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# Appendix B.21

## NR Band n5



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

### Test Result Ant1

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config       | Power<br>(dBm) | ERP<br>(dBm) | Limit<br>(dBm) | Verdict |
|------|-----|-----------|-------------|---------|-----------------|----------------|--------------|----------------|---------|
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Left  | 24.07          | 22.62        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Right | 23.97          | 22.52        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full      | 23.81          | 22.36        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Left  | 23.88          | 22.43        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Right | 23.88          | 22.43        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Outer_Full      | 23.26          | 21.81        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Left  | 23.26          | 21.81        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Right | 23.23          | 21.78        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Outer_Full      | 22.33          | 20.88        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Left  | 21.94          | 20.49        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Right | 21.90          | 20.45        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Outer_Full      | 21.82          | 20.37        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Left  | 19.28          | 17.83        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Right | 19.24          | 17.79        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Outer_Full      | 19.73          | 18.28        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Left  | 24.08          | 22.63        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Right | 24.08          | 22.63        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full      | 23.94          | 22.49        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Left  | 23.98          | 22.53        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | M       | Inner_1RB_Right | 24.02          | 22.57        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | M       | Outer_Full      | 23.42          | 21.97        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Left  | 23.39          | 21.94        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Inner_1RB_Right | 23.34          | 21.89        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Outer_Full      | 22.46          | 21.01        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | M       | Inner_1RB_Left  | 22.09          | 20.64        | 38.45          | PASS    |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 5  | DFT-64QAM   | M | Inner_1RB_Right | 22.10 | 20.65 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | M | Outer_Full      | 21.94 | 20.49 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | M | Inner_1RB_Left  | 19.38 | 17.93 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | M | Inner_1RB_Right | 19.33 | 17.88 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | M | Outer_Full      | 19.86 | 18.41 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.18 | 22.73 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-PI2BPSK | H | Inner_1RB_Right | 24.12 | 22.67 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-PI2BPSK | H | Outer_Full      | 24.01 | 22.56 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Left  | 24.08 | 22.63 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-QPSK    | H | Inner_1RB_Right | 24.08 | 22.63 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-QPSK    | H | Outer_Full      | 23.50 | 22.05 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Left  | 23.46 | 22.01 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Right | 23.21 | 21.76 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-16QAM   | H | Outer_Full      | 22.51 | 21.06 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Left  | 22.15 | 20.7  | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Right | 21.92 | 20.47 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Outer_Full      | 22.00 | 20.55 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Left  | 19.47 | 18.02 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Right | 19.41 | 17.96 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Outer_Full      | 19.89 | 18.44 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.15 | 22.7  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.12 | 22.67 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full      | 23.87 | 22.42 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Left  | 24.10 | 22.65 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Right | 24.09 | 22.64 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Outer_Full      | 23.39 | 21.94 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Left  | 23.33 | 21.88 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Right | 23.31 | 21.86 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Outer_Full      | 22.37 | 20.92 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Left  | 22.00 | 20.55 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Right | 21.95 | 20.5  | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 10 | DFT-64QAM   | L | Outer_Full      | 21.91 | 20.46 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Left  | 19.24 | 17.79 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Right | 19.27 | 17.82 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Outer_Full      | 19.82 | 18.37 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.14 | 22.69 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.18 | 22.73 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full      | 23.94 | 22.49 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Left  | 24.08 | 22.63 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Right | 24.06 | 22.61 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Outer_Full      | 23.45 | 22    | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Left  | 23.35 | 21.9  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Right | 23.46 | 22.01 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Outer_Full      | 22.42 | 20.97 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Left  | 21.98 | 20.53 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Right | 22.12 | 20.67 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Outer_Full      | 21.95 | 20.5  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Left  | 19.18 | 17.73 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Right | 19.34 | 17.89 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Outer_Full      | 19.93 | 18.48 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.38 | 22.93 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.35 | 22.9  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full      | 23.98 | 22.53 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Left  | 24.10 | 22.65 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Right | 24.22 | 22.77 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Outer_Full      | 23.50 | 22.05 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 23.42 | 21.97 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 23.40 | 21.95 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Outer_Full      | 22.46 | 21.01 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 22.03 | 20.58 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 22.11 | 20.66 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Outer_Full      | 22.00 | 20.55 | 38.45 | PASS |



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| N5 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 19.31 | 17.86 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 19.33 | 17.88 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Outer_Full      | 19.92 | 18.47 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.16 | 22.71 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.29 | 22.84 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full      | 23.74 | 22.29 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Left  | 24.02 | 22.57 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Right | 24.19 | 22.74 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Outer_Full      | 23.25 | 21.8  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Left  | 23.37 | 21.92 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Right | 23.51 | 22.06 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Outer_Full      | 22.36 | 20.91 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Left  | 21.96 | 20.51 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Right | 22.17 | 20.72 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Outer_Full      | 21.85 | 20.4  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Left  | 19.30 | 17.85 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Right | 19.45 | 18    | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Outer_Full      | 19.74 | 18.29 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.02 | 22.57 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.26 | 22.81 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full      | 23.89 | 22.44 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Left  | 23.96 | 22.51 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Right | 24.18 | 22.73 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Outer_Full      | 23.40 | 21.95 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Left  | 23.20 | 21.75 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Right | 23.47 | 22.02 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Outer_Full      | 22.42 | 20.97 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Left  | 21.93 | 20.48 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Right | 22.13 | 20.68 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Outer_Full      | 21.99 | 20.54 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Left  | 19.18 | 17.73 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Right | 19.43 | 17.98 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Outer_Full      | 19.84 | 18.39 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.17 | 22.72 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.29 | 22.84 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full      | 23.85 | 22.4  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Left  | 24.08 | 22.63 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Right | 24.24 | 22.79 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Outer_Full      | 23.36 | 21.91 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Left  | 23.35 | 21.9  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Right | 23.44 | 21.99 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Outer_Full      | 22.47 | 21.02 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Left  | 21.97 | 20.52 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Right | 22.15 | 20.7  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Outer_Full      | 21.94 | 20.49 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Left  | 19.28 | 17.83 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Right | 19.45 | 18    | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Outer_Full      | 19.88 | 18.43 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left  | 24.06 | 22.61 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 24.29 | 22.84 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full      | 23.87 | 22.42 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Left  | 24.00 | 22.55 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Right | 24.12 | 22.67 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Outer_Full      | 23.37 | 21.92 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Left  | 23.27 | 21.82 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Right | 23.38 | 21.93 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Outer_Full      | 22.37 | 20.92 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Left  | 21.94 | 20.49 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Right | 22.05 | 20.6  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Outer_Full      | 21.82 | 20.37 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Left  | 19.19 | 17.74 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Right | 19.36 | 17.91 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|------|
| N5 | 15 | 20 | DFT-256QAM  | L | Outer_Full      | 19.88 | 18.43 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left  | 24.07 | 22.62 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 24.27 | 22.82 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full      | 24.04 | 22.59 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Left  | 23.99 | 22.54 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Right | 24.13 | 22.68 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Outer_Full      | 23.37 | 21.92 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 23.21 | 21.76 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 23.38 | 21.93 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Outer_Full      | 22.38 | 20.93 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 21.88 | 20.43 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 22.10 | 20.65 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Outer_Full      | 21.91 | 20.46 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 19.12 | 17.67 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 19.37 | 17.92 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Outer_Full      | 19.88 | 18.43 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 24.05 | 22.6  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 24.28 | 22.83 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full      | 23.99 | 22.54 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 23.98 | 22.53 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 24.23 | 22.78 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Outer_Full      | 23.51 | 22.06 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 23.15 | 21.7  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 23.34 | 21.89 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Outer_Full      | 22.41 | 20.96 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 21.85 | 20.4  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 22.03 | 20.58 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Outer_Full      | 21.92 | 20.47 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 19.09 | 17.64 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 19.36 | 17.91 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Outer_Full      | 19.82 | 18.37 | 38.45 | PASS |



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

## Test Result

| Band | SCS | Bandwidth | Modulation  | Channel | RB Config       | Power<br>Ant1<br>(dBm) | Power<br>Ant7<br>(dBm) | Total<br>Power<br>(dBm) | ERP<br>(dBm) | Limit<br>(dBm) | Verdict |
|------|-----|-----------|-------------|---------|-----------------|------------------------|------------------------|-------------------------|--------------|----------------|---------|
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Left  | 23.57                  | 23.93                  | 26.76                   | 25.31        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Inner_1RB_Right | 23.68                  | 24.27                  | 27                      | 25.55        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | L       | Outer_Full      | 22.23                  | 22.58                  | 25.42                   | 23.97        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Left  | 23.39                  | 23.77                  | 26.59                   | 25.14        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Inner_1RB_Right | 23.53                  | 23.98                  | 26.77                   | 25.32        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-QPSK    | L       | Outer_Full      | 22.1                   | 22.44                  | 25.28                   | 23.83        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Left  | 22.72                  | 23.12                  | 25.93                   | 24.48        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Inner_1RB_Right | 22.7                   | 22.74                  | 25.73                   | 24.28        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | L       | Outer_Full      | 21.64                  | 22.02                  | 24.84                   | 23.39        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Left  | 21.33                  | 21.8                   | 24.58                   | 23.13        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Inner_1RB_Right | 21.53                  | 21.83                  | 24.69                   | 23.24        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | L       | Outer_Full      | 21.4                   | 21.57                  | 24.5                    | 23.05        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Left  | 18.24                  | 18.47                  | 21.37                   | 19.92        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Inner_1RB_Right | 18.18                  | 18.78                  | 21.5                    | 20.05        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | L       | Outer_Full      | 18.8                   | 19.33                  | 22.08                   | 20.63        | 38.45          | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Inner_1RB_Left  | 23.4                   | 23.77                  | 26.6                    | 25.15        | 38.45          | PASS    |



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|----|----|---|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 5 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.48 | 24.08 | 26.8  | 25.35 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-PI2BPSK | M | Outer_Full      | 22    | 22.77 | 25.41 | 23.96 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-QPSK    | M | Inner_1RB_Left  | 23.86 | 24.17 | 27.03 | 25.58 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-QPSK    | M | Inner_1RB_Right | 23.84 | 24.47 | 27.18 | 25.73 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-QPSK    | M | Outer_Full      | 22.44 | 22.72 | 25.59 | 24.14 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-16QAM   | M | Inner_1RB_Left  | 22.51 | 23.12 | 25.84 | 24.39 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-16QAM   | M | Inner_1RB_Right | 22.79 | 23.11 | 25.96 | 24.51 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-16QAM   | M | Outer_Full      | 21.79 | 22.17 | 24.99 | 23.54 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-64QAM   | M | Inner_1RB_Left  | 21.53 | 21.85 | 24.7  | 23.25 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-64QAM   | M | Inner_1RB_Right | 21.33 | 21.73 | 24.54 | 23.09 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-64QAM   | M | Outer_Full      | 21.15 | 21.49 | 24.33 | 22.88 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-256QAM  | M | Inner_1RB_Left  | 18.04 | 18.73 | 21.41 | 19.96 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-256QAM  | M | Inner_1RB_Right | 18.31 | 18.77 | 21.56 | 20.11 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-256QAM  | M | Outer_Full      | 18.45 | 18.98 | 21.73 | 20.28 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.35 | 24.18 | 26.8  | 25.35 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.55 | 24.33 | 26.97 | 25.52 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-PI2BPSK | H | Outer_Full      | 22.22 | 22.81 | 25.54 | 24.09 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-QPSK    | H | Inner_1RB_Left  | 23.53 | 24.21 | 26.89 | 25.44 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-QPSK    | H | Inner_1RB_Right | 23.86 | 24.32 | 27.11 | 25.66 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-QPSK    | H | Outer_Full      | 22.16 | 22.86 | 25.53 | 24.08 | 38.45 | PASS |
| N5 | 15 | 5 | DFT-16QAM   | H | Inner_1RB_Left  | 22.29 | 23.44 | 25.91 | 24.46 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 5  | DFT-16QAM   | H | Inner_1RB_Right | 22.64 | 23.48 | 26.09 | 24.64 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-16QAM   | H | Outer_Full      | 21.38 | 22.03 | 24.73 | 23.28 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Left  | 21.47 | 21.77 | 24.63 | 23.18 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Inner_1RB_Right | 21.05 | 22.04 | 24.58 | 23.13 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-64QAM   | H | Outer_Full      | 21.3  | 21.84 | 24.59 | 23.14 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Left  | 17.89 | 18.69 | 21.32 | 19.87 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Inner_1RB_Right | 18.16 | 18.81 | 21.51 | 20.06 | 38.45 | PASS |
| N5 | 15 | 5  | DFT-256QAM  | H | Outer_Full      | 18.48 | 19.05 | 21.78 | 20.33 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.65 | 24.2  | 26.94 | 25.49 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.56 | 23.92 | 26.75 | 25.3  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | L | Outer_Full      | 22.05 | 22.25 | 25.16 | 23.71 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Left  | 23.61 | 24.32 | 26.99 | 25.54 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Inner_1RB_Right | 23.8  | 23.98 | 26.9  | 25.45 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | L | Outer_Full      | 22.1  | 22.93 | 25.55 | 24.1  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Left  | 22.89 | 23.11 | 26.01 | 24.56 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Inner_1RB_Right | 22.63 | 23.11 | 25.89 | 24.44 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | L | Outer_Full      | 21.83 | 22    | 24.93 | 23.48 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Left  | 21.37 | 21.88 | 24.64 | 23.19 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Inner_1RB_Right | 21.4  | 21.82 | 24.63 | 23.18 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | L | Outer_Full      | 21.25 | 21.72 | 24.5  | 23.05 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Left  | 18.4  | 18.36 | 21.39 | 19.94 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 10 | DFT-256QAM  | L | Inner_1RB_Right | 18.21 | 18.58 | 21.41 | 19.96 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | L | Outer_Full      | 18.77 | 19.31 | 22.06 | 20.61 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.66 | 24.15 | 26.92 | 25.47 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.55 | 24.29 | 26.95 | 25.5  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | M | Outer_Full      | 22.1  | 22.85 | 25.5  | 24.05 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Left  | 23.77 | 24.12 | 26.96 | 25.51 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Inner_1RB_Right | 24.03 | 24.4  | 27.23 | 25.78 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | M | Outer_Full      | 22.08 | 22.59 | 25.35 | 23.9  | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Left  | 22.8  | 23.18 | 26    | 24.55 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Inner_1RB_Right | 23.03 | 23.22 | 26.14 | 24.69 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | M | Outer_Full      | 21.63 | 22.34 | 25.01 | 23.56 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Left  | 21.38 | 21.92 | 24.67 | 23.22 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Inner_1RB_Right | 21.53 | 21.83 | 24.69 | 23.24 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | M | Outer_Full      | 21.08 | 21.8  | 24.47 | 23.02 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Left  | 18.14 | 18.8  | 21.49 | 20.04 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Inner_1RB_Right | 18.34 | 18.69 | 21.53 | 20.08 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | M | Outer_Full      | 18.59 | 19.34 | 21.99 | 20.54 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.66 | 24.5  | 27.11 | 25.66 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.71 | 24.36 | 27.06 | 25.61 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-PI2BPSK | H | Outer_Full      | 22.04 | 22.8  | 25.45 | 24    | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Left  | 23.48 | 24.11 | 26.82 | 25.37 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 10 | DFT-QPSK    | H | Inner_1RB_Right | 23.58 | 24.4  | 27.02 | 25.57 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-QPSK    | H | Outer_Full      | 22.05 | 22.95 | 25.53 | 24.08 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Left  | 22.73 | 23.36 | 26.07 | 24.62 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Inner_1RB_Right | 22.68 | 23.34 | 26.03 | 24.58 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-16QAM   | H | Outer_Full      | 21.67 | 22.31 | 25.01 | 23.56 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Left  | 21.26 | 21.67 | 24.48 | 23.03 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Inner_1RB_Right | 21.04 | 21.77 | 24.43 | 22.98 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-64QAM   | H | Outer_Full      | 21.07 | 22.12 | 24.64 | 23.19 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Left  | 18.16 | 18.91 | 21.56 | 20.11 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Inner_1RB_Right | 18.1  | 18.7  | 21.42 | 19.97 | 38.45 | PASS |
| N5 | 15 | 10 | DFT-256QAM  | H | Outer_Full      | 18.52 | 19.01 | 21.78 | 20.33 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.57 | 23.88 | 26.74 | 25.29 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.97 | 24.63 | 27.32 | 25.87 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | L | Outer_Full      | 21.91 | 22.6  | 25.28 | 23.83 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Left  | 23.49 | 24.15 | 26.84 | 25.39 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Inner_1RB_Right | 23.85 | 24.1  | 26.99 | 25.54 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | L | Outer_Full      | 22.11 | 22.77 | 25.46 | 24.01 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Left  | 22.73 | 23.28 | 26.02 | 24.57 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Inner_1RB_Right | 22.73 | 23.21 | 25.99 | 24.54 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | L | Outer_Full      | 21.47 | 22.24 | 24.88 | 23.43 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Left  | 21.04 | 21.99 | 24.55 | 23.1  | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 15 | DFT-64QAM   | L | Inner_1RB_Right | 21.37 | 21.92 | 24.66 | 23.21 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | L | Outer_Full      | 21.23 | 21.62 | 24.44 | 22.99 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Left  | 18.1  | 18.62 | 21.38 | 19.93 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Inner_1RB_Right | 18.2  | 18.82 | 21.53 | 20.08 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | L | Outer_Full      | 18.89 | 18.86 | 21.89 | 20.44 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.63 | 24.2  | 26.93 | 25.48 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.83 | 24.24 | 27.05 | 25.6  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | M | Outer_Full      | 22.34 | 22.49 | 25.43 | 23.98 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Left  | 23.93 | 24.44 | 27.2  | 25.75 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Inner_1RB_Right | 23.81 | 24.26 | 27.05 | 25.6  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | M | Outer_Full      | 22.57 | 22.46 | 25.53 | 24.08 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Left  | 22.73 | 23.13 | 25.94 | 24.49 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Inner_1RB_Right | 22.97 | 23.24 | 26.12 | 24.67 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | M | Outer_Full      | 21.95 | 22.1  | 25.04 | 23.59 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Left  | 21.5  | 21.77 | 24.65 | 23.2  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Inner_1RB_Right | 21.65 | 22.06 | 24.87 | 23.42 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | M | Outer_Full      | 21.49 | 21.67 | 24.59 | 23.14 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Left  | 18.16 | 18.69 | 21.44 | 19.99 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Inner_1RB_Right | 18.35 | 18.97 | 21.68 | 20.23 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | M | Outer_Full      | 18.61 | 19.15 | 21.9  | 20.45 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.8  | 24.32 | 27.08 | 25.63 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 15 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.78 | 24.24 | 27.03 | 25.58 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-PI2BPSK | H | Outer_Full      | 21.93 | 22.84 | 25.42 | 23.97 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Left  | 23.94 | 24.1  | 27.03 | 25.58 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Inner_1RB_Right | 23.64 | 24.33 | 27.01 | 25.56 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-QPSK    | H | Outer_Full      | 22.26 | 22.62 | 25.45 | 24    | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Left  | 22.85 | 23.23 | 26.05 | 24.6  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Inner_1RB_Right | 22.65 | 23.02 | 25.85 | 24.4  | 38.45 | PASS |
| N5 | 15 | 15 | DFT-16QAM   | H | Outer_Full      | 21.67 | 22.18 | 24.94 | 23.49 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Left  | 21.47 | 21.89 | 24.7  | 23.25 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Inner_1RB_Right | 21.23 | 21.84 | 24.56 | 23.11 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-64QAM   | H | Outer_Full      | 21.17 | 21.63 | 24.42 | 22.97 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Left  | 18.24 | 18.8  | 21.54 | 20.09 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Inner_1RB_Right | 18    | 18.78 | 21.42 | 19.97 | 38.45 | PASS |
| N5 | 15 | 15 | DFT-256QAM  | H | Outer_Full      | 18.61 | 19.35 | 22.01 | 20.56 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Left  | 23.82 | 23.95 | 26.9  | 25.45 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Inner_1RB_Right | 23.53 | 24.32 | 26.95 | 25.5  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | L | Outer_Full      | 22.15 | 22.86 | 25.53 | 24.08 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Left  | 23.55 | 24.09 | 26.84 | 25.39 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Inner_1RB_Right | 23.69 | 24.26 | 26.99 | 25.54 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | L | Outer_Full      | 22.48 | 22.9  | 25.71 | 24.26 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Left  | 22.81 | 23.1  | 25.97 | 24.52 | 38.45 | PASS |



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|----|----|----|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 20 | DFT-16QAM   | L | Inner_1RB_Right | 22.88 | 23.43 | 26.17 | 24.72 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | L | Outer_Full      | 21.6  | 22.08 | 24.86 | 23.41 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Left  | 21.41 | 21.75 | 24.59 | 23.14 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Inner_1RB_Right | 21.41 | 21.94 | 24.69 | 23.24 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | L | Outer_Full      | 21.14 | 21.55 | 24.36 | 22.91 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Left  | 17.99 | 18.59 | 21.31 | 19.86 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Inner_1RB_Right | 18.25 | 18.71 | 21.5  | 20.05 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | L | Outer_Full      | 18.72 | 19.05 | 21.9  | 20.45 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Left  | 23.91 | 24.15 | 27.04 | 25.59 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Inner_1RB_Right | 23.74 | 24.43 | 27.11 | 25.66 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | M | Outer_Full      | 22.42 | 22.8  | 25.62 | 24.17 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Left  | 23.73 | 24.16 | 26.96 | 25.51 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Inner_1RB_Right | 23.73 | 24.13 | 26.94 | 25.49 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | M | Outer_Full      | 22.21 | 22.68 | 25.46 | 24.01 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Left  | 22.78 | 23.22 | 26.02 | 24.57 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Inner_1RB_Right | 22.88 | 23.2  | 26.05 | 24.6  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | M | Outer_Full      | 21.78 | 22.17 | 24.99 | 23.54 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Left  | 21.22 | 21.88 | 24.57 | 23.12 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Inner_1RB_Right | 21.44 | 21.91 | 24.69 | 23.24 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | M | Outer_Full      | 21    | 21.82 | 24.44 | 22.99 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Left  | 18.1  | 18.84 | 21.5  | 20.05 | 38.45 | PASS |



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|    |    |    |             |   |                 |       |       |       |       |       |      |
|----|----|----|-------------|---|-----------------|-------|-------|-------|-------|-------|------|
| N5 | 15 | 20 | DFT-256QAM  | M | Inner_1RB_Right | 18.3  | 18.61 | 21.47 | 20.02 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | M | Outer_Full      | 18.57 | 19.29 | 21.96 | 20.51 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Left  | 23.8  | 24.18 | 27    | 25.55 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Inner_1RB_Right | 23.87 | 24.57 | 27.24 | 25.79 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-PI2BPSK | H | Outer_Full      | 21.92 | 22.63 | 25.3  | 23.85 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Left  | 23.72 | 24.46 | 27.12 | 25.67 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Inner_1RB_Right | 23.57 | 24.46 | 27.05 | 25.6  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-QPSK    | H | Outer_Full      | 22.37 | 22.71 | 25.55 | 24.1  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Left  | 22.57 | 23.16 | 25.89 | 24.44 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Inner_1RB_Right | 22.37 | 23.3  | 25.87 | 24.42 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-16QAM   | H | Outer_Full      | 21.73 | 22.21 | 24.99 | 23.54 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Left  | 21.19 | 21.68 | 24.45 | 23    | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Inner_1RB_Right | 21.14 | 21.8  | 24.49 | 23.04 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-64QAM   | H | Outer_Full      | 21.27 | 22.21 | 24.78 | 23.33 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Left  | 18    | 18.65 | 21.35 | 19.9  | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Inner_1RB_Right | 18.07 | 19.11 | 21.63 | 20.18 | 38.45 | PASS |
| N5 | 15 | 20 | DFT-256QAM  | H | Outer_Full      | 18.59 | 19.47 | 22.06 | 20.61 | 38.45 | PASS |



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## Peak-to-Average Ratio for SA

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band | SCS | Bandwidth | Modulation | Channel | RB Config  | Result | Limit | Verdict |
|------|-----|-----------|------------|---------|------------|--------|-------|---------|
| N5   | 15  | 20        | DFT-256QAM | L       | Outer_Full | 6.76   | 13    | PASS    |
| N5   | 15  | 20        | CP-256QAM  | L       | Outer_Full | 8.61   | 13    | PASS    |
| N5   | 15  | 20        | DFT-256QAM | M       | Outer_Full | 6.74   | 13    | PASS    |
| N5   | 15  | 20        | CP-256QAM  | M       | Outer_Full | 8.60   | 13    | PASS    |
| N5   | 15  | 20        | DFT-256QAM | H       | Outer_Full | 6.75   | 13    | PASS    |
| N5   | 15  | 20        | CP-256QAM  | H       | Outer_Full | 8.61   | 13    | PASS    |



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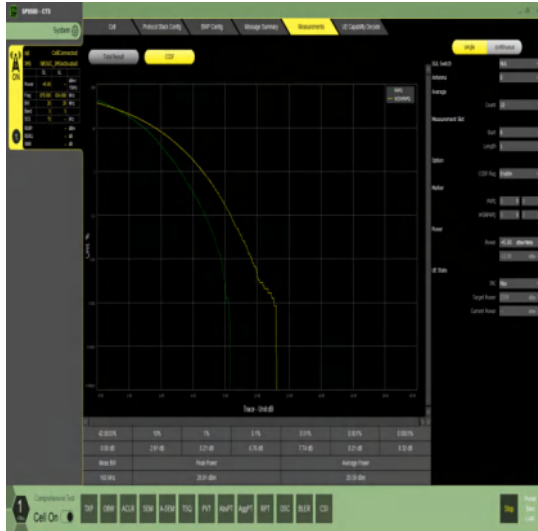
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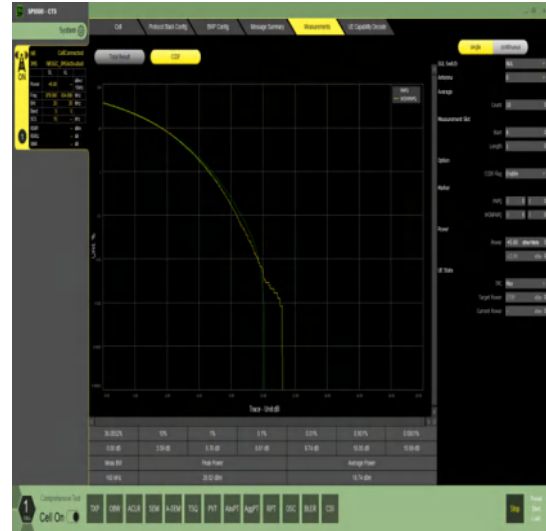
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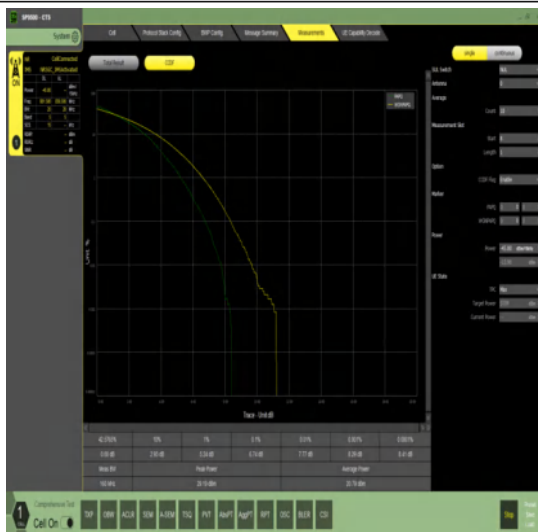
### Test Graphs



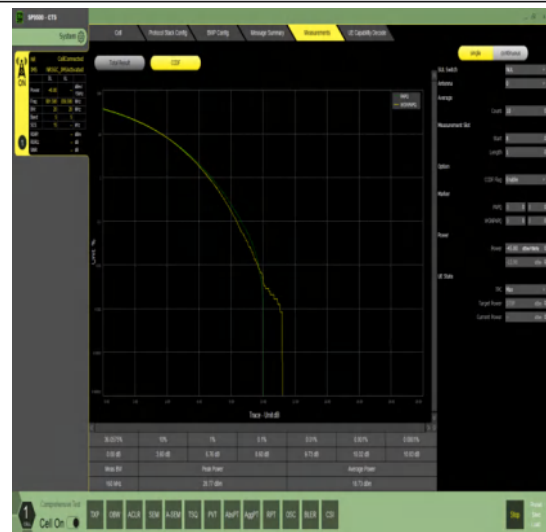
1-N5-15-20-L-14-DFT-256QAM-Outer\_Full-100@0-20.61-20.61-19~27.5-PASS



1-N5-15-20-L-15-CP-256QAM-Outer\_Full-106@0-18.70-18.70-19~27.5-PASS



1-N5-15-20-M-14-DFT-256QAM-Outer\_Full-100@0-20.72-20.72-19~27.5-PASS



1-N5-15-20-M-15-CP-256QAM-Outer\_Full-106@0-18.76-18.76-19~27.5-PASS



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1-N5-15-20-H-14-DFT-256QAM-Outer\_Full-100@0-  
20.69-20.69-19~27.5-PASS



1-N5-15-20-H-15-CP-256QAM-Outer\_Full-106@0-  
18.68-18.68-19~27.5-PASS



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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 |
|------|-----|-----------|-------------|---------|------------|--------------|---------------|---------|
| N5   | 15  | 5         | DFT-QPSK    | M       | Outer_Full | 4.455        | 4.970         | PASS    |
| N5   | 15  | 5         | DFT-PI2BPSK | M       | Outer_Full | 4.491        | 5.100         | PASS    |
| N5   | 15  | 5         | DFT-16QAM   | M       | Outer_Full | 4.518        | 5.280         | PASS    |
| N5   | 15  | 5         | DFT-64QAM   | M       | Outer_Full | 4.475        | 5.040         | PASS    |
| N5   | 15  | 5         | DFT-256QAM  | M       | Outer_Full | 4.482        | 4.950         | PASS    |
| N5   | 15  | 5         | CP-QPSK     | M       | Outer_Full | 4.495        | 5.220         | PASS    |
| N5   | 15  | 5         | CP-16QAM    | M       | Outer_Full | 4.547        | 5.230         | PASS    |
| N5   | 15  | 5         | CP-64QAM    | M       | Outer_Full | 4.487        | 5.120         | PASS    |
| N5   | 15  | 5         | CP-256QAM   | M       | Outer_Full | 4.488        | 5.040         | PASS    |
| N5   | 15  | 10        | DFT-QPSK    | M       | Outer_Full | 8.948        | 9.620         | PASS    |
| N5   | 15  | 10        | DFT-PI2BPSK | M       | Outer_Full | 8.94         | 9.680         | PASS    |
| N5   | 15  | 10        | DFT-16QAM   | M       | Outer_Full | 8.951        | 9.580         | PASS    |
| N5   | 15  | 10        | DFT-64QAM   | M       | Outer_Full | 8.941        | 9.640         | PASS    |
| N5   | 15  | 10        | DFT-256QAM  | M       | Outer_Full | 8.925        | 9.600         | PASS    |
| N5   | 15  | 10        | CP-QPSK     | M       | Outer_Full | 9.303        | 10.200        | PASS    |
| N5   | 15  | 10        | CP-16QAM    | M       | Outer_Full | 9.277        | 10.080        | PASS    |
| N5   | 15  | 10        | CP-64QAM    | M       | Outer_Full | 9.278        | 9.940         | PASS    |
| N5   | 15  | 10        | CP-256QAM   | M       | Outer_Full | 9.304        | 10.140        | PASS    |
| N5   | 15  | 15        | DFT-QPSK    | M       | Outer_Full | 13.492       | 14.550        | PASS    |
| N5   | 15  | 15        | DFT-PI2BPSK | M       | Outer_Full | 13.49        | 14.460        | PASS    |
| N5   | 15  | 15        | DFT-16QAM   | M       | Outer_Full | 13.479       | 14.460        | PASS    |
| N5   | 15  | 15        | DFT-64QAM   | M       | Outer_Full | 13.448       | 14.580        | PASS    |
| N5   | 15  | 15        | DFT-256QAM  | M       | Outer_Full | 13.502       | 14.490        | PASS    |
| N5   | 15  | 15        | CP-QPSK     | M       | Outer_Full | 14.174       | 15.180        | PASS    |
| N5   | 15  | 15        | CP-16QAM    | M       | Outer_Full | 14.175       | 15.180        | PASS    |
| N5   | 15  | 15        | CP-64QAM    | M       | Outer_Full | 14.155       | 15.270        | PASS    |
| N5   | 15  | 15        | CP-256QAM   | M       | Outer_Full | 14.156       | 15.210        | PASS    |
| N5   | 15  | 20        | DFT-QPSK    | M       | Outer_Full | 17.912       | 18.960        | PASS    |
| N5   | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | 17.939       | 19.080        | PASS    |



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|    |    |    |            |   |            |        |        |      |
|----|----|----|------------|---|------------|--------|--------|------|
| N5 | 15 | 20 | DFT-16QAM  | M | Outer_Full | 17.915 | 18.840 | PASS |
| N5 | 15 | 20 | DFT-64QAM  | M | Outer_Full | 17.918 | 19.000 | PASS |
| N5 | 15 | 20 | DFT-256QAM | M | Outer_Full | 17.876 | 18.920 | PASS |
| N5 | 15 | 20 | CP-QPSK    | M | Outer_Full | 18.889 | 20.160 | PASS |
| N5 | 15 | 20 | CP-16QAM   | M | Outer_Full | 18.979 | 20.000 | PASS |
| N5 | 15 | 20 | CP-64QAM   | M | Outer_Full | 18.951 | 20.120 | PASS |
| N5 | 15 | 20 | CP-256QAM  | M | Outer_Full | 19.022 | 20.040 | PASS |



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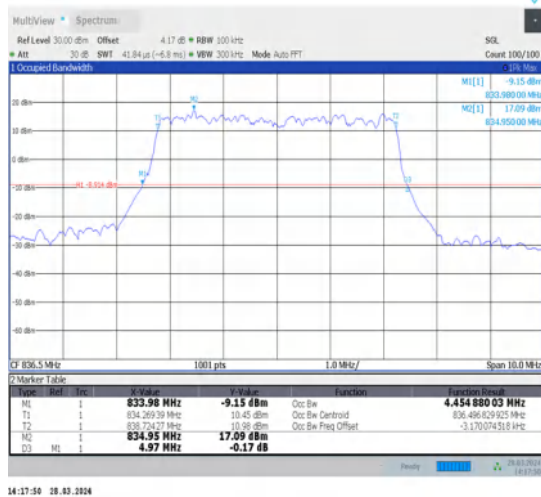
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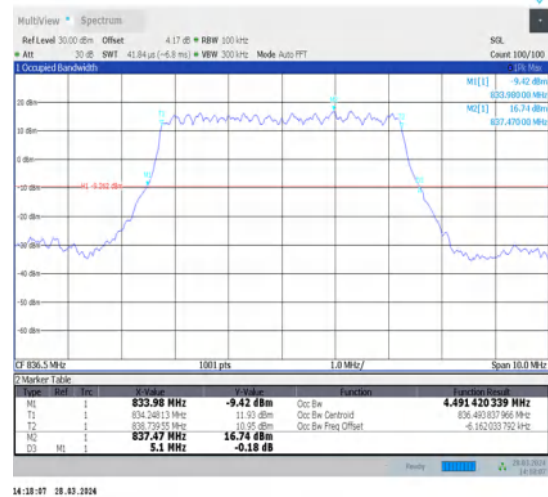
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### Test Graphs



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1-N5-15-5-M-2-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-4.491-5.100-≤5-PASS



1-N5-15-5-M-3-DFT-16QAM-Outer\_Full-25@0-Ant1-4.518-5.280-≤5-PASS



1-N5-15-5-M-4-DFT-64QAM-Outer\_Full-25@0-Ant1-4.475-5.040-≤5-PASS



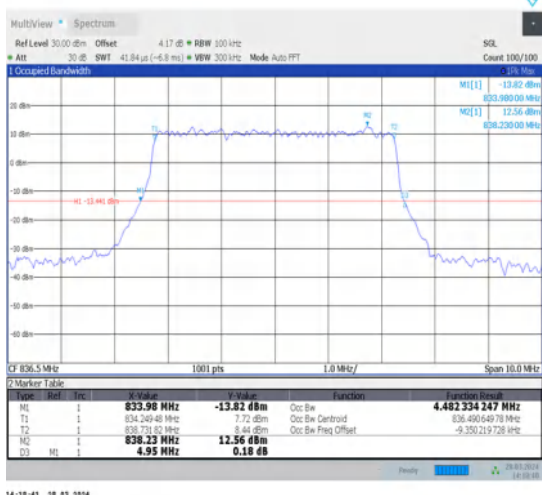
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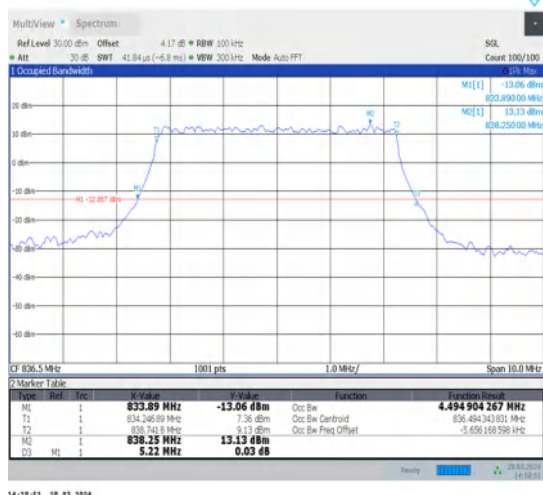
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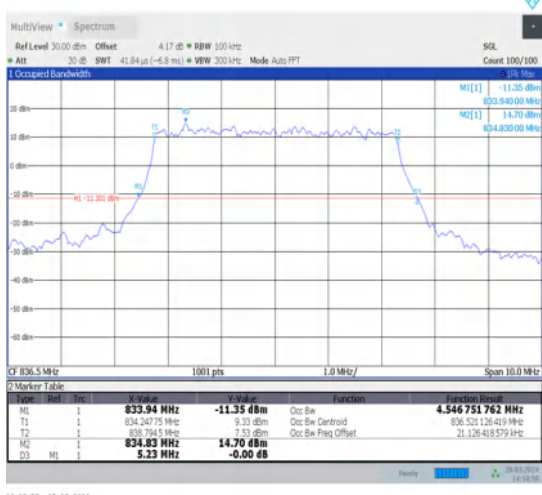
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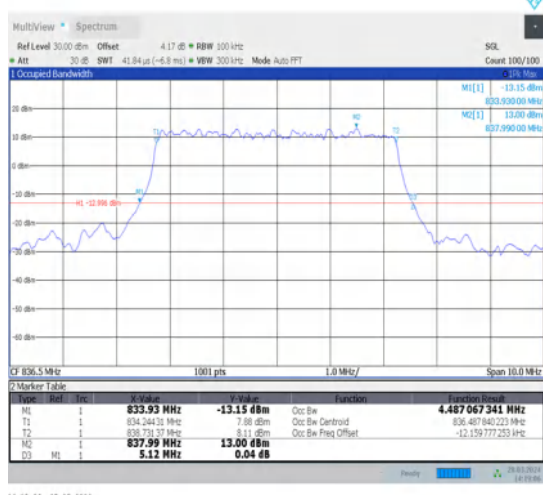
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1-N5-15-5-M-7-CP-16QAM-Outer\_Full-25@0-Ant1-4.547-5.230-≤5-PASS



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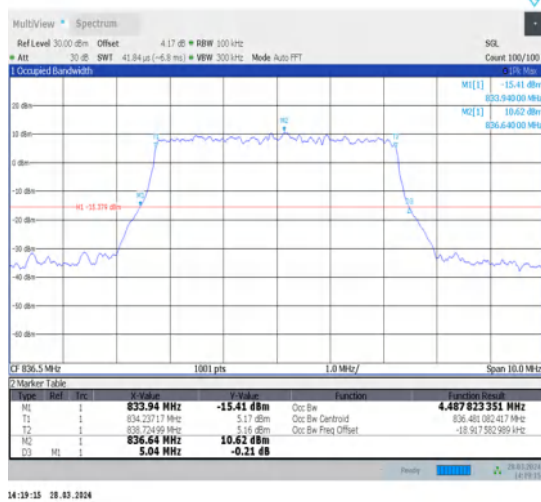
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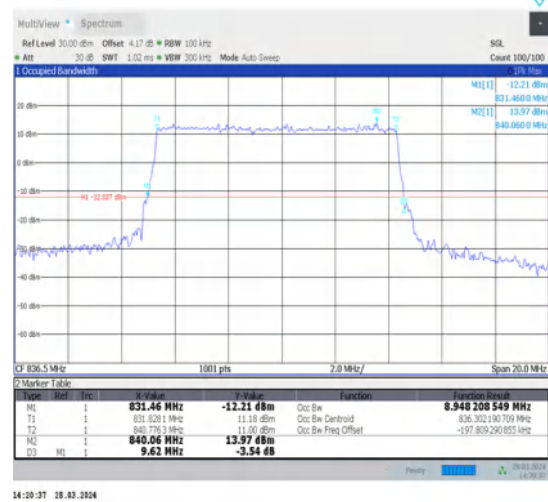
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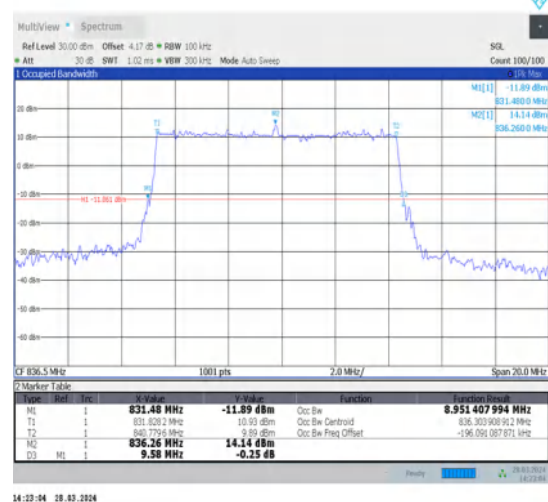
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14:10:52 28.03.2024

1-N5-15-10-M-2-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-8.94-9.680-≤10-PASS



14:12:04 28.03.2024

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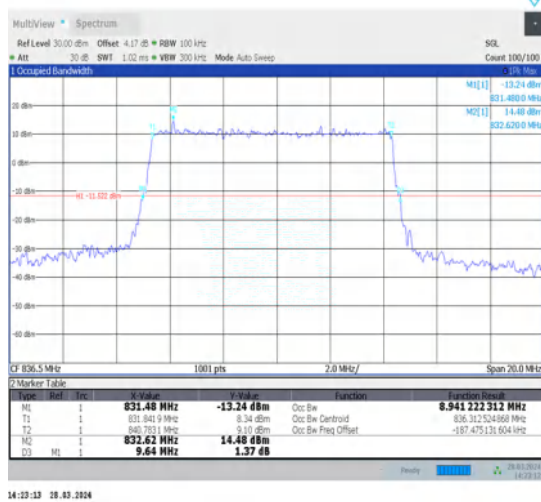
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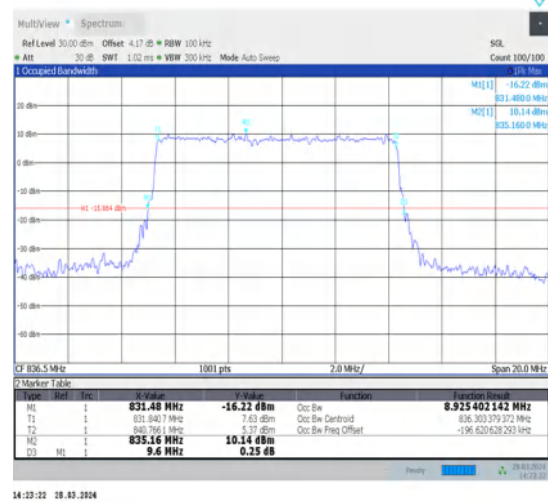
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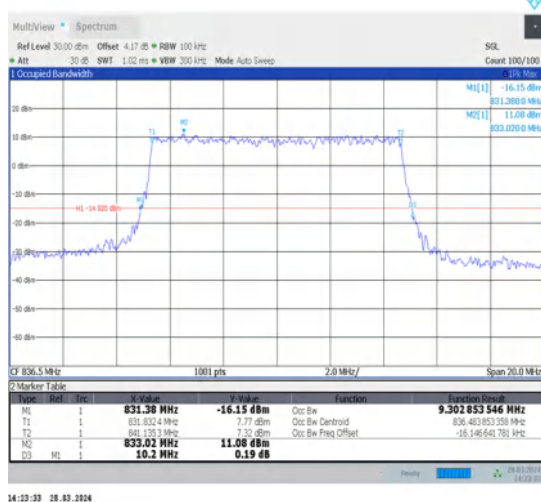
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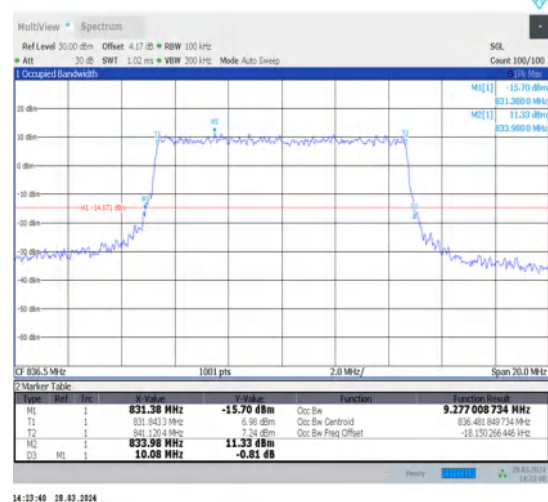
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1-N5-15-10-M-5-DFT-256QAM-Outer\_Full-50@0-Ant1-8.925-9.600-≤10-PASS



1-N5-15-10-M-6-CP-QPSK-Outer\_Full-52@0-Ant1-9.303-10.200-≤10-PASS



1-N5-15-10-M-7-CP-16QAM-Outer\_Full-52@0-Ant1-9.277-10.080-≤10-PASS



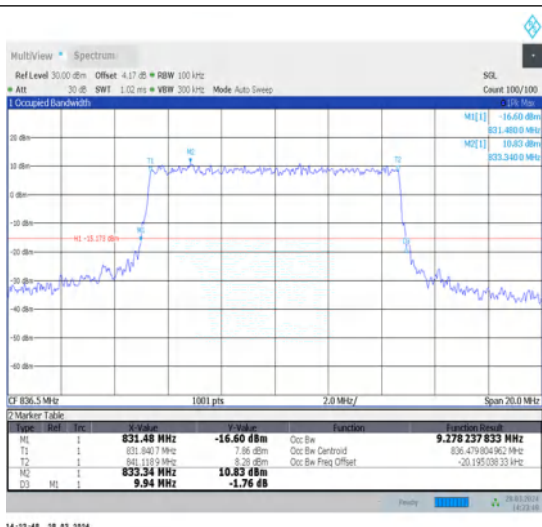
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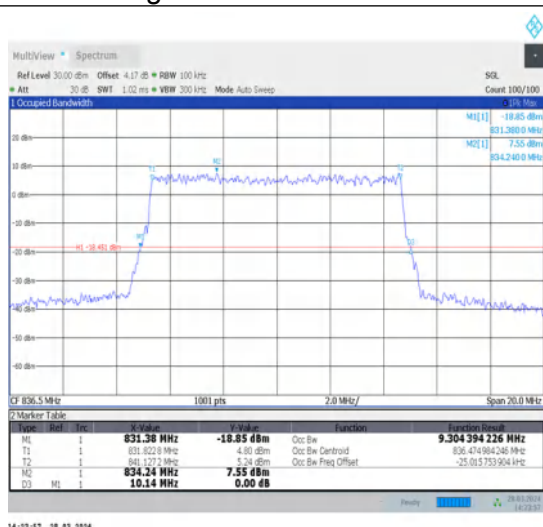
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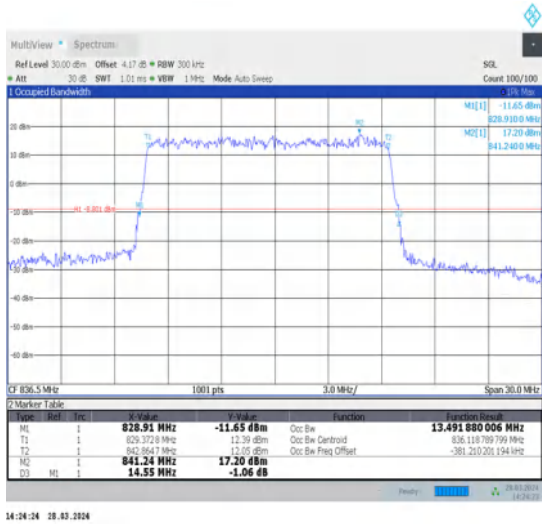
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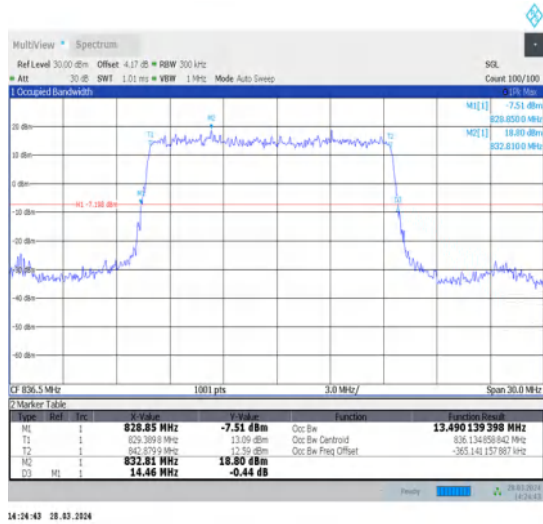
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14:24:24 28.03.2024

1-N5-15-15-M-1-DFT-QPSK-Outer\_Full-75@0-Ant1-13.492-14.550-≤15-PASS



14:24:43 28.03.2024

1-N5-15-15-M-2-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-13.49-14.460-≤15-PASS



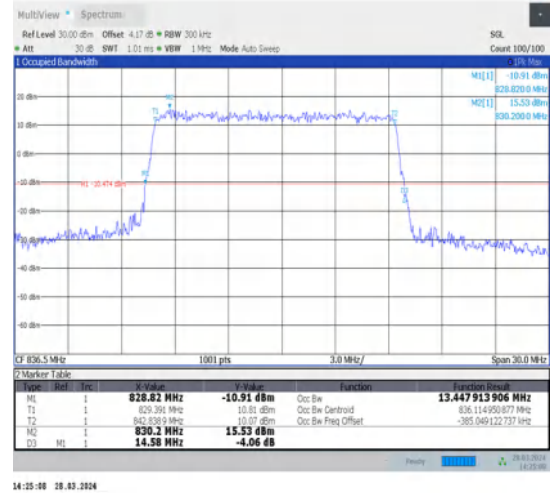
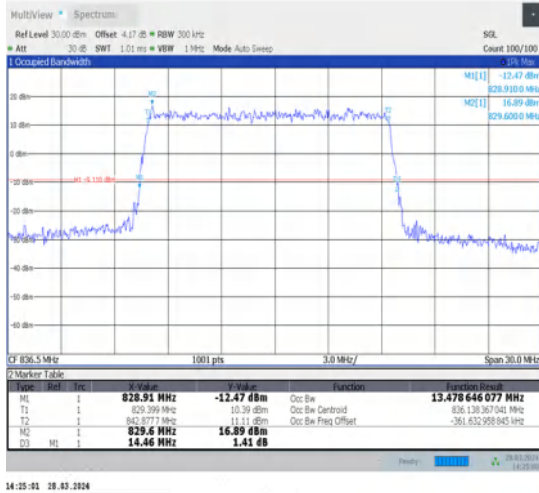
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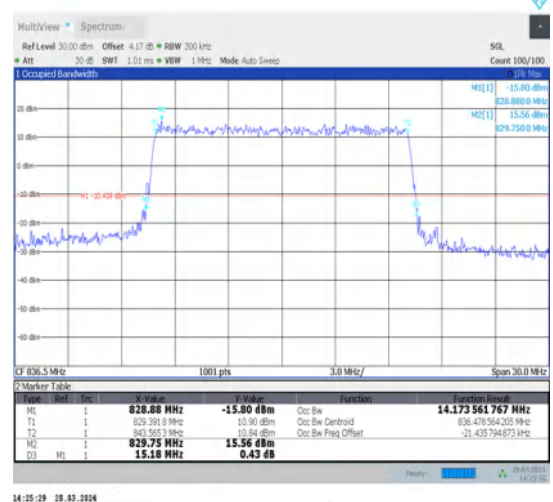
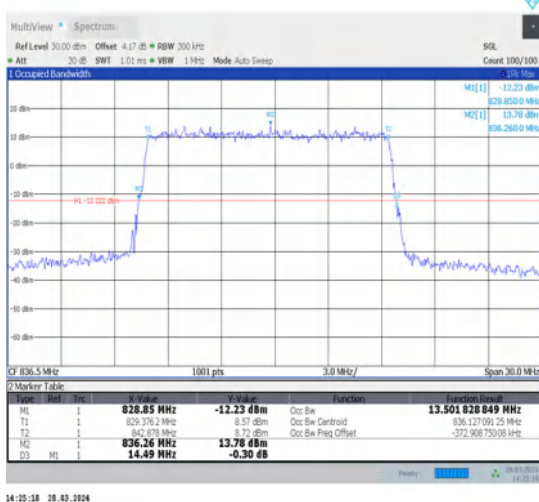
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1-N5-15-15-M-3-DFT-16QAM-Outer\_Full-75@0-Ant1-13.479-14.460-≤15-PASS

1-N5-15-15-M-4-DFT-64QAM-Outer\_Full-75@0-Ant1-13.448-14.580-≤15-PASS



1-N5-15-15-M-5-DFT-256QAM-Outer\_Full-75@0-Ant1-13.502-14.490-≤15-PASS

1-N5-15-15-M-6-CP-QPSK-Outer\_Full-79@0-Ant1-14.174-15.180-≤15-PASS



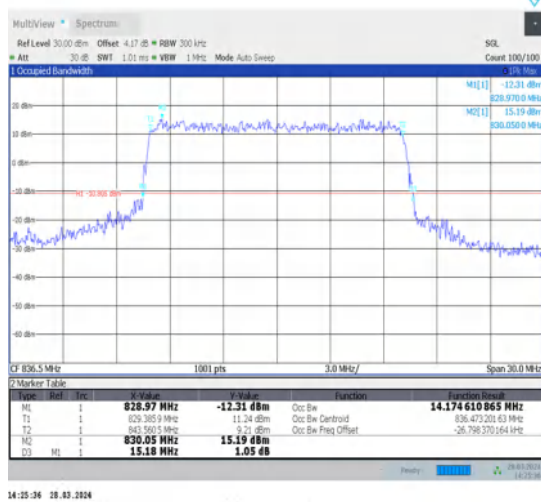
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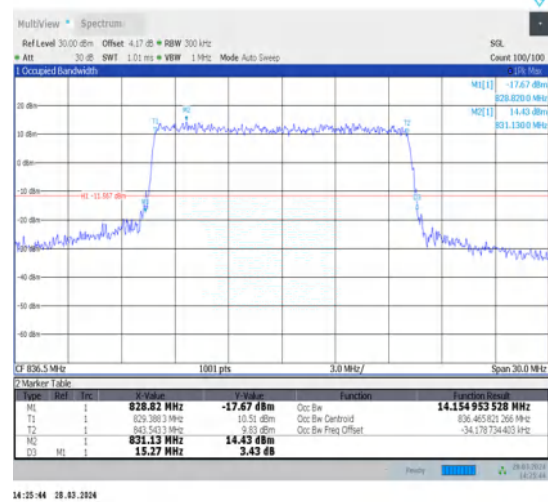
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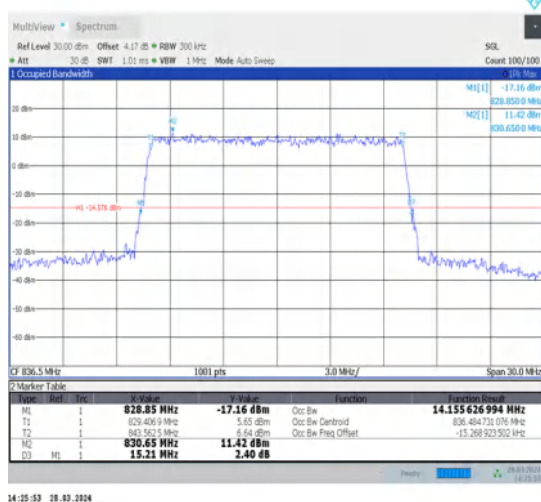
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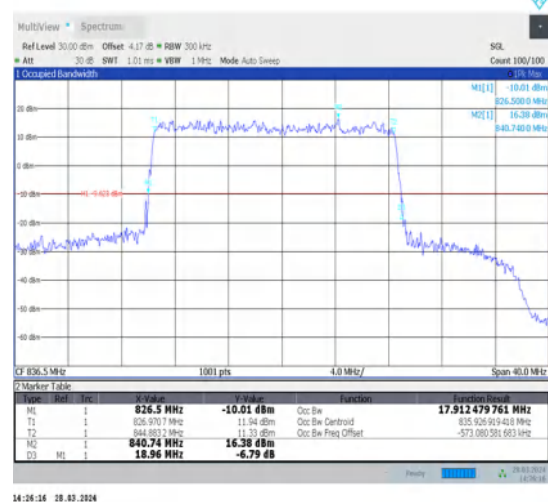
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1-N5-15-15-M-8-CP-64QAM-Outer\_Full-79@0-Ant1-14.155-15.270-≤15-PASS



1-N5-15-15-M-9-CP-256QAM-Outer\_Full-79@0-Ant1-14.156-15.210-≤15-PASS



1-N5-15-20-M-1-DFT-QPSK-Outer\_Full-100@0-Ant1-17.912-18.960-≤20-PASS



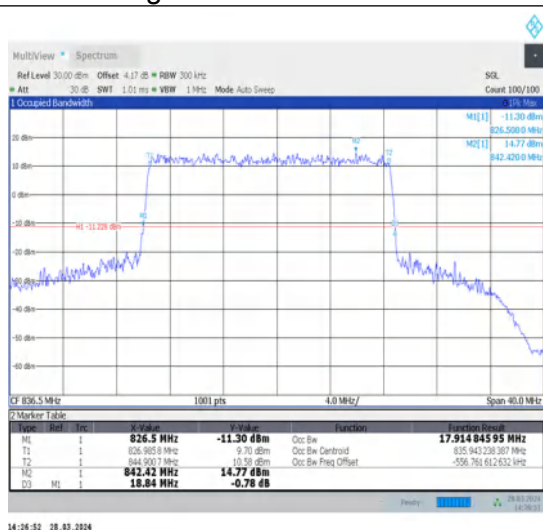
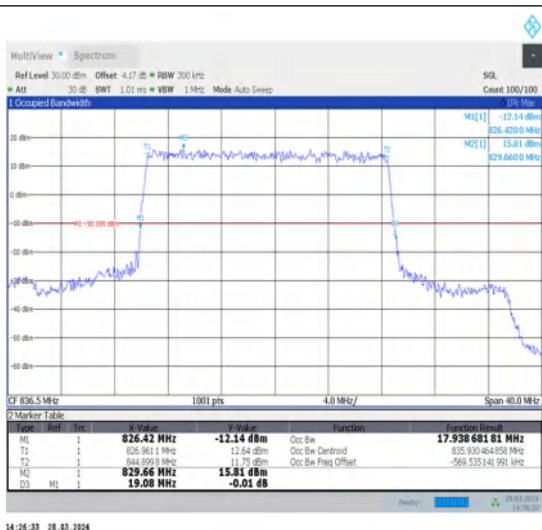
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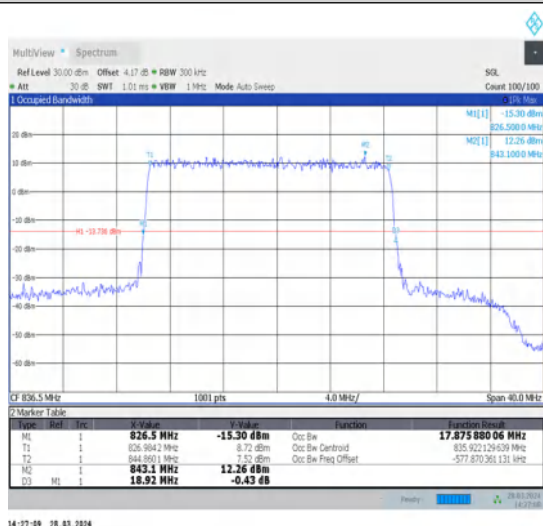
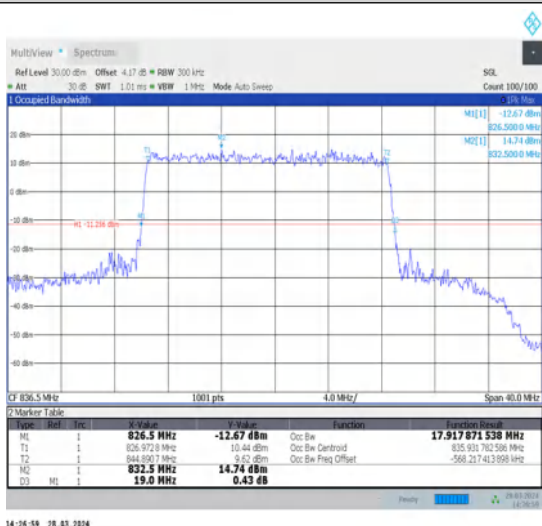
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1-N5-15-20-M-2-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-17.939-19.080-≤20-PASS

1-N5-15-20-M-3-DFT-16QAM-Outer\_Full-100@0-Ant1-17.915-18.840-≤20-PASS



1-N5-15-20-M-4-DFT-64QAM-Outer\_Full-100@0-Ant1-17.918-19.000-≤20-PASS

1-N5-15-20-M-5-DFT-256QAM-Outer\_Full-100@0-Ant1-17.876-18.920-≤20-PASS



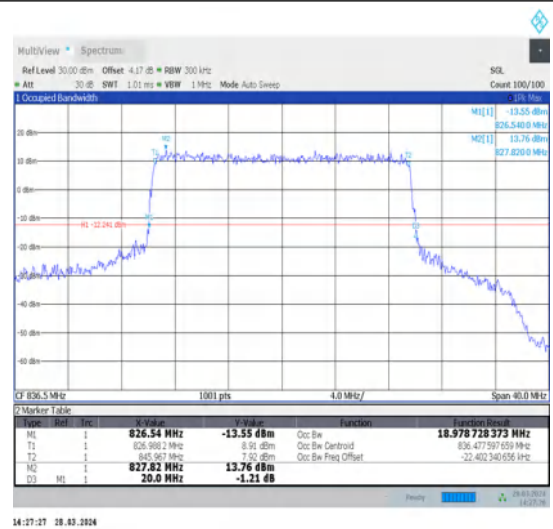
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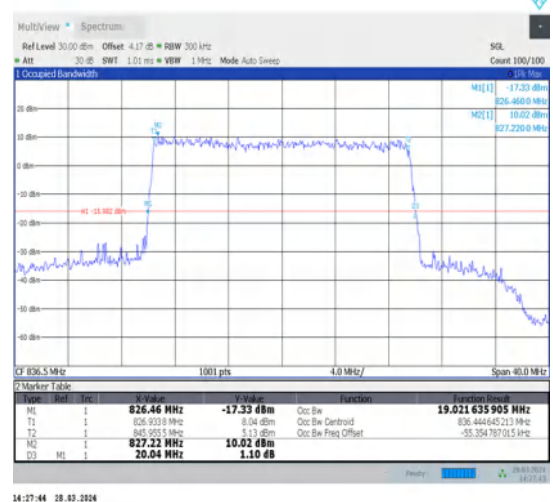
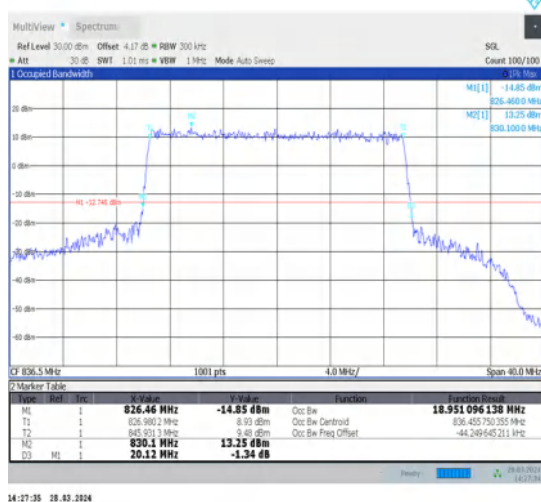
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1-N5-15-20-M-6-CP-QPSK-Outer\_Full-106@0-Ant1-18.889-20.160-≤20-PASS

1-N5-15-20-M-7-CP-16QAM-Outer\_Full-106@0-Ant1-18.979-20.000-≤20-PASS



1-N5-15-20-M-8-CP-64QAM-Outer\_Full-106@0-Ant1-18.951-20.120-≤20-PASS

1-N5-15-20-M-9-CP-256QAM-Outer\_Full-106@0-Ant1-19.022-20.040-≤20-PASS



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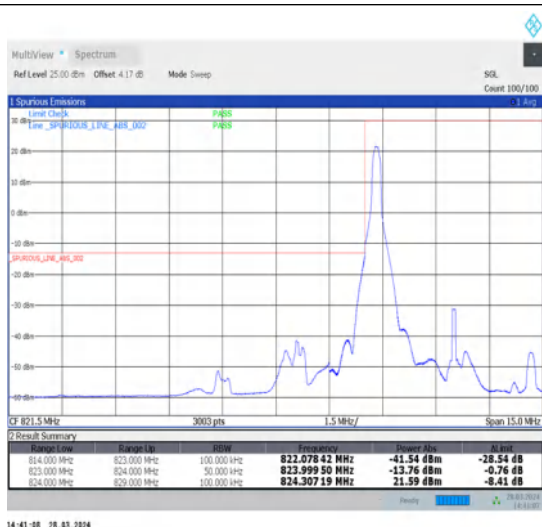
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### Band Edge for SA

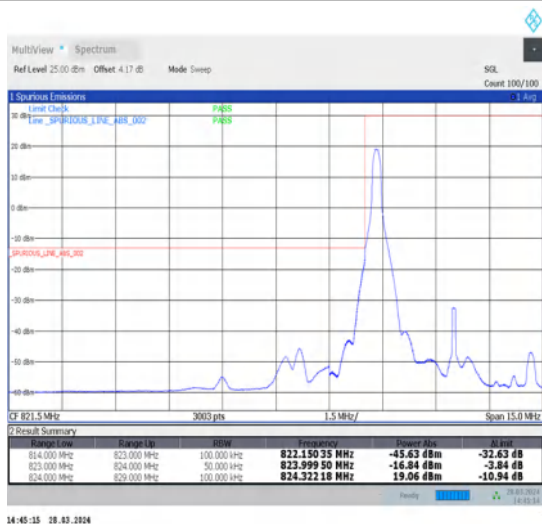
#### Test Graphs



1-N5-15-5-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N5-15-5-L-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



1-N5-15-5-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N5-15-5-L-6-CP-QPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



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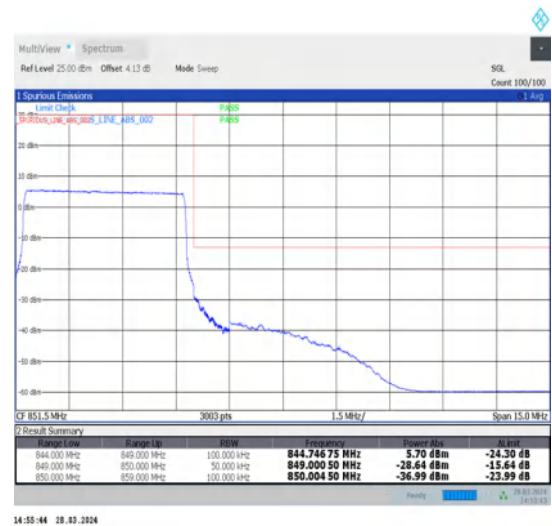
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1-N5-15-5-H-3-DFT-PI2BPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



1-N5-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant1-1--PASS-see graph



1-N5-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-1--PASS-see graph



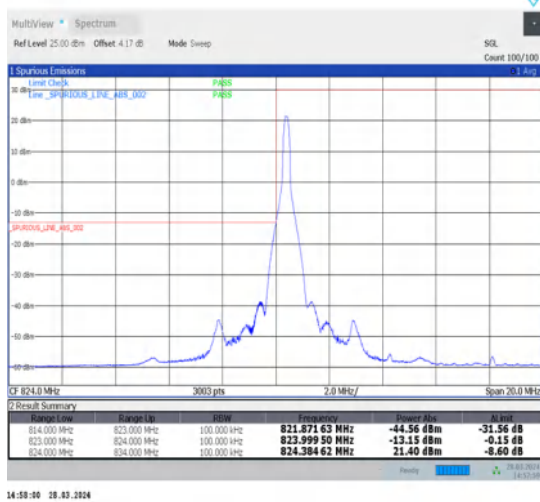
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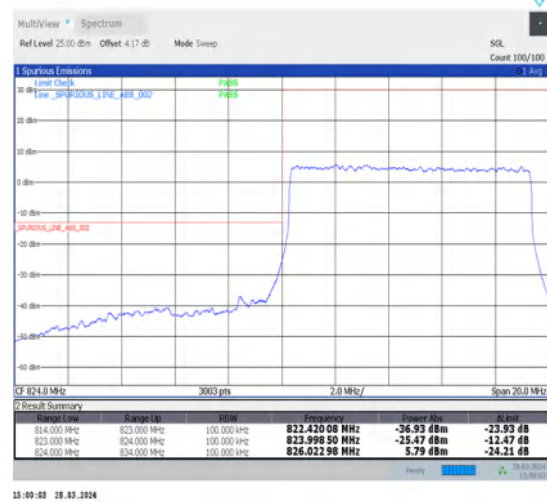
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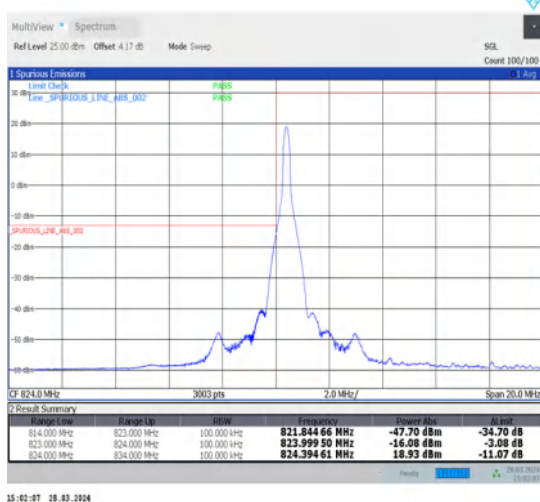
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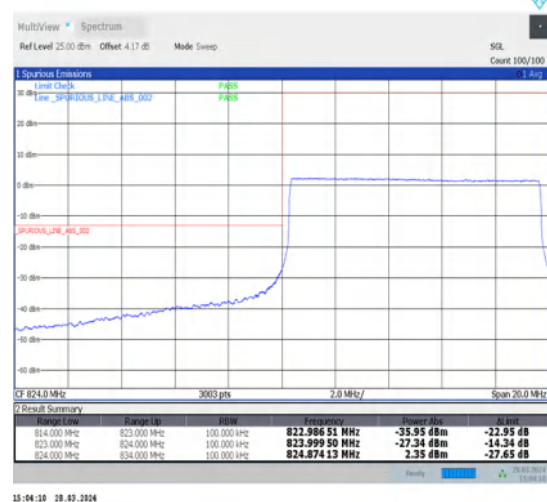
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1-N5-15-10-L-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N5-15-10-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph



1-N5-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-1--PASS-see graph



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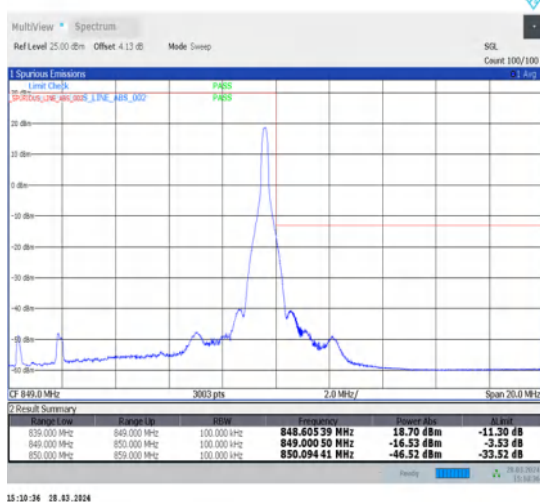
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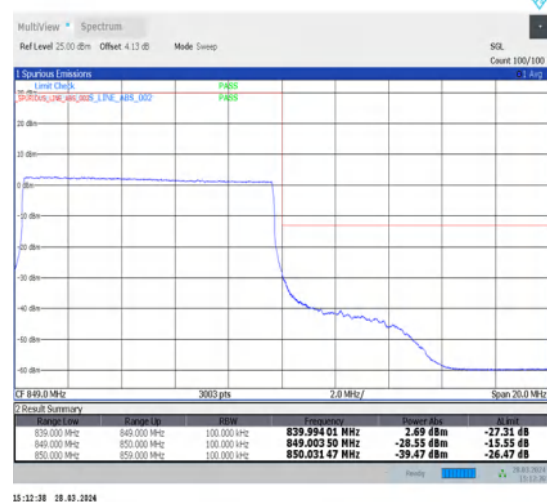
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1-N5-15-10-H-3-DFT-PI2BPSK-Outer\_Full-50@0-Ant1-1--PASS-see graph



1-N5-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1--PASS-see graph



1-N5-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-1--PASS-see graph



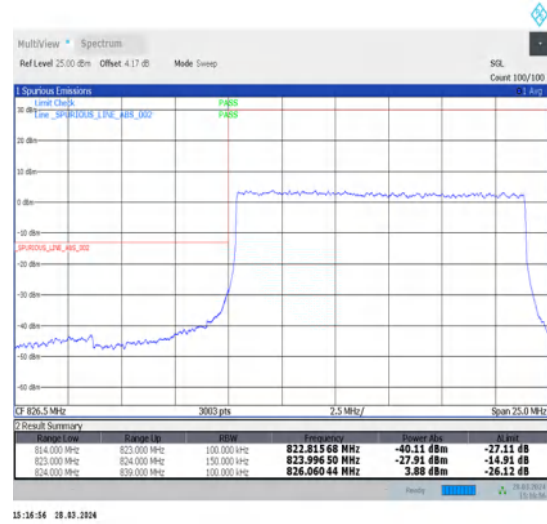
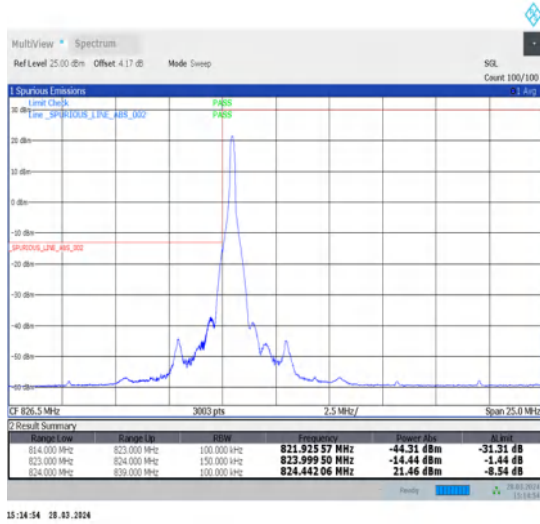
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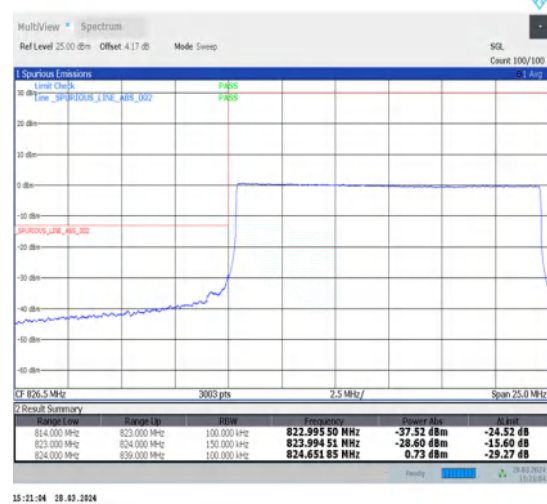
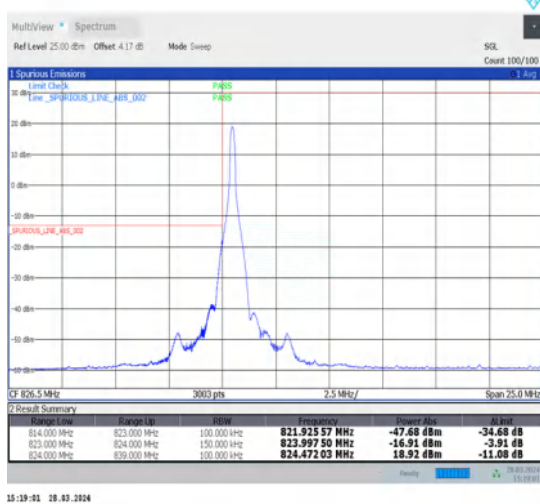
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1-N5-15-15-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N5-15-15-L-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N5-15-15-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N5-15-15-L-6-CP-QPSK-Outer\_Full-79@0-Ant1-1--PASS-see graph



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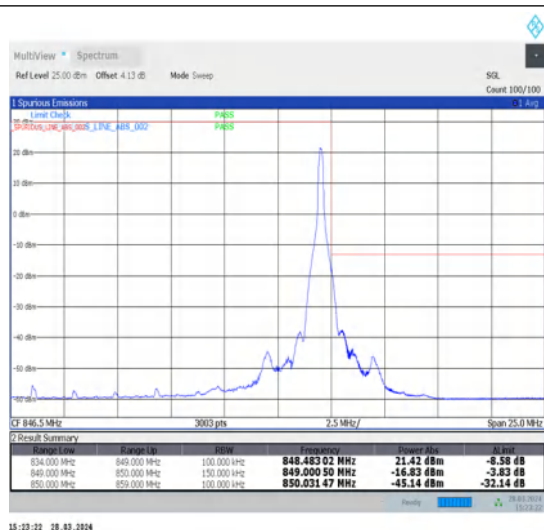
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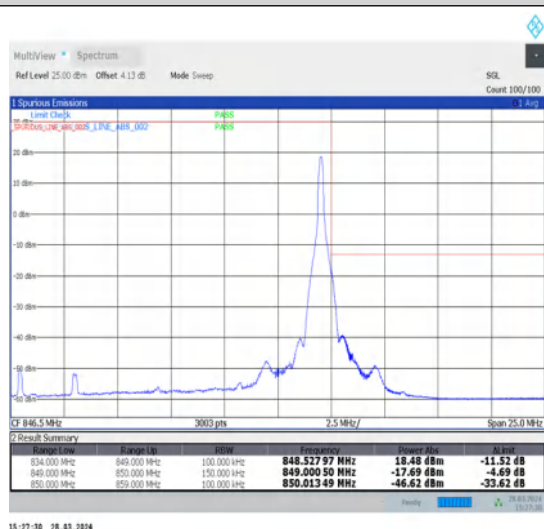
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1-N5-15-15-H-2-DFT-PI2BPSK-Edge\_1RB\_Right-1@78-Ant1-1--PASS-see graph



1-N5-15-15-H-3-DFT-PI2BPSK-Outer\_Full-75@0-Ant1-1--PASS-see graph



1-N5-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant1-1--PASS-see graph



1-N5-15-15-H-6-CP-QPSK-Outer\_Full-79@0-Ant1-1--PASS-see graph



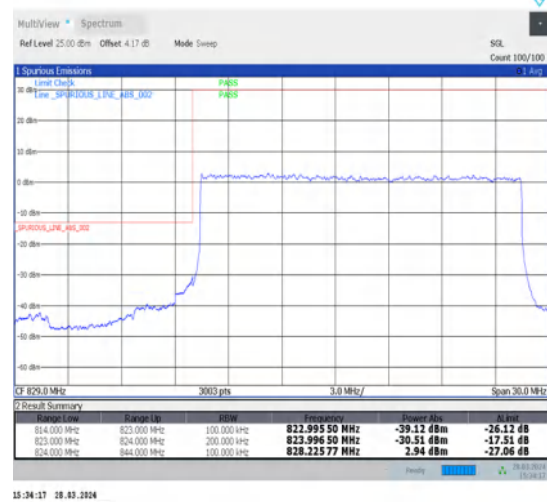
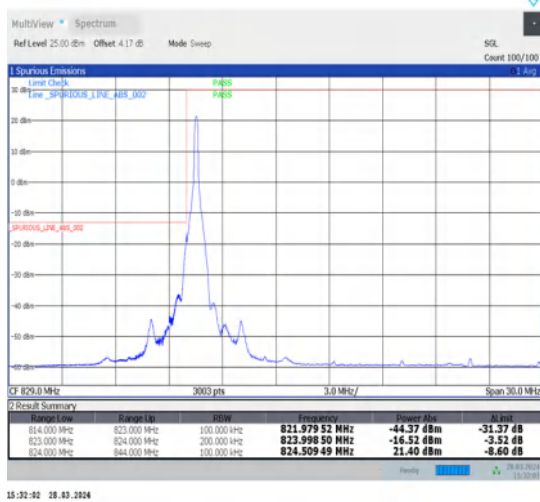
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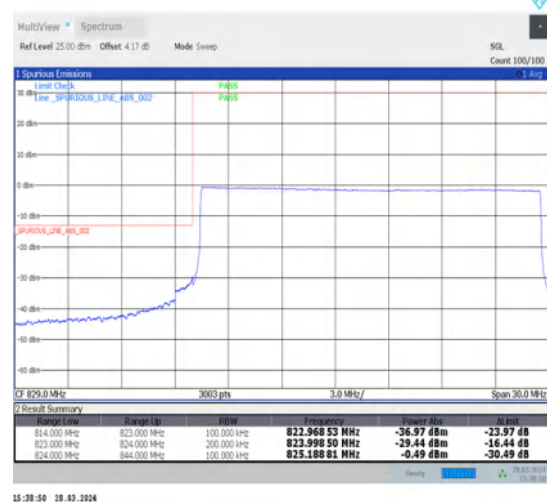
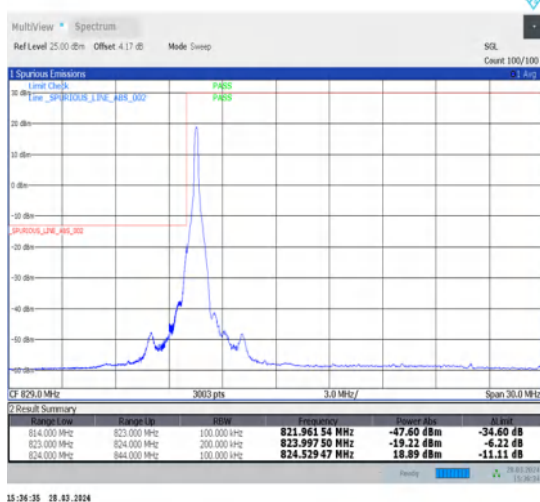
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1-N5-15-20-L-1-DFT-PI2BPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N5-15-20-L-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N5-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1--PASS-see graph

1-N5-15-20-L-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



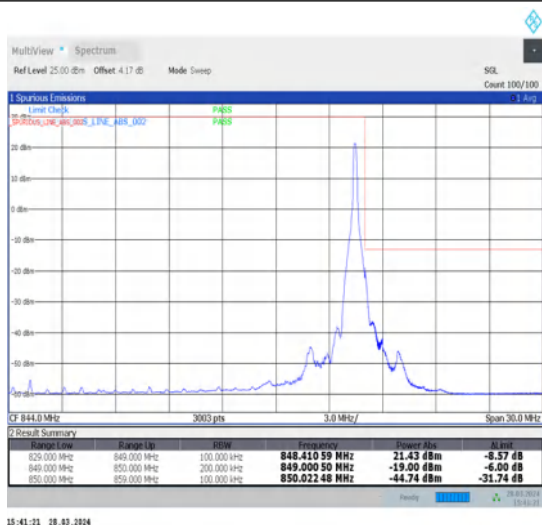
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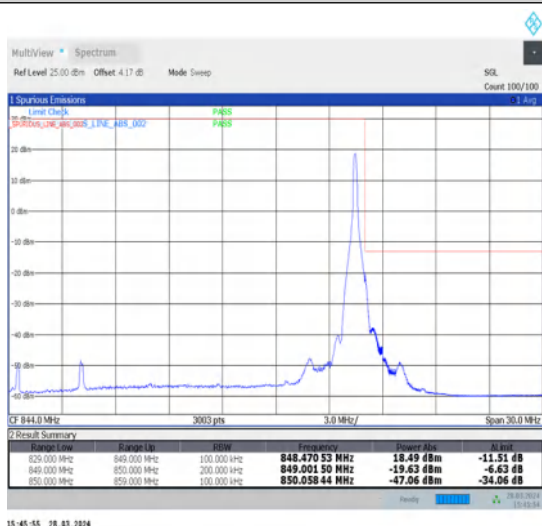
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1-N5-15-20-H-3-DFT-PI2BPSK-Outer\_Full-100@0-Ant1-1--PASS-see graph



1-N5-15-20-H-5-CP-QPSK-Edge\_1RB\_Right-1@105-Ant1-1--PASS-see graph



1-N5-15-20-H-6-CP-QPSK-Outer\_Full-106@0-Ant1-1--PASS-see graph



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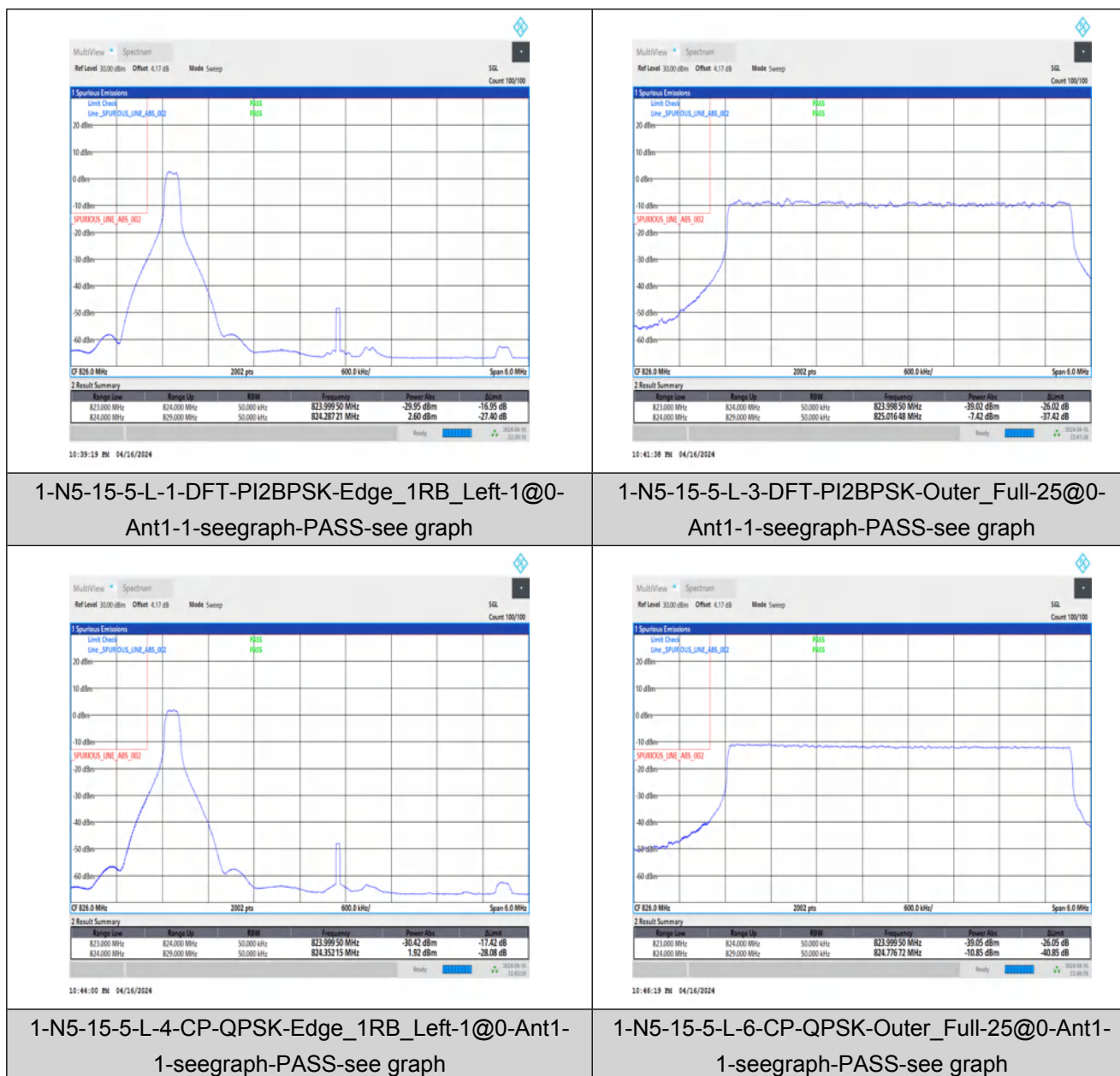
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### Band Edge for MIMO ANT1

#### Test Graphs



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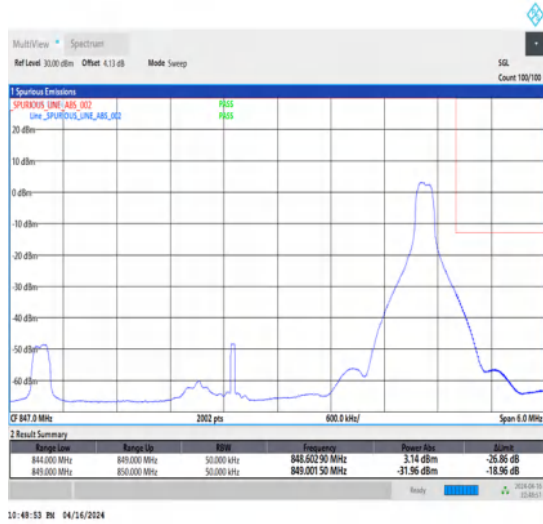
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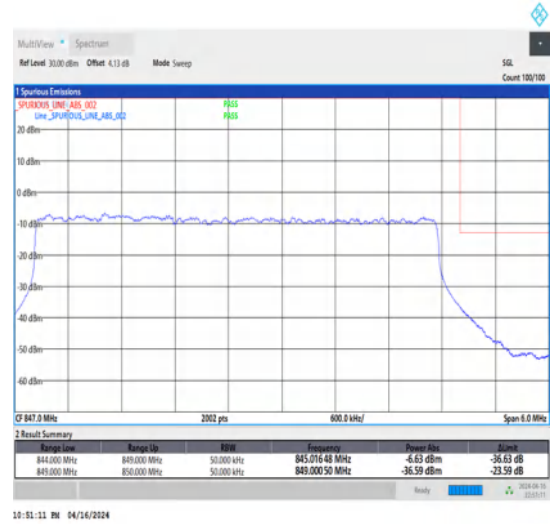
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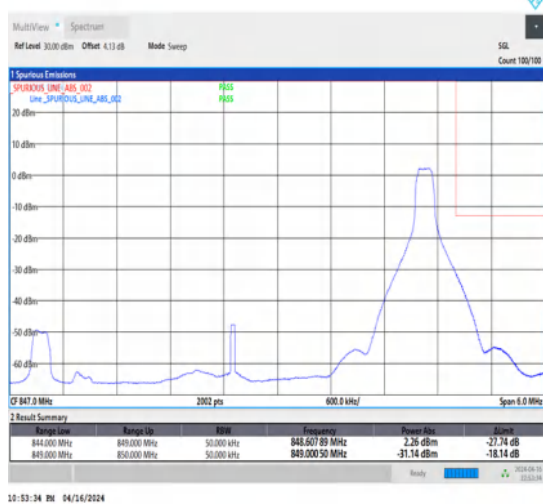
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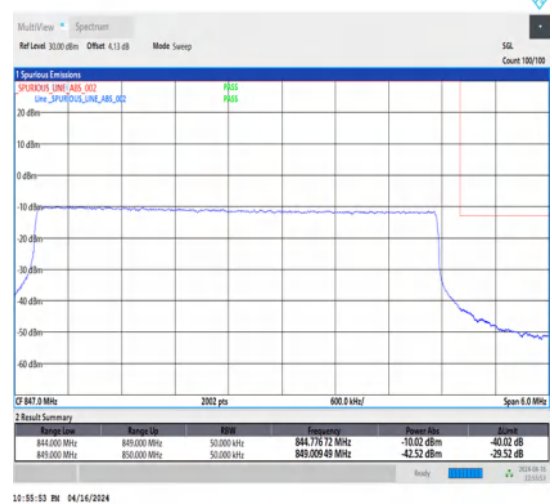
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1-N5-15-5-H-5-CP-QPSK-Edge\_1RB\_Right-1@24-Ant1-1-seegraph-PASS-see graph



1-N5-15-5-H-6-CP-QPSK-Outer\_Full-25@0-Ant1-1-seegraph-PASS-see graph



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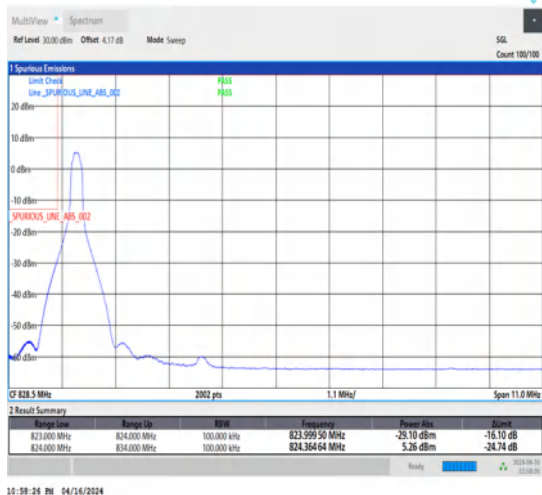
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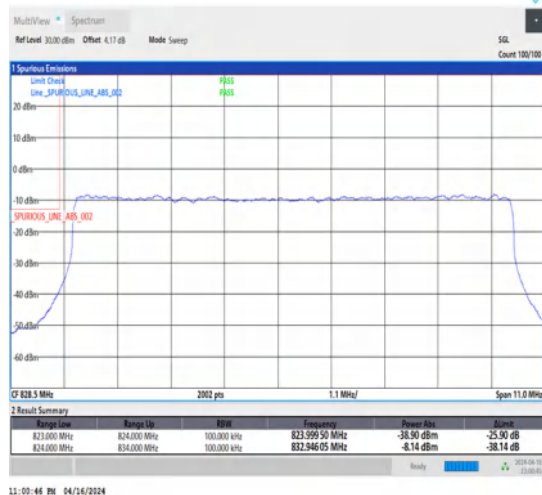
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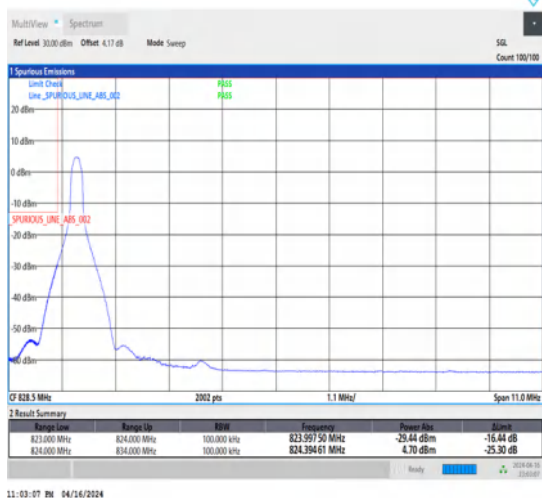
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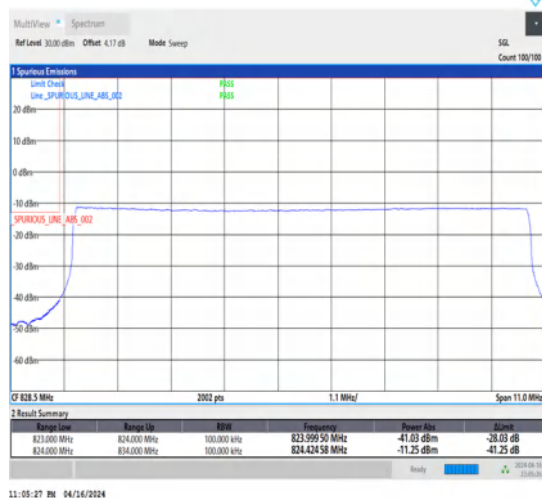
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1-N5-15-10-L-6-CP-QPSK-Outer\_Full-52@0-Ant1-1-seegraph-PASS-see graph



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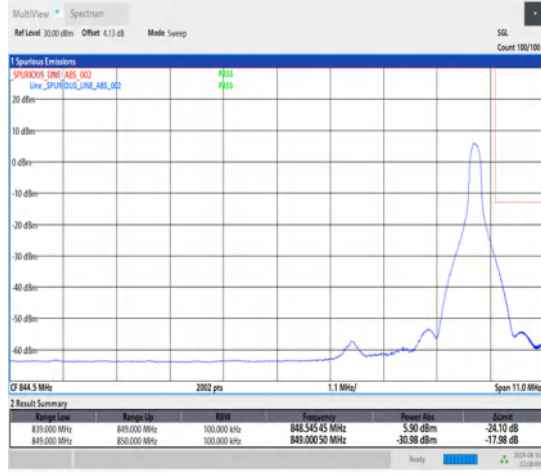
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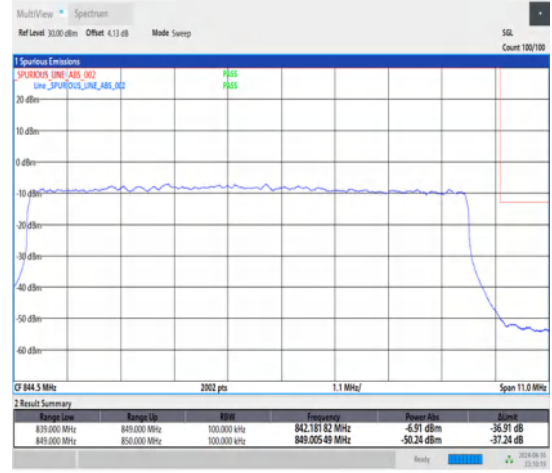
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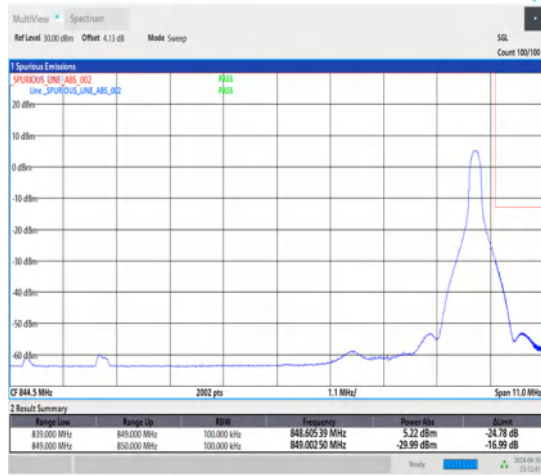
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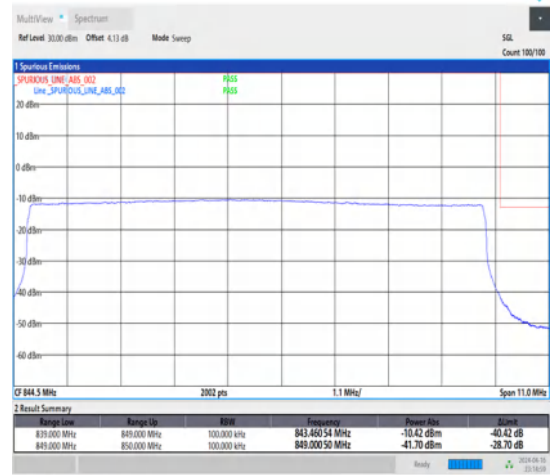
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1-N5-15-10-H-5-CP-QPSK-Edge\_1RB\_Right-1@51-Ant1-1-seegraph-PASS-see graph



1-N5-15-10-H-6-CP-QPSK-Outer\_Full-52@0-Ant1-1-seegraph-PASS-see graph



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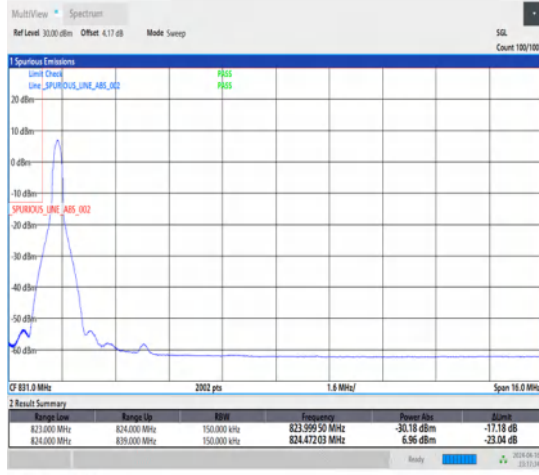
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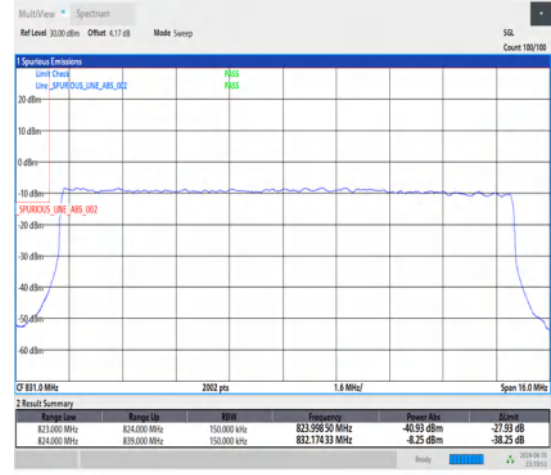
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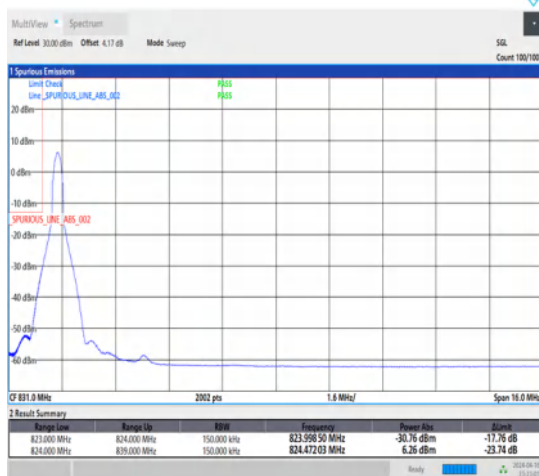
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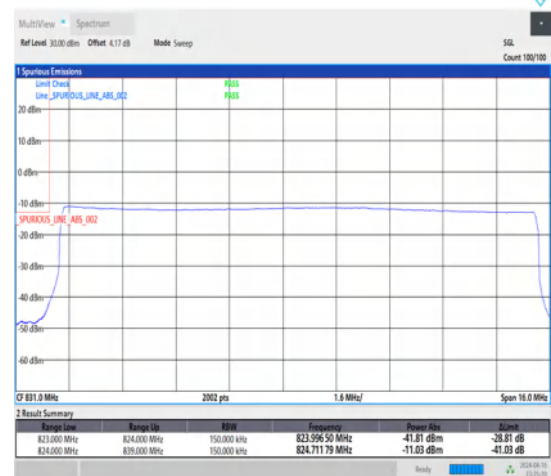
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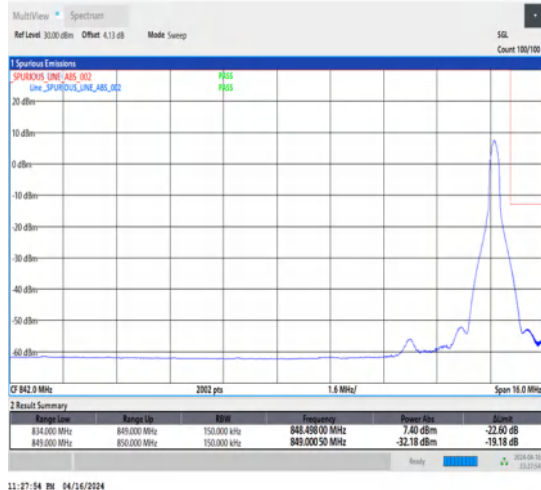
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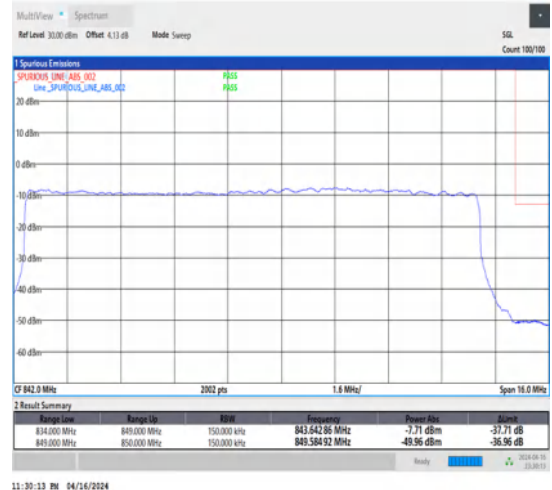
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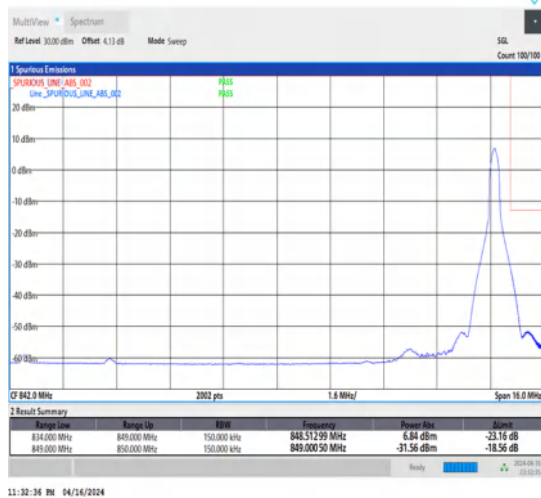
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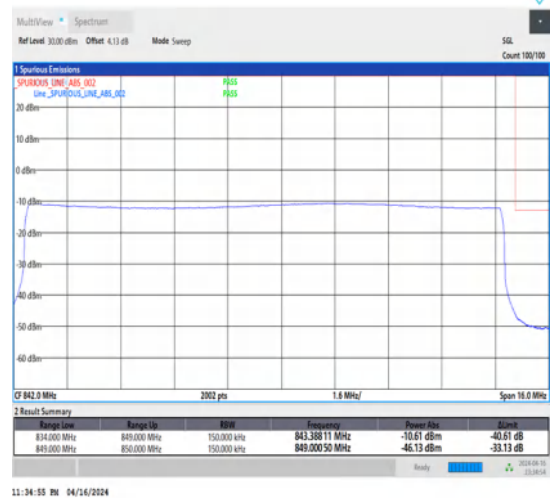
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1-N5-15-15-H-5-CP-QPSK-Edge\_1RB\_Right-1@78-Ant1-1-seegraph-PASS-see graph



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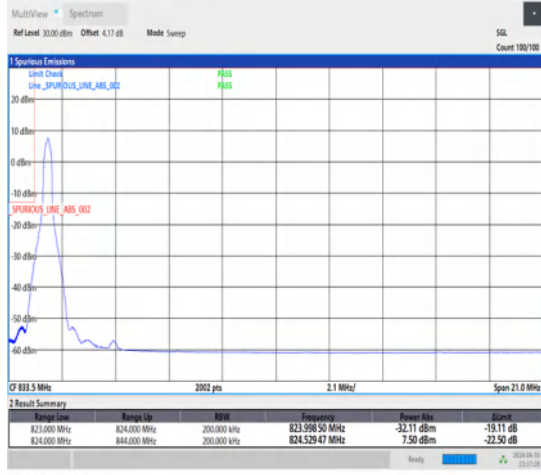
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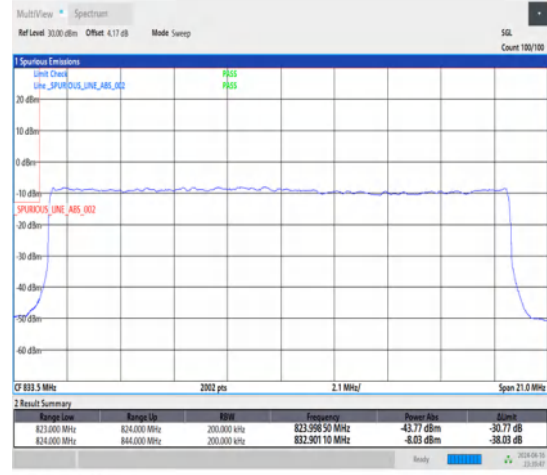
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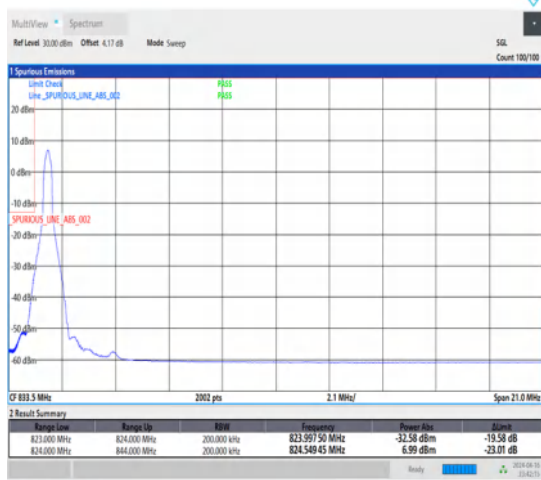
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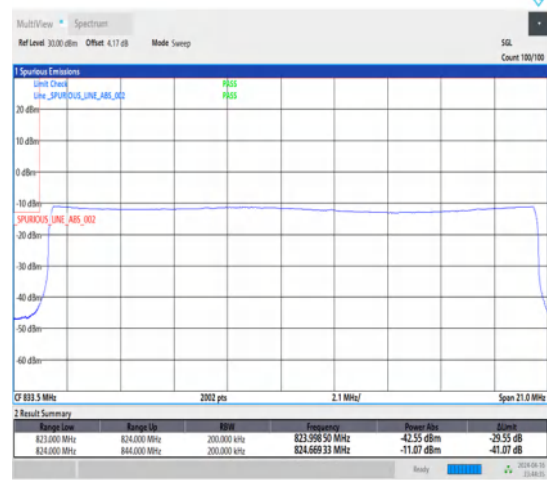
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1-N5-15-20-L-4-CP-QPSK-Edge\_1RB\_Left-1@0-Ant1-1-seegraph-PASS-see graph



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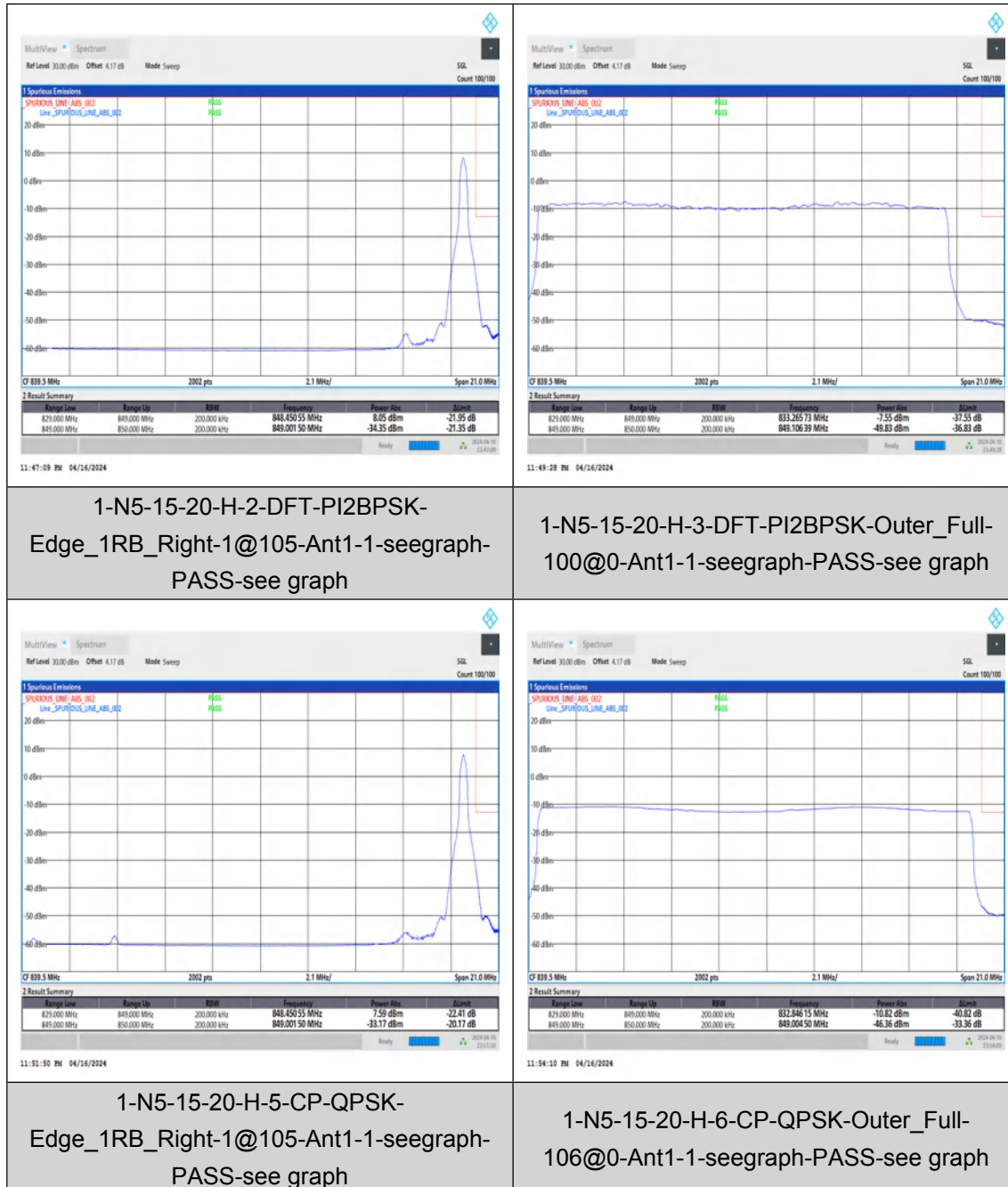
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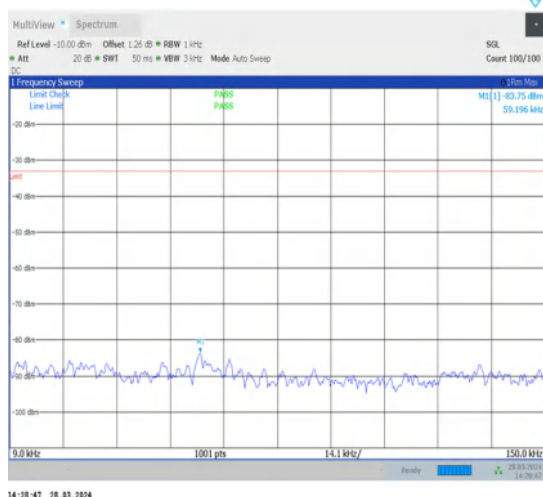
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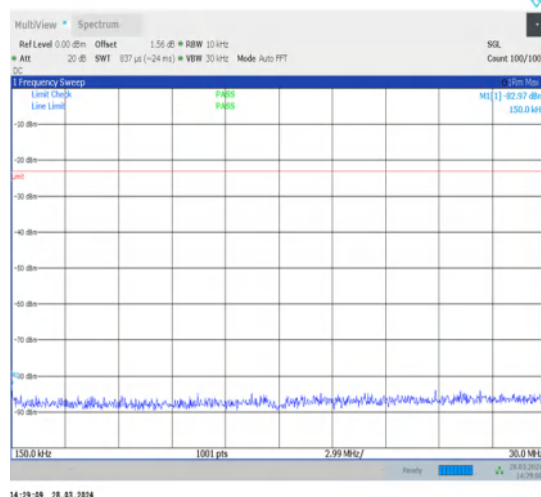
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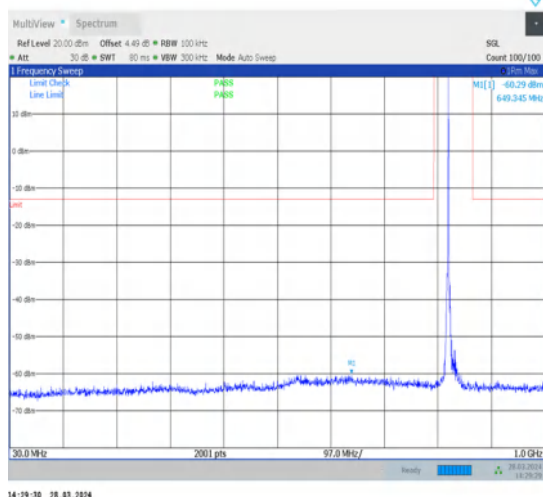
#### Test Graphs



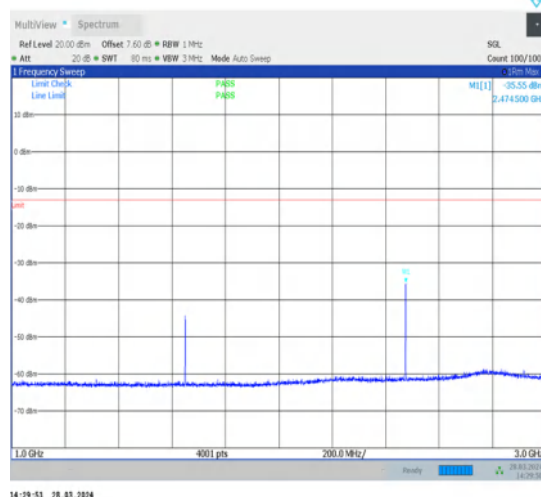
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1-N5-15-20-L-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1-649.35--60.29--13-PASS



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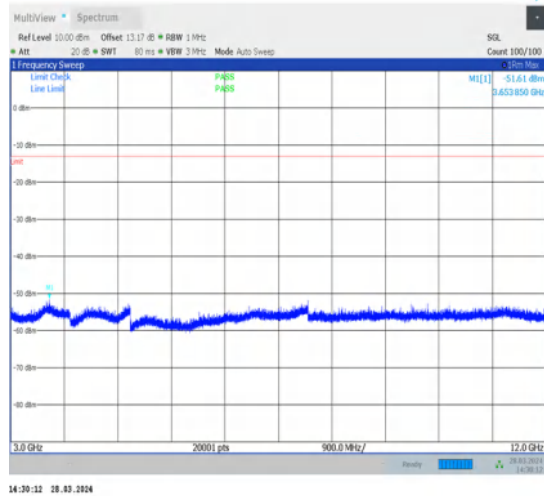
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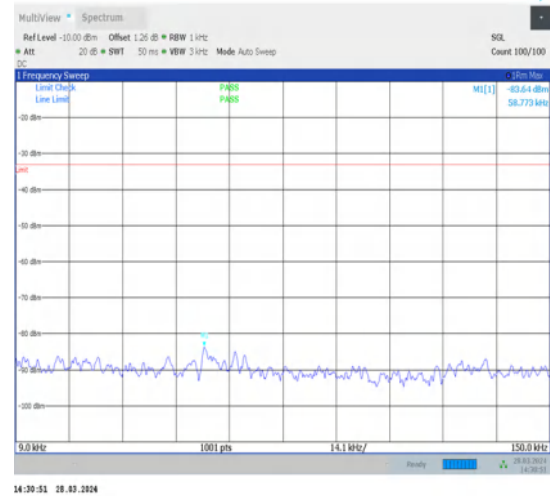
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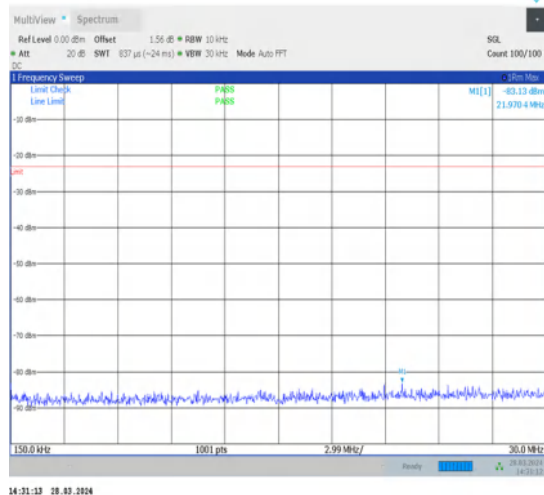
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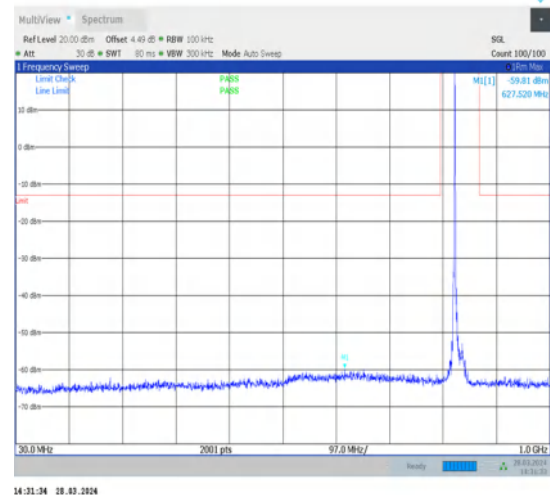
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1-N5-15-20-M-1-DFT-PI2BPSK-Inner\_1RB\_Left-  
1@1-30-1000-Ant1-627.52--59.81--13-PASS



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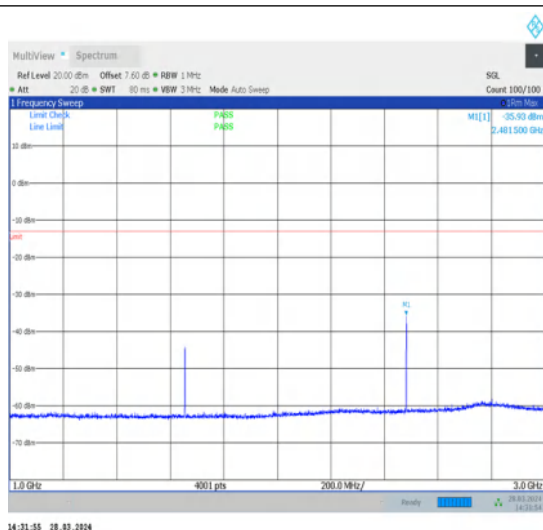
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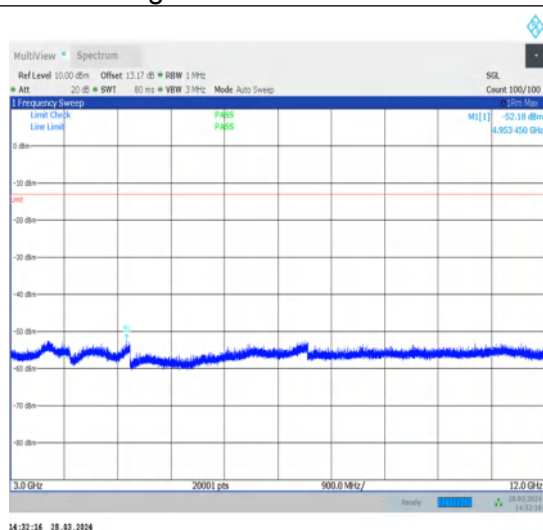
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Rev.: 01

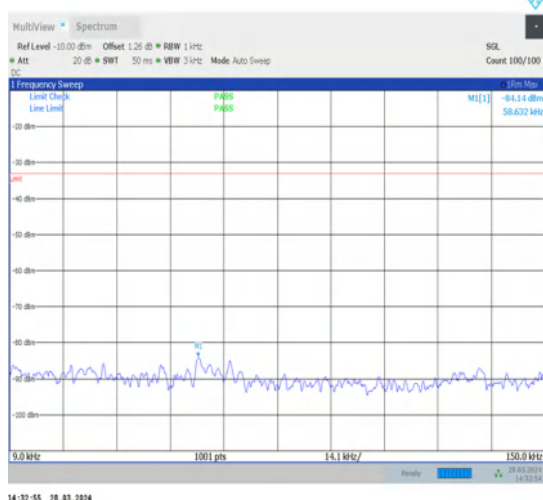
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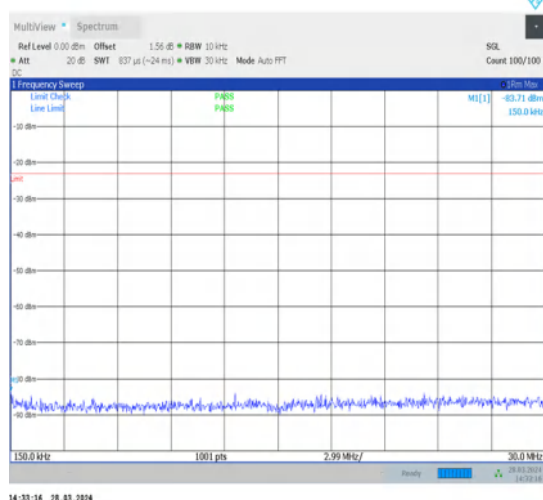
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1-N5-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.009-0.15-Ant1-0.06--84.14--33-PASS



1-N5-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-0.15-30-Ant1-0.15--83.71--23-PASS



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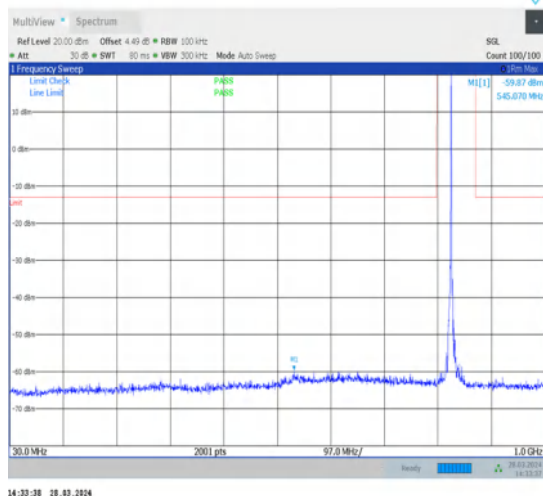
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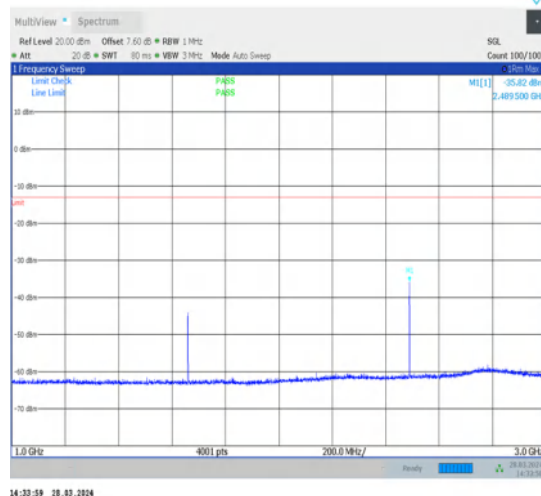
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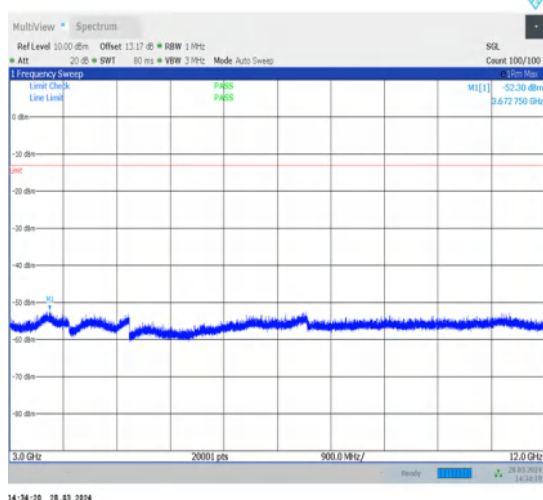
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1-N5-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-30-1000-Ant1-545.07--59.87--13-PASS



1-N5-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-1000-3000-Ant1-2489.50--35.82--13-PASS



1-N5-15-20-H-1-DFT-PI2BPSK-Inner\_1RB\_Left-1@1-3000-12000-Ant1-3672.75--52.30--13-PASS



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### Conducted Spurious Emission for MIMO ANT1

#### Test Graphs



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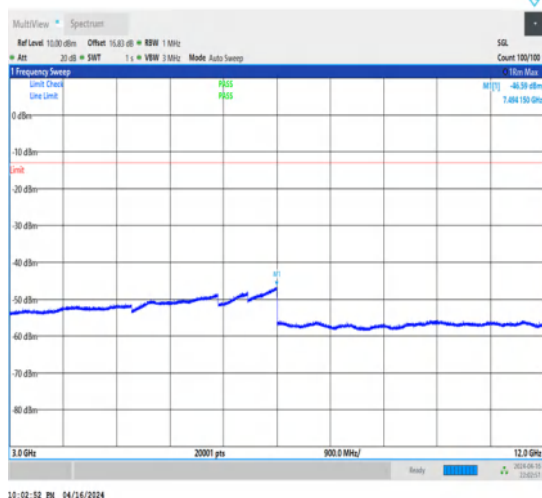
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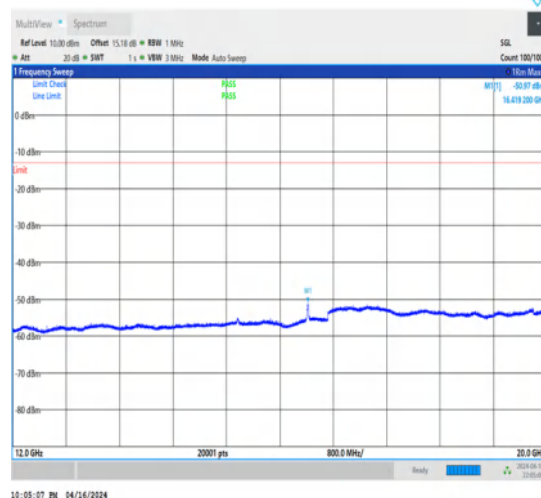
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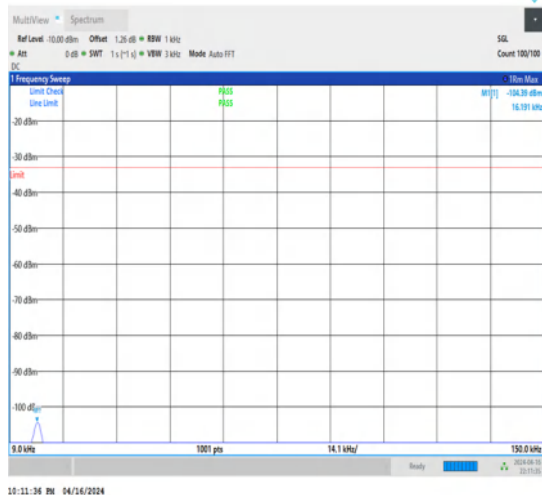
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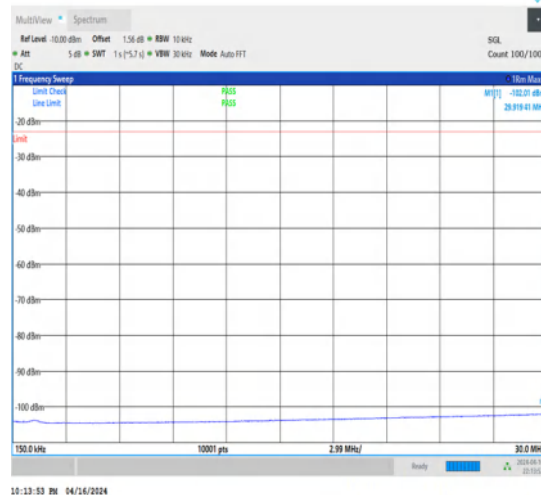
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1-N5-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-0.009-0.15-Ant1-0.02--104.39--33-PASS



1-N5-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-0.15-30-Ant1-29.92--102.01--23-PASS



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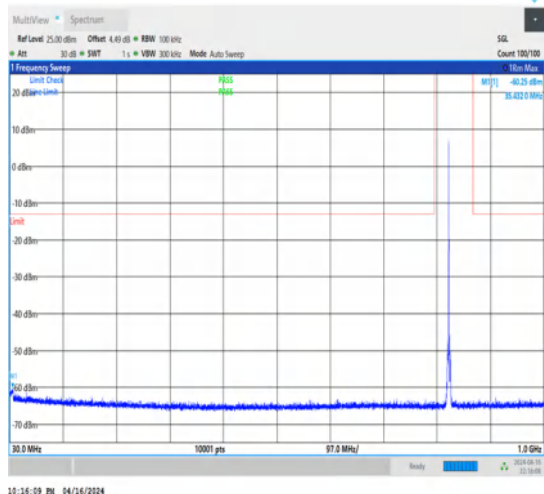
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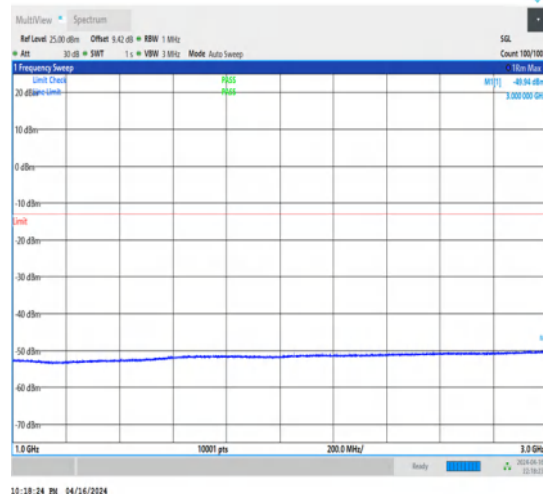
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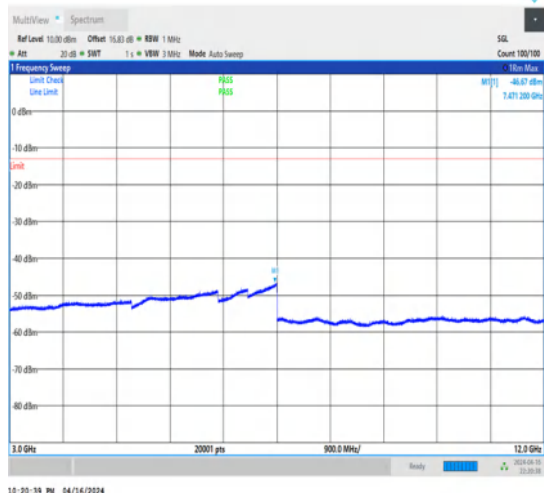
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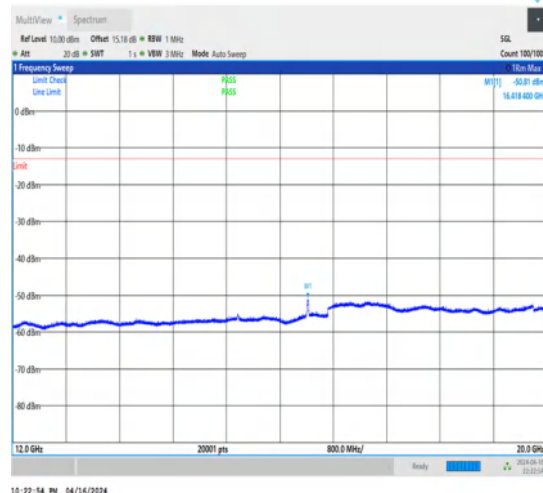
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1-N5-15-20-M-1-DFT-QPSK-Edge\_1RB\_Left-1@0-12000-20000-Ant1-16418.40--50.81--13-PASS



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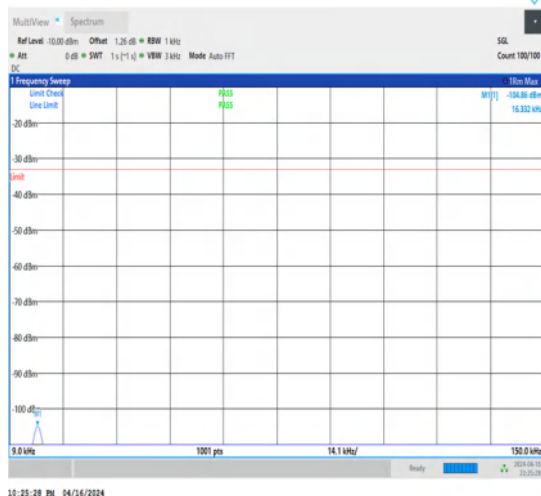
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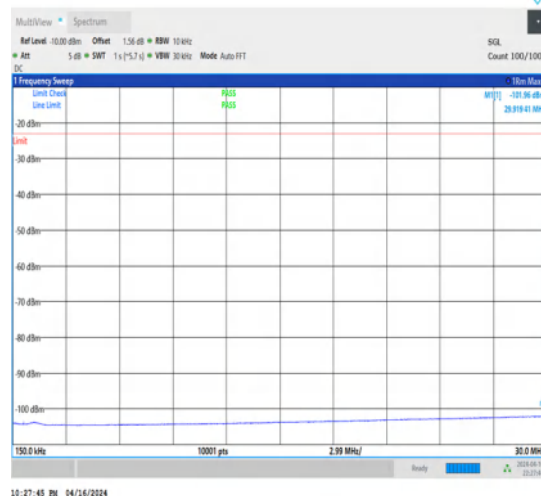
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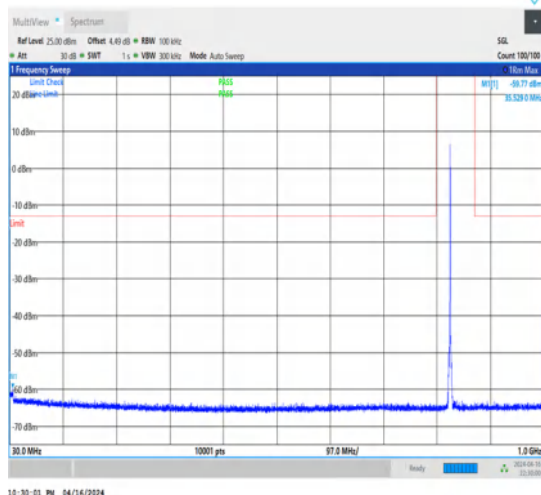
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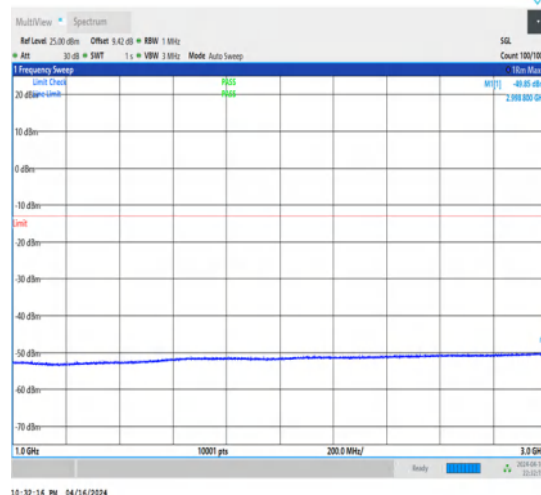
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1-N5-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-1000-3000-Ant1-2998.80--49.85--13-PASS



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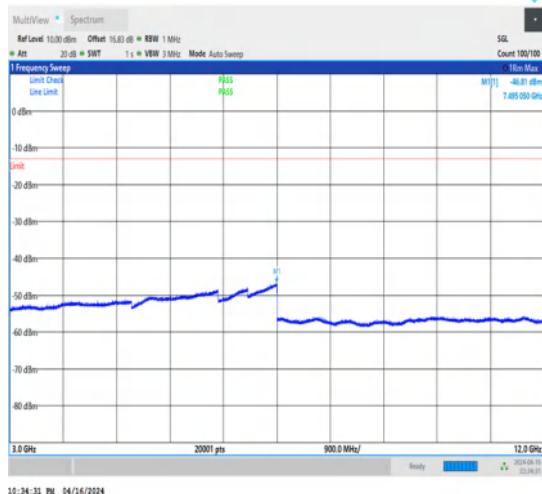
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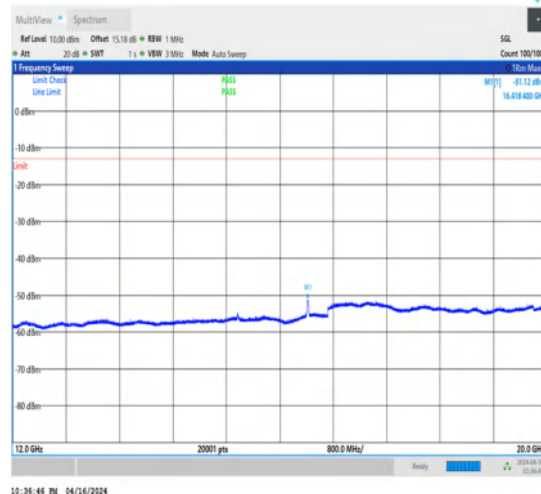
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1-N5-15-20-H-1-DFT-QPSK-Edge\_1RB\_Left-1@0-12000-20000-Ant1-16418.40--51.12--13-PASS



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## Field Strength of Spurious Radiation

Test Band = SA\_n5

Test Channel = LCH

| Final Data List |                |                   |                |          |                |                |                |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1227.5         | 47.65             | -47.29         | 24.55    | -70.35         | -13.00         | 57.35          | Horizontal |
| 2               | 1812.5         | 49.44             | -46.60         | 25.45    | -66.97         | -13.00         | 53.97          | Horizontal |
| 3               | 2638           | 47.33             | -45.50         | 27.90    | -65.53         | -13.00         | 52.53          | Horizontal |
| 4               | 3317           | 47.93             | -44.75         | 28.53    | -63.55         | -13.00         | 50.55          | Horizontal |
| 5               | 4744.5         | 46.00             | -42.94         | 30.51    | -61.69         | -13.00         | 48.69          | Horizontal |
| 6               | 6833           | 44.15             | -39.26         | 35.53    | -54.84         | -13.00         | 41.84          | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1237.5         | 47.48             | -47.25         | 24.53    | -70.50         | -13.00         | 57.50          | Vertical |
| 2               | 1812.5         | 51.79             | -46.60         | 25.45    | -64.62         | -13.00         | 51.62          | Vertical |
| 3               | 2952           | 46.88             | -45.03         | 28.31    | -65.10         | -13.00         | 52.10          | Vertical |
| 4               | 4421           | 46.20             | -43.30         | 30.10    | -62.26         | -13.00         | 49.26          | Vertical |
| 5               | 7059           | 43.55             | -38.91         | 36.15    | -54.47         | -13.00         | 41.47          | Vertical |
| 6               | 9945           | 41.92             | -34.93         | 38.65    | -49.62         | -13.00         | 36.62          | Vertical |



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Test Band = SA\_n5

Test Channel = MCH

| Final Data List |                |                   |                |          |                |                |                |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1294.5         | 47.39             | -47.21         | 24.59    | -70.49         | -13.00         | 57.49          | Horizontal |
| 2               | 1812.5         | 48.96             | -46.60         | 25.45    | -67.45         | -13.00         | 54.45          | Horizontal |
| 3               | 3308.5         | 49.25             | -44.71         | 28.52    | -62.20         | -13.00         | 49.20          | Horizontal |
| 4               | 4796           | 46.05             | -42.83         | 30.78    | -61.26         | -13.00         | 48.26          | Horizontal |
| 5               | 7158           | 43.46             | -38.44         | 36.43    | -53.81         | -13.00         | 40.81          | Horizontal |
| 6               | 9119.5         | 42.27             | -34.97         | 37.04    | -50.92         | -13.00         | 37.92          | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1304           | 47.59             | -47.20         | 24.64    | -70.23         | -13.00         | 57.23          | Vertical |
| 2               | 1812.5         | 51.72             | -46.60         | 25.45    | -64.69         | -13.00         | 51.69          | Vertical |
| 3               | 2928           | 47.52             | -45.23         | 28.21    | -64.76         | -13.00         | 51.76          | Vertical |
| 4               | 5197.5         | 45.78             | -42.08         | 31.90    | -59.66         | -13.00         | 46.66          | Vertical |
| 5               | 7041           | 43.87             | -38.90         | 36.09    | -54.20         | -13.00         | 41.20          | Vertical |
| 6               | 9773           | 41.81             | -35.11         | 38.39    | -50.17         | -13.00         | 37.17          | Vertical |



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**Test Band = SA\_n5**  
**Test Channel = HCH**

| Final Data List |                |                   |                |          |                |                |                |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1356           | 47.36             | -47.06         | 25.08    | -69.88         | -13.00         | 56.88          | Horizontal |
| 2               | 1812.5         | 48.32             | -46.60         | 25.45    | -68.09         | -13.00         | 55.09          | Horizontal |
| 3               | 3318           | 48.77             | -44.76         | 28.54    | -62.71         | -13.00         | 49.71          | Horizontal |
| 4               | 5041.5         | 45.83             | -42.62         | 31.53    | -60.52         | -13.00         | 47.52          | Horizontal |
| 5               | 6838.5         | 44.24             | -39.30         | 35.55    | -54.77         | -13.00         | 41.77          | Horizontal |
| 6               | 8439           | 43.10             | -36.25         | 36.42    | -51.99         | -13.00         | 38.99          | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1812.5         | 51.61             | -46.60         | 25.45    | -64.80         | -13.00         | 51.80          | Vertical |
| 2               | 2349.5         | 47.49             | -46.03         | 27.60    | -66.20         | -13.00         | 53.20          | Vertical |
| 3               | 3318           | 48.88             | -44.76         | 28.54    | -62.60         | -13.00         | 49.60          | Vertical |
| 4               | 4147.5         | 47.81             | -43.63         | 29.41    | -61.67         | -13.00         | 48.67          | Vertical |
| 5               | 6219.5         | 44.87             | -40.31         | 33.38    | -57.32         | -13.00         | 44.32          | Vertical |
| 6               | 8479.5         | 42.90             | -36.04         | 36.46    | -51.94         | -13.00         | 38.94          | Vertical |



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Test Band = n5 ULMIMO\_ TM1

Test Channel = Low

## Final Data List

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| 1   | 1920               | 46.39             | -48.02         | 25.96    | -70.93         | -13.00         | 57.93          | Horizontal |
| 2   | 2428.5714          | 46.24             | -47.40         | 27.06    | -69.36         | -13.00         | 56.36          | Horizontal |
| 3   | 3062.2857          | 46.76             | -46.66         | 28.16    | -67.00         | -13.00         | 54.00          | Horizontal |
| 4   | 4347.4286          | 44.58             | -45.83         | 30.23    | -66.28         | -13.00         | 53.28          | Horizontal |
| 5   | 5292.5714          | 44.94             | -45.27         | 31.93    | -63.66         | -13.00         | 50.66          | Horizontal |
| 6   | 6662.2857          | 43.73             | -44.22         | 34.39    | -61.36         | -13.00         | 48.36          | Horizontal |

## Final Data List

| NO. | Frequency<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
|-----|--------------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| 1   | 1371.4286          | 46.40             | -48.04         | 25.19    | -71.71         | -13.00         | 58.71          | Vertical |
| 2   | 1684.5714          | 46.44             | -48.18         | 25.48    | -71.51         | -13.00         | 58.51          | Vertical |
| 3   | 2088.5714          | 46.37             | -47.73         | 26.38    | -70.24         | -13.00         | 57.24          | Vertical |
| 4   | 2712               | 46.15             | -47.03         | 27.58    | -68.56         | -13.00         | 55.56          | Vertical |
| 5   | 3545.7143          | 45.39             | -46.45         | 28.67    | -67.65         | -13.00         | 54.65          | Vertical |
| 6   | 5378.2857          | 45.29             | -45.04         | 32.08    | -62.93         | -13.00         | 49.93          | Vertical |



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**Test Band = n5 ULMIMO\_ TM1**
**Test Channel = Mid**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 1411.4286       | 46.47          | -48.04      | 25.21    | -71.62      | -13.00      | 58.62       | Horizontal |
| 2               | 1762.8571       | 46.41          | -48.03      | 25.56    | -71.32      | -13.00      | 58.32       | Horizontal |
| 3               | 2581.1429       | 46.15          | -46.99      | 27.35    | -68.76      | -13.00      | 55.76       | Horizontal |
| 4               | 3062.8571       | 47.00          | -46.66      | 28.16    | -66.76      | -13.00      | 53.76       | Horizontal |
| 5               | 4444            | 44.62          | -45.76      | 30.47    | -65.94      | -13.00      | 52.94       | Horizontal |
| 6               | 5437.1429       | 45.39          | -45.03      | 32.19    | -62.72      | -13.00      | 49.72       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 1227.4286       | 46.52          | -48.45      | 25.11    | -72.08      | -13.00      | 59.08       | Vertical |
| 2               | 1642.8571       | 46.47          | -48.23      | 25.44    | -71.58      | -13.00      | 58.58       | Vertical |
| 3               | 2228            | 46.47          | -47.63      | 26.66    | -69.76      | -13.00      | 56.76       | Vertical |
| 4               | 3062.2857       | 46.26          | -46.66      | 28.16    | -67.50      | -13.00      | 54.50       | Vertical |
| 5               | 4312.5714       | 44.10          | -45.79      | 30.15    | -66.80      | -13.00      | 53.80       | Vertical |
| 6               | 5422.8571       | 45.43          | -45.01      | 32.16    | -62.68      | -13.00      | 49.68       | Vertical |



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**Test Band = n5 ULMIMO\_ TM1**
**Test Channel = High**

| Final Data List |                 |                |             |          |             |             |             |            |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|------------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity   |
| 1               | 1441.7143       | 46.85          | -48.13      | 25.24    | -71.30      | -13.00      | 58.30       | Horizontal |
| 2               | 1812.5714       | 47.16          | -47.96      | 25.64    | -70.42      | -13.00      | 57.42       | Horizontal |
| 3               | 2589.7143       | 46.06          | -46.96      | 27.36    | -68.80      | -13.00      | 55.80       | Horizontal |
| 4               | 3156.5714       | 45.77          | -46.49      | 28.26    | -67.72      | -13.00      | 54.72       | Horizontal |
| 5               | 4450.8571       | 44.78          | -45.74      | 30.48    | -65.74      | -13.00      | 52.74       | Horizontal |
| 6               | 5411.4286       | 45.94          | -44.99      | 32.14    | -62.17      | -13.00      | 49.17       | Horizontal |

| Final Data List |                 |                |             |          |             |             |             |          |
|-----------------|-----------------|----------------|-------------|----------|-------------|-------------|-------------|----------|
| NO.             | Frequency [MHz] | Reading [dBμV] | Factor [dB] | AF[dB/m] | Level [dBm] | Limit [dBm] | Margin [dB] | Polarity |
| 1               | 1264            | 47.43          | -48.29      | 25.13    | -70.99      | -13.00      | 57.99       | Vertical |
| 2               | 1648.5714       | 46.14          | -48.22      | 25.45    | -71.89      | -13.00      | 58.89       | Vertical |
| 3               | 1961.1429       | 46.43          | -47.96      | 26.08    | -70.70      | -13.00      | 57.70       | Vertical |
| 4               | 2788.5714       | 45.72          | -46.93      | 27.72    | -68.76      | -13.00      | 55.76       | Vertical |
| 5               | 3866.2857       | 44.93          | -46.21      | 29.19    | -67.35      | -13.00      | 54.35       | Vertical |
| 6               | 4901.7143       | 44.77          | -45.58      | 31.24    | -64.83      | -13.00      | 51.83       | Vertical |



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Test Band = NSA\_B48+n5

Test Channel = LCH

| Final Data List |                |                   |                |          |                |                |                |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1595.4246      | 36.45             | -17.41         | 25.02    | -51.20         | -13.00         | 38.20          | Horizontal |
| 2               | 6019.1683      | 38.60             | -10.81         | 33.19    | -34.28         | -13.00         | 21.28          | Horizontal |
| 3               | 7245.8123      | 48.18             | -38.80         | 36.33    | -49.55         | -13.00         | 36.55          | Horizontal |
| 4               | 11344.6172     | 44.33             | -35.62         | 40.19    | -46.36         | -13.00         | 33.36          | Horizontal |
| 5               | 14491.1746     | 42.60             | -32.17         | 41.60    | -43.23         | -13.00         | 30.23          | Horizontal |
| 6               | 16427.8714     | 40.96             | -28.48         | 38.94    | -43.84         | -13.00         | 30.84          | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1805.8172      | 36.41             | -17.10         | 25.42    | -50.53         | -13.00         | 37.53          | Vertical |
| 2               | 6081.9652      | 38.70             | -10.98         | 33.44    | -34.10         | -13.00         | 21.10          | Vertical |
| 3               | 7245.8123      | 58.94             | -38.80         | 36.33    | -38.79         | -13.00         | 25.79          | Vertical |
| 4               | 10868.4934     | 47.68             | -35.47         | 40.01    | -43.04         | -13.00         | 30.04          | Vertical |
| 5               | 14491.1746     | 49.56             | -32.17         | 41.60    | -36.27         | -13.00         | 23.27          | Vertical |
| 6               | 16407.1704     | 41.61             | -28.72         | 38.84    | -43.53         | -13.00         | 30.53          | Vertical |



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**Test Band = NSA\_B48+n5**

**Test Channel = MCH**

| Final Data List |                |                   |                |          |                |                |                |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1377.6981      | 35.50             | -17.43         | 24.99    | -52.20         | -13.00         | 39.20          | Horizontal |
| 2               | 5749.6458      | 39.39             | -10.91         | 32.50    | -34.28         | -13.00         | 21.28          | Horizontal |
| 3               | 7245.8123      | 55.44             | -38.80         | 36.33    | -42.29         | -13.00         | 29.29          | Horizontal |
| 4               | 10868.4934     | 50.26             | -35.47         | 40.01    | -40.46         | -13.00         | 27.46          | Horizontal |
| 5               | 14491.1746     | 54.14             | -32.17         | 41.60    | -31.69         | -13.00         | 18.69          | Horizontal |
| 6               | 16451.4476     | 40.90             | -28.24         | 39.06    | -43.54         | -13.00         | 30.54          | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 2100.0917      | 37.12             | -16.99         | 26.80    | -48.33         | -13.00         | 35.33          | Vertical |
| 2               | 6210.7676      | 38.67             | -10.55         | 33.44    | -33.70         | -13.00         | 20.70          | Vertical |
| 3               | 7245.8123      | 63.43             | -38.80         | 36.33    | -34.30         | -13.00         | 21.30          | Vertical |
| 4               | 10869.0685     | 53.10             | -35.47         | 40.01    | -37.62         | -13.00         | 24.62          | Vertical |
| 5               | 14491.7496     | 54.02             | -32.16         | 41.60    | -31.80         | -13.00         | 18.80          | Vertical |
| 6               | 16491.1246     | 41.37             | -29.20         | 39.26    | -43.83         | -13.00         | 30.83          | Vertical |



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**Test Band = NSA\_B48+n5**
**Test Channel = HCH**

| Final Data List |                |                   |                |          |                |                |                |            |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|------------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity   |
| 1               | 1598.1748      | 36.39             | -17.41         | 25.07    | -51.21         | -13.00         | 38.21          | Horizontal |
| 2               | 5635.9697      | 38.61             | -11.49         | 32.53    | -35.61         | -13.00         | 22.61          | Horizontal |
| 3               | 7245.8123      | 55.07             | -38.80         | 36.33    | -42.66         | -13.00         | 29.66          | Horizontal |
| 4               | 10868.4934     | 45.96             | -35.47         | 40.01    | -44.76         | -13.00         | 31.76          | Horizontal |
| 5               | 14491.1746     | 52.53             | -32.17         | 41.60    | -33.30         | -13.00         | 20.30          | Horizontal |
| 6               | 16495.1498     | 41.58             | -29.29         | 39.28    | -43.69         | -13.00         | 30.69          | Horizontal |

| Final Data List |                |                   |                |          |                |                |                |          |
|-----------------|----------------|-------------------|----------------|----------|----------------|----------------|----------------|----------|
| NO.             | Freq.<br>[MHz] | Reading<br>[dBμV] | Factor<br>[dB] | AF[dB/m] | Level<br>[dBm] | Limit<br>[dBm] | Margin<br>[dB] | Polarity |
| 1               | 1647.679       | 36.53             | -16.90         | 25.48    | -50.15         | -13.00         | 37.15          | Vertical |
| 2               | 5953.1628      | 39.24             | -11.00         | 32.91    | -34.11         | -13.00         | 21.11          | Vertical |
| 3               | 7245.8123      | 63.28             | -38.80         | 36.33    | -34.45         | -13.00         | 21.45          | Vertical |
| 4               | 10868.4934     | 54.43             | -35.47         | 40.01    | -36.29         | -13.00         | 23.29          | Vertical |
| 5               | 14491.7496     | 54.02             | -32.16         | 41.60    | -31.80         | -13.00         | 18.80          | Vertical |
| 6               | 16452.0226     | 41.00             | -28.26         | 39.06    | -43.46         | -13.00         | 30.46          | 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

2) All antennas of RSE are tested, and only the worst data is presented.



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## Frequency Stability for SA

### Test Result

### Frequency Error VS. Voltage

| Voltage |     |           |             |         |            |         |             |                |                 |         |
|---------|-----|-----------|-------------|---------|------------|---------|-------------|----------------|-----------------|---------|
| Band    | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation (Hz) | Deviation (ppm) | Verdict |
| N5      | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VH      | NT          | -8.200000      | -0.009803       | PASS    |
| N5      | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VN      | NT          | -8.000000      | -0.009564       | PASS    |
| N5      | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | VL      | NT          | -7.500000      | -0.008966       | PASS    |
| N5      | 15  | 20        | CP-QPSK     | M       | Outer_Full | VH      | NT          | 0.000000       | 0.000000        | PASS    |
| N5      | 15  | 20        | CP-QPSK     | M       | Outer_Full | VN      | NT          | -0.500000      | -0.000598       | PASS    |
| N5      | 15  | 20        | CP-QPSK     | M       | Outer_Full | VL      | NT          | -1.700000      | -0.002032       | PASS    |



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**Frequency Error VS. Temperature**

| Temperature |     |           |             |         |            |         |             |                |                 |         |
|-------------|-----|-----------|-------------|---------|------------|---------|-------------|----------------|-----------------|---------|
| Band        | SCS | Bandwidth | Modulation  | Channel | RB Config  | Voltage | Temperature | Deviation (Hz) | Deviation (ppm) | Verdict |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | -30         | -8.900000      | -0.010640       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | -20         | -7.100000      | -0.008488       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | -10         | -7.800000      | -0.009325       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 0           | -7.500000      | -0.008966       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 10          | -8.500000      | -0.010161       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 20          | -6.600000      | -0.007890       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 30          | -5.900000      | -0.007053       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 40          | -7.900000      | -0.009444       | PASS    |
| N5          | 15  | 20        | DFT-PI2BPSK | M       | Outer_Full | NV      | 50          | -8.000000      | -0.009564       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | -30         | -0.600000      | -0.000717       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | -20         | -1.300000      | -0.001554       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | -10         | -1.000000      | -0.001195       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 0           | -1.200000      | -0.001435       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 10          | -1.700000      | -0.002032       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 20          | -1.200000      | -0.001435       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 30          | -1.900000      | -0.002271       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 40          | -0.300000      | -0.000359       | PASS    |
| N5          | 15  | 20        | CP-QPSK     | M       | Outer_Full | NV      | 50          | -0.500000      | -0.000598       | PASS    |

---End of Attachment---



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