# Appendix B.28

## NR Band n7

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# Effective (Isotropic) Radiated Power Output Data for SA

## Test ResultAnt1

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Power (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|---|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.34 | 24.76 | 33 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.26 | 24.68 | 33 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 22.87 | 24.29 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | L | Inner_1RB_Left | 23.44 | 24.86 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | L | Inner_1RB_Right | 23.42 | 24.84 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | L | Outer_Full | 22.45 | 23.87 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | L | Inner_1RB_Left | 22.09 | 23.51 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | L | Inner_1RB_Right | 22.08 | 23.5 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | L | Outer_Full | 21.43 | 22.85 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | L | Inner_1RB_Left | 20.56 | 21.98 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | L | Inner_1RB_Right | 20.76 | 22.18 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | L | Outer_Full | 20.84 | 22.26 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | L | Inner_1RB_Left | 18.8 | 20.22 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | L | Inner_1RB_Right | 19.03 | 20.45 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | L | Outer_Full | 18.98 | 20.4 | 33 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.29 | 24.71 | 33 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.18 | 24.6 | 33 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 22.8 | 24.22 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | M | Inner_1RB_Left | 23.39 | 24.81 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | M | Inner_1RB_Right | 23.46 | 24.88 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | M | Outer_Full | 22.32 | 23.74 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | M | Inner_1RB_Left | 22 | 23.42 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | M | Inner_1RB_Right | 22.07 | 23.49 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | M | Outer_Full | 21.33 | 22.75 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | M | Inner_1RB_Left | 20.65 | 22.07 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | M | Inner_1RB_Right | 20.66 | 22.08 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | M | Outer_Full | 20.82 | 22.24 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Left | 19.01 | 20.43 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Right | 19.03 | 20.45 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | M | Outer_Full | 18.93 | 20.35 | 33 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.07 | 24.49 | 33 | PASS |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.36 | 24.78 | 33 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 22.81 | 24.23 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | H | Inner_1RB_Left | 23.34 | 24.76 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | H | Inner_1RB_Right | 23.6 | 25.02 | 33 | PASS |
| N7 | 15 | 5 | DFT-QPSK | H | Outer_Full | 22.24 | 23.66 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | H | Inner_1RB_Left | 22 | 23.42 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | H | Inner_1RB_Right | 22.19 | 23.61 | 33 | PASS |
| N7 | 15 | 5 | DFT-16QAM | H | Outer_Full | 21.16 | 22.58 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | H | Inner_1RB_Left | 20.64 | 22.06 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | H | Inner_1RB_Right | 20.75 | 22.17 | 33 | PASS |
| N7 | 15 | 5 | DFT-64QAM | H | Outer_Full | 20.59 | 22.01 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | H | Inner_1RB_Left | 18.79 | 20.21 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | H | Inner_1RB_Right | 19.06 | 20.48 | 33 | PASS |
| N7 | 15 | 5 | DFT-256QAM | H | Outer_Full | 18.92 | 20.34 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.38 | 24.8 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.51 | 24.93 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 23.3 | 24.72 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | L | Inner_1RB_Left | 23.5 | 24.92 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | L | Inner_1RB_Right | 23.61 | 25.03 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | L | Outer_Full | 22.44 | 23.86 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | L | Inner_1RB_Left | 21.99 | 23.41 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | L | Inner_1RB_Right | 22.27 | 23.69 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | L | Outer_Full | 21.41 | 22.83 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | L | Inner_1RB_Left | 20.81 | 22.23 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | L | Inner_1RB_Right | 21.01 | 22.43 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | L | Outer_Full | 20.9 | 22.32 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Left | 19.02 | 20.44 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Right | 19.25 | 20.67 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | L | Outer_Full | 19.16 | 20.58 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.20 | 24.62 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.25 | 24.67 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 22.91 | 24.33 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | M | Inner_1RB_Left | 23.46 | 24.88 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | M | Inner_1RB_Right | 23.56 | 24.98 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | M | Outer_Full | 22.48 | 23.9 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | M | Inner_1RB_Left | 22.11 | 23.53 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | M | Inner_1RB_Right | 22.09 | 23.51 | 33 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 10 | DFT-16QAM | M | Outer_Full | 21.43 | 22.85 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | M | Inner_1RB_Left | 20.62 | 22.04 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | M | Inner_1RB_Right | 20.75 | 22.17 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | M | Outer_Full | 20.88 | 22.3 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Left | 18.94 | 20.36 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Right | 18.97 | 20.39 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | M | Outer_Full | 19.05 | 20.47 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.22 | 24.64 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.3 | 24.72 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 22.83 | 24.25 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | H | Inner_1RB_Left | 23.34 | 24.76 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | H | Inner_1RB_Right | 23.6 | 25.02 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK | H | Outer_Full | 22.16 | 23.58 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | H | Inner_1RB_Left | 21.91 | 23.33 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | H | Inner_1RB_Right | 22.16 | 23.58 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM | H | Outer_Full | 21.17 | 22.59 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | H | Inner_1RB_Left | 20.54 | 21.96 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | H | Inner_1RB_Right | 20.68 | 22.1 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM | H | Outer_Full | 20.6 | 22.02 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Left | 18.76 | 20.18 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Right | 19 | 20.42 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM | H | Outer_Full | 18.79 | 20.21 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.38 | 24.8 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.44 | 24.86 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 23.06 | 24.48 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | L | Inner_1RB_Left | 23.58 | 25 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | L | Inner_1RB_Right | 23.56 | 24.98 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | L | Outer_Full | 22.51 | 23.93 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | L | Inner_1RB_Left | 22.19 | 23.61 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | L | Inner_1RB_Right | 21.74 | 23.16 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | L | Outer_Full | 21.57 | 22.99 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | L | Inner_1RB_Left | 20.53 | 21.95 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | L | Inner_1RB_Right | 20.71 | 22.13 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | L | Outer_Full | 20.51 | 21.93 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | L | Inner_1RB_Left | 19.23 | 20.65 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | L | Inner_1RB_Right | 18.66 | 20.08 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | L | Outer_Full | 18.62 | 20.04 | 33 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.37 | 24.79 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.17 | 24.59 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 22.85 | 24.27 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | M | Inner_1RB_Left | 23.36 | 24.78 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | M | Inner_1RB_Right | 23.38 | 24.8 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | M | Outer_Full | 22.35 | 23.77 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | M | Inner_1RB_Left | 22.16 | 23.58 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | M | Inner_1RB_Right | 22.18 | 23.6 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | M | Outer_Full | 21.39 | 22.81 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | M | Inner_1RB_Left | 20.6 | 22.02 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | M | Inner_1RB_Right | 20.59 | 22.01 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | M | Outer_Full | 20.79 | 22.21 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | M | Inner_1RB_Left | 19.11 | 20.53 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | M | Inner_1RB_Right | 19.03 | 20.45 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | M | Outer_Full | 19.01 | 20.43 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.03 | 24.45 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.27 | 24.69 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 22.68 | 24.1 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | H | Inner_1RB_Left | 23.34 | 24.76 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | H | Inner_1RB_Right | 23.46 | 24.88 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK | H | Outer_Full | 22.24 | 23.66 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | H | Inner_1RB_Left | 22.03 | 23.45 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | H | Inner_1RB_Right | 22.28 | 23.7 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM | H | Outer_Full | 21.23 | 22.65 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | H | Inner_1RB_Left | 20.51 | 21.93 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | H | Inner_1RB_Right | 20.93 | 22.35 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM | H | Outer_Full | 20.64 | 22.06 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | H | Inner_1RB_Left | 18.93 | 20.35 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | H | Inner_1RB_Right | 19.12 | 20.54 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM | H | Outer_Full | 18.86 | 20.28 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.29 | 24.71 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.32 | 24.74 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 22.99 | 24.41 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | L | Inner_1RB_Left | 23.51 | 24.93 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | L | Inner_1RB_Right | 23.44 | 24.86 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | L | Outer_Full | 22.41 | 23.83 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | L | Inner_1RB_Left | 22.15 | 23.57 | 33 | PASS |

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|---|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 20 | DFT-16QAM | L | Inner_1RB_Right | 22.26 | 23.68 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | L | Outer_Full | 21.62 | 23.04 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | L | Inner_1RB_Left | 20.64 | 22.06 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | L | Inner_1RB_Right | 20.65 | 22.07 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | L | Outer_Full | 21.08 | 22.5 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | L | Inner_1RB_Left | 18.95 | 20.37 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | L | Inner_1RB_Right | 18.92 | 20.34 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | L | Outer_Full | 19.22 | 20.64 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.3 | 24.72 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.39 | 24.81 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 22.86 | 24.28 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | M | Inner_1RB_Left | 23.51 | 24.93 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | M | Inner_1RB_Right | 23.43 | 24.85 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | M | Outer_Full | 22.26 | 23.68 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | M | Inner_1RB_Left | 22.16 | 23.58 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | M | Inner_1RB_Right | 21.87 | 23.29 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | M | Outer_Full | 21.08 | 22.5 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | M | Inner_1RB_Left | 20.8 | 22.22 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | M | Inner_1RB_Right | 20.72 | 22.14 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | M | Outer_Full | 20.63 | 22.05 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | M | Inner_1RB_Left | 18.97 | 20.39 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | M | Inner_1RB_Right | 19.07 | 20.49 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | M | Outer_Full | 18.82 | 20.24 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.01 | 24.43 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.35 | 24.77 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 22.73 | 24.15 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | H | Inner_1RB_Left | 23.24 | 24.66 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | H | Inner_1RB_Right | 23.49 | 24.91 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK | H | Outer_Full | 22.29 | 23.71 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | H | Inner_1RB_Left | 21.94 | 23.36 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | H | Inner_1RB_Right | 22.26 | 23.68 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM | H | Outer_Full | 21.3 | 22.72 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | H | Inner_1RB_Left | 20.49 | 21.91 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | H | Inner_1RB_Right | 20.96 | 22.38 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM | H | Outer_Full | 20.64 | 22.06 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | H | Inner_1RB_Left | 18.96 | 20.38 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM | H | Inner_1RB_Right | 19.26 | 20.68 | 33 | PASS |

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| | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 20 | DFT-256QAM | H | Outer_Full | 18.69 | 20.11 | 33 | PASS |

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# Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(PAPR)

### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | DutyCycle | Factor | Result | Limit | Verdict |
|---|---|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 20 | DFT-256QAM | L | Outer_Full | 100% | 0.00 | 8.48 | ≤13 | PASS |
| N7 | 15 | 20 | CP-256QAM | L | Outer_Full | 100% | 0.00 | 9.58 | ≤13 | PASS |
| N7 | 15 | 20 | DFT-256QAM | M | Outer_Full | 100% | 0.00 | 8.50 | ≤13 | PASS |
| N7 | 15 | 20 | CP-256QAM | M | Outer_Full | 100% | 0.00 | 9.41 | ≤13 | PASS |
| N7 | 15 | 20 | DFT-256QAM | H | Outer_Full | 100% | 0.00 | 9.13 | ≤13 | PASS |
| N7 | 15 | 20 | CP-256QAM | H | Outer_Full | 100% | 0.00 | 9.56 | ≤13 | PASS |

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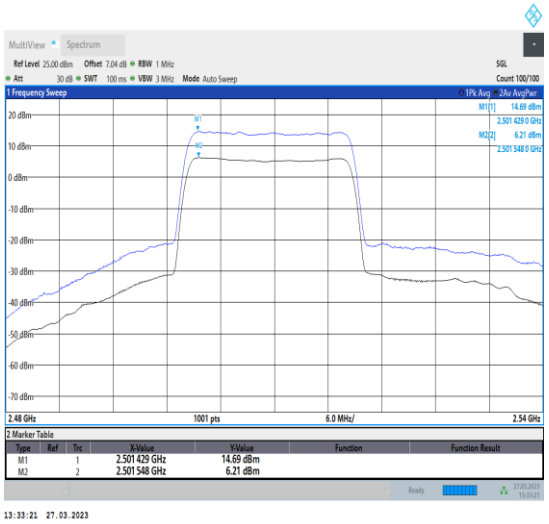
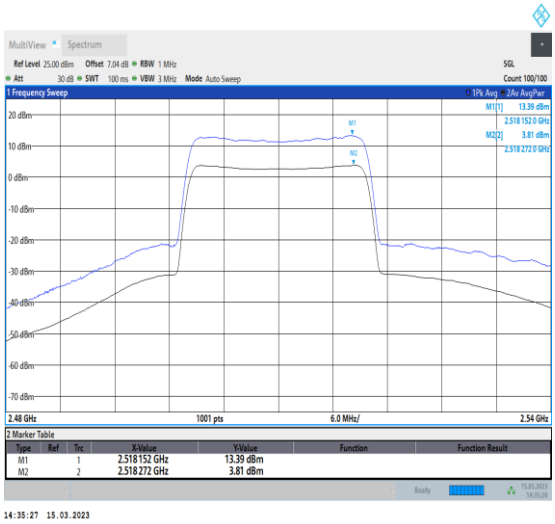
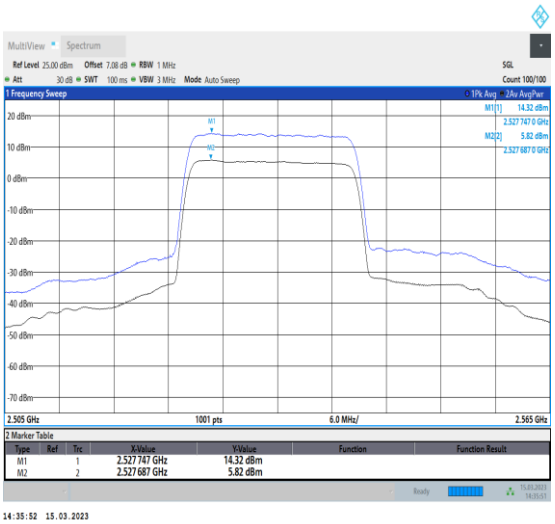
## Test Graphs




1-N7-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100@0-Ant1-6.05-100%-0.00-6.05-PASS-≤13




1-N7-PC3-15-20-L-2-CP-256QAM-Outer_Full-106@0-Ant1-9.58-100%-0.00-9.58-PASS-≤13

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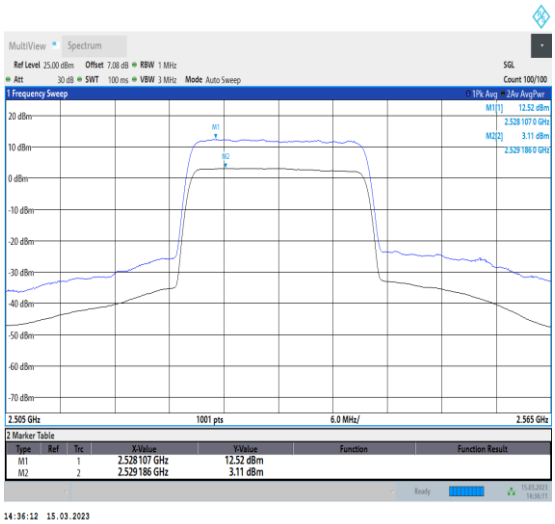


1-N7-PC3-15-20-M-2-CP-256QAM-Outer_Full-106@0-Ant1-9.41-100%-0.00-9.41-PASS-≤13

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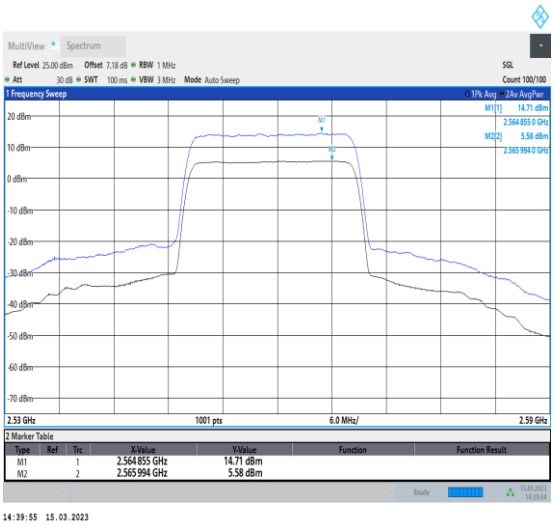
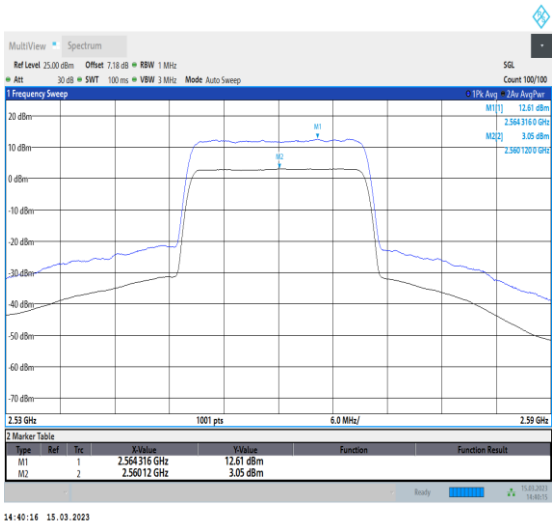



1-N7-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100@0-Ant1-9.13-100%-0.00-9.13-PASS-≤13




1-N7-PC3-15-20-H-2-CP-256QAM-Outer_Full-106@0-Ant1-9.56-100%-0.00-9.56-PASS-≤13

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# 26dB Bandwidth and Occupied Bandwidth for SA

## Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result (99%) | Result (26dB) | Verdict |
|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 5 | DFT-QPSK | L | Outer_Full | 4.458 | 4.780 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 4.461 | 4.820 | PASS |
| N7 | 15 | 5 | DFT-16QAM | L | Outer_Full | 4.493 | 4.770 | PASS |
| N7 | 15 | 5 | DFT-64QAM | L | Outer_Full | 4.471 | 4.840 | PASS |
| N7 | 15 | 5 | DFT-256QAM | L | Outer_Full | 4.465 | 4.800 | PASS |
| N7 | 15 | 5 | CP-QPSK | L | Outer_Full | 4.465 | 4.870 | PASS |
| N7 | 15 | 5 | CP-16QAM | L | Outer_Full | 4.469 | 4.850 | PASS |
| N7 | 15 | 5 | CP-64QAM | L | Outer_Full | 4.466 | 4.850 | PASS |
| N7 | 15 | 5 | CP-256QAM | L | Outer_Full | 4.47 | 4.800 | PASS |
| N7 | 15 | 5 | DFT-QPSK | M | Outer_Full | 4.463 | 4.830 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 4.453 | 4.790 | PASS |
| N7 | 15 | 5 | DFT-16QAM | M | Outer_Full | 4.468 | 4.820 | PASS |
| N7 | 15 | 5 | DFT-64QAM | M | Outer_Full | 4.476 | 4.820 | PASS |
| N7 | 15 | 5 | DFT-256QAM | M | Outer_Full | 4.447 | 4.820 | PASS |
| N7 | 15 | 5 | CP-QPSK | M | Outer_Full | 4.465 | 4.830 | PASS |
| N7 | 15 | 5 | CP-16QAM | M | Outer_Full | 4.486 | 4.890 | PASS |
| N7 | 15 | 5 | CP-64QAM | M | Outer_Full | 4.471 | 4.800 | PASS |
| N7 | 15 | 5 | CP-256QAM | M | Outer_Full | 4.476 | 4.810 | PASS |
| N7 | 15 | 5 | DFT-QPSK | H | Outer_Full | 4.458 | 4.810 | PASS |
| N7 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 4.447 | 4.750 | PASS |
| N7 | 15 | 5 | DFT-16QAM | H | Outer_Full | 4.465 | 4.820 | PASS |
| N7 | 15 | 5 | DFT-64QAM | H | Outer_Full | 4.47 | 4.820 | PASS |
| N7 | 15 | 5 | DFT-256QAM | H | Outer_Full | 4.467 | 4.790 | PASS |
| N7 | 15 | 5 | CP-QPSK | H | Outer_Full | 4.46 | 4.860 | PASS |
| N7 | 15 | 5 | CP-16QAM | H | Outer_Full | 4.474 | 4.800 | PASS |
| N7 | 15 | 5 | CP-64QAM | H | Outer_Full | 4.479 | 4.870 | PASS |
| N7 | 15 | 5 | CP-256QAM | H | Outer_Full | 4.475 | 4.790 | PASS |
| N7 | 15 | 10 | DFT-QPSK | L | Outer_Full | 8.961 | 9.420 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.953 | 9.440 | PASS |
| N7 | 15 | 10 | DFT-16QAM | L | Outer_Full | 8.95 | 9.380 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 10 | DFT-64QAM | L | Outer_Full | 8.933 | 9.400 | PASS |
| N7 | 15 | 10 | DFT-256QAM | L | Outer_Full | 8.942 | 9.420 | PASS |
| N7 | 15 | 10 | CP-QPSK | L | Outer_Full | 9.296 | 9.780 | PASS |
| N7 | 15 | 10 | CP-16QAM | L | Outer_Full | 9.307 | 9.780 | PASS |
| N7 | 15 | 10 | CP-64QAM | L | Outer_Full | 9.293 | 9.740 | PASS |
| N7 | 15 | 10 | CP-256QAM | L | Outer_Full | 9.302 | 9.800 | PASS |
| N7 | 15 | 10 | DFT-QPSK | M | Outer_Full | 8.948 | 9.420 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.936 | 9.440 | PASS |
| N7 | 15 | 10 | DFT-16QAM | M | Outer_Full | 8.922 | 9.380 | PASS |
| N7 | 15 | 10 | DFT-64QAM | M | Outer_Full | 8.911 | 9.380 | PASS |
| N7 | 15 | 10 | DFT-256QAM | M | Outer_Full | 8.925 | 9.420 | PASS |
| N7 | 15 | 10 | CP-QPSK | M | Outer_Full | 9.272 | 9.740 | PASS |
| N7 | 15 | 10 | CP-16QAM | M | Outer_Full | 9.296 | 9.780 | PASS |
| N7 | 15 | 10 | CP-64QAM | M | Outer_Full | 9.307 | 9.800 | PASS |
| N7 | 15 | 10 | CP-256QAM | M | Outer_Full | 9.294 | 9.720 | PASS |
| N7 | 15 | 10 | DFT-QPSK | H | Outer_Full | 8.904 | 9.340 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.925 | 9.360 | PASS |
| N7 | 15 | 10 | DFT-16QAM | H | Outer_Full | 8.912 | 9.380 | PASS |
| N7 | 15 | 10 | DFT-64QAM | H | Outer_Full | 8.907 | 9.360 | PASS |
| N7 | 15 | 10 | DFT-256QAM | H | Outer_Full | 8.917 | 9.400 | PASS |
| N7 | 15 | 10 | CP-QPSK | H | Outer_Full | 9.271 | 9.780 | PASS |
| N7 | 15 | 10 | CP-16QAM | H | Outer_Full | 9.312 | 9.780 | PASS |
| N7 | 15 | 10 | CP-64QAM | H | Outer_Full | 9.275 | 9.800 | PASS |
| N7 | 15 | 10 | CP-256QAM | H | Outer_Full | 9.307 | 9.780 | PASS |
| N7 | 15 | 15 | DFT-QPSK | L | Outer_Full | 13.466 | 14.160 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.441 | 14.070 | PASS |
| N7 | 15 | 15 | DFT-16QAM | L | Outer_Full | 13.457 | 14.070 | PASS |
| N7 | 15 | 15 | DFT-64QAM | L | Outer_Full | 13.451 | 14.040 | PASS |
| N7 | 15 | 15 | DFT-256QAM | L | Outer_Full | 13.448 | 14.130 | PASS |
| N7 | 15 | 15 | CP-QPSK | L | Outer_Full | 14.182 | 14.820 | PASS |
| N7 | 15 | 15 | CP-16QAM | L | Outer_Full | 14.154 | 14.850 | PASS |
| N7 | 15 | 15 | CP-64QAM | L | Outer_Full | 14.153 | 15.120 | PASS |
| N7 | 15 | 15 | CP-256QAM | L | Outer_Full | 14.118 | 14.850 | PASS |
| N7 | 15 | 15 | DFT-QPSK | M | Outer_Full | 13.415 | 14.100 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.426 | 14.160 | PASS |
| N7 | 15 | 15 | DFT-16QAM | M | Outer_Full | 13.419 | 14.040 | PASS |
| N7 | 15 | 15 | DFT-64QAM | M | Outer_Full | 13.409 | 14.070 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 15 | DFT-256QAM | M | Outer_Full | 13.412 | 14.070 | PASS |
| N7 | 15 | 15 | CP-QPSK | M | Outer_Full | 14.125 | 14.790 | PASS |
| N7 | 15 | 15 | CP-16QAM | M | Outer_Full | 14.147 | 14.880 | PASS |
| N7 | 15 | 15 | CP-64QAM | M | Outer_Full | 14.089 | 14.820 | PASS |
| N7 | 15 | 15 | CP-256QAM | M | Outer_Full | 14.111 | 14.820 | PASS |
| N7 | 15 | 15 | DFT-QPSK | H | Outer_Full | 13.41 | 14.130 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.407 | 14.100 | PASS |
| N7 | 15 | 15 | DFT-16QAM | H | Outer_Full | 13.419 | 14.070 | PASS |
| N7 | 15 | 15 | DFT-64QAM | H | Outer_Full | 13.413 | 14.100 | PASS |
| N7 | 15 | 15 | DFT-256QAM | H | Outer_Full | 13.435 | 14.100 | PASS |
| N7 | 15 | 15 | CP-QPSK | H | Outer_Full | 14.144 | 14.880 | PASS |
| N7 | 15 | 15 | CP-16QAM | H | Outer_Full | 14.108 | 14.760 | PASS |
| N7 | 15 | 15 | CP-64QAM | H | Outer_Full | 14.112 | 14.760 | PASS |
| N7 | 15 | 15 | CP-256QAM | H | Outer_Full | 14.102 | 14.820 | PASS |
| N7 | 15 | 20 | DFT-QPSK | L | Outer_Full | 17.914 | 18.640 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.924 | 18.680 | PASS |
| N7 | 15 | 20 | DFT-16QAM | L | Outer_Full | 17.933 | 18.560 | PASS |
| N7 | 15 | 20 | DFT-64QAM | L | Outer_Full | 17.931 | 18.720 | PASS |
| N7 | 15 | 20 | DFT-256QAM | L | Outer_Full | 17.942 | 18.760 | PASS |
| N7 | 15 | 20 | CP-QPSK | L | Outer_Full | 18.964 | 19.760 | PASS |
| N7 | 15 | 20 | CP-16QAM | L | Outer_Full | 18.995 | 19.760 | PASS |
| N7 | 15 | 20 | CP-64QAM | L | Outer_Full | 18.963 | 19.680 | PASS |
| N7 | 15 | 20 | CP-256QAM | L | Outer_Full | 19.01 | 19.760 | PASS |
| N7 | 15 | 20 | DFT-QPSK | M | Outer_Full | 17.866 | 18.560 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.836 | 18.560 | PASS |
| N7 | 15 | 20 | DFT-16QAM | M | Outer_Full | 17.871 | 18.600 | PASS |
| N7 | 15 | 20 | DFT-64QAM | M | Outer_Full | 17.865 | 18.640 | PASS |
| N7 | 15 | 20 | DFT-256QAM | M | Outer_Full | 17.869 | 18.720 | PASS |
| N7 | 15 | 20 | CP-QPSK | M | Outer_Full | 18.875 | 19.800 | PASS |
| N7 | 15 | 20 | CP-16QAM | M | Outer_Full | 18.934 | 19.800 | PASS |
| N7 | 15 | 20 | CP-64QAM | M | Outer_Full | 18.959 | 19.840 | PASS |
| N7 | 15 | 20 | CP-256QAM | M | Outer_Full | 18.96 | 19.720 | PASS |
| N7 | 15 | 20 | DFT-QPSK | H | Outer_Full | 17.885 | 18.680 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.867 | 18.520 | PASS |
| N7 | 15 | 20 | DFT-16QAM | H | Outer_Full | 17.89 | 18.680 | PASS |
| N7 | 15 | 20 | DFT-64QAM | H | Outer_Full | 17.852 | 18.560 | PASS |
| N7 | 15 | 20 | DFT-256QAM | H | Outer_Full | 17.906 | 18.640 | PASS |

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| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| N7 | 15 | 20 | CP-QPSK | H | Outer_Full | 18.959 | 19.720 | PASS |
| N7 | 15 | 20 | CP-16QAM | H | Outer_Full | 18.972 | 19.760 | PASS |
| N7 | 15 | 20 | CP-64QAM | H | Outer_Full | 18.919 | 19.680 | PASS |
| N7 | 15 | 20 | CP-256QAM | H | Outer_Full | 18.941 | 19.800 | PASS |

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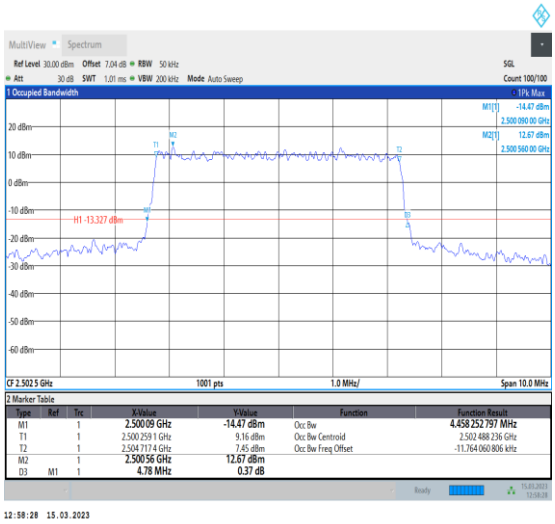
## Test Graphs

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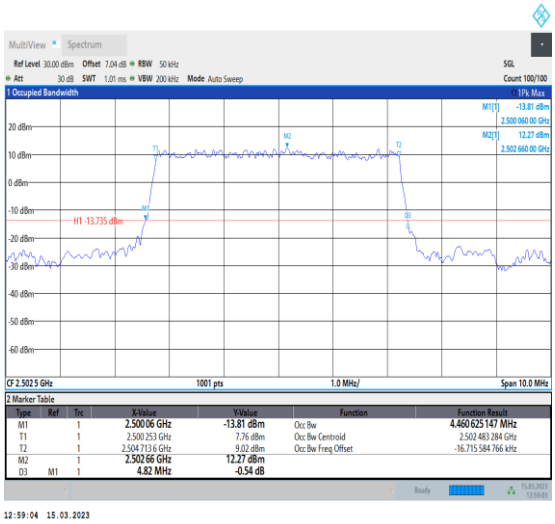


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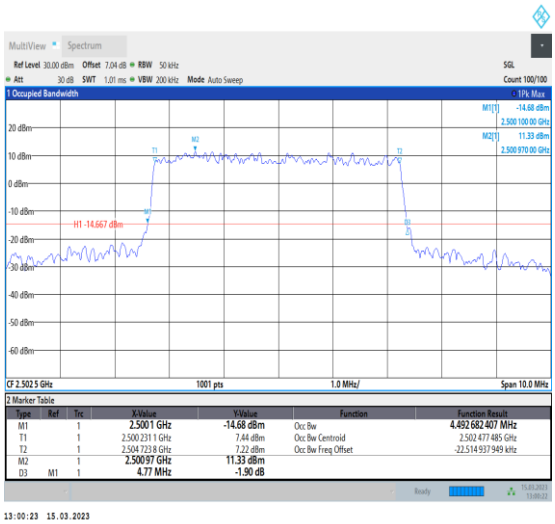


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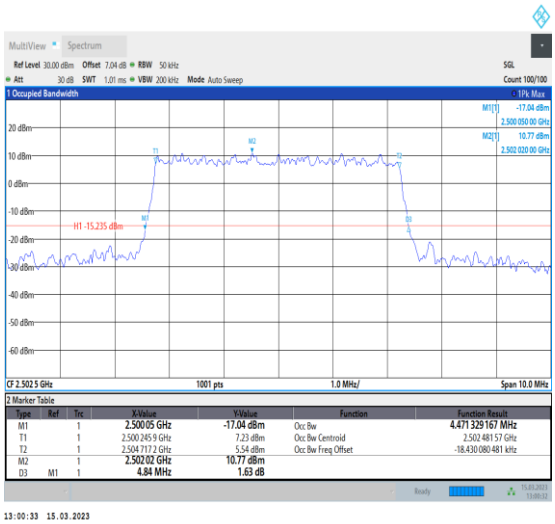


1-N7-PC3-15-5-L-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.471-4.840-≤5-PASS

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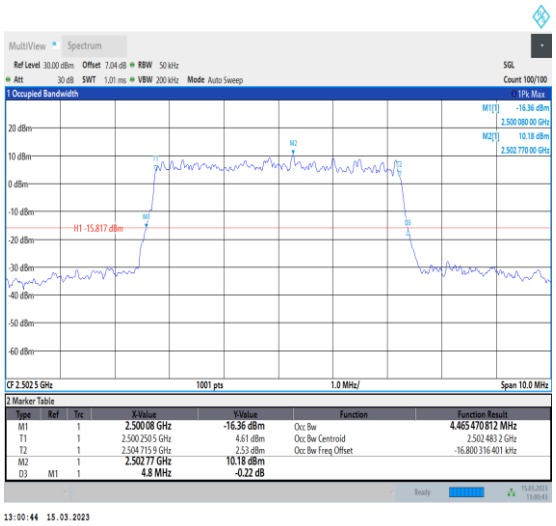


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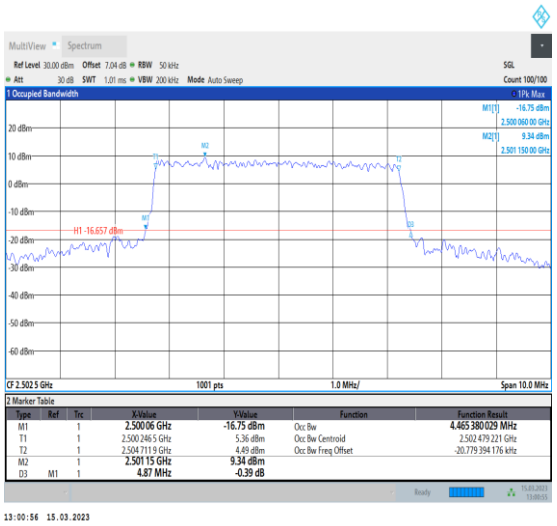


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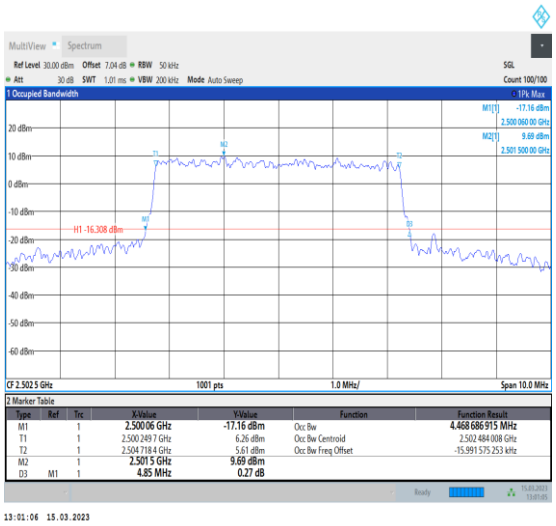


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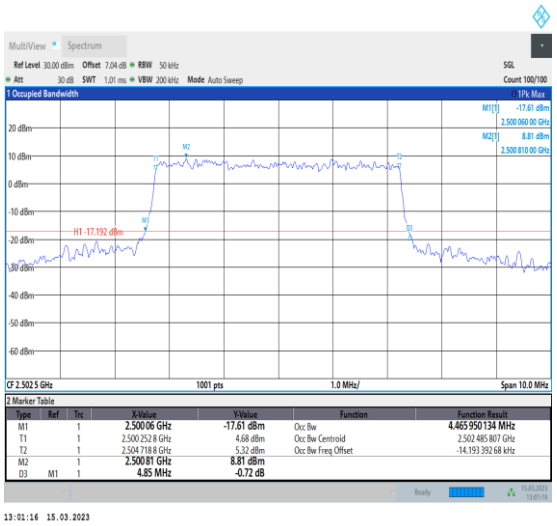


1-N7-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.466-4.850-≤5-PASS

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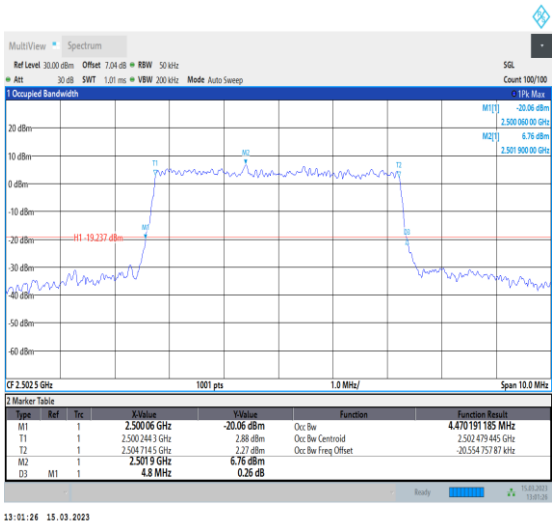


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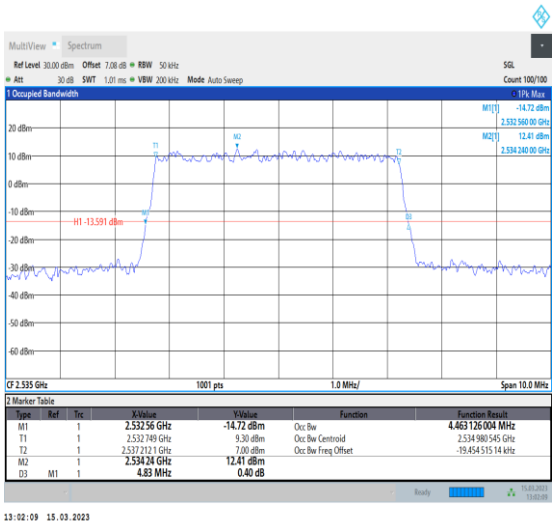


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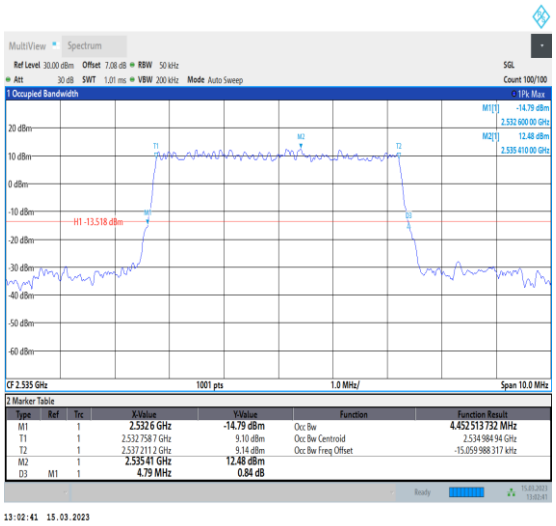


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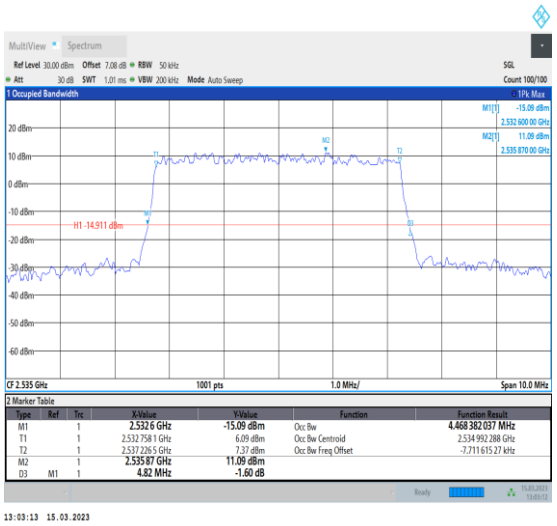


1-N7-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.468-4.820-≤5-PASS

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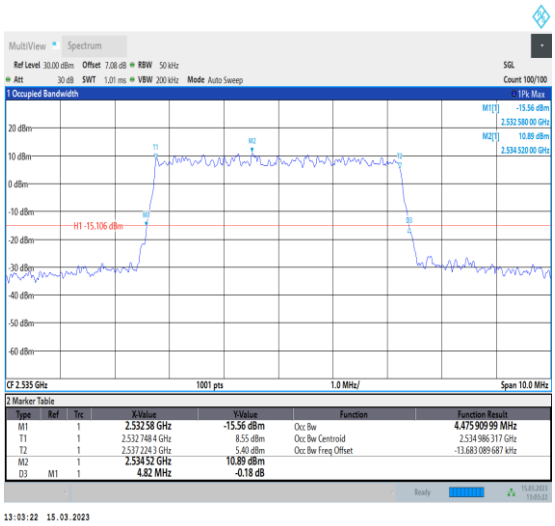


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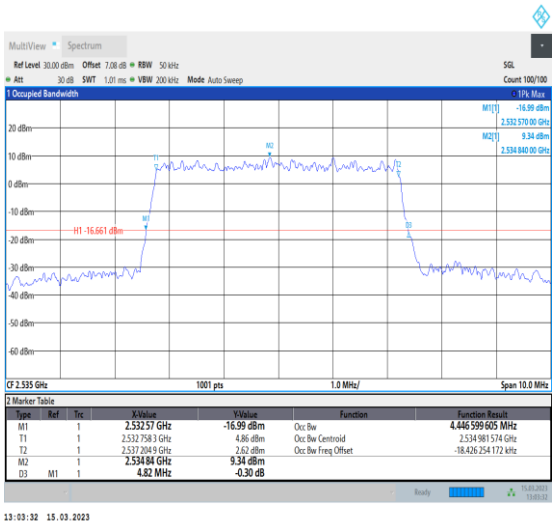


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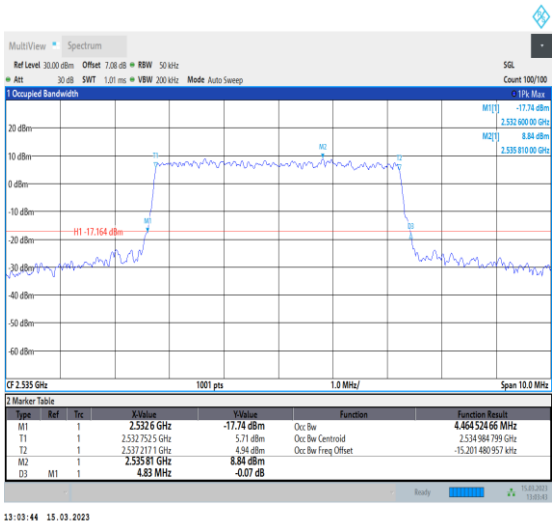


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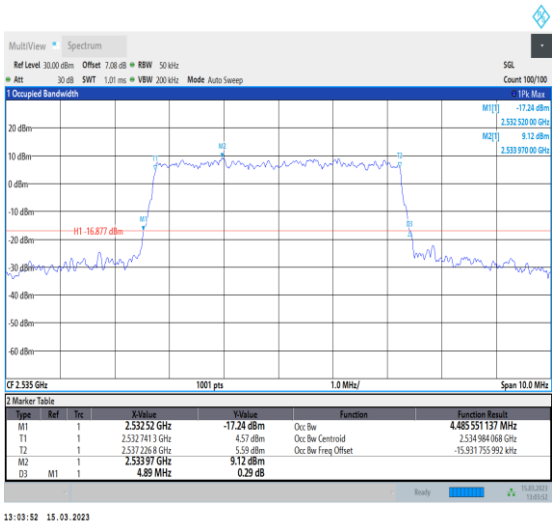


1-N7-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.486-4.890-≤5-PASS

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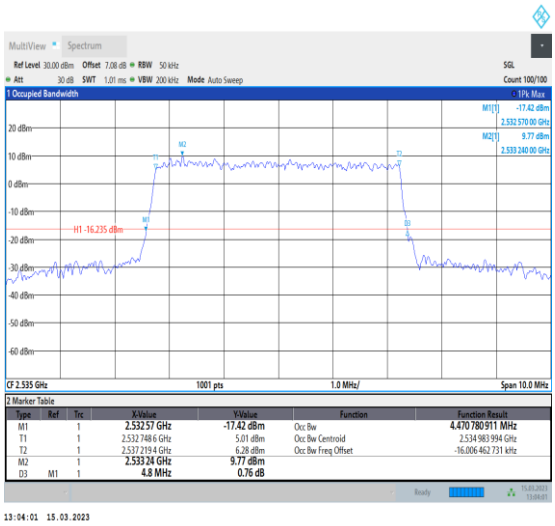
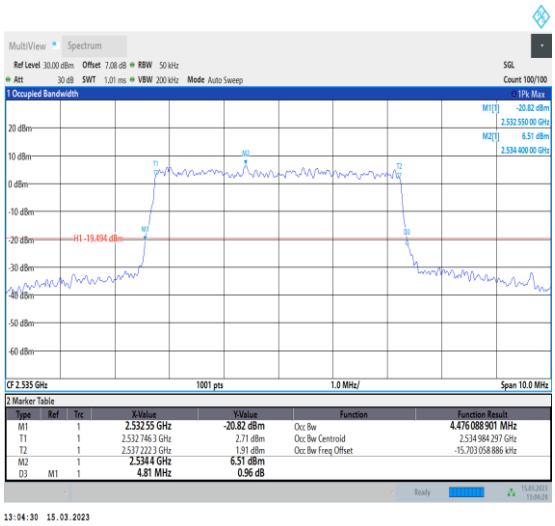



1-N7-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.471-4.800-≤5-PASS

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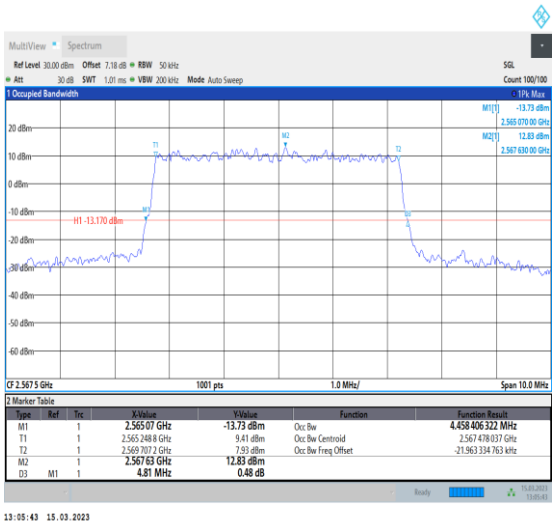


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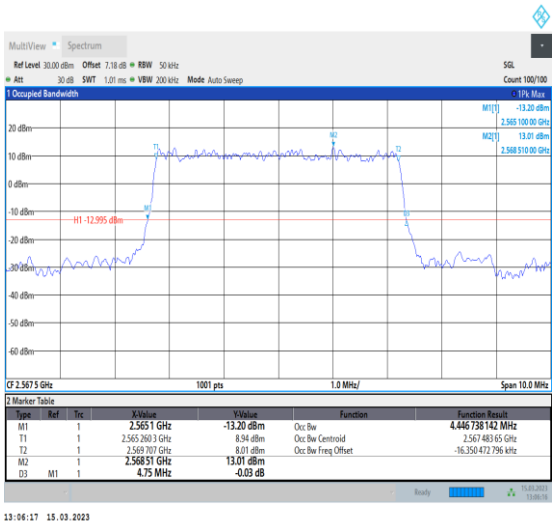


1-N7-PC3-15-5-H-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.447-4.750-≤5-PASS

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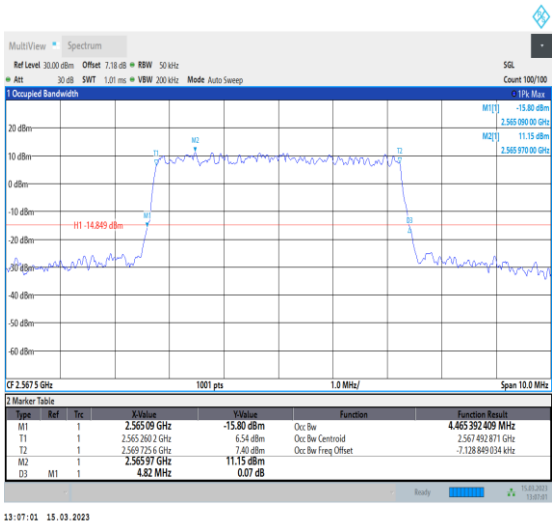


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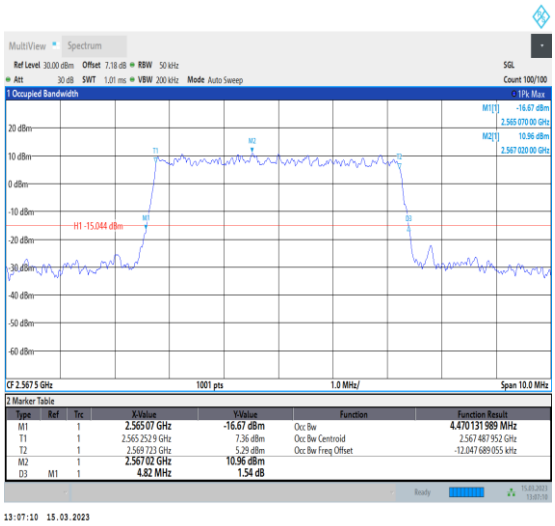


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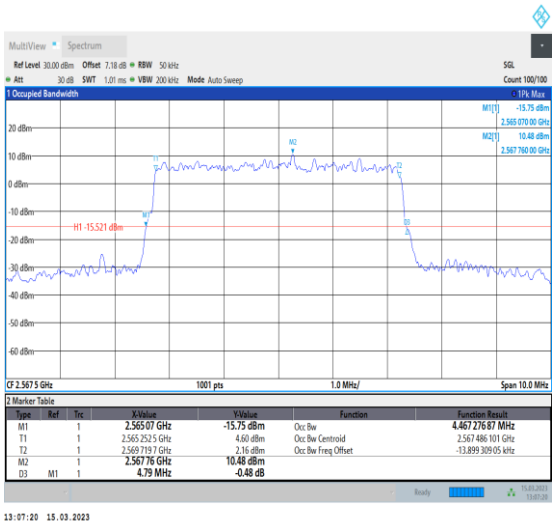


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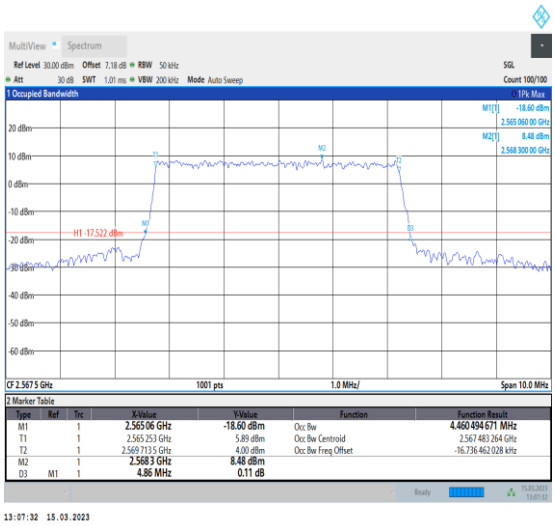


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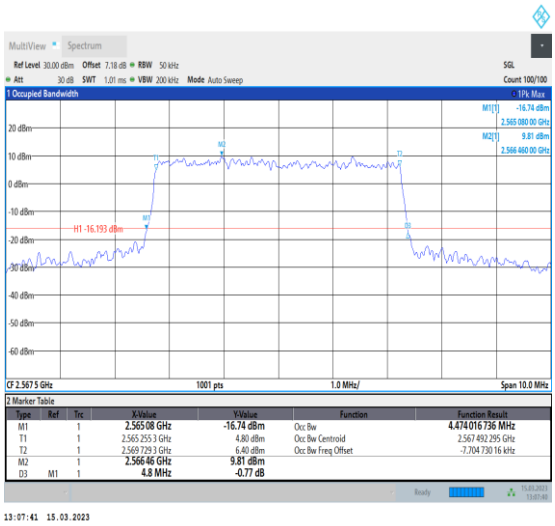


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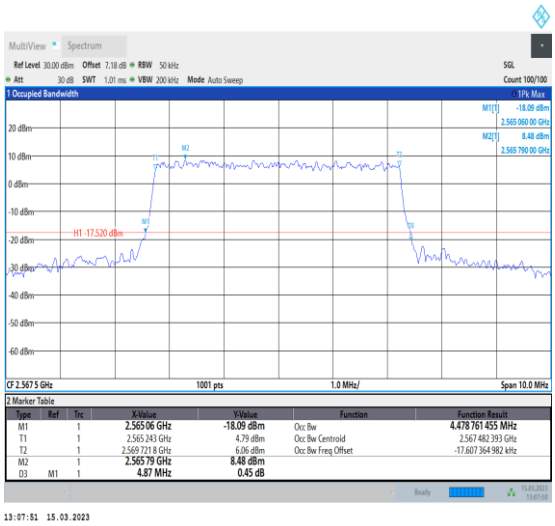


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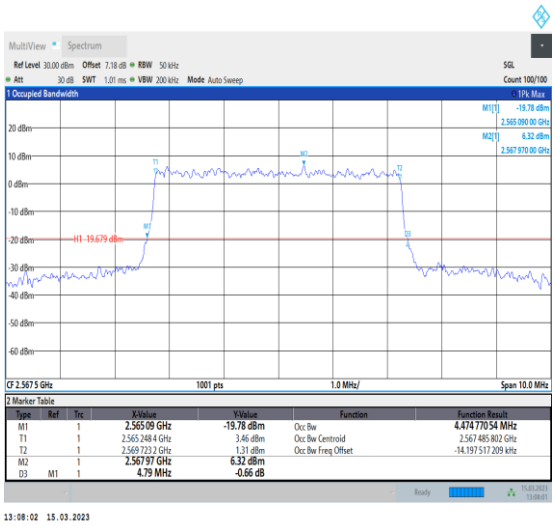


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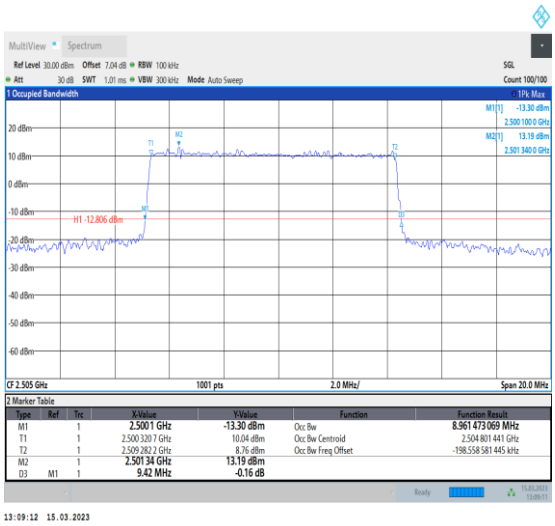


1-N7-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.961-9.420-≤10-PASS

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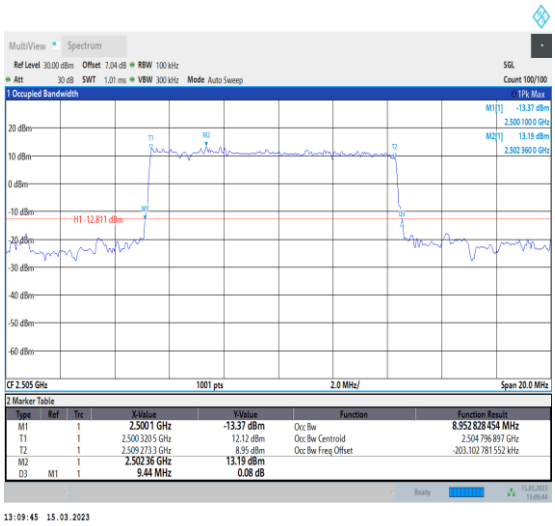


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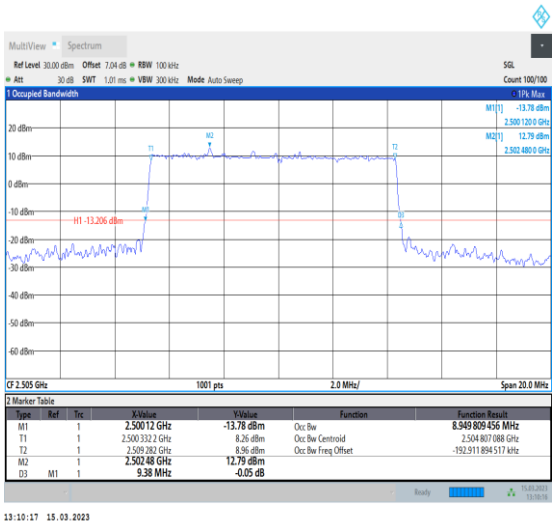


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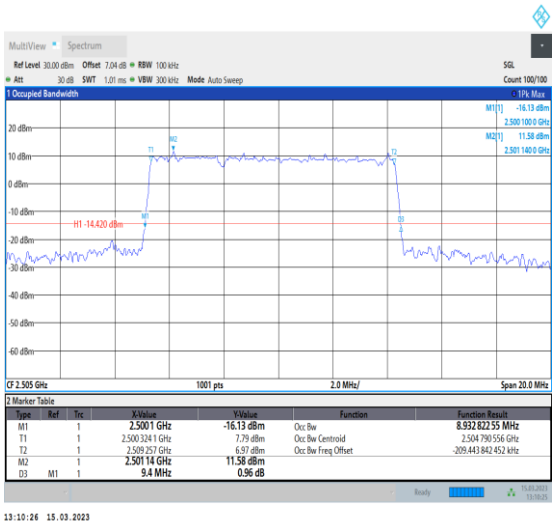


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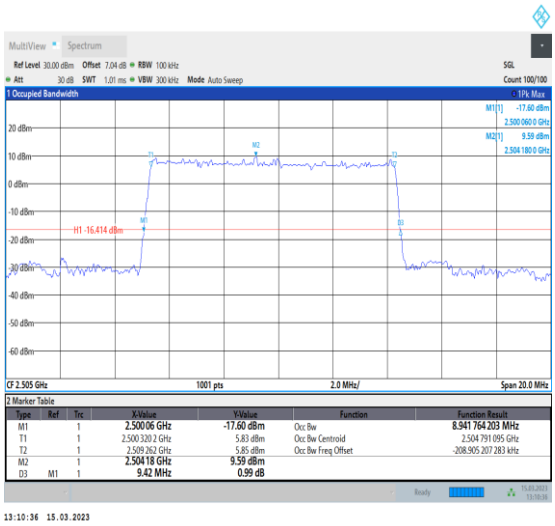


1-N7-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.942-9.420-≤10-PASS

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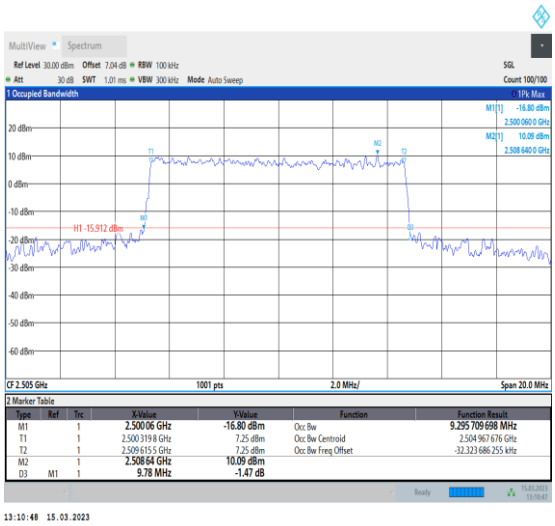


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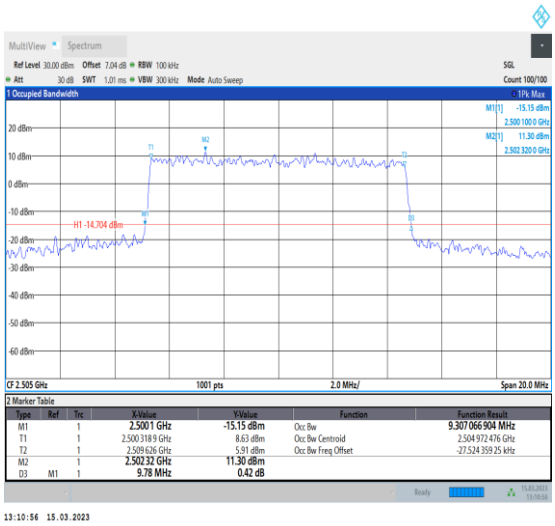


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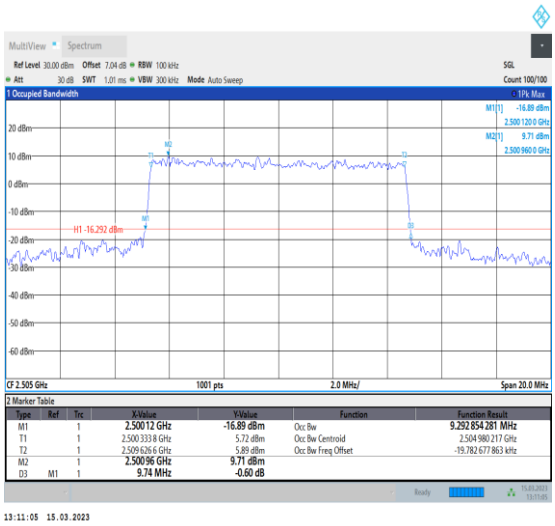


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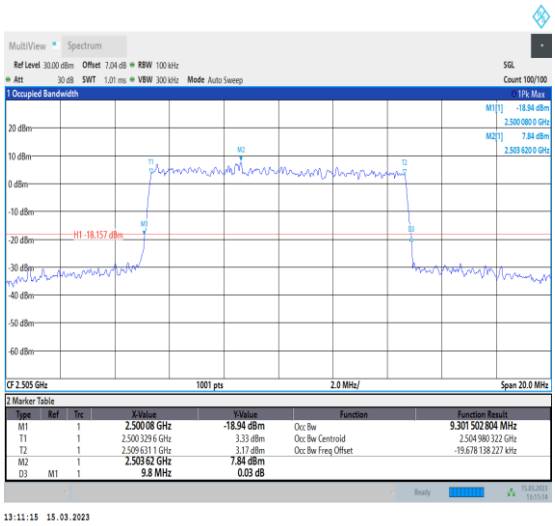


1-N7-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.302-9.800-≤10-PASS

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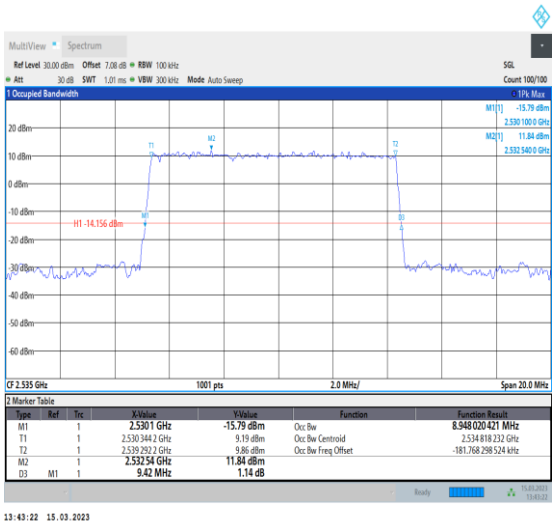


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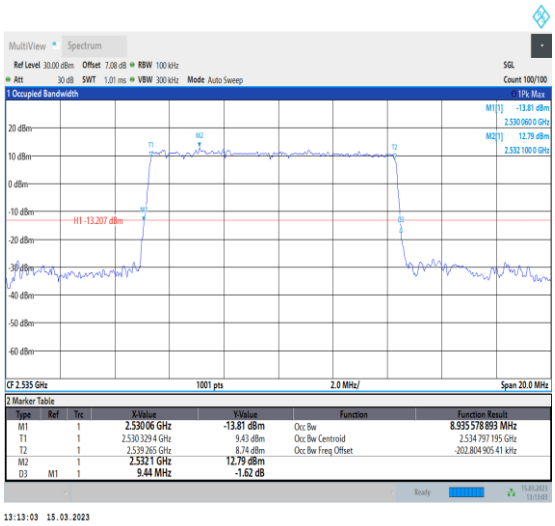


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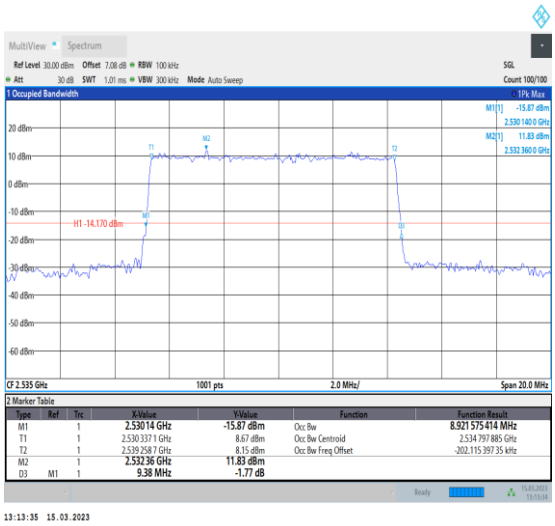


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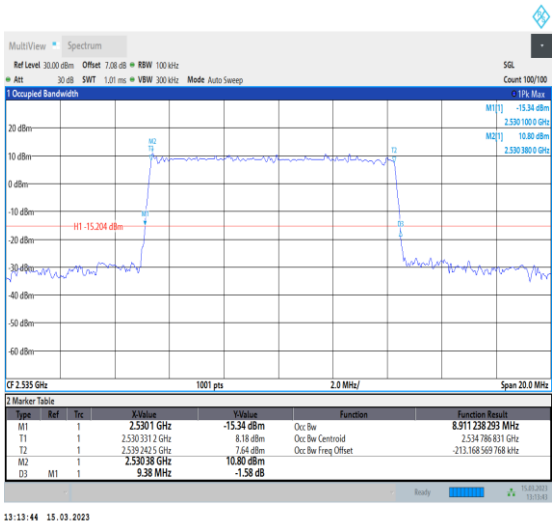


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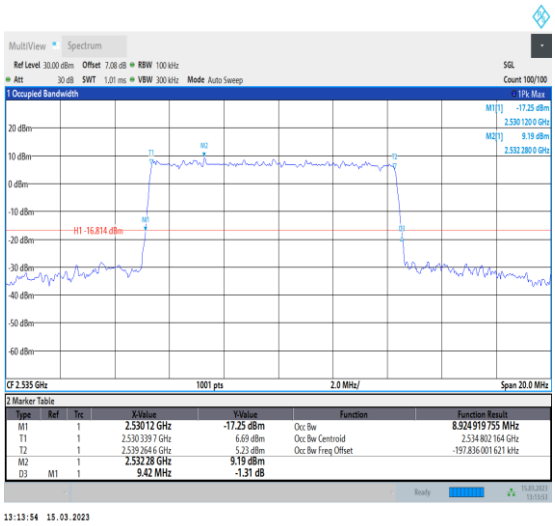


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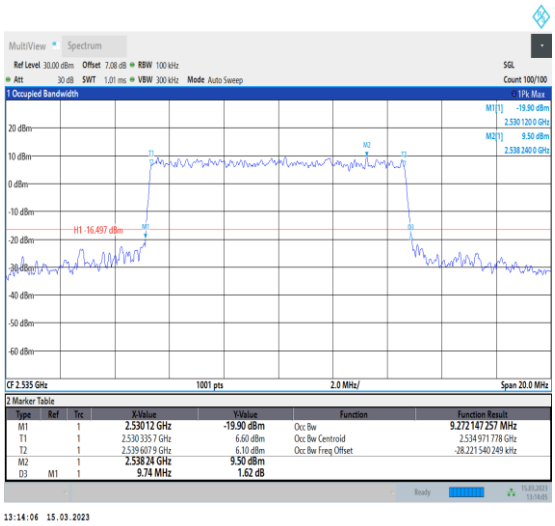


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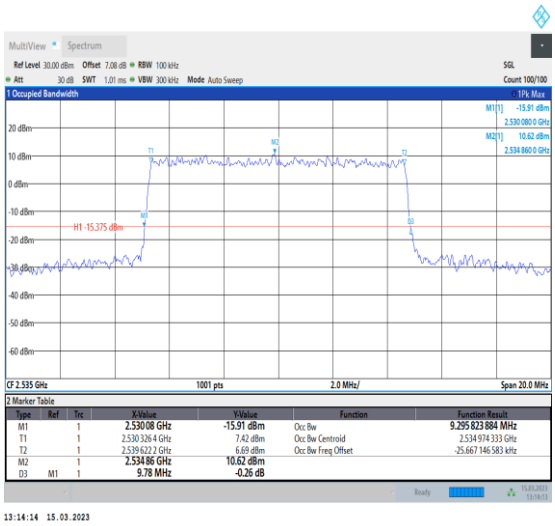


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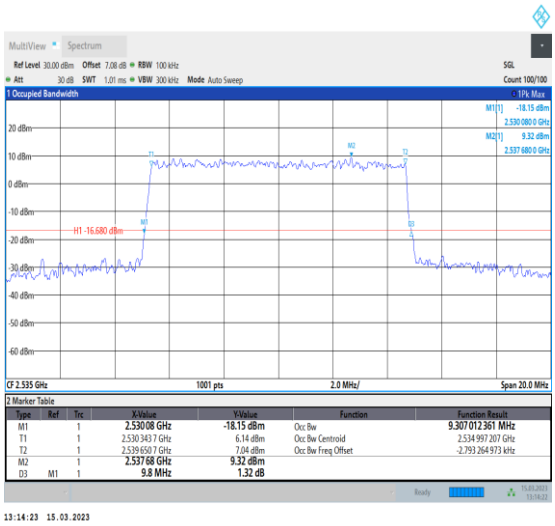


1-N7-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.307-9.800-≤10-PASS

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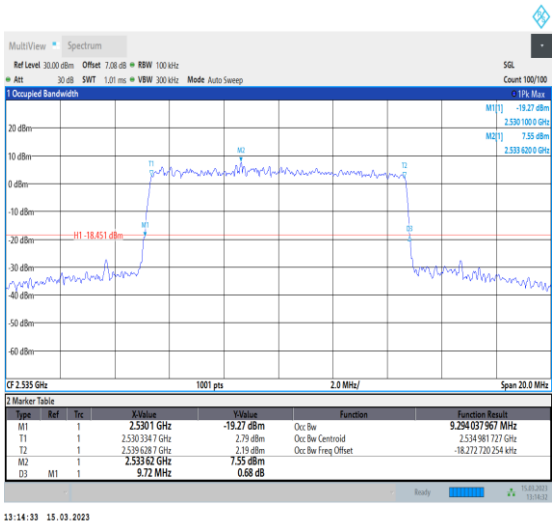
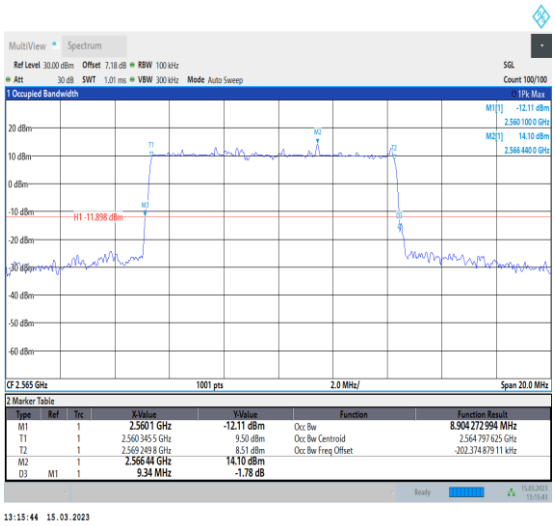



1-N7-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0-Ant1-9.294-9.720-≤10-PASS

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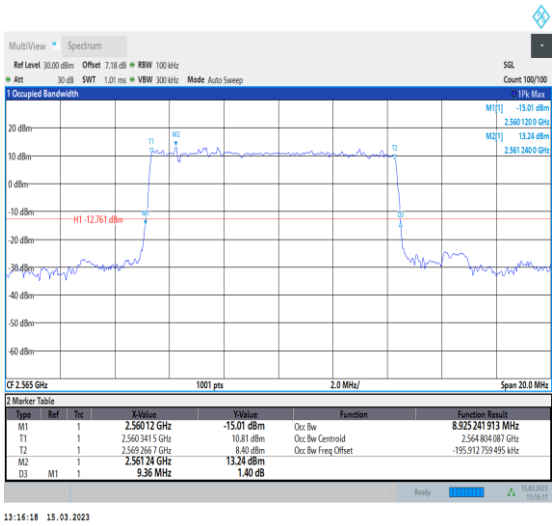


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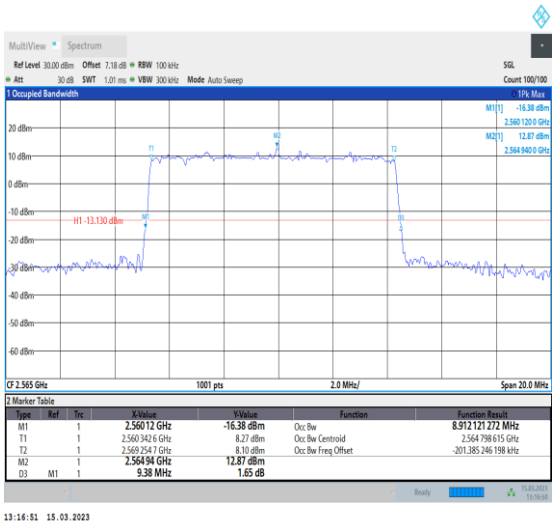


1-N7-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.912-9.380-≤10-PASS

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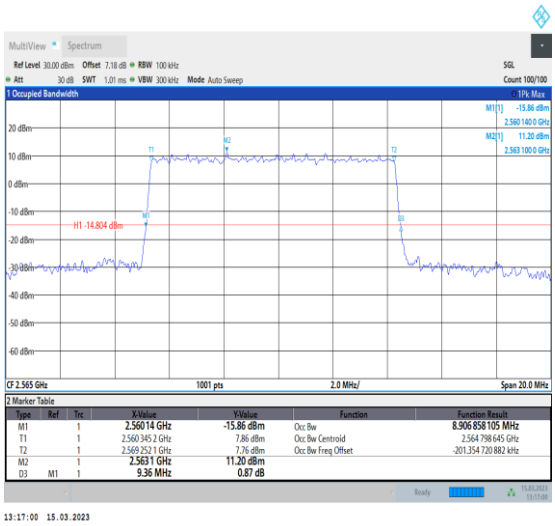


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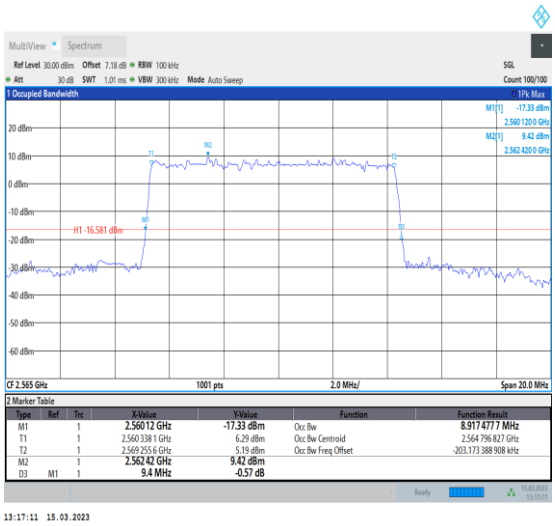
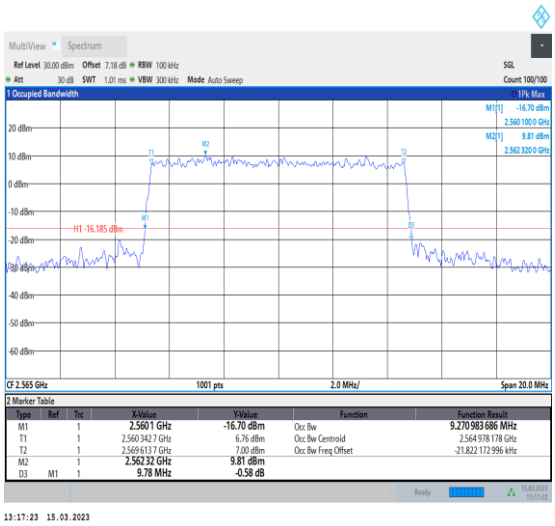
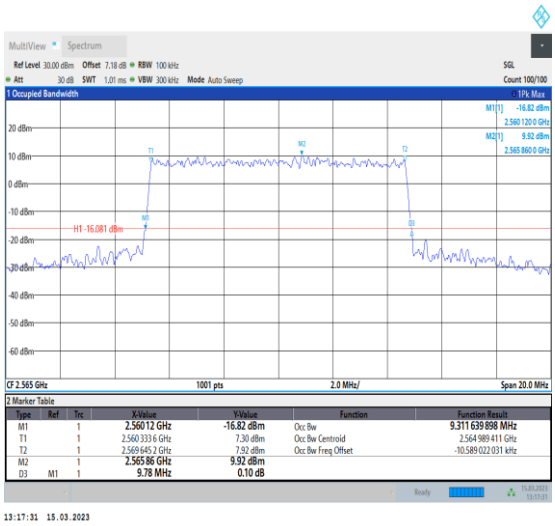



1-N7-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50@0-Ant1-8.917-9.400-≤10-PASS




1-N7-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant1-9.271-9.780-≤10-PASS




1-N7-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0-Ant1-9.312-9.780-≤10-PASS

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