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# Appendix B.22

## NR Band n7



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

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config       | Power (dBm) | EIRP (dBm) | LIMIT | Verdict |
|------|-----|-----------|-------------|---------|-----------------|-------------|------------|-------|---------|
| N7   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Left  | 23.48       | 25.38      | 33    | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Right | 23.48       | 25.38      | 33    | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full      | 23.02       | 24.92      | 33    | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Left  | 23.42       | 25.32      | 33    | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Right | 23.53       | 25.43      | 33    | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | L       | Outer_Full      | 22.56       | 24.46      | 33    | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Left  | 22.49       | 24.39      | 33    | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Right | 22.41       | 24.31      | 33    | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | L       | Outer_Full      | 21.59       | 23.49      | 33    | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Left  | 21.19       | 23.09      | 33    | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Right | 21.21       | 23.11      | 33    | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | L       | Outer_Full      | 21.06       | 22.96      | 33    | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Left  | 18.45       | 20.35      | 33    | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Right | 18.6        | 20.5       | 33    | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | L       | Outer_Full      | 19.02       | 20.92      | 33    | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Left  | 23.54       | 25.44      | 33    | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Right | 23.52       | 25.42      | 33    | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full      | 23.06       | 24.96      | 33    | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Left  | 23.42       | 25.32      | 33    | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Right | 23.46       | 25.36      | 33    | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | M       | Outer_Full      | 22.52       | 24.42      | 33    | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Left  | 22.41       | 24.31      | 33    | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Right | 22.47       | 24.37      | 33    | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | M       | Outer_Full      | 21.55       | 23.45      | 33    | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | M       | Inner_1RB_Left  | 21.18       | 23.08      | 33    | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | M       | Inner_1RB_Right | 21.26       | 23.16      | 33    | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | M       | Outer_Full      | 21.1        | 23         | 33    | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | M       | Inner_1RB_Left  | 18.49       | 20.39      | 33    | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | M       | Inner_1RB_Right | 18.53       | 20.43      | 33    | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | M       | Outer_Full      | 18.98       | 20.88      | 33    | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | H       | Inner_1RB_Left  | 23.52       | 25.42      | 33    | PASS    |



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|----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N7 | 15 | 5  | DFT-PI2BPSK | H | Inner_1RB_Right | 23.54 | 25.44 | 33 | PASS |
| N7 | 15 | 5  | DFT-PI2BPSK | H | Outer_Full      | 23.01 | 24.91 | 33 | PASS |
| N7 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Left  | 23.39 | 25.29 | 33 | PASS |
| N7 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Right | 23.43 | 25.33 | 33 | PASS |
| N7 | 15 | 5  | DFT-QPSK    | H | Outer_Full      | 22.52 | 24.42 | 33 | PASS |
| N7 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Left  | 22.49 | 24.39 | 33 | PASS |
| N7 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Right | 22.44 | 24.34 | 33 | PASS |
| N7 | 15 | 5  | DFT-16QAM   | H | Outer_Full      | 21.46 | 23.36 | 33 | PASS |
| N7 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Left  | 21.12 | 23.02 | 33 | PASS |
| N7 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Right | 21.21 | 23.11 | 33 | PASS |
| N7 | 15 | 5  | DFT-64QAM   | H | Outer_Full      | 20.97 | 22.87 | 33 | PASS |
| N7 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Left  | 18.33 | 20.23 | 33 | PASS |
| N7 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Right | 18.51 | 20.41 | 33 | PASS |
| N7 | 15 | 5  | DFT-256QAM  | H | Outer_Full      | 18.95 | 20.85 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.57 | 25.47 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.57 | 25.47 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full      | 23.09 | 24.99 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Left  | 23.47 | 25.37 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Right | 23.47 | 25.37 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | L | Outer_Full      | 22.56 | 24.46 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Left  | 22.42 | 24.32 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Right | 22.39 | 24.29 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | L | Outer_Full      | 21.59 | 23.49 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Left  | 21.14 | 23.04 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Right | 21.12 | 23.02 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | L | Outer_Full      | 21.12 | 23.02 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Left  | 18.39 | 20.29 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Right | 18.57 | 20.47 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | L | Outer_Full      | 19.03 | 20.93 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.58 | 25.48 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.54 | 25.44 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full      | 23.1  | 25    | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Left  | 23.43 | 25.33 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Right | 23.42 | 25.32 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | M | Outer_Full      | 22.54 | 24.44 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Left  | 22.44 | 24.34 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Right | 22.43 | 24.33 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | M | Outer_Full      | 21.53 | 23.43 | 33 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N7 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Left  | 21.01 | 22.91 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Right | 21.28 | 23.18 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | M | Outer_Full      | 21.09 | 22.99 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Left  | 18.52 | 20.42 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Right | 18.52 | 20.42 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | M | Outer_Full      | 19.02 | 20.92 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.39 | 25.29 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.55 | 25.45 | 33 | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full      | 23.02 | 24.92 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Left  | 23.3  | 25.2  | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Right | 23.39 | 25.29 | 33 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | H | Outer_Full      | 22.51 | 24.41 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 22.31 | 24.21 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 22.39 | 24.29 | 33 | PASS |
| N7 | 15 | 10 | DFT-16QAM   | H | Outer_Full      | 21.41 | 23.31 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 21.07 | 22.97 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 21.23 | 23.13 | 33 | PASS |
| N7 | 15 | 10 | DFT-64QAM   | H | Outer_Full      | 20.98 | 22.88 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 18.34 | 20.24 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 18.52 | 20.42 | 33 | PASS |
| N7 | 15 | 10 | DFT-256QAM  | H | Outer_Full      | 18.92 | 20.82 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.72 | 25.62 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.78 | 25.68 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full      | 23.29 | 25.19 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Left  | 23.56 | 25.46 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Right | 23.66 | 25.56 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | L | Outer_Full      | 22.76 | 24.66 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Left  | 22.59 | 24.49 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Right | 22.58 | 24.48 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | L | Outer_Full      | 21.8  | 23.7  | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Left  | 21.41 | 23.31 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Right | 21.36 | 23.26 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | L | Outer_Full      | 21.24 | 23.14 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Left  | 18.66 | 20.56 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Right | 18.73 | 20.63 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | L | Outer_Full      | 19.18 | 21.08 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.8  | 25.7  | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.75 | 25.65 | 33 | PASS |



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| N7 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full      | 23.35 | 25.25 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Left  | 23.72 | 25.62 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Right | 23.67 | 25.57 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | M | Outer_Full      | 22.86 | 24.76 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Left  | 22.68 | 24.58 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Right | 22.6  | 24.5  | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | M | Outer_Full      | 21.89 | 23.79 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Left  | 21.38 | 23.28 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Right | 21.43 | 23.33 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | M | Outer_Full      | 21.41 | 23.31 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Left  | 18.66 | 20.56 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Right | 18.7  | 20.6  | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | M | Outer_Full      | 19.32 | 21.22 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.56 | 25.46 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.65 | 25.55 | 33 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full      | 23.1  | 25    | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Left  | 23.41 | 25.31 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Right | 23.51 | 25.41 | 33 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | H | Outer_Full      | 22.56 | 24.46 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Left  | 22.44 | 24.34 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Right | 22.51 | 24.41 | 33 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | H | Outer_Full      | 21.61 | 23.51 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Left  | 21.14 | 23.04 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Right | 21.22 | 23.12 | 33 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | H | Outer_Full      | 21.1  | 23    | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Left  | 18.49 | 20.39 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Right | 18.45 | 20.35 | 33 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | H | Outer_Full      | 19.02 | 20.92 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.63 | 25.53 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.69 | 25.59 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full      | 23.29 | 25.19 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Left  | 23.53 | 25.43 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Right | 23.58 | 25.48 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | L | Outer_Full      | 22.76 | 24.66 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Left  | 22.49 | 24.39 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Right | 22.6  | 24.5  | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | L | Outer_Full      | 21.78 | 23.68 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Left  | 21.31 | 23.21 | 33 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N7 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Right | 21.38 | 23.28 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | L | Outer_Full      | 21.4  | 23.3  | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Left  | 18.64 | 20.54 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Right | 18.72 | 20.62 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | L | Outer_Full      | 19.3  | 21.2  | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.75 | 25.65 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.63 | 25.53 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full      | 23.32 | 25.22 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Left  | 23.52 | 25.42 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Right | 23.62 | 25.52 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | M | Outer_Full      | 22.8  | 24.7  | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 22.64 | 24.54 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 22.54 | 24.44 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | M | Outer_Full      | 21.77 | 23.67 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 21.44 | 23.34 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 21.42 | 23.32 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | M | Outer_Full      | 21.36 | 23.26 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 18.75 | 20.65 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 18.67 | 20.57 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | M | Outer_Full      | 19.29 | 21.19 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.49 | 25.39 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.58 | 25.48 | 33 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full      | 23.06 | 24.96 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 23.52 | 25.42 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 23.63 | 25.53 | 33 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | H | Outer_Full      | 22.52 | 24.42 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 22.32 | 24.22 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 22.53 | 24.43 | 33 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | H | Outer_Full      | 21.54 | 23.44 | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 21.1  | 23    | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 21.3  | 23.2  | 33 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | H | Outer_Full      | 21.1  | 23    | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 18.49 | 20.39 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 18.62 | 20.52 | 33 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | H | Outer_Full      | 19.1  | 21    | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.79 | 25.69 | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.72 | 25.62 | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | L | Outer_Full      | 23.25 | 25.15 | 33 | PASS |



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|----|----|----|-------------|---|-----------------|--------|--------|----|------|
| N7 | 15 | 25 | DFT-QPSK    | L | Inner_1RB_Left  | 23.67  | 25.57  | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | L | Inner_1RB_Right | 23.6   | 25.5   | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | L | Outer_Full      | 22.7   | 24.6   | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | L | Inner_1RB_Left  | 22.54  | 24.44  | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | L | Inner_1RB_Right | 22.56  | 24.46  | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | L | Outer_Full      | 21.81  | 23.71  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | L | Inner_1RB_Left  | 21.36  | 23.26  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | L | Inner_1RB_Right | 21.36  | 23.26  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | L | Outer_Full      | 21.27  | 23.17  | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | L | Inner_1RB_Left  | 18.61  | 20.51  | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | L | Inner_1RB_Right | 18.67  | 20.57  | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | L | Outer_Full      | 19.31  | 21.21  | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.73  | 25.63  | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.76  | 25.66  | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | M | Outer_Full      | 23.28  | 25.18  | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | M | Inner_1RB_Left  | 23.64  | 25.54  | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | M | Inner_1RB_Right | 23.62  | 25.52  | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | M | Outer_Full      | 22.8   | 24.7   | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | M | Inner_1RB_Left  | 22.36  | 24.26  | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | M | Inner_1RB_Right | 22.52  | 24.42  | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | M | Outer_Full      | 21.76  | 23.66  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | M | Inner_1RB_Left  | 21.43  | 23.33  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | M | Inner_1RB_Right | 21.38  | 23.28  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | M | Outer_Full      | 21.25  | 23.15  | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | M | Inner_1RB_Left  | 18.62  | 20.52  | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | M | Inner_1RB_Right | 18.66  | 20.56  | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | M | Outer_Full      | 19.32  | 21.22  | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.56  | 25.46  | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.56  | 25.46  | 33 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | H | Outer_Full      | 23.333 | 25.233 | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | H | Inner_1RB_Left  | 23.42  | 25.32  | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | H | Inner_1RB_Right | 23.57  | 25.47  | 33 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | H | Outer_Full      | 22.51  | 24.41  | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | H | Inner_1RB_Left  | 22.47  | 24.37  | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | H | Inner_1RB_Right | 22.57  | 24.47  | 33 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | H | Outer_Full      | 21.49  | 23.39  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | H | Inner_1RB_Left  | 21.26  | 23.16  | 33 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | H | Inner_1RB_Right | 21.32  | 23.22  | 33 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N7 | 15 | 25 | DFT-64QAM   | H | Outer_Full      | 21    | 22.9  | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | H | Inner_1RB_Left  | 18.57 | 20.47 | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | H | Inner_1RB_Right | 18.63 | 20.53 | 33 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | H | Outer_Full      | 19.06 | 20.96 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.77 | 25.67 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.83 | 25.73 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | L | Outer_Full      | 23.3  | 25.2  | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | L | Inner_1RB_Left  | 23.65 | 25.55 | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | L | Inner_1RB_Right | 23.75 | 25.65 | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | L | Outer_Full      | 22.8  | 24.7  | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | L | Inner_1RB_Left  | 22.57 | 24.47 | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | L | Inner_1RB_Right | 22.74 | 24.64 | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | L | Outer_Full      | 21.77 | 23.67 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | L | Inner_1RB_Left  | 21.37 | 23.27 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | L | Inner_1RB_Right | 21.41 | 23.31 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | L | Outer_Full      | 21.3  | 23.2  | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | L | Inner_1RB_Left  | 18.71 | 20.61 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | L | Inner_1RB_Right | 18.78 | 20.68 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | L | Outer_Full      | 19.31 | 21.21 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.73 | 25.63 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.67 | 25.57 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | M | Outer_Full      | 23.36 | 25.26 | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | M | Inner_1RB_Left  | 23.63 | 25.53 | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | M | Inner_1RB_Right | 23.59 | 25.49 | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | M | Outer_Full      | 22.83 | 24.73 | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | M | Inner_1RB_Left  | 22.67 | 24.57 | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | M | Inner_1RB_Right | 22.6  | 24.5  | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | M | Outer_Full      | 21.83 | 23.73 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | M | Inner_1RB_Left  | 21.45 | 23.35 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | M | Inner_1RB_Right | 21.35 | 23.25 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | M | Outer_Full      | 21.42 | 23.32 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | M | Inner_1RB_Left  | 18.76 | 20.66 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | M | Inner_1RB_Right | 18.72 | 20.62 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | M | Outer_Full      | 19.34 | 21.24 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.7  | 25.6  | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.74 | 25.64 | 33 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | H | Outer_Full      | 23.22 | 25.12 | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | H | Inner_1RB_Left  | 23.53 | 25.43 | 33 | PASS |



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| N7 | 15 | 30 | DFT-QPSK    | H | Inner_1RB_Right | 23.63 | 25.53 | 33 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | H | Outer_Full      | 22.71 | 24.61 | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | H | Inner_1RB_Left  | 22.56 | 24.46 | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | H | Inner_1RB_Right | 22.61 | 24.51 | 33 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | H | Outer_Full      | 21.74 | 23.64 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | H | Inner_1RB_Left  | 21.33 | 23.23 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | H | Inner_1RB_Right | 21.41 | 23.31 | 33 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | H | Outer_Full      | 21.27 | 23.17 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | H | Inner_1RB_Left  | 18.75 | 20.65 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | H | Inner_1RB_Right | 18.71 | 20.61 | 33 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | H | Outer_Full      | 19.23 | 21.13 | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.71 | 25.61 | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.83 | 25.73 | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | L | Outer_Full      | 23.3  | 25.2  | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | L | Inner_1RB_Left  | 23.66 | 25.56 | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | L | Inner_1RB_Right | 23.68 | 25.58 | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | L | Outer_Full      | 22.74 | 24.64 | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | L | Inner_1RB_Left  | 22.5  | 24.4  | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | L | Inner_1RB_Right | 22.62 | 24.52 | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | L | Outer_Full      | 21.76 | 23.66 | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | L | Inner_1RB_Left  | 21.29 | 23.19 | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | L | Inner_1RB_Right | 21.41 | 23.31 | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | L | Outer_Full      | 21.31 | 23.21 | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | L | Inner_1RB_Left  | 18.7  | 20.6  | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | L | Inner_1RB_Right | 18.87 | 20.77 | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | L | Outer_Full      | 19.29 | 21.19 | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.72 | 25.62 | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.8  | 25.7  | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full      | 23.3  | 25.2  | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | M | Inner_1RB_Left  | 23.62 | 25.52 | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | M | Inner_1RB_Right | 23.72 | 25.62 | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | M | Outer_Full      | 22.82 | 24.72 | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | M | Inner_1RB_Left  | 22.58 | 24.48 | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | M | Inner_1RB_Right | 22.69 | 24.59 | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | M | Outer_Full      | 21.79 | 23.69 | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | M | Inner_1RB_Left  | 21.45 | 23.35 | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | M | Inner_1RB_Right | 21.48 | 23.38 | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | M | Outer_Full      | 21.39 | 23.29 | 33 | PASS |



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|    |    |    |             |   |                 |       |       |    |      |
|----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N7 | 15 | 40 | DFT-256QAM  | M | Inner_1RB_Left  | 18.81 | 20.71 | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | M | Inner_1RB_Right | 18.92 | 20.82 | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | M | Outer_Full      | 19.37 | 21.27 | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.7  | 25.6  | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.81 | 25.71 | 33 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | H | Outer_Full      | 23.15 | 25.05 | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | H | Inner_1RB_Left  | 23.63 | 25.53 | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | H | Inner_1RB_Right | 23.63 | 25.53 | 33 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | H | Outer_Full      | 22.64 | 24.54 | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | H | Inner_1RB_Left  | 22.6  | 24.5  | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | H | Inner_1RB_Right | 22.56 | 24.46 | 33 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | H | Outer_Full      | 21.62 | 23.52 | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | H | Inner_1RB_Left  | 21.4  | 23.3  | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | H | Inner_1RB_Right | 21.5  | 23.4  | 33 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | H | Outer_Full      | 21.21 | 23.11 | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | H | Inner_1RB_Left  | 18.8  | 20.7  | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | H | Inner_1RB_Right | 18.82 | 20.72 | 33 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | H | Outer_Full      | 19.19 | 21.09 | 33 | PASS |



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## Peak-to-Average Ratio for SA

### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config  | DutyCycle | Factor | Result | Limit | Verdict |
|------|-----|-----------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N7   | 15  | 40        | DFT-256QAM | L       | Outer_Full | 100%      | 0.00   | 9.08   | ≤13   | PASS    |
| N7   | 15  | 40        | CP-256QAM  | L       | Outer_Full | 100%      | 0.00   | 9.43   | ≤13   | PASS    |
| N7   | 15  | 40        | DFT-256QAM | M       | Outer_Full | 100%      | 0.00   | 9.02   | ≤13   | PASS    |
| N7   | 15  | 40        | CP-256QAM  | M       | Outer_Full | 100%      | 0.00   | 9.60   | ≤13   | PASS    |
| N7   | 15  | 40        | DFT-256QAM | H       | Outer_Full | 100%      | 0.00   | 8.93   | ≤13   | PASS    |
| N7   | 15  | 40        | CP-256QAM  | H       | Outer_Full | 100%      | 0.00   | 9.48   | ≤13   | PASS    |



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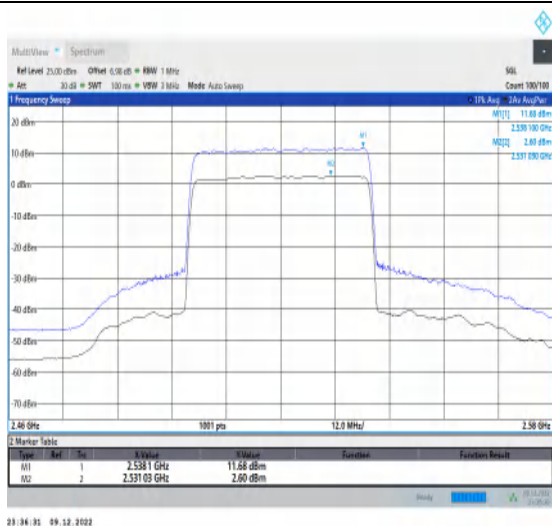
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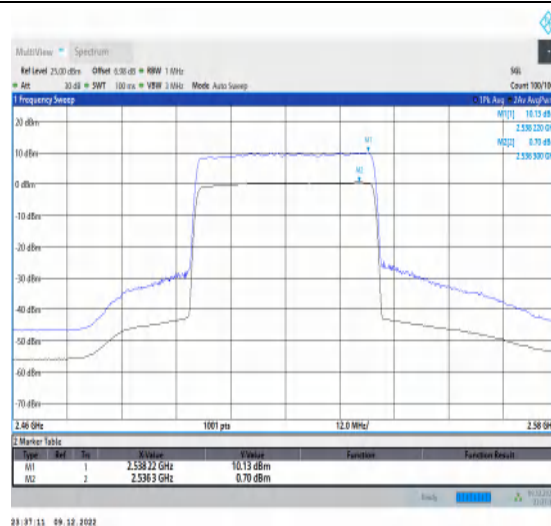
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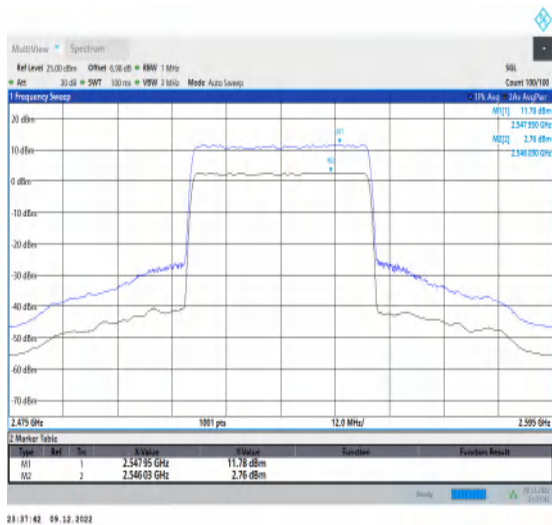
### Test Graphs



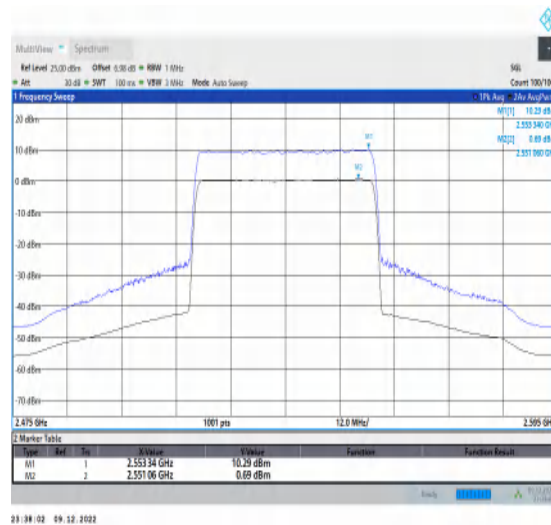
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t1-9.08-100%-0.00-9.08-PASS-≤13



1-N7-15-40-L-2-CP-256QAM-Outer\_Full-216@0-Ant  
1-9.43-100%-0.00-9.43-PASS-≤13



1-N7-15-40-M-1-DFT-256QAM-Outer\_Full-216@0-Ant  
nt1-9.02-100%-0.00-9.02-PASS-≤13



1-N7-15-40-M-2-CP-256QAM-Outer\_Full-216@0-Ant  
t1-9.60-100%-0.00-9.60-PASS-≤13



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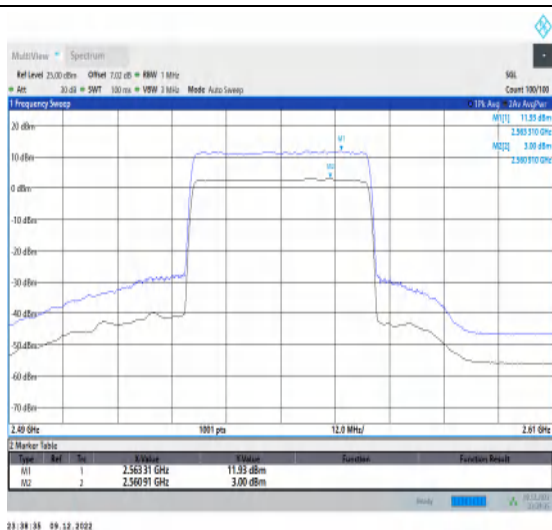
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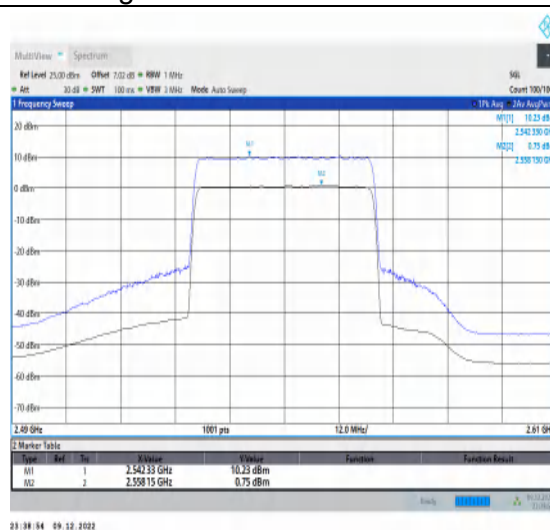
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1-N7-15-40-H-1-DFT-256QAM-Outer\_Full-216@0-An  
t1-8.93-100%-0.00-8.93-PASS-≤13



1-N7-15-40-H-2-CP-256QAM-Outer\_Full-216@0-An  
t1-9.48-100%-0.00-9.48-PASS-≤13



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## Modulation characteristics for SA

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result    | Verdict |
|------|-----|-----------|-------------|---------|------------|-----------|---------|
| N7   | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | DFT-QPSK    | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | DFT-16QAM   | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | DFT-64QAM   | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | DFT-256QAM  | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | CP-QPSK     | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | CP-16QAM    | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | CP-64QAM    | M       | Outer_Full | see graph | PASS    |
| N7   | 15  | 40        | CP-256QAM   | M       | Outer_Full | see graph | PASS    |



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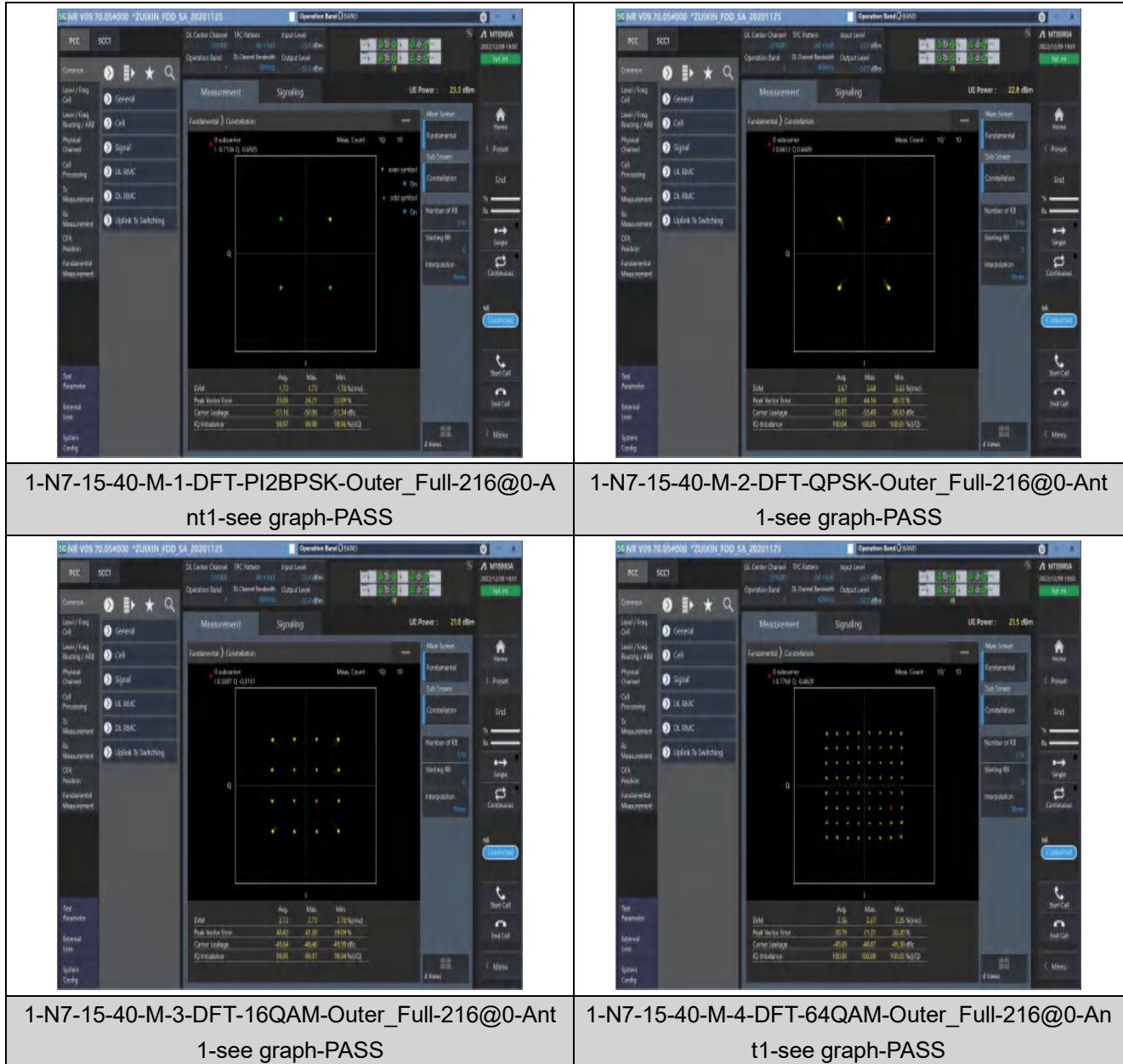
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### Test Graphs



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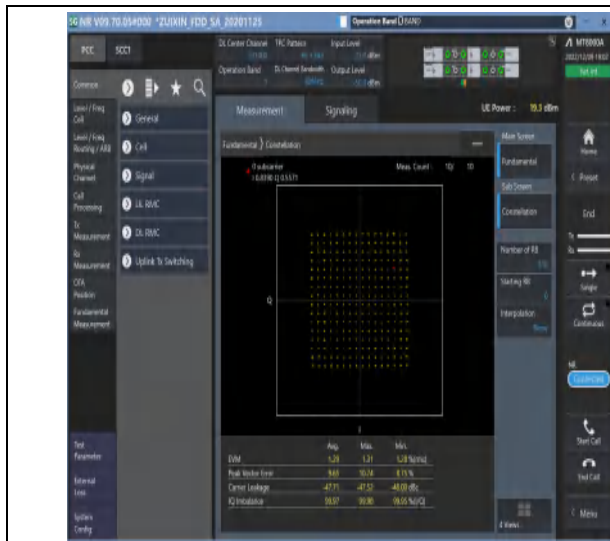
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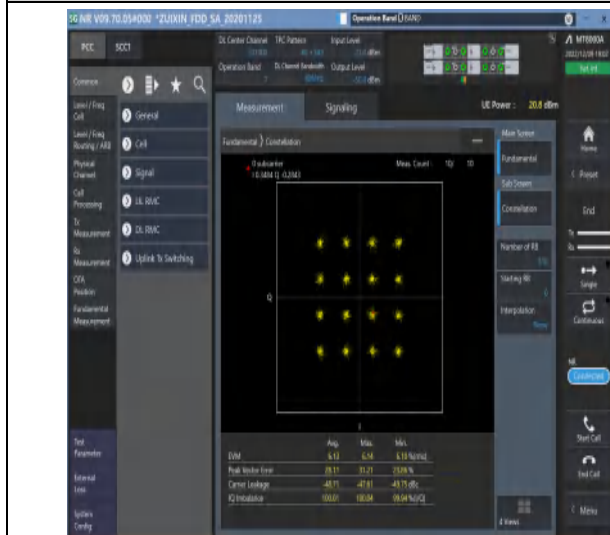
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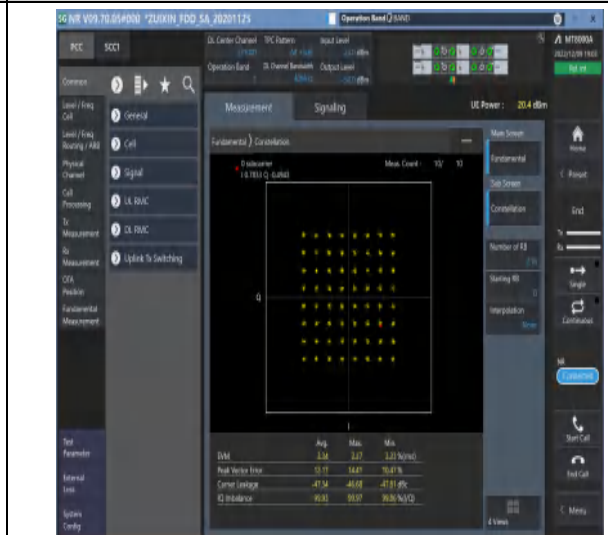
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t1-see graph-PASS



1-N7-15-40-M-6-CP-QPSK-Outer\_Full-216@0-Ant1  
-see graph-PASS



1-N7-15-40-M-7-CP-16QAM-Outer\_Full-216@0-Ant1-  
see graph-PASS



1-N7-15-40-M-8-CP-64QAM-Outer\_Full-216@0-Ant  
1-see graph-PASS



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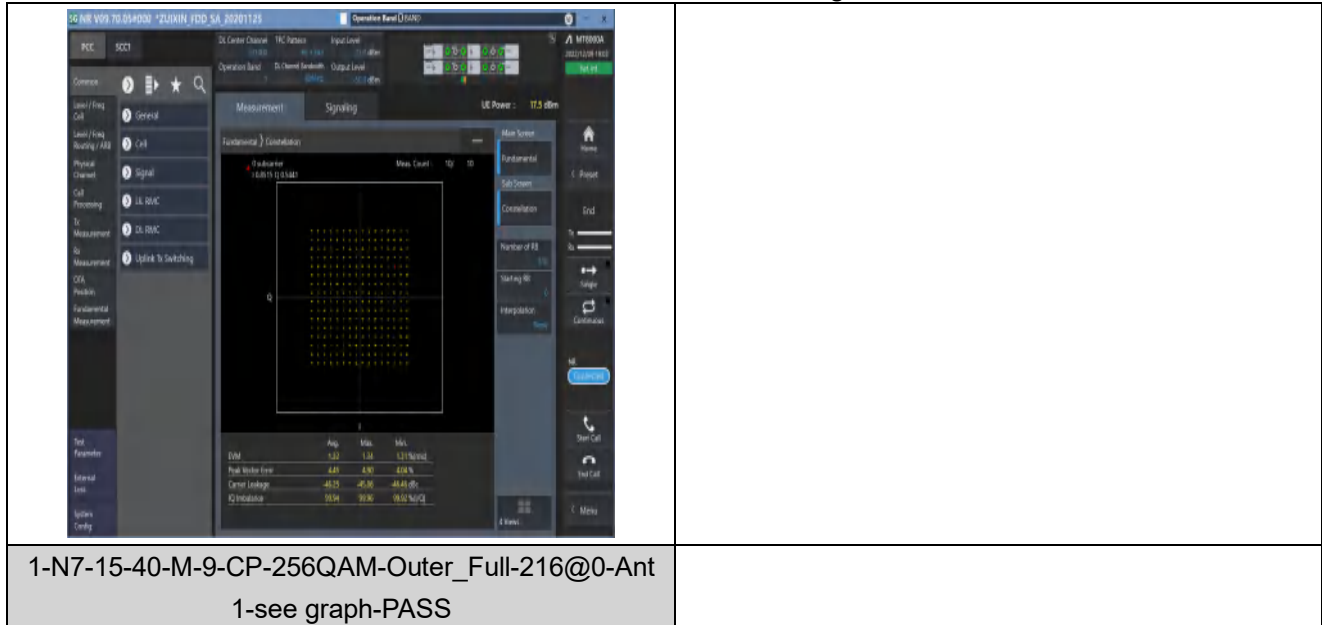
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## 26dB Bandwidth and Occupied Bandwidth for SA

### Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config  | Result (99%) | Result (26dB) | Verdict |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N7   | 15  | 5         | DFT-QPSK    | L       | Outer_Full | 4.472        | 4.990         | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full | 4.477        | 4.970         | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | L       | Outer_Full | 4.479        | 4.980         | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | L       | Outer_Full | 4.462        | 4.940         | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | L       | Outer_Full | 4.488        | 5.090         | PASS    |
| N7   | 15  | 5         | CP-QPSK     | L       | Outer_Full | 4.485        | 5.070         | PASS    |
| N7   | 15  | 5         | CP-16QAM    | L       | Outer_Full | 4.513        | 5.170         | PASS    |
| N7   | 15  | 5         | CP-64QAM    | L       | Outer_Full | 4.483        | 5.060         | PASS    |
| N7   | 15  | 5         | CP-256QAM   | L       | Outer_Full | 4.479        | 5.130         | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | M       | Outer_Full | 4.47         | 4.900         | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full | 4.47         | 4.980         | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | M       | Outer_Full | 4.471        | 4.940         | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | M       | Outer_Full | 4.468        | 4.910         | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | M       | Outer_Full | 4.465        | 5.140         | PASS    |
| N7   | 15  | 5         | CP-QPSK     | M       | Outer_Full | 4.479        | 5.090         | PASS    |
| N7   | 15  | 5         | CP-16QAM    | M       | Outer_Full | 4.496        | 5.170         | PASS    |
| N7   | 15  | 5         | CP-64QAM    | M       | Outer_Full | 4.492        | 5.020         | PASS    |
| N7   | 15  | 5         | CP-256QAM   | M       | Outer_Full | 4.478        | 5.070         | PASS    |
| N7   | 15  | 5         | DFT-QPSK    | H       | Outer_Full | 4.477        | 4.970         | PASS    |
| N7   | 15  | 5         | DFT-PI2BPSK | H       | Outer_Full | 4.469        | 4.990         | PASS    |
| N7   | 15  | 5         | DFT-16QAM   | H       | Outer_Full | 4.476        | 4.930         | PASS    |
| N7   | 15  | 5         | DFT-64QAM   | H       | Outer_Full | 4.476        | 4.900         | PASS    |
| N7   | 15  | 5         | DFT-256QAM  | H       | Outer_Full | 4.472        | 5.060         | PASS    |
| N7   | 15  | 5         | CP-QPSK     | H       | Outer_Full | 4.473        | 5.080         | PASS    |
| N7   | 15  | 5         | CP-16QAM    | H       | Outer_Full | 4.516        | 5.100         | PASS    |
| N7   | 15  | 5         | CP-64QAM    | H       | Outer_Full | 4.495        | 5.110         | PASS    |
| N7   | 15  | 5         | CP-256QAM   | H       | Outer_Full | 4.483        | 5.070         | PASS    |
| N7   | 15  | 10        | DFT-QPSK    | L       | Outer_Full | 8.929        | 9.680         | PASS    |
| N7   | 15  | 10        | DFT-PI2BPSK | L       | Outer_Full | 8.911        | 9.580         | PASS    |
| N7   | 15  | 10        | DFT-16QAM   | L       | Outer_Full | 8.948        | 9.500         | PASS    |
| N7   | 15  | 10        | DFT-64QAM   | L       | Outer_Full | 8.956        | 9.720         | PASS    |
| N7   | 15  | 10        | DFT-256QAM  | L       | Outer_Full | 8.934        | 9.620         | PASS    |



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| N7 | 15 | 10 | CP-QPSK     | L | Outer_Full | 9.293  | 10.180 | PASS |
| N7 | 15 | 10 | CP-16QAM    | L | Outer_Full | 9.288  | 10.120 | PASS |
| N7 | 15 | 10 | CP-64QAM    | L | Outer_Full | 9.292  | 10.100 | PASS |
| N7 | 15 | 10 | CP-256QAM   | L | Outer_Full | 9.301  | 10.020 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | M | Outer_Full | 8.942  | 9.680  | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.917  | 9.700  | PASS |
| N7 | 15 | 10 | DFT-16QAM   | M | Outer_Full | 8.933  | 9.620  | PASS |
| N7 | 15 | 10 | DFT-64QAM   | M | Outer_Full | 8.951  | 9.700  | PASS |
| N7 | 15 | 10 | DFT-256QAM  | M | Outer_Full | 8.934  | 9.600  | PASS |
| N7 | 15 | 10 | CP-QPSK     | M | Outer_Full | 9.291  | 10.080 | PASS |
| N7 | 15 | 10 | CP-16QAM    | M | Outer_Full | 9.282  | 10.080 | PASS |
| N7 | 15 | 10 | CP-64QAM    | M | Outer_Full | 9.284  | 10.000 | PASS |
| N7 | 15 | 10 | CP-256QAM   | M | Outer_Full | 9.304  | 10.060 | PASS |
| N7 | 15 | 10 | DFT-QPSK    | H | Outer_Full | 8.931  | 9.720  | PASS |
| N7 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.907  | 9.600  | PASS |
| N7 | 15 | 10 | DFT-16QAM   | H | Outer_Full | 8.937  | 9.600  | PASS |
| N7 | 15 | 10 | DFT-64QAM   | H | Outer_Full | 8.949  | 9.580  | PASS |
| N7 | 15 | 10 | DFT-256QAM  | H | Outer_Full | 8.927  | 9.680  | PASS |
| N7 | 15 | 10 | CP-QPSK     | H | Outer_Full | 9.285  | 10.160 | PASS |
| N7 | 15 | 10 | CP-16QAM    | H | Outer_Full | 9.299  | 10.080 | PASS |
| N7 | 15 | 10 | CP-64QAM    | H | Outer_Full | 9.28   | 10.040 | PASS |
| N7 | 15 | 10 | CP-256QAM   | H | Outer_Full | 9.284  | 10.080 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | L | Outer_Full | 13.435 | 14.280 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.442 | 14.310 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | L | Outer_Full | 13.471 | 14.490 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | L | Outer_Full | 13.419 | 14.340 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | L | Outer_Full | 13.44  | 14.280 | PASS |
| N7 | 15 | 15 | CP-QPSK     | L | Outer_Full | 14.133 | 15.000 | PASS |
| N7 | 15 | 15 | CP-16QAM    | L | Outer_Full | 14.136 | 15.150 | PASS |
| N7 | 15 | 15 | CP-64QAM    | L | Outer_Full | 14.133 | 15.150 | PASS |
| N7 | 15 | 15 | CP-256QAM   | L | Outer_Full | 14.088 | 14.910 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | M | Outer_Full | 13.432 | 14.280 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.433 | 14.310 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | M | Outer_Full | 14.132 | 15.060 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | M | Outer_Full | 13.44  | 14.280 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | M | Outer_Full | 13.475 | 14.070 | PASS |
| N7 | 15 | 15 | CP-QPSK     | M | Outer_Full | 14.132 | 15.060 | PASS |
| N7 | 15 | 15 | CP-16QAM    | M | Outer_Full | 14.142 | 15.120 | PASS |



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| N7 | 15 | 15 | CP-64QAM    | M | Outer_Full | 14.109 | 15.030 | PASS |
| N7 | 15 | 15 | CP-256QAM   | M | Outer_Full | 14.107 | 15.000 | PASS |
| N7 | 15 | 15 | DFT-QPSK    | H | Outer_Full | 13.436 | 14.430 | PASS |
| N7 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.424 | 14.250 | PASS |
| N7 | 15 | 15 | DFT-16QAM   | H | Outer_Full | 13.465 | 14.370 | PASS |
| N7 | 15 | 15 | DFT-64QAM   | H | Outer_Full | 13.438 | 14.310 | PASS |
| N7 | 15 | 15 | DFT-256QAM  | H | Outer_Full | 13.438 | 14.340 | PASS |
| N7 | 15 | 15 | CP-QPSK     | H | Outer_Full | 14.134 | 15.150 | PASS |
| N7 | 15 | 15 | CP-16QAM    | H | Outer_Full | 14.115 | 15.060 | PASS |
| N7 | 15 | 15 | CP-64QAM    | H | Outer_Full | 14.143 | 14.970 | PASS |
| N7 | 15 | 15 | CP-256QAM   | H | Outer_Full | 14.085 | 15.180 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | L | Outer_Full | 17.867 | 18.600 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.875 | 18.840 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | L | Outer_Full | 17.866 | 18.720 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | L | Outer_Full | 17.919 | 18.760 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | L | Outer_Full | 17.872 | 18.720 | PASS |
| N7 | 15 | 20 | CP-QPSK     | L | Outer_Full | 18.958 | 20.040 | PASS |
| N7 | 15 | 20 | CP-16QAM    | L | Outer_Full | 18.958 | 20.120 | PASS |
| N7 | 15 | 20 | CP-64QAM    | L | Outer_Full | 18.96  | 19.920 | PASS |
| N7 | 15 | 20 | CP-256QAM   | L | Outer_Full | 18.967 | 19.920 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | M | Outer_Full | 17.871 | 19.000 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.887 | 18.880 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | M | Outer_Full | 17.877 | 18.640 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | M | Outer_Full | 17.889 | 18.760 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | M | Outer_Full | 17.825 | 18.680 | PASS |
| N7 | 15 | 20 | CP-QPSK     | M | Outer_Full | 18.919 | 20.000 | PASS |
| N7 | 15 | 20 | CP-16QAM    | M | Outer_Full | 18.94  | 19.800 | PASS |
| N7 | 15 | 20 | CP-64QAM    | M | Outer_Full | 18.911 | 19.760 | PASS |
| N7 | 15 | 20 | CP-256QAM   | M | Outer_Full | 19.04  | 20.000 | PASS |
| N7 | 15 | 20 | DFT-QPSK    | H | Outer_Full | 17.891 | 18.840 | PASS |
| N7 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.864 | 18.800 | PASS |
| N7 | 15 | 20 | DFT-16QAM   | H | Outer_Full | 17.888 | 18.800 | PASS |
| N7 | 15 | 20 | DFT-64QAM   | H | Outer_Full | 17.888 | 18.880 | PASS |
| N7 | 15 | 20 | DFT-256QAM  | H | Outer_Full | 17.884 | 18.800 | PASS |
| N7 | 15 | 20 | CP-QPSK     | H | Outer_Full | 18.941 | 19.960 | PASS |
| N7 | 15 | 20 | CP-16QAM    | H | Outer_Full | 18.914 | 19.960 | PASS |
| N7 | 15 | 20 | CP-64QAM    | H | Outer_Full | 18.907 | 19.840 | PASS |
| N7 | 15 | 20 | CP-256QAM   | H | Outer_Full | 18.91  | 19.800 | PASS |



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| N7 | 15 | 25 | DFT-QPSK    | L | Outer_Full | 22.846 | 24.100 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | L | Outer_Full | 22.882 | 23.900 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | L | Outer_Full | 22.904 | 24.050 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | L | Outer_Full | 22.858 | 24.050 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | L | Outer_Full | 22.808 | 23.950 | PASS |
| N7 | 15 | 25 | CP-QPSK     | L | Outer_Full | 23.73  | 24.950 | PASS |
| N7 | 15 | 25 | CP-16QAM    | L | Outer_Full | 23.756 | 24.900 | PASS |
| N7 | 15 | 25 | CP-64QAM    | L | Outer_Full | 23.733 | 24.950 | PASS |
| N7 | 15 | 25 | CP-256QAM   | L | Outer_Full | 23.762 | 24.850 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | M | Outer_Full | 22.878 | 24.000 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | M | Outer_Full | 22.901 | 24.150 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | M | Outer_Full | 22.993 | 24.000 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | M | Outer_Full | 22.897 | 24.050 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | M | Outer_Full | 22.88  | 23.950 | PASS |
| N7 | 15 | 25 | CP-QPSK     | M | Outer_Full | 23.765 | 24.950 | PASS |
| N7 | 15 | 25 | CP-16QAM    | M | Outer_Full | 23.807 | 25.050 | PASS |
| N7 | 15 | 25 | CP-64QAM    | M | Outer_Full | 23.721 | 25.000 | PASS |
| N7 | 15 | 25 | CP-256QAM   | M | Outer_Full | 23.806 | 24.800 | PASS |
| N7 | 15 | 25 | DFT-QPSK    | H | Outer_Full | 22.898 | 24.000 | PASS |
| N7 | 15 | 25 | DFT-PI2BPSK | H | Outer_Full | 22.877 | 24.000 | PASS |
| N7 | 15 | 25 | DFT-16QAM   | H | Outer_Full | 22.891 | 24.050 | PASS |
| N7 | 15 | 25 | DFT-64QAM   | H | Outer_Full | 22.874 | 24.000 | PASS |
| N7 | 15 | 25 | DFT-256QAM  | H | Outer_Full | 22.876 | 23.950 | PASS |
| N7 | 15 | 25 | CP-QPSK     | H | Outer_Full | 23.76  | 24.950 | PASS |
| N7 | 15 | 25 | CP-16QAM    | H | Outer_Full | 23.75  | 25.000 | PASS |
| N7 | 15 | 25 | CP-64QAM    | H | Outer_Full | 23.745 | 24.950 | PASS |
| N7 | 15 | 25 | CP-256QAM   | H | Outer_Full | 23.744 | 24.750 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | L | Outer_Full | 28.524 | 29.820 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | L | Outer_Full | 28.579 | 30.000 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | L | Outer_Full | 28.561 | 29.640 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | L | Outer_Full | 28.525 | 29.640 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | L | Outer_Full | 28.584 | 29.580 | PASS |
| N7 | 15 | 30 | CP-QPSK     | L | Outer_Full | 28.532 | 30.000 | PASS |
| N7 | 15 | 30 | CP-16QAM    | L | Outer_Full | 28.498 | 31.020 | PASS |
| N7 | 15 | 30 | CP-64QAM    | L | Outer_Full | 28.508 | 29.760 | PASS |
| N7 | 15 | 30 | CP-256QAM   | L | Outer_Full | 28.588 | 29.700 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | M | Outer_Full | 28.587 | 29.700 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | M | Outer_Full | 28.59  | 29.760 | PASS |



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| N7 | 15 | 30 | DFT-16QAM   | M | Outer_Full | 28.567 | 29.760 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | M | Outer_Full | 28.647 | 29.880 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | M | Outer_Full | 28.626 | 29.880 | PASS |
| N7 | 15 | 30 | CP-QPSK     | M | Outer_Full | 28.567 | 29.760 | PASS |
| N7 | 15 | 30 | CP-16QAM    | M | Outer_Full | 28.651 | 29.820 | PASS |
| N7 | 15 | 30 | CP-64QAM    | M | Outer_Full | 28.578 | 29.640 | PASS |
| N7 | 15 | 30 | CP-256QAM   | M | Outer_Full | 28.531 | 29.820 | PASS |
| N7 | 15 | 30 | DFT-QPSK    | H | Outer_Full | 28.55  | 29.700 | PASS |
| N7 | 15 | 30 | DFT-PI2BPSK | H | Outer_Full | 28.582 | 29.640 | PASS |
| N7 | 15 | 30 | DFT-16QAM   | H | Outer_Full | 28.512 | 29.760 | PASS |
| N7 | 15 | 30 | DFT-64QAM   | H | Outer_Full | 28.609 | 29.760 | PASS |
| N7 | 15 | 30 | DFT-256QAM  | H | Outer_Full | 28.532 | 29.700 | PASS |
| N7 | 15 | 30 | CP-QPSK     | H | Outer_Full | 28.512 | 29.760 | PASS |
| N7 | 15 | 30 | CP-16QAM    | H | Outer_Full | 28.534 | 30.120 | PASS |
| N7 | 15 | 30 | CP-64QAM    | H | Outer_Full | 28.586 | 29.700 | PASS |
| N7 | 15 | 30 | CP-256QAM   | H | Outer_Full | 28.526 | 29.640 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | L | Outer_Full | 38.54  | 40.160 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | L | Outer_Full | 38.454 | 40.320 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | L | Outer_Full | 38.504 | 40.240 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | L | Outer_Full | 38.46  | 40.240 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | L | Outer_Full | 38.52  | 40.240 | PASS |
| N7 | 15 | 40 | CP-QPSK     | L | Outer_Full | 38.492 | 40.400 | PASS |
| N7 | 15 | 40 | CP-16QAM    | L | Outer_Full | 38.593 | 40.320 | PASS |
| N7 | 15 | 40 | CP-64QAM    | L | Outer_Full | 38.477 | 40.320 | PASS |
| N7 | 15 | 40 | CP-256QAM   | L | Outer_Full | 38.575 | 40.160 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | M | Outer_Full | 38.637 | 40.400 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | 38.499 | 40.240 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | M | Outer_Full | 38.702 | 40.160 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | M | Outer_Full | 38.587 | 40.240 | PASS |
| N7 | 15 | 40 | DFT-256QAM  | M | Outer_Full | 38.519 | 40.160 | PASS |
| N7 | 15 | 40 | CP-QPSK     | M | Outer_Full | 38.649 | 40.480 | PASS |
| N7 | 15 | 40 | CP-16QAM    | M | Outer_Full | 38.631 | 40.240 | PASS |
| N7 | 15 | 40 | CP-64QAM    | M | Outer_Full | 38.568 | 40.320 | PASS |
| N7 | 15 | 40 | CP-256QAM   | M | Outer_Full | 38.524 | 40.080 | PASS |
| N7 | 15 | 40 | DFT-QPSK    | H | Outer_Full | 38.478 | 40.240 | PASS |
| N7 | 15 | 40 | DFT-PI2BPSK | H | Outer_Full | 38.464 | 40.320 | PASS |
| N7 | 15 | 40 | DFT-16QAM   | H | Outer_Full | 38.543 | 40.160 | PASS |
| N7 | 15 | 40 | DFT-64QAM   | H | Outer_Full | 38.587 | 40.160 | PASS |



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|    |    |    |            |   |            |        |        |      |
|----|----|----|------------|---|------------|--------|--------|------|
| N7 | 15 | 40 | DFT-256QAM | H | Outer_Full | 38.536 | 40.160 | PASS |
| N7 | 15 | 40 | CP-QPSK    | H | Outer_Full | 38.543 | 40.160 | PASS |
| N7 | 15 | 40 | CP-16QAM   | H | Outer_Full | 38.528 | 40.240 | PASS |
| N7 | 15 | 40 | CP-64QAM   | H | Outer_Full | 38.568 | 40.080 | PASS |
| N7 | 15 | 40 | CP-256QAM  | H | Outer_Full | 38.492 | 40.240 | PASS |



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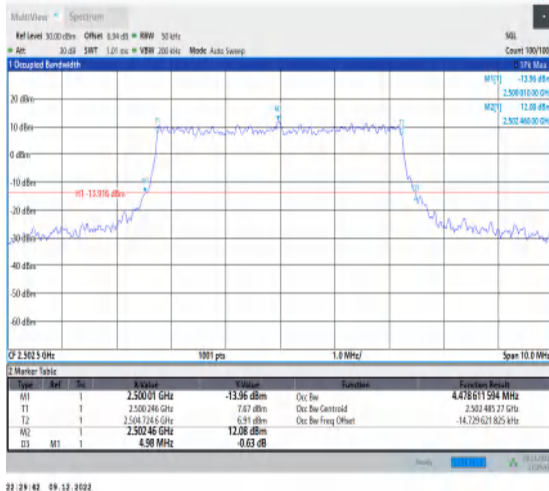
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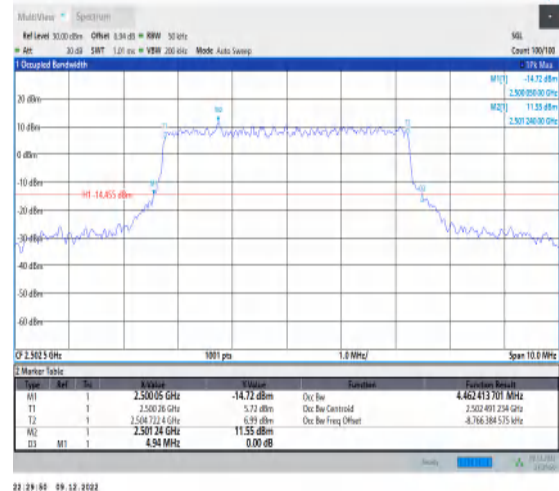
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-4.477-4.970-≤5-PASS



1-N7-15-5-L-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4  
.479-4.980-≤5-PASS



1-N7-15-5-L-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4  
.462-4.940-≤5-PASS



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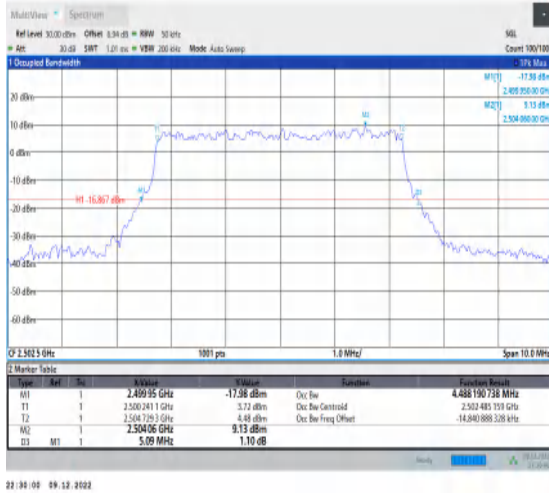
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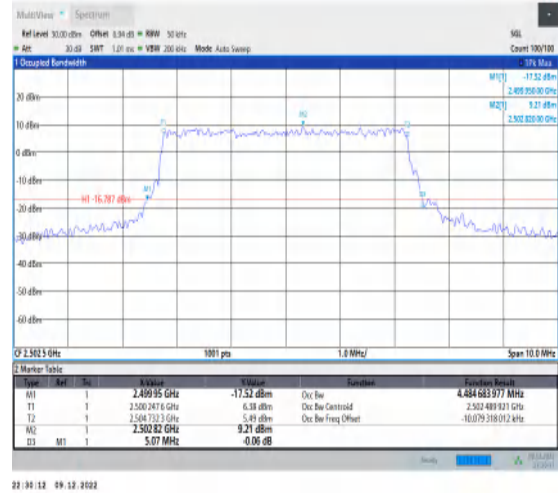
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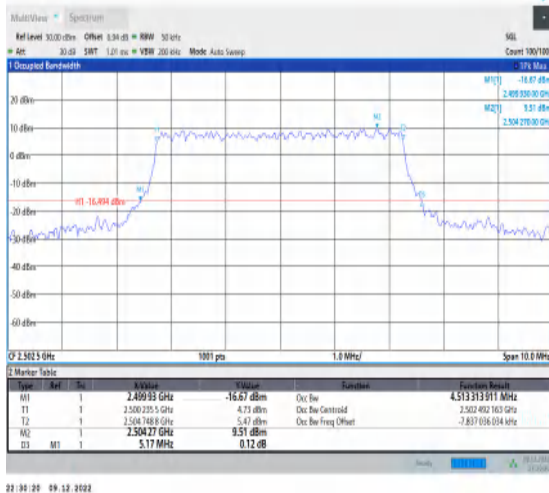
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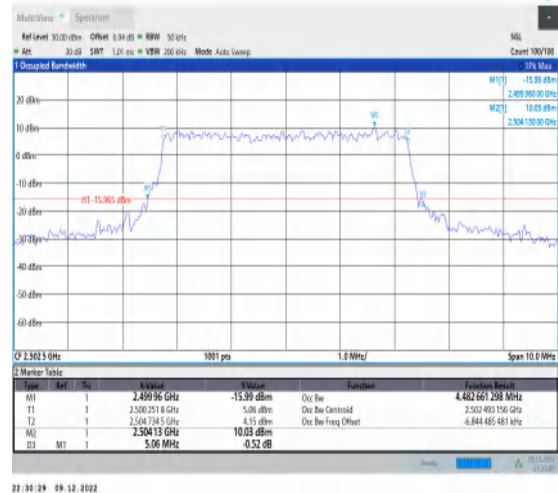
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1-N7-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.488-5.070-≤5-PASS



1-N7-15-5-L-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.513-5.170-≤5-PASS



1-N7-15-5-L-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.482-5.060-≤5-PASS



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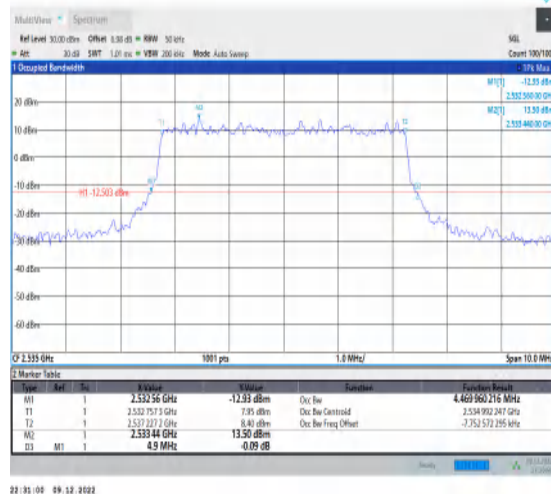
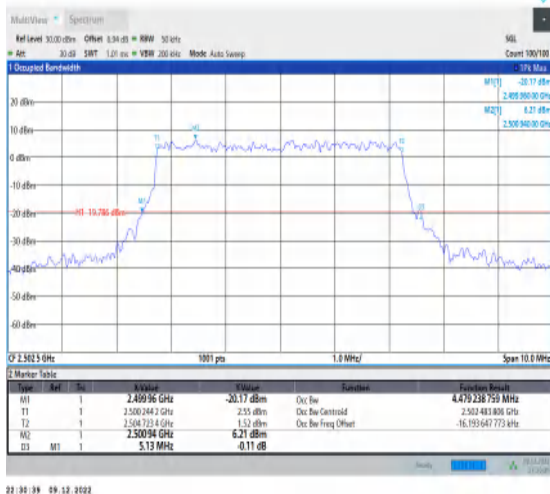
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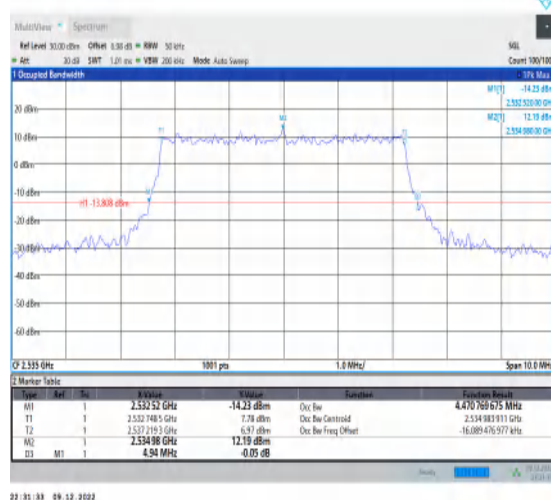
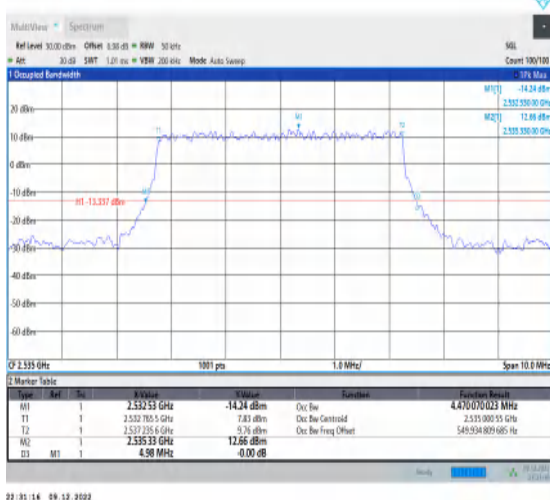
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1-N7-15-5-L-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.479-5.130-≤5-PASS

1-N7-15-5-M-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.479-5.130-≤5-PASS



1-N7-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.479-5.130-≤5-PASS

1-N7-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.479-5.130-≤5-PASS



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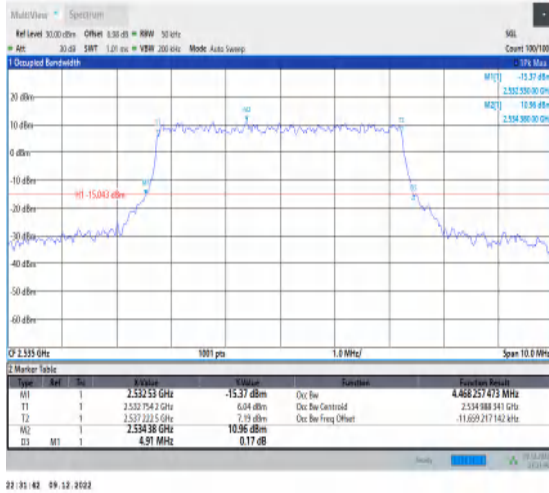
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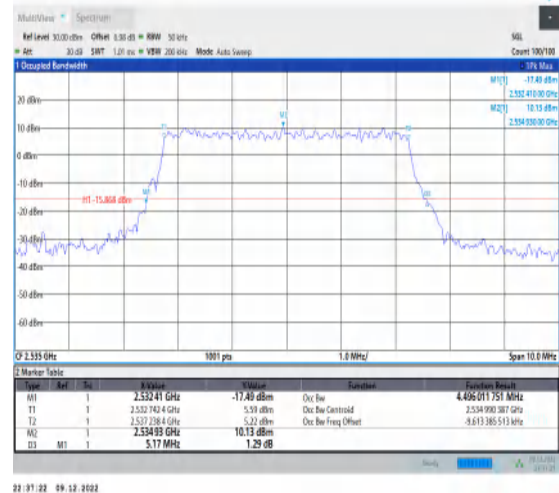
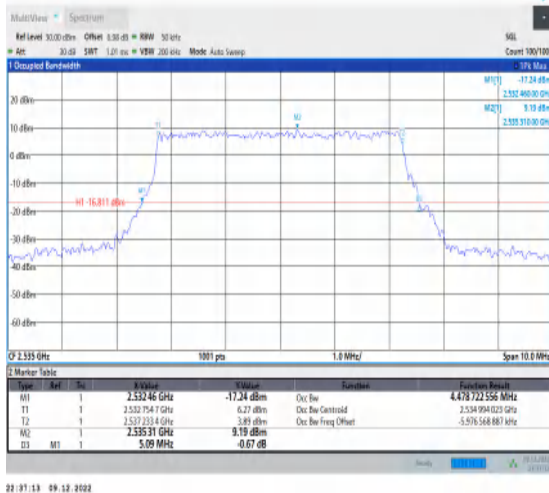
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1-N7-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.468-4.910-≤5-PASS

1-N7-15-5-M-5-DFT-256QAM-Outer\_Full-25@0-Ant1-4.465-5.140-≤5-PASS



1-N7-15-5-M-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.479-5.090-≤5-PASS

1-N7-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.496-5.170-≤5-PASS



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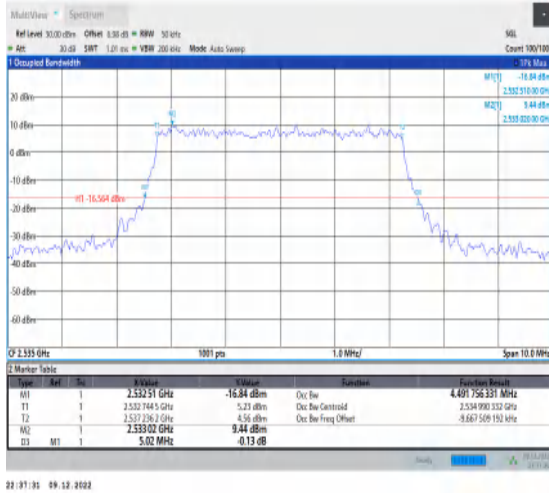
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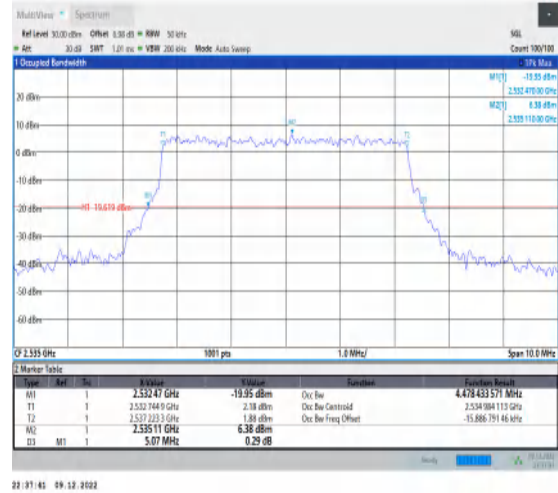
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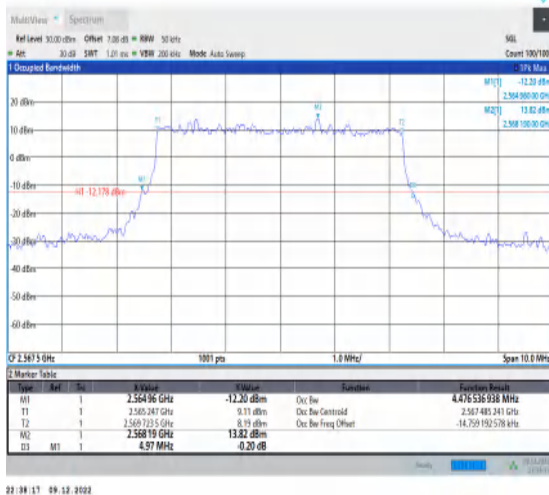
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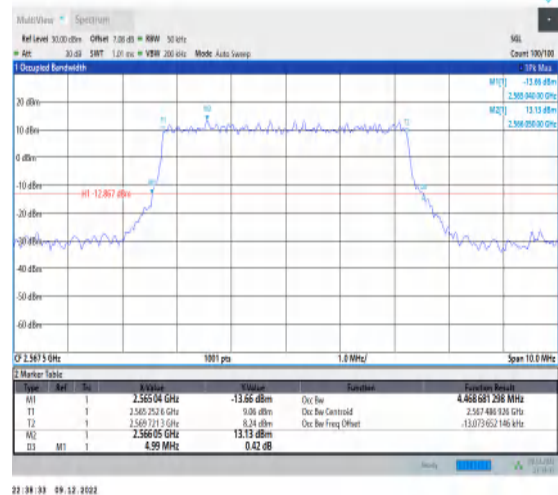
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-4.478-5.070-≤5-PASS



1-N7-15-5-H-1-DFT-QPSK-Outer\_Full-25@0-Ant1-4.  
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1-N7-15-5-H-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4  
1-4.469-4.990-≤5-PASS



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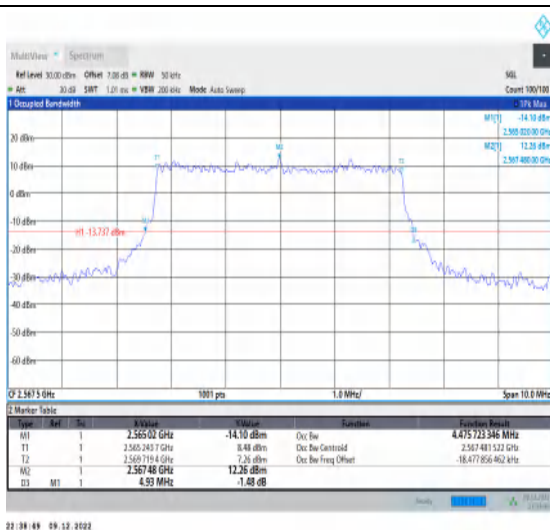
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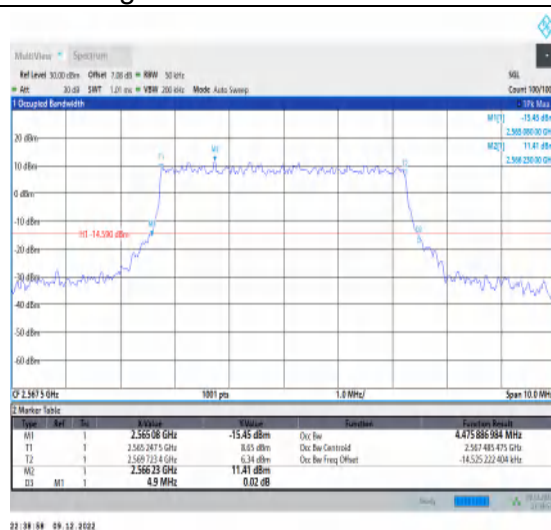
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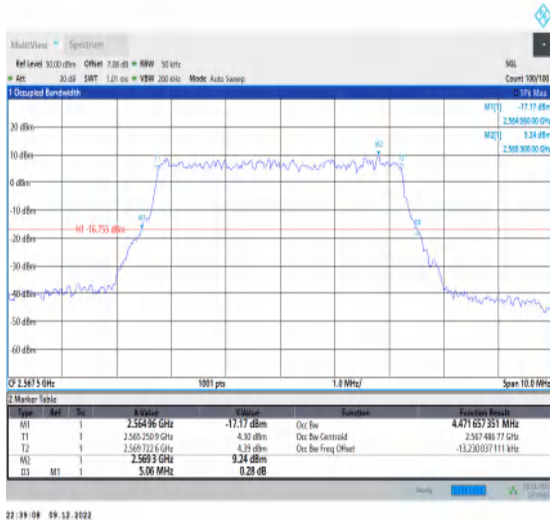
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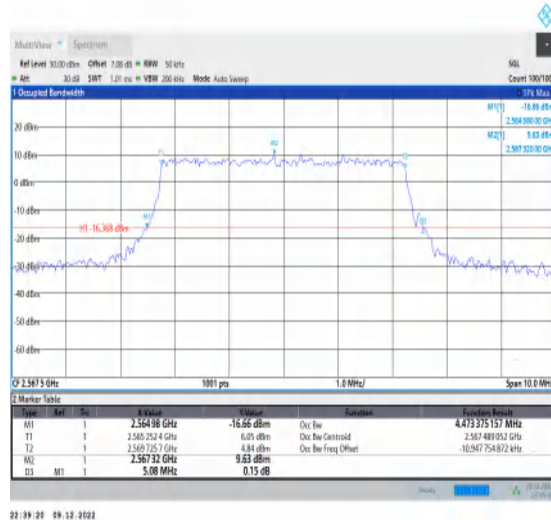
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1-N7-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-4.473-5.080-≤5-PASS



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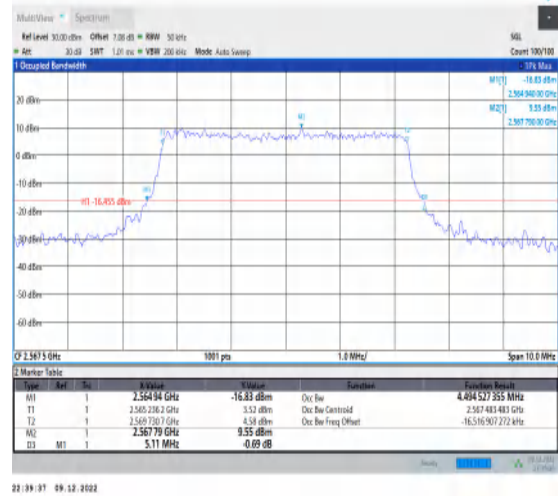
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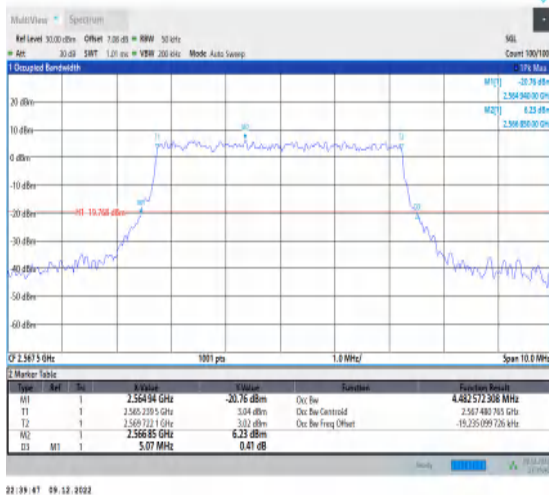
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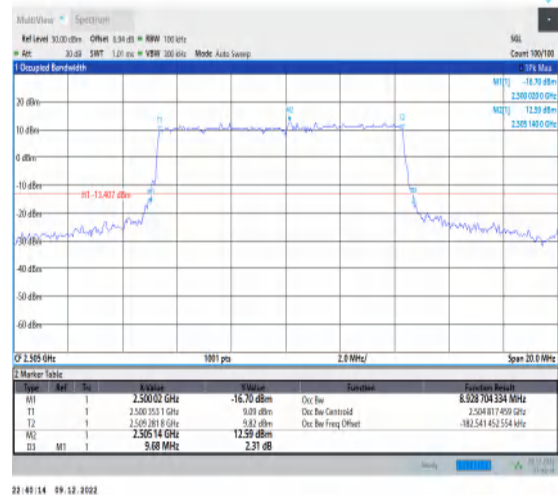
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516-5.100-≤5-PASS



1-N7-15-5-H-8-CP-64QAM-Outer\_Full-25@0-Ant1-4.  
495-5.110-≤5-PASS



1-N7-15-5-H-9-CP-256QAM-Outer\_Full-25@0-Ant1-4.  
4.483-5.070-≤5-PASS



1-N7-15-10-L-1-DFT-QPSK-Outer\_Full-50@0-Ant1-8  
.929-9.680-≤10-PASS



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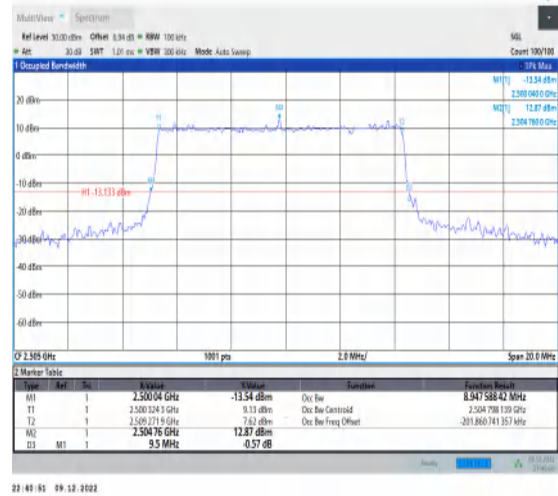
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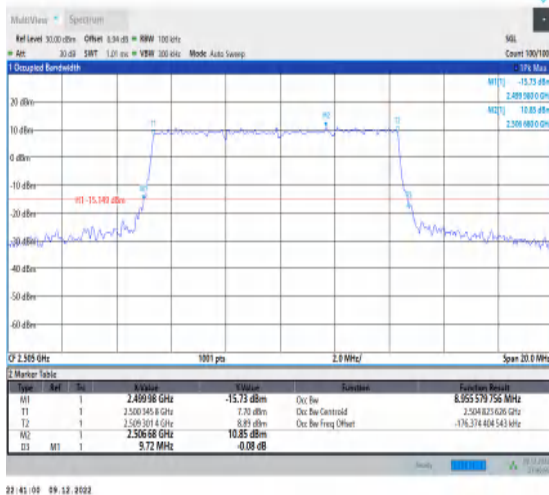
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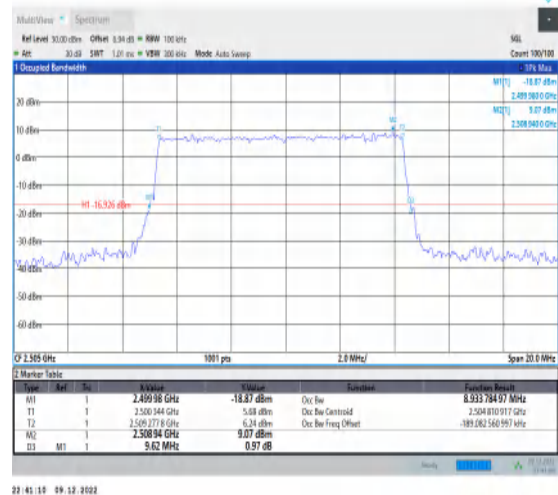
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1-8.911-9.580-≤10-PASS



1-N7-15-10-L-3-DFT-16QAM-Outer\_Full-50@0-Ant1-  
8.948-9.500-≤10-PASS



1-N7-15-10-L-4-DFT-64QAM-Outer\_Full-50@0-Ant1-  
8.956-9.720-≤10-PASS



1-N7-15-10-L-5-DFT-256QAM-Outer\_Full-50@0-Ant  
1-8.934-9.620-≤10-PASS



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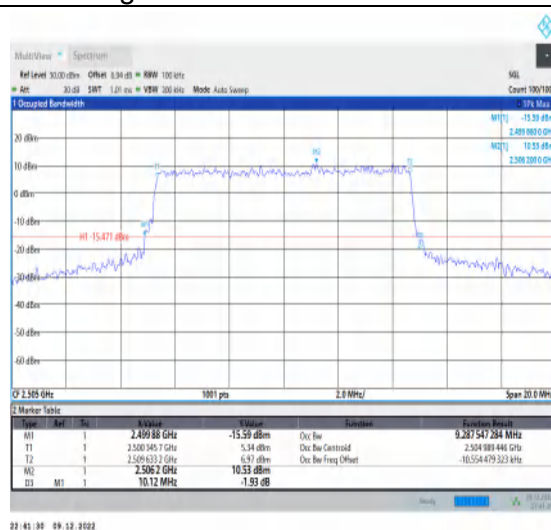
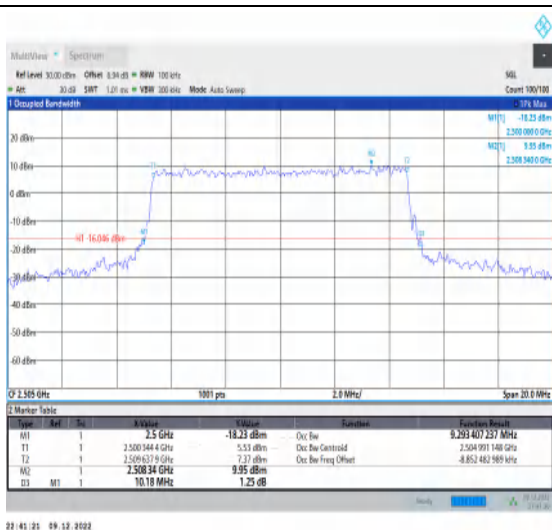
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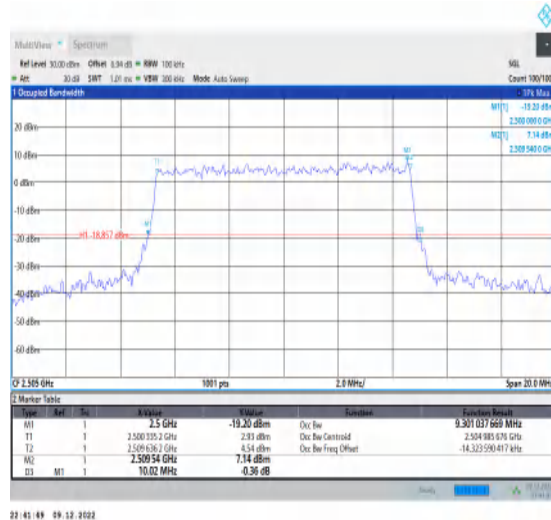
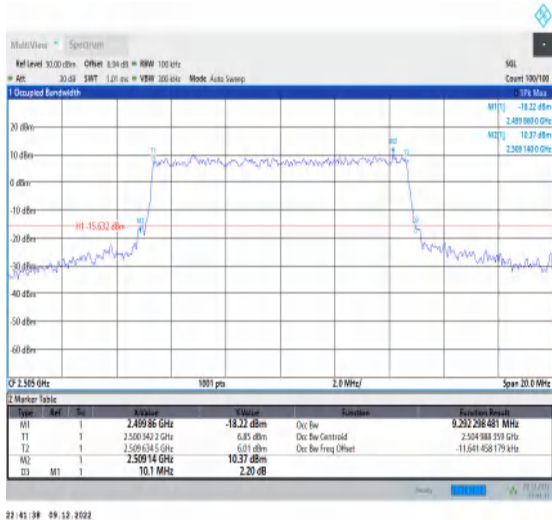
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1-N7-15-10-L-6-CP-QPSK-Outet\_Full-52@0-Ant1-9.  
293-10.180-≤10-PASS

1-N7-15-10-L-7-CP-16QAM-Outet\_Full-52@0-Ant1-9.  
9.288-10.120-≤10-PASS



1-N7-15-10-L-8-CP-64QAM-Outet\_Full-52@0-Ant1-9.  
9.292-10.100-≤10-PASS

1-N7-15-10-L-9-CP-256QAM-Outet\_Full-52@0-Ant1-9.  
-9.301-10.020-≤10-PASS



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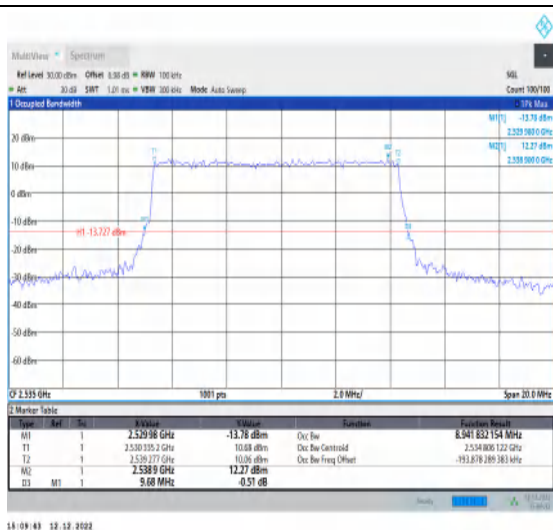
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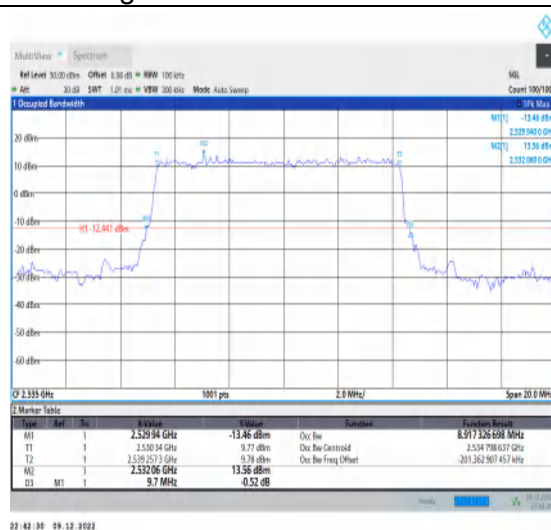
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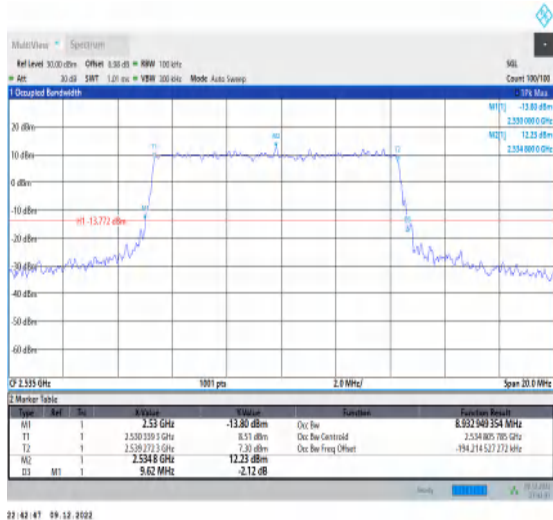
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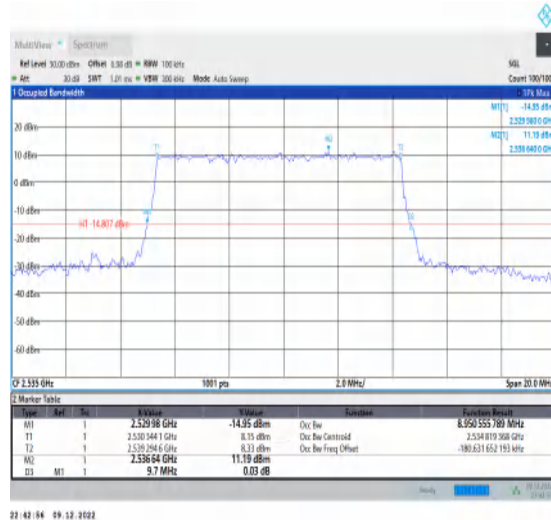
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1-N7-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-An t1-8.917-9.700-≤10-PASS



1-N7-15-10-M-3-DFT-16QAM-Outer\_Full-50@0-Ant1-8.933-9.620-≤10-PASS



1-N7-15-10-M-4-DFT-64QAM-Outer\_Full-50@0-Ant1-8.951-9.700-≤10-PASS



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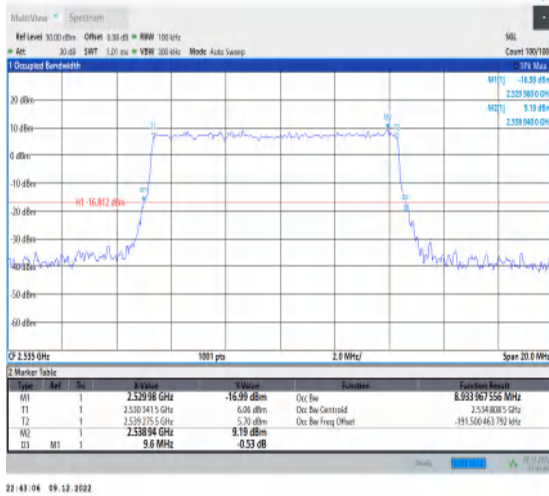
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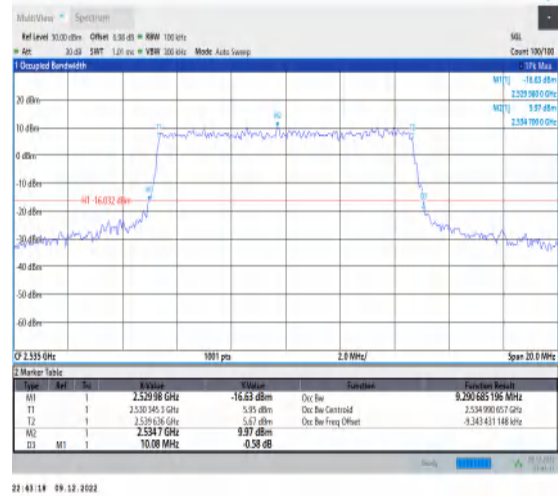
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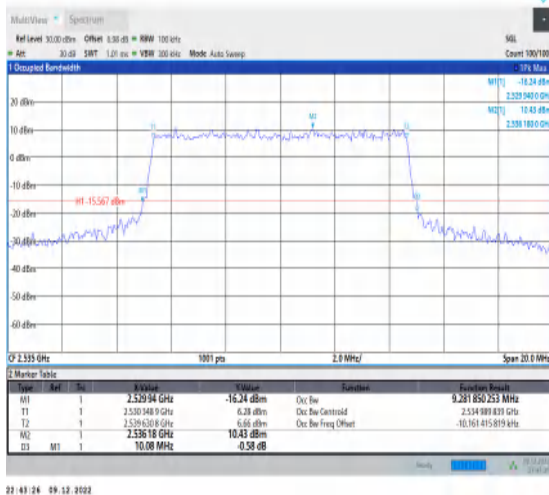
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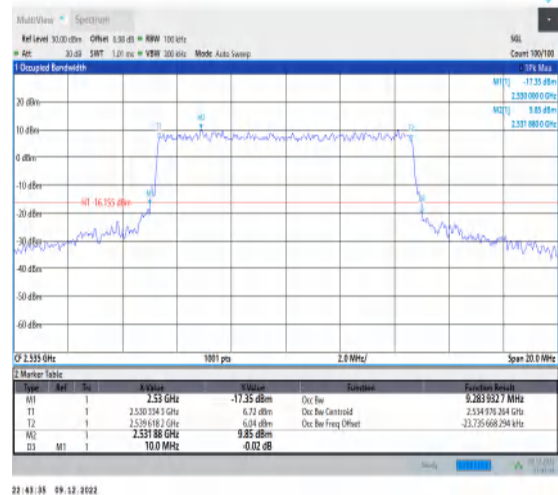
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1-8.934-9.600-≤10-PASS



1-N7-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.  
291-10.080-≤10-PASS



1-N7-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-  
9.282-10.080-≤10-PASS



1-N7-15-10-M-8-CP-64QAM-Outer\_Full-52@0-Ant1-  
9.284-10.000-≤10-PASS



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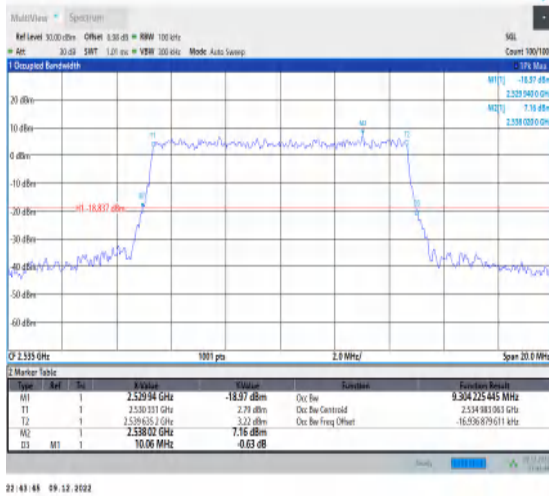
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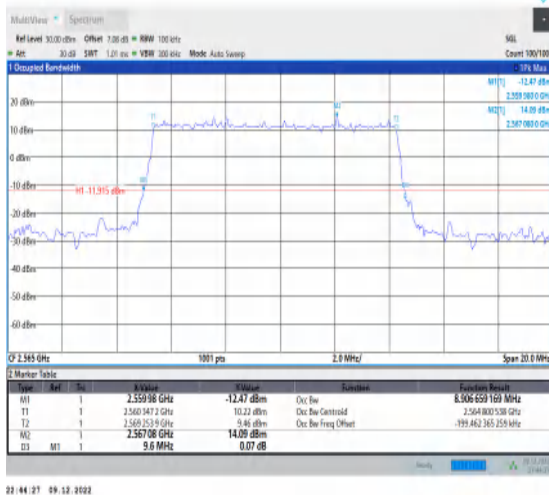
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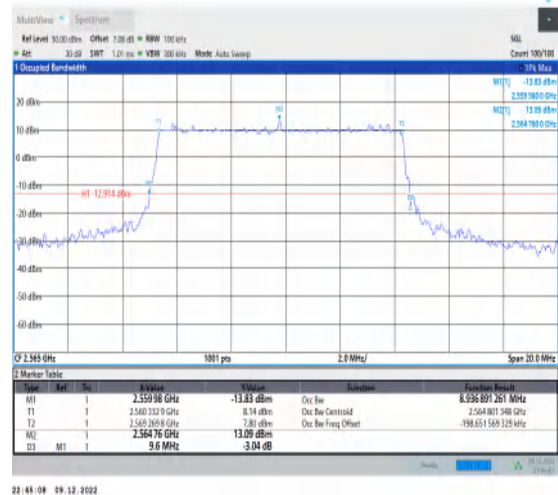
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8.931-9.720≤10-PASS



1-N7-15-10-H-2-DFT-P12BPSK-Outer\_Full-50@0-Ant1  
t1-8.907-9.600≤10-PASS



1-N7-15-10-H-3-DFT-16QAM-Outer\_Full-50@0-Ant1  
-8.937-9.600≤10-PASS



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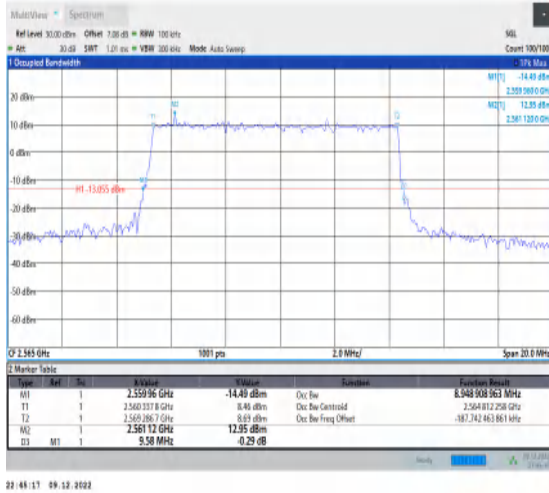
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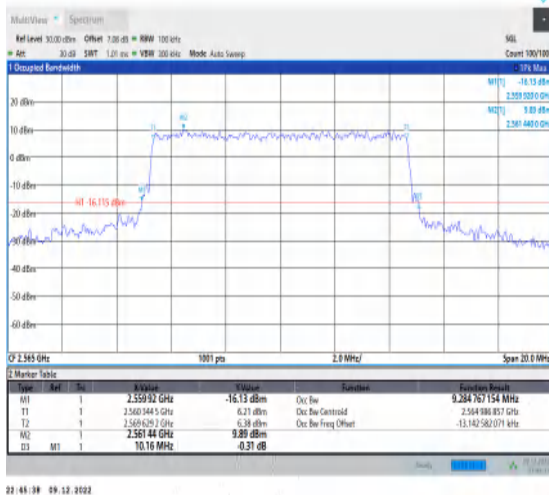
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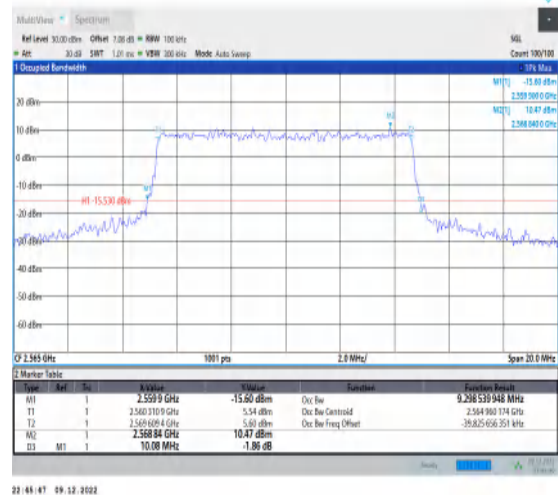
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1-N7-15-10-H-5-DFT-256QAM-Outer\_Full-50@0-Ant  
1-8.927-9.680-≤10-PASS



1-N7-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.  
285-10.160-≤10-PASS



1-N7-15-10-H-7-CP-16QAM-Outer\_Full-52@0-Ant1-  
9.299-10.080-≤10-PASS



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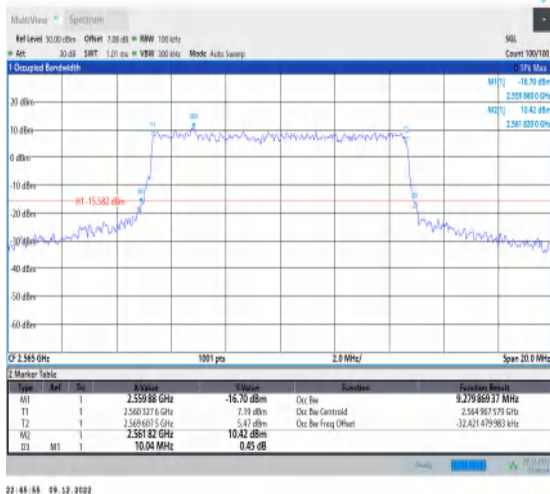
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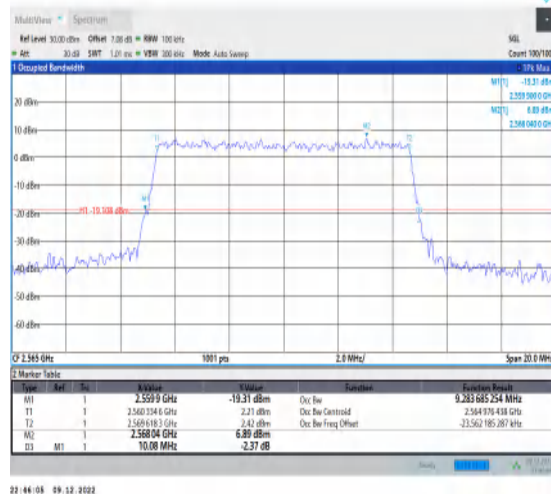
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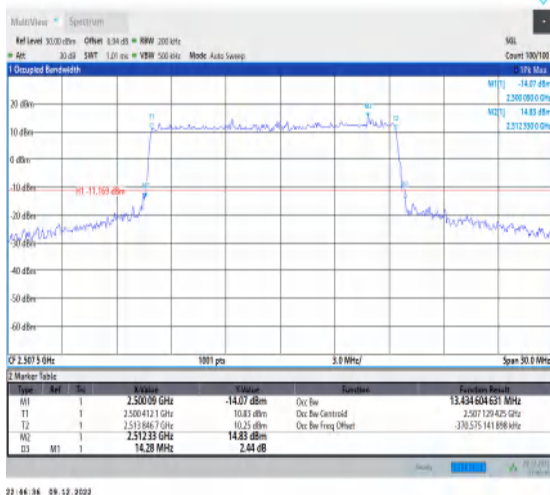
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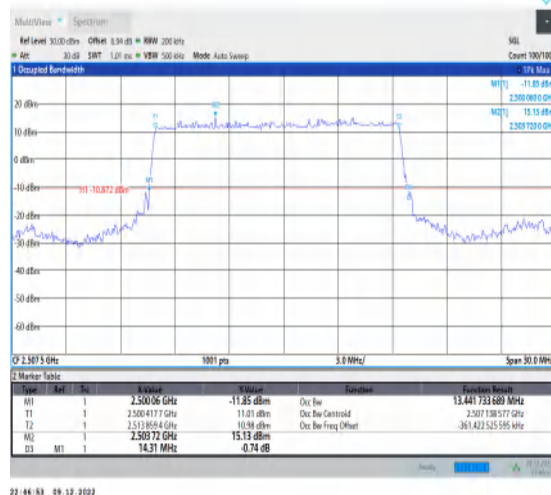
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1-N7-15-10-H-9-CP-256QAM-Outer\_Full-52@0-Ant1-9.284-10.080-≤10-PASS



1-N7-15-15-L-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.435-14.280-≤15-PASS



1-N7-15-15-L-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.442-14.310-≤15-PASS



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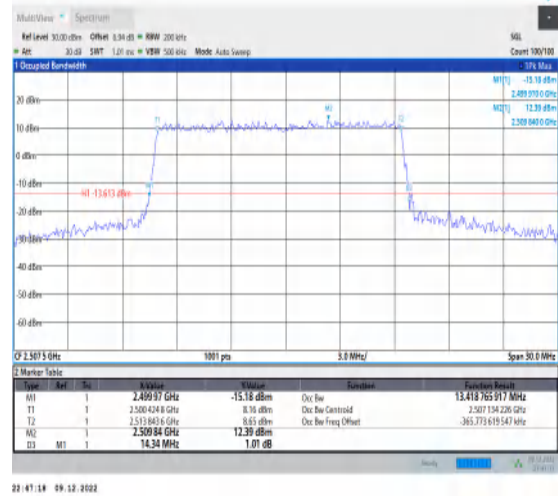
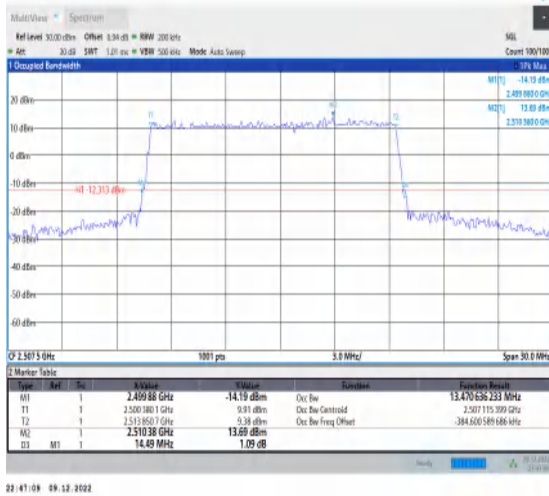
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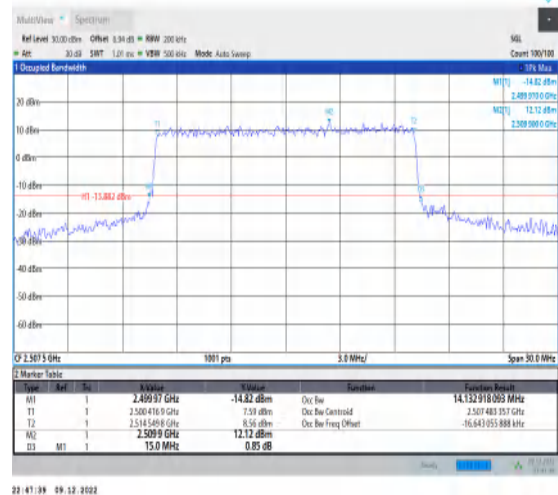
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1-N7-15-15-L-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.44-14.280-≤15-PASS

1-N7-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.133-15.000-≤15-PASS



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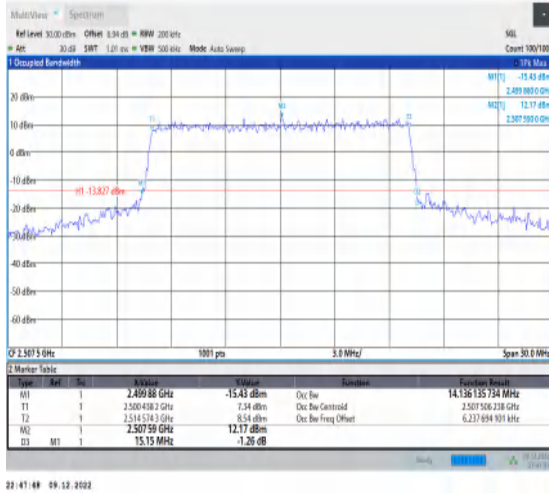
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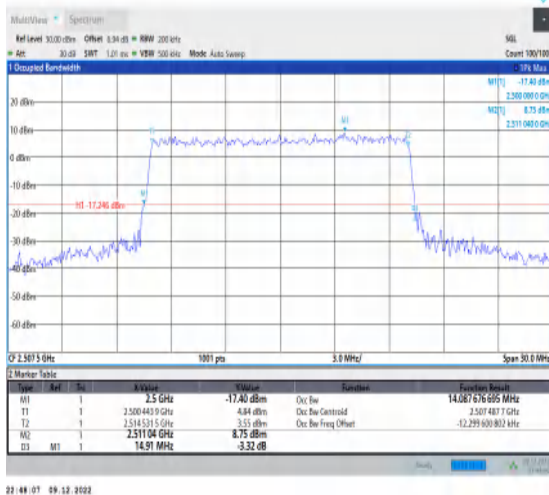
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1-N7-15-15-L-7-CP-16QAM-Outer\_Full-79@0-Ant1-  
14.136-15.150-≤15-PASS

1-N7-15-15-L-8-CP-64QAM-Outer\_Full-79@0-Ant1-  
14.133-15.150-≤15-PASS



1-N7-15-15-L-9-CP-256QAM-Outer\_Full-79@0-Ant1-  
-14.088-14.910-≤15-PASS

1-N7-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-  
13.432-14.280-≤15-PASS



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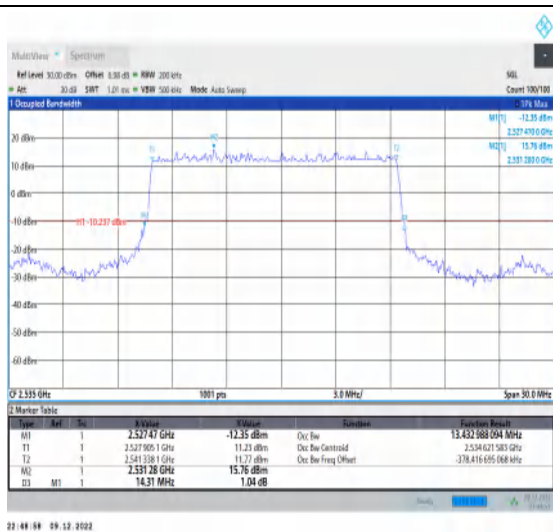
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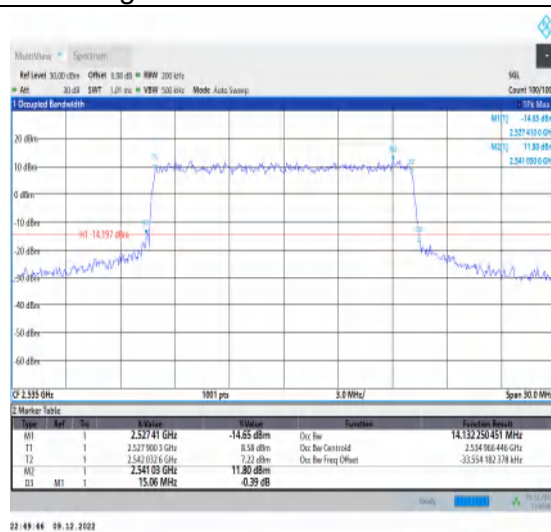
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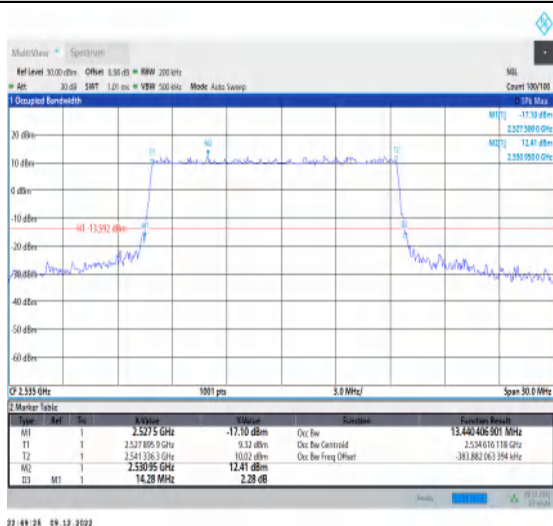
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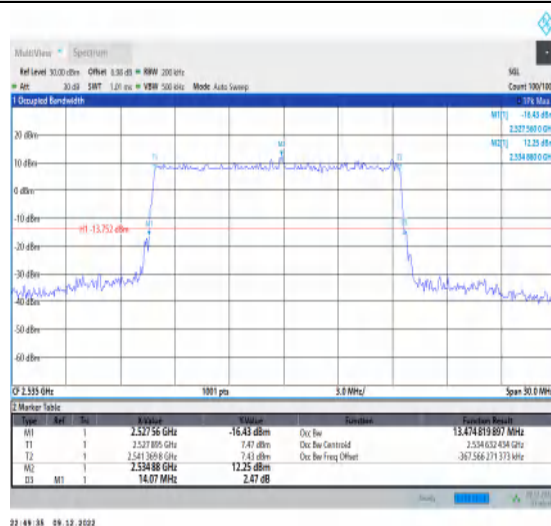
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t1-13.433-14.310-≤15-PASS



1-N7-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1  
-13.464-14.520-≤15-PASS



1-N7-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1  
-13.44-14.280-≤15-PASS



1-N7-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant  
1-13.475-14.070-≤15-PASS



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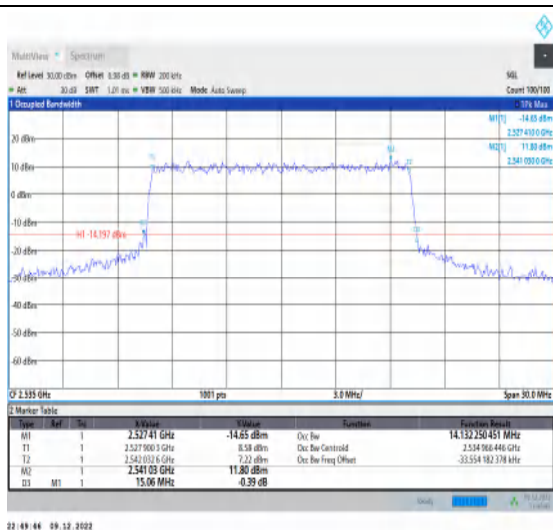
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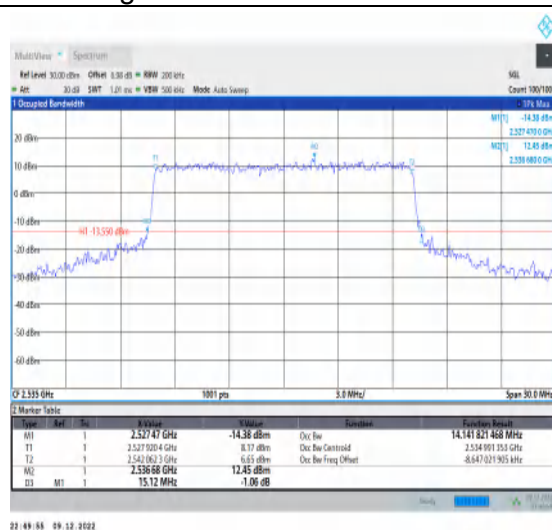
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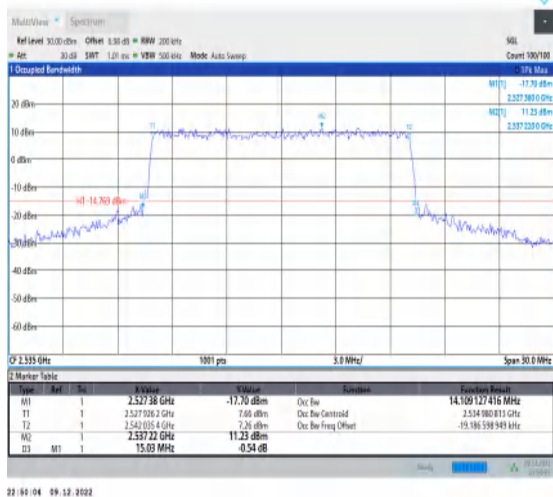
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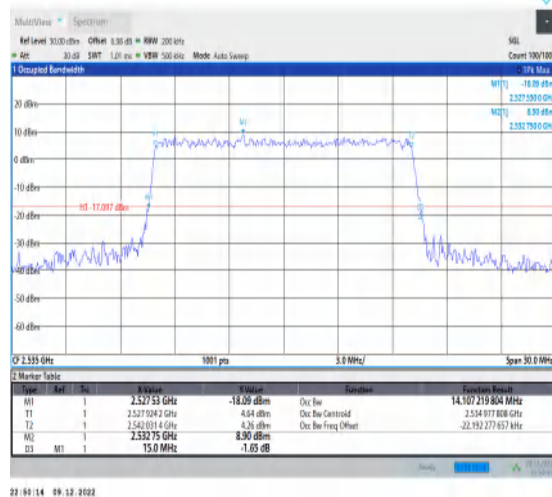
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4.132-15.060-≤15-PASS



1-N7-15-15-M-7-CP-16QAM-Outer\_Full-79@0-Ant1-  
14.142-15.120-≤15-PASS



1-N7-15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant1-  
14.109-15.030-≤15-PASS



1-N7-15-15-M-9-CP-256QAM-Outer\_Full-79@0-Ant1  
-14.107-15.000-≤15-PASS



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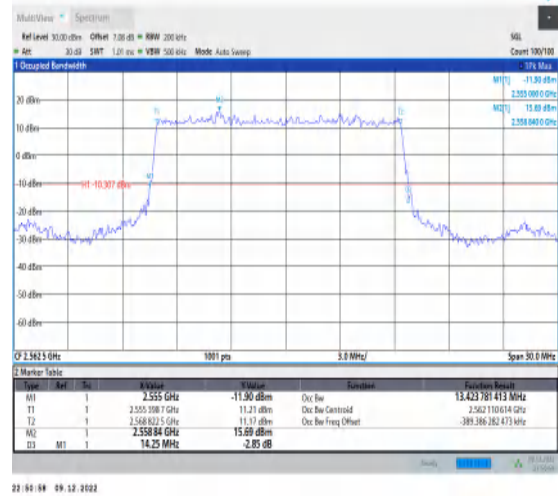
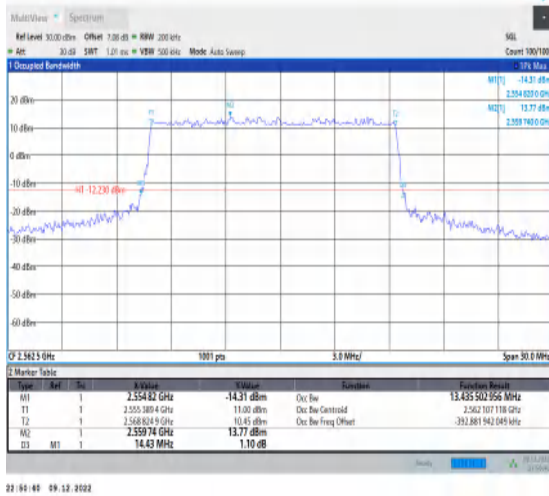
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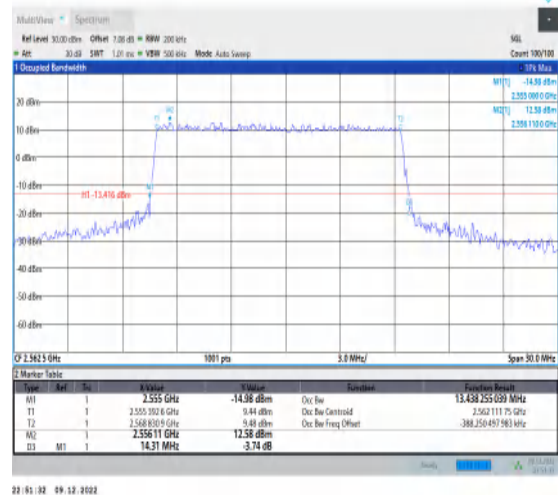
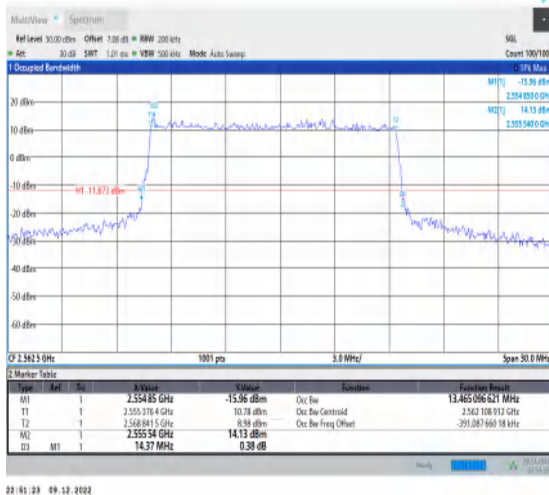
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1-N7-15-15-H-1-DFT-QPSK-Outer\_Full-75@0-Ant1-  
13.436-14.430-≤15-PASS

1-N7-15-15-H-2-DFT-PI2BPSK-Outer\_Full-75@0-An  
t1-13.424-14.250-≤15-PASS



1-N7-15-15-H-3-DFT-16QAM-Outer\_Full-75@0-Ant1  
-13.465-14.370-≤15-PASS

1-N7-15-15-H-4-DFT-64QAM-Outer\_Full-75@0-Ant1  
-13.438-14.310-≤15-PASS



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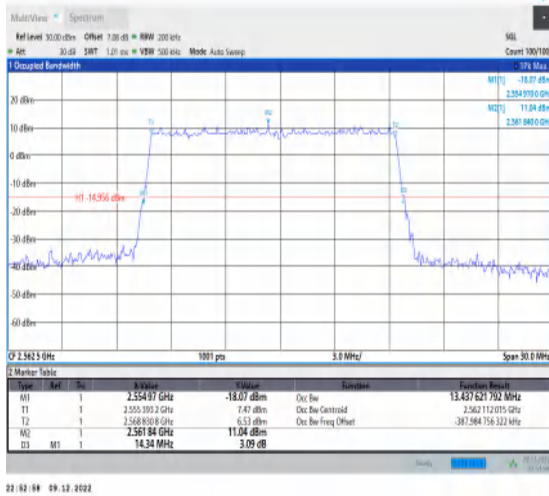
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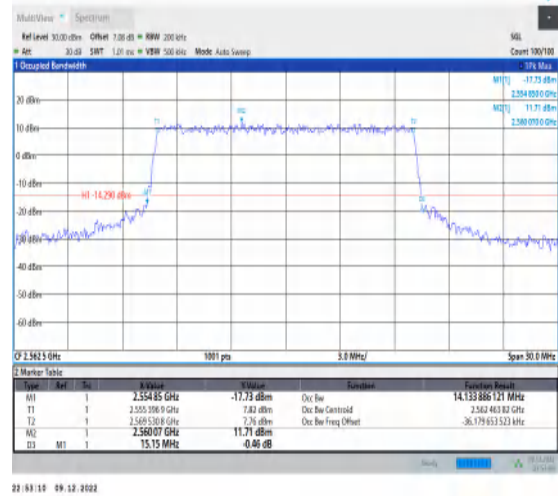
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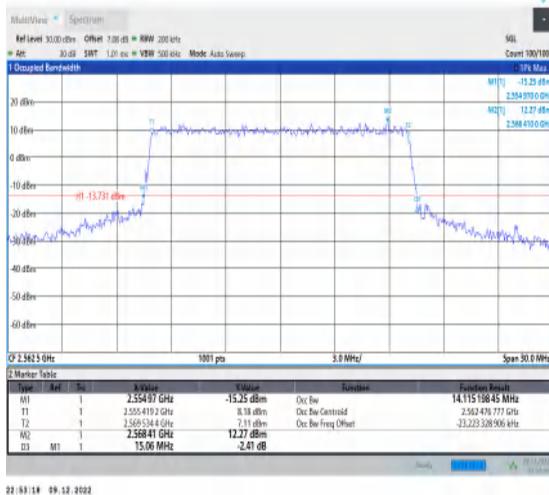
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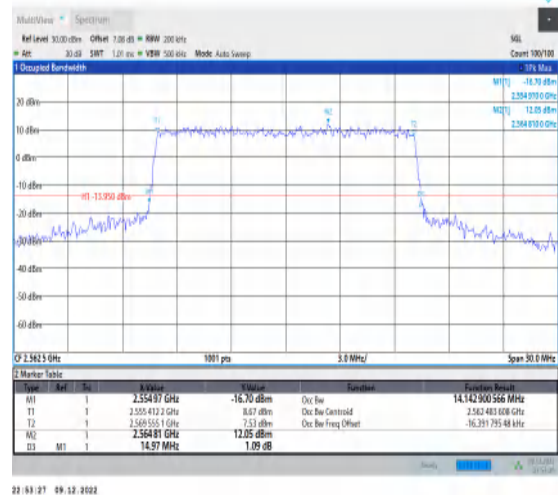
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1-13.438-14.340≤15-PASS



1-N7-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-1  
4.134-15.150≤15-PASS



1-N7-15-15-H-7-CP-16QAM-Outer\_Full-79@0-Ant1-  
14.115-15.060≤15-PASS



1-N7-15-15-H-8-CP-64QAM-Outer\_Full-79@0-Ant1-  
14.143-14.970≤15-PASS



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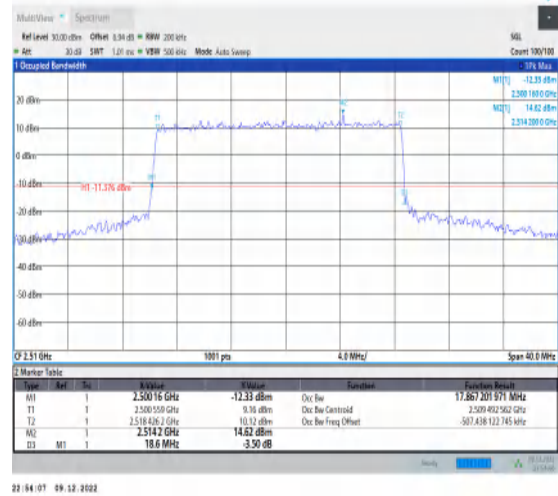
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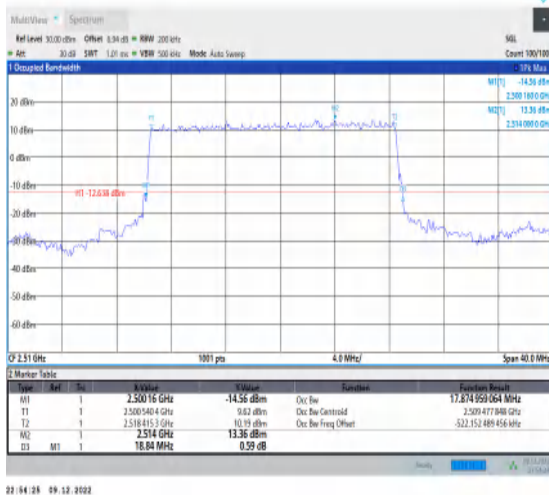
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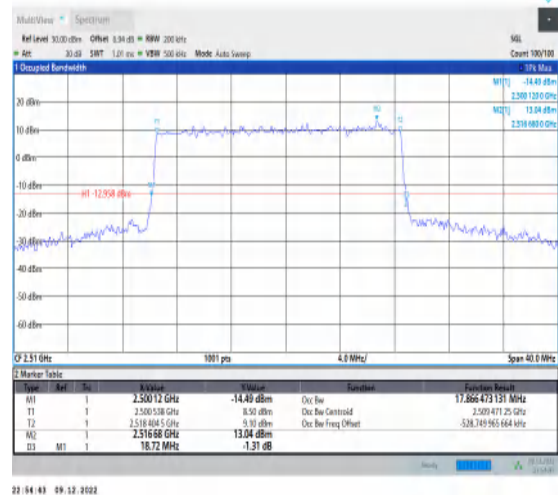
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1-17.866-18.720-≤20-PASS



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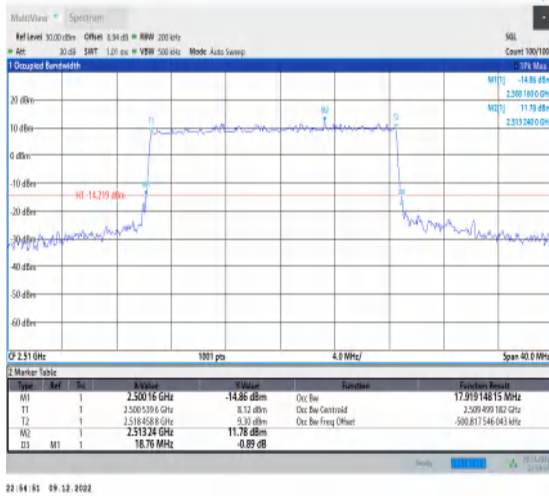
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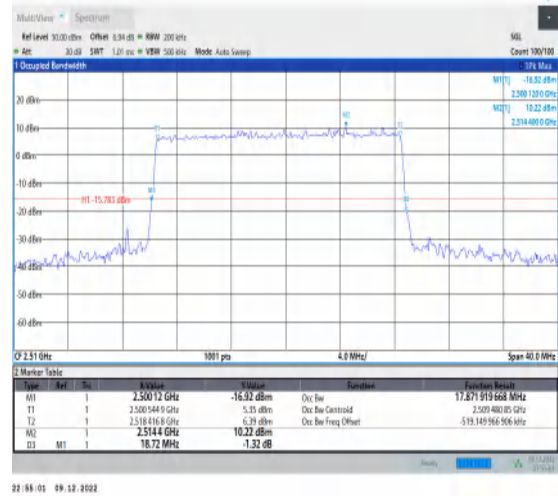
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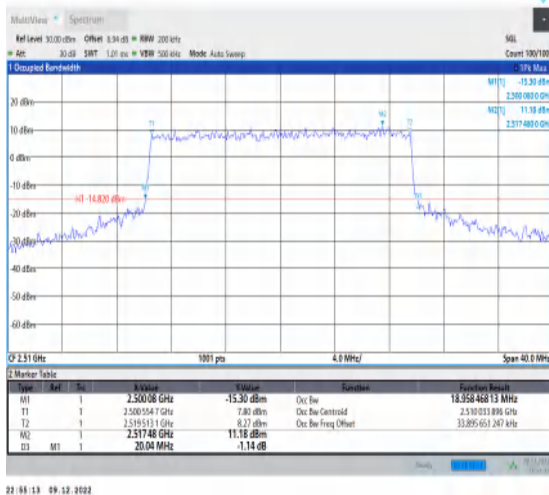
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1-17.919-18.760-≤20-PASS



1-N7-15-20-L-5-DFT-256QAM-Outer\_Full-100@0-An  
t1-17.872-18.720-≤20-PASS



1-N7-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1  
8.958-20.040-≤20-PASS



1-N7-15-20-L-7-CP-16QAM-Outer\_Full-106@0-Ant1  
-18.958-20.120-≤20-PASS



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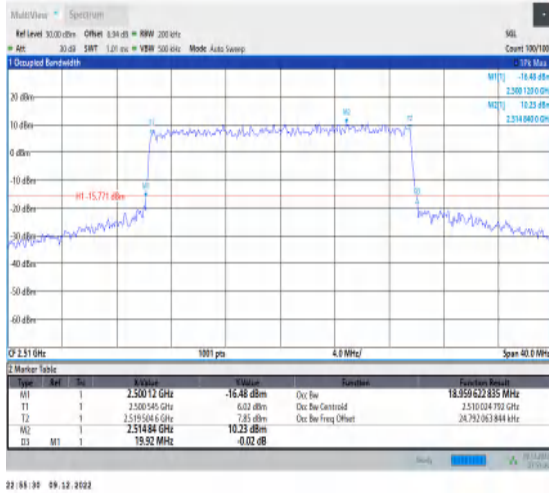
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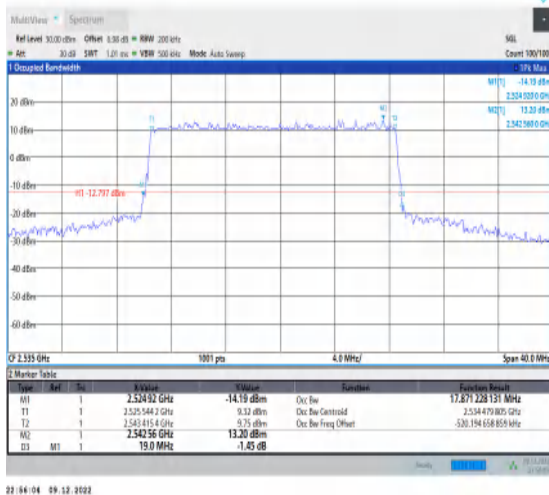
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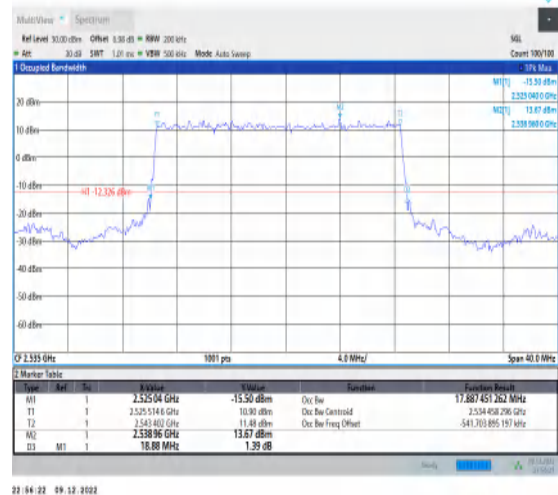
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-18.967-19.920-≤20-PASS



1-N7-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1  
-17.871-19.000-≤20-PASS



1-N7-15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1  
-17.887-18.880-≤20-PASS



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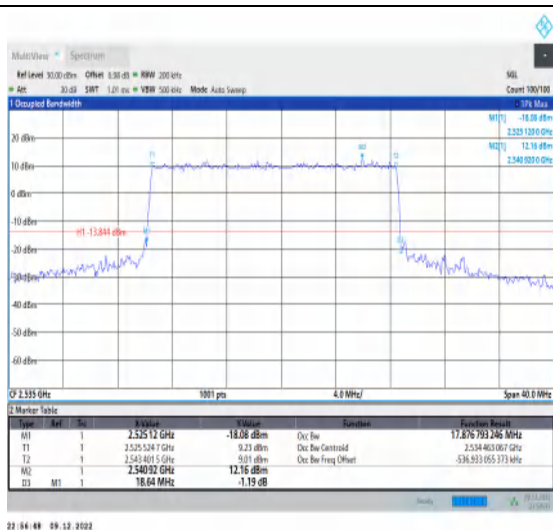
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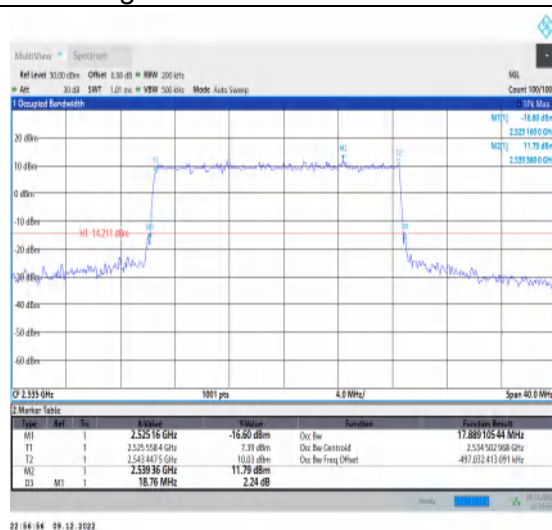
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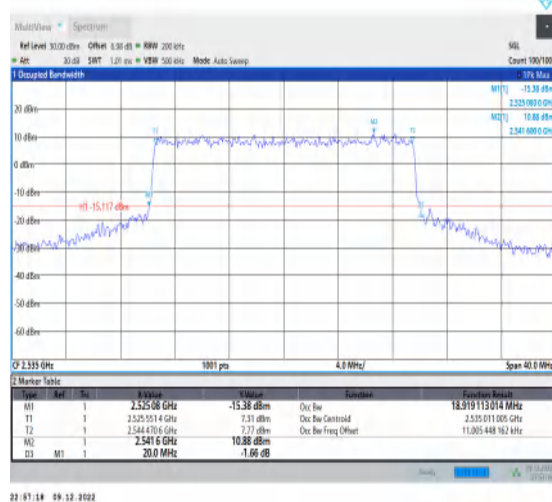
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1-N7-15-20-M-4-DFT-64QAM-Outer\_Full-100@0-Ant  
1-17.889-18.760-≤20-PASS



1-N7-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-A  
nt1-17.825-18.680-≤20-PASS



1-N7-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1  
18.919-20.000-≤20-PASS



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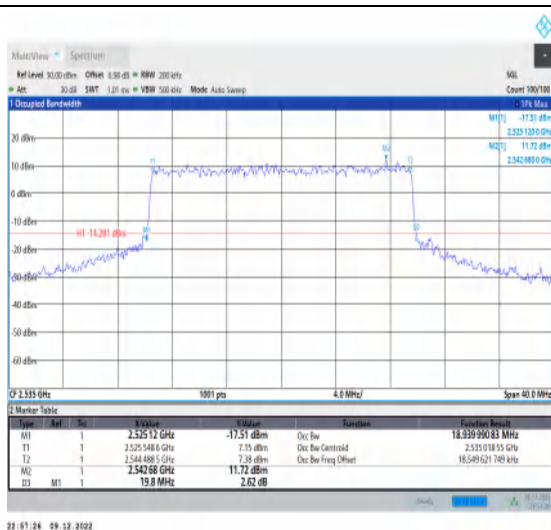
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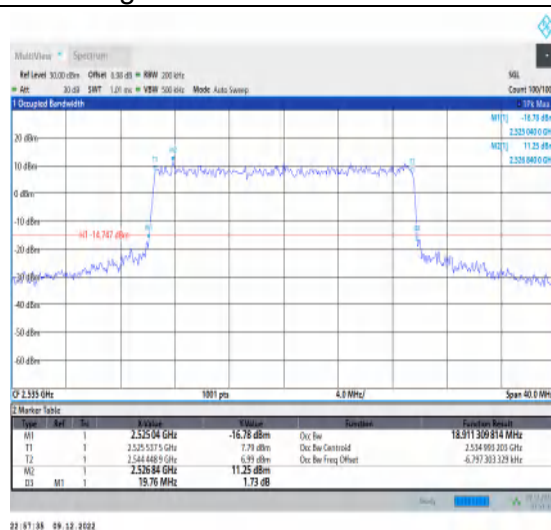
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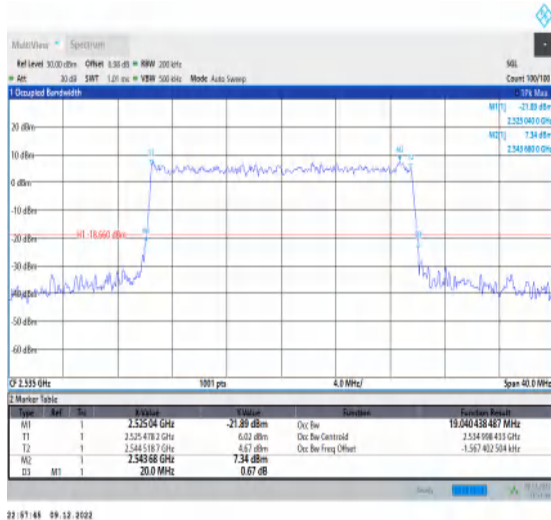
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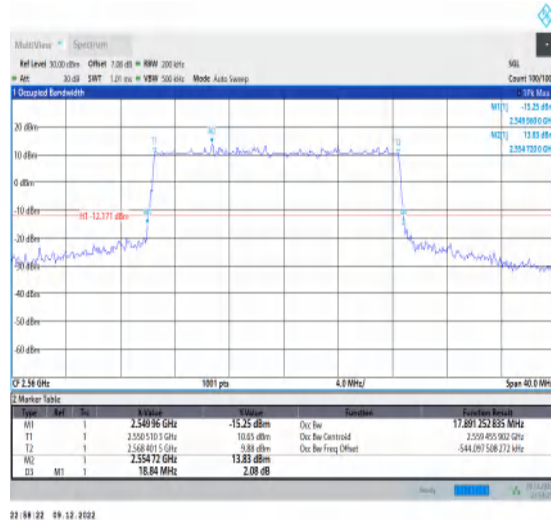
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1-N7-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1  
-18.911-19.760-≤20-PASS



1-N7-15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant  
1-19.04-20.000-≤20-PASS



1-N7-15-20-H-1-DFT-QPSK-Outer\_Full-100@0-Ant1  
-17.891-18.840-≤20-PASS



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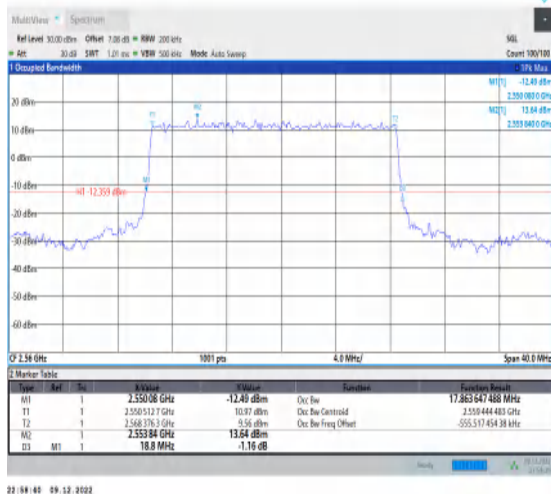
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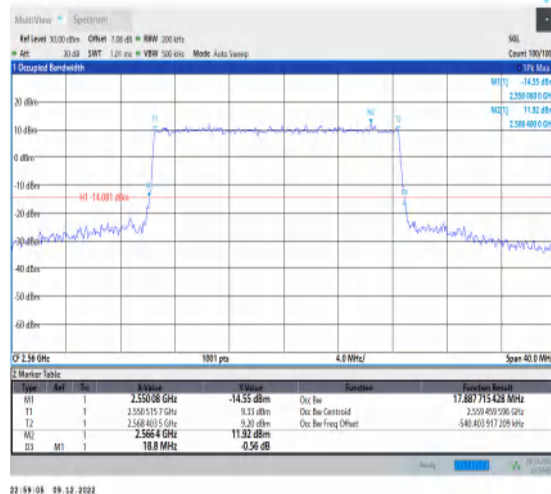
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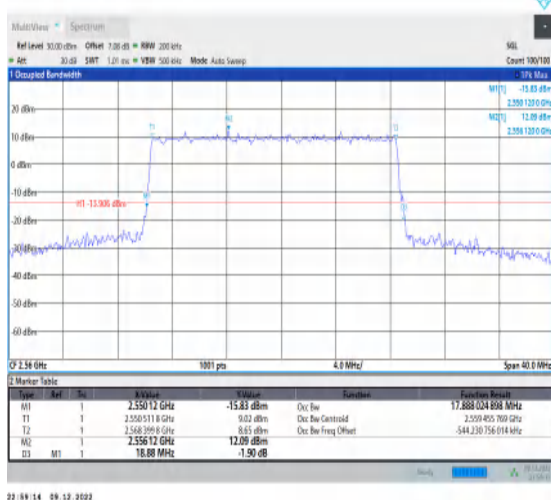
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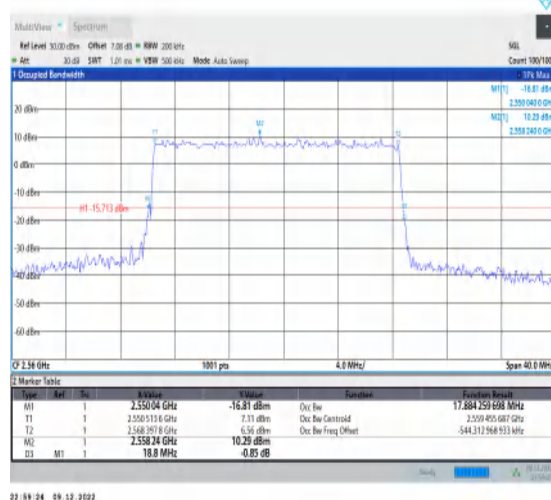
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1-17.888-18.800-≤20-PASS



1-N7-15-20-H-4-DFT-64QAM-Outet\_Full-100@0-Ant  
1-17.888-18.880-≤20-PASS



1-N7-15-20-H-5-DFT-256QAM-Outet\_Full-100@0-A  
nt1-17.884-18.800-≤20-PASS



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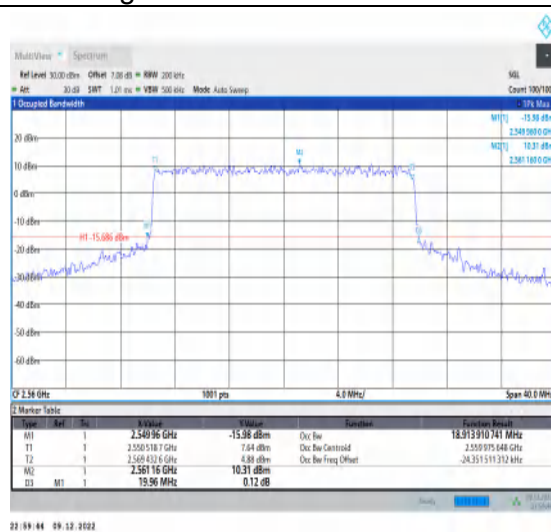
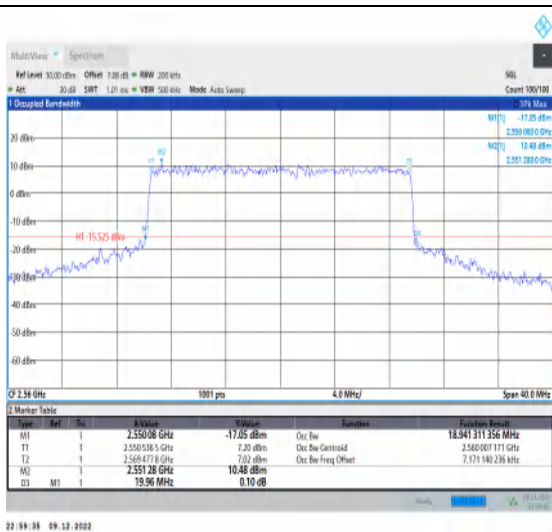
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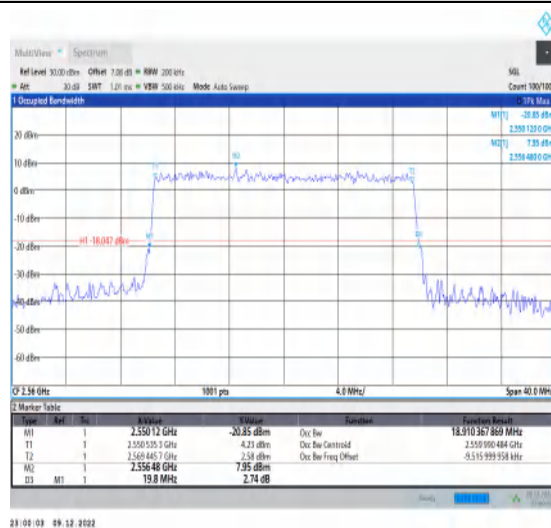
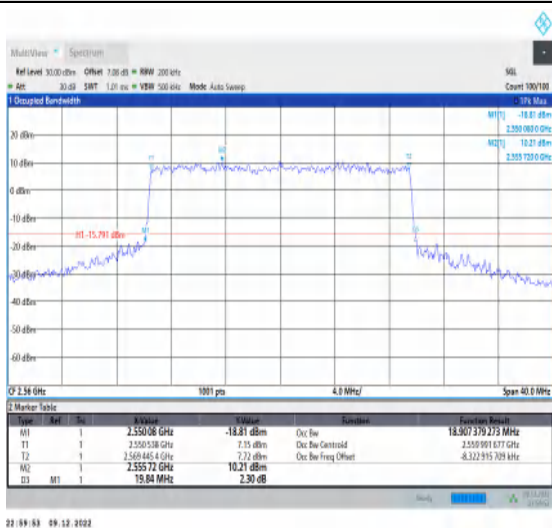
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1-N7-15-20-H-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.914-19.960-≤20-PASS



1-N7-15-20-H-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.907-19.840-≤20-PASS

1-N7-15-20-H-9-CP-256QAM-Outer\_Full-106@0-Ant1-18.91-19.800-≤20-PASS



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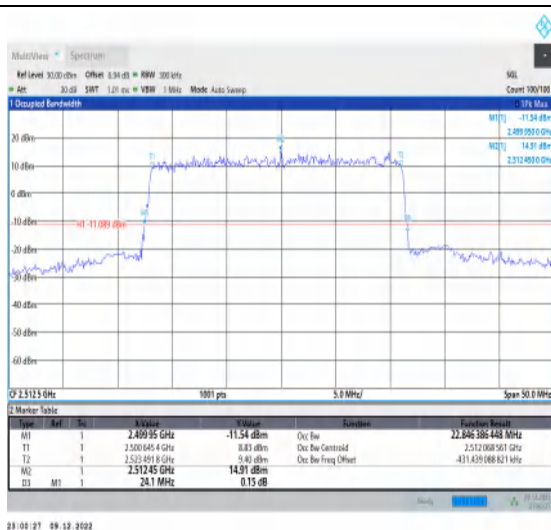
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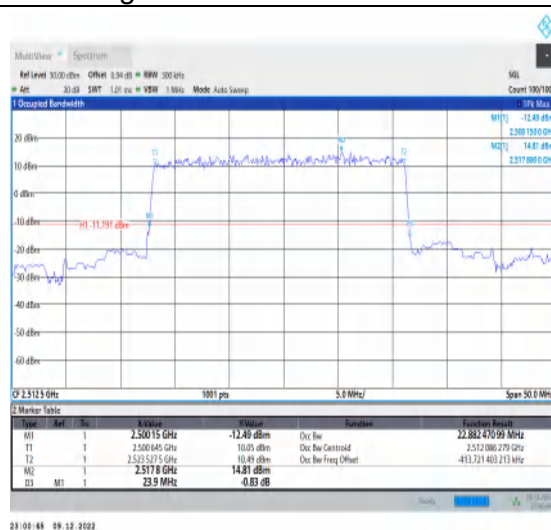
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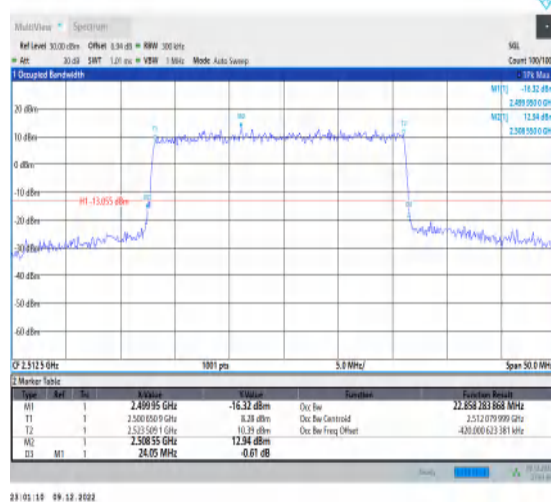
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1-N7-15-25-L-3-DFT-16QAM-Outer\_Full-128@0-Ant1-22.904-24.050-≤25-PASS



1-N7-15-25-L-4-DFT-64QAM-Outer\_Full-128@0-Ant1-22.858-24.050-≤25-PASS



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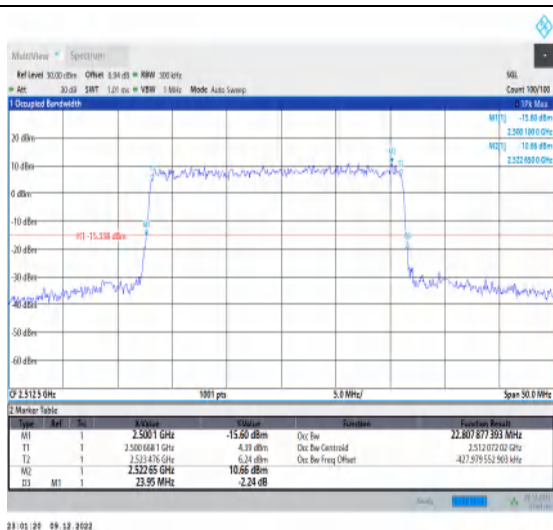
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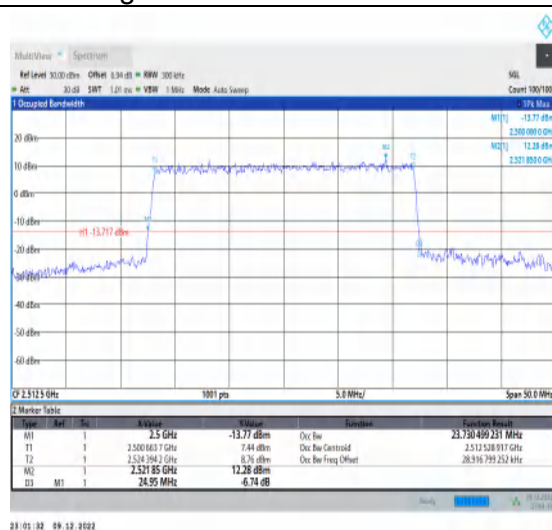
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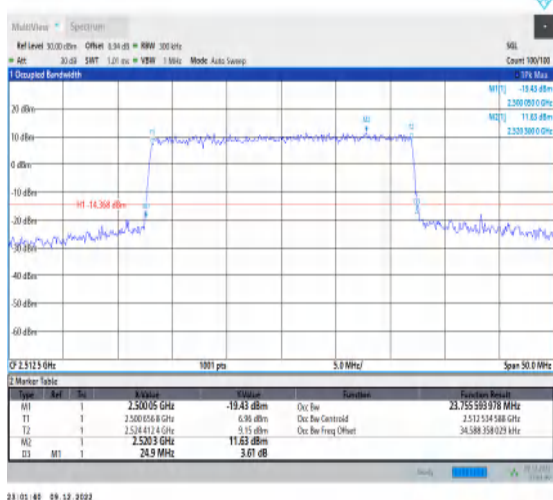
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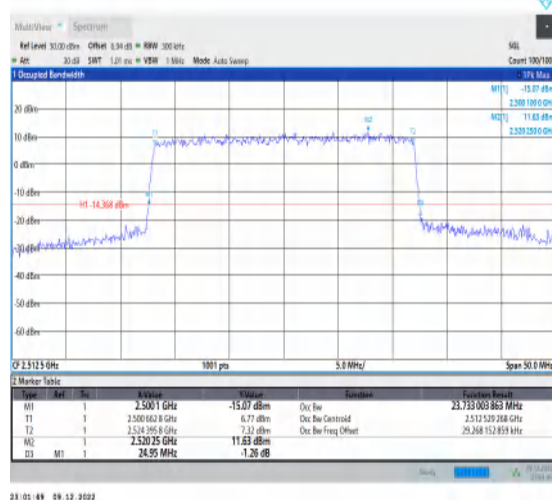
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3.73-24.950-≤25-PASS



1-N7-15-25-L-7-CP-16QAM-Outer\_Full-133@0-Ant1  
-23.756-24.900-≤25-PASS



1-N7-15-25-L-8-CP-64QAM-Outer\_Full-133@0-Ant1  
-23.733-24.950-≤25-PASS



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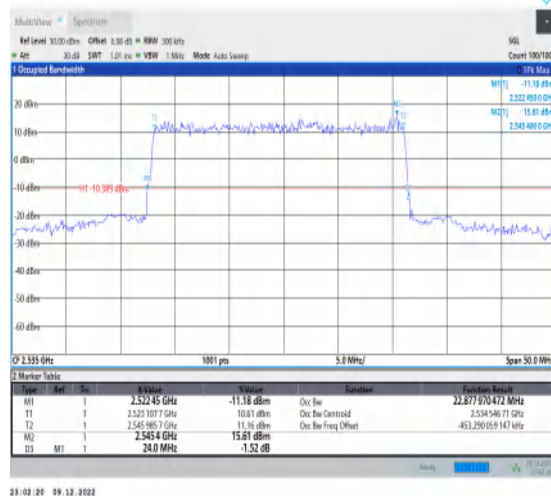
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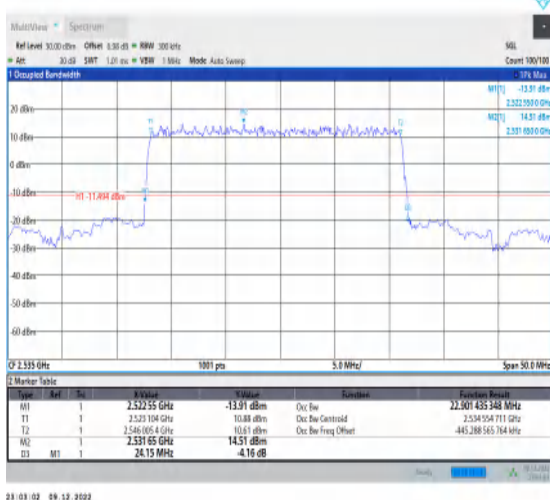
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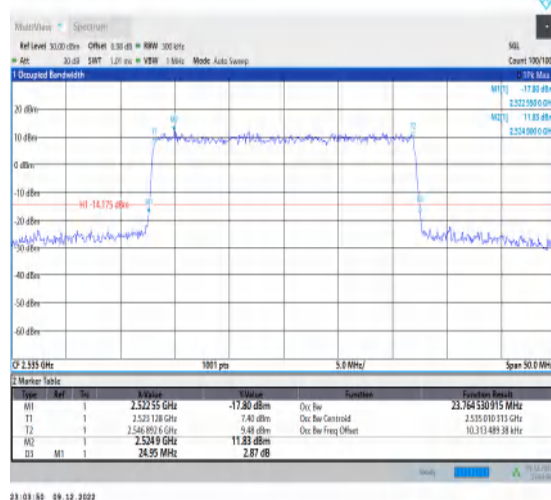
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1-N7-15-25-M-2-DFT-PI2BPSK-Outer\_Full-128@0-A  
nt1-22.901-24.150-≤25-PASS



1-N7-15-25-M-3-DFT-16QAM-Outer\_Full-128@0-Ant  
1-22.993-24.000-≤25-PASS



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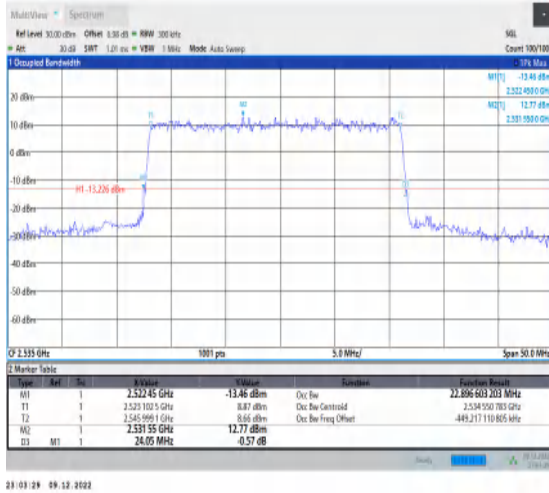
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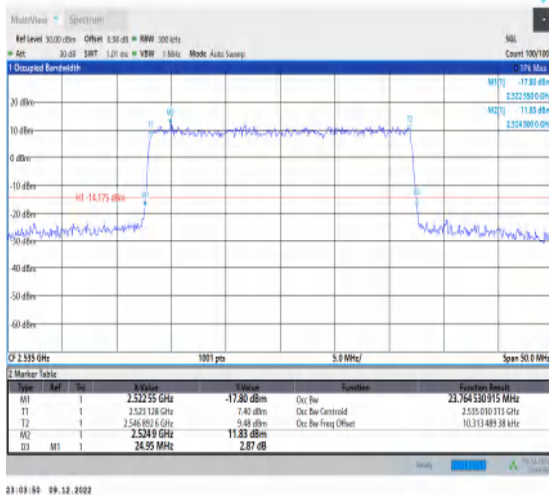
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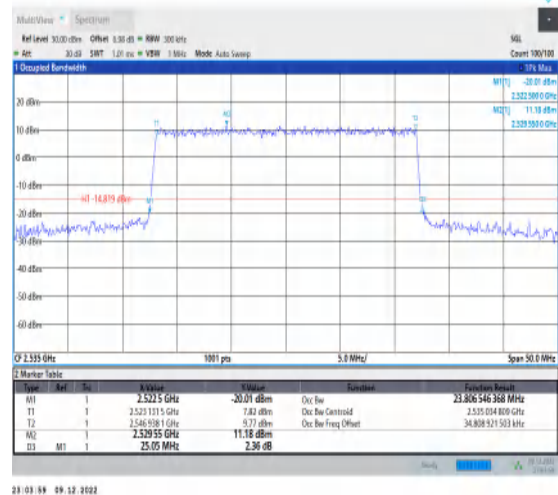
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1-N7-15-25-M-6-CP-QPSK-Outer\_Full-133@0-Ant1-  
23.765-24.950-≤25-PASS



1-N7-15-25-M-7-CP-16QAM-Outer\_Full-133@0-Ant1  
-23.807-25.050-≤25-PASS



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1-N7-15-25-M-8-CP-64QAM-Outer\_Full-133@0-Ant1  
-23.721-25.000-≤25-PASS



1-N7-15-25-M-9-CP-256QAM-Outer\_Full-133@0-Ant1  
1-23.806-24.800-≤25-PASS



1-N7-15-25-H-1-DFT-QPSK-Outer\_Full-128@0-Ant1  
-22.898-24.000-≤25-PASS



1-N7-15-25-H-2-DFT-PI2BPSK-Outer\_Full-128@0-Ant1  
nt1-22.877-24.000-≤25-PASS



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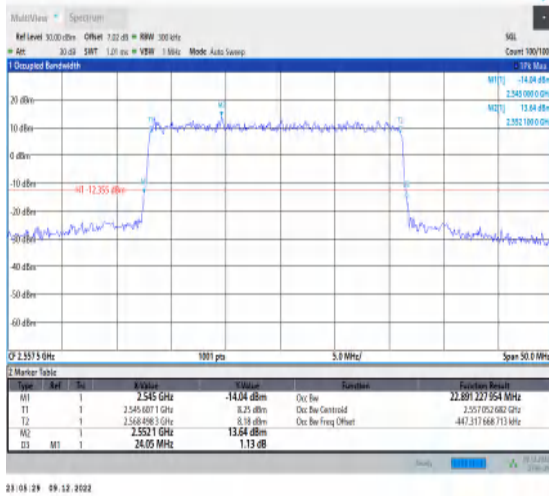
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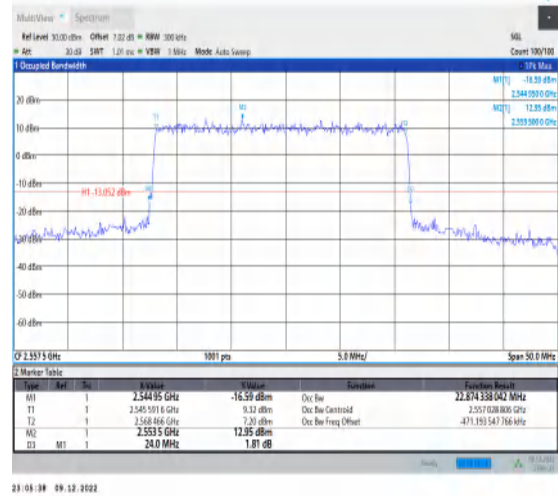
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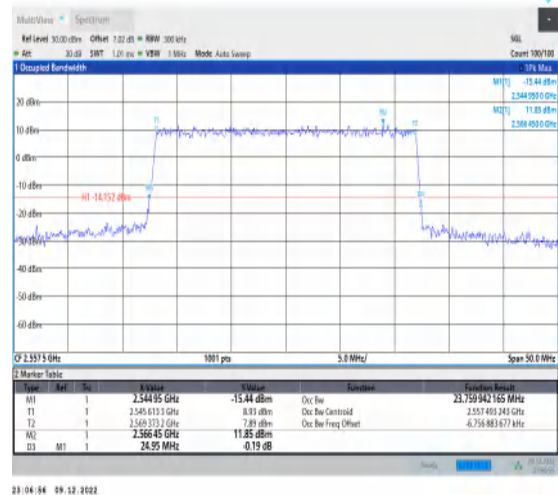
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1-22.891-24.050-≤25-PASS



1-N7-15-25-H-4-DFT-64QAM-Outer\_Full-128@0-Ant  
1-22.874-24.000-≤25-PASS



1-N7-15-25-H-5-DFT-256QAM-Outer\_Full-128@0-A  
nt1-22.876-23.950-≤25-PASS



1-N7-15-25-H-6-CP-QPSK-Outer\_Full-133@0-Ant1  
23.76-24.950-≤25-PASS



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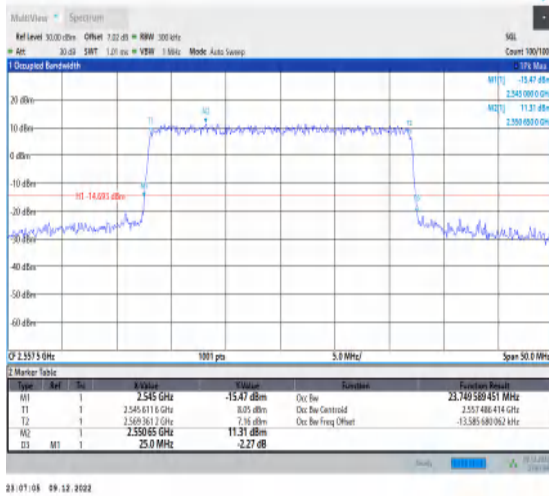
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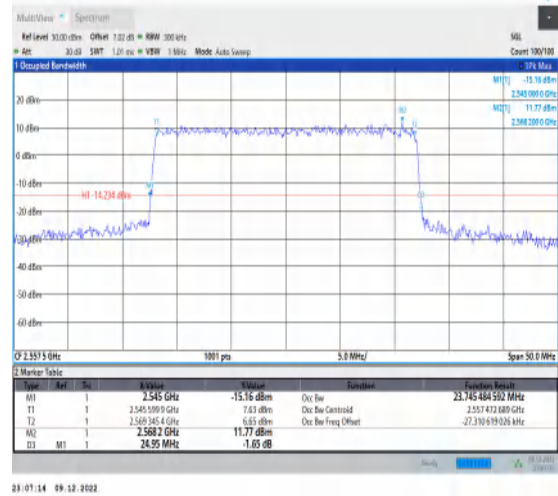
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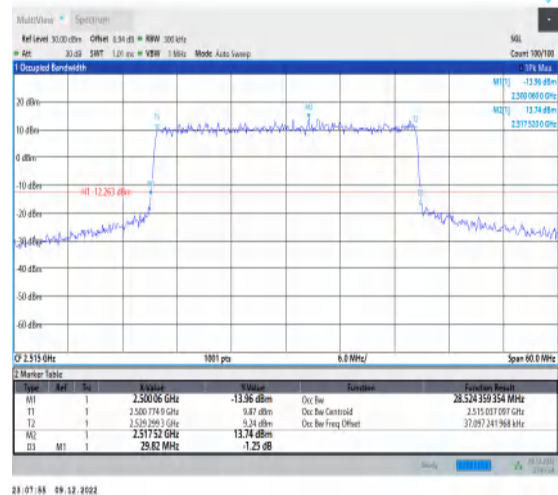
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-23.75-25.000-≤25-PASS



1-N7-15-25-H-8-CP-64QAM-Outer\_Full-133@0-Ant1  
-23.745-24.950-≤25-PASS



1-N7-15-25-H-9-CP-256QAM-Outer\_Full-133@0-Ant1  
1-23.744-24.750-≤25-PASS



1-N7-15-30-L-1-DFT-QPSK-Outer\_Full-160@0-Ant1-  
28.524-29.820-≤30-PASS



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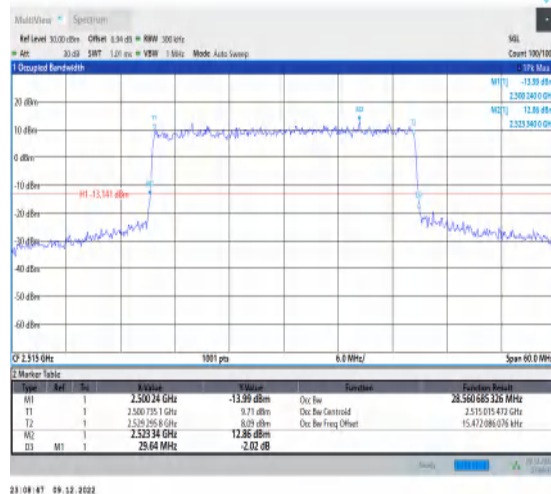
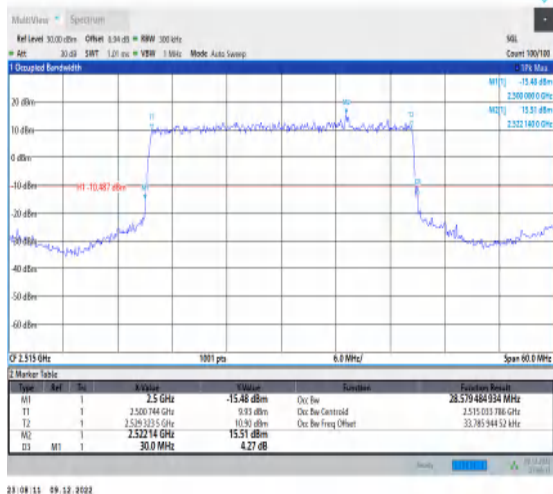
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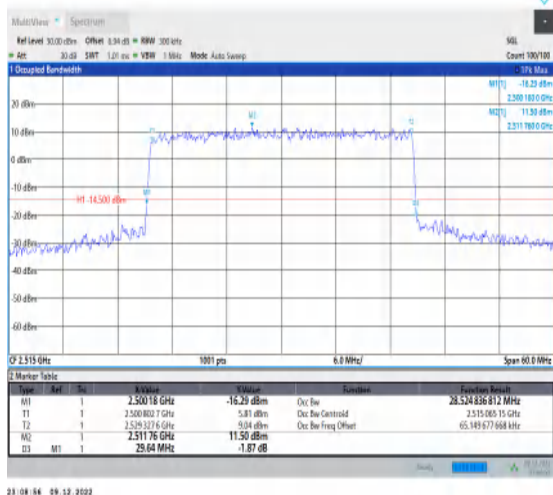
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1-N7-15-30-L-2-DFT-PI2BPSK-Outer\_Full-160@0-A  
nt1-28.579-30.000-≤30-PASS

1-N7-15-30-L-3-DFT-16QAM-Outer\_Full-160@0-Ant  
1-28.561-29.640-≤30-PASS



1-N7-15-30-L-4-DFT-64QAM-Outer\_Full-160@0-Ant  
1-28.525-29.640-≤30-PASS

1-N7-15-30-L-5-DFT-256QAM-Outer\_Full-160@0-Ant  
1-28.584-29.580-≤30-PASS



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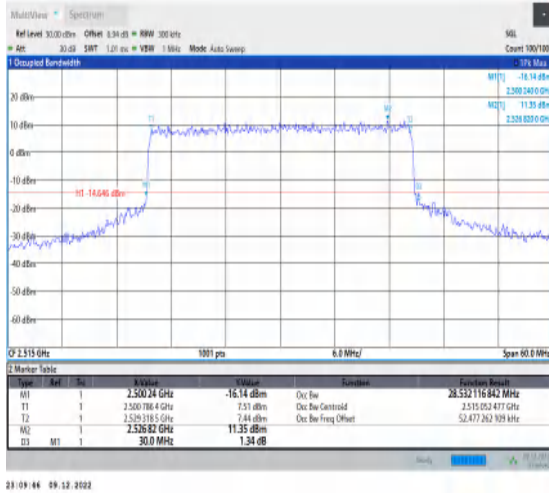
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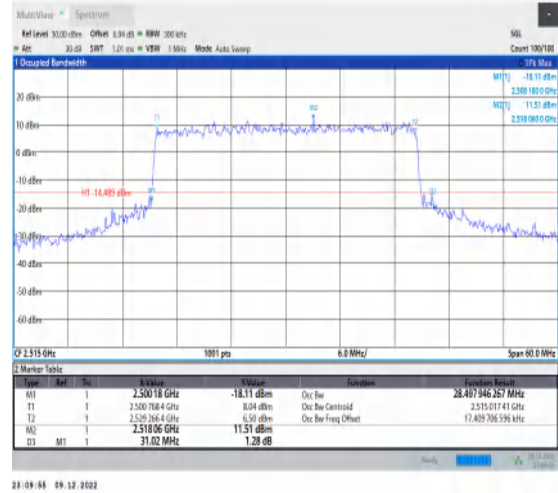
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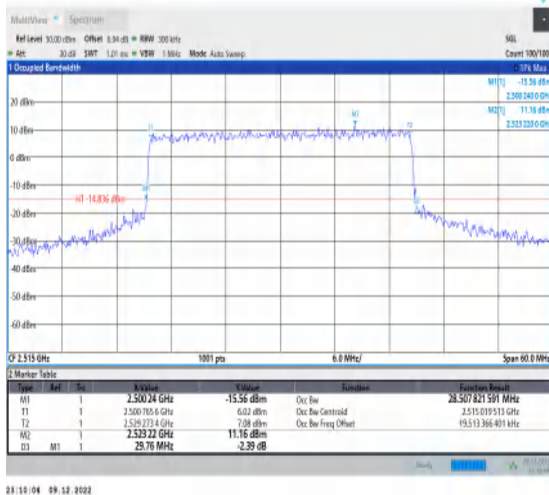
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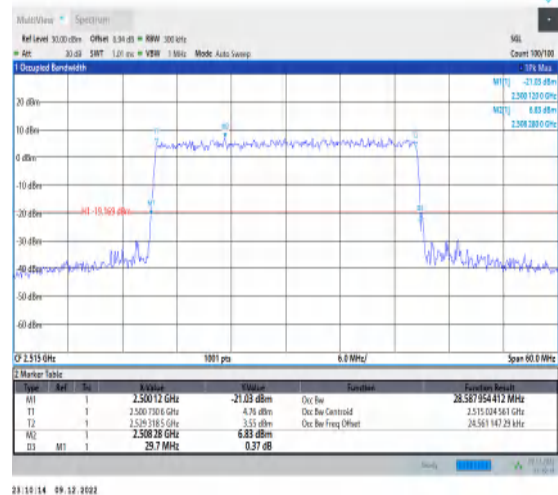
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1-N7-15-30-L-7-CP-16QAM-Outet\_Full-160@0-Ant1  
-28.498-31.020-≤30-PASS



1-N7-15-30-L-8-CP-64QAM-Outet\_Full-160@0-Ant1  
-28.508-29.760-≤30-PASS



1-N7-15-30-L-9-CP-256QAM-Outet\_Full-160@0-Ant1  
1-28.588-29.700-≤30-PASS



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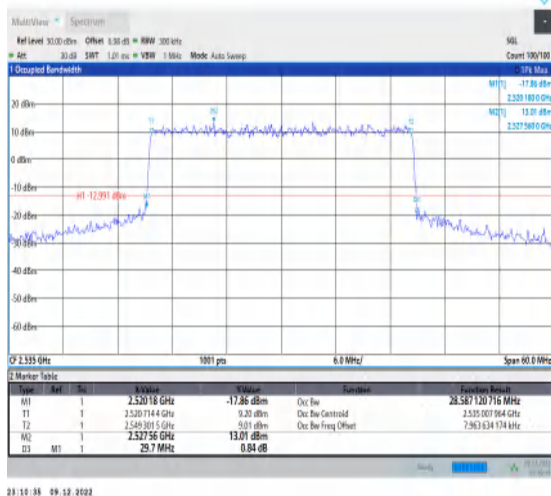
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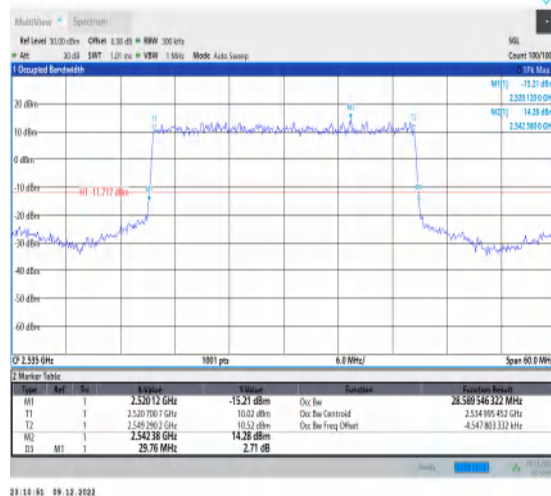
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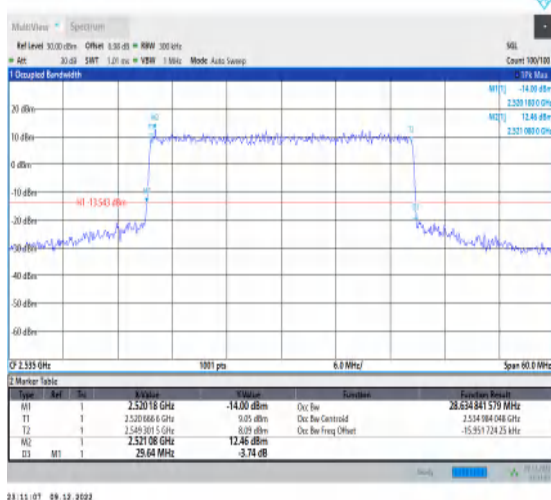
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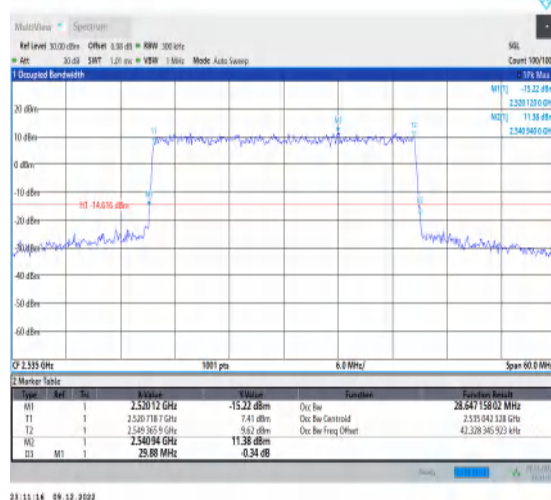
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-28.587-29.700-≤30-PASS



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1-N7-15-30-M-3-DFT-16QAM-Outer\_Full-160@0-Ant1  
1-28.635-29.640-≤30-PASS



1-N7-15-30-M-4-DFT-64QAM-Outer\_Full-160@0-Ant1  
1-28.647-29.880-≤30-PASS



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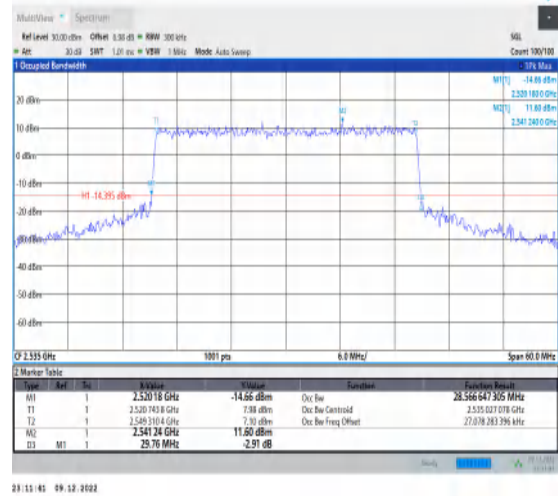
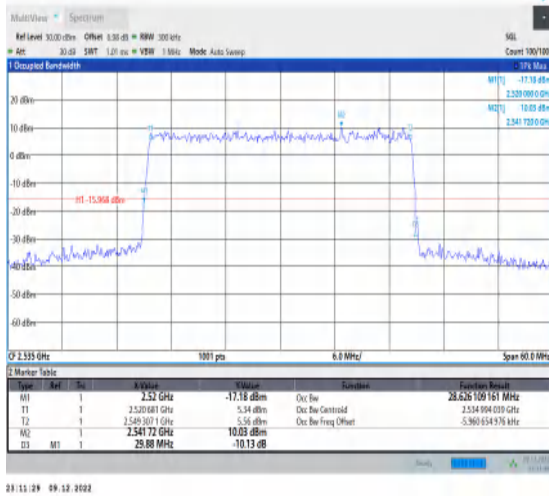
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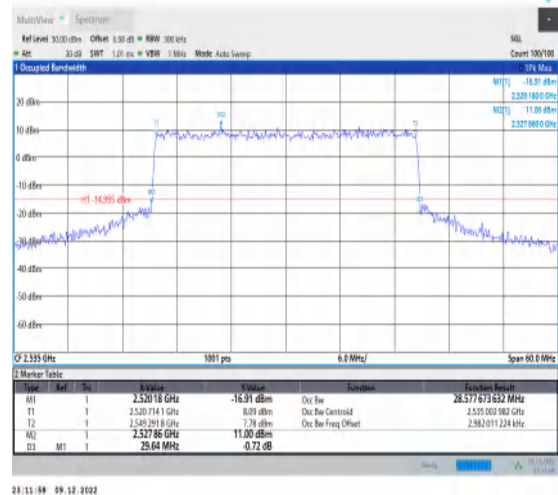
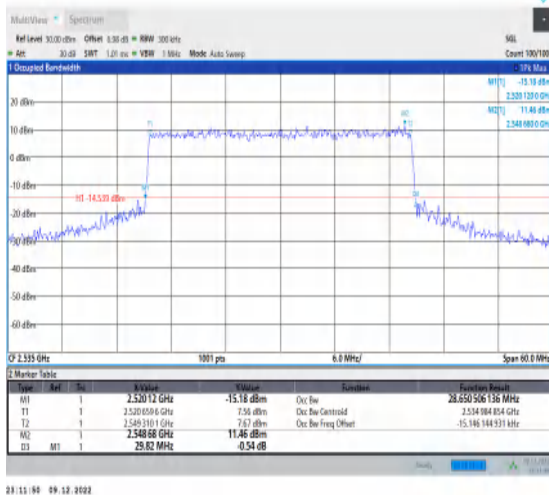
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nt1-28.626-29.880-≤30-PASS

1-N7-15-30-M-6-CP-QPSK-Outer\_Full-160@0-Ant1-  
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1-N7-15-30-M-7-CP-16QAM-Outer\_Full-160@0-Ant1  
-28.651-29.820-≤30-PASS

1-N7-15-30-M-8-CP-64QAM-Outer\_Full-160@0-Ant1  
-28.578-29.640-≤30-PASS



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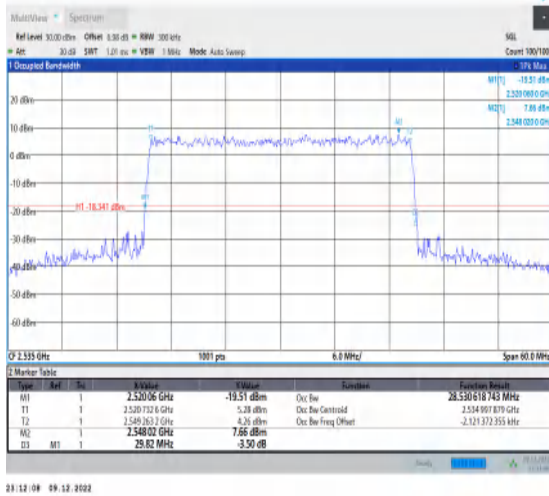
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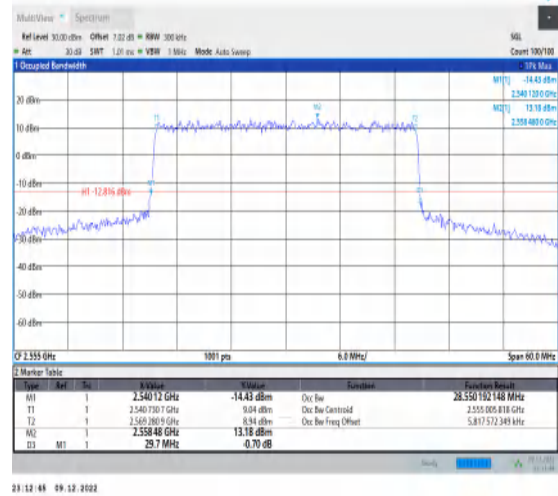
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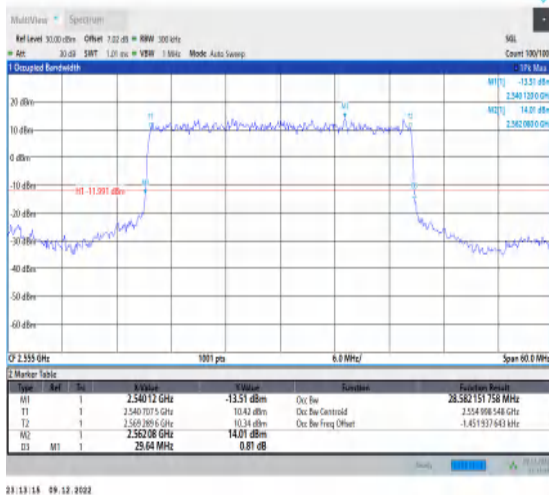
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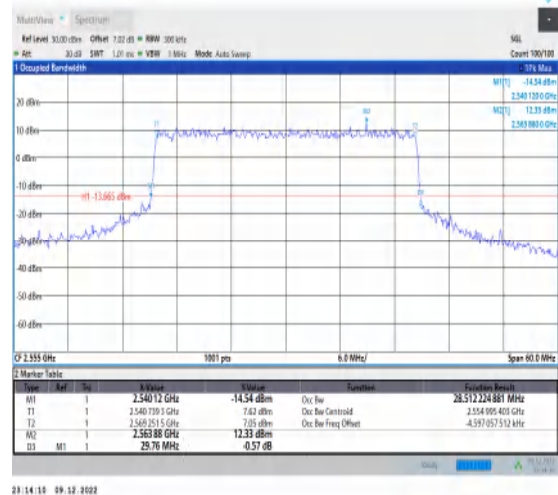
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1-N7-15-30-H-2-DFT-P12BPSK-Outer\_Full-160@0-A  
nt1-28.582-29.640-≤30-PASS



1-N7-15-30-H-3-DFT-16QAM-Outer\_Full-160@0-Ant  
1-28.607-29.640-≤30-PASS



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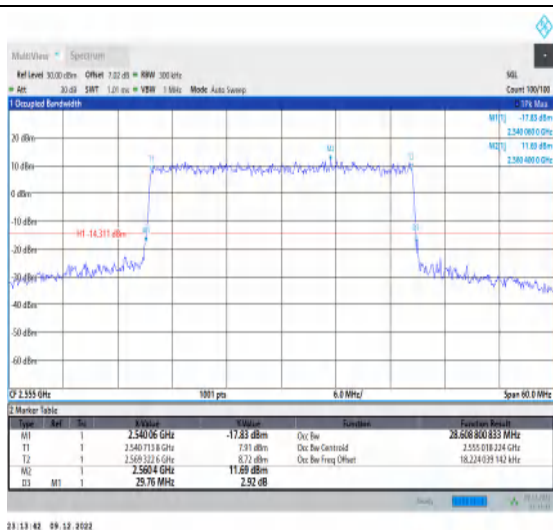
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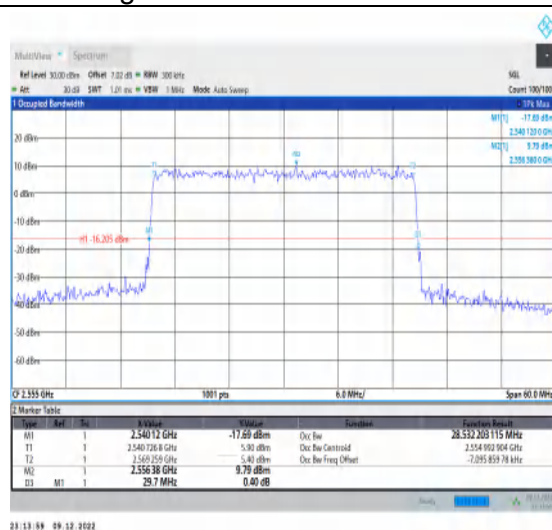
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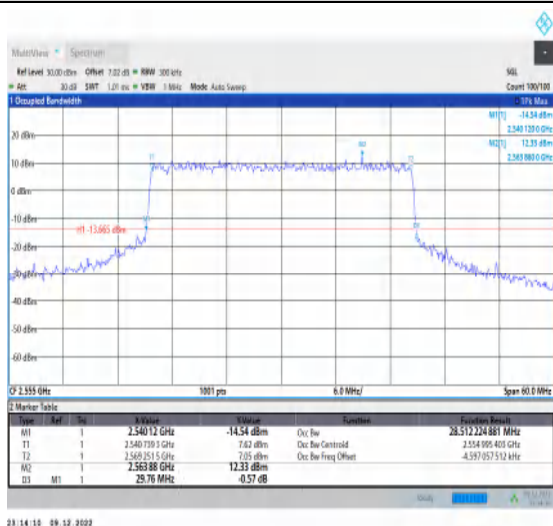
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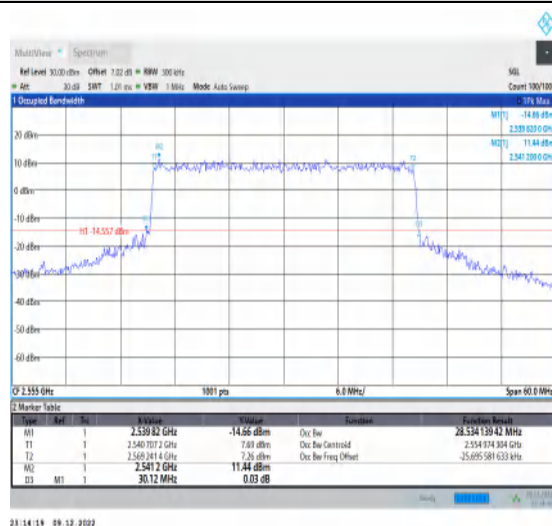
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1-N7-15-30-H-7-CP-16QAM-Outer\_Full-160@0-Ant1  
-28.534-30.120-≤30-PASS



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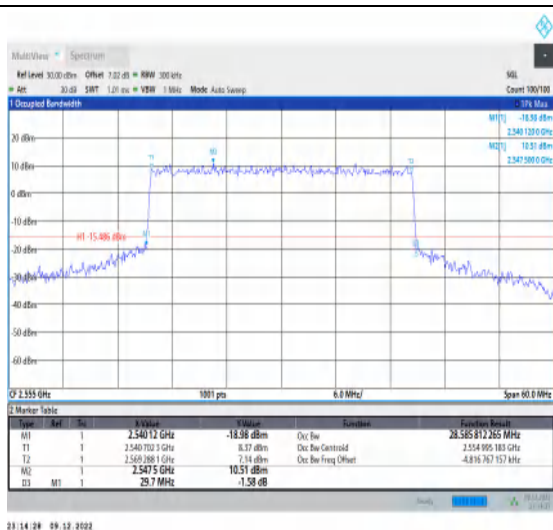
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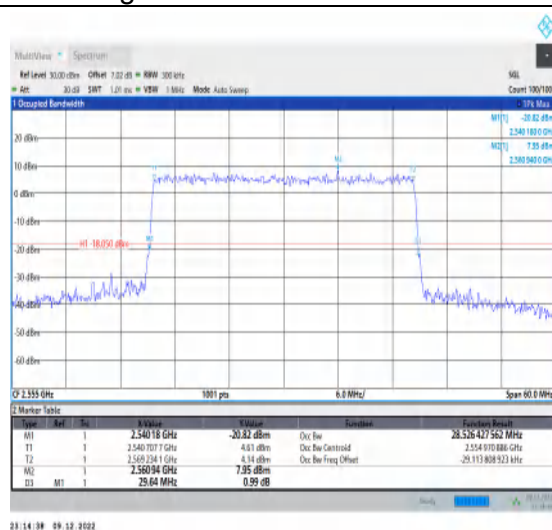
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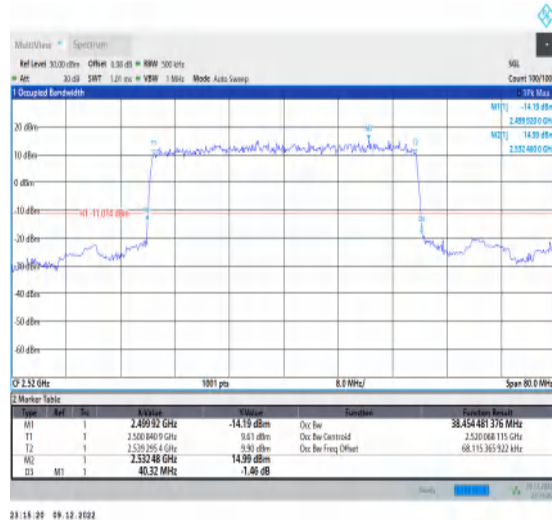
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1-N7-15-40-L-1-DFT-QPSK-Outer\_Full-216@0-Ant1-  
38.54-40.160-≤40-PASS



1-N7-15-40-L-2-DFT-PI2BPSK-Outer\_Full-216@0-Ant1  
38.454-40.320-≤40-PASS



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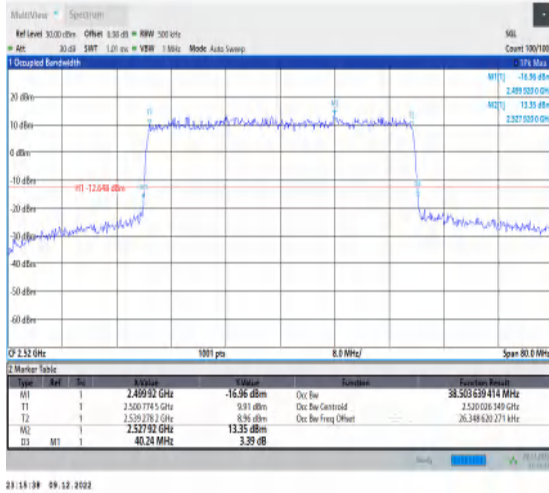
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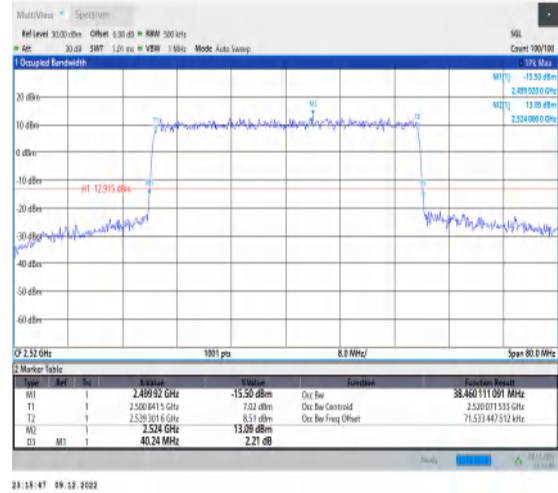
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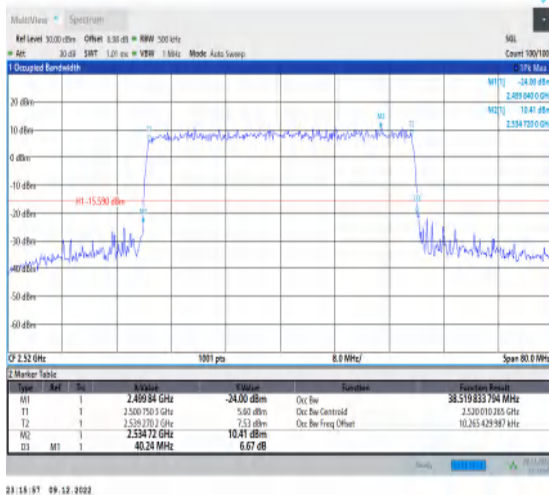
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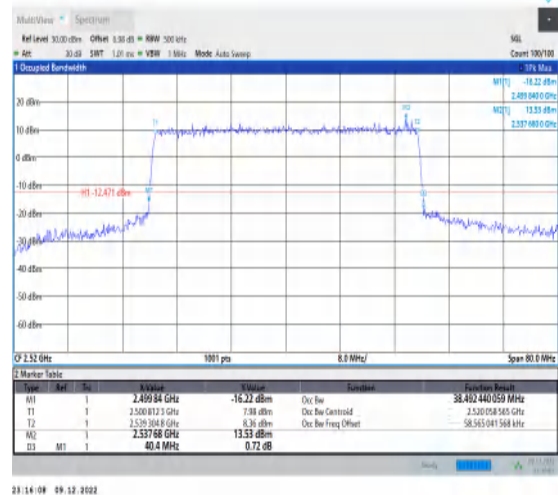
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1-38.46-40.240-≤40-PASS



1-N7-15-40-L-5-DFT-256QAM-Outer\_Full-216@0-Ant  
t1-38.52-40.240-≤40-PASS



1-N7-15-40-L-6-CP-QPSK-Outer\_Full-216@0-Ant1-3  
8.492-40.400-≤40-PASS



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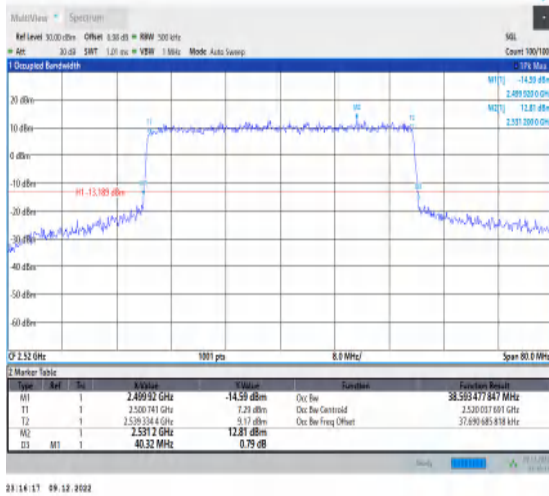
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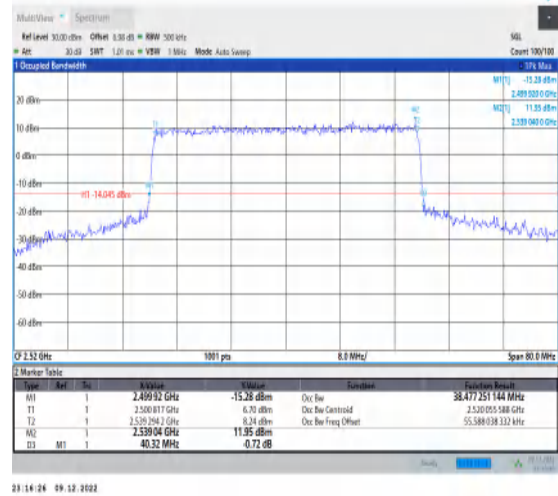
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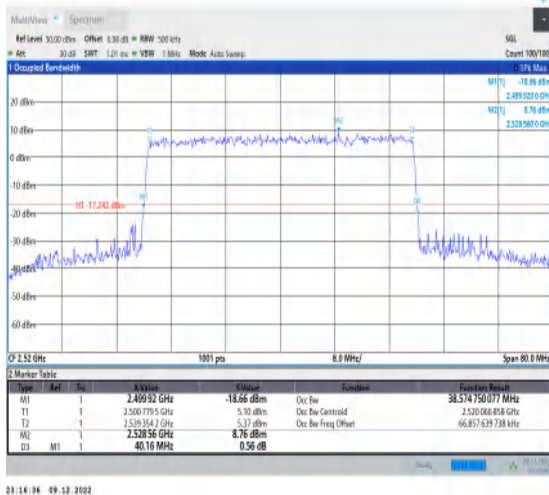
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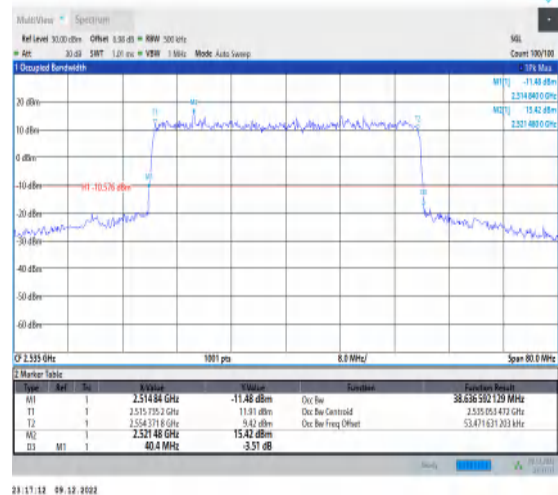
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-38.477-40.320-≤40-PASS



1-N7-15-40-L-9-CP-256QAM-Outer\_Full-216@0-Ant  
1-38.575-40.160-≤40-PASS



1-N7-15-40-M-1-DFT-QPSK-Outer\_Full-216@0-Ant1  
-38.637-40.400-≤40-PASS



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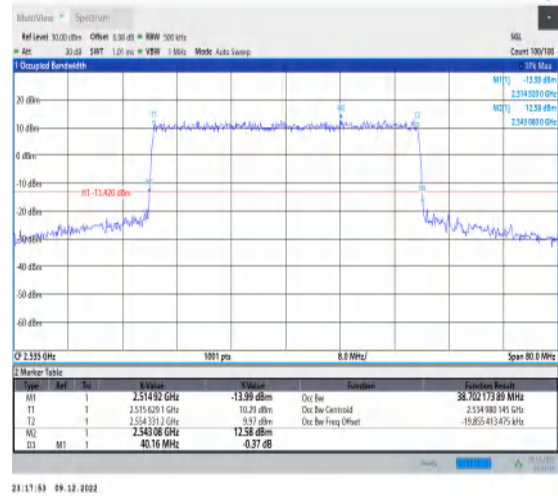
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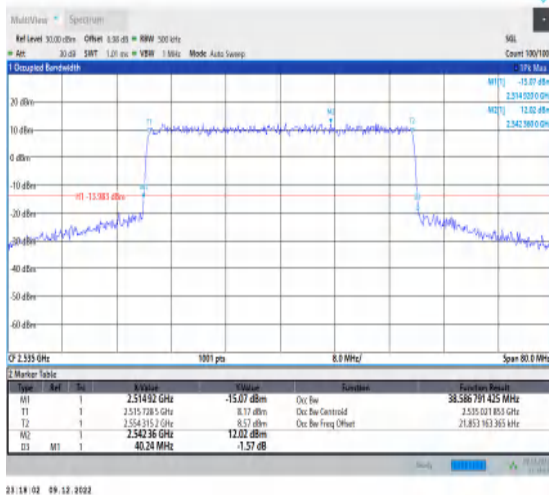
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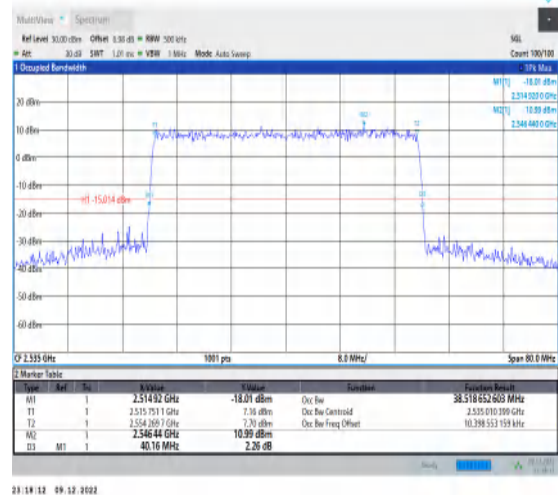
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1-N7-15-40-M-5-DFT-256QAM-Outer\_Full-216@0-A  
nt1-38.519-40.160-≤40-PASS



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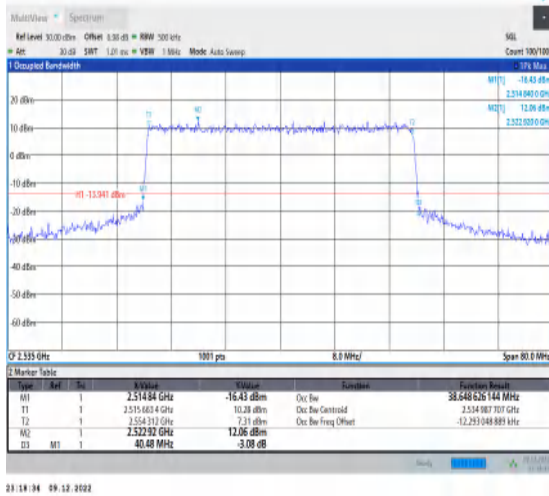
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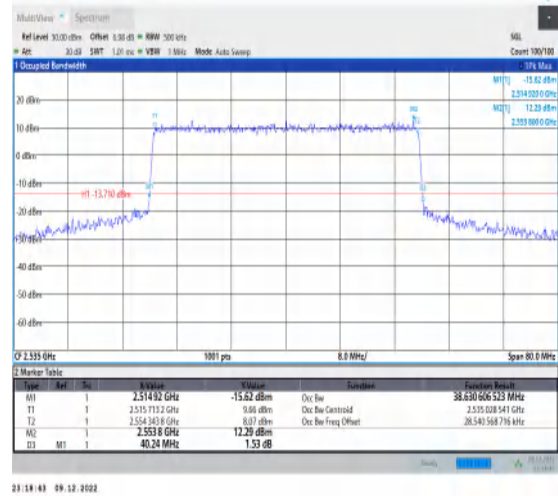
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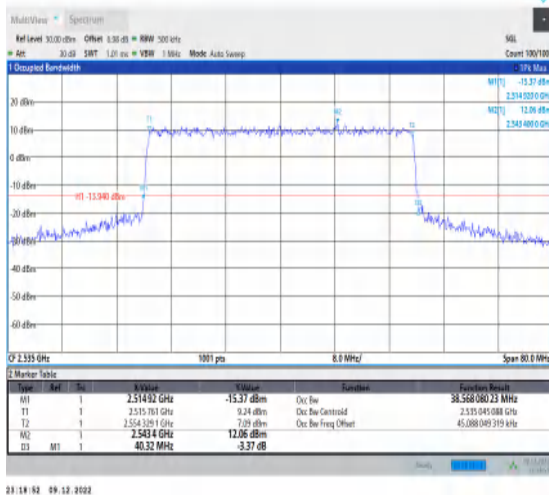
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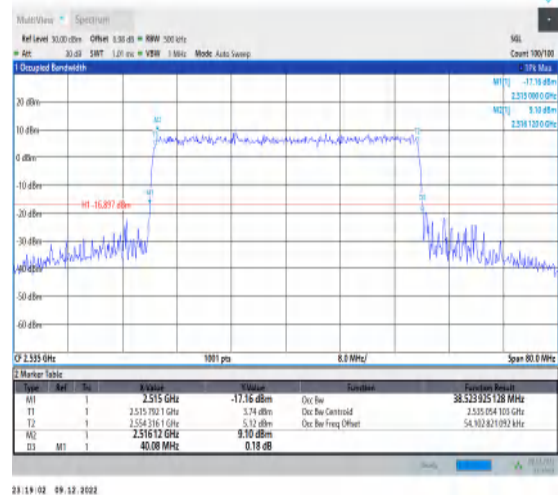
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1-N7-15-40-M-9-CP-256QAM-Outer\_Full-216@0-Ant1  
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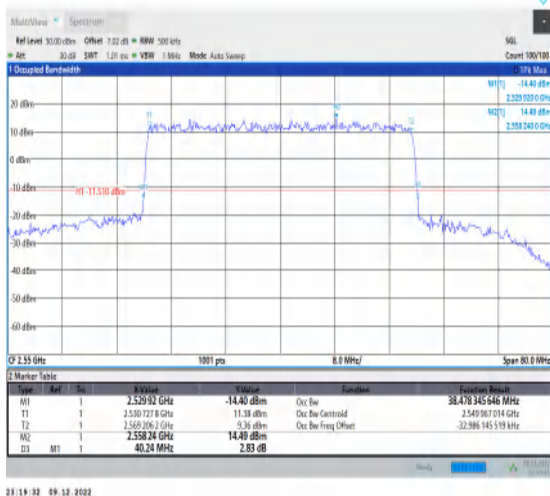
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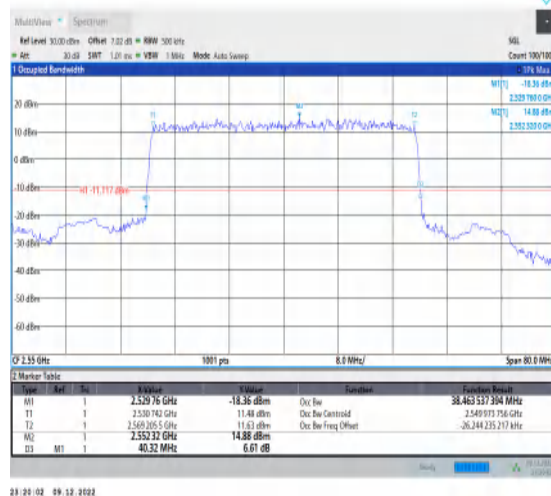
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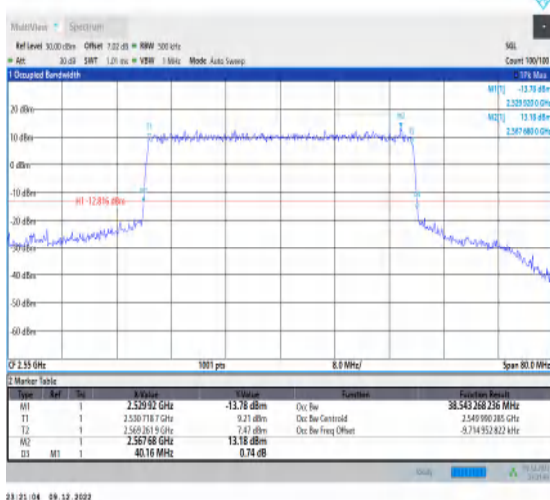
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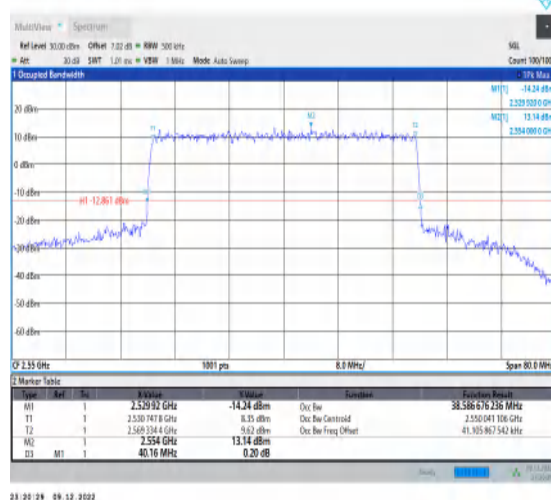
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1-N7-15-40-H-4-DFT-64QAM-Outer\_Full-216@0-Ant1  
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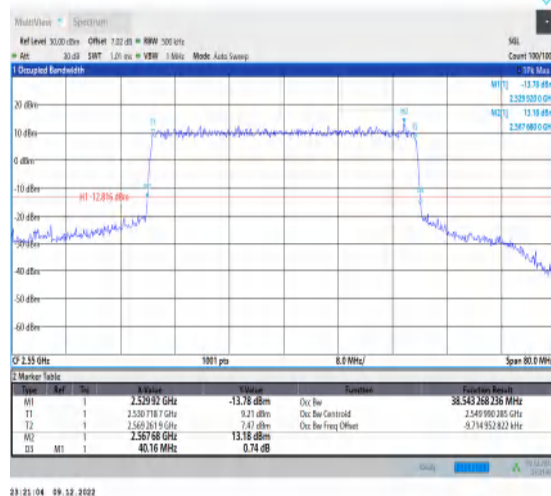
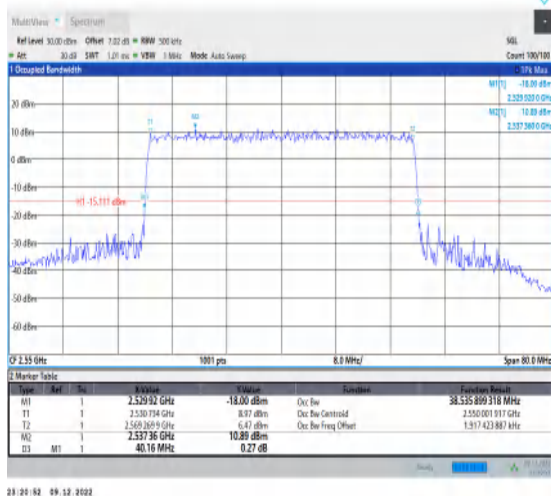
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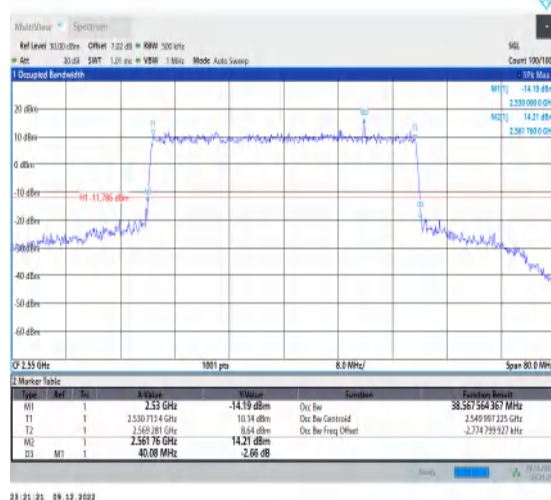
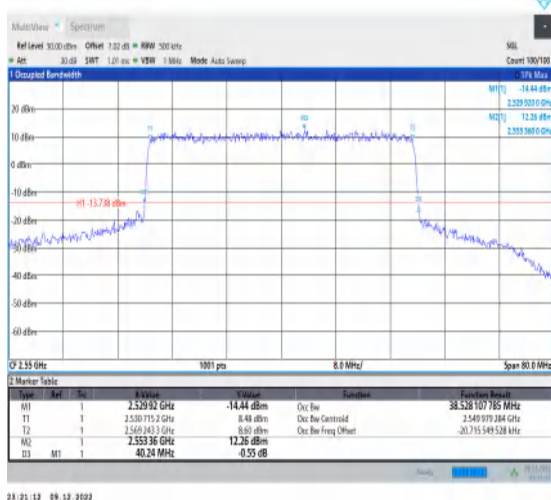
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1-N7-15-40-H-8-CP-64QAM-Outer\_Full-216@0-Ant1-38.568-40.080-≤40-PASS



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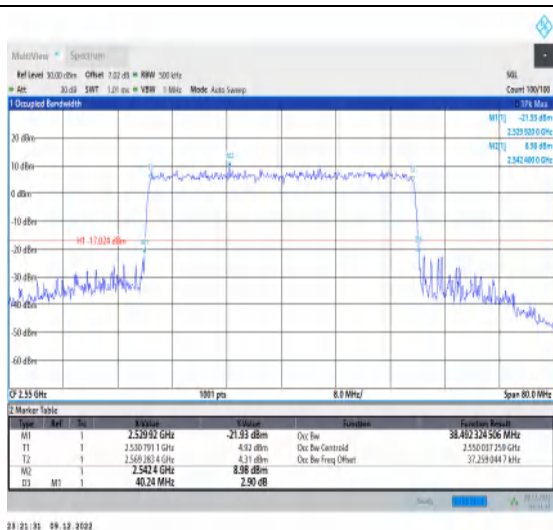
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1-N7-15-40-H-9-CP-256QAM-Outer\_Full-216@0-Ant  
1-38.492-40.240-≤40-PASS



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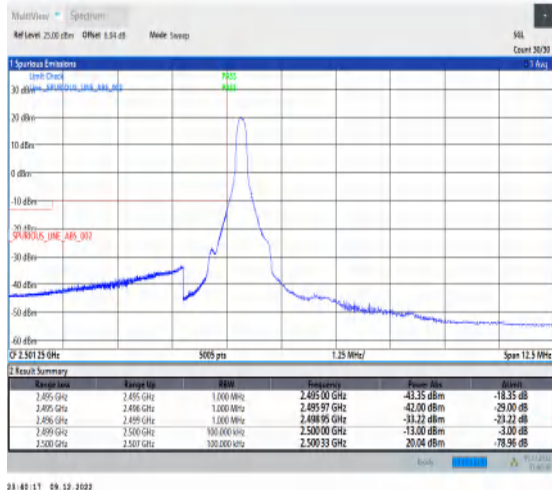
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### Band Edge for SA

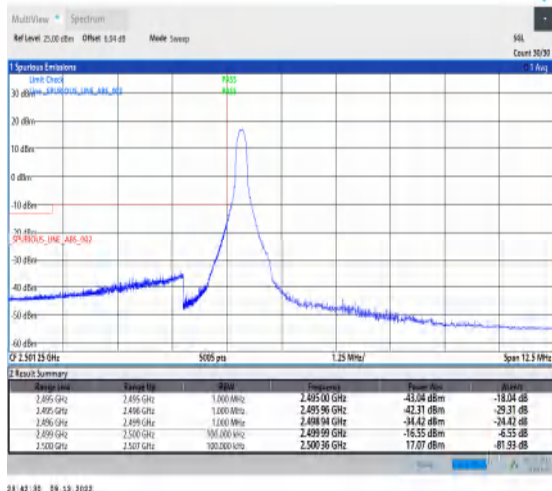
### Test Graphs



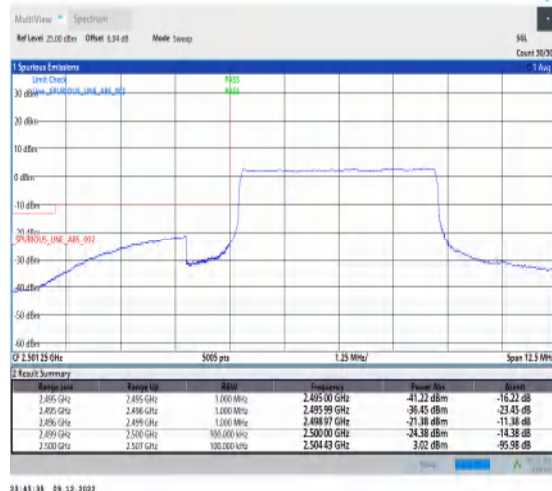
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t1-1--PASS-see graph



1-N7-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-A  
nt1-1--PASS-see graph



1-N7-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-  
-PASS-see graph



1-N7-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-1-  
--PASS-see graph



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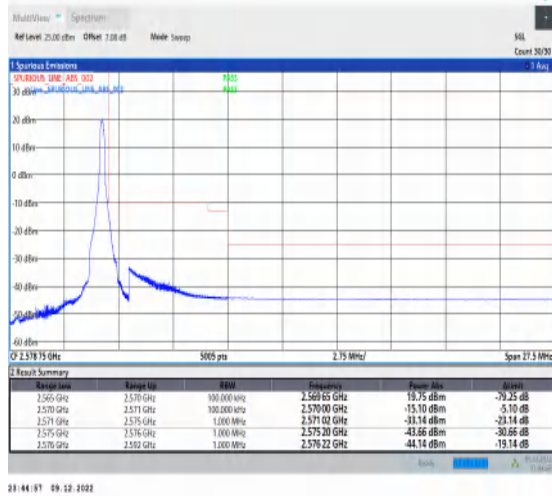
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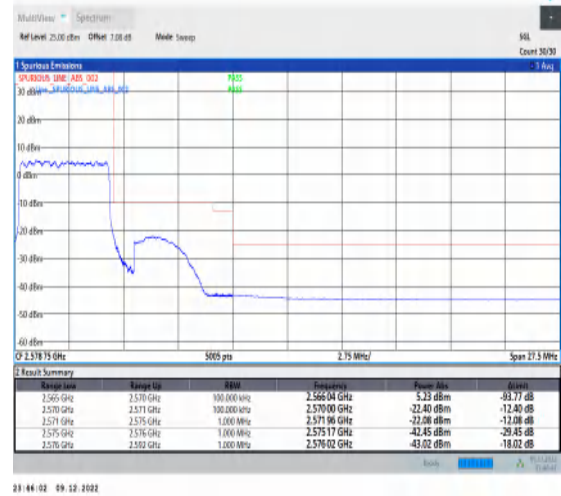
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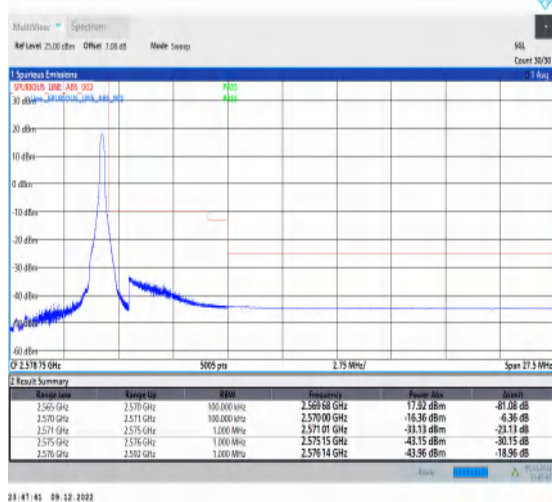
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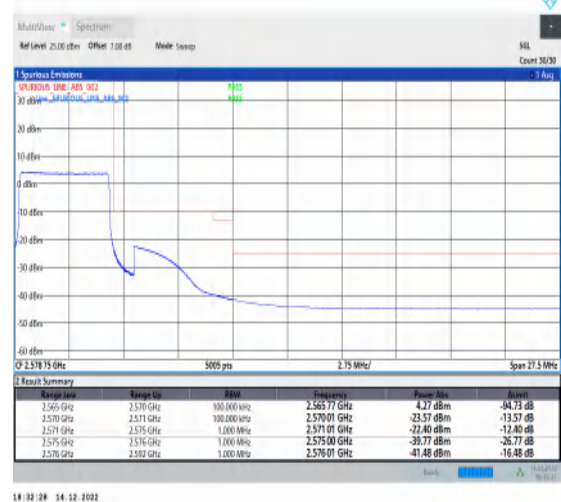
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1-N7-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



1-N7-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant1-1--PASS-see graph



1-N7-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



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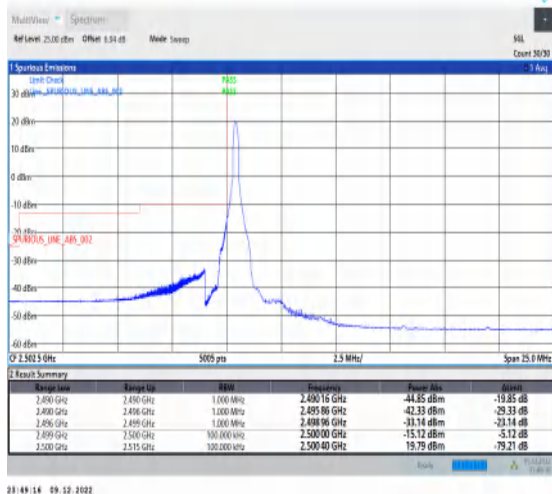
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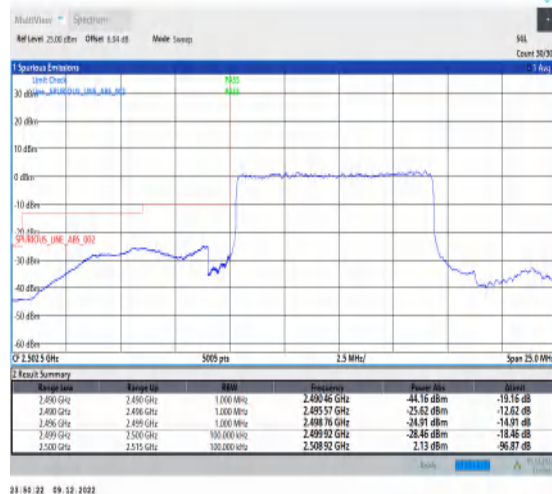
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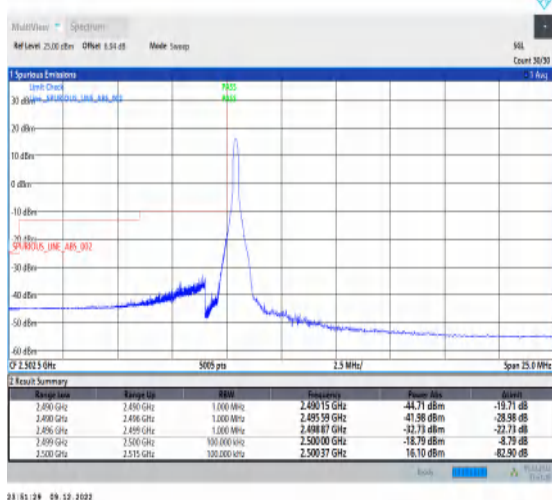
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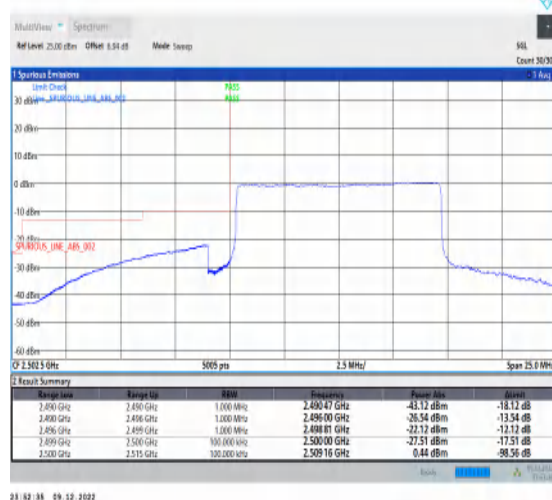
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nt1-1--PASS-see graph



1-N7-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-A  
Ant1-1--PASS-see graph



1-N7-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-A nt1-1--PASS-see graph



1-N7-15-10-L-6-CP-QPSK-Outer\_Full-52@0-A nt1-1--PASS-see graph



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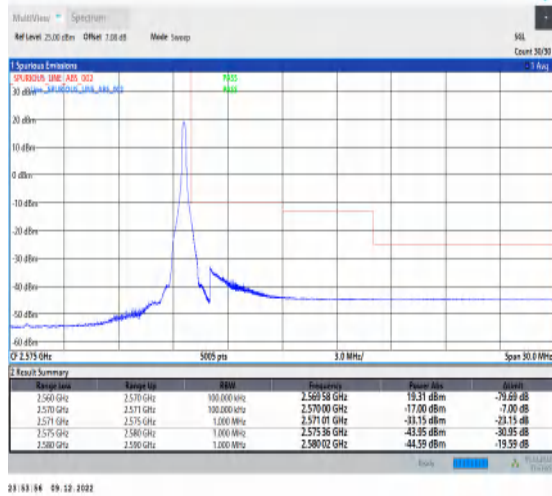
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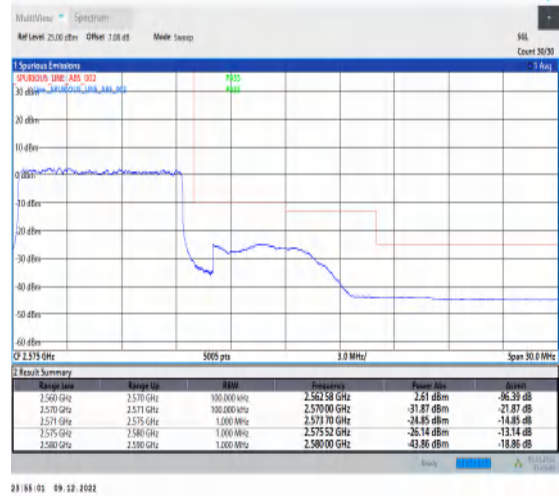
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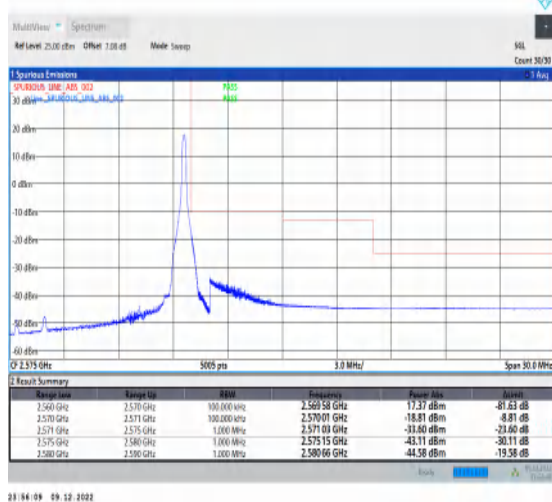
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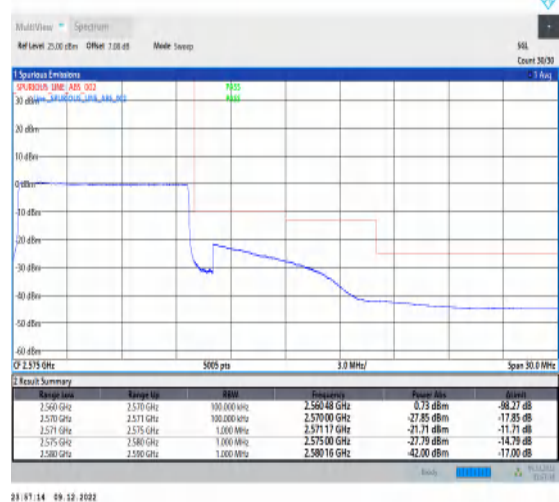
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Ant1-1--PASS-see graph



1-N7-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-An  
t1-1--PASS-see graph



1-N7-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1  
-1--PASS-see graph



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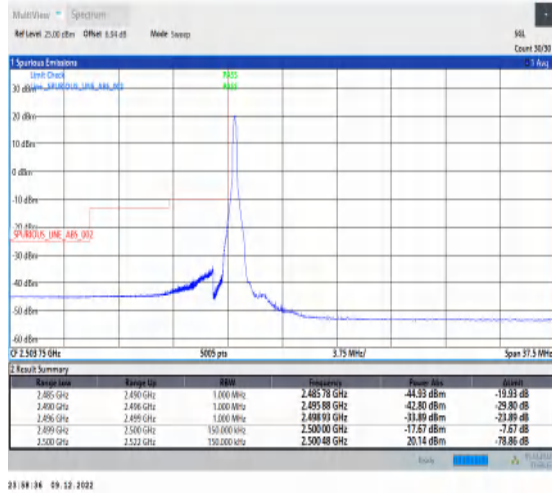
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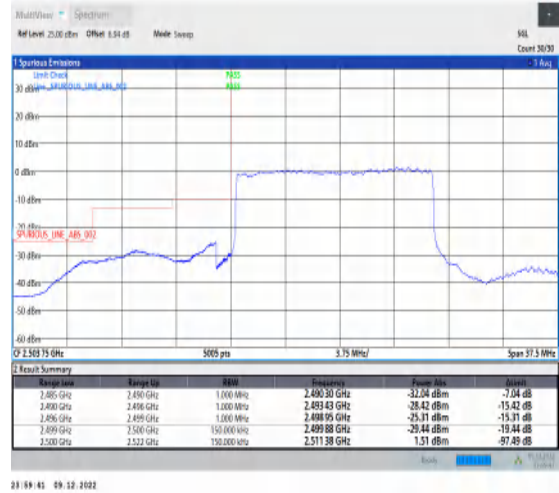
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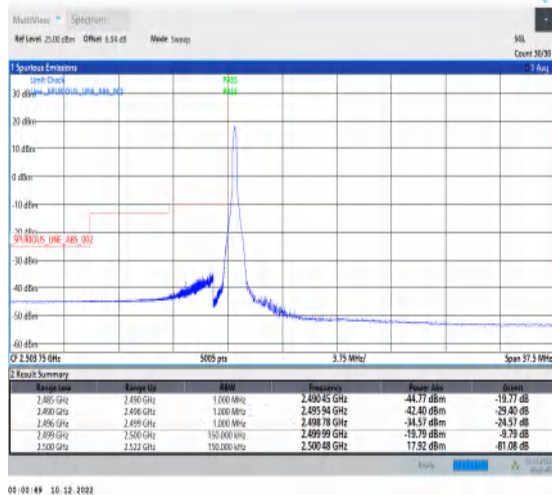
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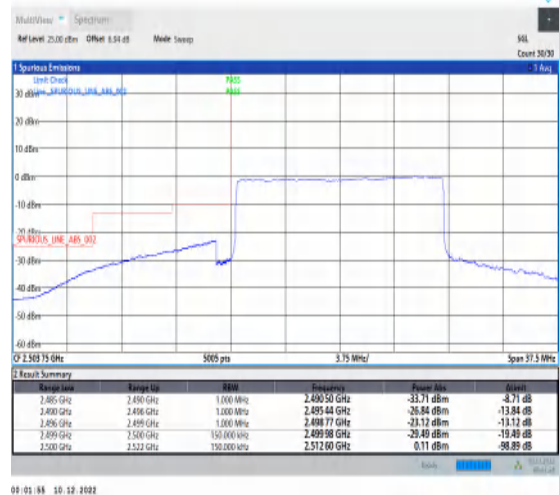
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nt1-1--PASS-see graph



1-N7-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-A  
Ant1-1--PASS-see graph



1-N7-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-A nt1-1--PASS-see graph



1-N7-15-15-L-6-CP-QPSK-Outer\_Full-79@0-A nt1-1--PASS-see graph



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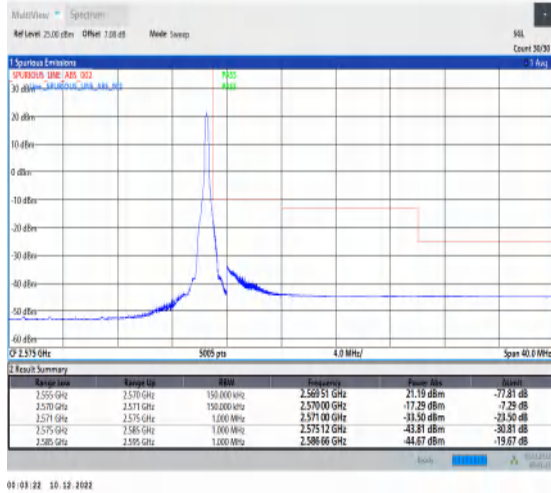
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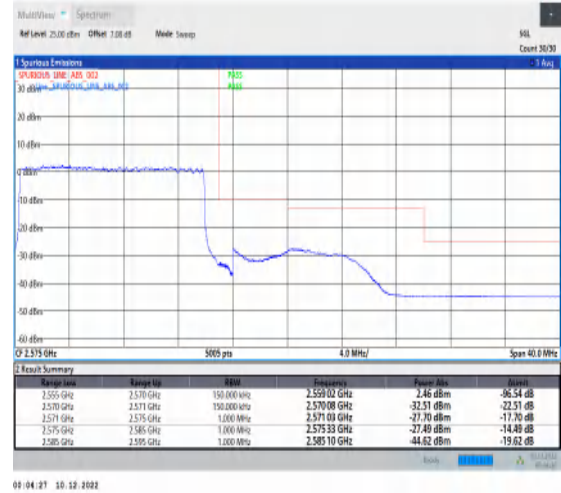
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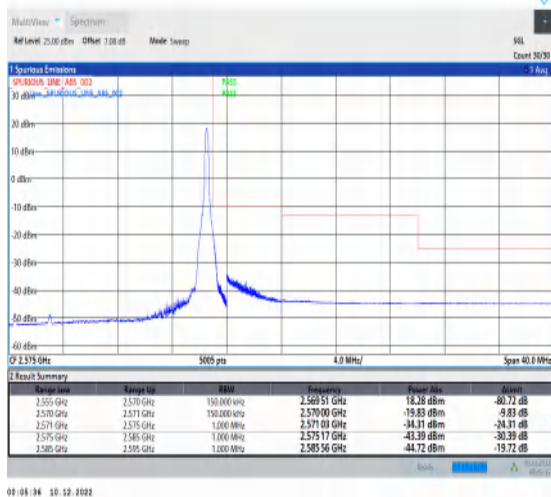
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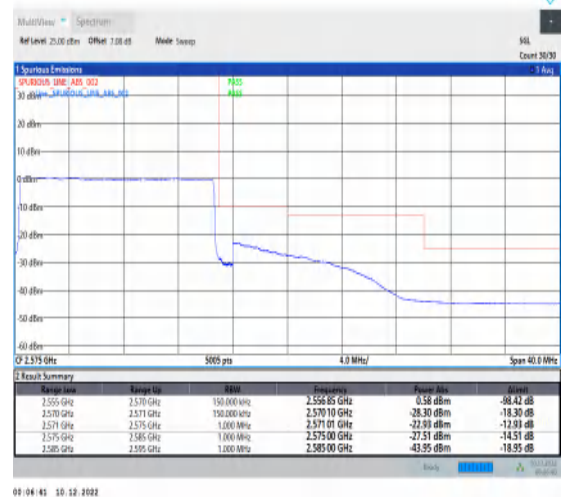
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Ant1-1--PASS-see graph



1-N7-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-An  
t1-1--PASS-see graph



1-N7-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1  
-1--PASS-see graph



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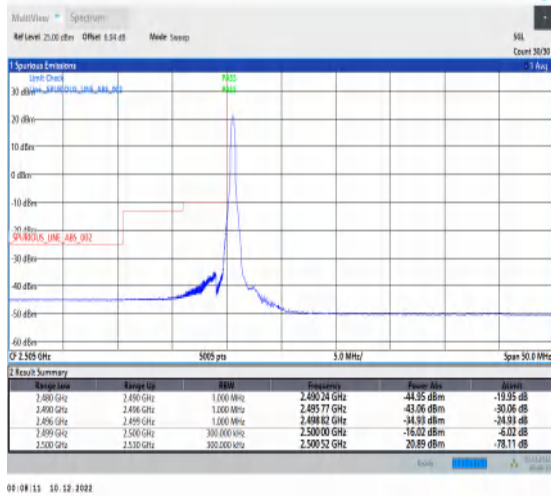
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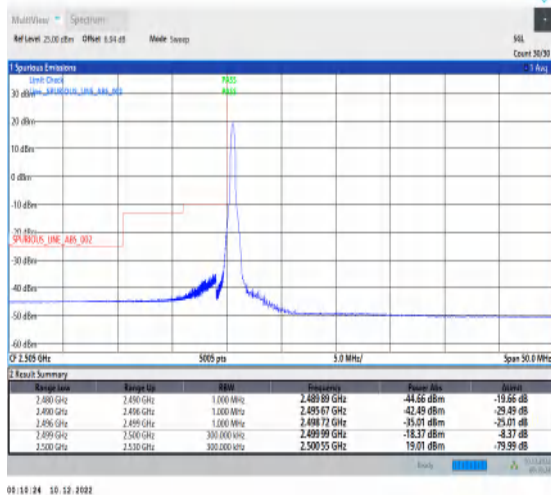
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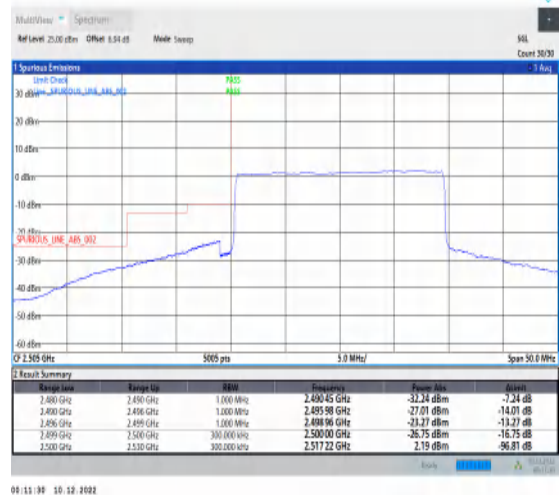
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nt1-1--PASS-see graph



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-Ant1-1--PASS-see graph



1-N7-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N7-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



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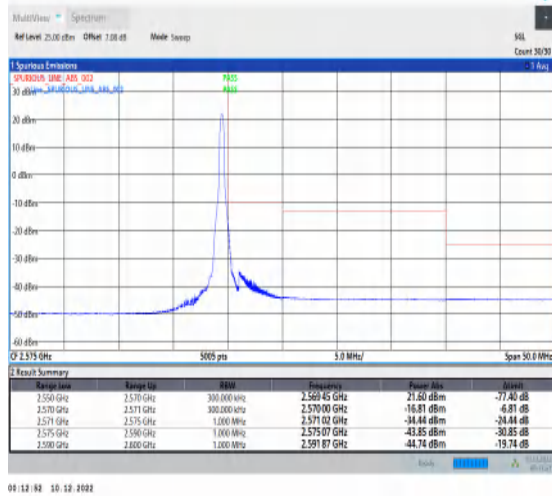
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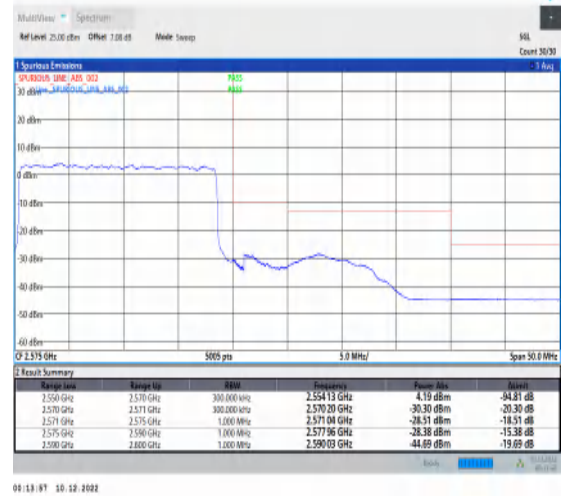
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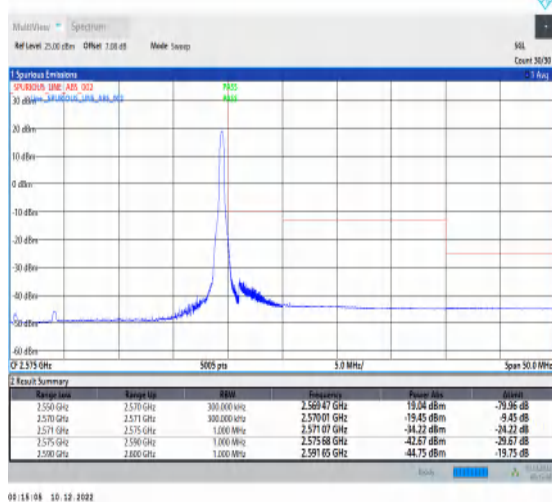
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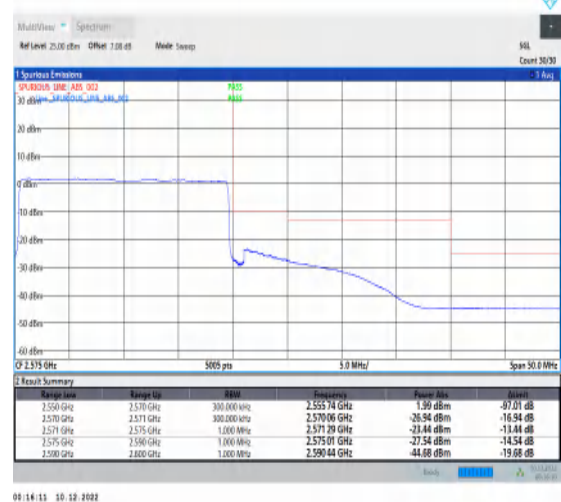
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1-N7-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N7-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph



1-N7-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



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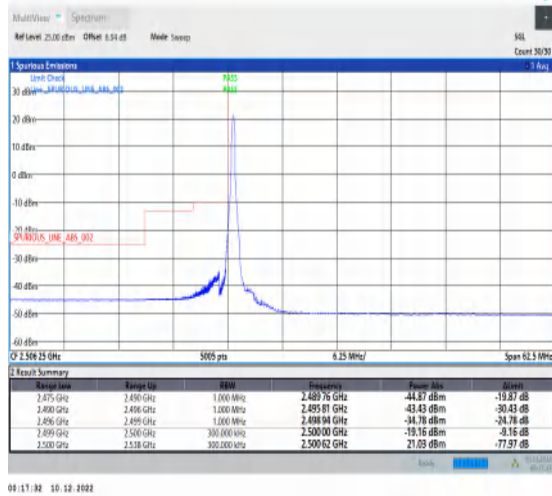
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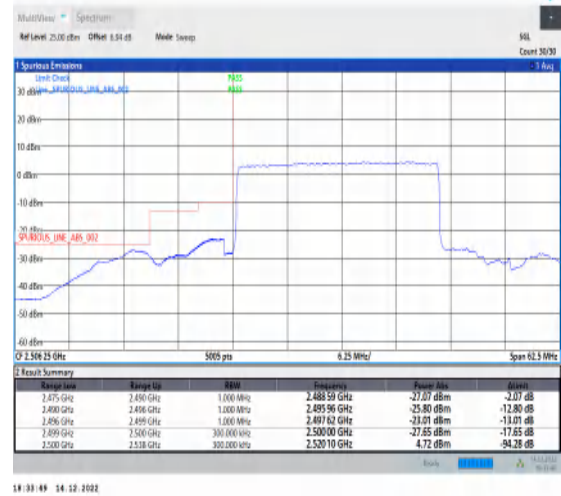
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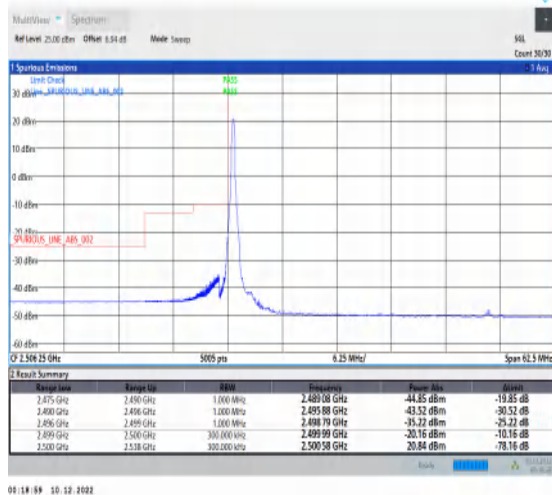
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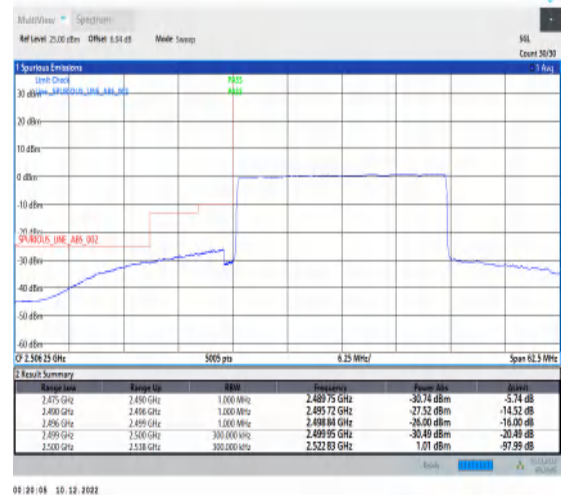
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nt1-1--PASS-see graph



1-N7-15-25-L-3-DFT-PI2BPSK-Outer\_Full-128@0  
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1-N7-15-25-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



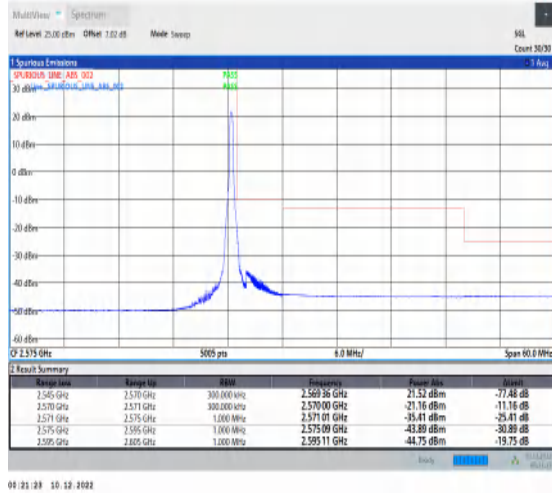
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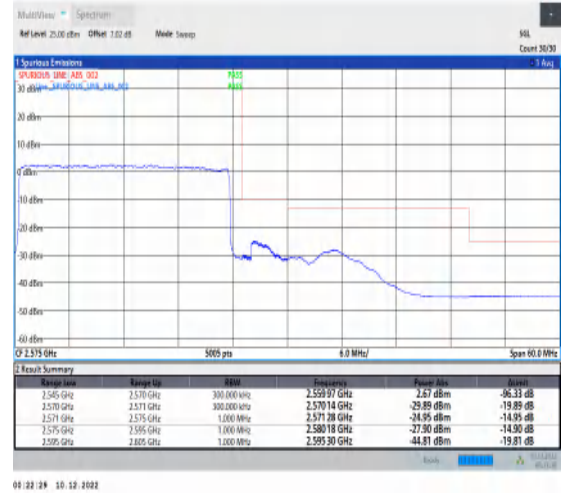
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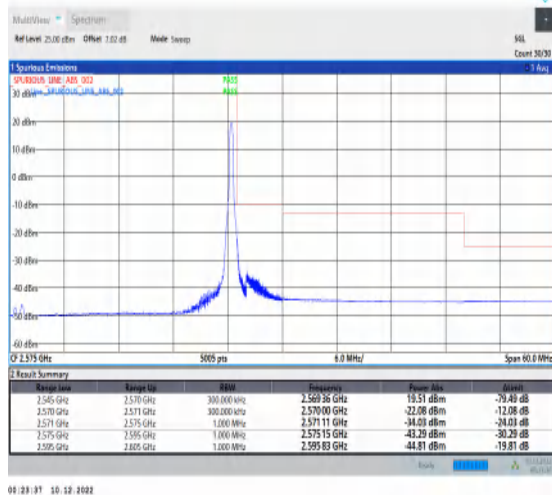
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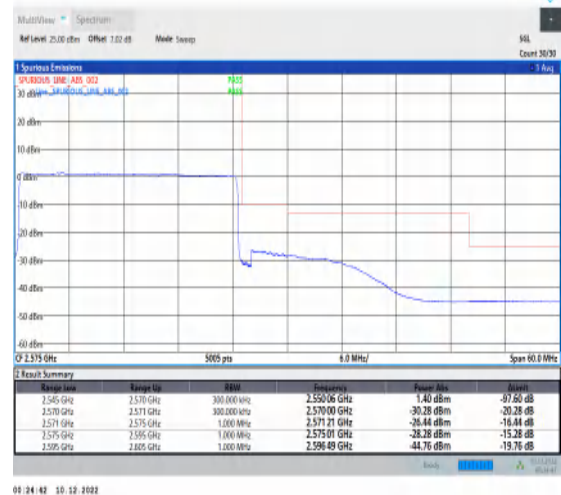
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-Ant1-1--PASS-see graph



1-N7-15-25-H-5-CP-QPSK-Edge\_1RB\_Right-1@132-A  
nt1-1--PASS-see graph



1-N7-15-25-H-6-CP-QPSK-Outer\_Full-133@0-Ant  
1-1--PASS-see graph



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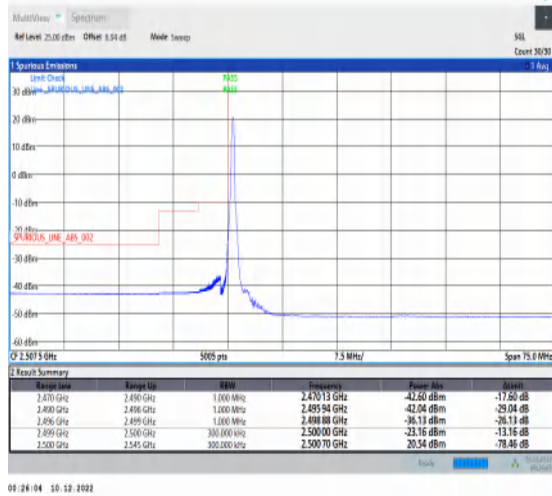
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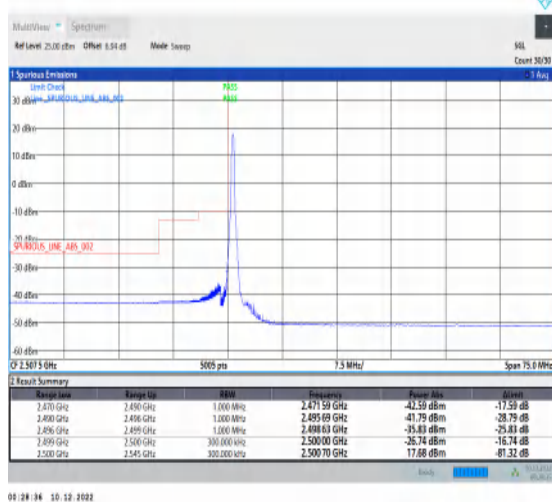
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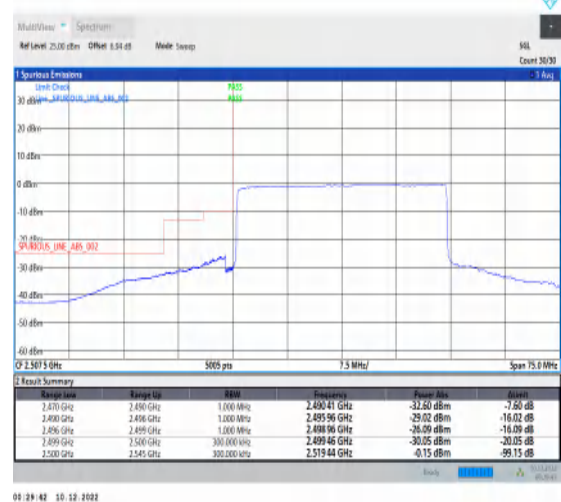
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nt1-1--PASS-see graph



1-N7-15-30-L-3-DFT-PI2BPSK-Outer\_Full-160@0  
-Ant1-1--PASS-see graph



1-N7-15-30-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N7-15-30-L-6-CP-QPSK-Outer\_Full-160@0-Ant1-1--PASS-see graph



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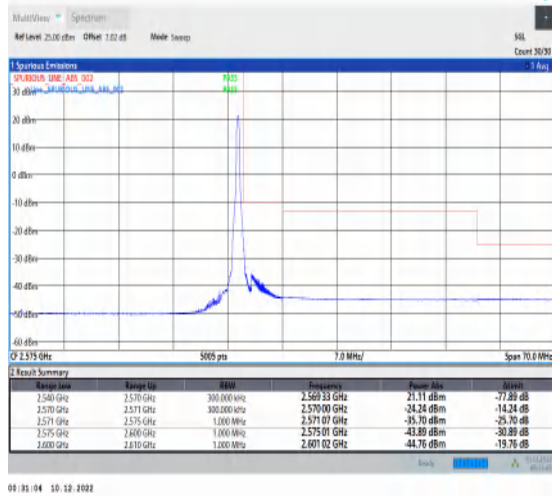
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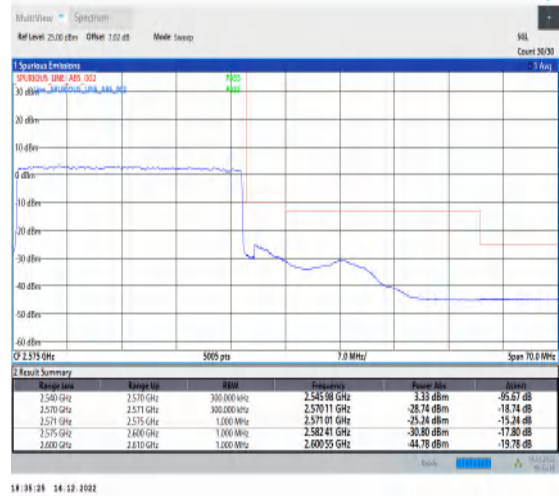
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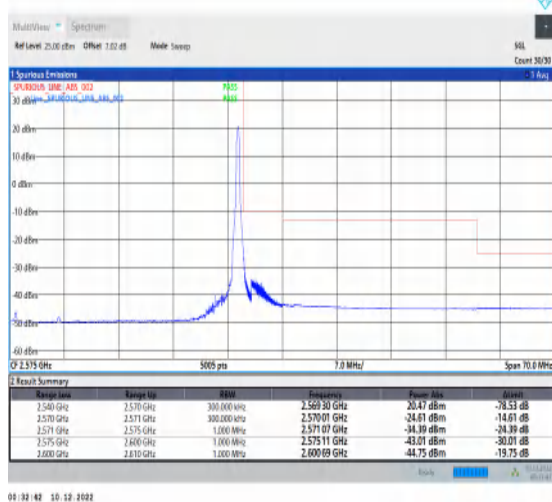
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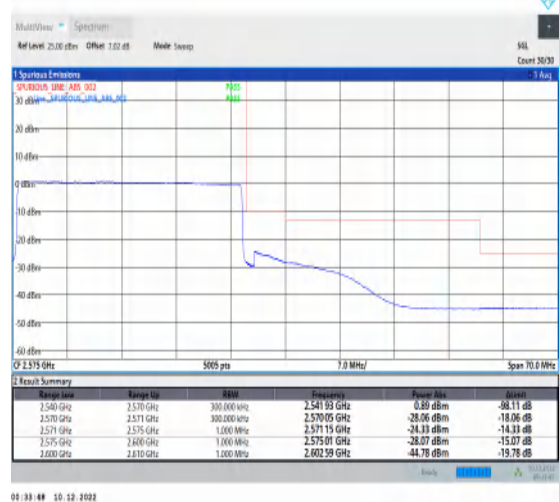
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1-N7-15-30-H-5-CP-QPSK-Edge\_1RB\_Right-1@159-Ant1-1--PASS-see graph



1-N7-15-30-H-6-CP-QPSK-Outer\_Full-160@0-Ant1-1--PASS-see graph



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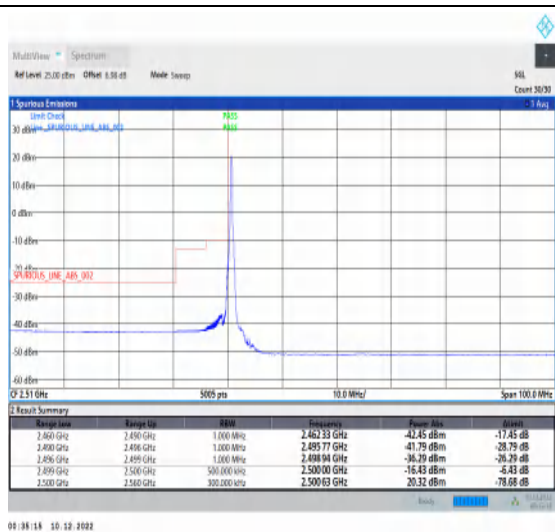
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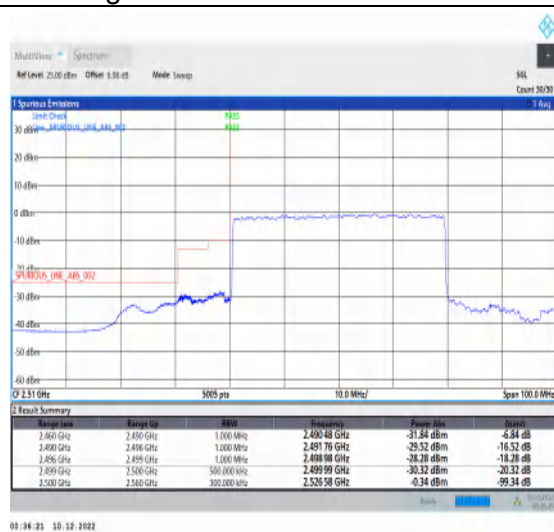
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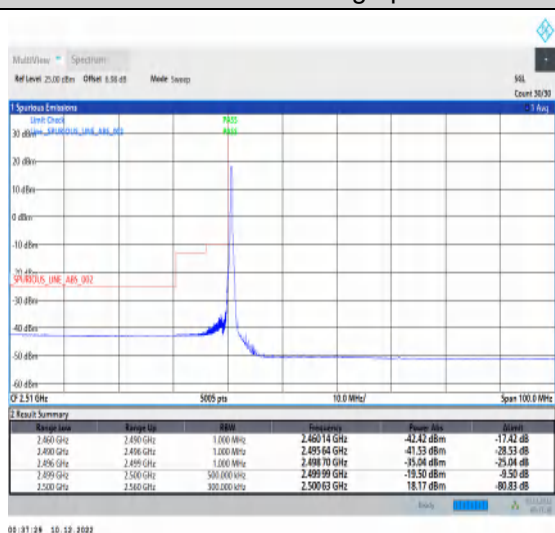
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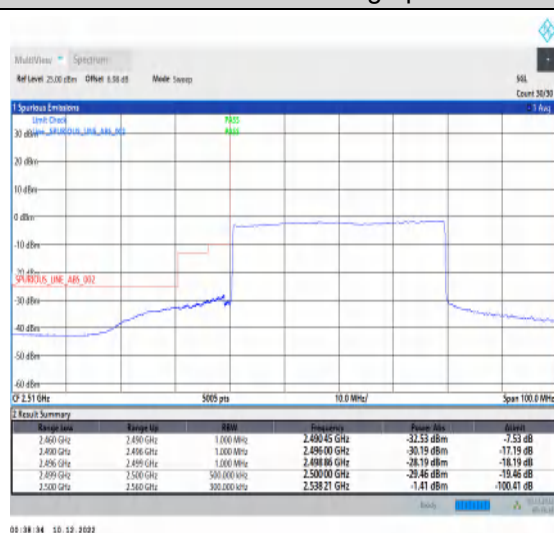
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-Ant1-1--PASS-see graph



1-N7-15-40-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N7-15-40-L-6-CP-QPSK-Outer\_Full-216@0-Ant1-1--PASS-see graph

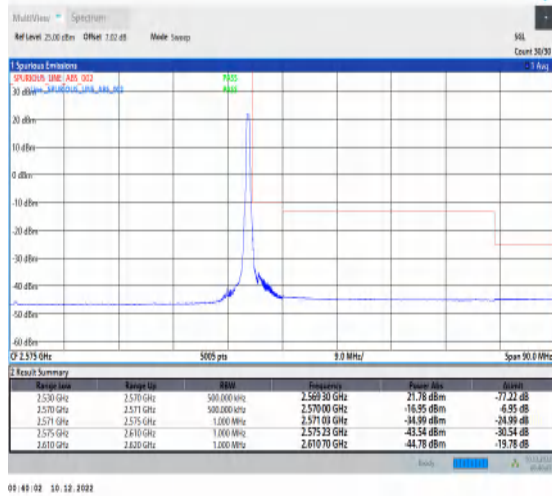




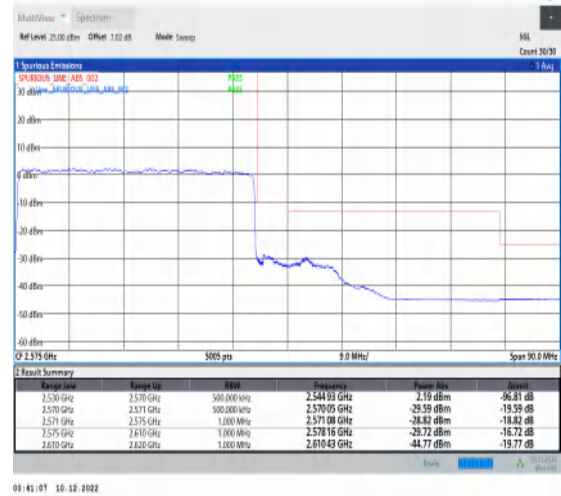
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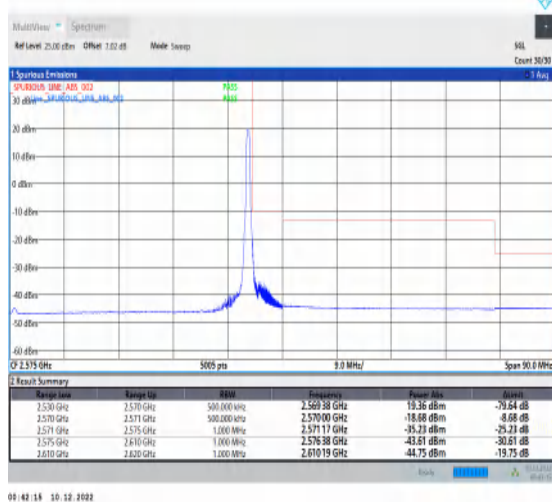
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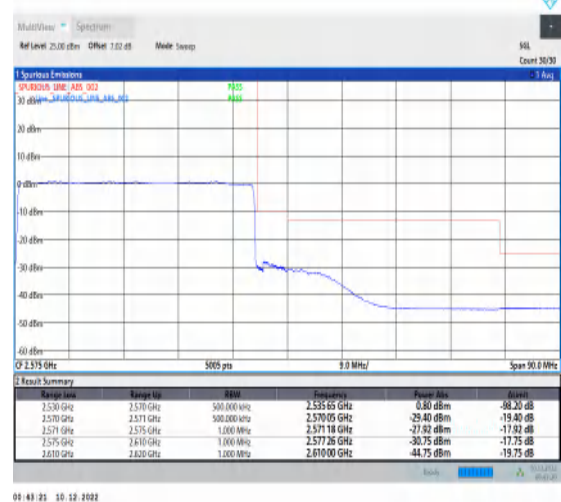
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-Ant1-1--PASS-see graph



1-N7-15-40-H-5-CP-QPSK-Edge\_1RB\_Right-1@215-A  
nt1-1--PASS-see graph



1-N7-15-40-H-6-CP-QPSK-Outer\_Full-216@0-Ant  
1-1--PASS-see graph



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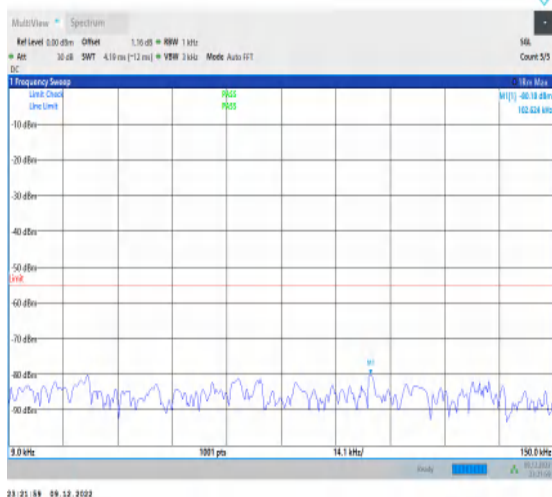
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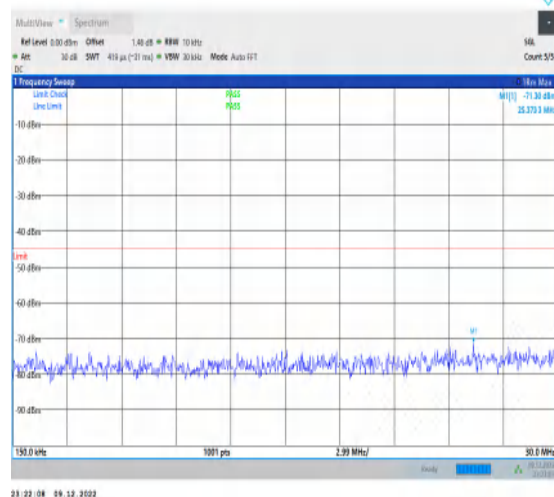
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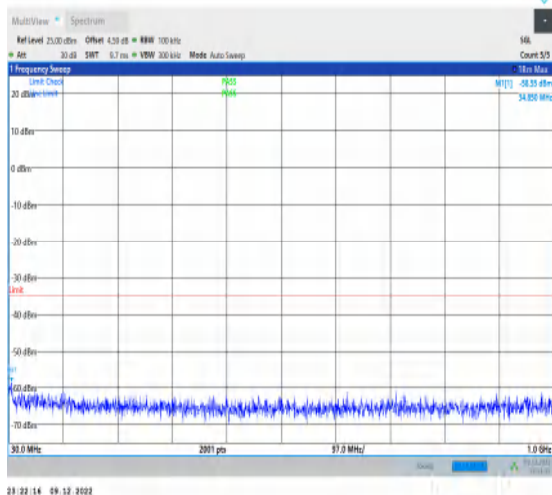
#### Test Graphs



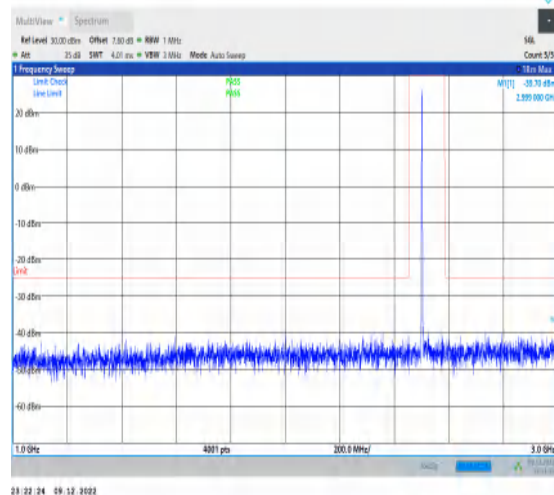
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1-N7-15-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-  
0.15-30-Ant1-25.37--71.30--45-PASS



1-N7-15-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-30-1000-Ant1-34.85--58.55--35-PASS



1-N7-15-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-  
1000-3000-Ant1-2999.00--39.70--25-PASS



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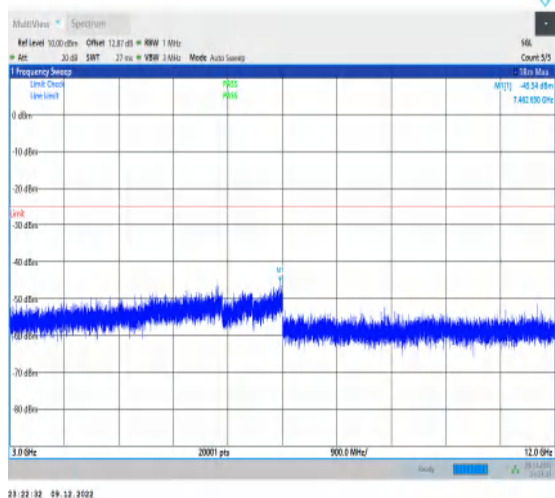
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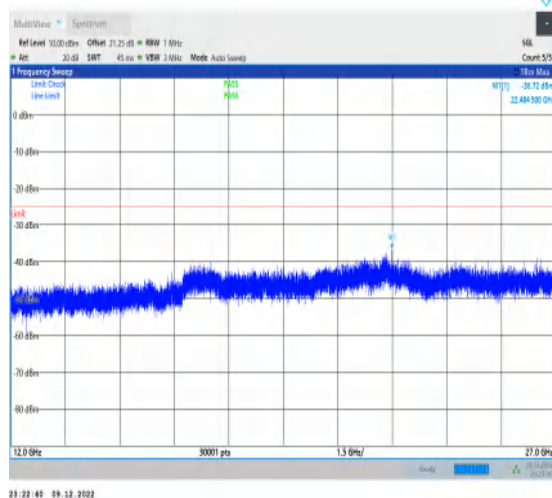
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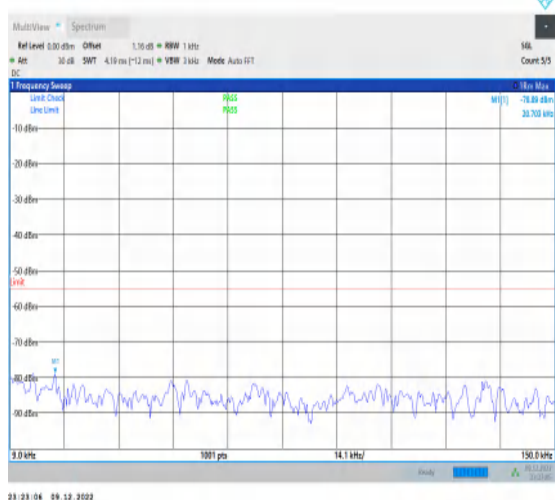
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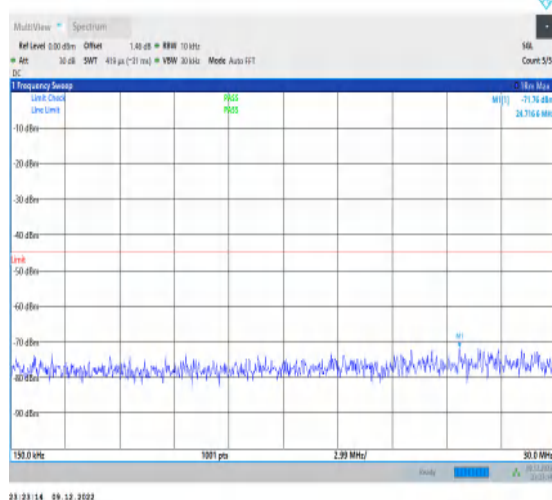
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1-N7-15-40-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-  
12000-27000-Ant1-22484.50--36.72--25-PASS



1-N7-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-0.009-0.15-Ant1-0.02--78.89--55-PASS



1-N7-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1  
-0.15-30-Ant1-24.72--71.76--45-PASS



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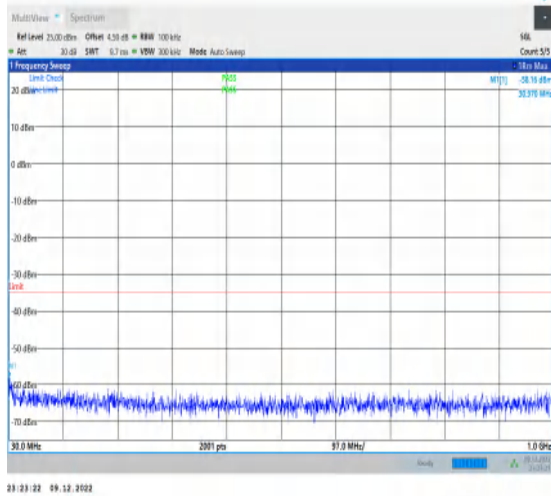
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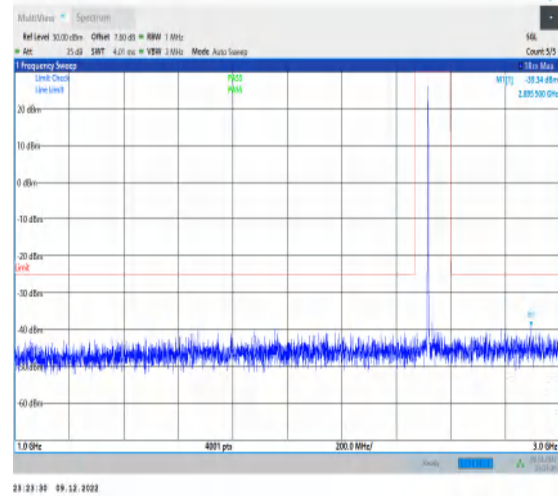
Report No.: SEWM2212000297RG02

Rev.: 01

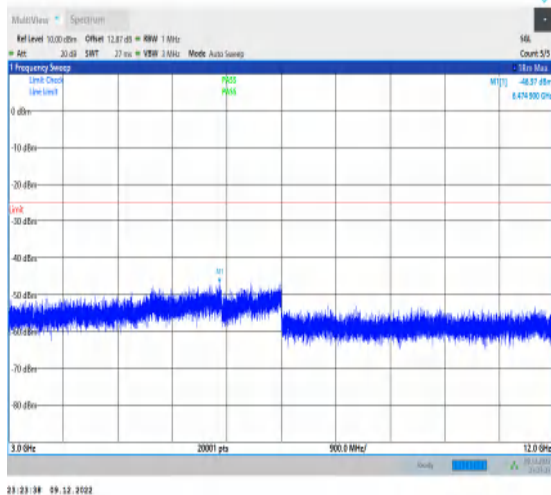
Page: 88 of 95



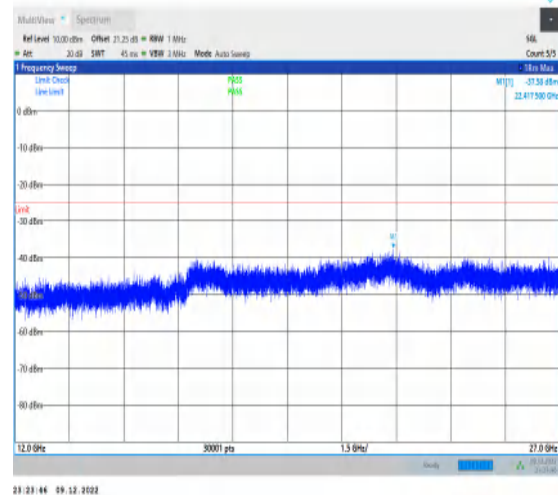
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1-30-1000-Ant1-30.97--58.16--35-PASS



1-N7-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-1000-3000-Ant1-2895.50--39.34--25-PASS



1-N7-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant1-6474.90--46.97--25-PASS



1-N7-15-40-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-12000-27000-Ant1-22417.50--37.58--25-PASS



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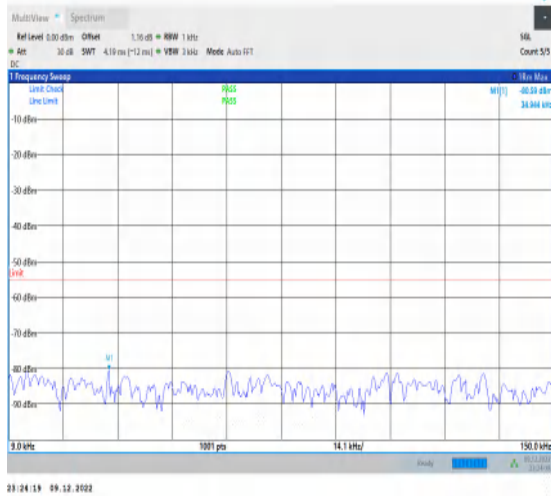
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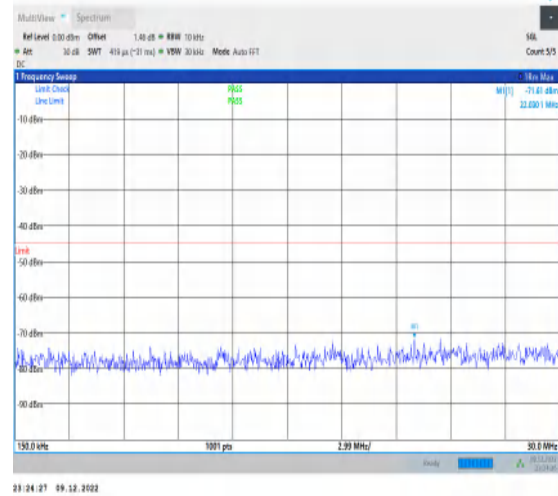
Report No.: SEWM2212000297RG02

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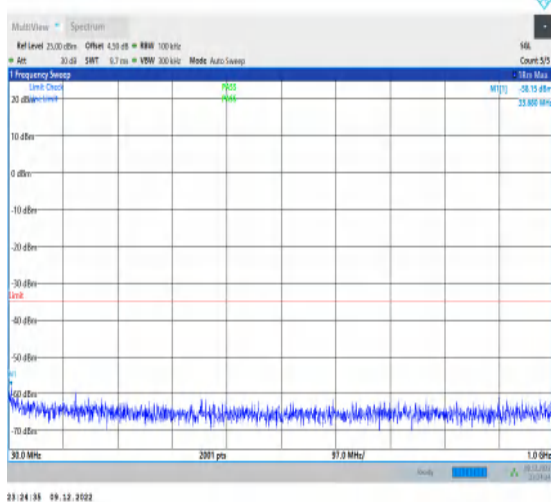
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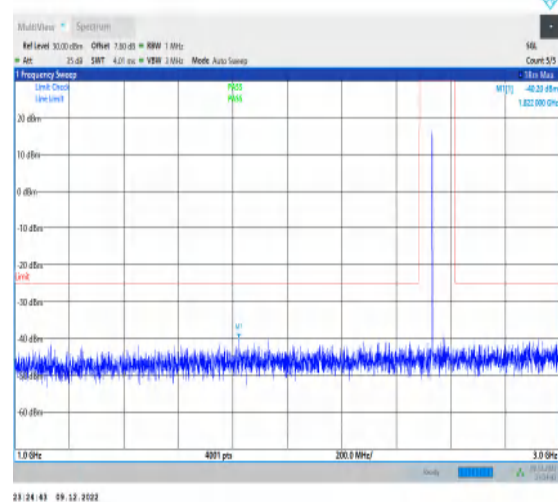
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1-0.009-0.15-Ant1-0.03--80.59--55-PASS



1-N7-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-0.15-30-Ant1-22.03--71.61--45-PASS



1-N7-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-30-1000-Ant1-33.88--58.15--35-PASS



1-N7-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-1000-3000-Ant1-1822.00--40.20--25-PASS



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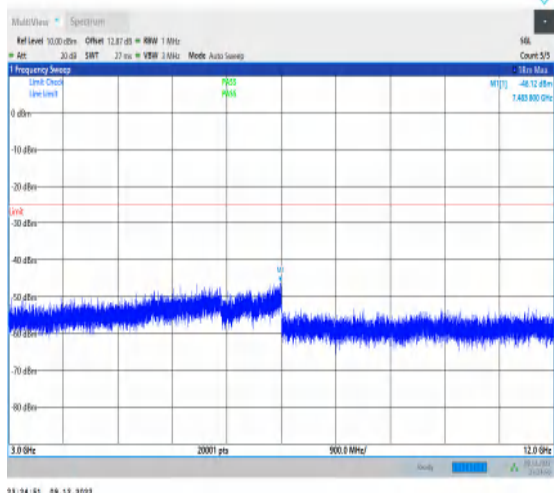
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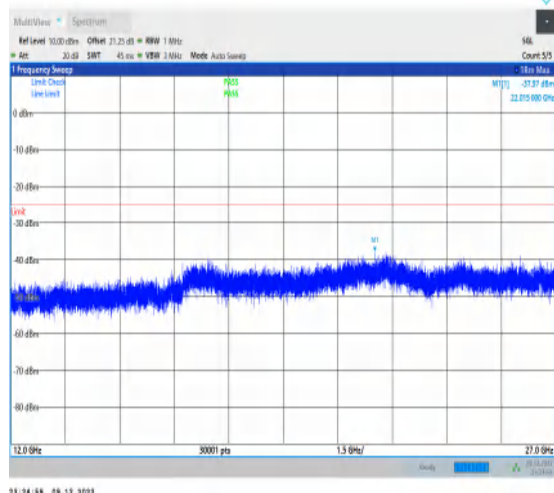
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1-N7-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
1-3000-12000-Ant1-7483.80--46.12--25-PASS



1-N7-15-40-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@  
-12000-27000-Ant1-22015.00--37.97--25-PASS



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## Field Strength of Spurious Radiation

**Test Band = SA Band 7 ANT 0\_TM1**
**Test Channel = Low Channel**

| Final Data List |                    |                   |                |          |                |                |                |                |              |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 5004.18            | 40.30             | -44.91         | 32.60    | -67.27         | -25.00         | 42.27          | 159            | 145          | Horizontal |
| 2               | 7506.27            | 38.45             | -41.58         | 36.51    | -61.87         | -25.00         | 36.87          | 236            | 292          | Horizontal |
| 3               | 10008.36           | 34.68             | -37.12         | 38.51    | -59.19         | -25.00         | 34.19          | 188            | 105          | Horizontal |
| 4               | 12510.45           | 31.42             | -35.19         | 39.11    | -59.92         | -25.00         | 34.92          | 245            | 348          | Horizontal |
| 5               | 15012.54           | 30.22             | -34.02         | 39.18    | -59.88         | -25.00         | 34.88          | 301            | 59           | Horizontal |
| 6               | 17514.63           | 30.07             | -31.88         | 40.66    | -56.41         | -25.00         | 31.41          | 268            | 229          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |                |              |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 5004.18            | 39.91             | -44.91         | 32.60    | -67.66         | -25.00         | 42.66          | 236            | 246          | Vertical |
| 2               | 7506.27            | 39.04             | -41.58         | 36.51    | -61.28         | -25.00         | 36.28          | 286            | 162          | Vertical |
| 3               | 10008.36           | 33.70             | -37.12         | 38.51    | -60.17         | -25.00         | 35.17          | 156            | 162          | Vertical |
| 4               | 12510.45           | 31.83             | -35.19         | 39.11    | -59.51         | -25.00         | 34.51          | 193            | 80           | Vertical |
| 5               | 15012.54           | 30.29             | -34.02         | 39.18    | -59.81         | -25.00         | 34.81          | 217            | 162          | Vertical |
| 6               | 17514.63           | 30.27             | -31.88         | 40.66    | -56.21         | -25.00         | 31.21          | 306            | 100          | Vertical |



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**Test Band = SA Band 7 ANT 0\_ TM1**
**Test Channel = Mid Channel**

| Final Data List |                    |                   |                |          |                |                |                |                |              |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 5034.18            | 40.08             | -44.72         | 32.60    | -67.30         | -25.00         | 42.30          | 125            | 3            | Horizontal |
| 2               | 7551.27            | 36.69             | -41.42         | 36.60    | -63.39         | -25.00         | 38.39          | 196            | 229          | Horizontal |
| 3               | 10068.36           | 34.65             | -36.92         | 38.58    | -58.95         | -25.00         | 33.95          | 325            | 229          | Horizontal |
| 4               | 12585.45           | 31.83             | -34.65         | 39.19    | -58.89         | -25.00         | 33.89          | 268            | 41           | Horizontal |
| 5               | 15102.54           | 32.26             | -34.30         | 39.07    | -58.24         | -25.00         | 33.24          | 241            | 289          | Horizontal |
| 6               | 17619.63           | 30.19             | -31.63         | 41.08    | -55.62         | -25.00         | 30.62          | 306            | 360          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |                |              |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 5034.18            | 40.63             | -44.72         | 32.60    | -66.75         | -25.00         | 41.75          | 296            | 21           | Vertical |
| 2               | 7551.27            | 37.40             | -41.42         | 36.60    | -62.68         | -25.00         | 37.68          | 326            | 40           | Vertical |
| 3               | 10068.36           | 34.00             | -36.92         | 38.58    | -59.60         | -25.00         | 34.60          | 214            | 190          | Vertical |
| 4               | 12585.45           | 31.03             | -34.65         | 39.19    | -59.69         | -25.00         | 34.69          | 158            | 167          | Vertical |
| 5               | 15102.54           | 32.90             | -34.30         | 39.07    | -57.60         | -25.00         | 32.60          | 277            | 295          | Vertical |
| 6               | 17619.63           | 31.05             | -31.63         | 41.08    | -54.76         | -25.00         | 29.76          | 187            | 62           | Vertical |



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**Test Band = SA Band 7 ANT 0\_TM1**
**Test Channel = High Channel**

| Final Data List |                    |                   |                |          |                |                |                |                |              |            |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|------------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity   |
| 1               | 5064.18            | 40.97             | -44.52         | 32.60    | -66.21         | -25.00         | 41.21          | 136            | 41           | Horizontal |
| 2               | 7596.27            | 37.46             | -41.27         | 36.69    | -62.38         | -25.00         | 37.38          | 189            | 3            | Horizontal |
| 3               | 10128.36           | 33.40             | -36.74         | 38.64    | -59.95         | -25.00         | 34.95          | 214            | 166          | Horizontal |
| 4               | 12660.45           | 31.51             | -34.89         | 39.26    | -59.38         | -25.00         | 34.38          | 236            | 63           | Horizontal |
| 5               | 15192.54           | 31.22             | -32.61         | 38.95    | -57.70         | -25.00         | 32.70          | 285            | 41           | Horizontal |
| 6               | 17724.63           | 29.36             | -30.93         | 41.50    | -55.33         | -25.00         | 30.33          | 312            | 358          | Horizontal |

| Final Data List |                    |                   |                |          |                |                |                |                |              |          |
|-----------------|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------------|--------------|----------|
| NO.             | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Height<br>[cm] | Angle<br>[°] | Polarity |
| 1               | 5064.18            | 41.47             | -44.52         | 32.60    | -65.71         | -25.00         | 40.71          | 213            | 80           | Vertical |
| 2               | 7596.27            | 38.08             | -41.27         | 36.69    | -61.76         | -25.00         | 36.76          | 255            | 59           | Vertical |
| 3               | 10128.36           | 33.90             | -36.74         | 38.64    | -59.45         | -25.00         | 34.45          | 263            | 327          | Vertical |
| 4               | 12660.45           | 32.31             | -34.89         | 39.26    | -58.58         | -25.00         | 33.58          | 196            | 346          | Vertical |
| 5               | 15192.54           | 30.86             | -32.61         | 38.95    | -58.06         | -25.00         | 33.06          | 305            | 360          | Vertical |
| 6               | 17724.63           | 29.81             | -30.93         | 41.50    | -54.88         | -25.00         | 29.88          | 174            | 327          | Vertical |

**Remark:**

1) The field strength is calculated by adding the Antenna Factor, Cable Factor & AMP. The basic equation with a sample calculation is as follows:

AF = Antenna Factor(dB/m)

Factor = Cable Factor(dB) - Preamplifier (dB)

Level = Reading Level + AF + Factor -95.26

Margin = Limit – Level



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## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

| Voltage |     |           |             |         |            |         |             |               |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N7      | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | VH      | NT          | -11.500000    | -0.004536       | PASS    |
| N7      | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | VN      | NT          | 3.600000      | 0.001420        | PASS    |
| N7      | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | VL      | NT          | -1.700000     | -0.000671       | PASS    |
| N7      | 15  | 40        | CP-QPSK     | M       | Outer_Full | VH      | NT          | -8.800000     | -0.003471       | PASS    |
| N7      | 15  | 40        | CP-QPSK     | M       | Outer_Full | VN      | NT          | 7.900000      | 0.003116        | PASS    |
| N7      | 15  | 40        | CP-QPSK     | M       | Outer_Full | VL      | NT          | -4.000000     | -0.001578       | PASS    |



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### Frequency Error VS. Temperature

| Temperature |     |           |             |         |            |         |             |               |                 |         |
|-------------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band        | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | -40         | 16.400000     | 0.008712        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | -30         | -1.300000     | -0.000513       | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | -20         | 4.600000      | 0.001815        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | -10         | 7.000000      | 0.002761        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 0           | 7.000000      | 0.002761        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 10          | 9.600000      | 0.003787        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 20          | -2.100000     | -0.000828       | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 30          | -9.000000     | -0.003550       | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 40          | 3.600000      | 0.001420        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 50          | 11.600000     | 0.004576        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 60          | 11.600000     | 0.006162        | PASS    |
| N7          | 15  | 40        | DFT-PI2BPSK | M       | Outer_Full | NV      | 75          | 5.100000      | 0.002709        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | -40         | 3.400000      | 0.001806        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | -30         | 1.400000      | 0.000552        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | -20         | -2.100000     | -0.000828       | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | -10         | 6.800000      | 0.002682        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 0           | -10.600000    | -0.004181       | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 10          | 11.900000     | 0.004694        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 20          | 8.400000      | 0.003314        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 30          | -9.200000     | -0.003629       | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 40          | 4.700000      | 0.001854        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 50          | 9.600000      | 0.003787        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 60          | 12.000000     | 0.006375        | PASS    |
| N7          | 15  | 40        | CP-QPSK     | M       | Outer_Full | NV      | 75          | 3.900000      | 0.002072        | PASS    |

---End of Attachment---



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