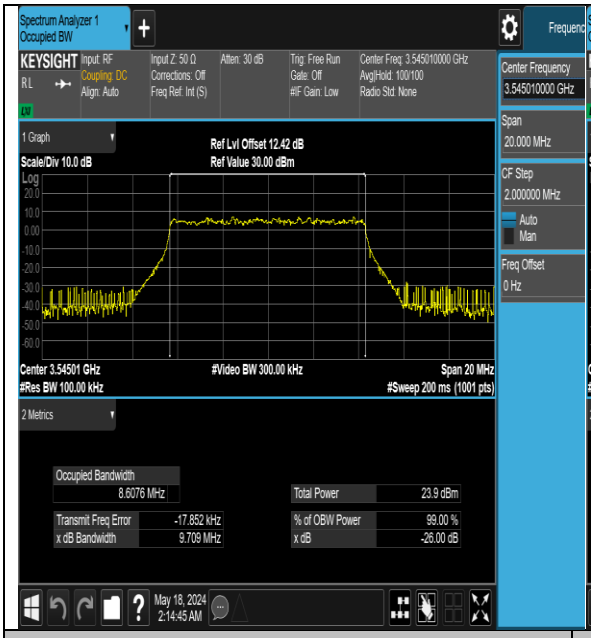
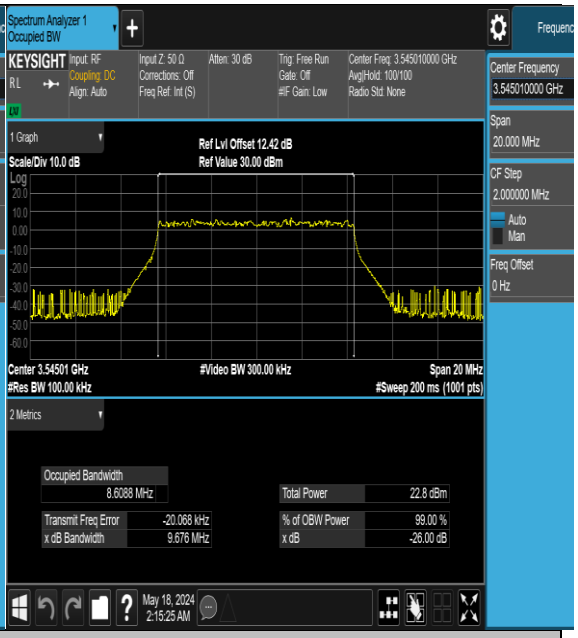



NTNV_N78-3450-3550_PC2_30_15_L_TID5_Ant 1#1

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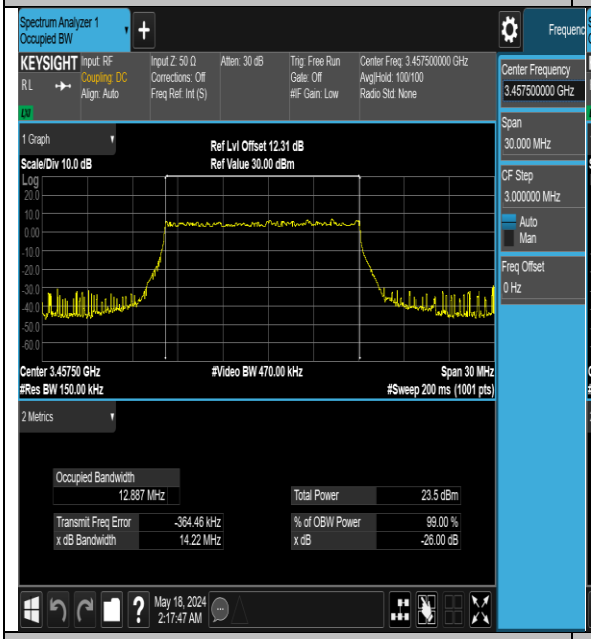


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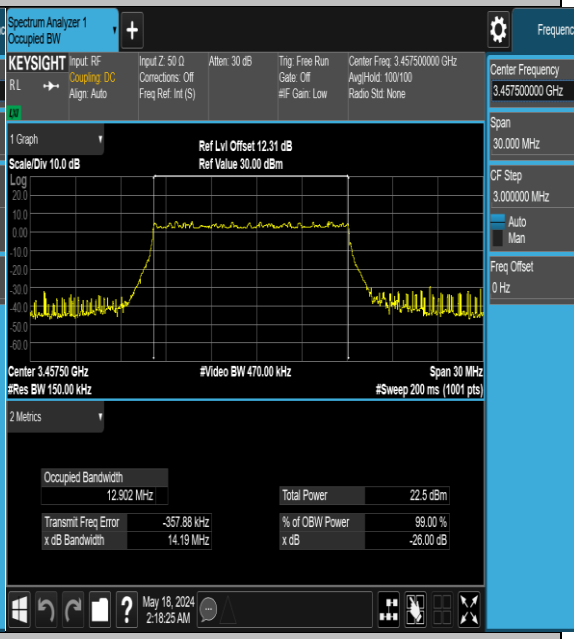


NTNV_N78-3450-3550_PC2_30_15_M_TID6_Ant 1#1