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Appendix B.32

NR Band n25



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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 |
|------|-----|-----------|-------------|---------|-----------------|-------------|------------|-------|---------|
| N25 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.07 | 23.8 | 33 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.15 | 23.88 | 33 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 22.85 | 23.58 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | L | Inner_1RB_Left | 23.02 | 23.75 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | L | Inner_1RB_Right | 23.06 | 23.79 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | L | Outer_Full | 22.27 | 23 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | L | Inner_1RB_Left | 21.95 | 22.68 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | L | Inner_1RB_Right | 21.94 | 22.67 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | L | Outer_Full | 21.2 | 21.93 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | L | Inner_1RB_Left | 20.41 | 21.14 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | L | Inner_1RB_Right | 20.49 | 21.22 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | L | Outer_Full | 20.73 | 21.46 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | L | Inner_1RB_Left | 18.86 | 19.59 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | L | Inner_1RB_Right | 18.86 | 19.59 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | L | Outer_Full | 18.71 | 19.44 | 33 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.28 | 24.01 | 33 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.3 | 24.03 | 33 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 22.92 | 23.65 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | M | Inner_1RB_Left | 23.22 | 23.95 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | M | Inner_1RB_Right | 23.26 | 23.99 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | M | Outer_Full | 22.42 | 23.15 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | M | Inner_1RB_Left | 22.16 | 22.89 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | M | Inner_1RB_Right | 22.22 | 22.95 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | M | Outer_Full | 21.36 | 22.09 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | M | Inner_1RB_Left | 20.68 | 21.41 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | M | Inner_1RB_Right | 20.68 | 21.41 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | M | Outer_Full | 20.86 | 21.59 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Left | 19.12 | 19.85 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | M | Inner_1RB_Right | 19.1 | 19.83 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | M | Outer_Full | 18.83 | 19.56 | 33 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.01 | 23.74 | 33 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Right | 22.89 | 23.62 | 33 | PASS |



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| | | | | | | | | | |
|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N25 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 22.78 | 23.51 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | H | Inner_1RB_Left | 23.14 | 23.87 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | H | Inner_1RB_Right | 23.1 | 23.83 | 33 | PASS |
| N25 | 15 | 5 | DFT-QPSK | H | Outer_Full | 22.31 | 23.04 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | H | Inner_1RB_Left | 22.04 | 22.77 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | H | Inner_1RB_Right | 21.97 | 22.7 | 33 | PASS |
| N25 | 15 | 5 | DFT-16QAM | H | Outer_Full | 21.25 | 21.98 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | H | Inner_1RB_Left | 20.57 | 21.3 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | H | Inner_1RB_Right | 20.67 | 21.4 | 33 | PASS |
| N25 | 15 | 5 | DFT-64QAM | H | Outer_Full | 20.68 | 21.41 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | H | Inner_1RB_Left | 18.82 | 19.55 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | H | Inner_1RB_Right | 18.98 | 19.71 | 33 | PASS |
| N25 | 15 | 5 | DFT-256QAM | H | Outer_Full | 18.68 | 19.41 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.09 | 23.82 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.11 | 23.84 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 22.71 | 23.44 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | L | Inner_1RB_Left | 22.97 | 23.7 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | L | Inner_1RB_Right | 23.11 | 23.84 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | L | Outer_Full | 22.23 | 22.96 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | L | Inner_1RB_Left | 21.89 | 22.62 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | L | Inner_1RB_Right | 21.95 | 22.68 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | L | Outer_Full | 21.23 | 21.96 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | L | Inner_1RB_Left | 20.51 | 21.24 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | L | Inner_1RB_Right | 20.53 | 21.26 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | L | Outer_Full | 20.72 | 21.45 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Left | 18.87 | 19.6 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | L | Inner_1RB_Right | 18.87 | 19.6 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | L | Outer_Full | 18.71 | 19.44 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.29 | 24.02 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.27 | 24 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 22.95 | 23.68 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | M | Inner_1RB_Left | 23.2 | 23.93 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | M | Inner_1RB_Right | 23.17 | 23.9 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | M | Outer_Full | 22.69 | 23.42 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | M | Inner_1RB_Left | 22.58 | 23.31 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | M | Inner_1RB_Right | 22.65 | 23.38 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | M | Outer_Full | 22.45 | 23.18 | 33 | PASS |



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|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N25 | 15 | 10 | DFT-64QAM | M | Inner_1RB_Left | 21.36 | 22.09 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | M | Inner_1RB_Right | 21.52 | 22.25 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | M | Outer_Full | 20.36 | 21.09 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Left | 19.89 | 20.62 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | M | Inner_1RB_Right | 19.63 | 20.36 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | M | Outer_Full | 19.25 | 19.98 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.07 | 23.8 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 22.92 | 23.65 | 33 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 22.71 | 23.44 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | H | Inner_1RB_Left | 22.99 | 23.72 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | H | Inner_1RB_Right | 23.13 | 23.86 | 33 | PASS |
| N25 | 15 | 10 | DFT-QPSK | H | Outer_Full | 22.27 | 23 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | H | Inner_1RB_Left | 21.99 | 22.72 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | H | Inner_1RB_Right | 22.08 | 22.81 | 33 | PASS |
| N25 | 15 | 10 | DFT-16QAM | H | Outer_Full | 21.18 | 21.91 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | H | Inner_1RB_Left | 20.49 | 21.22 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | H | Inner_1RB_Right | 20.63 | 21.36 | 33 | PASS |
| N25 | 15 | 10 | DFT-64QAM | H | Outer_Full | 20.67 | 21.4 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Left | 18.88 | 19.61 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | H | Inner_1RB_Right | 18.93 | 19.66 | 33 | PASS |
| N25 | 15 | 10 | DFT-256QAM | H | Outer_Full | 18.66 | 19.39 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.07 | 23.8 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.06 | 23.79 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 22.76 | 23.49 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | L | Inner_1RB_Left | 23 | 23.73 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | L | Inner_1RB_Right | 23.12 | 23.85 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | L | Outer_Full | 22.3 | 23.03 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | L | Inner_1RB_Left | 21.92 | 22.65 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | L | Inner_1RB_Right | 21.99 | 22.72 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | L | Outer_Full | 21.22 | 21.95 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | L | Inner_1RB_Left | 20.44 | 21.17 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | L | Inner_1RB_Right | 20.59 | 21.32 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | L | Outer_Full | 20.76 | 21.49 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | L | Inner_1RB_Left | 18.91 | 19.64 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | L | Inner_1RB_Right | 18.93 | 19.66 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | L | Outer_Full | 18.53 | 19.26 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.3 | 24.03 | 33 | PASS |



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|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N25 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.23 | 23.96 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 23.02 | 23.75 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | M | Inner_1RB_Left | 23.21 | 23.94 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | M | Inner_1RB_Right | 23.09 | 23.82 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | M | Outer_Full | 23.12 | 23.85 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | M | Inner_1RB_Left | 22.63 | 23.36 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | M | Inner_1RB_Right | 22.45 | 23.18 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | M | Outer_Full | 22.36 | 23.09 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | M | Inner_1RB_Left | 22.52 | 23.25 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | M | Inner_1RB_Right | 21.45 | 22.18 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | M | Outer_Full | 21.36 | 22.09 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | M | Inner_1RB_Left | 21.52 | 22.25 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | M | Inner_1RB_Right | 19.52 | 20.25 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | M | Outer_Full | 19.23 | 19.96 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left | 18.85 | 19.58 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 22.92 | 23.65 | 33 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 22.74 | 23.47 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | H | Inner_1RB_Left | 23.09 | 23.82 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | H | Inner_1RB_Right | 23.09 | 23.82 | 33 | PASS |
| N25 | 15 | 15 | DFT-QPSK | H | Outer_Full | 22.23 | 22.96 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | H | Inner_1RB_Left | 22.01 | 22.74 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | H | Inner_1RB_Right | 22.03 | 22.76 | 33 | PASS |
| N25 | 15 | 15 | DFT-16QAM | H | Outer_Full | 21.23 | 21.96 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | H | Inner_1RB_Left | 20.49 | 21.22 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | H | Inner_1RB_Right | 20.66 | 21.39 | 33 | PASS |
| N25 | 15 | 15 | DFT-64QAM | H | Outer_Full | 20.75 | 21.48 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | H | Inner_1RB_Left | 18.96 | 19.69 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | H | Inner_1RB_Right | 18.98 | 19.71 | 33 | PASS |
| N25 | 15 | 15 | DFT-256QAM | H | Outer_Full | 18.75 | 19.48 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left | 23.17 | 23.9 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.26 | 23.99 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 22.85 | 23.58 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | L | Inner_1RB_Left | 23.02 | 23.75 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | L | Inner_1RB_Right | 23.16 | 23.89 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | L | Outer_Full | 23.25 | 23.98 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | L | Inner_1RB_Left | 22.45 | 23.18 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | L | Inner_1RB_Right | 22.36 | 23.09 | 33 | PASS |



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| | | | | | | | | | |
|-----|----|----|-------------|---|-----------------|-------|-------|----|------|
| N25 | 15 | 20 | DFT-16QAM | L | Outer_Full | 22.12 | 22.85 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | L | Inner_1RB_Left | 21.25 | 21.98 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | L | Inner_1RB_Right | 21.23 | 21.96 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | L | Outer_Full | 20.85 | 21.58 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | L | Inner_1RB_Left | 19.23 | 19.96 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | L | Inner_1RB_Right | 18.56 | 19.29 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | L | Outer_Full | 18.45 | 19.18 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left | 23.3 | 24.03 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.2 | 23.93 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 23.03 | 23.76 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | M | Inner_1RB_Left | 23.25 | 23.98 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | M | Inner_1RB_Right | 23.12 | 23.85 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | M | Outer_Full | 22.48 | 23.21 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | M | Inner_1RB_Left | 22.23 | 22.96 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | M | Inner_1RB_Right | 22.18 | 22.91 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | M | Outer_Full | 21.44 | 22.17 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | M | Inner_1RB_Left | 20.76 | 21.49 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | M | Inner_1RB_Right | 20.71 | 21.44 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | M | Outer_Full | 20.95 | 21.68 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | M | Inner_1RB_Left | 19.06 | 19.79 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | M | Inner_1RB_Right | 19.04 | 19.77 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | M | Outer_Full | 18.93 | 19.66 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left | 23.25 | 23.98 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 22.98 | 23.71 | 33 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 22.84 | 23.57 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | H | Inner_1RB_Left | 23.16 | 23.89 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | H | Inner_1RB_Right | 23.02 | 23.75 | 33 | PASS |
| N25 | 15 | 20 | DFT-QPSK | H | Outer_Full | 23.36 | 24.09 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | H | Inner_1RB_Left | 22.63 | 23.36 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | H | Inner_1RB_Right | 22.45 | 23.18 | 33 | PASS |
| N25 | 15 | 20 | DFT-16QAM | H | Outer_Full | 22.36 | 23.09 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | H | Inner_1RB_Left | 21.36 | 22.09 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | H | Inner_1RB_Right | 21.23 | 21.96 | 33 | PASS |
| N25 | 15 | 20 | DFT-64QAM | H | Outer_Full | 21.63 | 22.36 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | H | Inner_1RB_Left | 19.23 | 19.96 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | H | Inner_1RB_Right | 19.36 | 20.09 | 33 | PASS |
| N25 | 15 | 20 | DFT-256QAM | H | Outer_Full | 18.85 | 19.58 | 33 | PASS |



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Report No.: SEWA2303000029RG02

Rev.: 01

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Peak-to-Average Ratio for SA

Peak-to-Average Ratio(PAPR)

Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | DutyCycle | Factor | Result | Limit | Verdict |
|------|-----|-----------|------------|---------|------------|-----------|--------|--------|-------|---------|
| N25 | 15 | 20 | DFT-256QAM | L | Outer_Full | 100% | 0.00 | 9.62 | ≤13 | PASS |
| N25 | 15 | 20 | CP-256QAM | L | Outer_Full | 100% | 0.00 | 9.26 | ≤13 | PASS |
| N25 | 15 | 20 | DFT-256QAM | M | Outer_Full | 100% | 0.00 | 8.89 | ≤13 | PASS |
| N25 | 15 | 20 | CP-256QAM | M | Outer_Full | 100% | 0.00 | 9.71 | ≤13 | PASS |
| N25 | 15 | 20 | DFT-256QAM | H | Outer_Full | 100% | 0.00 | 8.78 | ≤13 | PASS |
| N25 | 15 | 20 | CP-256QAM | H | Outer_Full | 100% | 0.00 | 9.50 | ≤13 | PASS |



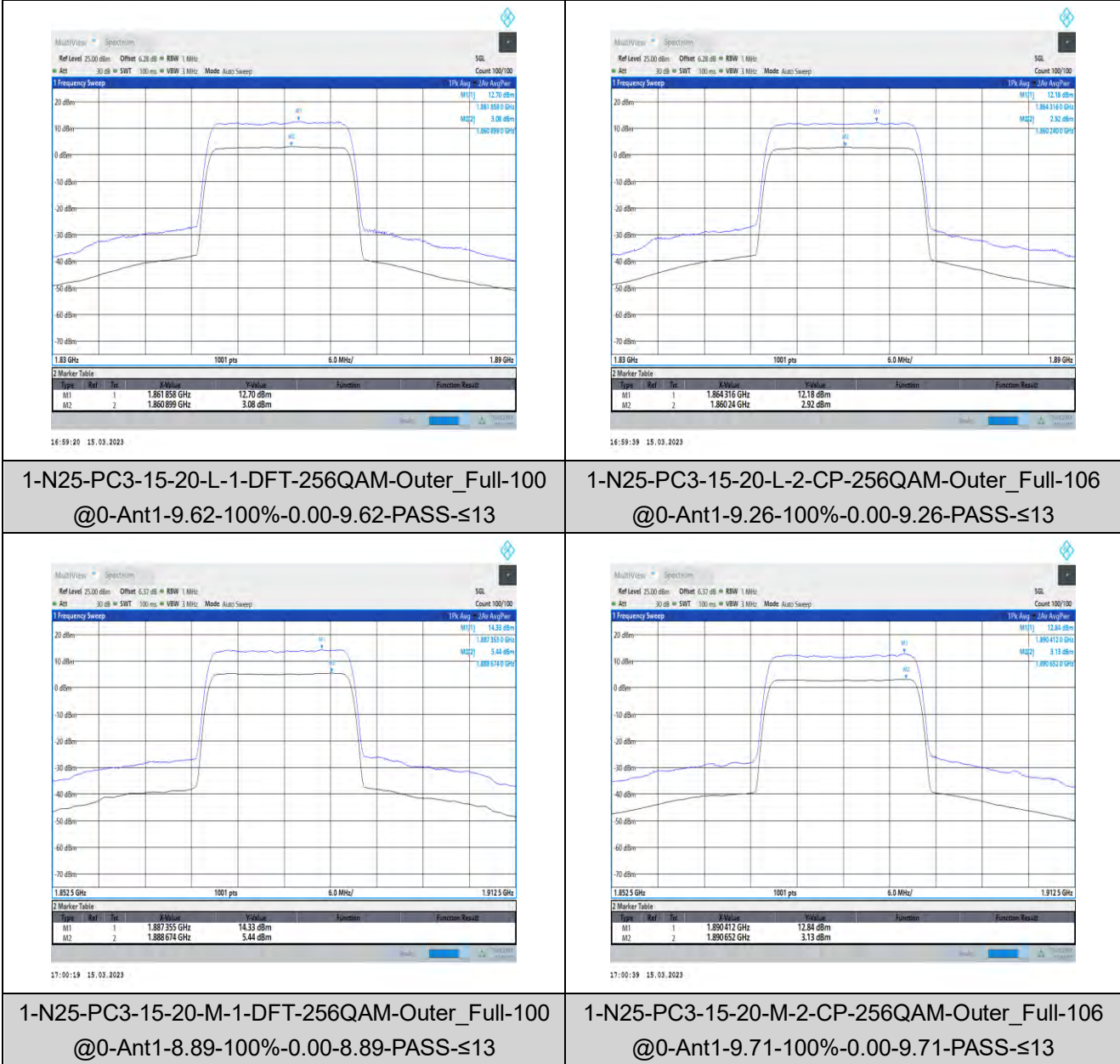
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Test Graphs



1-N25-PC3-15-20-L-1-DFT-256QAM-Outer_Full-100 @0-Ant1-9.62-100%-0.00-9.62-PASS-≤13

1-N25-PC3-15-20-L-2-CP-256QAM-Outer_Full-106 @0-Ant1-9.26-100%-0.00-9.26-PASS-≤13

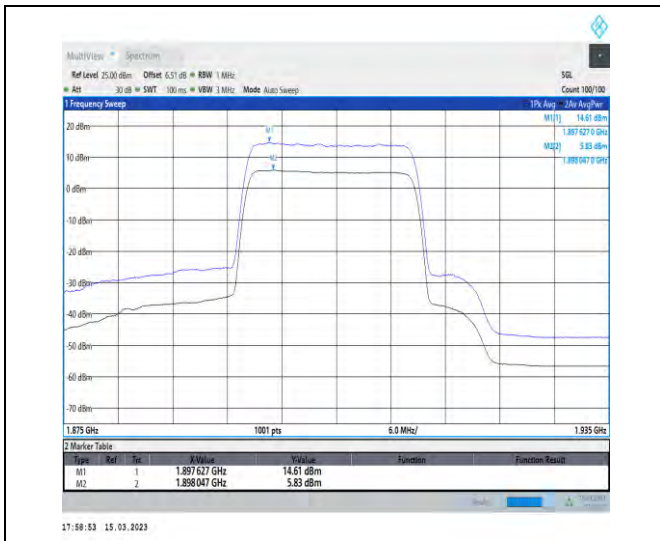
1-N25-PC3-15-20-M-1-DFT-256QAM-Outer_Full-100 @0-Ant1-8.89-100%-0.00-8.89-PASS-≤13

1-N25-PC3-15-20-M-2-CP-256QAM-Outer_Full-106 @0-Ant1-9.71-100%-0.00-9.71-PASS-≤13

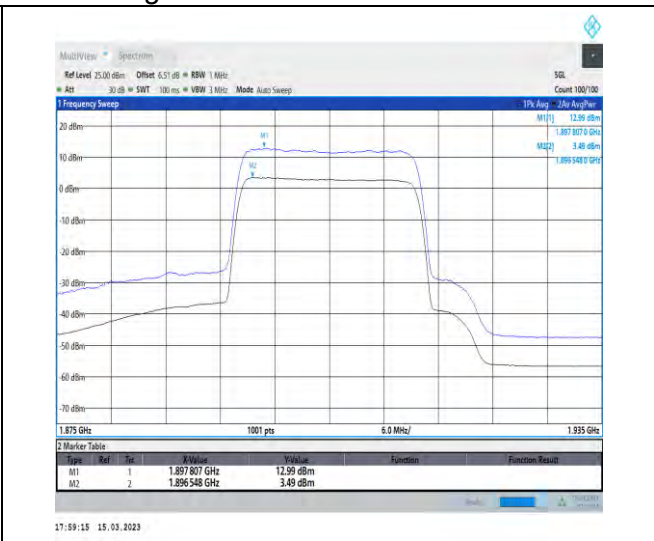


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1-N25-PC3-15-20-H-1-DFT-256QAM-Outer_Full-100
@0-Ant1-8.78-100%-0.00-8.78-PASS-≤13



1-N25-PC3-15-20-H-2-CP-256QAM-Outer_Full-106
@0-Ant1-9.50-100%-0.00-9.50-PASS-≤13



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Modulation characteristics for SA

Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Result | Verdict |
|------|-----|-----------|-------------|---------|------------|-----------|---------|
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | DFT-QPSK | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | DFT-16QAM | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | DFT-64QAM | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | DFT-256QAM | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | CP-16QAM | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | CP-64QAM | M | Outer_Full | see graph | PASS |
| N25 | 15 | 20 | CP-256QAM | M | Outer_Full | see graph | PASS |

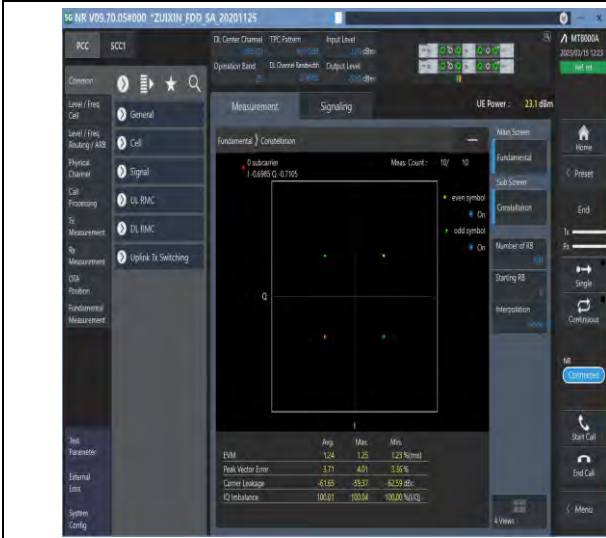


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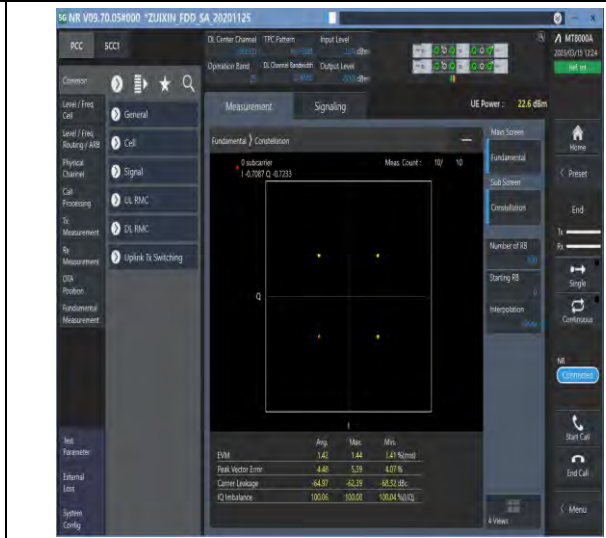
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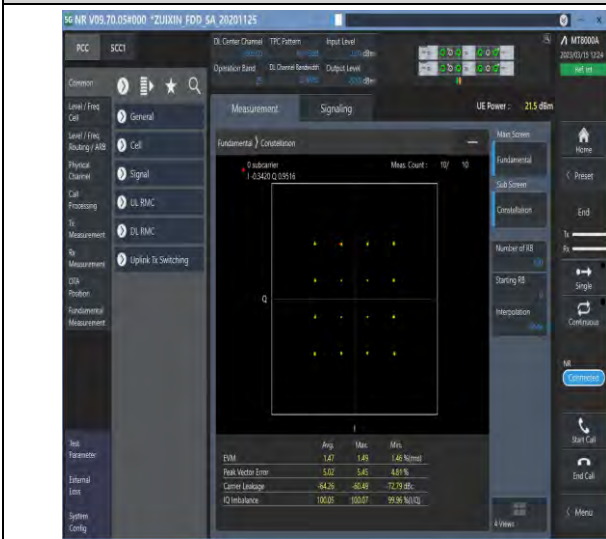
Test Graphs



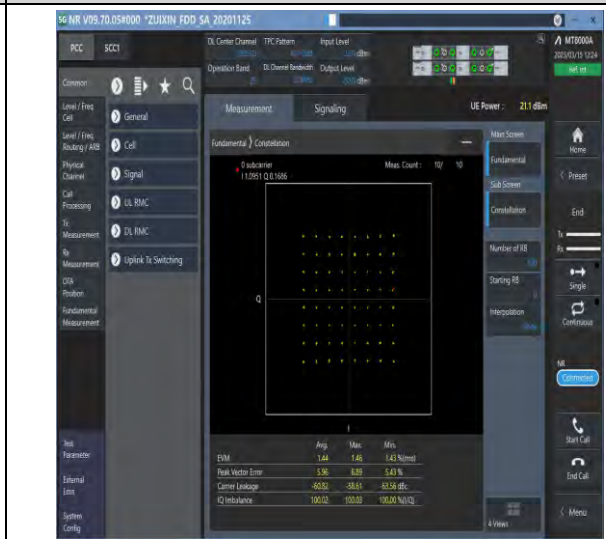
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@0-Ant1-see graph-PASS



1-N25-PC3-15-20-M-2-DFT-QPSK-Outer_Full-100
@0-Ant1-see graph-PASS



1-N25-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100
@0-Ant1-see graph-PASS

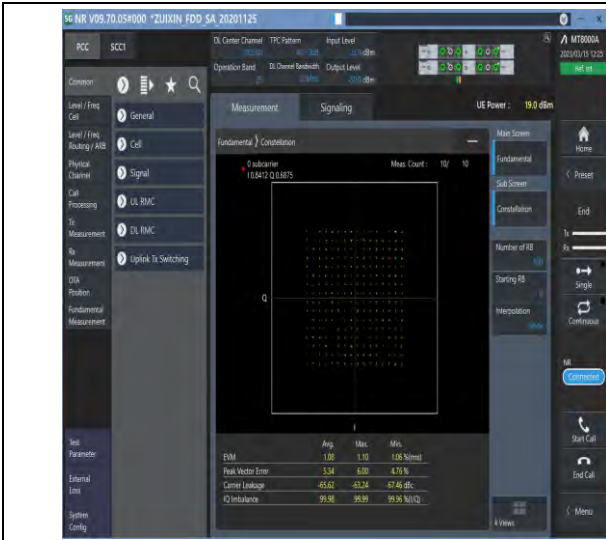


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@0-Ant1-see graph-PASS

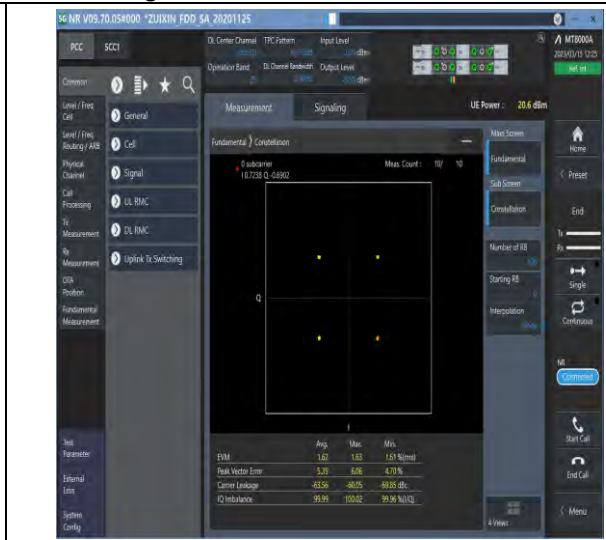


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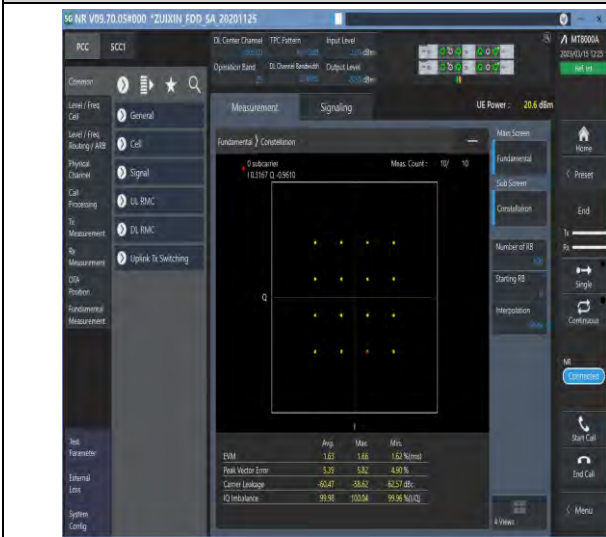
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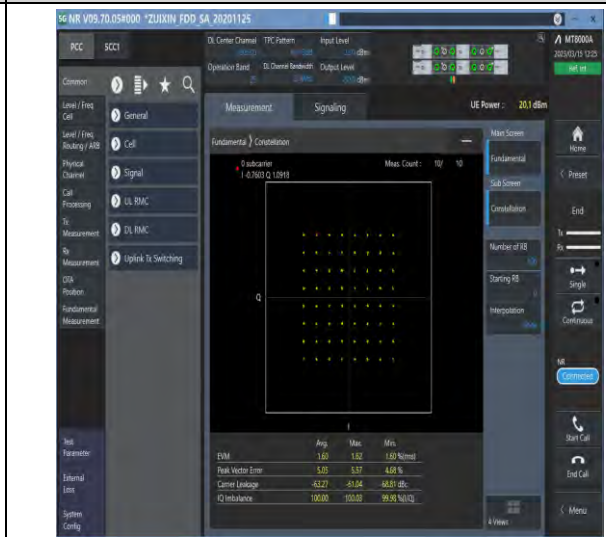
1-N25-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100 @0-Ant1-see graph-PASS



1-N25-PC3-15-20-M-6-CP-QPSK-Outer_Full-106 @0-Ant1-see graph-PASS



1-N25-PC3-15-20-M-7-CP-16QAM-Outer_Full-106 @0-Ant1-see graph-PASS



1-N25-PC3-15-20-M-8-CP-64QAM-Outer_Full-106 @0-Ant1-see graph-PASS



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| | |
|--|--|
| | |
| <p>1-N25-PC3-15-20-M-9-CP-256QAM-Outer_Full-106 @0-Ant1-see graph-PASS</p> | |



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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 | L | Outer_Full | 4.485 | 4.820 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | L | Outer_Full | 4.48 | 4.810 | PASS |
| N25 | 15 | 5 | DFT-16QAM | L | Outer_Full | 4.467 | 4.810 | PASS |
| N25 | 15 | 5 | DFT-64QAM | L | Outer_Full | 4.473 | 4.870 | PASS |
| N25 | 15 | 5 | DFT-256QAM | L | Outer_Full | 4.468 | 4.810 | PASS |
| N25 | 15 | 5 | CP-QPSK | L | Outer_Full | 4.473 | 5.450 | PASS |
| N25 | 15 | 5 | CP-16QAM | L | Outer_Full | 4.47 | 4.820 | PASS |
| N25 | 15 | 5 | CP-64QAM | L | Outer_Full | 4.476 | 4.770 | PASS |
| N25 | 15 | 5 | CP-256QAM | L | Outer_Full | 4.468 | 4.850 | PASS |
| N25 | 15 | 5 | DFT-QPSK | M | Outer_Full | 4.485 | 4.820 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full | 4.475 | 4.810 | PASS |
| N25 | 15 | 5 | DFT-16QAM | M | Outer_Full | 4.457 | 4.820 | PASS |
| N25 | 15 | 5 | DFT-64QAM | M | Outer_Full | 4.474 | 4.780 | PASS |
| N25 | 15 | 5 | DFT-256QAM | M | Outer_Full | 4.473 | 4.870 | PASS |
| N25 | 15 | 5 | CP-QPSK | M | Outer_Full | 4.467 | 5.540 | PASS |
| N25 | 15 | 5 | CP-16QAM | M | Outer_Full | 4.475 | 4.760 | PASS |
| N25 | 15 | 5 | CP-64QAM | M | Outer_Full | 4.486 | 4.810 | PASS |
| N25 | 15 | 5 | CP-256QAM | M | Outer_Full | 4.459 | 4.780 | PASS |
| N25 | 15 | 5 | DFT-QPSK | H | Outer_Full | 4.47 | 4.780 | PASS |
| N25 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full | 4.46 | 4.800 | PASS |
| N25 | 15 | 5 | DFT-16QAM | H | Outer_Full | 4.461 | 4.790 | PASS |
| N25 | 15 | 5 | DFT-64QAM | H | Outer_Full | 4.483 | 4.850 | PASS |
| N25 | 15 | 5 | DFT-256QAM | H | Outer_Full | 4.459 | 4.840 | PASS |
| N25 | 15 | 5 | CP-QPSK | H | Outer_Full | 4.461 | 4.860 | PASS |
| N25 | 15 | 5 | CP-16QAM | H | Outer_Full | 4.476 | 4.810 | PASS |
| N25 | 15 | 5 | CP-64QAM | H | Outer_Full | 4.484 | 4.790 | PASS |
| N25 | 15 | 5 | CP-256QAM | H | Outer_Full | 4.464 | 4.830 | PASS |
| N25 | 15 | 10 | DFT-QPSK | L | Outer_Full | 8.94 | 9.400 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full | 8.903 | 9.300 | PASS |
| N25 | 15 | 10 | DFT-16QAM | L | Outer_Full | 8.938 | 9.360 | PASS |
| N25 | 15 | 10 | DFT-64QAM | L | Outer_Full | 8.929 | 9.460 | PASS |
| N25 | 15 | 10 | DFT-256QAM | L | Outer_Full | 8.936 | 9.460 | PASS |



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|-----|----|----|-------------|---|------------|--------|--------|------|
| N25 | 15 | 10 | CP-QPSK | L | Outer_Full | 9.28 | 9.740 | PASS |
| N25 | 15 | 10 | CP-16QAM | L | Outer_Full | 9.277 | 9.760 | PASS |
| N25 | 15 | 10 | CP-64QAM | L | Outer_Full | 9.27 | 9.760 | PASS |
| N25 | 15 | 10 | CP-256QAM | L | Outer_Full | 9.291 | 9.760 | PASS |
| N25 | 15 | 10 | DFT-QPSK | M | Outer_Full | 8.921 | 9.400 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full | 8.948 | 9.360 | PASS |
| N25 | 15 | 10 | DFT-16QAM | M | Outer_Full | 8.928 | 9.420 | PASS |
| N25 | 15 | 10 | DFT-64QAM | M | Outer_Full | 8.927 | 9.440 | PASS |
| N25 | 15 | 10 | DFT-256QAM | M | Outer_Full | 8.932 | 9.440 | PASS |
| N25 | 15 | 10 | CP-QPSK | M | Outer_Full | 9.289 | 9.740 | PASS |
| N25 | 15 | 10 | CP-16QAM | M | Outer_Full | 9.277 | 9.760 | PASS |
| N25 | 15 | 10 | CP-64QAM | M | Outer_Full | 9.298 | 9.760 | PASS |
| N25 | 15 | 10 | CP-256QAM | M | Outer_Full | 9.271 | 9.740 | PASS |
| N25 | 15 | 10 | DFT-QPSK | H | Outer_Full | 8.912 | 9.360 | PASS |
| N25 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full | 8.891 | 9.320 | PASS |
| N25 | 15 | 10 | DFT-16QAM | H | Outer_Full | 8.914 | 9.420 | PASS |
| N25 | 15 | 10 | DFT-64QAM | H | Outer_Full | 8.912 | 9.360 | PASS |
| N25 | 15 | 10 | DFT-256QAM | H | Outer_Full | 8.915 | 9.400 | PASS |
| N25 | 15 | 10 | CP-QPSK | H | Outer_Full | 9.27 | 9.740 | PASS |
| N25 | 15 | 10 | CP-16QAM | H | Outer_Full | 9.271 | 9.760 | PASS |
| N25 | 15 | 10 | CP-64QAM | H | Outer_Full | 9.247 | 9.780 | PASS |
| N25 | 15 | 10 | CP-256QAM | H | Outer_Full | 9.268 | 9.780 | PASS |
| N25 | 15 | 15 | DFT-QPSK | L | Outer_Full | 13.429 | 14.070 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full | 13.414 | 14.070 | PASS |
| N25 | 15 | 15 | DFT-16QAM | L | Outer_Full | 13.434 | 14.040 | PASS |
| N25 | 15 | 15 | DFT-64QAM | L | Outer_Full | 13.397 | 14.070 | PASS |
| N25 | 15 | 15 | DFT-256QAM | L | Outer_Full | 13.44 | 14.160 | PASS |
| N25 | 15 | 15 | CP-QPSK | L | Outer_Full | 14.143 | 14.760 | PASS |
| N25 | 15 | 15 | CP-16QAM | L | Outer_Full | 14.109 | 14.760 | PASS |
| N25 | 15 | 15 | CP-64QAM | L | Outer_Full | 14.078 | 14.850 | PASS |
| N25 | 15 | 15 | CP-256QAM | L | Outer_Full | 14.142 | 14.730 | PASS |
| N25 | 15 | 15 | DFT-QPSK | M | Outer_Full | 13.446 | 14.130 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full | 13.435 | 14.100 | PASS |
| N25 | 15 | 15 | DFT-16QAM | M | Outer_Full | 13.433 | 14.160 | PASS |
| N25 | 15 | 15 | DFT-64QAM | M | Outer_Full | 13.427 | 14.070 | PASS |
| N25 | 15 | 15 | DFT-256QAM | M | Outer_Full | 13.46 | 14.130 | PASS |
| N25 | 15 | 15 | CP-QPSK | M | Outer_Full | 14.141 | 14.820 | PASS |



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|-----|----|----|-------------|---|------------|--------|--------|------|
| N25 | 15 | 15 | CP-16QAM | M | Outer_Full | 14.11 | 14.790 | PASS |
| N25 | 15 | 15 | CP-64QAM | M | Outer_Full | 14.108 | 14.790 | PASS |
| N25 | 15 | 15 | CP-256QAM | M | Outer_Full | 14.133 | 14.910 | PASS |
| N25 | 15 | 15 | DFT-QPSK | H | Outer_Full | 13.407 | 14.130 | PASS |
| N25 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full | 13.423 | 14.130 | PASS |
| N25 | 15 | 15 | DFT-16QAM | H | Outer_Full | 13.426 | 14.100 | PASS |
| N25 | 15 | 15 | DFT-64QAM | H | Outer_Full | 13.383 | 14.160 | PASS |
| N25 | 15 | 15 | DFT-256QAM | H | Outer_Full | 13.434 | 14.040 | PASS |
| N25 | 15 | 15 | CP-QPSK | H | Outer_Full | 14.079 | 14.760 | PASS |
| N25 | 15 | 15 | CP-16QAM | H | Outer_Full | 14.093 | 14.820 | PASS |
| N25 | 15 | 15 | CP-64QAM | H | Outer_Full | 14.083 | 14.850 | PASS |
| N25 | 15 | 15 | CP-256QAM | H | Outer_Full | 14.106 | 14.790 | PASS |
| N25 | 15 | 20 | DFT-QPSK | L | Outer_Full | 17.848 | 18.600 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full | 17.854 | 18.520 | PASS |
| N25 | 15 | 20 | DFT-16QAM | L | Outer_Full | 17.863 | 18.600 | PASS |
| N25 | 15 | 20 | DFT-64QAM | L | Outer_Full | 17.848 | 18.640 | PASS |
| N25 | 15 | 20 | DFT-256QAM | L | Outer_Full | 17.901 | 18.640 | PASS |
| N25 | 15 | 20 | CP-QPSK | L | Outer_Full | 18.93 | 19.840 | PASS |
| N25 | 15 | 20 | CP-16QAM | L | Outer_Full | 18.892 | 19.680 | PASS |
| N25 | 15 | 20 | CP-64QAM | L | Outer_Full | 18.914 | 19.760 | PASS |
| N25 | 15 | 20 | CP-256QAM | L | Outer_Full | 18.889 | 19.680 | PASS |
| N25 | 15 | 20 | DFT-QPSK | M | Outer_Full | 17.864 | 18.680 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | 17.885 | 18.720 | PASS |
| N25 | 15 | 20 | DFT-16QAM | M | Outer_Full | 17.895 | 18.680 | PASS |
| N25 | 15 | 20 | DFT-64QAM | M | Outer_Full | 17.881 | 18.640 | PASS |
| N25 | 15 | 20 | DFT-256QAM | M | Outer_Full | 17.885 | 18.680 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | 18.965 | 19.760 | PASS |
| N25 | 15 | 20 | CP-16QAM | M | Outer_Full | 18.856 | 19.720 | PASS |
| N25 | 15 | 20 | CP-64QAM | M | Outer_Full | 18.939 | 19.720 | PASS |
| N25 | 15 | 20 | CP-256QAM | M | Outer_Full | 18.948 | 19.720 | PASS |
| N25 | 15 | 20 | DFT-QPSK | H | Outer_Full | 17.856 | 18.680 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full | 17.862 | 18.560 | PASS |
| N25 | 15 | 20 | DFT-16QAM | H | Outer_Full | 17.874 | 18.640 | PASS |
| N25 | 15 | 20 | DFT-64QAM | H | Outer_Full | 17.871 | 18.520 | PASS |
| N25 | 15 | 20 | DFT-256QAM | H | Outer_Full | 17.84 | 18.720 | PASS |
| N25 | 15 | 20 | CP-QPSK | H | Outer_Full | 18.949 | 19.760 | PASS |
| N25 | 15 | 20 | CP-16QAM | H | Outer_Full | 18.865 | 19.760 | PASS |



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| N25 | 15 | 20 | CP-64QAM | H | Outer_Full | 18.893 | 19.720 | PASS |
| N25 | 15 | 20 | CP-256QAM | H | Outer_Full | 18.929 | 19.840 | PASS |

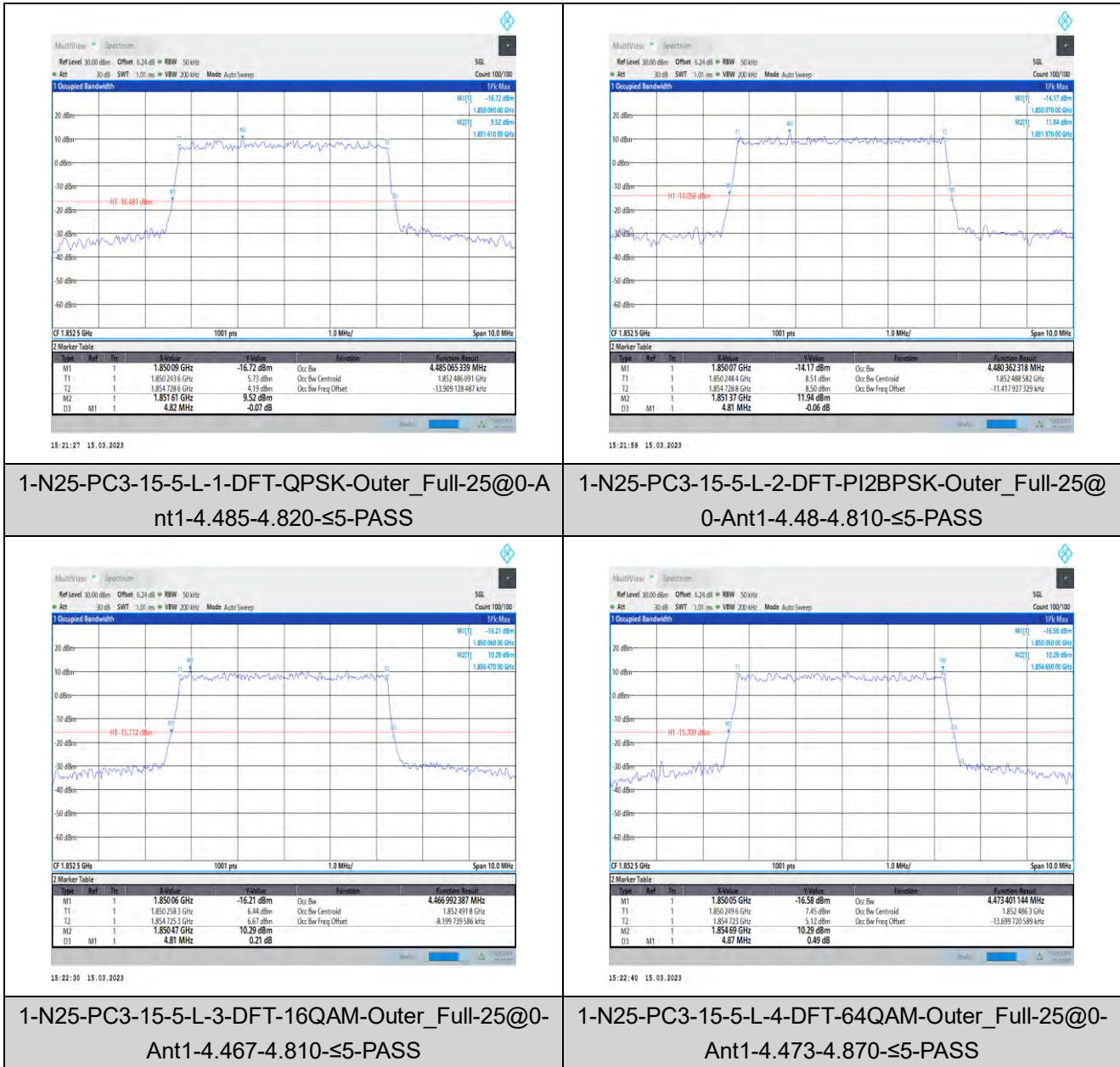


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Test Graphs



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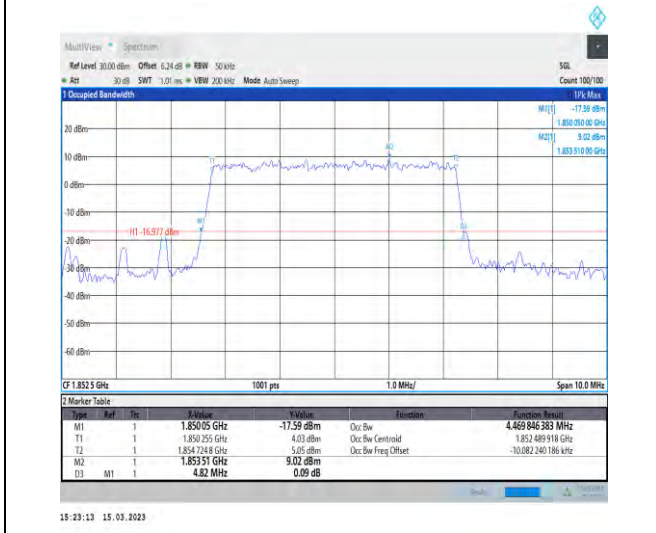
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1-N25-PC3-15-5-L-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.468-4.810-≤5-PASS

1-N25-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-An t1-4.473-5.450-≤5-PASS



1-N25-PC3-15-5-L-7-CP-16QAM-Outer_Full-25@0-Ant1-4.47-4.820-≤5-PASS

1-N25-PC3-15-5-L-8-CP-64QAM-Outer_Full-25@0-Ant1-4.476-4.770-≤5-PASS



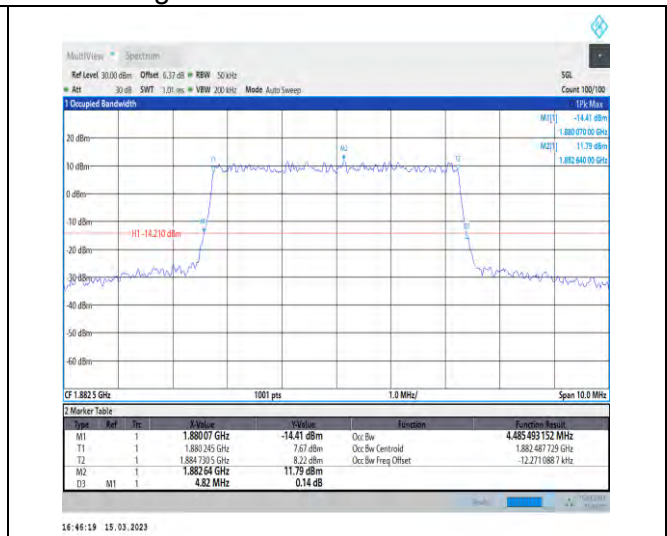
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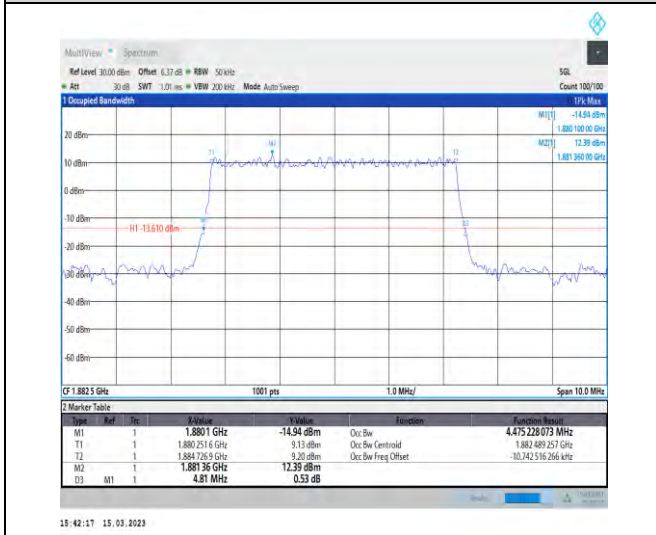
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1-N25-PC3-15-5-L-9-CP-256QAM-Outer_Full-25@0-Ant1-4.468-4.850-≤5-PASS



1-N25-PC3-15-5-M-1-DFT-QPSK-Outer_Full-25@0-Ant1-4.485-4.820-≤5-PASS



1-N25-PC3-15-5-M-2-DFT-PI2BPSK-Outer_Full-25@0-Ant1-4.475-4.810-≤5-PASS

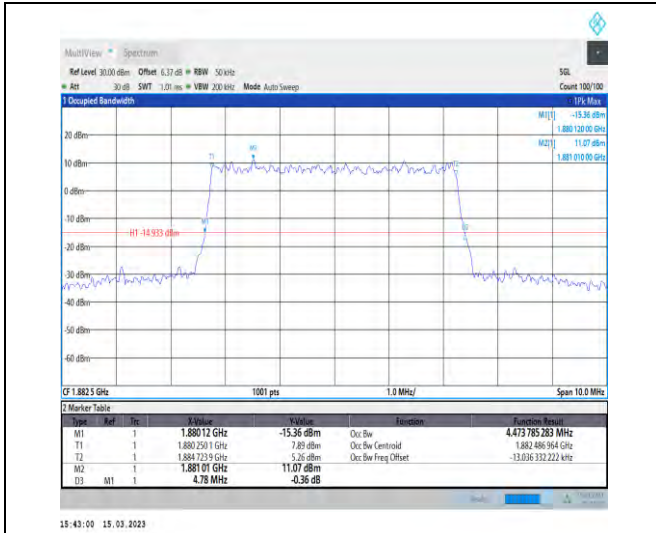


1-N25-PC3-15-5-M-3-DFT-16QAM-Outer_Full-25@0-Ant1-4.457-4.820-≤5-PASS

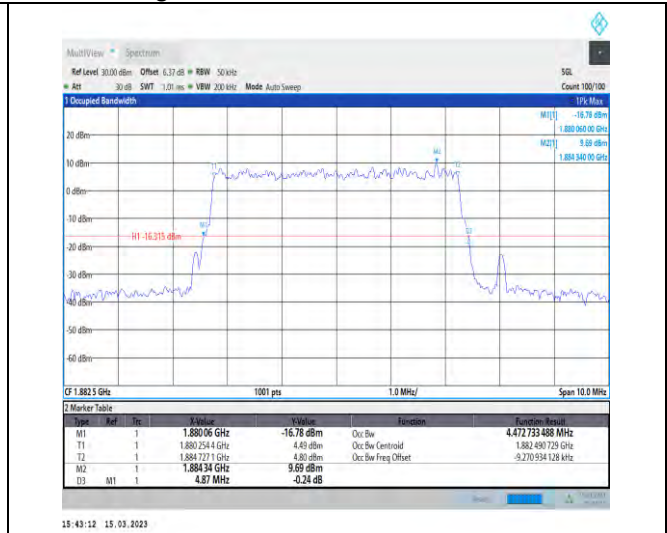


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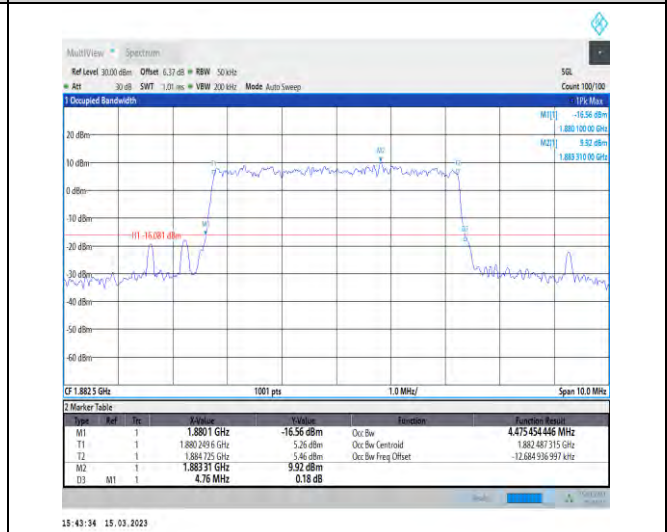
1-N25-PC3-15-5-M-4-DFT-64QAM-Outer_Full-25@0-Ant1-4.474-4.780-≤5-PASS



1-N25-PC3-15-5-M-5-DFT-256QAM-Outer_Full-25@0-Ant1-4.473-4.870-≤5-PASS



1-N25-PC3-15-5-M-6-CP-QPSK-Outer_Full-25@0-Ant1-4.467-5.540-≤5-PASS



1-N25-PC3-15-5-M-7-CP-16QAM-Outer_Full-25@0-Ant1-4.475-4.760-≤5-PASS



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1-N25-PC3-15-5-M-8-CP-64QAM-Outer_Full-25@0-Ant1-4.486-4.810-≤5-PASS

1-N25-PC3-15-5-M-9-CP-256QAM-Outer_Full-25@0-Ant1-4.459-4.780-≤5-PASS



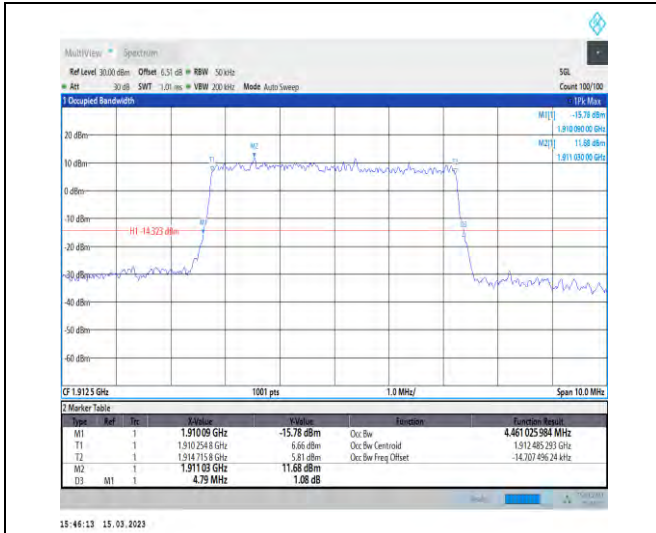
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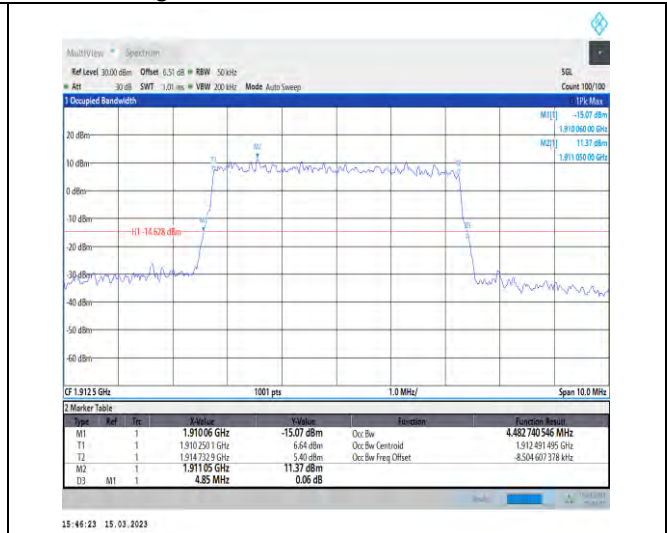


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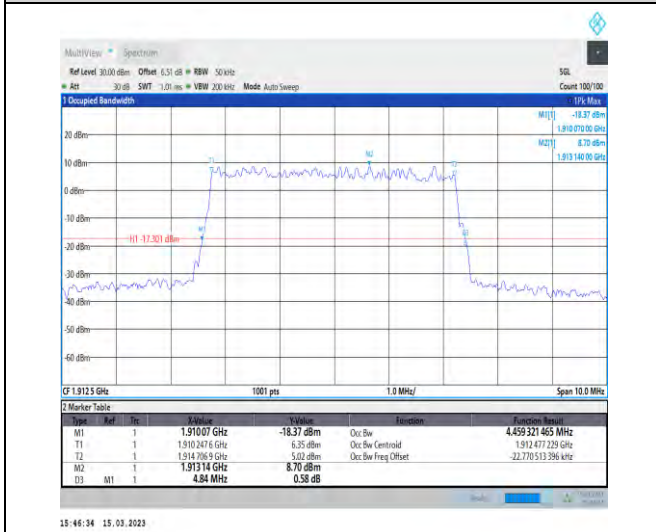
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1-N25-PC3-15-5-H-3-DFT-16QAM-Outer_Full-25@0
-Ant1-4.461-4.790-≤5-PASS



1-N25-PC3-15-5-H-4-DFT-64QAM-Outer_Full-25@0-
Ant1-4.483-4.850-≤5-PASS



1-N25-PC3-15-5-H-5-DFT-256QAM-Outer_Full-25@
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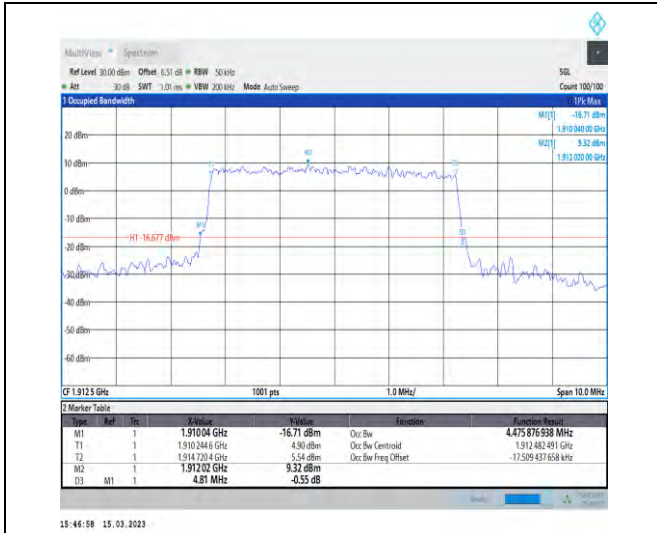


1-N25-PC3-15-5-H-6-CP-QPSK-Outer_Full-25@0-A
nt1-4.461-4.860-≤5-PASS



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1-N25-PC3-15-5-H-7-CP-16QAM-Outer_Full-25@0-Ant1-4.476-4.810-≤5-PASS

1-N25-PC3-15-5-H-8-CP-64QAM-Outer_Full-25@0-Ant1-4.484-4.790-≤5-PASS



1-N25-PC3-15-5-H-9-CP-256QAM-Outer_Full-25@0-Ant1-4.464-4.830-≤5-PASS

1-N25-PC3-15-10-L-1-DFT-QPSK-Outer_Full-50@0-Ant1-8.94-9.400-≤10-PASS



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1-N25-PC3-15-10-L-2-DFT-PI2BPSK-Outer_Full-50 @0-Ant1-8.903-9.300-≤10-PASS

1-N25-PC3-15-10-L-3-DFT-16QAM-Outer_Full-50 @0-Ant1-8.938-9.360-≤10-PASS



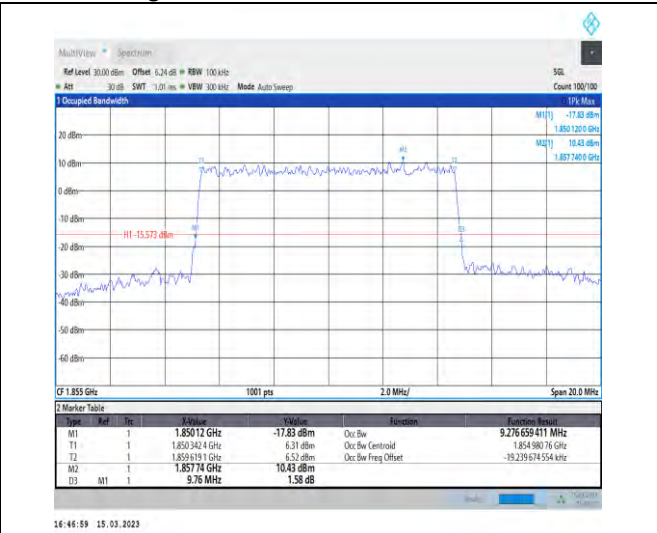
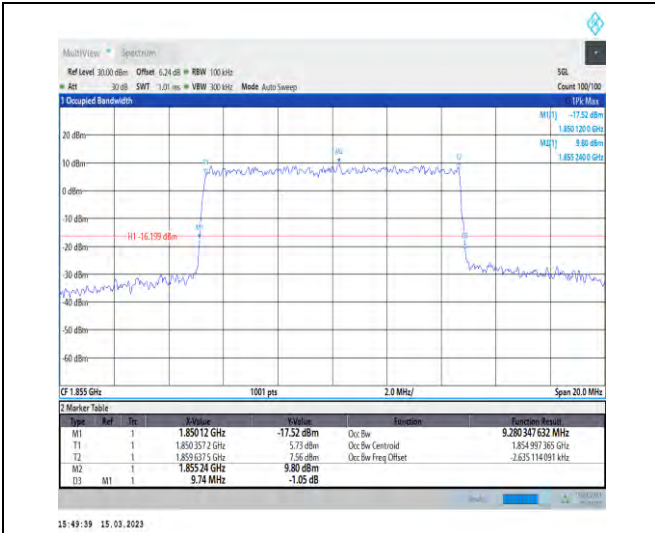
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1-N25-PC3-15-10-L-5-DFT-256QAM-Outer_Full-50 @0-Ant1-8.936-9.460-≤10-PASS



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1-N25-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-9.28-9.740-≤10-PASS

1-N25-PC3-15-10-L-7-CP-16QAM-Outer_Full-52@0-Ant1-9.277-9.760-≤10-PASS



1-N25-PC3-15-10-L-8-CP-64QAM-Outer_Full-52@0-Ant1-9.27-9.760-≤10-PASS

1-N25-PC3-15-10-L-9-CP-256QAM-Outer_Full-52@0-Ant1-9.291-9.760-≤10-PASS



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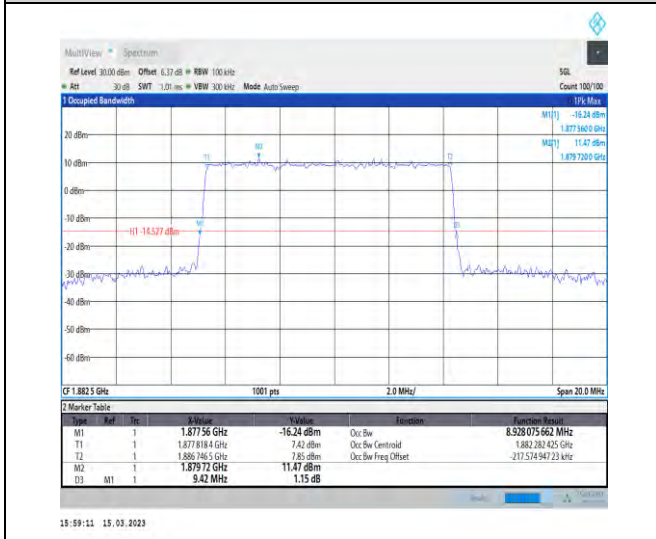
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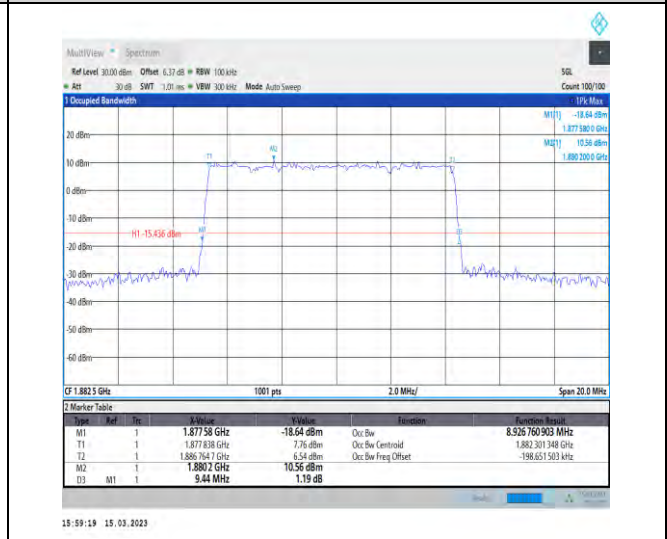
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1-N25-PC3-15-10-M-3-DFT-16QAM-Outer_Full-50@0-Ant1-8.928-9.420-≤10-PASS



1-N25-PC3-15-10-M-4-DFT-64QAM-Outer_Full-50@0-Ant1-8.927-9.440-≤10-PASS



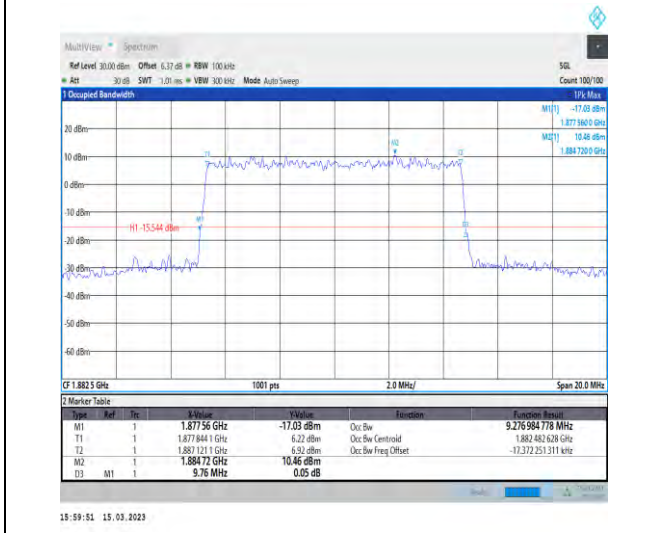
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1-N25-PC3-15-10-M-6-CP-QPSK-Outer_Full-52@0-Ant1-9.289-9.740-≤10-PASS



1-N25-PC3-15-10-M-7-CP-16QAM-Outer_Full-52@0-Ant1-9.277-9.760-≤10-PASS

1-N25-PC3-15-10-M-8-CP-64QAM-Outer_Full-52@0-Ant1-9.298-9.760-≤10-PASS



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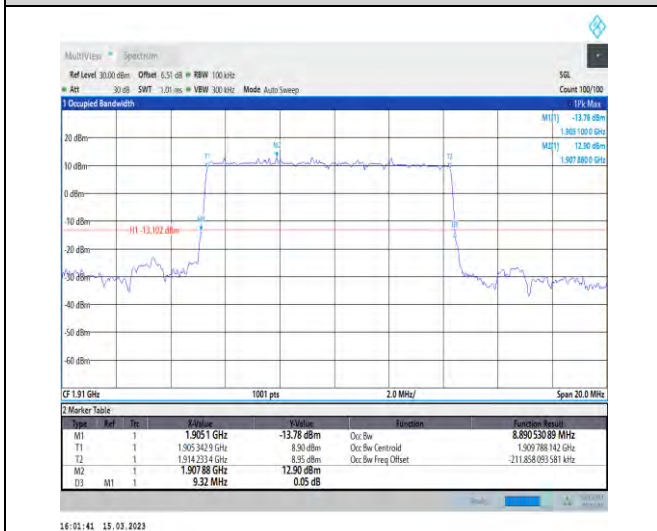
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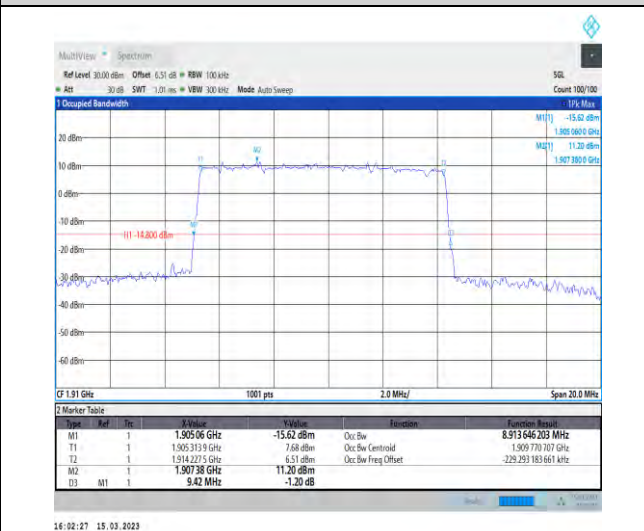
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1-N25-PC3-15-10-H-1-DFT-QPSK-Outer_Full-50@0-
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1-N25-PC3-15-10-H-2-DFT-PI2BPSK-Outer_Full-50
 @0-Ant1-8.891-9.320-≤10-PASS



1-N25-PC3-15-10-H-3-DFT-16QAM-Outer_Full-50@
 0-Ant1-8.914-9.420-≤10-PASS



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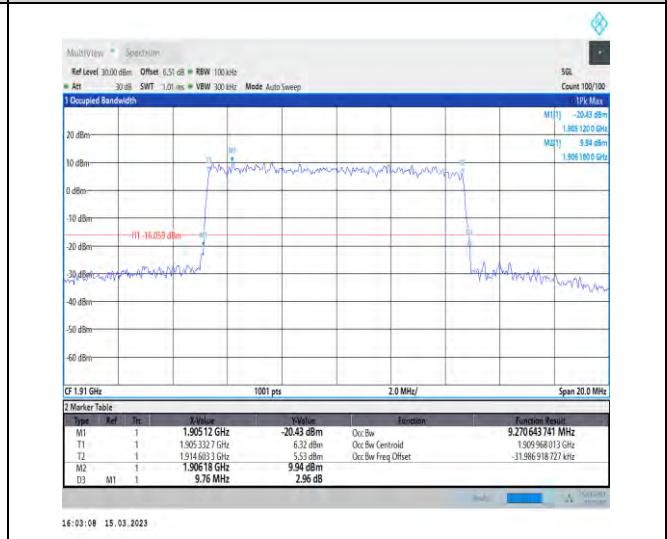
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1-N25-PC3-15-10-H-5-DFT-256QAM-Outer_Full-50
@0-Ant1-8.915-9.400-≤10-PASS



1-N25-PC3-15-10-H-6-CP-QPSK-Outer_Full-52@0-
Ant1-9.27-9.740-≤10-PASS



1-N25-PC3-15-10-H-7-CP-16QAM-Outer_Full-52@0
-Ant1-9.271-9.760-≤10-PASS



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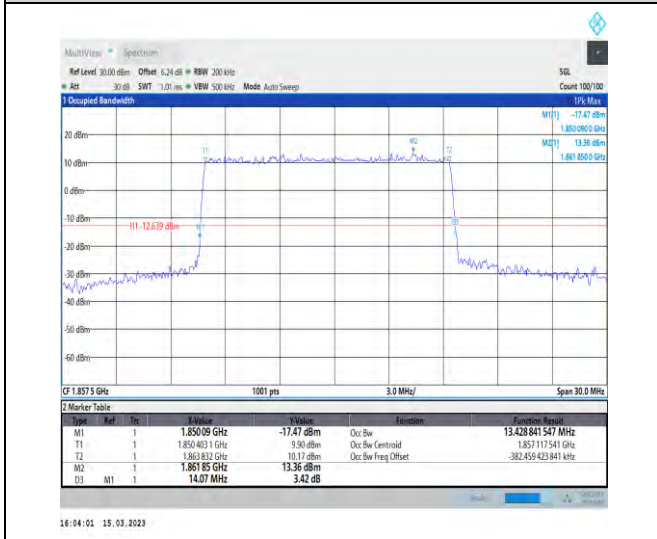
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1-N25-PC3-15-10-H-8-CP-64QAM-Outer_Full-52@0
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1-N25-PC3-15-10-H-9-CP-256QAM-Outer_Full-52@0
 -Ant1-9.268-9.780-≤10-PASS



1-N25-PC3-15-15-L-1-DFT-QPSK-Outer_Full-75@0-
 Ant1-13.429-14.070-≤15-PASS



1-N25-PC3-15-15-L-2-DFT-PI2BPSK-Outer_Full-75@0-
 Ant1-13.414-14.070-≤15-PASS



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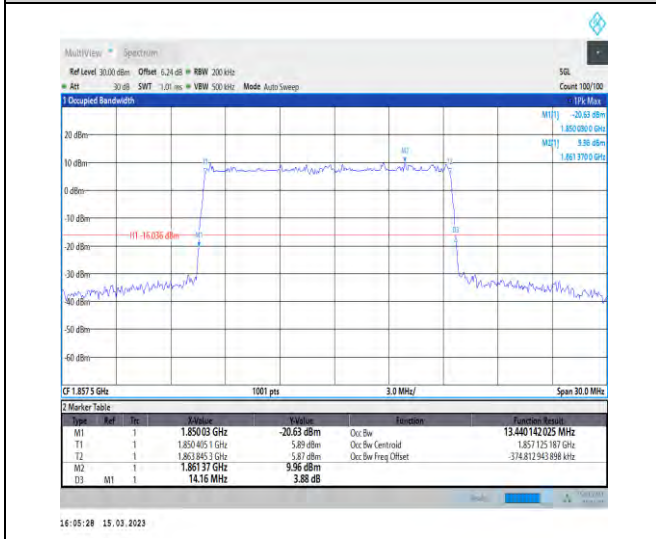
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1-N25-PC3-15-15-L-3-DFT-16QAM-Outer_Full-75@
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1-N25-PC3-15-15-L-4-DFT-64QAM-Outer_Full-75@
0-Ant1-13.397-14.070-≤15-PASS



1-N25-PC3-15-15-L-5-DFT-256QAM-Outer_Full-75
@0-Ant1-13.44-14.160-≤15-PASS

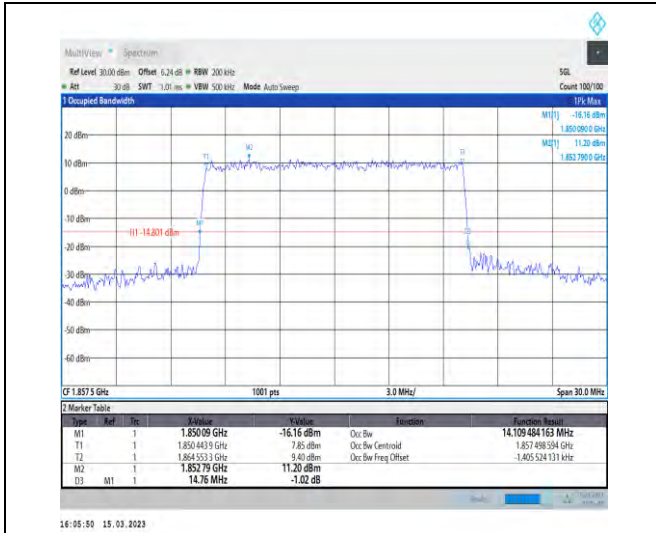


1-N25-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-A
nt1-14.143-14.760-≤15-PASS



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1-N25-PC3-15-15-L-7-CP-16QAM-Outer_Full-79@0-Ant1-14.109-14.760-≤15-PASS



1-N25-PC3-15-15-L-8-CP-64QAM-Outer_Full-79@0-Ant1-14.078-14.850-≤15-PASS



1-N25-PC3-15-15-L-9-CP-256QAM-Outer_Full-79@0-Ant1-14.142-14.730-≤15-PASS



1-N25-PC3-15-15-M-1-DFT-QPSK-Outer_Full-75@0-Ant1-13.446-14.130-≤15-PASS



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1-N25-PC3-15-15-M-2-DFT-PI2BPSK-Outer_Full-75 @0-Ant1-13.435-14.100-≤15-PASS

1-N25-PC3-15-15-M-3-DFT-16QAM-Outer_Full-75@ 0-Ant1-13.433-14.160-≤15-PASS



1-N25-PC3-15-15-M-4-DFT-64QAM-Outer_Full-75@ 0-Ant1-13.427-14.070-≤15-PASS

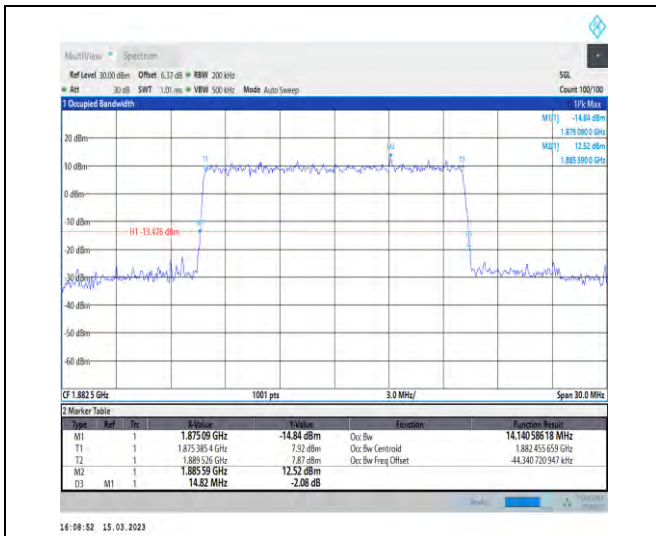
1-N25-PC3-15-15-M-5-DFT-256QAM-Outer_Full-75 @0-Ant1-13.46-14.130-≤15-PASS



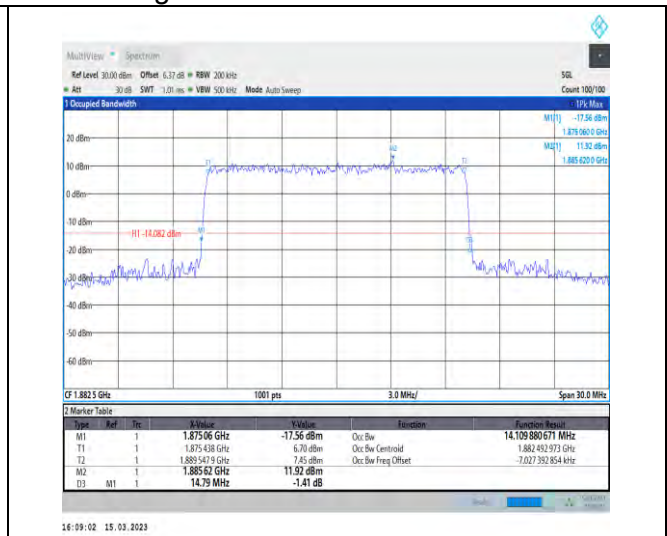
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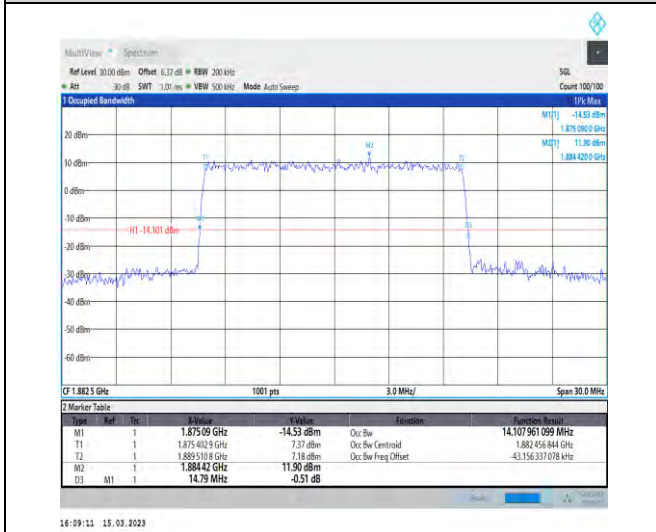
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1-N25-PC3-15-15-M-6-CP-QPSK-Outer_Full-79@0-Ant1-14.141-14.820-≤15-PASS



1-N25-PC3-15-15-M-7-CP-16QAM-Outer_Full-79@0-Ant1-14.11-14.790-≤15-PASS



1-N25-PC3-15-15-M-8-CP-64QAM-Outer_Full-79@0-Ant1-14.108-14.790-≤15-PASS



1-N25-PC3-15-15-M-9-CP-256QAM-Outer_Full-79@0-Ant1-14.133-14.910-≤15-PASS



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1-N25-PC3-15-15-H-1-DFT-QPSK-Outer_Full-75@0
-Ant1-13.407-14.130-≤15-PASS

1-N25-PC3-15-15-H-2-DFT-PI2BPSK-Outer_Full-75@0
@0-Ant1-13.423-14.130-≤15-PASS



1-N25-PC3-15-15-H-3-DFT-16QAM-Outer_Full-75@0
0-Ant1-13.426-14.100-≤15-PASS

1-N25-PC3-15-15-H-4-DFT-64QAM-Outer_Full-75@0
0-Ant1-13.383-14.160-≤15-PASS



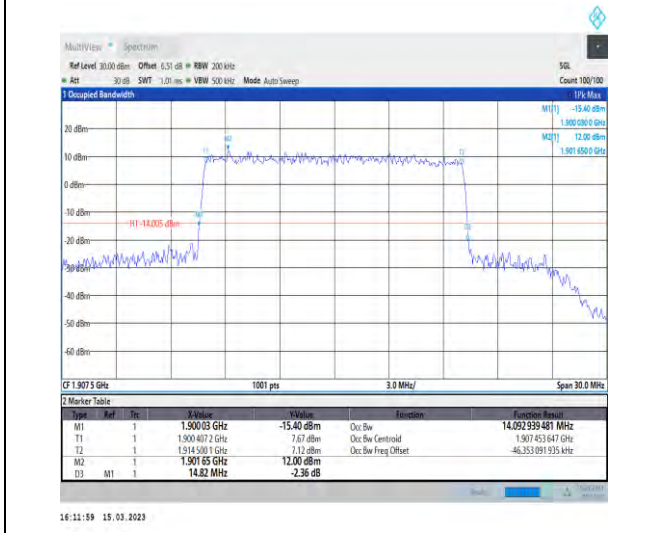
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1-N25-PC3-15-15-H-5-DFT-256QAM-Outer_Full-75 @0-Ant1-13.434-14.040-≤15-PASS

1-N25-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-14.079-14.760-≤15-PASS



1-N25-PC3-15-15-H-7-CP-16QAM-Outer_Full-79@0 -Ant1-14.093-14.820-≤15-PASS

1-N25-PC3-15-15-H-8-CP-64QAM-Outer_Full-79@0 -Ant1-14.083-14.850-≤15-PASS

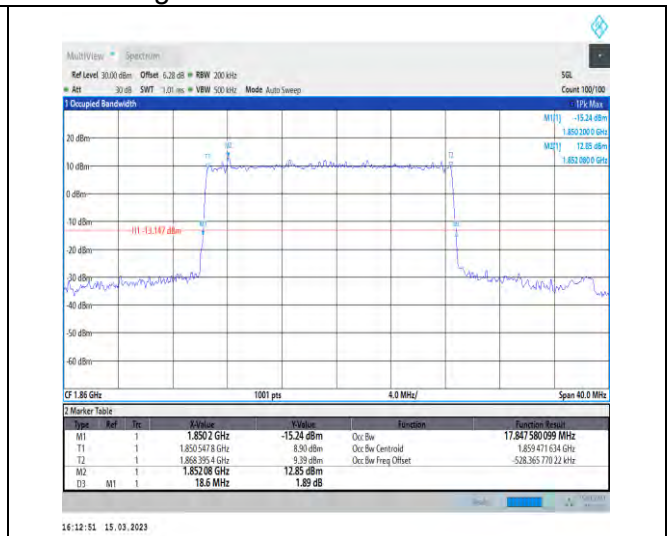


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1-N25-PC3-15-15-H-9-CP-256QAM-Outer_Full-79@
0-Ant1-14.106-14.790-≤15-PASS



1-N25-PC3-15-20-L-1-DFT-QPSK-Outer_Full-100@0
-Ant1-17.848-18.600-≤20-PASS



1-N25-PC3-15-20-L-2-DFT-PI2BPSK-Outer_Full-100
@0-Ant1-17.854-18.520-≤20-PASS



1-N25-PC3-15-20-L-3-DFT-16QAM-Outer_Full-100
@0-Ant1-17.863-18.600-≤20-PASS



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1-N25-PC3-15-20-L-4-DFT-64QAM-Outer_Full-100 @0-Ant1-17.848-18.640-≤20-PASS

1-N25-PC3-15-20-L-5-DFT-256QAM-Outer_Full-100 @0-Ant1-17.901-18.640-≤20-PASS



1-N25-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-18.93-19.840-≤20-PASS

1-N25-PC3-15-20-L-7-CP-16QAM-Outer_Full-106@0-Ant1-18.892-19.680-≤20-PASS



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1-N25-PC3-15-20-L-8-CP-64QAM-Outer_Full-106@
 0-Ant1-18.914-19.760-≤20-PASS



1-N25-PC3-15-20-L-9-CP-256QAM-Outer_Full-106
 @0-Ant1-18.889-19.680-≤20-PASS



1-N25-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@
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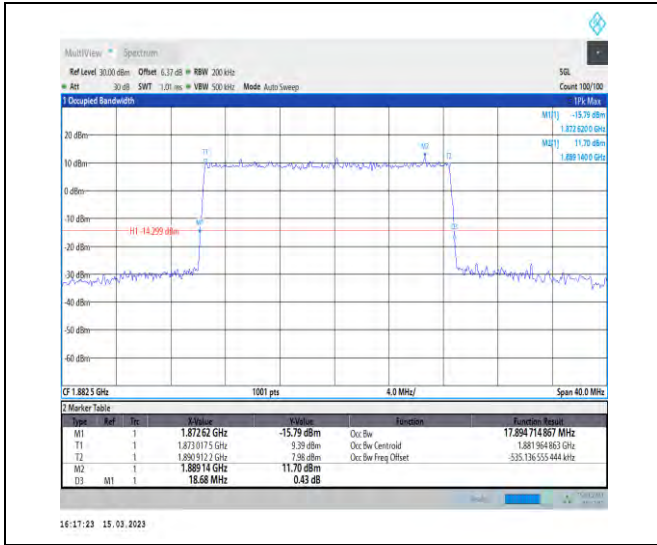


1-N25-PC3-15-20-M-2-DFT-PI2BPSK-Outer_Full-10
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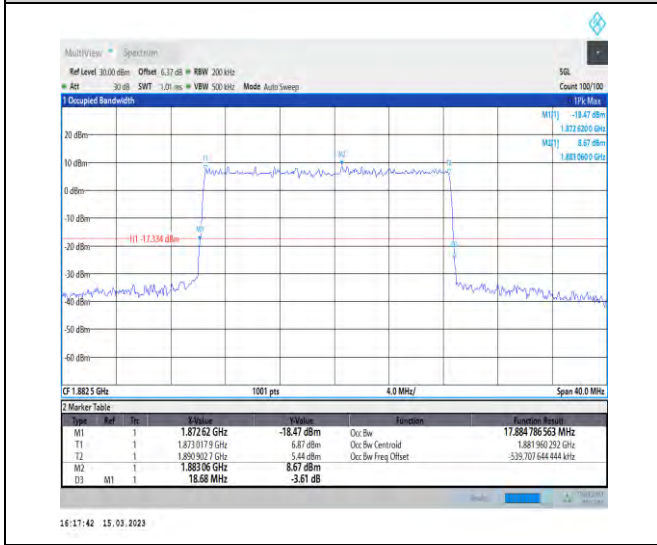
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1-N25-PC3-15-20-M-3-DFT-16QAM-Outer_Full-100 @0-Ant1-17.895-18.680-≤20-PASS

1-N25-PC3-15-20-M-4-DFT-64QAM-Outer_Full-100 @0-Ant1-17.881-18.640-≤20-PASS



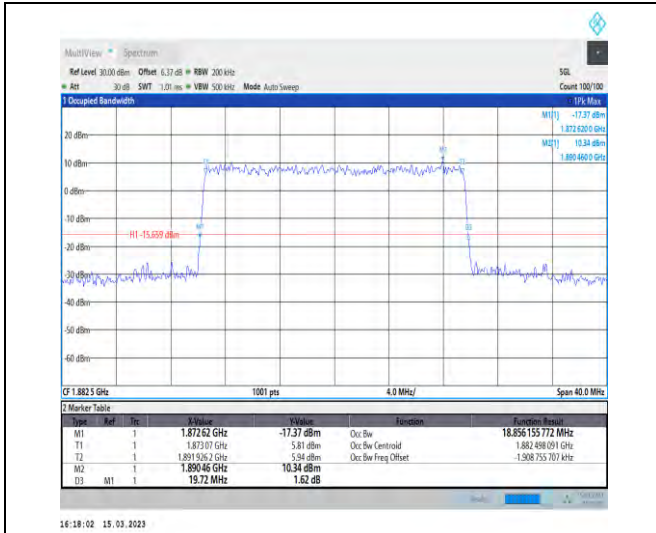
1-N25-PC3-15-20-M-5-DFT-256QAM-Outer_Full-100 @0-Ant1-17.885-18.680-≤20-PASS

1-N25-PC3-15-20-M-6-CP-QPSK-Outer_Full-106@0-Ant1-18.965-19.760-≤20-PASS



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1-N25-PC3-15-20-M-7-CP-16QAM-Outer_Full-106@
0-Ant1-18.856-19.720-≤20-PASS



1-N25-PC3-15-20-M-8-CP-64QAM-Outer_Full-106@
0-Ant1-18.939-19.720-≤20-PASS



1-N25-PC3-15-20-M-9-CP-256QAM-Outer_Full-106
@0-Ant1-18.948-19.720-≤20-PASS



1-N25-PC3-15-20-M-1-DFT-QPSK-Outer_Full-100@
0-Ant1-17.856-18.680-≤20-PASS



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1-N25-PC3-15-20-H-2-DFT-PI2BPSK-Outer_Full-100@0-Ant1-17.862-18.560-≤20-PASS

1-N25-PC3-15-20-H-3-DFT-16QAM-Outer_Full-100@0-Ant1-17.874-18.640-≤20-PASS



1-N25-PC3-15-20-H-4-DFT-64QAM-Outer_Full-100@0-Ant1-17.871-18.520-≤20-PASS

1-N25-PC3-15-20-H-5-DFT-256QAM-Outer_Full-100@0-Ant1-17.84-18.720-≤20-PASS



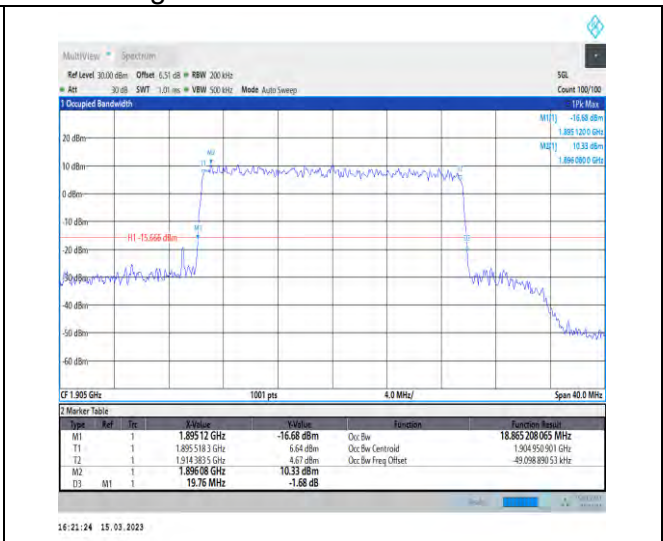
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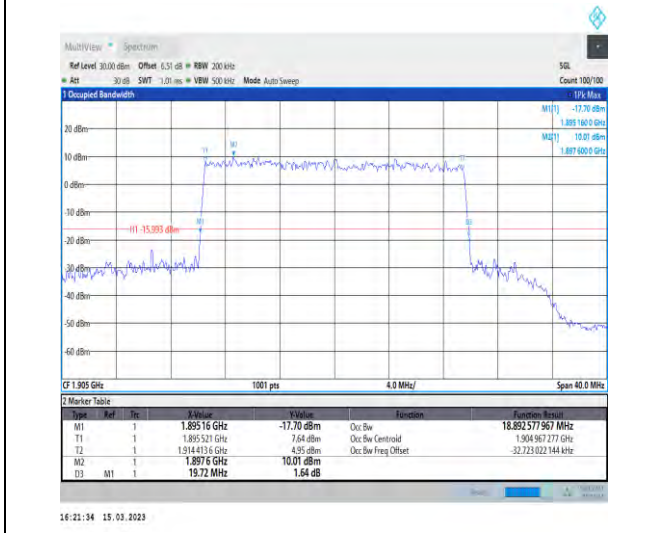
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1-N25-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0
-Ant1-18.949-19.760-≤20-PASS



1-N25-PC3-15-20-H-7-CP-16QAM-Outer_Full-106@0
-Ant1-18.865-19.760-≤20-PASS



1-N25-PC3-15-20-H-8-CP-64QAM-Outer_Full-106@0
-Ant1-18.893-19.720-≤20-PASS



1-N25-PC3-15-20-H-9-CP-256QAM-Outer_Full-106@0
-Ant1-18.929-19.840-≤20-PASS

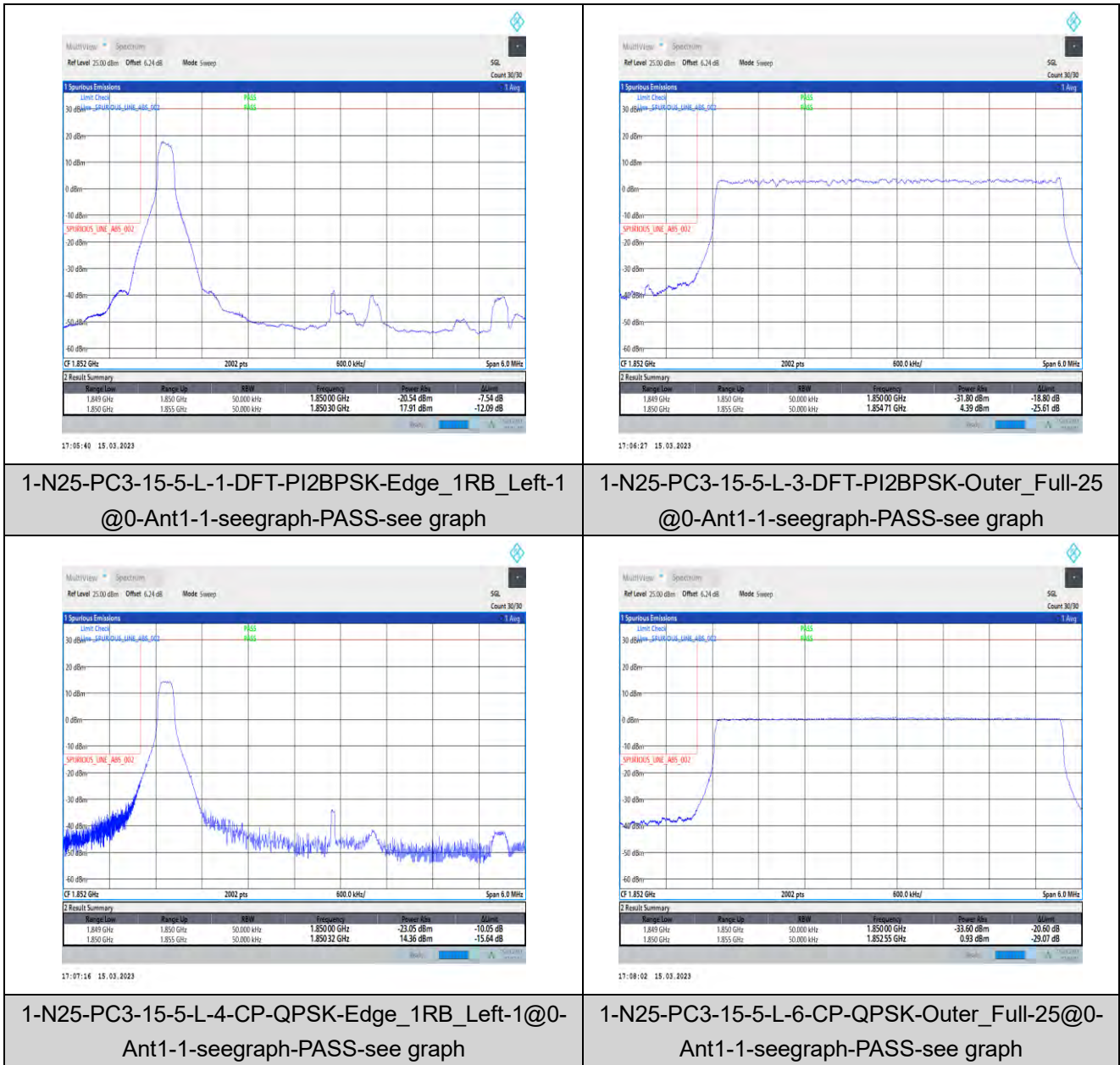


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Band Edge for SA

Test Graphs



1-N25-PC3-15-5-L-1-DFT-PI2BPSK-Edge_1RB_Left-1 @0-Ant1-1-seegraph-PASS-see graph

1-N25-PC3-15-5-L-3-DFT-PI2BPSK-Outer_Full-25 @0-Ant1-1-seegraph-PASS-see graph

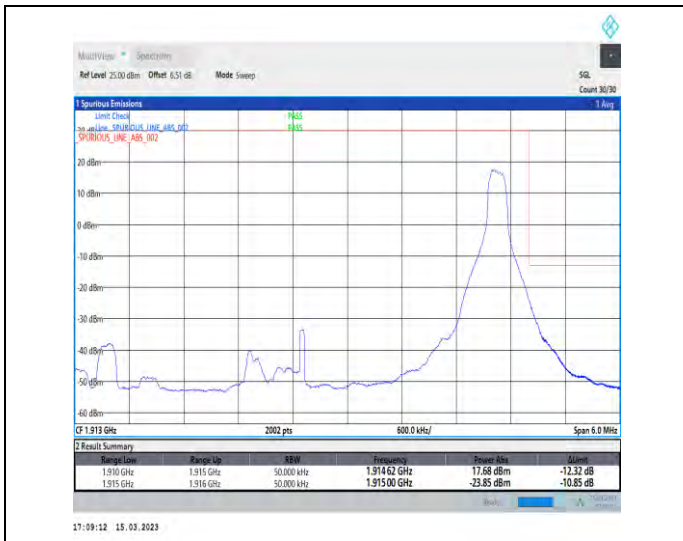
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1-N25-PC3-15-5-L-6-CP-QPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph

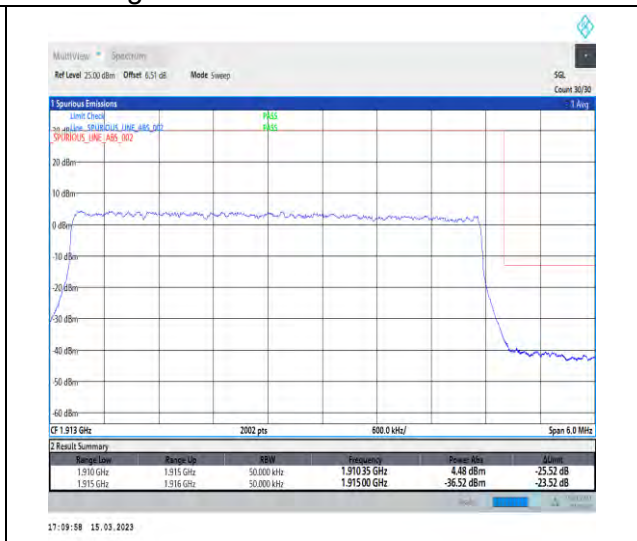


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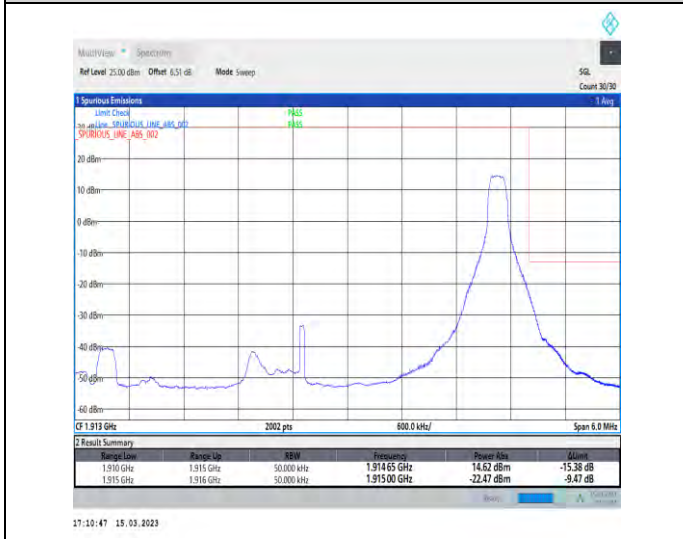
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1-N25-PC3-15-5-H-2-DFT-PI2BPSK-Edge_1RB_Right-1@24-Ant1-1-seegraph-PASS-see graph



1-N25-PC3-15-5-H-3-DFT-PI2BPSK-Outer_Full-25@0-Ant1-1-seegraph-PASS-see graph



1-N25-PC3-15-5-H-5-CP-QPSK-Edge_1RB_Right-1@24-Ant1-1-seegraph-PASS-see graph

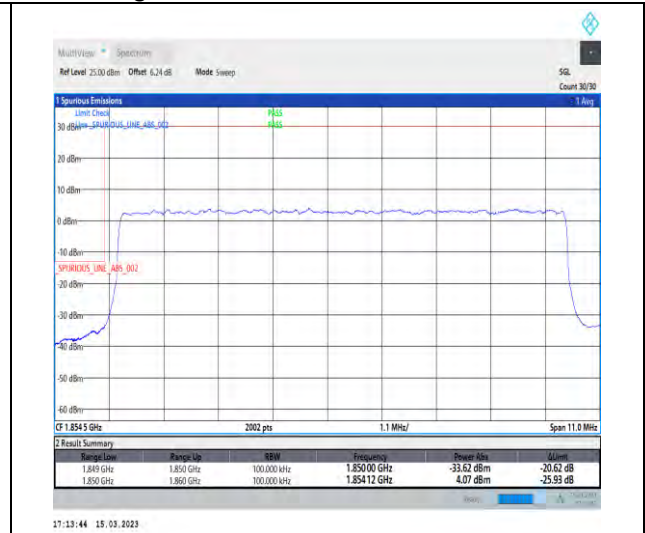
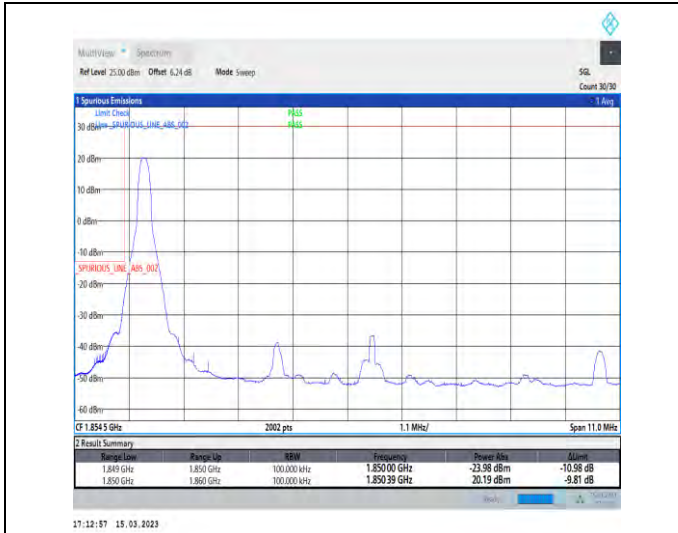


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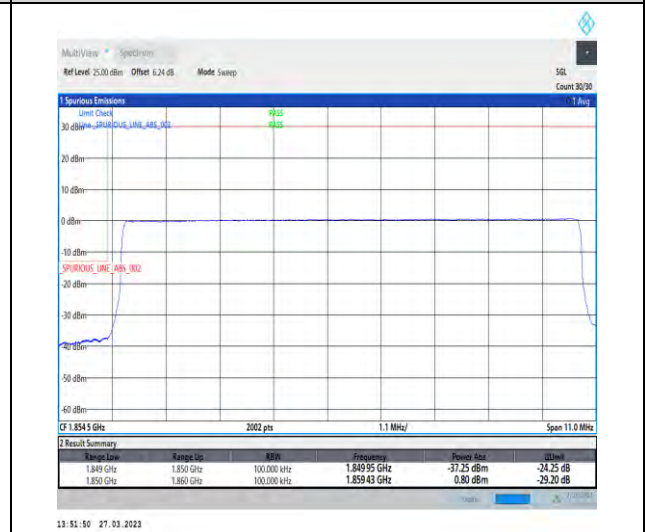
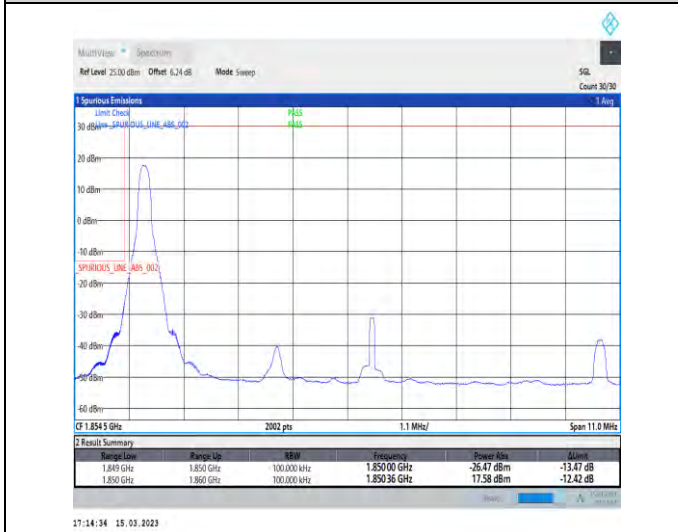
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1-N25-PC3-15-10-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-PC3-15-10-L-3-DFT-PI2BPSK-Outer_Full-50@0-Ant1-1-seegraph-PASS-see graph



1-N25-PC3-15-10-L-4-CP-QPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-PC3-15-10-L-6-CP-QPSK-Outer_Full-52@0-Ant1-1-seegraph-PASS-see graph



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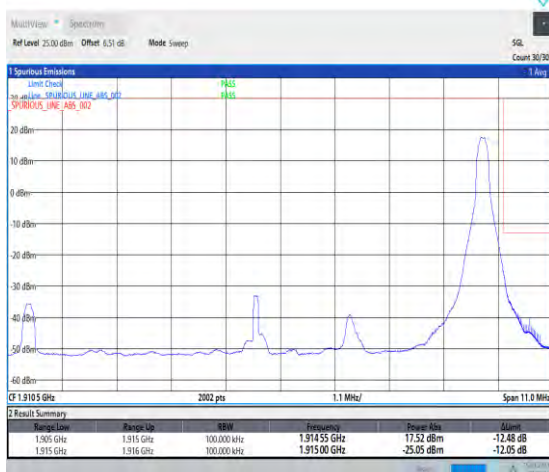
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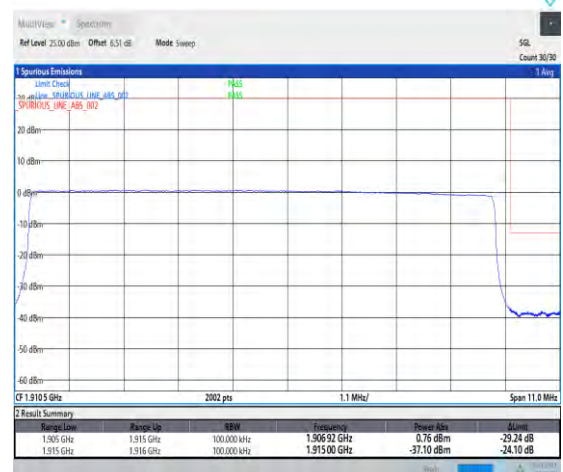
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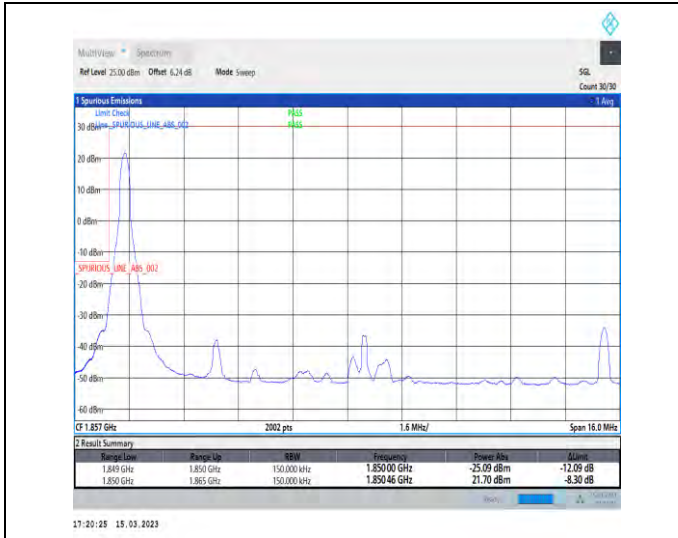
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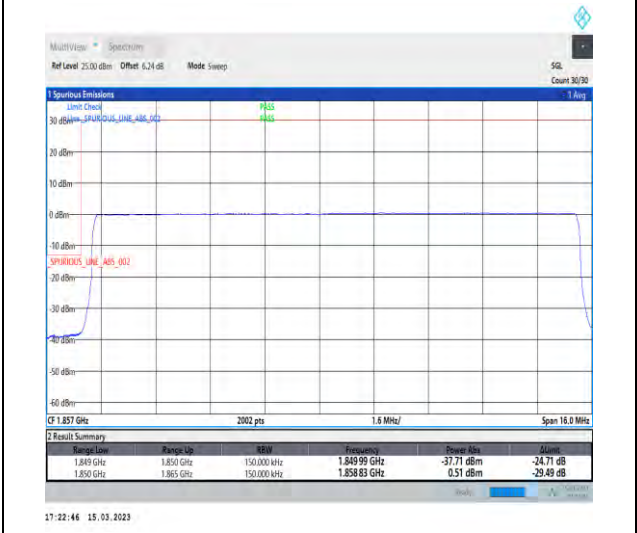
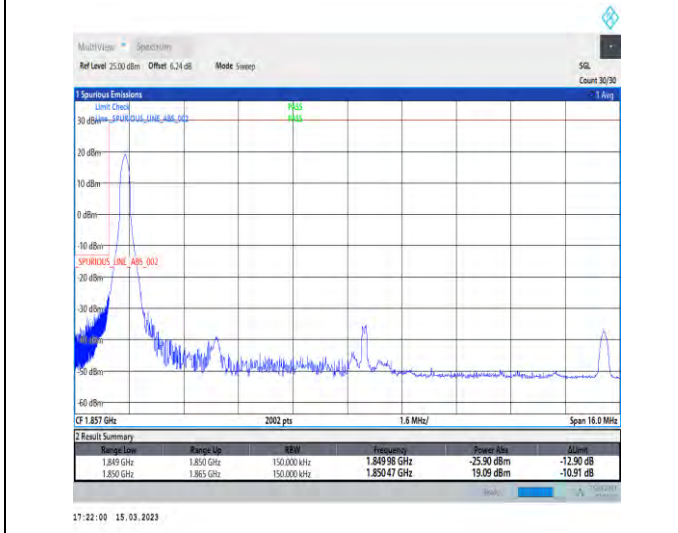
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1-N25-PC3-15-15-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-PC3-15-15-L-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



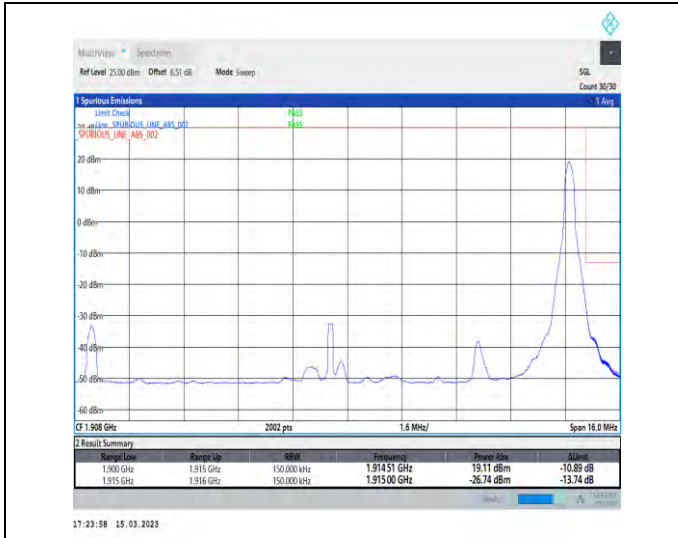
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1-N25-PC3-15-15-L-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



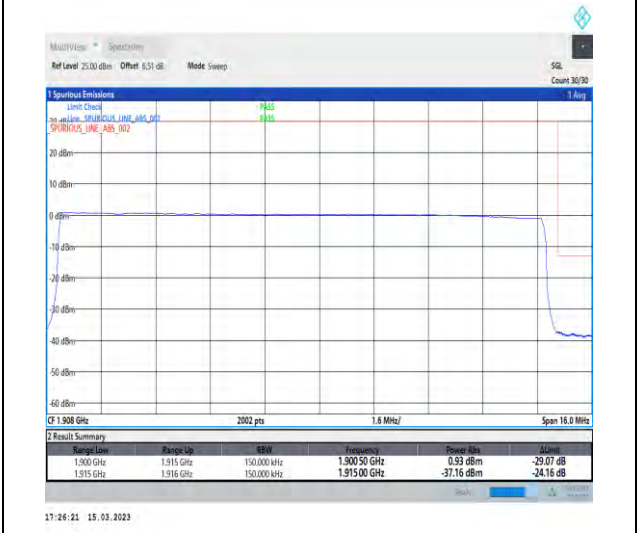
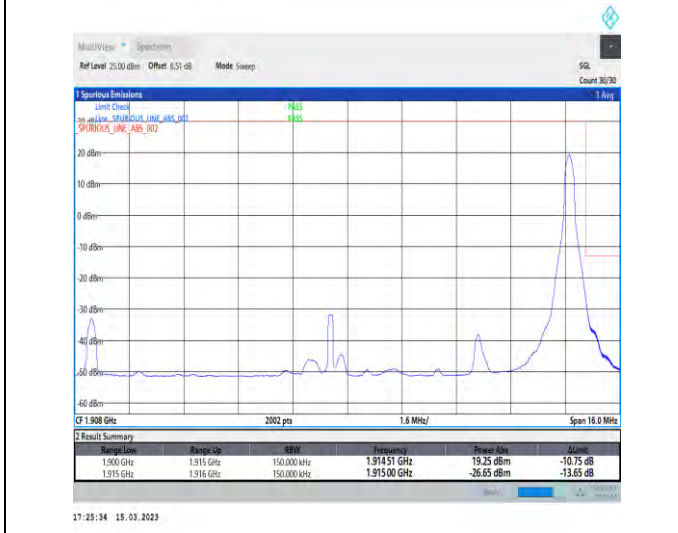
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1-N25-PC3-15-15-H-2-DFT-PI2BPSK-Edge_1RB_Right-t1@78-Ant1-1-seegraph-PASS-see graph

1-N25-PC3-15-15-H-3-DFT-PI2BPSK-Outer_Full-75@0-Ant1-1-seegraph-PASS-see graph



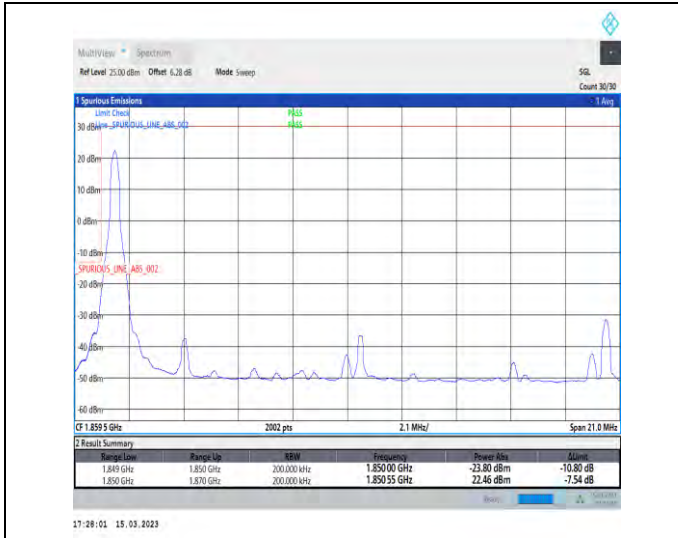
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1-N25-PC3-15-15-H-6-CP-QPSK-Outer_Full-79@0-Ant1-1-seegraph-PASS-see graph



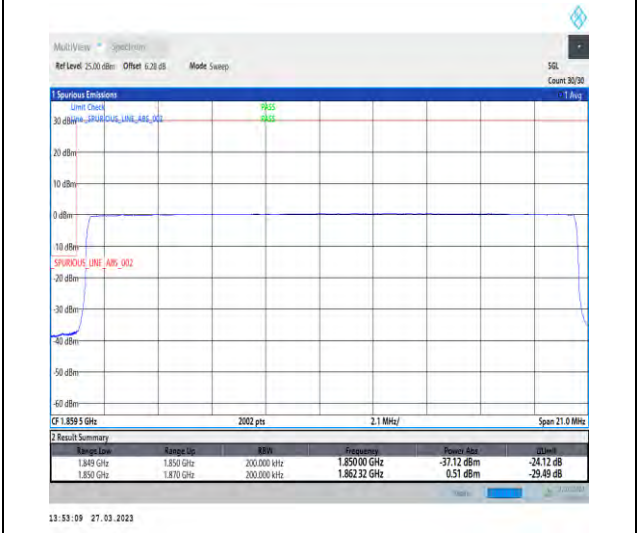
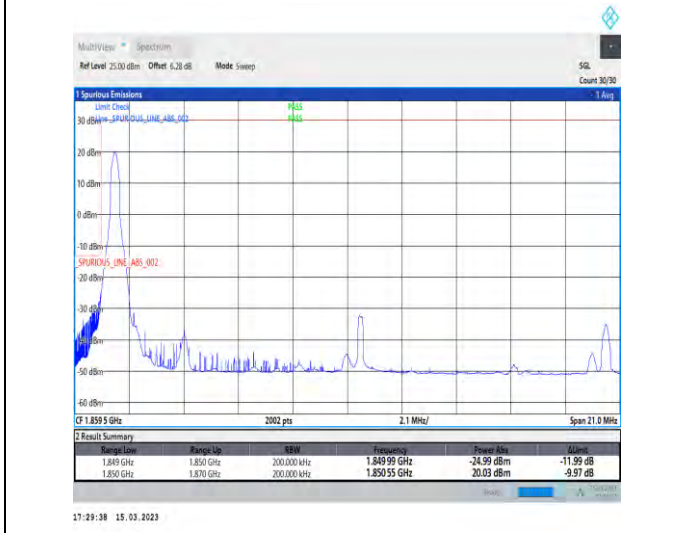
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1-N25-PC3-15-20-L-1-DFT-PI2BPSK-Edge_1RB_Left-1@0-Ant1-1-seegraph-PASS-see graph

1-N25-PC3-15-20-L-3-DFT-PI2BPSK-Outer_Full-100@0-Ant1-1-seegraph-PASS-see graph



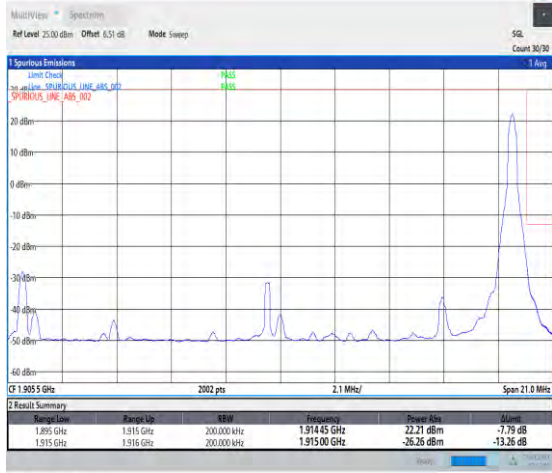
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1-N25-PC3-15-20-L-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph



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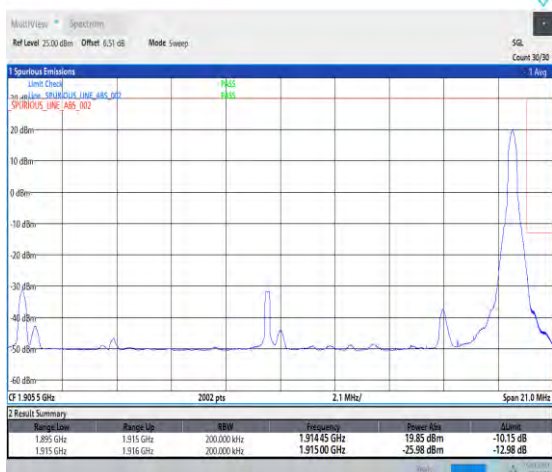
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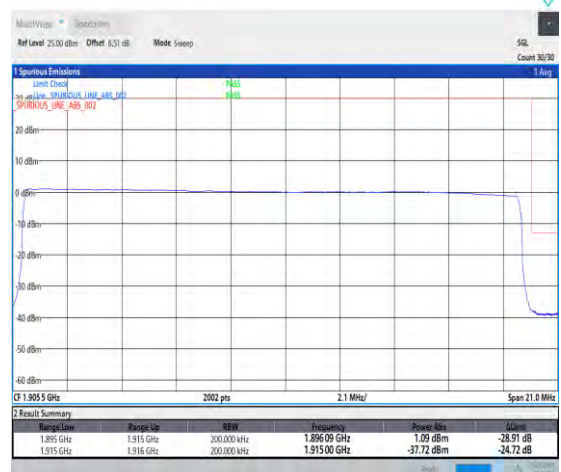
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1-N25-PC3-15-20-H-5-CP-QPSK-Edge_1RB_Right-1@105-Ant1-1-seegraph-PASS-see graph



17:40:07 15.03.2023

1-N25-PC3-15-20-H-6-CP-QPSK-Outer_Full-106@0-Ant1-1-seegraph-PASS-see graph

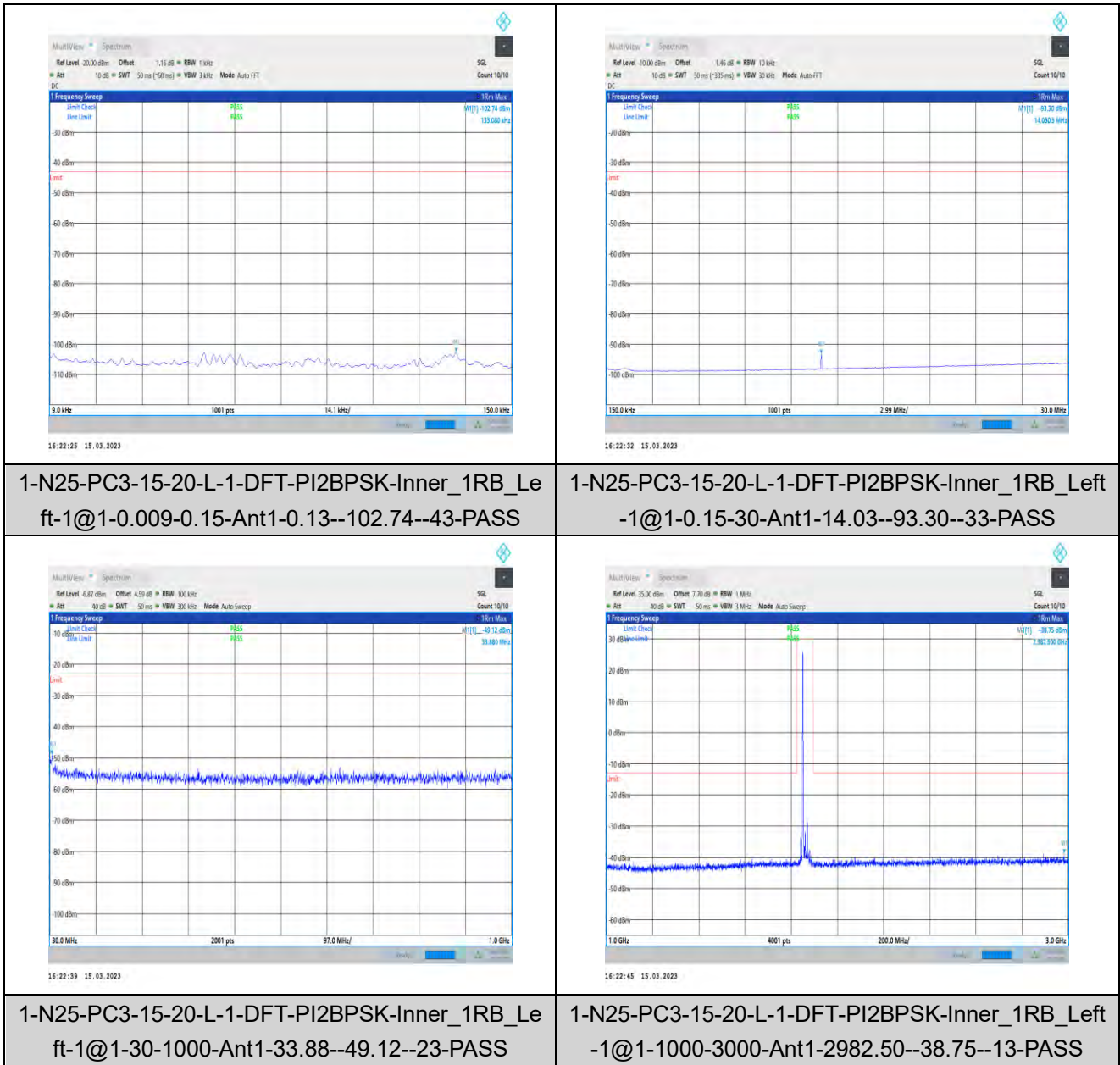


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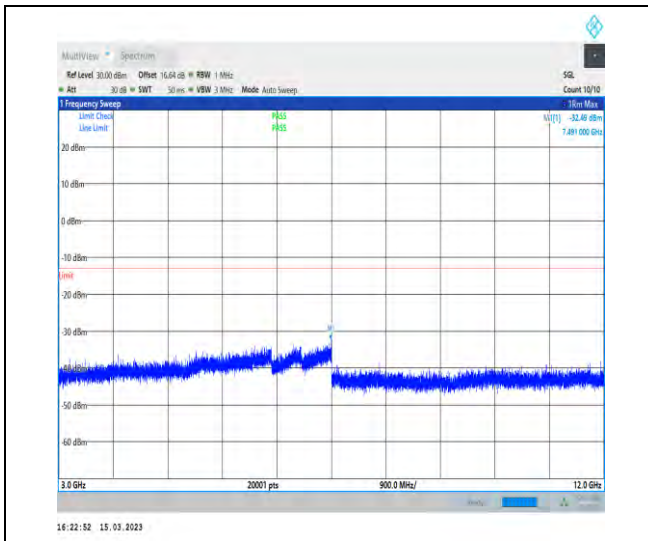
Conducted Spurious Emission for SA

Test Graphs

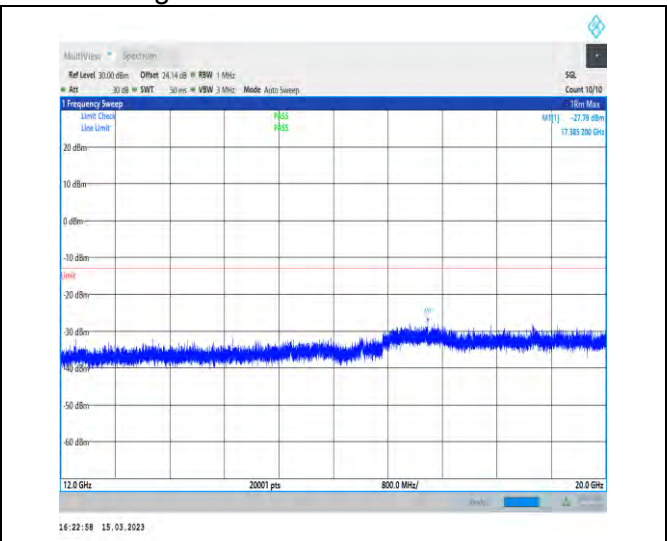


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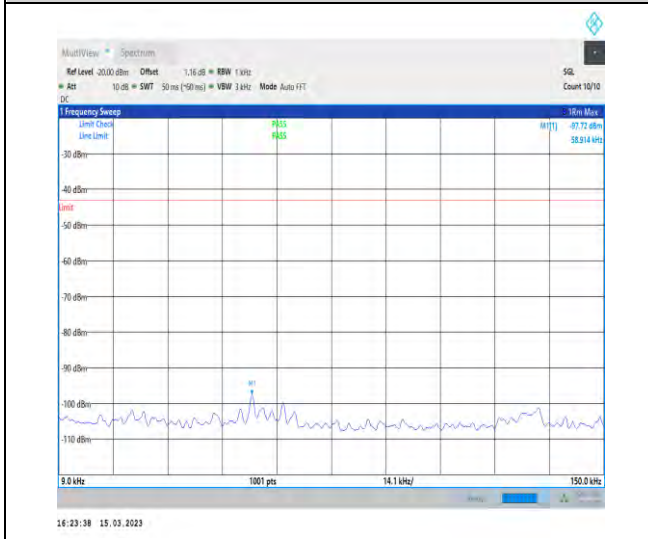
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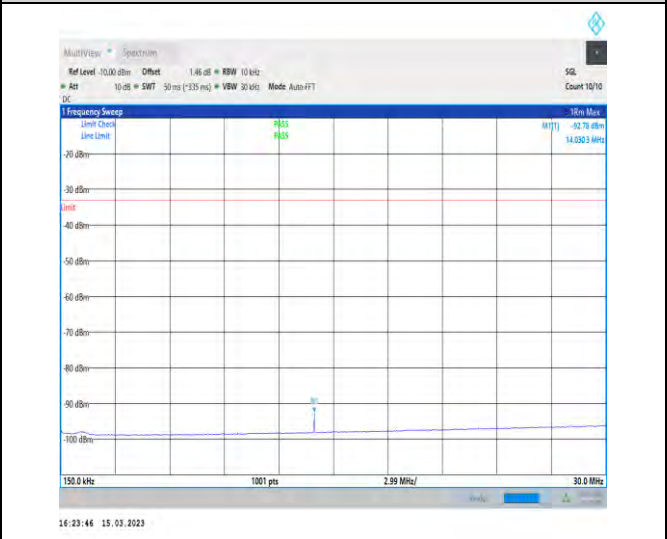
1-N25-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-3000-12000-Ant1-7491.00--32.49--13-PASS



1-N25-PC3-15-20-L-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-12000-20000-Ant1-17385.20--27.79--13-PASS



1-N25-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.009-0.15-Ant1-0.06--97.72--43-PASS

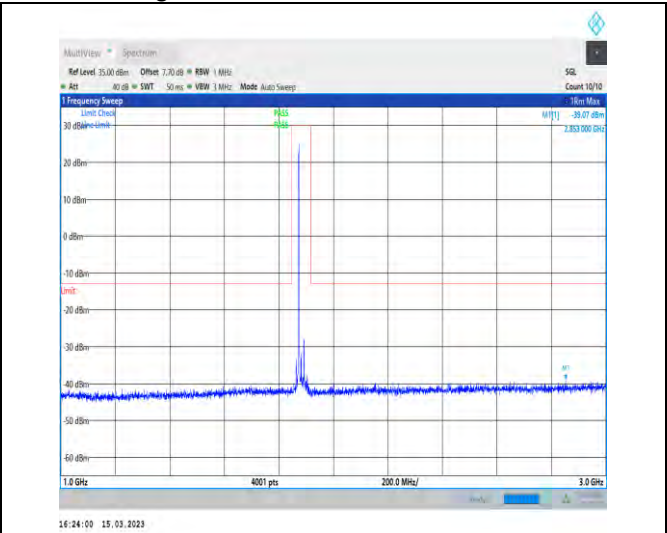
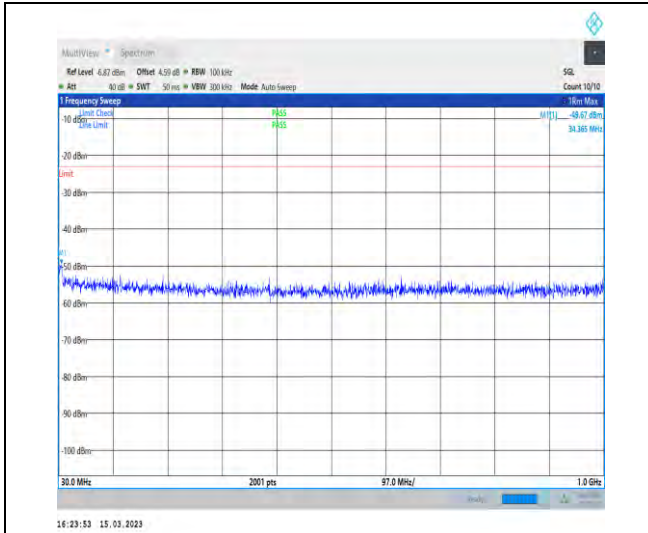


1-N25-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Left-1@1-0.15-30-Ant1-14.03--92.78--33-PASS



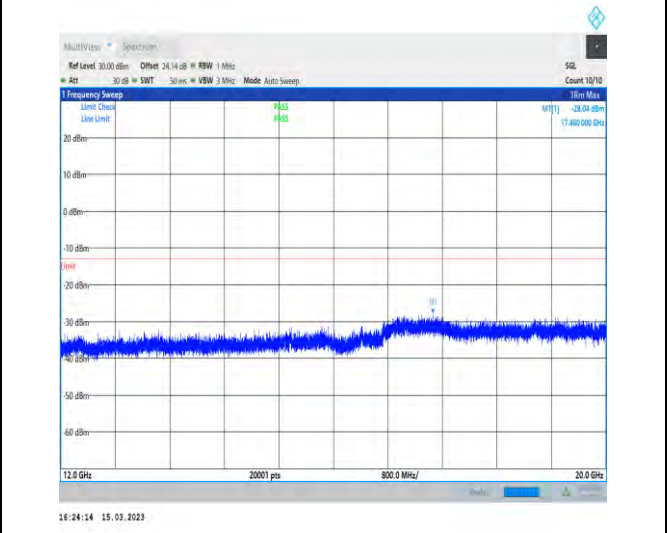
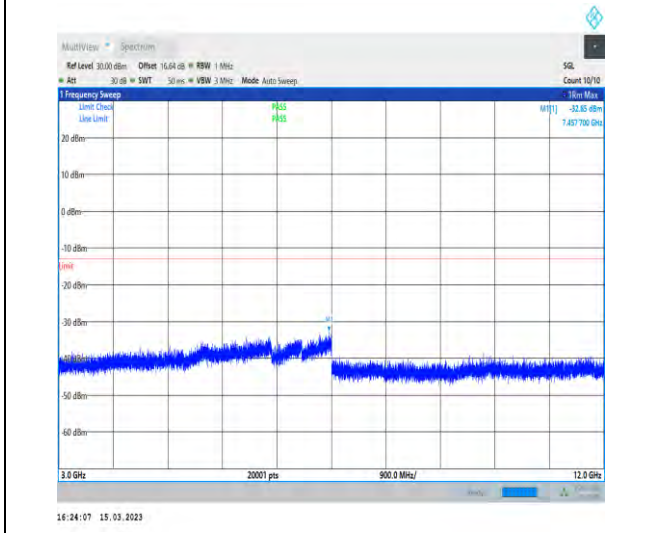
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1-N25-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-30-1000-Ant1-34.37--49.67--23-PASS

1-N25-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-1000-3000-Ant1-2853.00--39.07--13-PASS



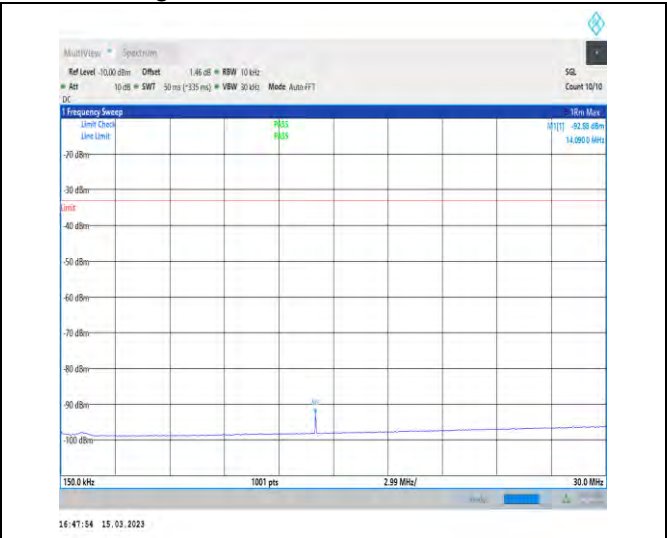
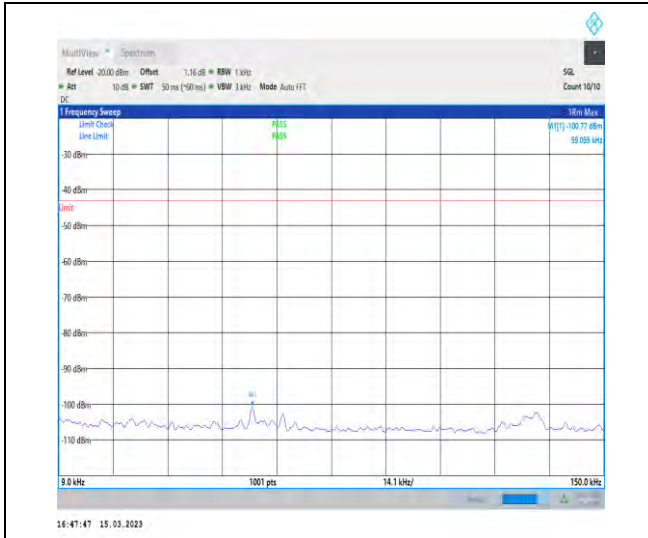
1-N25-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-3000-12000-Ant1-7457.70--32.85--13-PAS S

1-N25-PC3-15-20-M-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-12000-20000-Ant1-17460.00--28.04--13-PASS



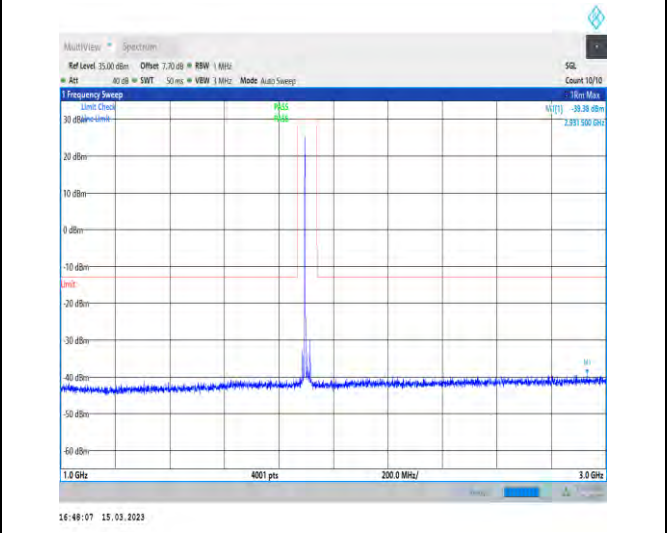
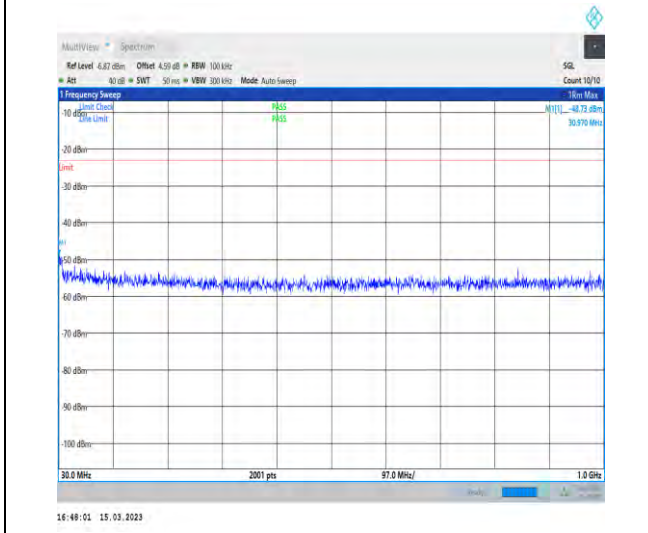
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1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-0.009-0.15-Ant1-0.06--100.77--43-PASS

1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-0.15-30-Ant1-14.09--92.88--33-PASS



1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L eft-1@1-30-1000-Ant1-30.97--48.73--23-PASS

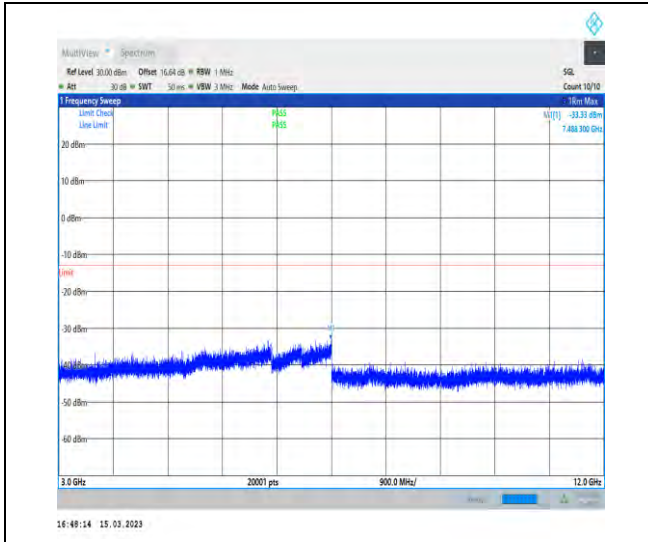
1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_Lef t-1@1-1000-3000-Ant1-2931.50--39.38--13-PASS



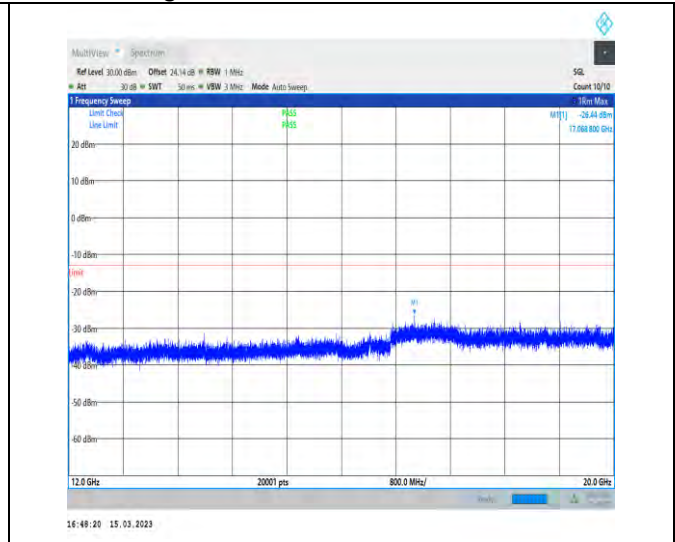
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1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L
eft-1@1-3000-12000-Ant1-7488.30--33.33--13-PAS
S



1-N25-PC3-15-20-H-1-DFT-PI2BPSK-Inner_1RB_L ef
t-1@1-12000-20000-Ant1-17068.80--26.44--13-PASS



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Field Strength of Spurious Radiation

Test Band = SA Band25_20MHz_TM1

Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3701.25 | 46.11 | -45.51 | 29.97 | -64.68 | -13.00 | 51.68 | 129 | 44 | Horizontal |
| 2 | 5551.5 | 45.91 | -45.15 | 32.97 | -61.54 | -13.00 | 48.54 | 226 | 104 | Horizontal |
| 3 | 7408.3600 | 39.66 | -43.39 | 36.49 | -62.50 | -13.00 | 49.50 | 138 | 314 | Horizontal |
| 4 | 9260.4500 | 36.56 | -40.23 | 38.39 | -60.55 | -13.00 | 47.55 | 259 | 164 | Horizontal |
| 5 | 11112.5400 | 32.80 | -37.90 | 39.09 | -61.26 | -13.00 | 48.26 | 174 | 150 | Horizontal |
| 6 | 12964.6300 | 31.81 | -37.25 | 39.80 | -60.91 | -13.00 | 47.91 | 201 | 330 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3701.25 | 49.77 | -45.51 | 29.97 | -61.02 | -13.00 | 48.02 | 255 | 356 | Vertical |
| 2 | 5552.25 | 48.54 | -45.15 | 32.97 | -58.90 | -13.00 | 45.90 | 174 | 225 | Vertical |
| 3 | 7408.3600 | 39.64 | -43.39 | 36.49 | -62.52 | -13.00 | 49.52 | 192 | 1 | Vertical |
| 4 | 9260.4500 | 36.75 | -40.23 | 38.39 | -60.36 | -13.00 | 47.36 | 216 | 178 | Vertical |
| 5 | 11112.5400 | 32.34 | -37.90 | 39.09 | -61.72 | -13.00 | 48.72 | 235 | 1 | Vertical |
| 6 | 12964.6300 | 31.88 | -37.25 | 39.80 | -60.84 | -13.00 | 47.84 | 288 | 178 | Vertical |



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Report No.: SEWA2303000029RG02

Rev.: 01

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Test Band = SA Band25_20MHz_TM1

Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3729.1800 | 41.53 | -45.62 | 30.08 | -69.28 | -13.00 | 56.28 | 158 | 178 | Horizontal |
| 2 | 5593.7700 | 40.23 | -45.08 | 33.01 | -67.10 | -13.00 | 54.10 | 281 | 208 | Horizontal |
| 3 | 7458.3600 | 39.06 | -43.25 | 36.46 | -62.99 | -13.00 | 49.99 | 243 | 208 | Horizontal |
| 4 | 9322.9500 | 36.12 | -40.13 | 38.43 | -60.84 | -13.00 | 47.84 | 163 | 133 | Horizontal |
| 5 | 11187.5400 | 33.02 | -37.46 | 39.11 | -60.59 | -13.00 | 47.59 | 293 | 0 | Horizontal |
| 6 | 13052.1300 | 30.91 | -37.16 | 39.85 | -61.65 | -13.00 | 48.65 | 252 | 194 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3729.1800 | 41.11 | -45.62 | 30.08 | -69.70 | -13.00 | 56.70 | 271 | 151 | Vertical |
| 2 | 5593.7700 | 40.02 | -45.08 | 33.01 | -67.31 | -13.00 | 54.31 | 144 | 243 | Vertical |
| 3 | 7458.3600 | 39.26 | -43.25 | 36.46 | -62.79 | -13.00 | 49.79 | 203 | 357 | Vertical |
| 4 | 9322.9500 | 36.87 | -40.13 | 38.43 | -60.09 | -13.00 | 47.09 | 296 | 89 | Vertical |
| 5 | 11187.5400 | 32.76 | -37.46 | 39.11 | -60.85 | -13.00 | 47.85 | 232 | 347 | Vertical |
| 6 | 13052.1300 | 31.99 | -37.16 | 39.85 | -60.57 | -13.00 | 47.57 | 281 | 2 | Vertical |



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Report No.: SEWA2303000029RG02

Rev.: 01

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Test Band = SA Band25_20MHz_TM1

Test Channel = High

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3754.1800 | 41.45 | -45.73 | 30.17 | -69.37 | -13.00 | 56.37 | 144 | 225 | Horizontal |
| 2 | 5631.2700 | 39.91 | -45.00 | 33.14 | -67.21 | -13.00 | 54.21 | 251 | 0 | Horizontal |
| 3 | 7508.3600 | 39.79 | -43.12 | 36.44 | -62.16 | -13.00 | 49.16 | 186 | 151 | Horizontal |
| 4 | 9385.4500 | 35.36 | -39.89 | 38.48 | -61.31 | -13.00 | 48.31 | 239 | 165 | Horizontal |
| 5 | 11262.5400 | 32.97 | -37.41 | 39.11 | -60.59 | -13.00 | 47.59 | 255 | 151 | Horizontal |
| 6 | 13139.6300 | 31.13 | -37.08 | 39.89 | -61.32 | -13.00 | 48.32 | 184 | 225 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3726 | 44.46 | -45.61 | 30.06 | -66.35 | -13.00 | 53.35 | 288 | 0 | Vertical |
| 2 | 5589.75 | 46.24 | -45.09 | 33.01 | -61.10 | -13.00 | 48.10 | 197 | 86 | Vertical |
| 3 | 7508.3600 | 38.31 | -43.12 | 36.44 | -63.64 | -13.00 | 50.64 | 156 | 2 | Vertical |
| 4 | 9385.4500 | 34.73 | -39.89 | 38.48 | -61.94 | -13.00 | 48.94 | 210 | 208 | Vertical |
| 5 | 11262.5400 | 32.55 | -37.41 | 39.11 | -61.01 | -13.00 | 48.01 | 162 | 254 | Vertical |
| 6 | 13139.6300 | 30.41 | -37.08 | 39.89 | -62.04 | -13.00 | 49.04 | 247 | 132 | Vertical |



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Report No.: SEWA2303000029RG02

Rev.: 01

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Test Band = NSA 2A_n25A_TM1

Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4071.75 | 41.14 | -45.84 | 30.91 | -69.05 | -13.00 | 56.05 | 129 | 152 | Horizontal |
| 2 | 5551.5 | 40.05 | -45.15 | 32.97 | -67.40 | -13.00 | 54.40 | 248 | 318 | Horizontal |
| 3 | 7153.5 | 37.74 | -43.79 | 36.48 | -64.83 | -13.00 | 51.83 | 244 | 20 | Horizontal |
| 4 | 9435.75 | 32.56 | -39.97 | 38.48 | -64.19 | -13.00 | 51.19 | 156 | 138 | Horizontal |
| 5 | 11441.25 | 25.53 | -37.35 | 39.06 | -68.01 | -13.00 | 55.01 | 235 | 228 | Horizontal |
| 6 | 14502 | 23.28 | -34.85 | 40.01 | -66.82 | -13.00 | 53.82 | 124 | 152 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4109.25 | 41.01 | -45.76 | 30.96 | -69.05 | -13.00 | 56.05 | 213 | 347 | Vertical |
| 2 | 4843.5 | 45.11 | -45.54 | 32.44 | -63.24 | -13.00 | 50.24 | 209 | 50 | Vertical |
| 3 | 7656 | 39.47 | -43.04 | 36.50 | -62.33 | -13.00 | 49.33 | 164 | 274 | Vertical |
| 4 | 9485.25 | 33.09 | -40.17 | 38.47 | -63.87 | -13.00 | 50.87 | 250 | 199 | Vertical |
| 5 | 11224.5 | 26.74 | -37.40 | 39.11 | -66.81 | -13.00 | 53.81 | 134 | 243 | Vertical |
| 6 | 13767.75 | 25.37 | -36.32 | 39.99 | -66.22 | -13.00 | 53.22 | 175 | 257 | Vertical |



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Test Band = NSA 2A_n25A_TM1

Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4737 | 39.94 | -45.58 | 32.13 | -68.77 | -13.00 | 55.77 | 169 | 360 | Horizontal |
| 2 | 6631.5 | 39.69 | -44.18 | 35.50 | -64.25 | -13.00 | 51.25 | 240 | 3 | Horizontal |
| 3 | 8448.75 | 35.45 | -41.53 | 37.43 | -63.91 | -13.00 | 50.91 | 132 | 224 | Horizontal |
| 4 | 10834.5 | 25.48 | -38.33 | 39.19 | -68.92 | -13.00 | 55.92 | 142 | 253 | Horizontal |
| 5 | 12927 | 24.72 | -37.17 | 39.76 | -67.95 | -13.00 | 54.95 | 144 | 268 | Horizontal |
| 6 | 15189.75 | 23.06 | -34.03 | 38.96 | -67.26 | -13.00 | 54.26 | 289 | 118 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3585.75 | 42.35 | -46.15 | 29.60 | -69.46 | -13.00 | 56.46 | 126 | 1 | Vertical |
| 2 | 4912.5 | 40.94 | -45.54 | 32.64 | -67.23 | -13.00 | 54.23 | 234 | 78 | Vertical |
| 3 | 6579 | 39.67 | -44.40 | 35.35 | -64.64 | -13.00 | 51.64 | 278 | 331 | Vertical |
| 4 | 8937 | 34.36 | -41.15 | 38.16 | -63.89 | -13.00 | 50.89 | 144 | 1 | Vertical |
| 5 | 12207 | 25.17 | -37.48 | 39.13 | -68.45 | -13.00 | 55.45 | 210 | 301 | Vertical |
| 6 | 15157.5 | 23.24 | -34.36 | 39.01 | -67.37 | -13.00 | 54.37 | 235 | 213 | Vertical |



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Test Band = NSA 2A_n25A_TM1

Test Channel = High

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4323 | 41.23 | -45.60 | 31.35 | -68.28 | -13.00 | 55.28 | 124 | 296 | Horizontal |
| 2 | 6273.75 | 38.98 | -44.60 | 34.35 | -66.52 | -13.00 | 53.52 | 189 | 360 | Horizontal |
| 3 | 8064 | 33.88 | -41.72 | 37.03 | -66.06 | -13.00 | 53.06 | 253 | 296 | Horizontal |
| 4 | 9632.25 | 30.74 | -39.60 | 38.40 | -65.71 | -13.00 | 52.71 | 264 | 4 | Horizontal |
| 5 | 12846 | 24.59 | -36.96 | 39.68 | -67.95 | -13.00 | 54.95 | 172 | 237 | Horizontal |
| 6 | 15157.5 | 23.41 | -34.36 | 39.01 | -67.20 | -13.00 | 54.20 | 201 | 74 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3762.75 | 40.82 | -45.76 | 30.20 | -70.01 | -13.00 | 57.01 | 219 | 140 | Vertical |
| 2 | 4843.5 | 45.17 | -45.54 | 32.44 | -63.18 | -13.00 | 50.18 | 256 | 50 | Vertical |
| 3 | 7656 | 38.56 | -43.04 | 36.50 | -63.24 | -13.00 | 50.24 | 234 | 274 | Vertical |
| 4 | 9513.75 | 32.99 | -40.15 | 38.46 | -63.96 | -13.00 | 50.96 | 287 | 347 | Vertical |
| 5 | 11448 | 25.94 | -37.34 | 39.06 | -67.60 | -13.00 | 54.60 | 145 | 154 | Vertical |
| 6 | 14625 | 23.74 | -35.13 | 39.91 | -66.75 | -13.00 | 53.75 | 201 | 34 | Vertical |



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Test Band = NSA 12A_n25A_TM1

Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3578.25 | 42.21 | -46.16 | 29.59 | -69.62 | -13.00 | 56.62 | 297 | 316 | Horizontal |
| 2 | 4737.75 | 40.50 | -45.58 | 32.13 | -68.21 | -13.00 | 55.21 | 248 | 168 | Horizontal |
| 3 | 7147.5 | 37.94 | -43.83 | 36.46 | -64.69 | -13.00 | 51.69 | 256 | 92 | Horizontal |
| 4 | 8930.25 | 34.03 | -41.17 | 38.16 | -64.24 | -13.00 | 51.24 | 123 | 92 | Horizontal |
| 5 | 11142 | 26.60 | -37.73 | 39.10 | -67.29 | -13.00 | 54.29 | 238 | 4 | Horizontal |
| 6 | 13338 | 24.67 | -36.66 | 40.08 | -67.17 | -13.00 | 54.17 | 301 | 152 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4022.25 | 41.66 | -45.98 | 30.83 | -68.74 | -13.00 | 55.74 | 284 | 242 | Vertical |
| 2 | 5704.5 | 39.59 | -44.85 | 33.40 | -67.11 | -13.00 | 54.11 | 172 | 242 | Vertical |
| 3 | 9003 | 33.43 | -40.98 | 38.20 | -64.61 | -13.00 | 51.61 | 216 | 64 | Vertical |
| 4 | 10353.75 | 28.00 | -39.05 | 38.85 | -67.46 | -13.00 | 54.46 | 210 | 136 | Vertical |
| 5 | 12216 | 25.41 | -37.48 | 39.13 | -68.20 | -13.00 | 55.20 | 192 | 182 | Vertical |
| 6 | 13842 | 25.01 | -36.00 | 40.00 | -66.25 | -13.00 | 53.25 | 143 | 256 | Vertical |



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Test Band = NSA 12A_n25A_TM1

Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 6033 | 39.81 | -44.70 | 34.14 | -66.01 | -13.00 | 53.01 | 216 | 59 | Horizontal |
| 2 | 8580 | 33.77 | -41.39 | 37.71 | -65.17 | -13.00 | 52.17 | 239 | 59 | Horizontal |
| 3 | 10288.5 | 28.23 | -39.14 | 38.83 | -67.34 | -13.00 | 54.34 | 277 | 268 | Horizontal |
| 4 | 12212.25 | 25.17 | -37.48 | 39.13 | -68.44 | -13.00 | 55.44 | 145 | 350 | Horizontal |
| 5 | 13824 | 25.15 | -36.17 | 39.98 | -66.30 | -13.00 | 53.30 | 182 | 360 | Horizontal |
| 6 | 15867.75 | 24.26 | -33.88 | 38.08 | -66.80 | -13.00 | 53.80 | 109 | 311 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4843.5 | 44.57 | -45.54 | 32.44 | -63.78 | -13.00 | 50.78 | 139 | 49 | Vertical |
| 2 | 6333 | 38.86 | -44.50 | 34.48 | -66.42 | -13.00 | 53.42 | 284 | 185 | Vertical |
| 3 | 9378 | 31.40 | -39.92 | 38.47 | -65.30 | -13.00 | 52.30 | 156 | 0 | Vertical |
| 4 | 11141.25 | 26.53 | -37.73 | 39.10 | -67.36 | -13.00 | 54.36 | 247 | 4 | Vertical |
| 5 | 13363.5 | 24.22 | -36.52 | 40.11 | -67.45 | -13.00 | 54.45 | 144 | 21 | Vertical |
| 6 | 16416.75 | 26.01 | -34.38 | 37.75 | -65.88 | -13.00 | 52.88 | 286 | 154 | Vertical |



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Test Band = NSA 12A_n25A_TM1

Test Channel = High

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4843.5 | 42.11 | -45.54 | 32.44 | -66.24 | -13.00 | 53.24 | 186 | 352 | Horizontal |
| 2 | 6439.5 | 39.39 | -44.49 | 34.78 | -65.58 | -13.00 | 52.58 | 294 | 313 | Horizontal |
| 3 | 8572.5 | 34.06 | -41.41 | 37.69 | -64.92 | -13.00 | 51.92 | 273 | 360 | Horizontal |
| 4 | 10716.75 | 26.65 | -38.00 | 39.15 | -67.46 | -13.00 | 54.46 | 166 | 4 | Horizontal |
| 5 | 13389 | 24.16 | -36.37 | 40.14 | -67.34 | -13.00 | 54.34 | 241 | 165 | Horizontal |
| 6 | 16464 | 26.33 | -34.07 | 37.85 | -65.15 | -13.00 | 52.15 | 215 | 285 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4407 | 41.35 | -45.81 | 31.52 | -68.21 | -13.00 | 55.21 | 126 | 77 | Vertical |
| 2 | 4843.5 | 44.42 | -45.54 | 32.44 | -63.93 | -13.00 | 50.93 | 263 | 48 | Vertical |
| 3 | 6676.5 | 38.88 | -43.94 | 35.59 | -64.72 | -13.00 | 51.72 | 284 | 91 | Vertical |
| 4 | 8383.5 | 34.52 | -41.54 | 37.31 | -64.97 | -13.00 | 51.97 | 271 | 108 | Vertical |
| 5 | 9673.5 | 29.51 | -39.50 | 38.36 | -66.89 | -13.00 | 53.89 | 244 | 196 | Vertical |
| 6 | 13929 | 23.54 | -35.53 | 40.08 | -67.17 | -13.00 | 54.17 | 150 | 136 | Vertical |



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Test Band = NSA 7A_n25A_TM1

Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4843.5 | 42.28 | -45.54 | 32.44 | -66.07 | -13.00 | 53.07 | 293 | 272 | Horizontal |
| 2 | 7017.75 | 38.94 | -43.67 | 36.13 | -63.86 | -13.00 | 50.86 | 175 | 347 | Horizontal |
| 3 | 8946 | 33.91 | -41.13 | 38.17 | -64.31 | -13.00 | 51.31 | 165 | 331 | Horizontal |
| 4 | 10711.5 | 26.65 | -37.96 | 39.15 | -67.42 | -13.00 | 54.42 | 248 | 122 | Horizontal |
| 5 | 12914.25 | 25.63 | -37.14 | 39.74 | -67.03 | -13.00 | 54.03 | 162 | 4 | Horizontal |
| 6 | 16815.75 | 26.14 | -34.33 | 38.40 | -65.05 | -13.00 | 52.05 | 162 | 258 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4432.5 | 40.74 | -45.78 | 31.54 | -68.76 | -13.00 | 55.76 | 196 | 1 | Vertical |
| 2 | 4923.75 | 41.72 | -45.56 | 32.67 | -66.43 | -13.00 | 53.43 | 237 | 316 | Vertical |
| 3 | 7200 | 37.32 | -43.42 | 36.60 | -64.76 | -13.00 | 51.76 | 184 | 169 | Vertical |
| 4 | 8931.75 | 34.56 | -41.16 | 38.16 | -63.70 | -13.00 | 50.70 | 155 | 316 | Vertical |
| 5 | 12795 | 25.55 | -36.82 | 39.62 | -66.91 | -13.00 | 53.91 | 264 | 123 | Vertical |
| 6 | 15156.75 | 24.19 | -34.37 | 39.01 | -66.43 | -13.00 | 53.43 | 174 | 332 | Vertical |



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Report No.: SEWA2303000029RG02

Rev.: 01

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Test Band = NSA 7A_n25A_TM1

Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3734.25 | 40.59 | -45.64 | 30.09 | -70.22 | -13.00 | 57.22 | 159 | 207 | Horizontal |
| 2 | 4749 | 40.34 | -45.57 | 32.16 | -68.33 | -13.00 | 55.33 | 263 | 28 | Horizontal |
| 3 | 6183 | 39.64 | -44.71 | 34.19 | -66.13 | -13.00 | 53.13 | 274 | 350 | Horizontal |
| 4 | 9094.5 | 31.95 | -40.39 | 38.27 | -65.43 | -13.00 | 52.43 | 185 | 350 | Horizontal |
| 5 | 11346.75 | 26.76 | -37.40 | 39.11 | -66.79 | -13.00 | 53.79 | 151 | 73 | Horizontal |
| 6 | 13701 | 24.79 | -36.16 | 40.05 | -66.58 | -13.00 | 53.58 | 242 | 340 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4078.5 | 40.92 | -45.82 | 30.92 | -69.24 | -13.00 | 56.24 | 187 | 303 | Vertical |
| 2 | 5553.75 | 39.96 | -45.15 | 32.97 | -67.48 | -13.00 | 54.48 | 149 | 347 | Vertical |
| 3 | 8856.75 | 33.13 | -41.24 | 38.11 | -65.26 | -13.00 | 52.26 | 256 | 79 | Vertical |
| 4 | 10367.25 | 27.93 | -39.04 | 38.85 | -67.51 | -13.00 | 54.51 | 243 | 317 | Vertical |
| 5 | 12186.75 | 25.60 | -37.47 | 39.12 | -68.01 | -13.00 | 55.01 | 185 | 139 | Vertical |
| 6 | 16323.75 | 25.71 | -34.60 | 37.68 | -66.46 | -13.00 | 53.46 | 162 | 0 | Vertical |



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Test Band = NSA 7A_n25A_TM1

Test Channel = High

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3869.25 | 41.38 | -46.17 | 30.49 | -69.56 | -13.00 | 56.56 | 249 | 296 | Horizontal |
| 2 | 4843.5 | 42.21 | -45.54 | 32.44 | -66.14 | -13.00 | 53.14 | 256 | 44 | Horizontal |
| 3 | 6747.75 | 38.97 | -43.98 | 35.74 | -64.54 | -13.00 | 51.54 | 243 | 74 | Horizontal |
| 4 | 9486.75 | 32.74 | -40.18 | 38.47 | -64.23 | -13.00 | 51.23 | 152 | 147 | Horizontal |
| 5 | 12015 | 24.67 | -37.59 | 38.98 | -69.19 | -13.00 | 56.19 | 175 | 88 | Horizontal |
| 6 | 12782.25 | 25.66 | -36.80 | 39.60 | -66.80 | -13.00 | 53.80 | 250 | 74 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4005 | 41.26 | -46.03 | 30.81 | -69.22 | -13.00 | 56.22 | 194 | 0 | Vertical |
| 2 | 4926 | 41.43 | -45.56 | 32.67 | -66.72 | -13.00 | 53.72 | 286 | 0 | Vertical |
| 3 | 6997.5 | 38.85 | -43.56 | 36.08 | -63.90 | -13.00 | 50.90 | 235 | 3 | Vertical |
| 4 | 12324 | 24.76 | -37.45 | 39.09 | -68.85 | -13.00 | 55.85 | 302 | 0 | Vertical |
| 5 | 15158.25 | 23.43 | -34.35 | 39.01 | -67.17 | -13.00 | 54.17 | 167 | 244 | Vertical |
| 6 | 16456.5 | 26.69 | -34.12 | 37.84 | -64.86 | -13.00 | 51.86 | 180 | 138 | Vertical |



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Test Band = NR CA 7A_n25A_TM1
Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3954.75 | 43.07 | -46.15 | 30.69 | -67.64 | -25.00 | 42.64 | 155 | 168 | Horizontal |
| 2 | 5001 | 49.48 | -45.64 | 32.88 | -58.54 | -25.00 | 33.54 | 146 | 242 | Horizontal |
| 3 | 7501.5 | 51.33 | -43.14 | 36.44 | -50.63 | -25.00 | 25.63 | 195 | 242 | Horizontal |
| 4 | 8587.5 | 36.29 | -41.37 | 37.72 | -62.61 | -25.00 | 37.61 | 185 | 92 | Horizontal |
| 5 | 11349.75 | 28.76 | -37.40 | 39.11 | -64.79 | -25.00 | 39.79 | 142 | 347 | Horizontal |
| 6 | 13844.25 | 26.59 | -35.98 | 40.00 | -64.65 | -25.00 | 39.65 | 173 | 0 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3922.5 | 42.83 | -46.23 | 30.62 | -68.04 | -25.00 | 43.04 | 126 | 0 | Vertical |
| 2 | 4843.5 | 48.69 | -45.54 | 32.44 | -59.66 | -25.00 | 34.66 | 155 | 46 | Vertical |
| 3 | 6011.25 | 41.56 | -44.79 | 34.13 | -64.35 | -25.00 | 39.35 | 142 | 356 | Vertical |
| 4 | 7501.5 | 53.31 | -43.14 | 36.44 | -48.65 | -25.00 | 23.65 | 136 | 182 | Vertical |
| 5 | 9462.75 | 34.40 | -40.08 | 38.47 | -62.47 | -25.00 | 37.47 | 259 | 0 | Vertical |
| 6 | 11406 | 28.14 | -37.37 | 39.10 | -65.38 | -25.00 | 40.38 | 199 | 196 | Vertical |



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Test Band = NR CA 7A_n25A_TM1

Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3953.25 | 43.06 | -46.15 | 30.69 | -67.66 | -25.00 | 42.66 | 258 | 9 | Horizontal |
| 2 | 4760.25 | 42.16 | -45.56 | 32.20 | -66.47 | -25.00 | 41.47 | 174 | 272 | Horizontal |
| 3 | 8009.25 | 36.94 | -42.26 | 37.01 | -63.57 | -25.00 | 38.57 | 159 | 136 | Horizontal |
| 4 | 10356.75 | 30.05 | -39.04 | 38.85 | -65.41 | -25.00 | 40.41 | 196 | 272 | Horizontal |
| 5 | 11961 | 25.49 | -37.42 | 38.93 | -68.27 | -25.00 | 43.27 | 152 | 9 | Horizontal |
| 6 | 14616 | 24.98 | -35.19 | 39.92 | -65.55 | -25.00 | 40.55 | 153 | 257 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3975.75 | 42.46 | -46.10 | 30.74 | -68.16 | -25.00 | 43.16 | 125 | 272 | Vertical |
| 2 | 5976.75 | 41.36 | -44.86 | 34.09 | -64.68 | -25.00 | 39.68 | 155 | 314 | Vertical |
| 3 | 7656 | 39.62 | -43.04 | 36.50 | -62.18 | -25.00 | 37.18 | 163 | 224 | Vertical |
| 4 | 9623.25 | 32.49 | -39.62 | 38.41 | -63.97 | -25.00 | 38.97 | 144 | 16 | Vertical |
| 5 | 12884.25 | 26.82 | -37.07 | 39.71 | -65.79 | -25.00 | 40.79 | 199 | 240 | Vertical |
| 6 | 14499 | 24.42 | -34.84 | 40.01 | -65.67 | -25.00 | 40.67 | 182 | 120 | Vertical |



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Test Band = NR CA 7A_n25A_TM1

Test Channel = High

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 4274.25 | 42.02 | -45.60 | 31.25 | -67.59 | -25.00 | 42.59 | 254 | 77 | Horizontal |
| 2 | 5084.25 | 41.70 | -45.41 | 32.93 | -66.05 | -25.00 | 41.05 | 126 | 0 | Horizontal |
| 3 | 7831.5 | 37.18 | -42.47 | 36.82 | -63.73 | -25.00 | 38.73 | 199 | 183 | Horizontal |
| 4 | 10677 | 27.83 | -38.02 | 39.12 | -66.32 | -25.00 | 41.32 | 148 | 0 | Horizontal |
| 5 | 12192 | 26.43 | -37.48 | 39.12 | -67.18 | -25.00 | 42.18 | 175 | 357 | Horizontal |
| 6 | 15342.75 | 24.99 | -34.02 | 38.78 | -65.51 | -25.00 | 40.51 | 153 | 0 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 3213.75 | 43.16 | -45.83 | 29.66 | -68.27 | -25.00 | 43.27 | 245 | 8 | Vertical |
| 2 | 4930.5 | 42.87 | -45.56 | 32.69 | -65.27 | -25.00 | 40.27 | 169 | 151 | Vertical |
| 3 | 6480.75 | 40.59 | -44.57 | 34.95 | -64.29 | -25.00 | 39.29 | 125 | 0 | Vertical |
| 4 | 8498.25 | 36.83 | -41.62 | 37.54 | -62.51 | -25.00 | 37.51 | 188 | 182 | Vertical |
| 5 | 10095 | 30.47 | -39.13 | 38.64 | -65.27 | -25.00 | 40.27 | 149 | 3 | Vertical |
| 6 | 12771.75 | 26.38 | -36.79 | 39.58 | -66.09 | -25.00 | 41.09 | 175 | 122 | Vertical |



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Test Band = NR CA 12A_n25A_TM1

Test Channel = Low

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 2085.7143 | 44.52 | -47.74 | 26.94 | -71.54 | -13.00 | 58.54 | 215 | 177 | Horizontal |
| 2 | 3000.5714 | 43.38 | -46.52 | 29.35 | -69.05 | -13.00 | 56.05 | 211 | 151 | Horizontal |
| 3 | 3837.1429 | 41.53 | -46.19 | 30.42 | -69.50 | -13.00 | 56.50 | 136 | 0 | Horizontal |
| 4 | 4719.4286 | 40.92 | -45.77 | 32.07 | -68.03 | -13.00 | 55.03 | 256 | 126 | Horizontal |
| 5 | 6416.5714 | 40.11 | -44.73 | 34.69 | -65.19 | -13.00 | 52.19 | 291 | 20 | Horizontal |
| 6 | 7053.1429 | 38.58 | -43.92 | 36.22 | -64.38 | -13.00 | 51.38 | 147 | 0 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1718.8571 | 59.56 | -48.12 | 25.40 | -58.42 | -13.00 | 45.42 | 256 | 182 | Vertical |
| 2 | 1874.8571 | 44.83 | -48.02 | 25.88 | -72.57 | -13.00 | 59.57 | 142 | 196 | Vertical |
| 3 | 2417.1429 | 43.74 | -47.42 | 27.50 | -71.44 | -13.00 | 58.44 | 136 | 360 | Vertical |
| 4 | 3030.8571 | 43.68 | -46.59 | 29.40 | -68.77 | -13.00 | 55.77 | 261 | 221 | Vertical |
| 5 | 3584 | 42.82 | -46.37 | 29.60 | -69.22 | -13.00 | 56.22 | 148 | 221 | Vertical |
| 6 | 4844 | 49.14 | -45.61 | 32.44 | -59.29 | -13.00 | 46.29 | 195 | 50 | Vertical |



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Test Band = NR CA 12A_n25A_TM1

Test Channel = Mid

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1472 | 55.80 | -48.23 | 25.52 | -62.17 | -13.00 | 49.17 | 256 | 32 | Horizontal |
| 2 | 1718.8571 | 56.70 | -48.12 | 25.40 | -61.28 | -13.00 | 48.28 | 136 | 59 | Horizontal |
| 3 | 3125.1429 | 49.73 | -46.63 | 29.56 | -62.61 | -13.00 | 49.61 | 221 | 164 | Horizontal |
| 4 | 4589.1429 | 41.39 | -45.77 | 31.70 | -67.94 | -13.00 | 54.94 | 184 | 216 | Horizontal |
| 5 | 4843.4286 | 45.25 | -45.61 | 32.44 | -63.18 | -13.00 | 50.18 | 185 | 32 | Horizontal |
| 6 | 5762.2857 | 40.57 | -44.63 | 33.61 | -65.70 | -13.00 | 52.70 | 176 | 216 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 2338.2857 | 43.43 | -47.48 | 27.41 | -71.90 | -13.00 | 58.90 | 254 | 4 | Vertical |
| 2 | 2829.7143 | 43.52 | -46.82 | 28.61 | -69.95 | -13.00 | 56.95 | 136 | 130 | Vertical |
| 3 | 3519.4286 | 43.34 | -46.50 | 29.54 | -68.88 | -13.00 | 55.88 | 288 | 183 | Vertical |
| 4 | 4438.2857 | 41.50 | -45.78 | 31.55 | -67.99 | -13.00 | 54.99 | 142 | 157 | Vertical |
| 5 | 5567.4286 | 40.61 | -45.23 | 32.98 | -66.89 | -13.00 | 53.89 | 199 | 183 | Vertical |
| 6 | 6607.4286 | 39.66 | -44.46 | 35.45 | -64.60 | -13.00 | 51.60 | 144 | 38 | Vertical |



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Test Band = NR CA 12A_n25A_TM1

Test Channel = High

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|------------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 1841.7143 | 44.02 | -47.99 | 25.68 | -73.55 | -13.00 | 60.55 | 216 | 138 | Horizontal |
| 2 | 2192.5714 | 43.99 | -47.68 | 27.31 | -71.64 | -13.00 | 58.64 | 154 | 138 | Horizontal |
| 3 | 2870.2857 | 43.46 | -46.67 | 28.79 | -69.69 | -13.00 | 56.69 | 126 | 124 | Horizontal |
| 4 | 3762.8571 | 41.32 | -46.16 | 30.20 | -69.90 | -13.00 | 56.90 | 136 | 0 | Horizontal |
| 5 | 5156.5714 | 40.61 | -45.16 | 32.97 | -66.84 | -13.00 | 53.84 | 258 | 307 | Horizontal |
| 6 | 6416.5714 | 39.39 | -44.73 | 34.69 | -65.91 | -13.00 | 52.91 | 199 | 0 | Horizontal |

| Final Data List | | | | | | | | | | |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|-------------|-----------|----------|
| NO. | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Height [cm] | Angle [°] | Polarity |
| 1 | 2187.4286 | 44.10 | -47.68 | 27.30 | -71.55 | -13.00 | 58.55 | 255 | 287 | Vertical |
| 2 | 2730.2857 | 44.01 | -47.01 | 28.35 | -69.91 | -13.00 | 56.91 | 142 | 360 | Vertical |
| 3 | 3460.5714 | 43.56 | -46.54 | 29.48 | -68.76 | -13.00 | 55.76 | 136 | 117 | Vertical |
| 4 | 4104.5714 | 41.98 | -45.90 | 30.96 | -68.23 | -13.00 | 55.23 | 256 | 354 | Vertical |
| 5 | 5840 | 40.21 | -44.78 | 33.83 | -66.01 | -13.00 | 53.01 | 145 | 354 | Vertical |
| 6 | 6992 | 38.95 | -43.62 | 36.07 | -63.86 | -13.00 | 50.86 | 199 | 234 | 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

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
|------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | VH | NT | -5.700000 | -0.003028 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | VN | NT | 0.600000 | 0.000319 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | VL | NT | -3.100000 | -0.001647 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | VH | NT | -5.900000 | -0.003134 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | VN | NT | -0.600000 | -0.000319 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | VL | NT | -4.800000 | -0.002550 | PASS |

Frequency Error VS. Temperature

| Band | SCS | Bandwidth | Modulation | Channel | RB Config | Voltage | Temperature | Deviation(Hz) | Deviation (ppm) | Verdict |
|------|-----|-----------|-------------|---------|------------|---------|-------------|---------------|-----------------|---------|
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | -30 | 0.100000 | 0.000053 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | -20 | 2.800000 | 0.001487 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | -10 | 1.300000 | 0.000691 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 0 | -2.000000 | -0.001062 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 10 | -2.500000 | -0.001328 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 20 | -2.900000 | -0.001541 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 30 | -0.900000 | -0.000478 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 40 | -0.500000 | -0.000266 | PASS |
| N25 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full | NV | 50 | -0.200000 | -0.000106 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | -30 | -3.300000 | -0.001753 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | -20 | -8.100000 | -0.004303 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | -10 | -4.300000 | -0.002284 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | 0 | -1.600000 | -0.000850 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | 10 | -4.500000 | -0.002390 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | 20 | -0.900000 | -0.000478 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | 30 | -2.300000 | -0.001222 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | 40 | -3.000000 | -0.001594 | PASS |
| N25 | 15 | 20 | CP-QPSK | M | Outer_Full | NV | 50 | -6.000000 | -0.003187 | PASS |

---End of Attachment---



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