

Report No.: SEWM2308000313RG02

Rev.: 01

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Appendix B.18

NR Band n25



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Effective (Isotropic) Radiated Power Output Data for SA

Test Result

ANT3

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Power (dBm) | EIRP (dBm) | Limit | Verdict |
|------|-----|-----------|------------|---------|----------------|-------------|------------|-------|---------|
| N25 | 15 | 5 | DFT-QPSK | L | Inner_1RB_Left | 23.78 | 23.38 | 33.00 | PASS |
| N25 | 15 | 5 | DFT-16QAM | L | Inner_1RB_Left | 22.78 | 22.38 | 33.00 | PASS |
| N25 | 15 | 5 | DFT-QPSK | M | Inner_1RB_Left | 23.77 | 23.37 | 33.00 | PASS |
| N25 | 15 | 5 | DFT-16QAM | M | Inner_1RB_Left | 22.73 | 22.33 | 33.00 | PASS |
| N25 | 15 | 5 | DFT-QPSK | H | Inner_1RB_Left | 23.85 | 23.45 | 33.00 | PASS |
| N25 | 15 | 5 | DFT-16QAM | H | Inner_1RB_Left | 22.78 | 22.38 | 33.00 | PASS |
| N25 | 15 | 10 | DFT-QPSK | L | Inner_1RB_Left | 23.81 | 23.41 | 33.00 | PASS |
| N25 | 15 | 10 | DFT-16QAM | L | Inner_1RB_Left | 22.71 | 22.31 | 33.00 | PASS |
| N25 | 15 | 10 | DFT-QPSK | M | Inner_1RB_Left | 23.86 | 23.46 | 33.00 | PASS |
| N25 | 15 | 10 | DFT-16QAM | M | Inner_1RB_Left | 22.61 | 22.21 | 33.00 | PASS |
| N25 | 15 | 10 | DFT-QPSK | H | Inner_1RB_Left | 23.65 | 23.25 | 33.00 | PASS |
| N25 | 15 | 10 | DFT-16QAM | H | Inner_1RB_Left | 22.77 | 22.37 | 33.00 | PASS |
| N25 | 15 | 15 | DFT-QPSK | L | Inner_1RB_Left | 23.75 | 23.35 | 33.00 | PASS |
| N25 | 15 | 15 | DFT-16QAM | L | Inner_1RB_Left | 22.66 | 22.26 | 33.00 | PASS |
| N25 | 15 | 15 | DFT-QPSK | M | Inner_1RB_Left | 22.76 | 22.36 | 33.00 | PASS |
| N25 | 15 | 15 | DFT-16QAM | M | Inner_1RB_Left | 22.79 | 22.39 | 33.00 | PASS |
| N25 | 15 | 15 | DFT-QPSK | H | Inner_1RB_Left | 22.69 | 22.29 | 33.00 | PASS |
| N25 | 15 | 15 | DFT-16QAM | H | Inner_1RB_Left | 22.67 | 22.27 | 33.00 | PASS |
| N25 | 15 | 20 | DFT-QPSK | L | Inner_1RB_Left | 22.61 | 22.21 | 33.00 | PASS |
| N25 | 15 | 20 | DFT-16QAM | L | Inner_1RB_Left | 22.69 | 22.29 | 33.00 | PASS |
| N25 | 15 | 20 | DFT-QPSK | M | Inner_1RB_Left | 22.68 | 22.28 | 33.00 | PASS |
| N25 | 15 | 20 | DFT-16QAM | M | Inner_1RB_Left | 22.48 | 22.08 | 33.00 | PASS |
| N25 | 15 | 20 | DFT-QPSK | H | Inner_1RB_Left | 22.67 | 22.27 | 33.00 | PASS |
| N25 | 15 | 20 | DFT-16QAM | H | Inner_1RB_Left | 22.74 | 22.34 | 33.00 | PASS |
| N25 | 15 | 25 | DFT-QPSK | L | Inner_1RB_Left | 22.53 | 22.13 | 33.00 | PASS |
| N25 | 15 | 25 | DFT-16QAM | L | Inner_1RB_Left | 22.70 | 22.30 | 33.00 | PASS |
| N25 | 15 | 25 | DFT-QPSK | M | Inner_1RB_Left | 22.53 | 22.13 | 33.00 | PASS |
| N25 | 15 | 25 | DFT-16QAM | M | Inner_1RB_Left | 21.47 | 21.07 | 33.00 | PASS |
| N25 | 15 | 25 | DFT-QPSK | H | Inner_1RB_Left | 22.82 | 22.42 | 33.00 | PASS |



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| | | | | | | | | | |
|-----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N25 | 15 | 25 | DFT-16QAM | H | Inner_1RB_Left | 22.72 | 22.32 | 33.00 | PASS |
| N25 | 15 | 30 | DFT-QPSK | L | Inner_1RB_Left | 21.45 | 21.05 | 33.00 | PASS |
| N25 | 15 | 30 | DFT-16QAM | L | Inner_1RB_Left | 22.66 | 22.26 | 33.00 | PASS |
| N25 | 15 | 30 | DFT-QPSK | M | Inner_1RB_Left | 22.84 | 22.44 | 33.00 | PASS |
| N25 | 15 | 30 | DFT-16QAM | M | Inner_1RB_Left | 21.33 | 20.93 | 33.00 | PASS |
| N25 | 15 | 30 | DFT-QPSK | H | Inner_1RB_Left | 23.55 | 23.15 | 33.00 | PASS |
| N25 | 15 | 30 | DFT-16QAM | H | Inner_1RB_Left | 22.73 | 22.33 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.43 | 23.03 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.41 | 23.01 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | L | Outer_Full | 23.28 | 22.88 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | L | Inner_1RB_Left | 23.82 | 23.42 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | L | Inner_1RB_Right | 23.83 | 23.43 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | L | Outer_Full | 22.75 | 22.35 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | L | Inner_1RB_Left | 22.71 | 22.31 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | L | Inner_1RB_Right | 22.63 | 22.23 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | L | Outer_Full | 21.77 | 21.37 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | L | Inner_1RB_Left | 21.24 | 20.84 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | L | Inner_1RB_Right | 21.32 | 20.92 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | L | Outer_Full | 21.10 | 20.70 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | L | Inner_1RB_Left | 19.17 | 18.77 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | L | Inner_1RB_Right | 19.13 | 18.73 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | L | Outer_Full | 19.22 | 18.82 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.65 | 23.25 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.63 | 23.23 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | 23.16 | 22.76 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | M | Inner_1RB_Left | 24.11 | 23.71 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | M | Inner_1RB_Right | 23.93 | 23.53 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | M | Outer_Full | 22.72 | 22.32 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | M | Inner_1RB_Left | 21.79 | 21.39 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | M | Inner_1RB_Right | 21.77 | 21.37 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | M | Outer_Full | 21.75 | 21.35 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | M | Inner_1RB_Left | 21.41 | 21.01 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | M | Inner_1RB_Right | 21.30 | 20.90 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | M | Outer_Full | 21.28 | 20.88 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | M | Inner_1RB_Left | 19.16 | 18.76 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | M | Inner_1RB_Right | 19.17 | 18.77 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | M | Outer_Full | 19.25 | 18.85 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.42 | 23.02 | 33.00 | PASS |



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| | | | | | | | | | |
|-----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N25 | 15 | 40 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.44 | 23.04 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | H | Outer_Full | 23.09 | 22.69 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | H | Inner_1RB_Left | 23.92 | 23.52 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | H | Inner_1RB_Right | 23.80 | 23.40 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-QPSK | H | Outer_Full | 22.52 | 22.12 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | H | Inner_1RB_Left | 22.76 | 22.36 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | H | Inner_1RB_Right | 21.79 | 21.39 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-16QAM | H | Outer_Full | 21.63 | 21.23 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | H | Inner_1RB_Left | 21.28 | 20.88 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | H | Inner_1RB_Right | 21.07 | 20.67 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-64QAM | H | Outer_Full | 21.02 | 20.62 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | H | Inner_1RB_Left | 19.14 | 18.74 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | H | Inner_1RB_Right | 19.06 | 18.66 | 33.00 | PASS |
| N25 | 15 | 40 | DFT-256QAM | H | Outer_Full | 19.18 | 18.78 | 33.00 | PASS |



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Peak-to-Average Ratio for SA

Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result | Limit | Verdict |
|------|-----|-----------|------------|---------|------------|--------|-------|---------|
| N25 | 15 | 40 | DFT-256QAM | L | Outer_Full | 9.22 | ≤13 | PASS |
| N25 | 15 | 40 | CP-256QAM | L | Outer_Full | 9.12 | ≤13 | PASS |
| N25 | 15 | 40 | DFT-256QAM | M | Outer_Full | 9.06 | ≤13 | PASS |
| N25 | 15 | 40 | CP-256QAM | M | Outer_Full | 9.27 | ≤13 | PASS |
| N25 | 15 | 40 | DFT-256QAM | H | Outer_Full | 9.03 | ≤13 | PASS |
| N25 | 15 | 40 | CP-256QAM | H | Outer_Full | 9.39 | ≤13 | PASS |



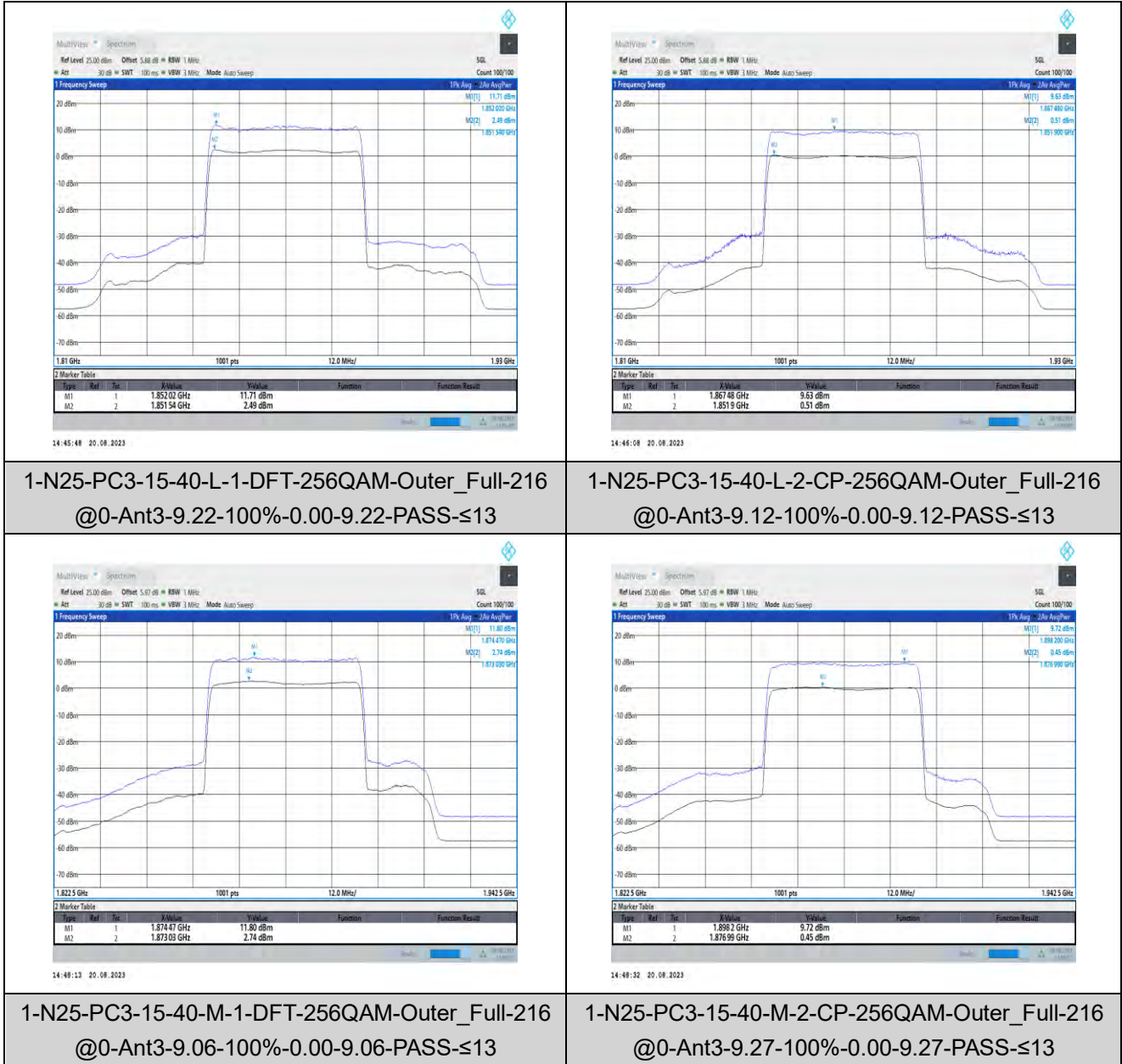
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Test Graphs



1-N25-PC3-15-40-L-1-DFT-256QAM-Outer_Full-216
 @0-Ant3-9.22-100%-0.00-9.22-PASS-≤13

1-N25-PC3-15-40-L-2-CP-256QAM-Outer_Full-216
 @0-Ant3-9.12-100%-0.00-9.12-PASS-≤13

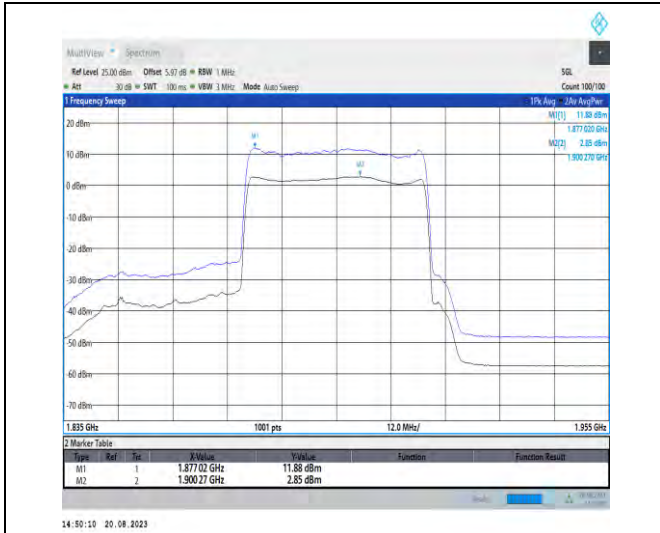
1-N25-PC3-15-40-M-1-DFT-256QAM-Outer_Full-216
 @0-Ant3-9.06-100%-0.00-9.06-PASS-≤13

1-N25-PC3-15-40-M-2-CP-256QAM-Outer_Full-216
 @0-Ant3-9.27-100%-0.00-9.27-PASS-≤13

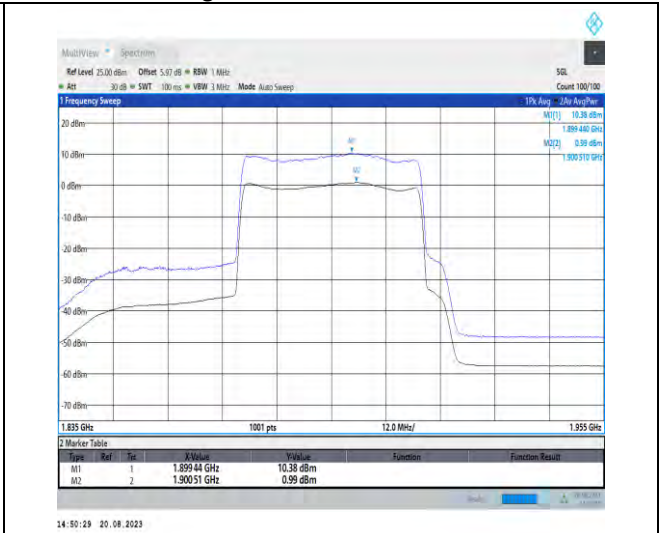


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1-N25-PC3-15-40-H-1-DFT-256QAM-Outer_Full-216
@0-Ant3-9.03-100%-0.00-9.03-PASS-≤13



1-N25-PC3-15-40-H-2-CP-256QAM-Outer_Full-216
@0-Ant3-9.39-100%-0.00-9.39-PASS-≤13



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26dB Bandwidth and Occupied Bandwidth for SA

Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result (99%) | Result (26dB) | Verdict |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N25 | 15 | 5 | DFT-QPSK | M | Outer_Full | 4.455 | 4.760 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 4.46 | 4.800 | PASS |
| N25 | 15 | 5 | DFT-16QAM | M | Outer_Full | 4.448 | 4.790 | PASS |
| N25 | 15 | 5 | DFT-64QAM | M | Outer_Full | 4.462 | 4.750 | PASS |
| N25 | 15 | 5 | DFT-256QAM | M | Outer_Full | 4.468 | 4.780 | PASS |
| N25 | 15 | 5 | CP-QPSK | M | Outer_Full | 4.466 | 4.840 | PASS |
| N25 | 15 | 5 | CP-16QAM | M | Outer_Full | 4.463 | 4.770 | PASS |
| N25 | 15 | 5 | CP-64QAM | M | Outer_Full | 4.455 | 4.770 | PASS |
| N25 | 15 | 5 | CP-256QAM | M | Outer_Full | 4.456 | 4.830 | PASS |
| N25 | 15 | 10 | DFT-QPSK | M | Outer_Full | 8.919 | 9.340 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.941 | 9.380 | PASS |
| N25 | 15 | 10 | DFT-16QAM | M | Outer_Full | 8.913 | 9.400 | PASS |
| N25 | 15 | 10 | DFT-64QAM | M | Outer_Full | 8.907 | 9.420 | PASS |
| N25 | 15 | 10 | DFT-256QAM | M | Outer_Full | 8.921 | 9.380 | PASS |
| N25 | 15 | 10 | CP-QPSK | M | Outer_Full | 9.279 | 9.740 | PASS |
| N25 | 15 | 10 | CP-16QAM | M | Outer_Full | 9.289 | 9.740 | PASS |
| N25 | 15 | 10 | CP-64QAM | M | Outer_Full | 9.283 | 9.740 | PASS |
| N25 | 15 | 10 | CP-256QAM | M | Outer_Full | 9.279 | 9.700 | PASS |
| N25 | 15 | 15 | DFT-QPSK | M | Outer_Full | 13.446 | 14.160 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.436 | 14.100 | PASS |
| N25 | 15 | 15 | DFT-16QAM | M | Outer_Full | 13.42 | 14.190 | PASS |
| N25 | 15 | 15 | DFT-64QAM | M | Outer_Full | 13.419 | 14.100 | PASS |
| N25 | 15 | 15 | DFT-256QAM | M | Outer_Full | 13.417 | 14.040 | PASS |
| N25 | 15 | 15 | CP-QPSK | M | Outer_Full | 14.103 | 14.760 | PASS |
| N25 | 15 | 15 | CP-16QAM | M | Outer_Full | 14.069 | 14.820 | PASS |
| N25 | 15 | 15 | CP-64QAM | M | Outer_Full | 14.084 | 14.760 | PASS |
| N25 | 15 | 15 | CP-256QAM | M | Outer_Full | 14.123 | 14.730 | PASS |
| N25 | 15 | 20 | DFT-QPSK | M | Outer_Full | 17.877 | 18.600 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.885 | 18.600 | PASS |
| N25 | 15 | 20 | DFT-16QAM | M | Outer_Full | 17.846 | 18.680 | PASS |



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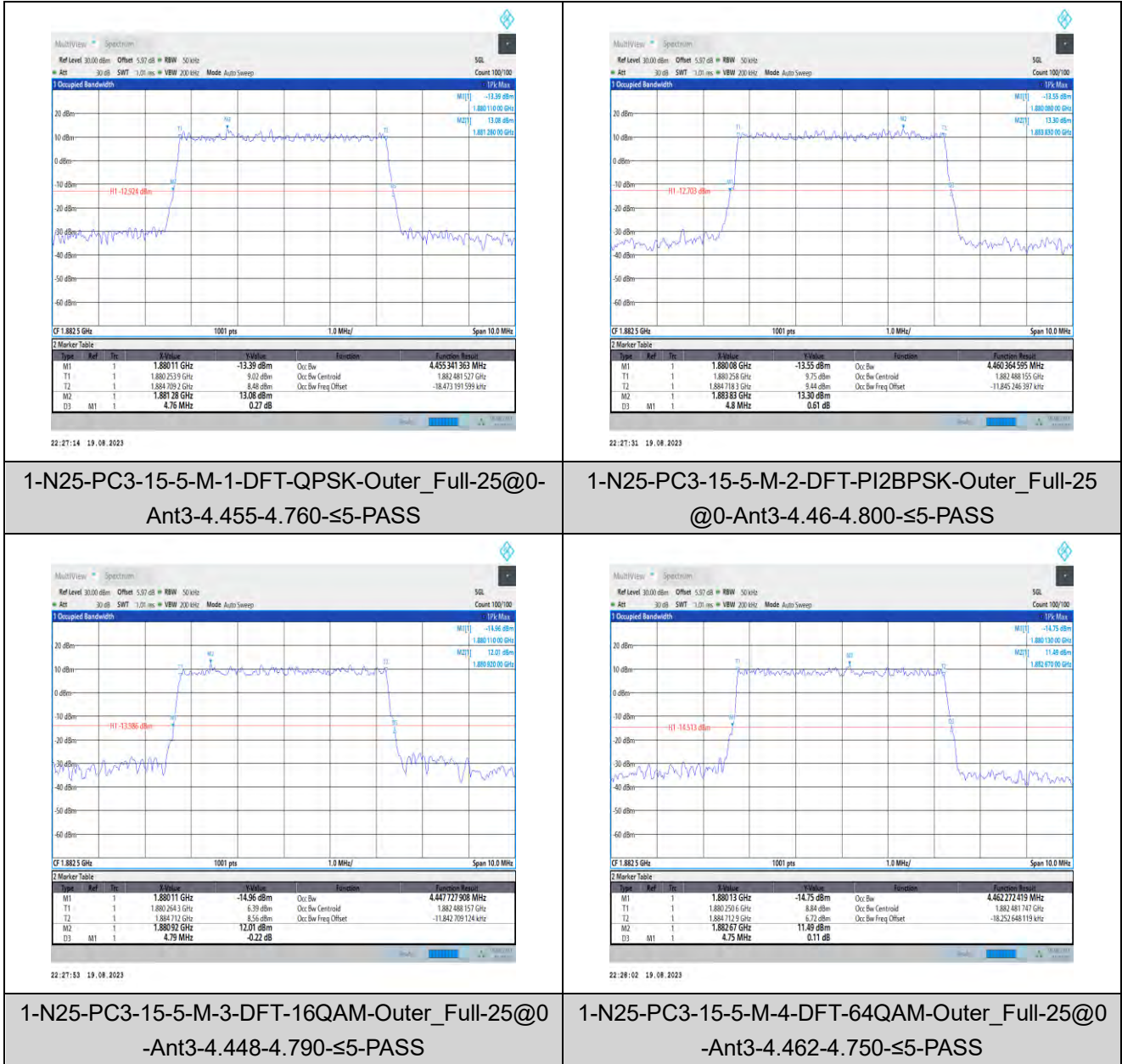
| | | | | | | | | |
|-----|----|----|-------------|---|------------|--------|--------|------|
| N25 | 15 | 20 | DFT-64QAM | M | Outer_Full | 17.859 | 18.680 | PASS |
| N25 | 15 | 20 | DFT-256QAM | M | Outer_Full | 17.902 | 18.640 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | 18.964 | 19.760 | PASS |
| N25 | 15 | 20 | CP-16QAM | M | Outer_Full | 18.976 | 19.640 | PASS |
| N25 | 15 | 20 | CP-64QAM | M | Outer_Full | 18.918 | 19.720 | PASS |
| N25 | 15 | 20 | CP-256QAM | M | Outer_Full | 18.903 | 19.840 | PASS |
| N25 | 15 | 25 | DFT-QPSK | M | Outer_Full | 22.878 | 23.800 | PASS |
| N25 | 15 | 25 | DFT-PI2BPSK | M | Outer_Full | 22.857 | 23.850 | PASS |
| N25 | 15 | 25 | DFT-16QAM | M | Outer_Full | 22.927 | 23.800 | PASS |
| N25 | 15 | 25 | DFT-64QAM | M | Outer_Full | 22.839 | 23.850 | PASS |
| N25 | 15 | 25 | DFT-256QAM | M | Outer_Full | 22.876 | 23.850 | PASS |
| N25 | 15 | 25 | CP-QPSK | M | Outer_Full | 23.747 | 24.700 | PASS |
| N25 | 15 | 25 | CP-16QAM | M | Outer_Full | 23.714 | 24.800 | PASS |
| N25 | 15 | 25 | CP-64QAM | M | Outer_Full | 23.716 | 24.700 | PASS |
| N25 | 15 | 25 | CP-256QAM | M | Outer_Full | 23.695 | 24.800 | PASS |
| N25 | 15 | 30 | DFT-QPSK | M | Outer_Full | 28.545 | 30.840 | PASS |
| N25 | 15 | 30 | DFT-PI2BPSK | M | Outer_Full | 28.573 | 29.760 | PASS |
| N25 | 15 | 30 | DFT-16QAM | M | Outer_Full | 28.538 | 29.880 | PASS |
| N25 | 15 | 30 | DFT-64QAM | M | Outer_Full | 28.593 | 29.760 | PASS |
| N25 | 15 | 30 | DFT-256QAM | M | Outer_Full | 28.566 | 29.700 | PASS |
| N25 | 15 | 30 | CP-QPSK | M | Outer_Full | 28.528 | 29.760 | PASS |
| N25 | 15 | 30 | CP-16QAM | M | Outer_Full | 28.561 | 29.700 | PASS |
| N25 | 15 | 30 | CP-64QAM | M | Outer_Full | 28.544 | 29.640 | PASS |
| N25 | 15 | 30 | CP-256QAM | M | Outer_Full | 28.564 | 29.760 | PASS |
| N25 | 15 | 40 | DFT-QPSK | M | Outer_Full | 38.506 | 40.240 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | 38.554 | 40.400 | PASS |
| N25 | 15 | 40 | DFT-16QAM | M | Outer_Full | 38.474 | 40.240 | PASS |
| N25 | 15 | 40 | DFT-64QAM | M | Outer_Full | 38.432 | 40.160 | PASS |
| N25 | 15 | 40 | DFT-256QAM | M | Outer_Full | 38.5 | 40.240 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | 38.495 | 40.240 | PASS |
| N25 | 15 | 40 | CP-16QAM | M | Outer_Full | 38.529 | 40.240 | PASS |
| N25 | 15 | 40 | CP-64QAM | M | Outer_Full | 38.515 | 40.080 | PASS |
| N25 | 15 | 40 | CP-256QAM | M | Outer_Full | 38.436 | 40.160 | PASS |



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Test Graphs



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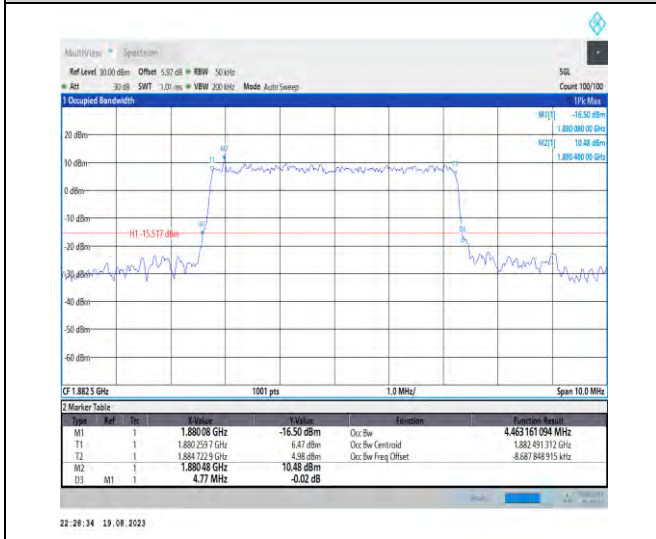
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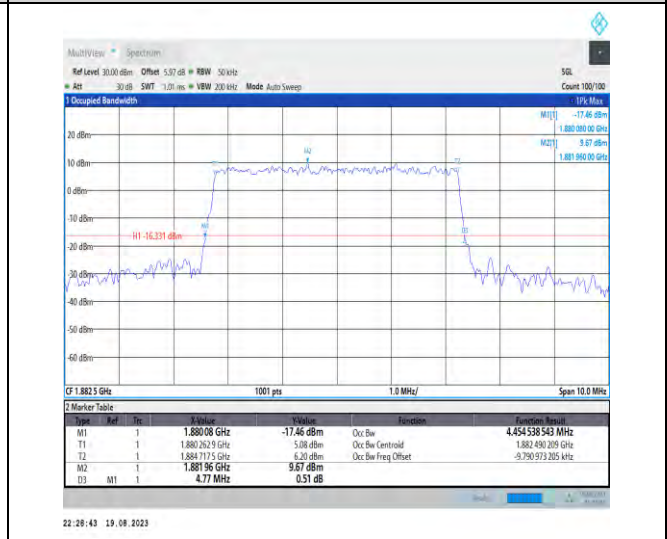
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1-N25-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant3-4.466-4.840-≤5-PASS



1-N25-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant3-4.463-4.770-≤5-PASS



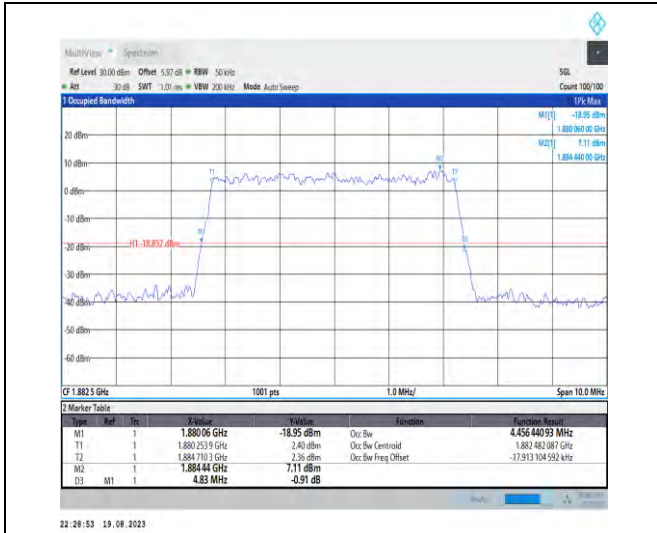
1-N25-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant3-4.455-4.770-≤5-PASS



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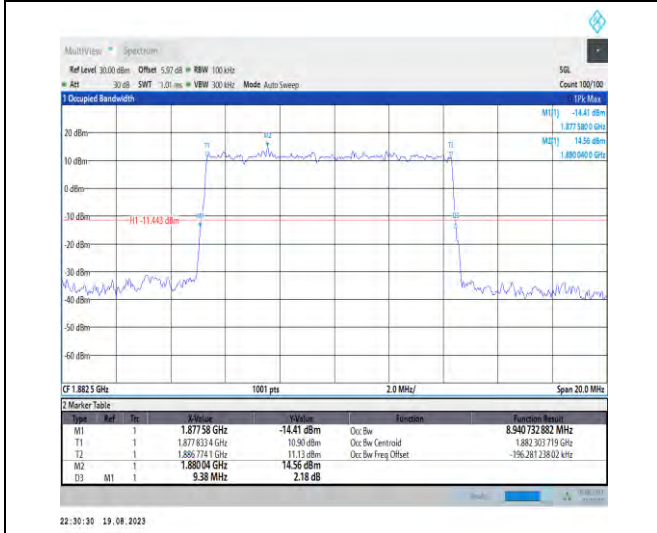
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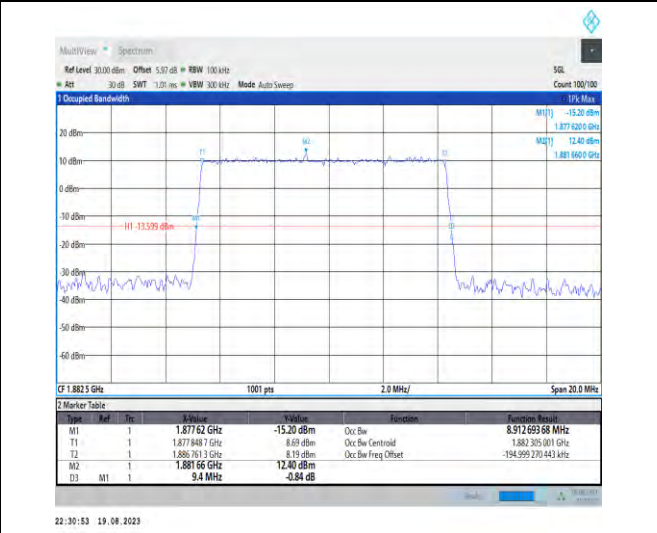
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-Ant3-4.456-4.830-≤5-PASS



1-N25-PC3-15-10-M-1-DFT-QPSK-Outer_Full-50@0
-Ant3-8.919-9.340-≤10-PASS



1-N25-PC3-15-10-M-2-DFT-PI2BPSK-Outer_Full-50@0-Ant3-8.941-9.380-≤10-PASS



1-N25-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant3-8.913-9.400-≤10-PASS



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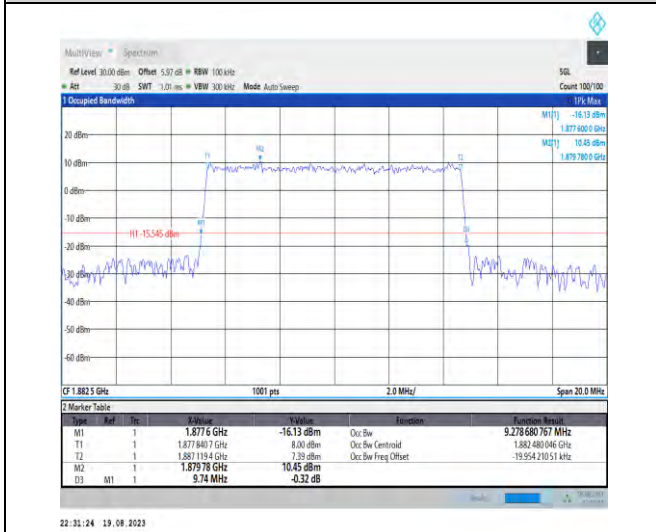
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1-N25-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@
0-Ant3-8.907-9.420-≤10-PASS



1-N25-PC3-15-10-M-5-DFT-256QAM-Outer_Full-50
@0-Ant3-8.921-9.380-≤10-PASS



1-N25-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-
Ant3-9.279-9.740-≤10-PASS



1-N25-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-
-Ant3-9.289-9.740-≤10-PASS

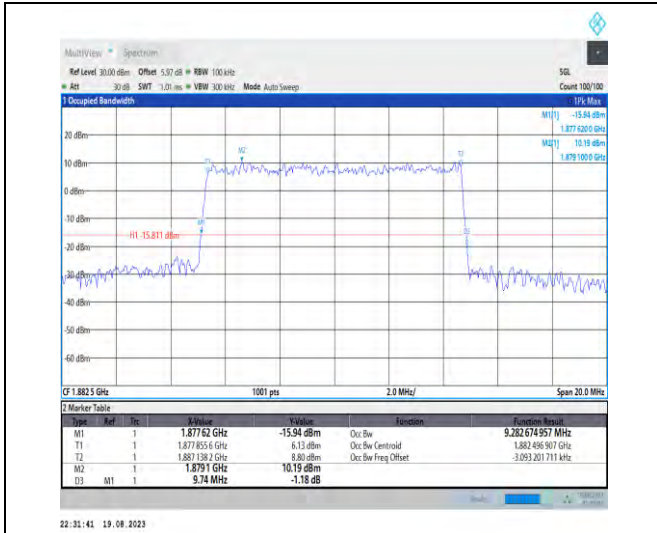


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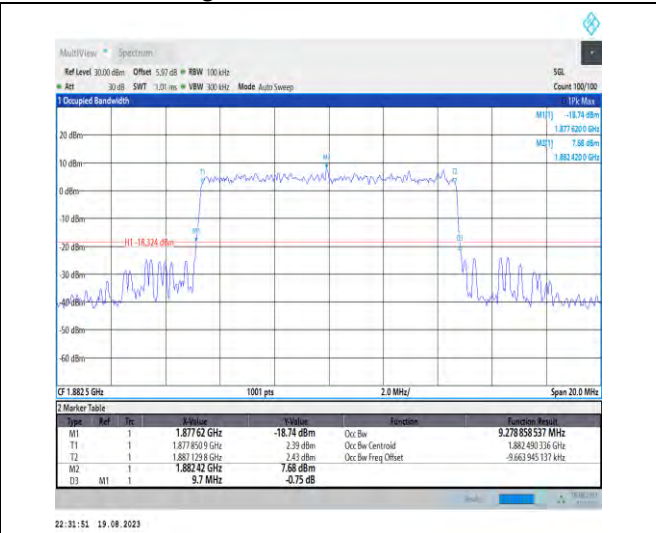
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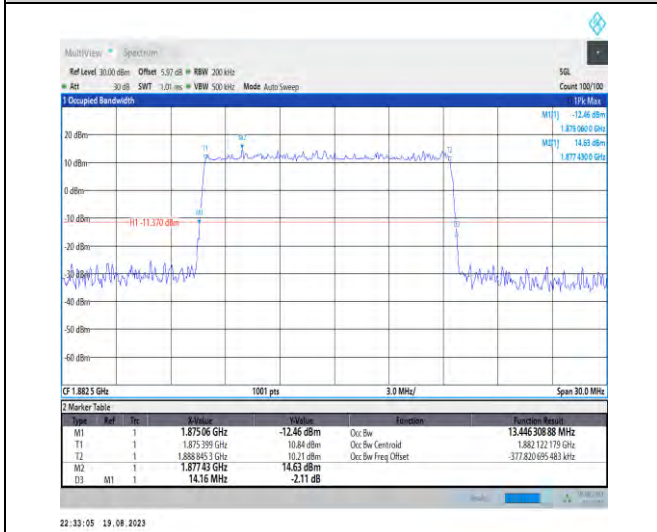
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-Ant3-9.283-9.740-≤10-PASS



1-N25-PC3-15-10-M-9-CP-256QAM-Outer_Full-52@0
-Ant3-9.279-9.700-≤10-PASS



1-N25-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0
-Ant3-13.446-14.160-≤15-PASS



1-N25-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75@0
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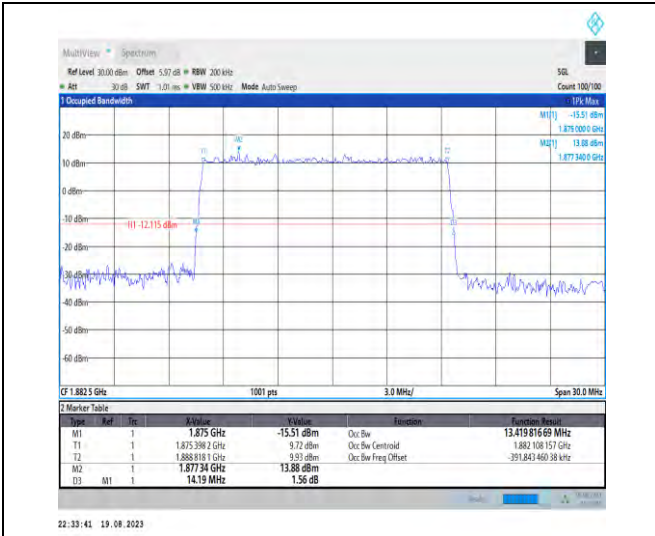


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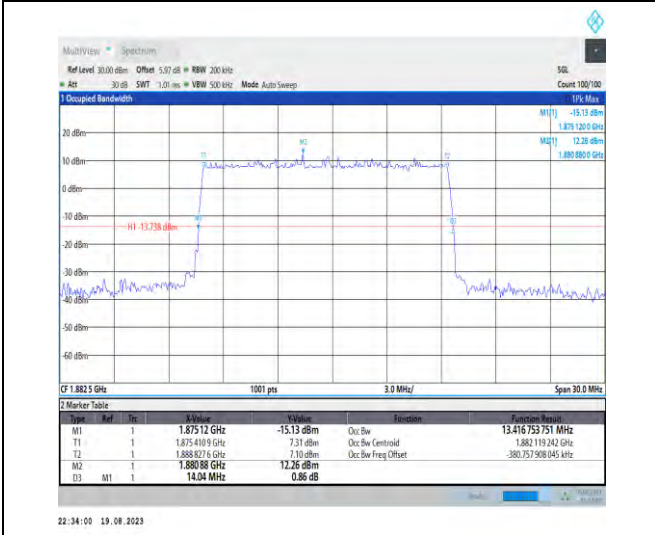
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1-N25-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@0-Ant3-13.42-14.190-≤15-PASS

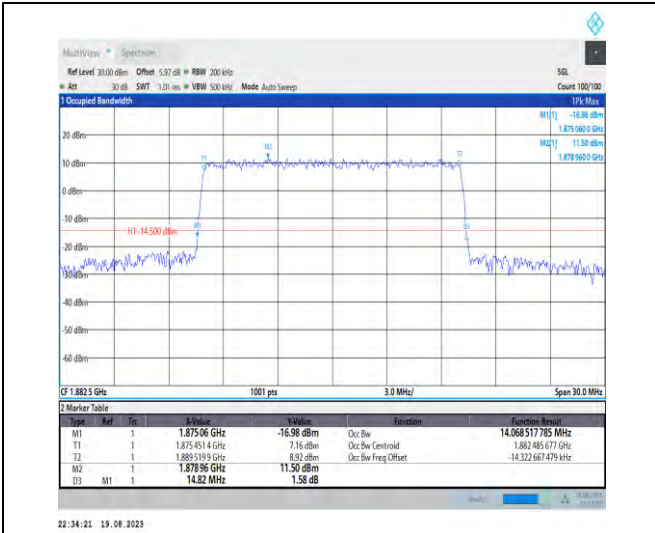
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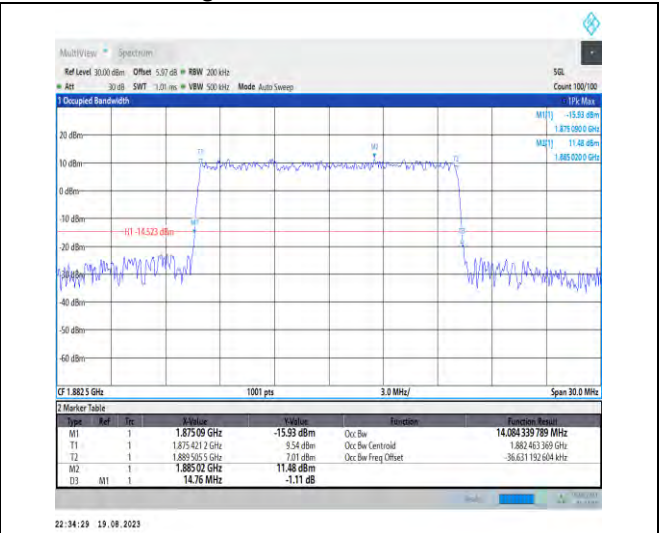
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1-N25-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant3-14.103-14.760-≤15-PASS





1-N25-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0
-Ant3-14.069-14.820-≤15-PASS



1-N25-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0
-Ant3-14.084-14.760-≤15-PASS



1-N25-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0
-Ant3-14.123-14.730-≤15-PASS



1-N25-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@0
-Ant3-17.877-18.600-≤20-PASS



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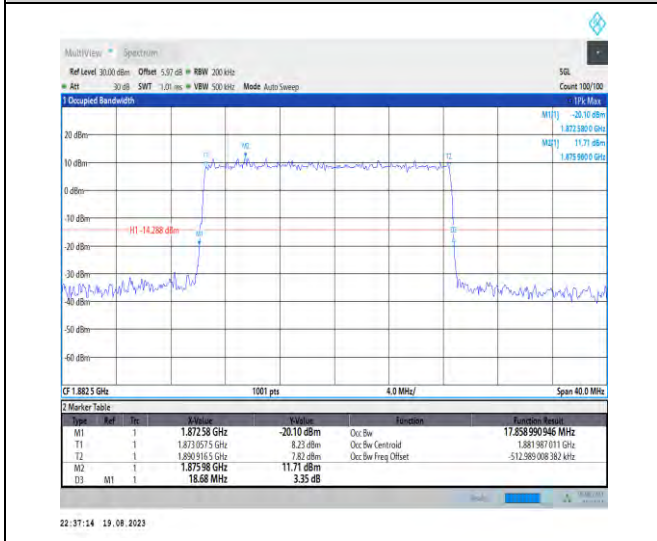
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1-N25-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100@0-Ant3-17.846-18.680-≤20-PASS



1-N25-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100@0-Ant3-17.859-18.680-≤20-PASS

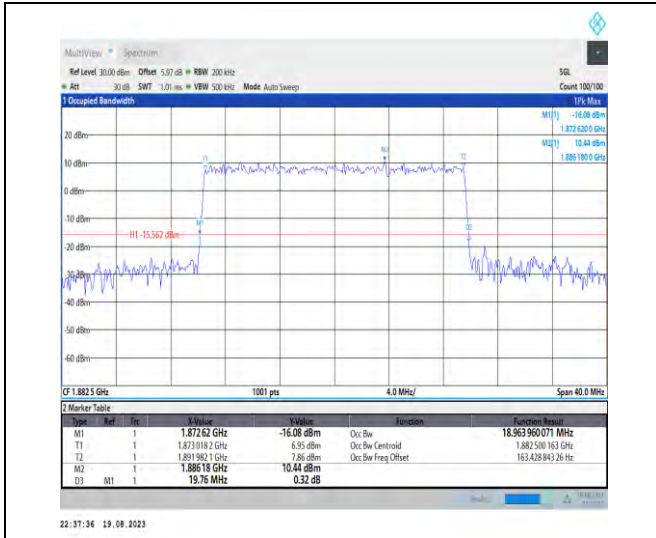
1-N25-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100@0-Ant3-17.902-18.640-≤20-PASS



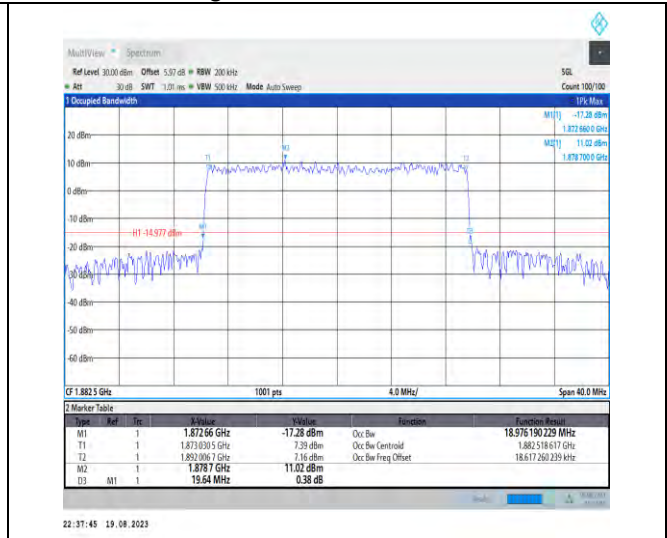
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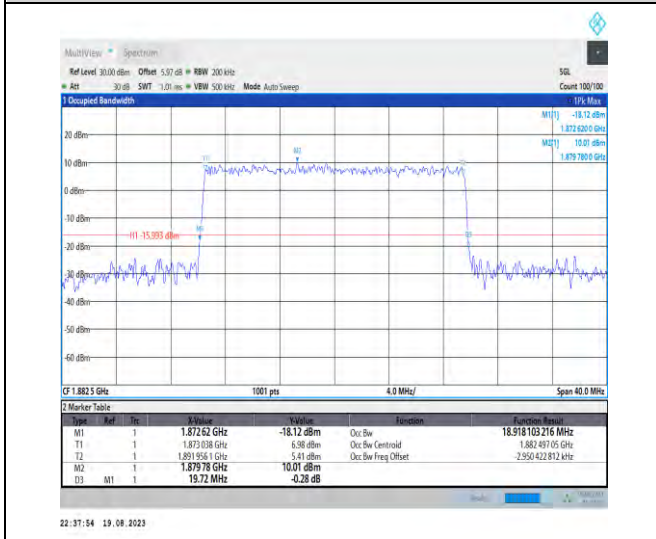
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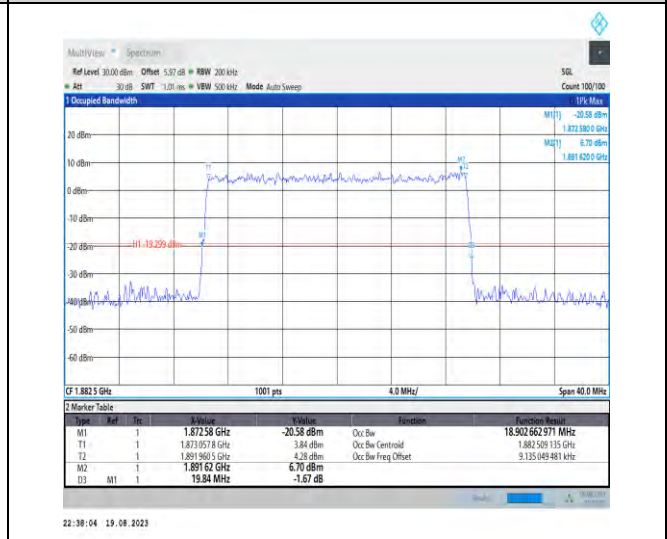
1-N25-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0
-Ant3-18.964-19.760-≤20-PASS



1-N25-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@0
-Ant3-18.976-19.640-≤20-PASS



1-N25-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@0
-Ant3-18.918-19.720-≤20-PASS



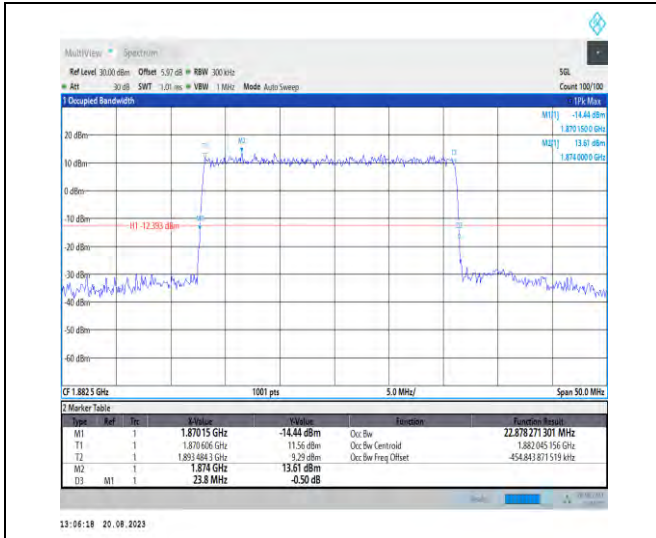
1-N25-PC3-15-20-M-9-CP-256QAM-Outer_Full-106@0
-Ant3-18.903-19.840-≤20-PASS



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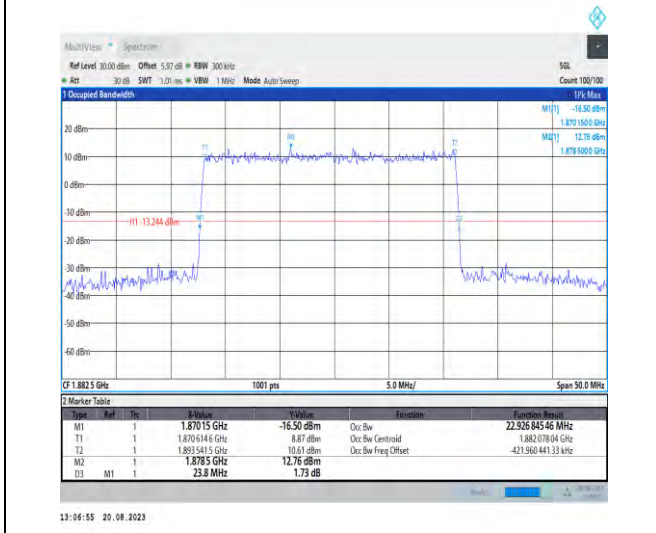
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1-N25-PC3-15-25-M-1-DFT-QPSK-Outer_Full-128@0-Ant3-22.878-23.800-≤25-PASS

1-N25-PC3-15-25-M-2-DFT-PI2BPSK-Outer_Full-128@0-Ant3-22.857-23.850-≤25-PASS



1-N25-PC3-15-25-M-3-DFT-16QAM-Outer_Full-128@0-Ant3-22.927-23.800-≤25-PASS

1-N25-PC3-15-25-M-4-DFT-64QAM-Outer_Full-128@0-Ant3-22.839-23.850-≤25-PASS



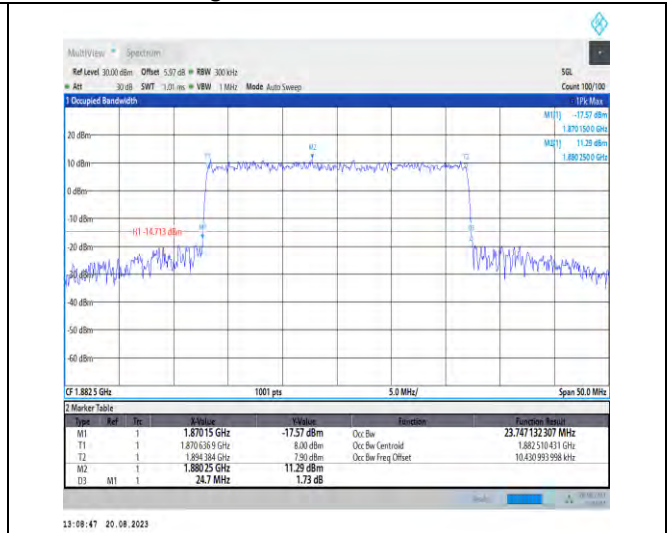
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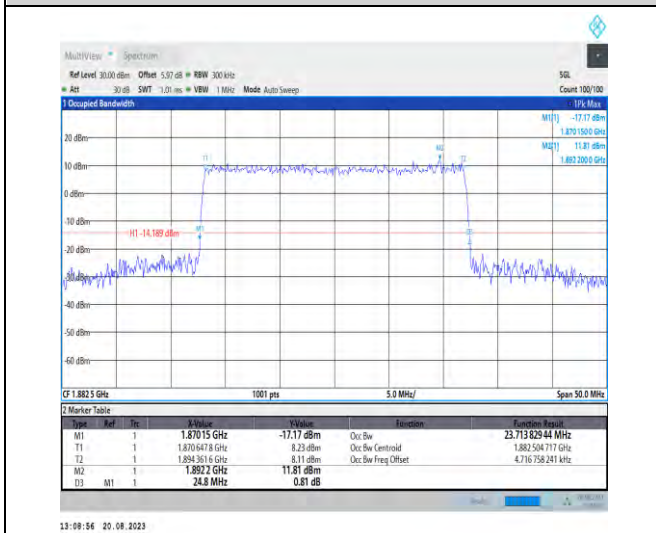
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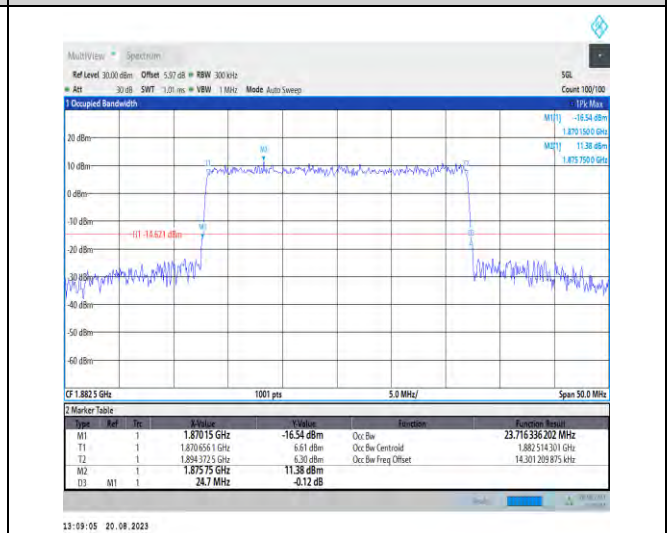
1-N25-PC3-15-25-M-5-DFT-256QAM-Outer_Full-128 @0-Ant3-22.876-23.850-≤25-PASS



1-N25-PC3-15-25-M-6-CP-QPSK-Outer_Full-133@0-Ant3-23.747-24.700-≤25-PASS



1-N25-PC3-15-25-M-7-CP-16QAM-Outer_Full-133@0-Ant3-23.714-24.800-≤25-PASS



1-N25-PC3-15-25-M-8-CP-64QAM-Outer_Full-133@0-Ant3-23.716-24.700-≤25-PASS



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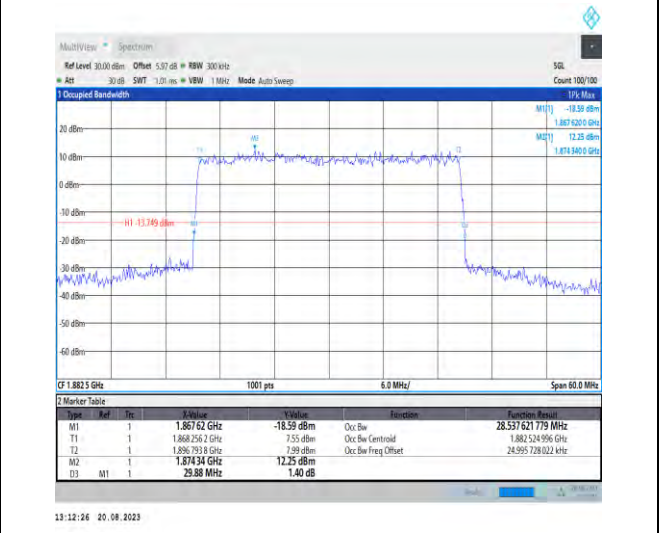
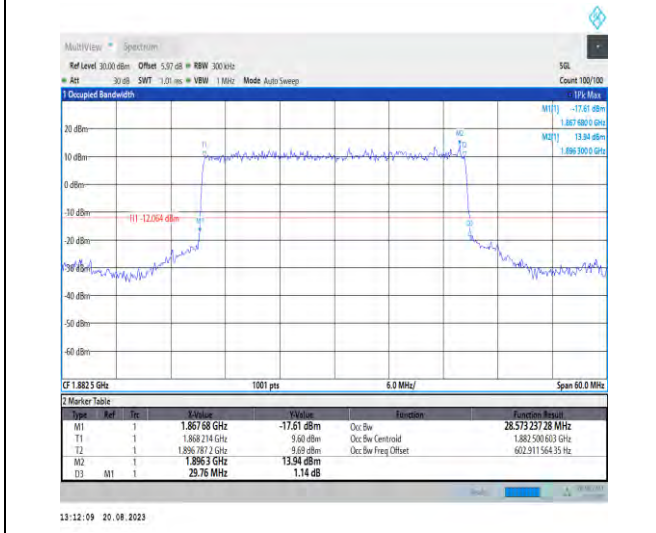
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1-N25-PC3-15-25-M-9-CP-256QAM-Outer_Full-133 @0-Ant3-23.695-24.800-≤25-PASS

1-N25-PC3-15-30-M-1-DFT-QPSK-Outer_Full-160 @0-Ant3-28.545-30.840-≤30-PASS



1-N25-PC3-15-30-M-2-DFT-PI2BPSK-Outer_Full-160 @0-Ant3-28.573-29.760-≤30-PASS

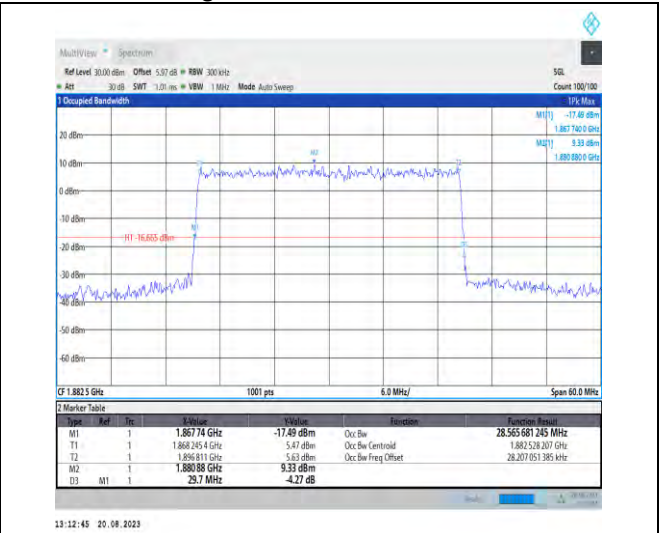
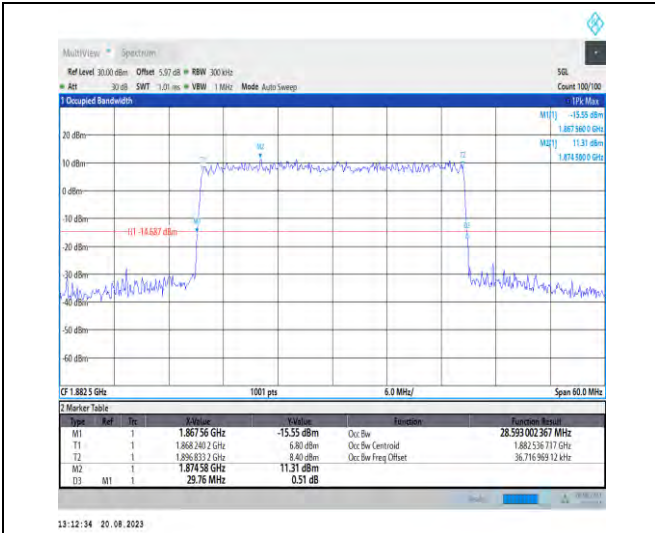
1-N25-PC3-15-30-M-3-DFT-16QAM-Outer_Full-160 @0-Ant3-28.538-29.880-≤30-PASS



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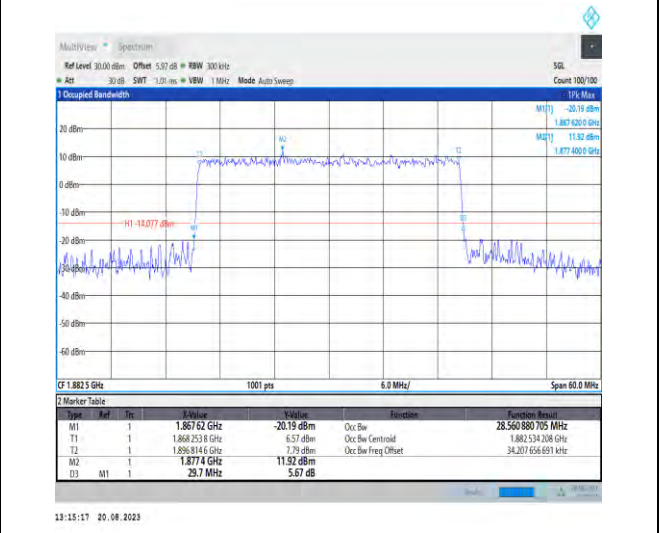
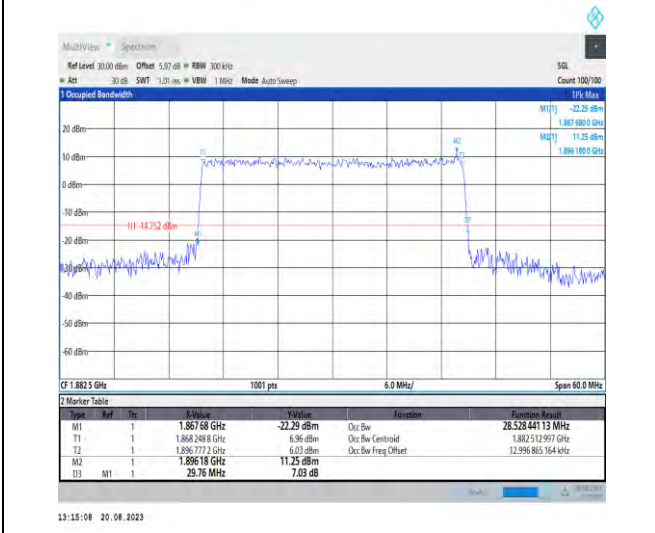
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1-N25-PC3-15-30-M-4-DFT-64QAM-Outer_Full-160 @0-Ant3-28.593-29.760-≤30-PASS

1-N25-PC3-15-30-M-5-DFT-256QAM-Outer_Full-160 @0-Ant3-28.566-29.700-≤30-PASS



1-N25-PC3-15-30-M-6-CP-QPSK-Outer_Full-160@0 -Ant3-28.528-29.760-≤30-PASS

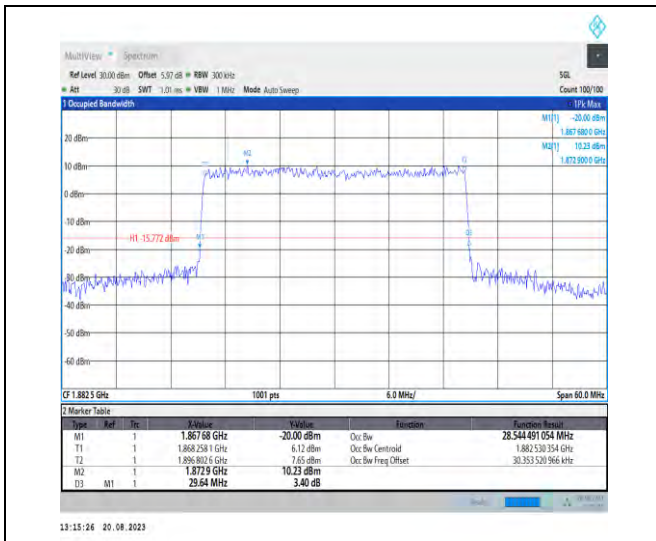
1-N25-PC3-15-30-M-7-CP-16QAM-Outer_Full-160@0 -Ant3-28.561-29.700-≤30-PASS



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1-N25-PC3-15-30-M-8-CP-64QAM-Outer_Full-160@0-Ant3-28.544-29.640-≤30-PASS

1-N25-PC3-15-30-M-9-CP-256QAM-Outer_Full-160@0-Ant3-28.564-29.760-≤30-PASS



1-N25-PC3-15-40-M-1-DFT-QPSK-Outer_Full-216@0-Ant3-38.506-40.240-≤40-PASS

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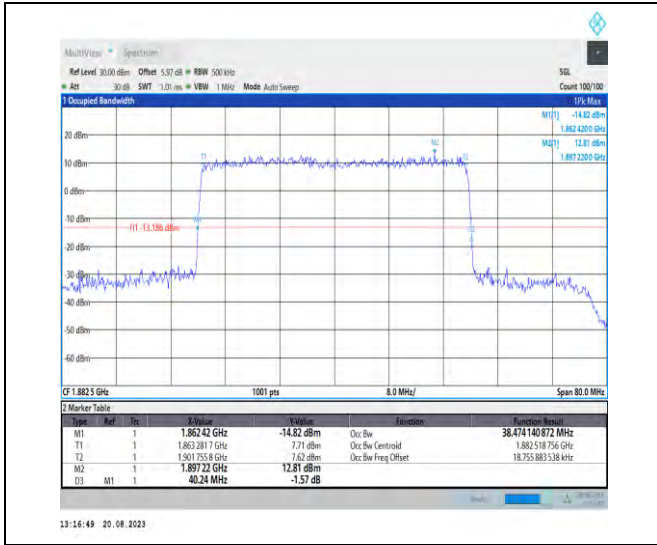


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1-N25-PC3-15-40-M-3-DFT-16QAM-Outer_Full-216 @0-Ant3-38.474-40.240-≤40-PASS

1-N25-PC3-15-40-M-4-DFT-64QAM-Outer_Full-216 @0-Ant3-38.432-40.160-≤40-PASS



1-N25-PC3-15-40-M-5-DFT-256QAM-Outer_Full-216 @0-Ant3-38.5-40.240-≤40-PASS

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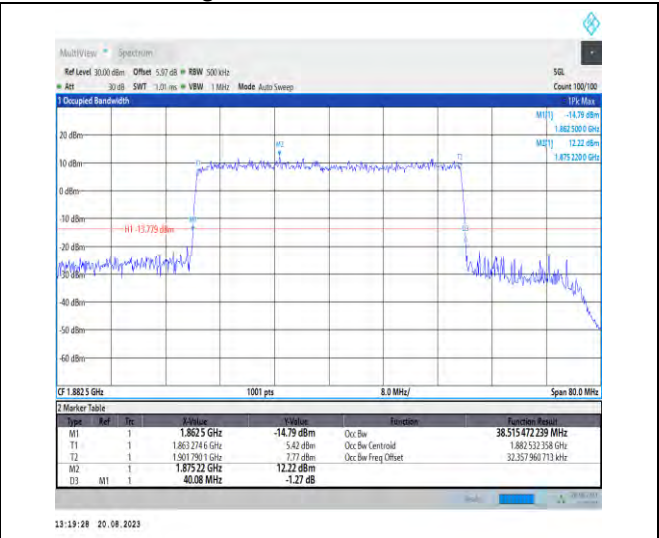
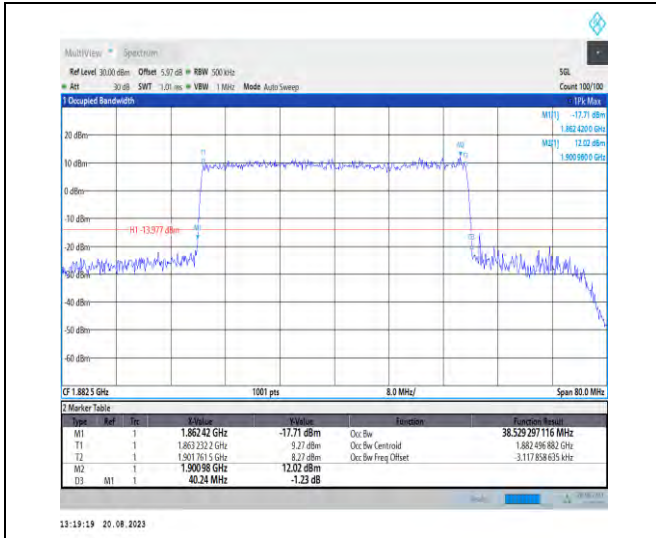


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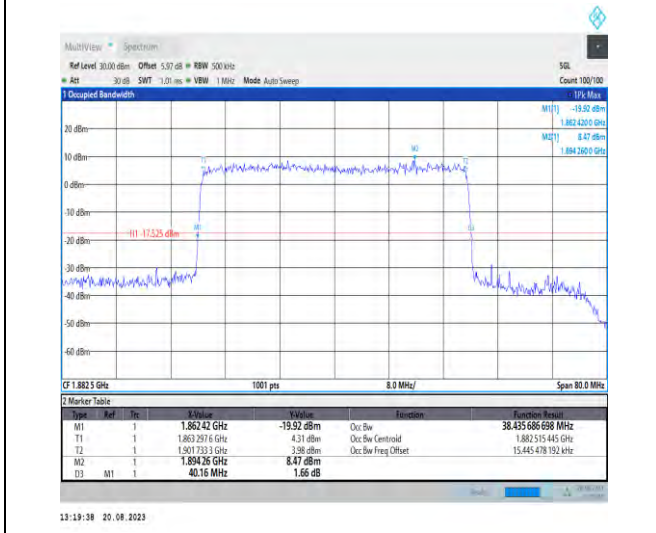
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1-N25-PC3-15-40-M-8-CP-64QAM-Outer_Full-216@0-Ant3-38.515-40.080-≤40-PASS



1-N25-PC3-15-40-M-9-CP-256QAM-Outer_Full-216@0-Ant3-38.436-40.160-≤40-PASS



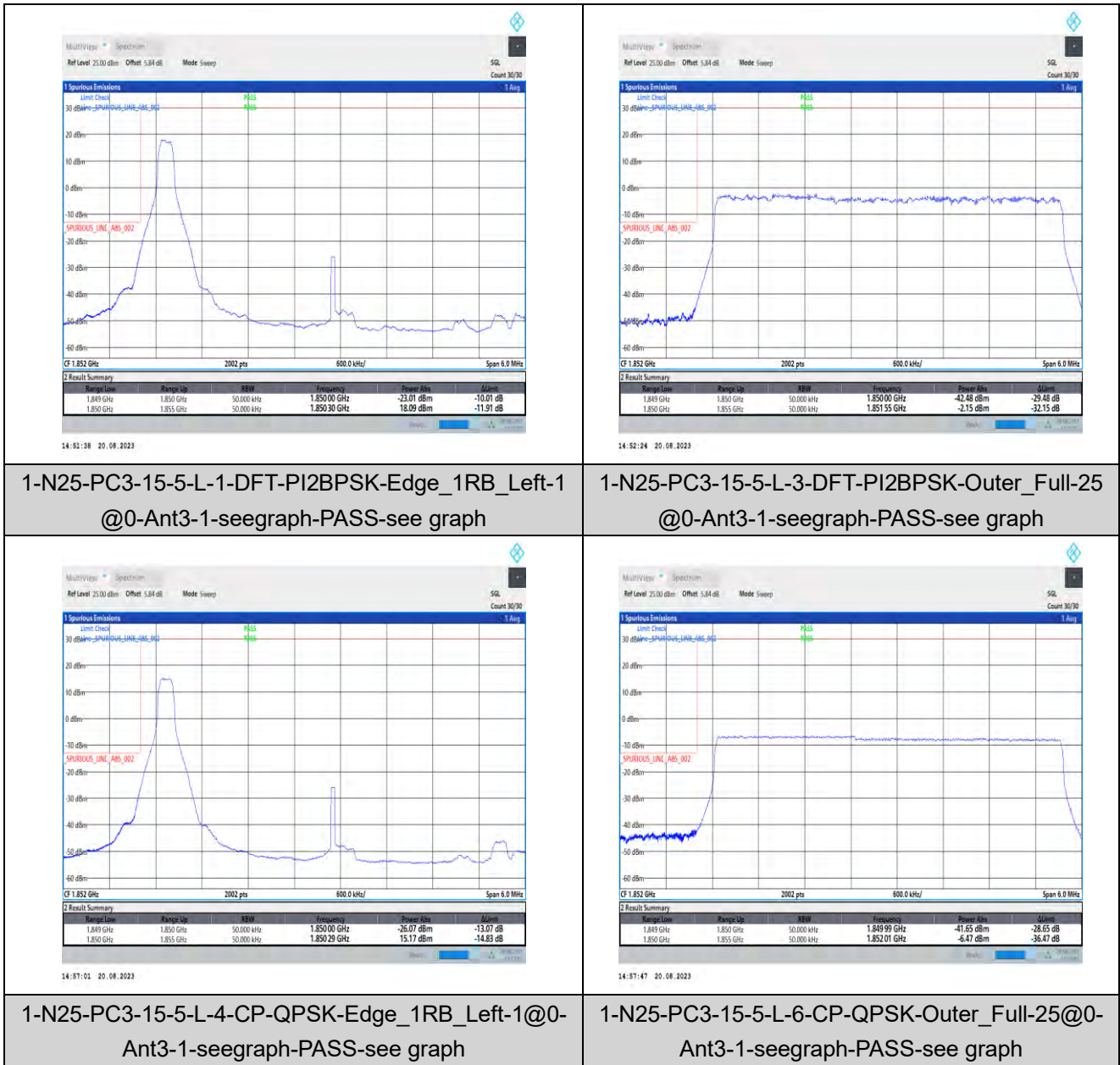
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Band Edge for SA

Test Graphs



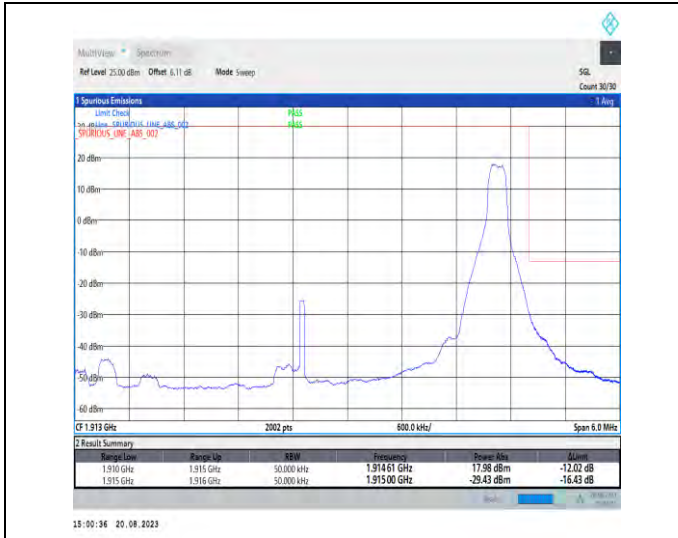
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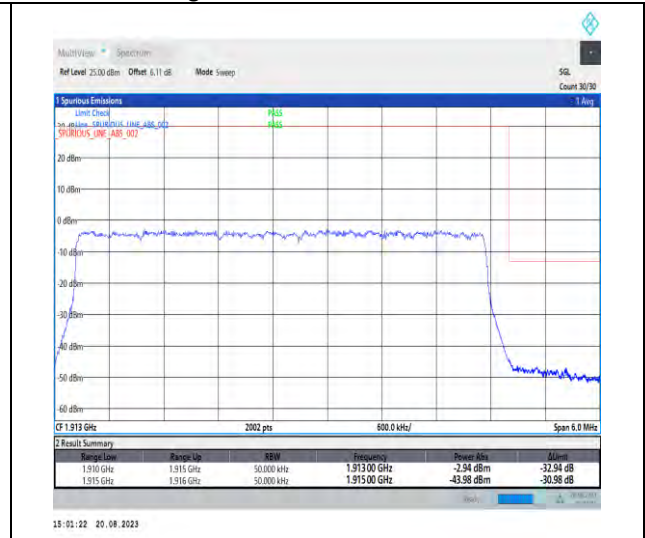
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1-N25-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant3-1-seegraph-PASS-see graph

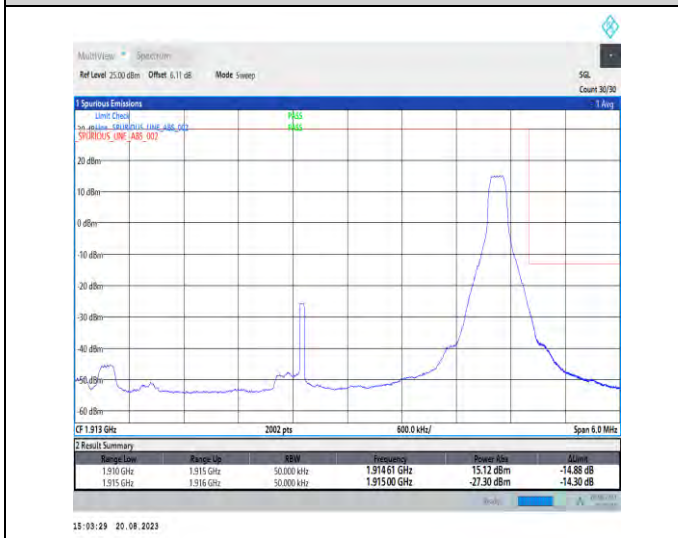




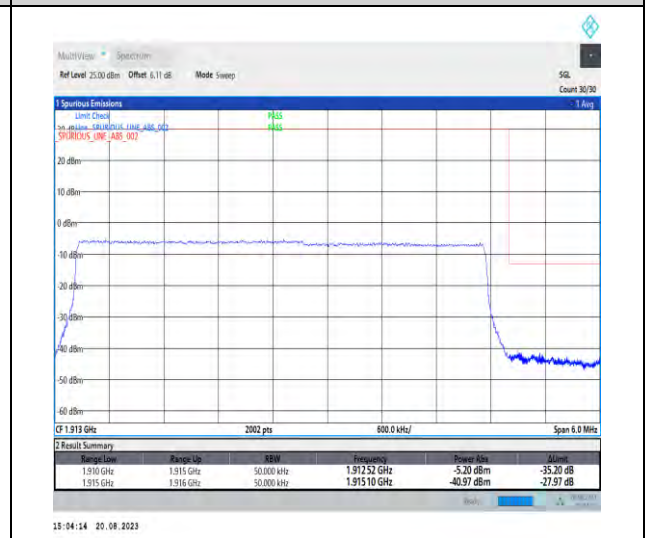
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1-N25-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant3-1-seegraph-PASS-see graph



1-N25-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant3-1-seegraph-PASS-see graph

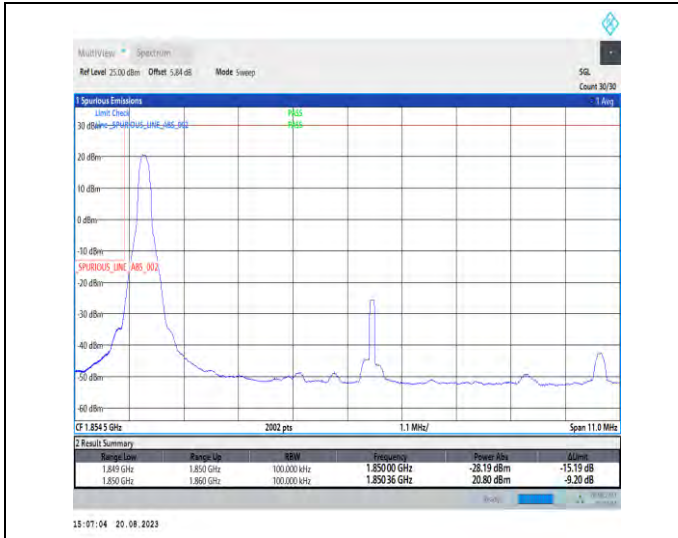


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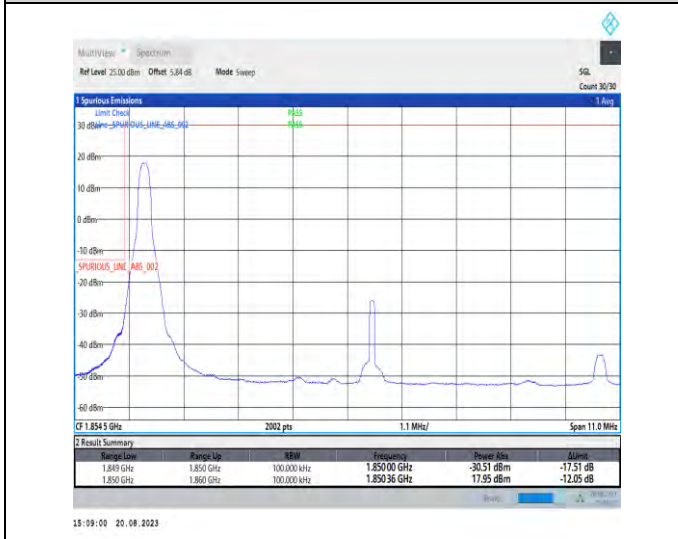
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1-N25-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant3-1-seegraph-PASS-see graph



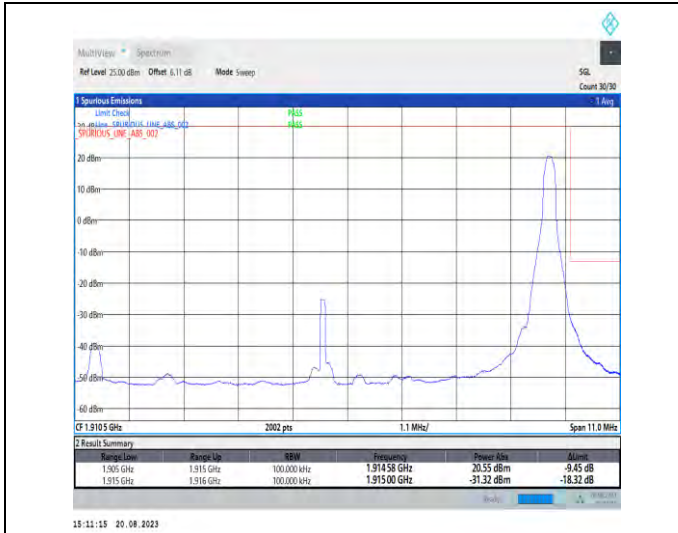
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1-N25-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant3-1-seegraph-PASS-see graph



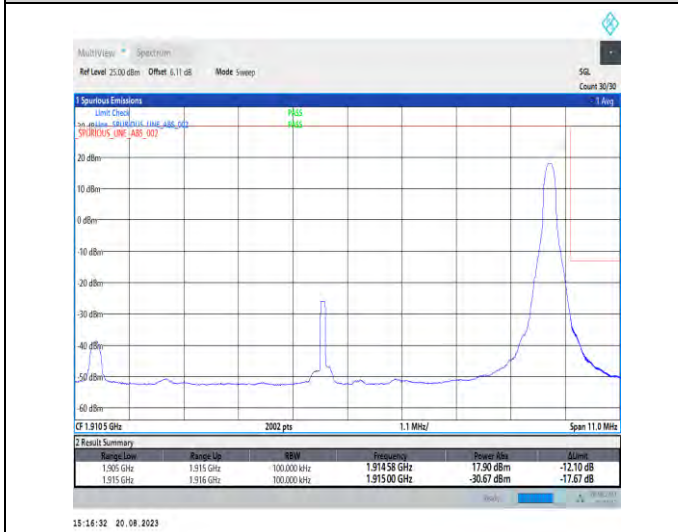
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1-N25-PC3-15-10-H-2-DFT-PI2BPSK-Edge_1RB_Right-t@51-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-10-H-3-DFT-PI2BPSK-Outer_Full-50@0-Ant3-1-seegraph-PASS-see graph



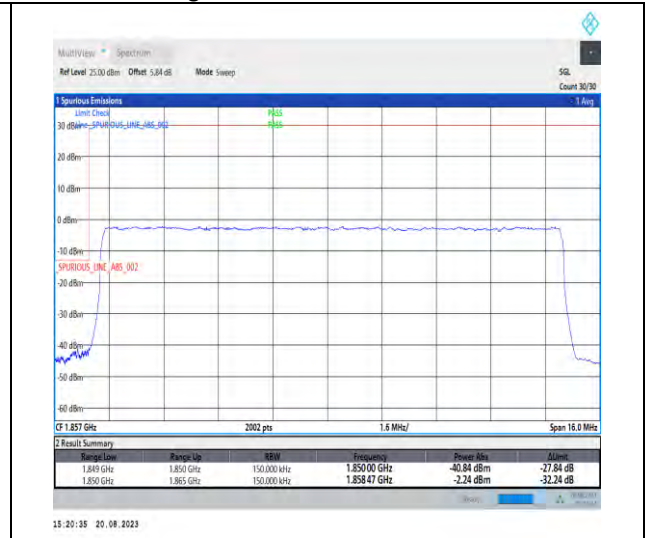
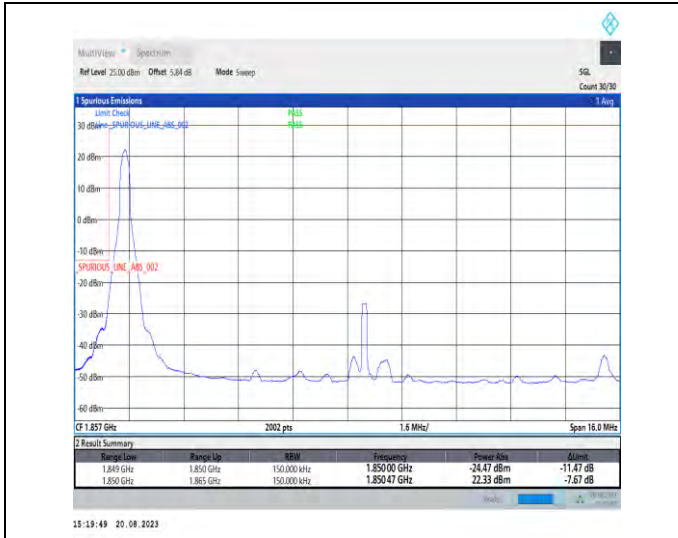
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1-N25-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-Ant3-1-seegraph-PASS-see graph



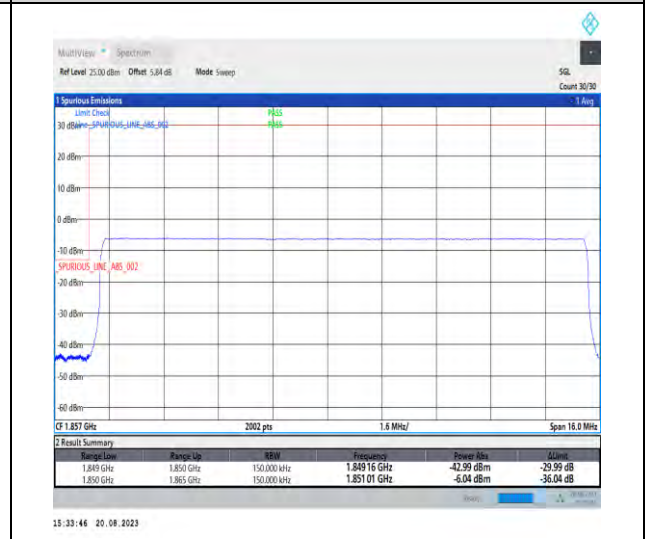
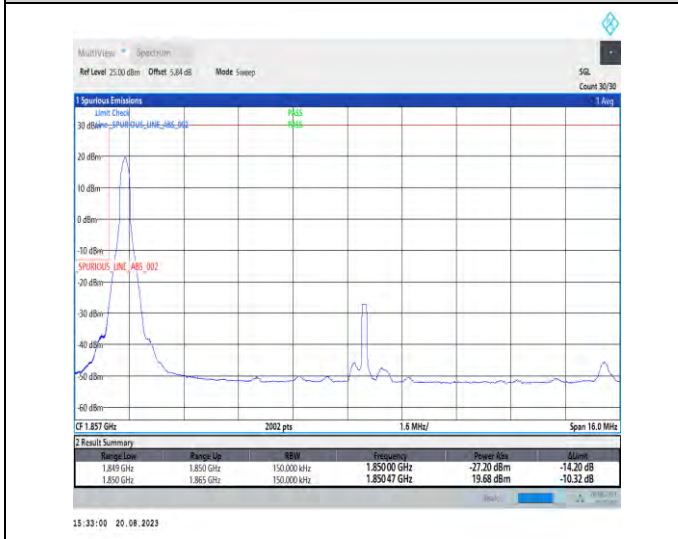
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1-N25-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant3-1-seegraph-PASS-see graph



1-N25-PC3-15-15-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant3-1-seegraph-PASS-see graph

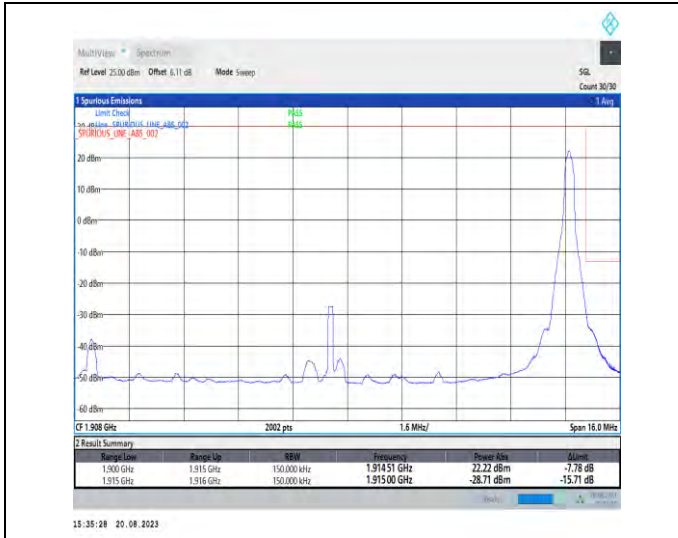


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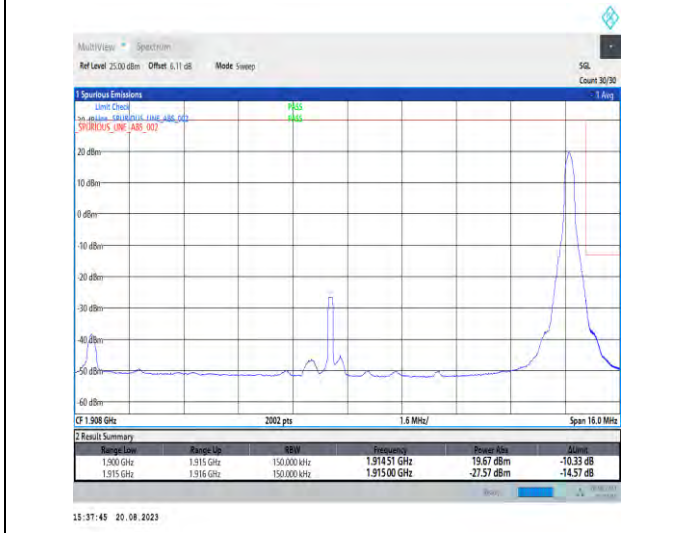
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1-N25-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-t1@78-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant3-1-seegraph-PASS-see graph



1-N25-PC3-15-15-H-5-CP-QPSK-Edge_1RB_Right-1@78-Ant3-1-seegraph-PASS-see graph

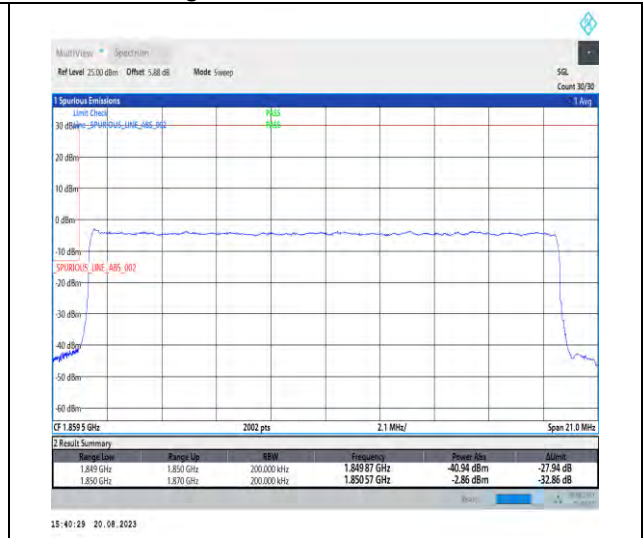
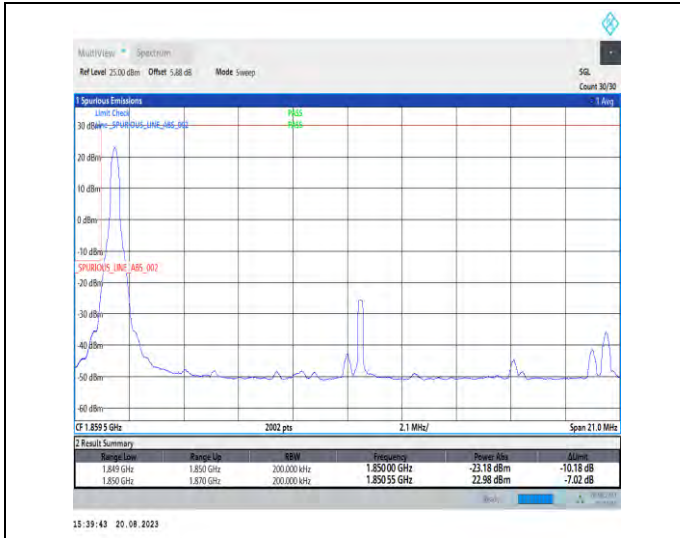
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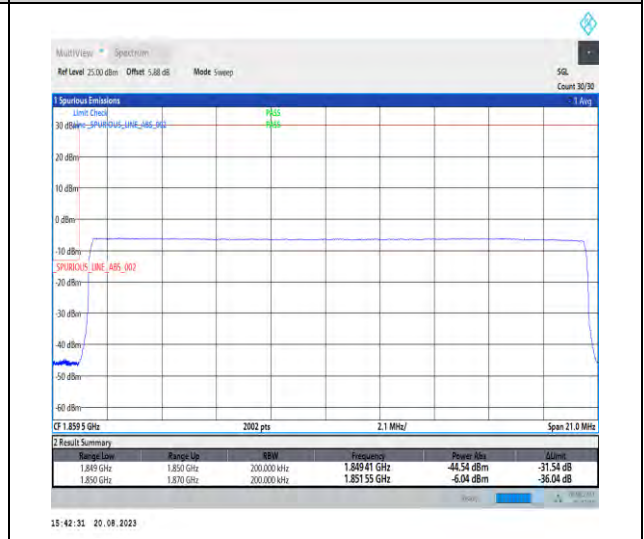
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1-N25-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1-seegrph-PASS-see graph

1-N25-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-1-seegrph-PASS-see graph



1-N25-PC3-15-20-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1-seegrph-PASS-see graph

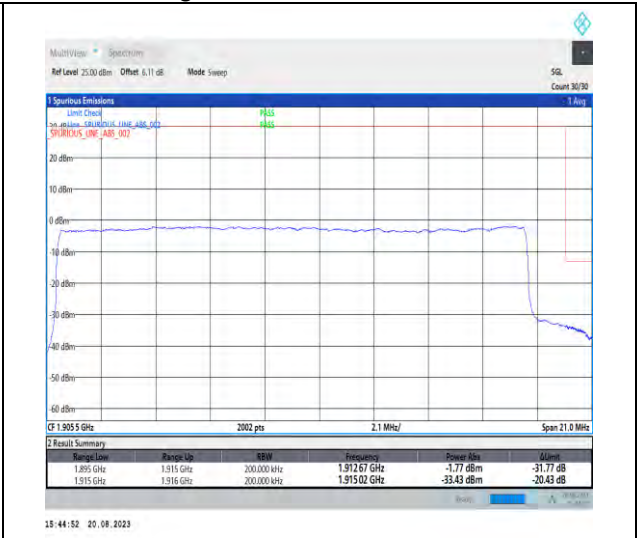
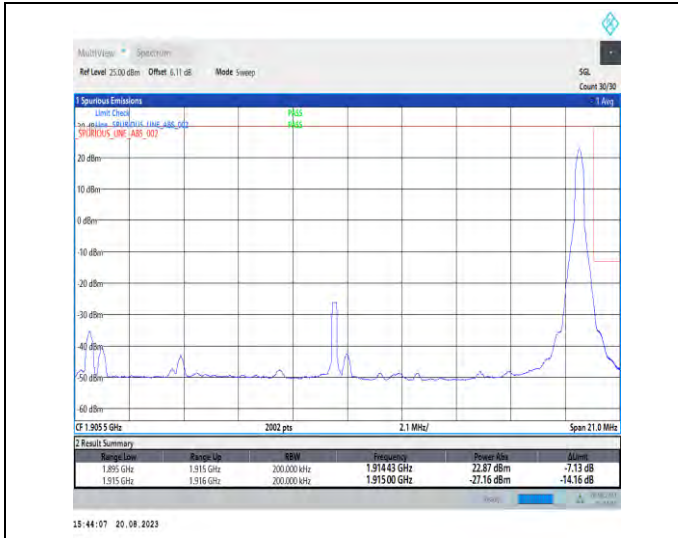
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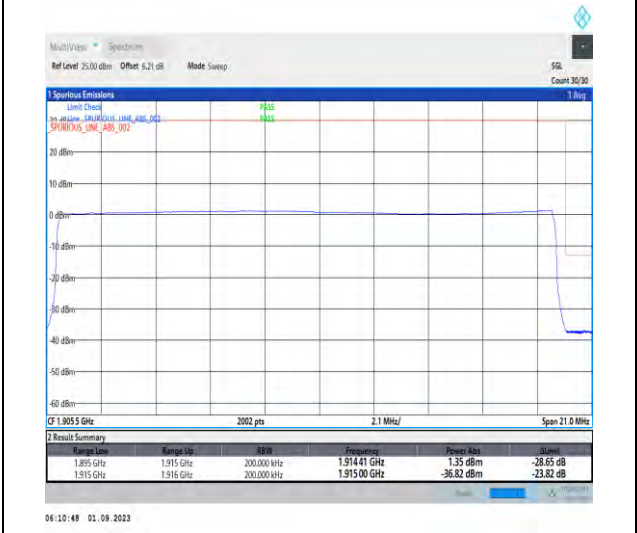
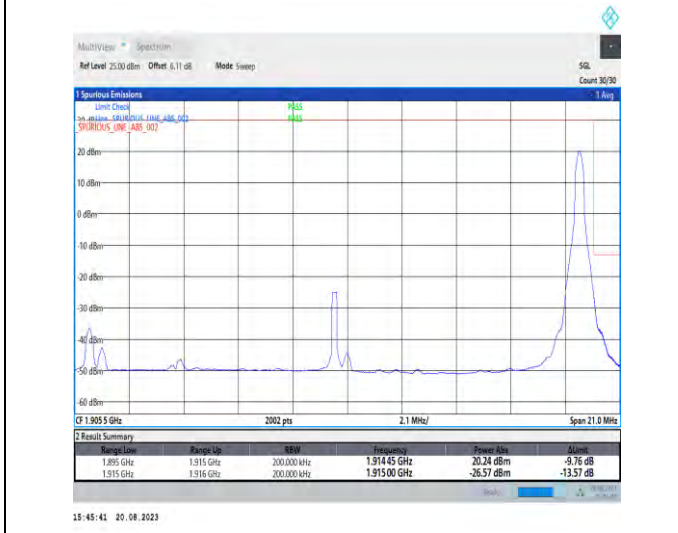
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1-N25-PC3-15-20-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@105-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-20-H-3-DFT-PI2BPSK-Outer_Full-100@0-Ant3-1-seegraph-PASS-see graph



1-N25-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant3-1-seegraph-PASS-see graph

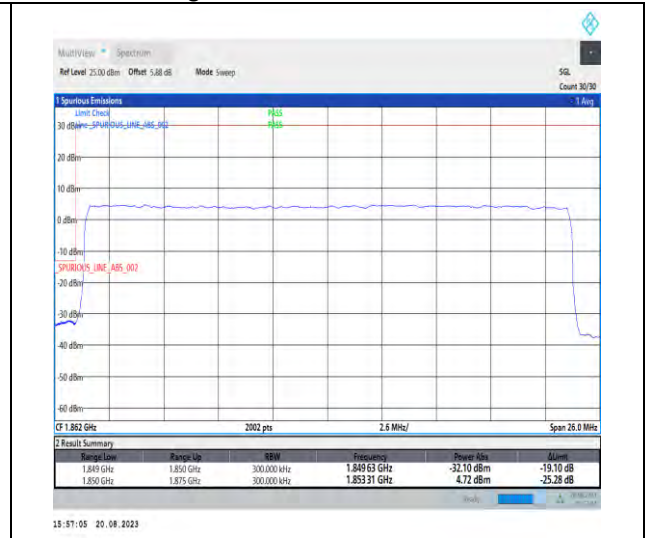
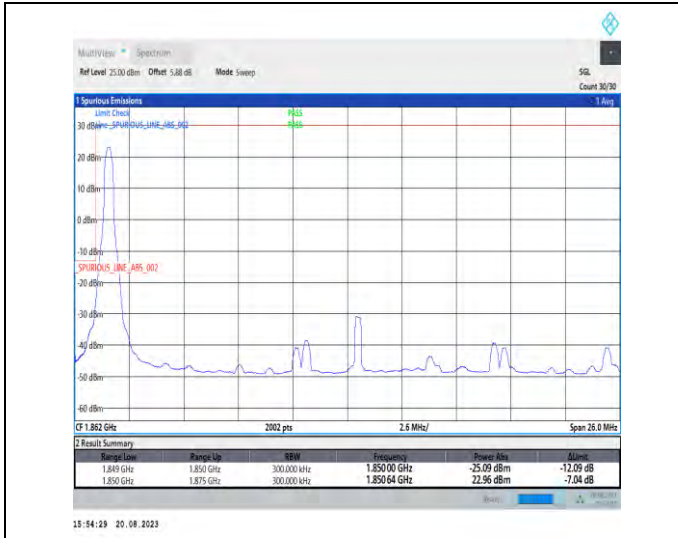
1-N25-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant3-1-seegraph-PASS-see graph



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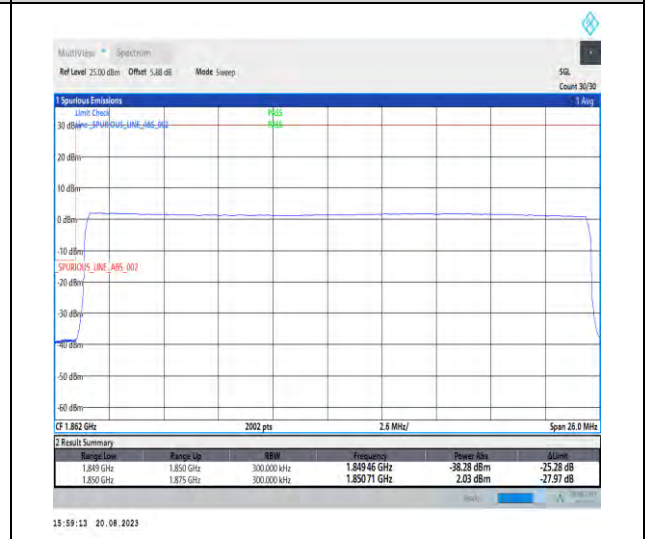
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1-N25-PC3-15-25-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-25-L-3-DFT-PI2BPSK-Outer_Full-1 28@0-Ant3-1-seegraph-PASS-see graph



1-N25-PC3-15-25-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-25-L-6-CP-QPSK-Outer_Full-133@0-Ant3-1-seegraph-PASS-see graph

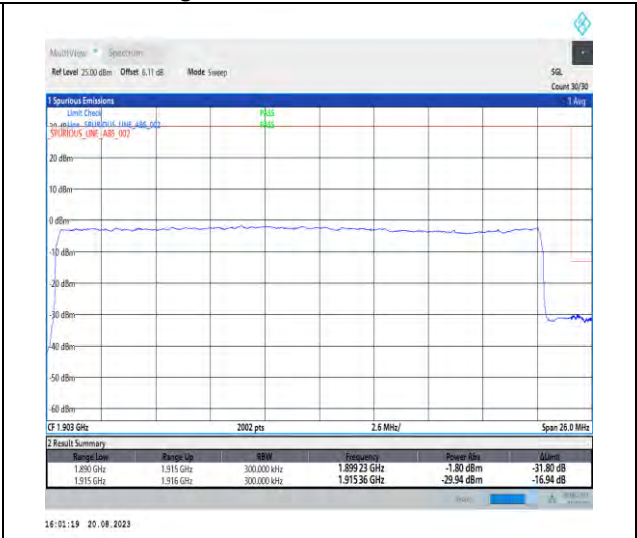
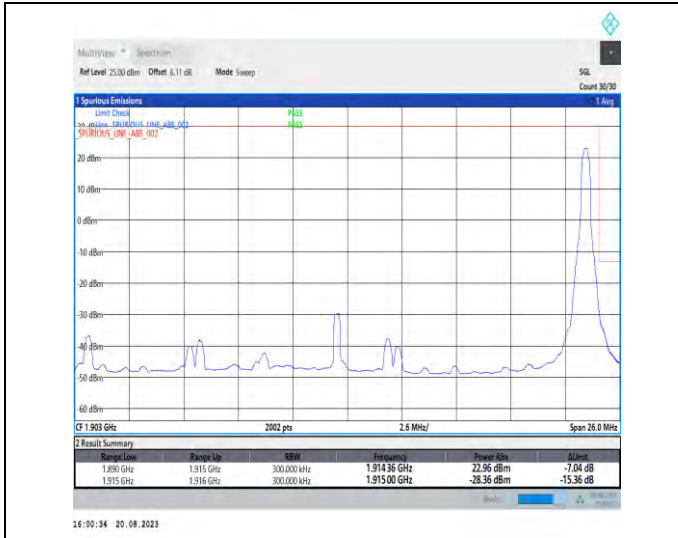


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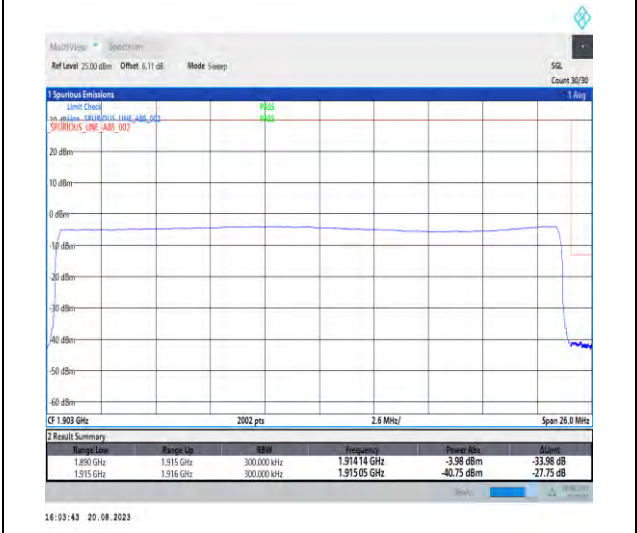
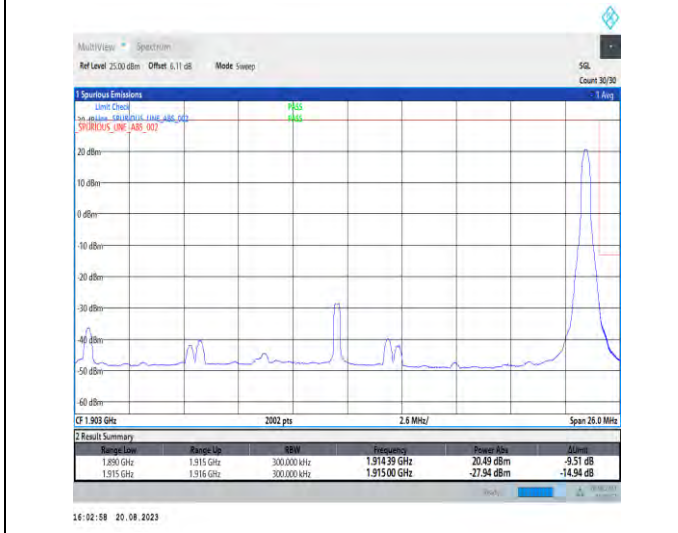
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1-N25-PC3-15-25-H-3-DFT-PI2BPSK-Outer_Full-1-28@0-Ant3-1-seegraph-PASS-see graph



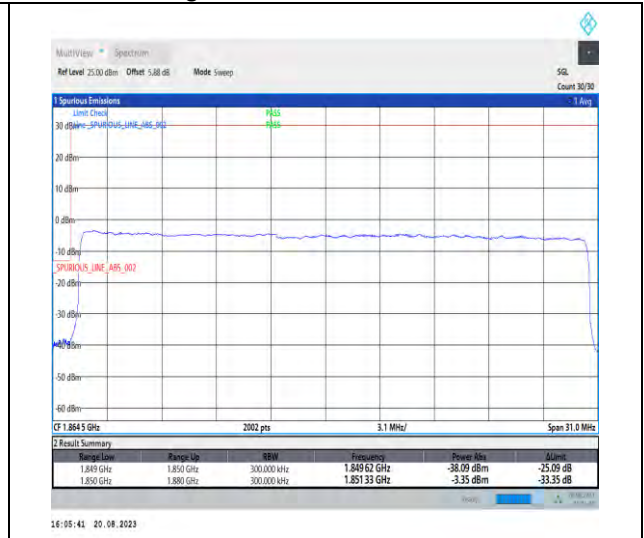
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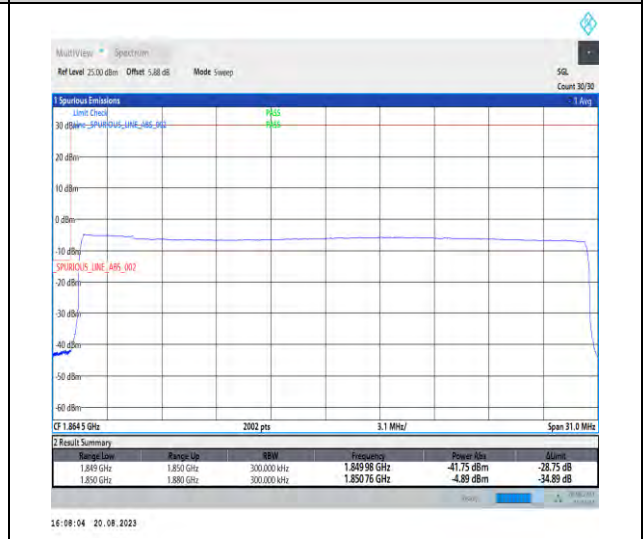
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1-N25-PC3-15-30-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1-seegrph-PASS-see graph

1-N25-PC3-15-30-L-3-DFT-PI2BPSK-Outer_Full-160@0-Ant3-1-seegrph-PASS-see graph



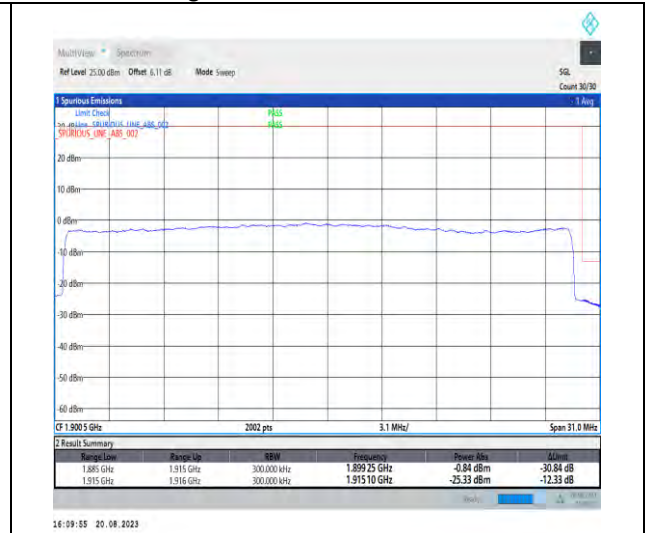
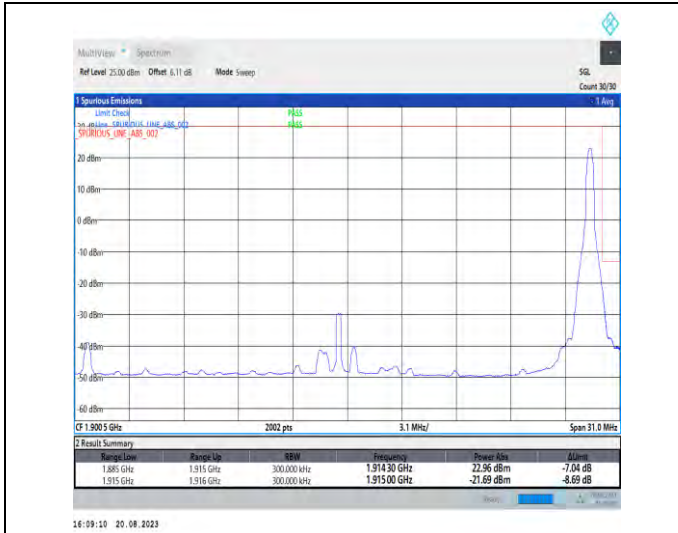
1-N25-PC3-15-30-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant3-1-seegrph-PASS-see graph

1-N25-PC3-15-30-L-6-CP-QPSK-Outer_Full-160@0-Ant3-1-seegrph-PASS-see graph



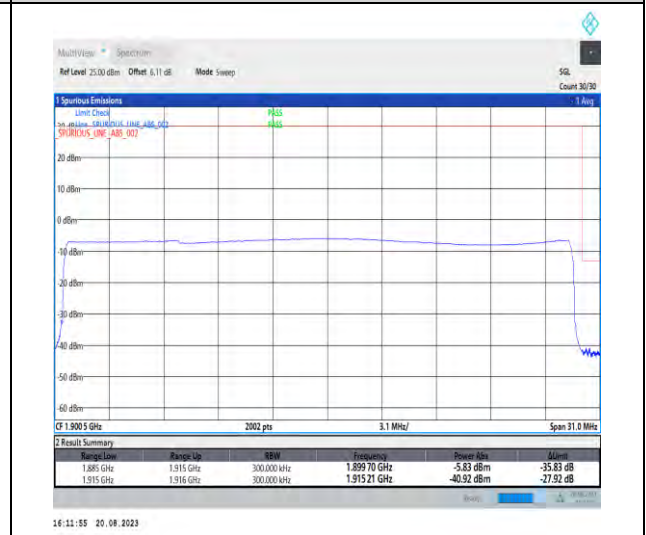
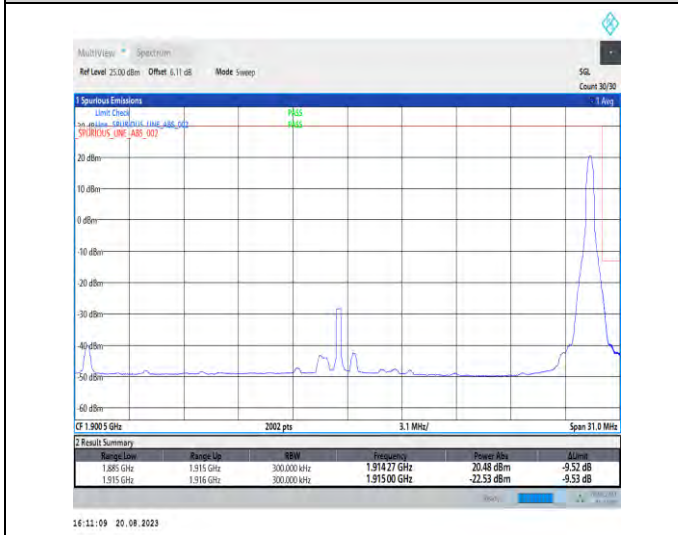
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1-N25-PC3-15-30-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@159-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-30-H-3-DFT-PI2BPSK-Outer_Full-160@0-Ant3-1-seegraph-PASS-see graph



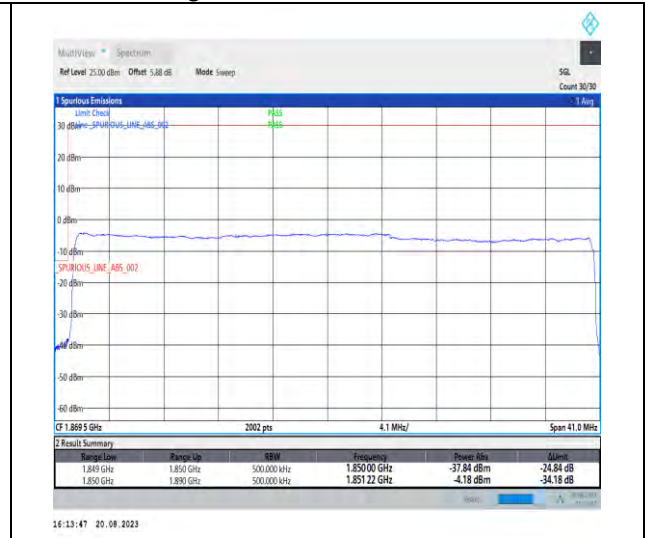
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1-N25-PC3-15-30-H-6-CP-QPSK-Outer_Full-160@0-Ant3-1-seegraph-PASS-see graph



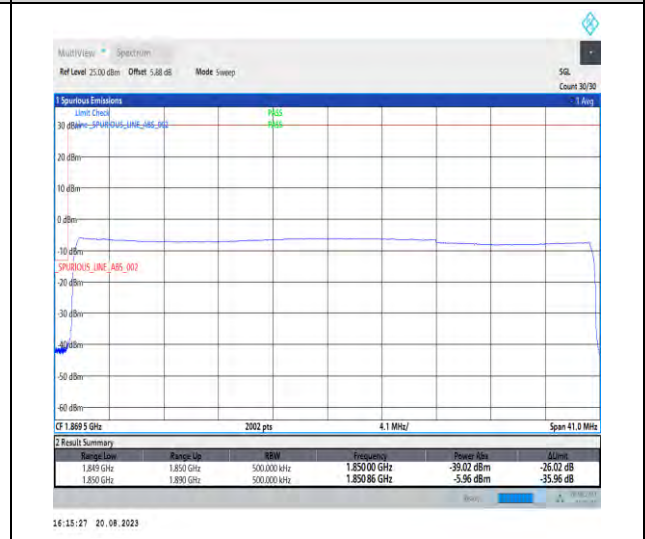
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1-N25-PC3-15-40-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-40-L-3-DFT-PI2BPSK-Outer_Full-216@0-Ant3-1-seegraph-PASS-see graph



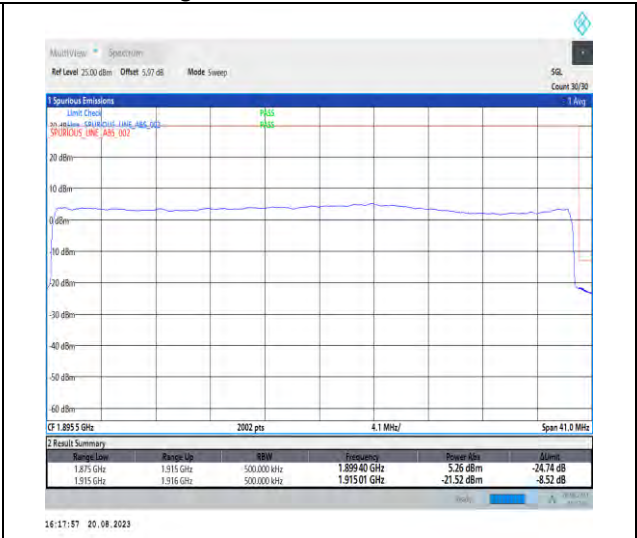
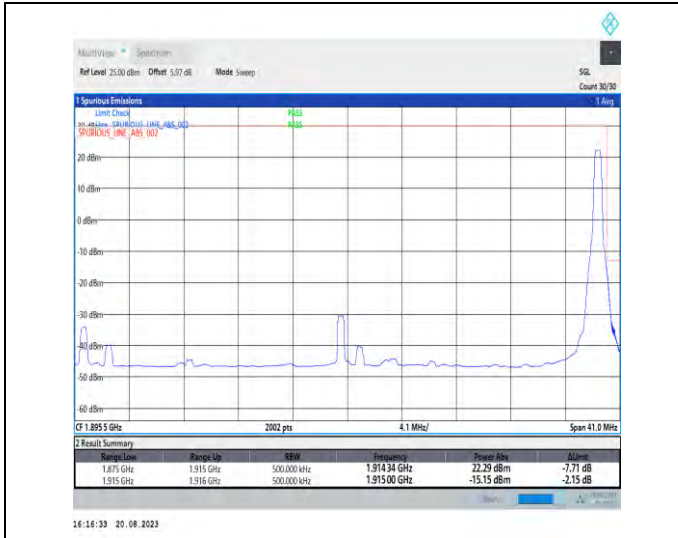
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1-N25-PC3-15-40-L-6-CP-QPSK-Outer_Full-216@0-Ant3-1-seegraph-PASS-see graph



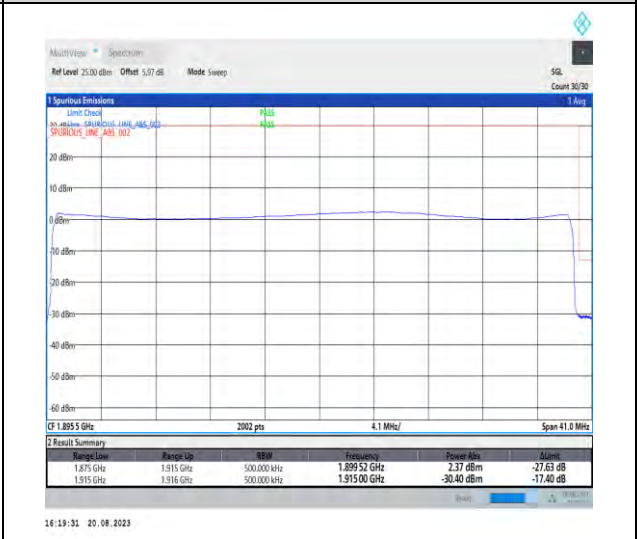
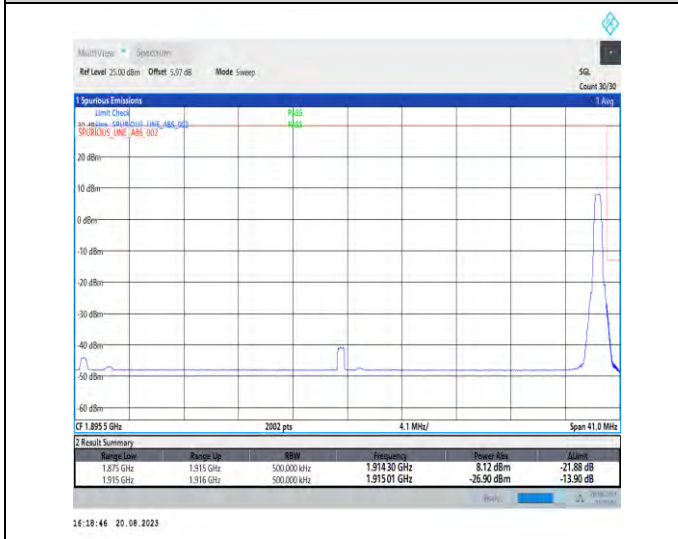
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1-N25-PC3-15-40-H-2-DFT-PI2BPSK-Edge_1RB_Right-t-1@215-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-40-H-3-DFT-PI2BPSK-Outer_Full-216@0-Ant3-1-seegraph-PASS-see graph



1-N25-PC3-15-40-H-5-CP-QPSK-Edge_1RB_Right-1@215-Ant3-1-seegraph-PASS-see graph

1-N25-PC3-15-40-H-6-CP-QPSK-Outer_Full-216@0-Ant3-1-seegraph-PASS-see graph



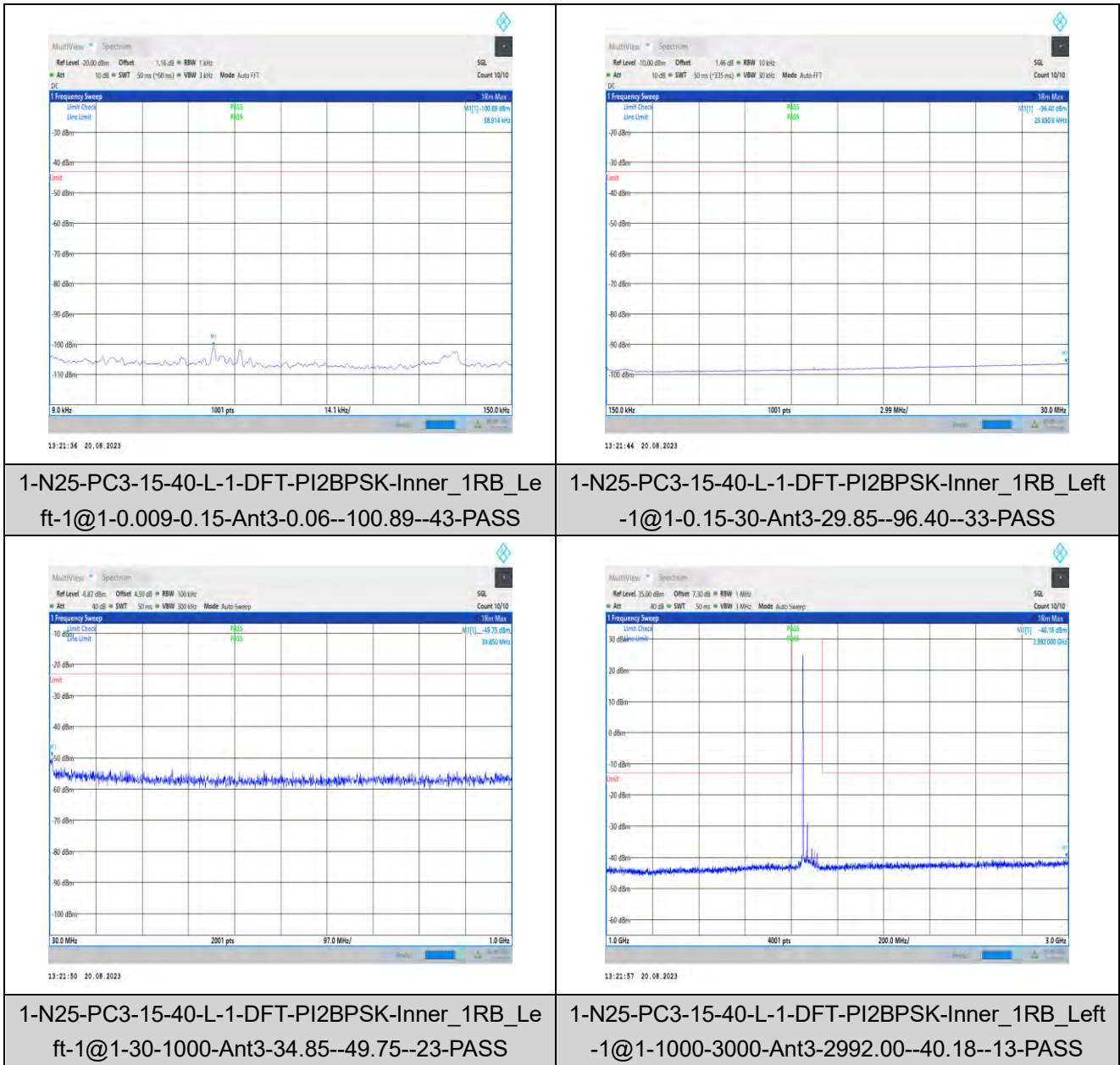
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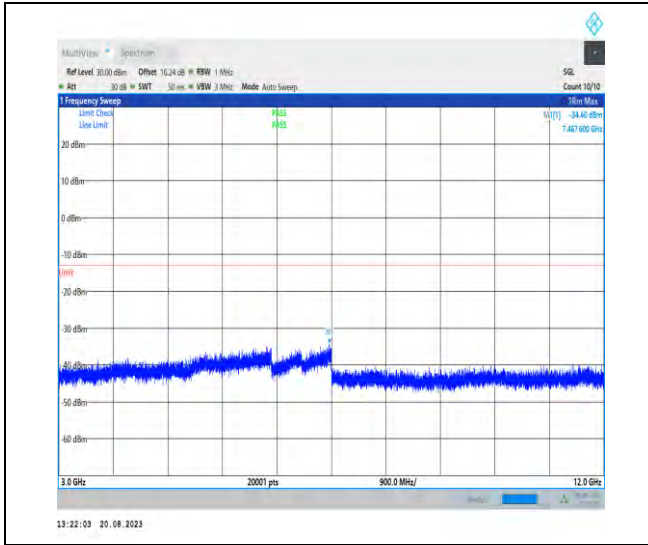
Conducted Spurious Emission for SA

Test Graphs

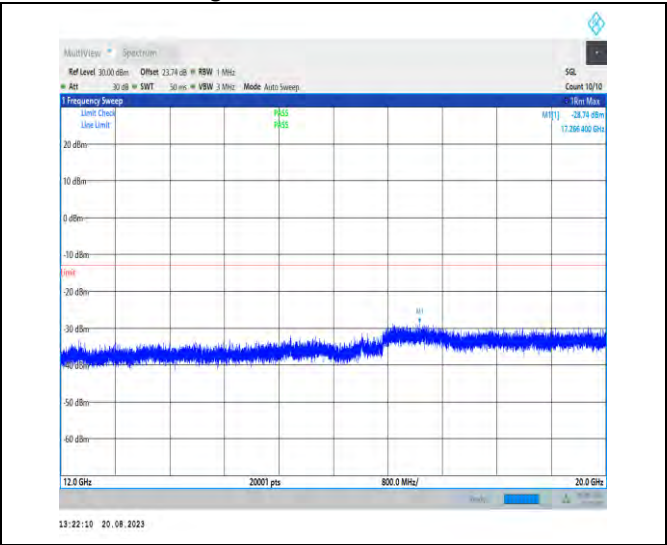


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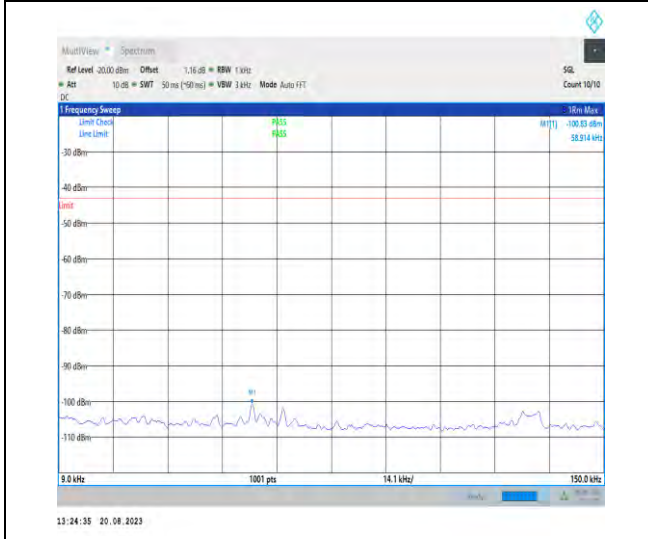
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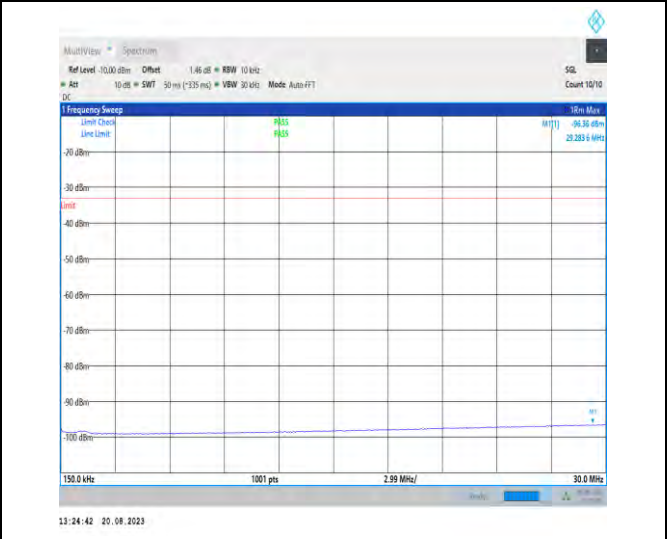
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1-N25-PC3-15-40-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant3-17266.40--28.74--13-PASS



1-N25-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant3-0.06--100.83--43-PASS

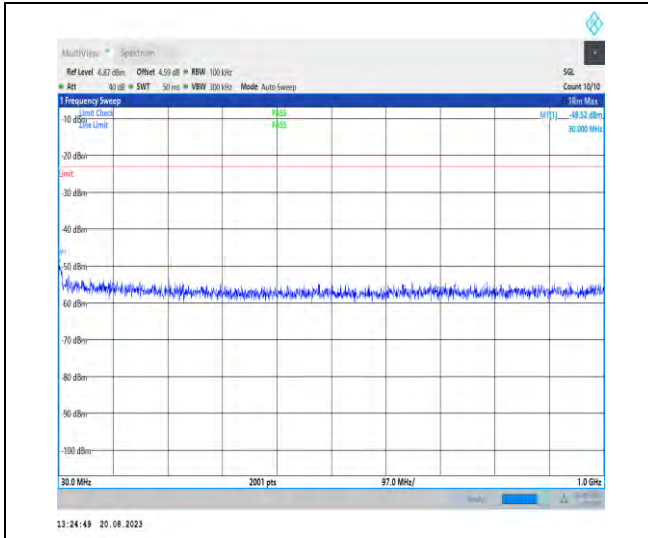


1-N25-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant3-29.28--96.36--33-PASS

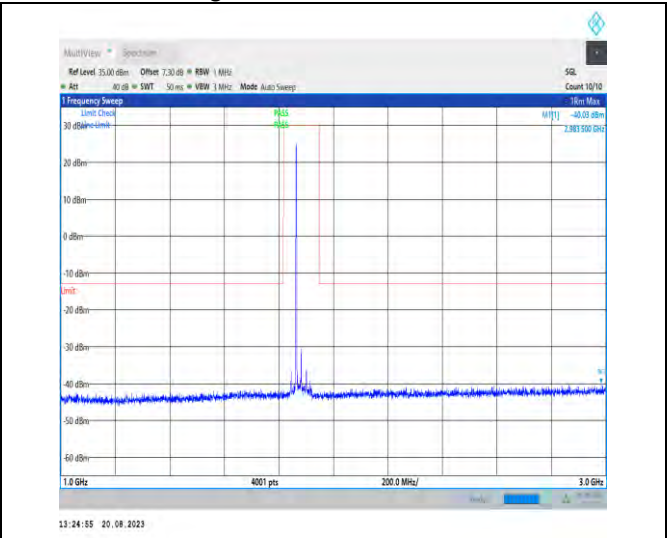


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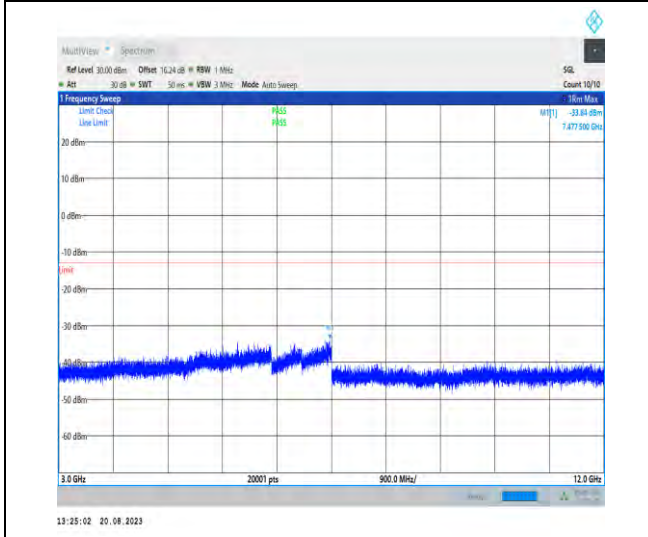
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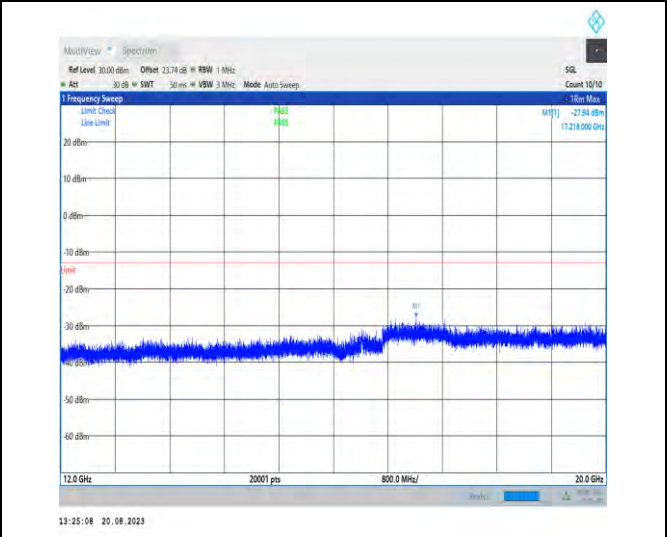
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1-N25-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_L ef t-1@1-1000-3000-Ant3-2983.50--40.03--13-PASS



1-N25-PC3-15-40-M-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-3000-12000-Ant3-7477.50--33.84--13-PAS S

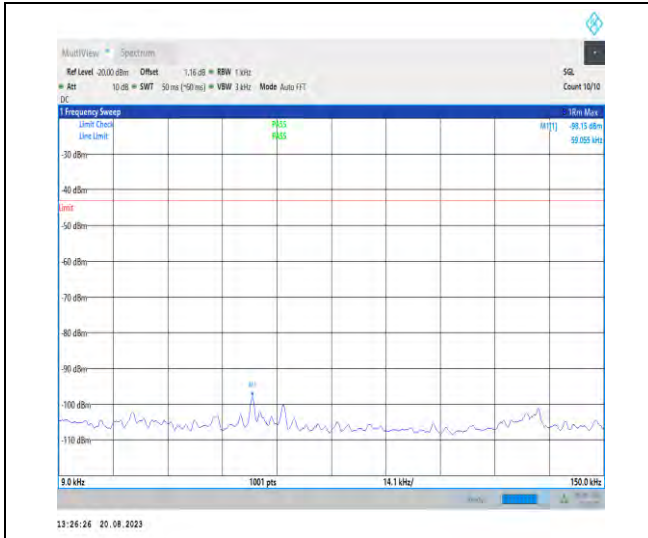


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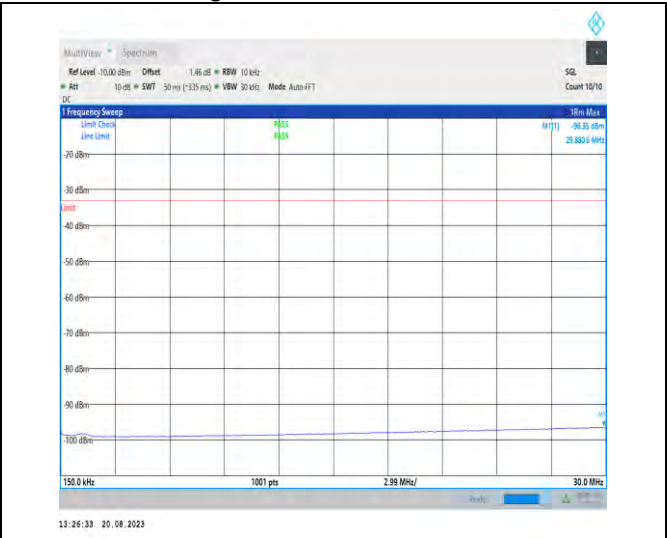


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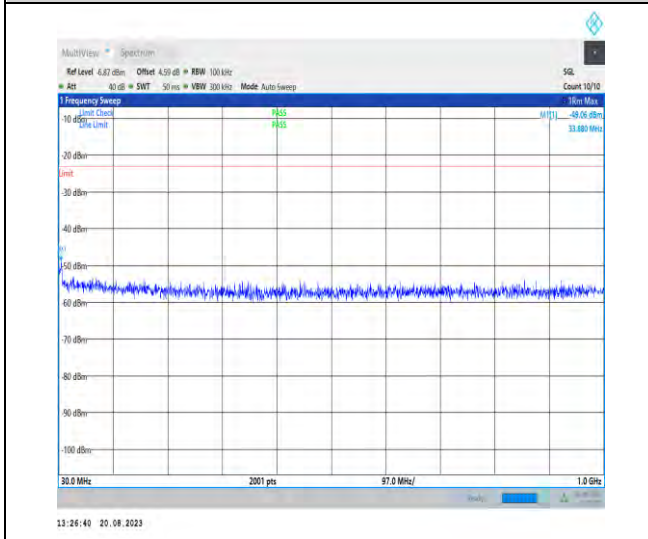
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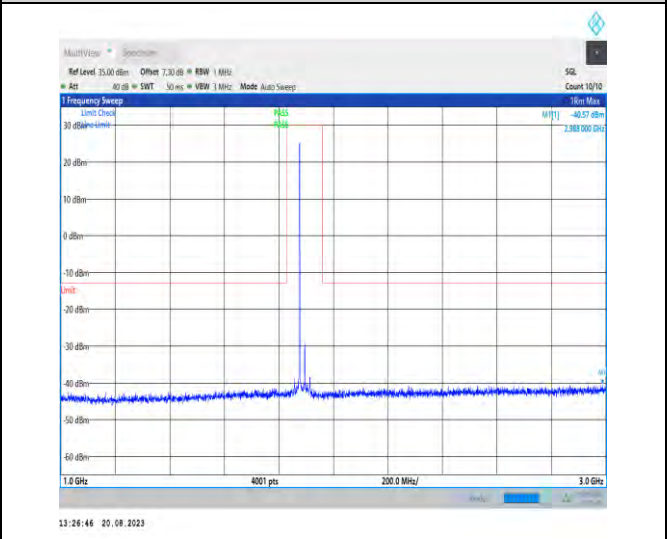
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1-N25-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L ef t-1@1-0.15-30-Ant3-29.88--96.35--33-PASS



1-N25-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-30-1000-Ant3-33.88--49.06--23-PASS

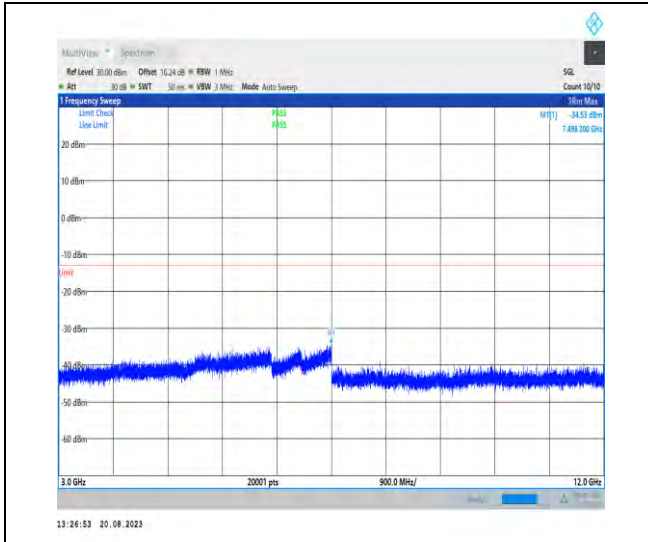


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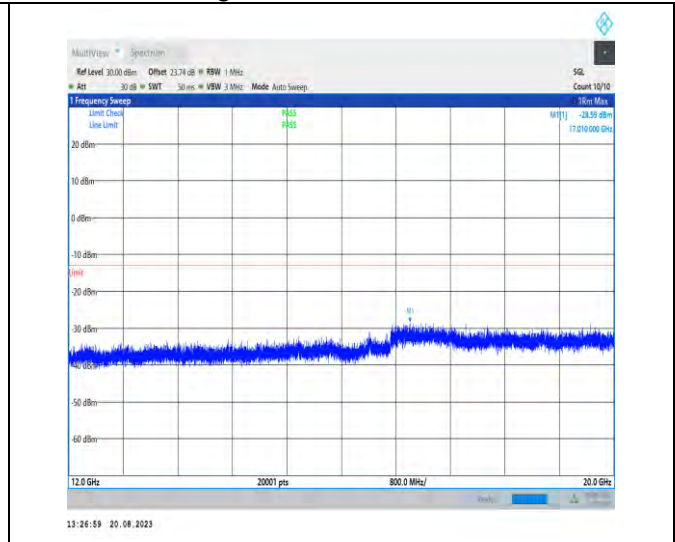


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1-N25-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant3-7498.20--34.53--13-PAS
S



1-N25-PC3-15-40-H-1-DFT-PI2BPSK-Inner_1RB_Lef
t-1@1-12000-20000-Ant3-17010.00--28.59--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band25_40MHz_TM1

Test Channel = Low

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3702.1800 | 39.96 | -45.51 | 28.80 | -72.01 | -13.00 | 59.01 | Horizontal |
| 2 | 5553.2700 | 39.57 | -45.15 | 32.61 | -68.23 | -13.00 | 55.23 | Horizontal |
| 3 | 7404.3600 | 38.31 | -43.40 | 36.33 | -64.01 | -13.00 | 51.01 | Horizontal |
| 4 | 9255.4500 | 33.64 | -40.23 | 36.79 | -65.07 | -13.00 | 52.07 | Horizontal |
| 5 | 11106.5400 | 30.11 | -37.93 | 38.71 | -64.37 | -13.00 | 51.37 | Horizontal |
| 6 | 12957.6300 | 28.00 | -37.24 | 39.09 | -65.41 | -13.00 | 52.41 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3702.1800 | 40.45 | -45.51 | 28.80 | -71.52 | -13.00 | 58.52 | Vertical |
| 2 | 5553.2700 | 39.29 | -45.15 | 32.61 | -68.51 | -13.00 | 55.51 | Vertical |
| 3 | 7404.3600 | 38.89 | -43.40 | 36.33 | -63.43 | -13.00 | 50.43 | Vertical |
| 4 | 9255.4500 | 33.92 | -40.23 | 36.79 | -64.79 | -13.00 | 51.79 | Vertical |
| 5 | 11106.5400 | 29.73 | -37.93 | 38.71 | -64.75 | -13.00 | 51.75 | Vertical |
| 6 | 12957.6300 | 27.45 | -37.24 | 39.09 | -65.96 | -13.00 | 52.96 | Vertical |



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Test Band = SA Band25_40MHz_TM1

Test Channel = Mid

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3742.1800 | 40.89 | -45.68 | 28.84 | -71.21 | -13.00 | 58.21 | Horizontal |
| 2 | 5613.2700 | 39.30 | -45.04 | 32.62 | -68.38 | -13.00 | 55.38 | Horizontal |
| 3 | 7484.3600 | 37.91 | -43.18 | 36.56 | -63.97 | -13.00 | 50.97 | Horizontal |
| 4 | 9355.4500 | 33.28 | -40.00 | 36.98 | -65.01 | -13.00 | 52.01 | Horizontal |
| 5 | 11226.5400 | 30.46 | -37.40 | 38.72 | -63.48 | -13.00 | 50.48 | Horizontal |
| 6 | 13097.6300 | 27.48 | -37.01 | 39.28 | -65.51 | -13.00 | 52.51 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3742.1800 | 40.34 | -45.68 | 28.84 | -71.76 | -13.00 | 58.76 | Vertical |
| 2 | 5613.2700 | 39.62 | -45.04 | 32.62 | -68.06 | -13.00 | 55.06 | Vertical |
| 3 | 7484.3600 | 37.70 | -43.18 | 36.56 | -64.18 | -13.00 | 51.18 | Vertical |
| 4 | 9355.4500 | 33.53 | -40.00 | 36.98 | -64.76 | -13.00 | 51.76 | Vertical |
| 5 | 11226.5400 | 30.71 | -37.40 | 38.72 | -63.23 | -13.00 | 50.23 | Vertical |
| 6 | 13097.6300 | 27.22 | -37.01 | 39.28 | -65.77 | -13.00 | 52.77 | Vertical |



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Test Band = SA Band25_40MHz_TM1

Test Channel = High

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3792.1800 | 42.03 | -45.89 | 28.89 | -70.23 | -13.00 | 57.23 | Horizontal |
| 2 | 5688.2700 | 39.15 | -44.87 | 32.64 | -68.35 | -13.00 | 55.35 | Horizontal |
| 3 | 7584.3600 | 37.62 | -42.96 | 36.63 | -63.97 | -13.00 | 50.97 | Horizontal |
| 4 | 9480.4500 | 34.35 | -40.15 | 37.21 | -63.85 | -13.00 | 50.85 | Horizontal |
| 5 | 11376.5400 | 30.00 | -37.38 | 38.74 | -63.90 | -13.00 | 50.90 | Horizontal |
| 6 | 13272.6300 | 26.67 | -36.97 | 39.59 | -65.97 | -13.00 | 52.97 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3792.1800 | 40.76 | -45.89 | 28.89 | -71.50 | -13.00 | 58.50 | Vertical |
| 2 | 5688.2700 | 39.82 | -44.87 | 32.64 | -67.68 | -13.00 | 54.68 | Vertical |
| 3 | 7584.3600 | 37.74 | -42.96 | 36.63 | -63.85 | -13.00 | 50.85 | Vertical |
| 4 | 9480.4500 | 33.84 | -40.15 | 37.21 | -64.36 | -13.00 | 51.36 | Vertical |
| 5 | 11376.5400 | 29.59 | -37.38 | 38.74 | -64.31 | -13.00 | 51.31 | Vertical |
| 6 | 13272.6300 | 26.68 | -36.97 | 39.59 | -65.96 | -13.00 | 52.96 | Vertical |



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Test Band = NSA 66A-N25A_ TM1

Test Channel = Low

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3704.1800 | 39.66 | -45.52 | 28.80 | -72.31 | -13.00 | 59.31 | Horizontal |
| 2 | 5556.2700 | 38.76 | -45.14 | 32.61 | -69.03 | -13.00 | 56.03 | Horizontal |
| 3 | 7408.3600 | 36.94 | -43.39 | 36.34 | -65.36 | -13.00 | 52.36 | Horizontal |
| 4 | 9260.4500 | 31.18 | -40.23 | 36.80 | -67.52 | -13.00 | 54.52 | Horizontal |
| 5 | 11112.5400 | 25.70 | -37.90 | 38.71 | -68.74 | -13.00 | 55.74 | Horizontal |
| 6 | 12964.6300 | 24.69 | -37.25 | 39.09 | -68.73 | -13.00 | 55.73 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3704.1800 | 40.02 | -45.52 | 28.80 | -71.95 | -13.00 | 58.95 | Vertical |
| 2 | 5556.2700 | 39.66 | -45.14 | 32.61 | -68.13 | -13.00 | 55.13 | Vertical |
| 3 | 7408.3600 | 37.21 | -43.39 | 36.34 | -65.09 | -13.00 | 52.09 | Vertical |
| 4 | 9260.4500 | 31.34 | -40.23 | 36.80 | -67.36 | -13.00 | 54.36 | Vertical |
| 5 | 11112.5400 | 25.69 | -37.90 | 38.71 | -68.75 | -13.00 | 55.75 | Vertical |
| 6 | 12964.6300 | 25.05 | -37.25 | 39.09 | -68.37 | -13.00 | 55.37 | Vertical |



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Test Band = NSA 66A-N25A_ TM1

Test Channel = Mid

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3729.1800 | 39.99 | -45.62 | 28.83 | -72.07 | -13.00 | 59.07 | Horizontal |
| 2 | 5593.7700 | 39.09 | -45.08 | 32.62 | -68.63 | -13.00 | 55.63 | Horizontal |
| 3 | 7458.3600 | 36.01 | -43.25 | 36.48 | -66.02 | -13.00 | 53.02 | Horizontal |
| 4 | 9322.9500 | 32.06 | -40.13 | 36.91 | -66.42 | -13.00 | 53.42 | Horizontal |
| 5 | 11187.5400 | 27.05 | -37.46 | 38.72 | -66.95 | -13.00 | 53.95 | Horizontal |
| 6 | 13052.1300 | 23.96 | -37.16 | 39.19 | -69.26 | -13.00 | 56.26 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3729.1800 | 39.59 | -45.62 | 28.83 | -72.47 | -13.00 | 59.47 | Vertical |
| 2 | 5593.7700 | 39.15 | -45.08 | 32.62 | -68.57 | -13.00 | 55.57 | Vertical |
| 3 | 7458.3600 | 36.77 | -43.25 | 36.48 | -65.26 | -13.00 | 52.26 | Vertical |
| 4 | 9322.9500 | 32.09 | -40.13 | 36.91 | -66.39 | -13.00 | 53.39 | Vertical |
| 5 | 11187.5400 | 27.50 | -37.46 | 38.72 | -66.50 | -13.00 | 53.50 | Vertical |
| 6 | 13052.1300 | 24.31 | -37.16 | 39.19 | -68.91 | -13.00 | 55.91 | Vertical |



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Test Band = NSA 66A-N25A_ TM1
 Test Channel = High

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3754.1800 | 39.54 | -45.73 | 28.85 | -72.59 | -13.00 | 59.59 | Horizontal |
| 2 | 5631.2700 | 38.85 | -45.00 | 32.63 | -68.78 | -13.00 | 55.78 | Horizontal |
| 3 | 7508.3600 | 36.20 | -43.12 | 36.60 | -65.58 | -13.00 | 52.58 | Horizontal |
| 4 | 9385.4500 | 31.62 | -39.89 | 37.03 | -66.49 | -13.00 | 53.49 | Horizontal |
| 5 | 11262.5400 | 27.84 | -37.41 | 38.73 | -66.10 | -13.00 | 53.10 | Horizontal |
| 6 | 13139.6300 | 23.86 | -37.08 | 39.35 | -69.13 | -13.00 | 56.13 | Horizontal |

| Final Data List | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1 | 3754.1800 | 40.49 | -45.73 | 28.85 | -71.64 | -13.00 | 58.64 | Vertical |
| 2 | 5631.2700 | 38.16 | -45.00 | 32.63 | -69.47 | -13.00 | 56.47 | Vertical |
| 3 | 7508.3600 | 36.24 | -43.12 | 36.60 | -65.54 | -13.00 | 52.54 | Vertical |
| 4 | 9385.4500 | 32.44 | -39.89 | 37.03 | -65.67 | -13.00 | 52.67 | Vertical |
| 5 | 11262.5400 | 27.79 | -37.41 | 38.73 | -66.15 | -13.00 | 53.15 | Vertical |
| 6 | 13139.6300 | 24.72 | -37.08 | 39.35 | -68.27 | -13.00 | 55.27 | 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 | Band width | Modulation | Channel | RB Config | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | VH | NT | 0.000000 | 0.000000 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | VN | NT | -5.400000 | -0.002869 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | VL | NT | -0.600000 | -0.000319 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | VH | NT | -5.600000 | -0.002975 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | VN | NT | -0.100000 | -0.000053 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | VL | NT | 3.100000 | 0.001647 | PASS |



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Frequency Error VS. Temperature

| Temperature | | | | | | | | | | |
|-------------|-----|------------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| Band | SCS | Band width | Modulation | Channel | RB Config | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | -30 | -2.800000 | -0.001487 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | -20 | 1.600000 | 0.000850 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | -10 | -4.800000 | -0.002550 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 0 | -5.600000 | -0.002975 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 10 | -3.900000 | -0.002072 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 20 | -3.700000 | -0.001965 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 30 | 2.900000 | 0.001541 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 40 | -1.900000 | -0.001009 | PASS |
| N25 | 15 | 40 | DFT-PI2BPSK | M | Outer_Full | NV | 50 | -2.700000 | -0.001434 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | -30 | -3.100000 | -0.001647 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | -20 | 1.900000 | 0.001009 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | -10 | -2.300000 | -0.002136 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 0 | -2.100000 | -0.001468 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 10 | -1.100000 | -0.000584 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 20 | -2.600000 | -0.002371 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 30 | -0.900000 | -0.000478 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 40 | -4.200000 | -0.002231 | PASS |
| N25 | 15 | 40 | CP-QPSK | M | Outer_Full | NV | 50 | -4.300000 | -0.002385 | PASS |

---End of Attachment---



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