# Appendix A: Effective (Isotropic) Radiated Power Output Data

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band38 | 5MHz | QPSK | 37775 | 1RB#0 | 20.43 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#12 | 20.63 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#24 | 20.69 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#0 | 19.50 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#6 | 19.49 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 12RB#13 | 19.67 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 19.63 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#0 | 20.80 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#12 | 20.87 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#24 | 20.81 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#0 | 19.79 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#6 | 19.79 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 12RB#13 | 19.82 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 19.81 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#0 | 21.06 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#12 | 21.09 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#24 | 21.11 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#0 | 19.92 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#6 | 19.92 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 12RB#13 | 20.00 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 19.96 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#0 | 19.90 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#12 | 20.03 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#24 | 20.12 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#0 | 18.39 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#6 | 18.38 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 12RB#13 | 18.55 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 18.56 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#0 | 19.85 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#12 | 20.01 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#24 | 19.95 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#0 | 18.82 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#6 | 18.81 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 12RB#13 | 18.79 | PASS |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 18.78 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#0 | 20.39 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#12 | 20.40 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#24 | 20.47 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#0 | 18.83 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#6 | 18.83 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 12RB#13 | 18.90 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 18.89 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#0 | 21.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#24 | 21.19 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#49 | 21.11 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#0 | 19.90 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#12 | 19.90 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 25RB#25 | 20.00 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 20.25 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#0 | 21.15 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#24 | 21.29 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#49 | 21.18 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#0 | 20.02 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#12 | 20.03 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 25RB#25 | 20.00 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 20.12 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#0 | 21.22 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#24 | 21.34 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#49 | 21.31 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#0 | 20.08 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#12 | 20.09 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 25RB#25 | 20.09 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 20.30 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 20.19 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24 | 20.38 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49 | 20.34 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0 | 18.89 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 18.89 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 18.99 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 19.21 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 19.72 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24 | 19.93 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49 | 19.80 | PASS |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0 | 18.99 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 18.99 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 19.03 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 19.18 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 20.14 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24 | 20.29 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49 | 20.31 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0 | 19.09 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 19.09 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 19.14 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 19.34 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#0 | 21.05 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#38 | 21.18 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#74 | 21.21 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#0 | 20.18 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#18 | 20.18 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 38RB#37 | 20.18 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 20.18 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#0 | 21.23 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#38 | 21.35 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#74 | 21.32 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#0 | 20.25 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#18 | 20.25 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 38RB#37 | 20.25 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 20.05 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#0 | 21.20 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#38 | 21.40 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#74 | 21.49 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#0 | 20.27 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#18 | 20.26 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 38RB#37 | 20.26 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 20.01 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 20.20 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38 | 20.48 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74 | 20.41 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0 | 20.18 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 20.18 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 20.18 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 19.22 | PASS |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 20.02 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38 | 20.20 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74 | 20.06 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0 | 20.25 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 20.25 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 20.25 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 19.22 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 20.15 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38 | 20.32 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74 | 20.42 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0 | 20.26 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 20.26 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 20.26 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 19.08 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#0 | 21.37 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#49 | 21.36 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#99 | 21.04 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#0 | 20.26 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#25 | 20.16 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 50RB#50 | 20.12 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 20.18 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#0 | 20.90 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#49 | 21.35 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#99 | 21.00 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#0 | 20.04 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#25 | 20.05 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 50RB#50 | 20.07 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 19.96 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#0 | 20.97 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#49 | 21.26 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#99 | 21.13 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#0 | 20.22 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#25 | 20.07 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 50RB#50 | 20.14 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 20.00 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 20.49 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49 | 20.48 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99 | 20.22 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0 | 19.36 | PASS |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 19.36 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 19.31 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 19.24 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 20.48 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49 | 20.51 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99 | 20.60 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0 | 19.22 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 19.22 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 19.24 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 19.11 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 19.03 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49 | 20.39 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99 | 20.36 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0 | 19.25 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 19.25 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 19.41 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 19.15 | PASS |

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# Appendix B: Peak-to-Average Ratio(CCDF)

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band38 | 5MHz | QPSK | 37775 | 1RB#0 | 9.44 | 13 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 9.43 | 13 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 1RB#0 | 9.11 | 13 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 9.23 | 13 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#0 | 8.54 | 13 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 9.11 | 13 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#0 | 9.80 | 13 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 9.92 | 13 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 1RB#0 | 9.45 | 13 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 9.93 | 13 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#0 | 9.30 | 13 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 9.72 | 13 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#0 | 8.98 | 13 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 8.88 | 13 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 1RB#0 | 9.00 | 13 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 9.03 | 13 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#0 | 8.77 | 13 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 9.18 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 9.96 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 9.51 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 9.78 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 10.08 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 9.76 | 13 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 9.80 | 13 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#0 | 8.78 | 13 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 9.20 | 13 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 1RB#0 | 9.26 | 13 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 9.79 | 13 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#0 | 9.08 | 13 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 9.53 | 13 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 10.36 | 13 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 9.66 | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 9.37 | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 10.11 | 13 | PASS |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 10.14 | 13 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 10.11 | 13 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#0 | 9.04 | 13 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 9.08 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 1RB#0 | 8.56 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 9.25 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#0 | 8.94 | 13 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 8.63 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 10.44 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 9.67 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 9.34 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 9.77 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 10.32 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 10.12 | 13 | PASS |

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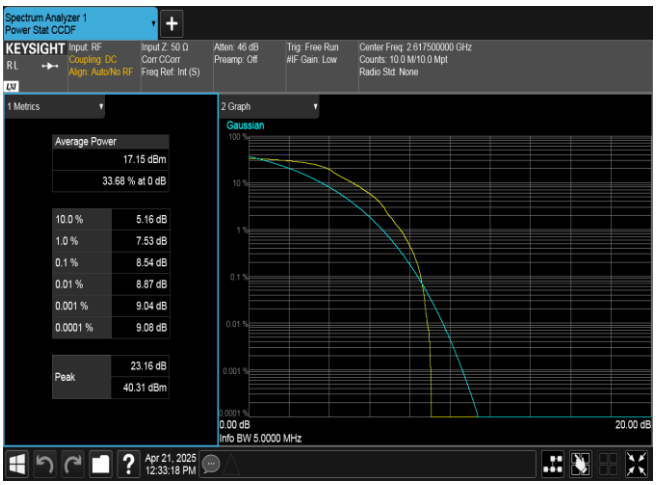
## Test Graphs

Band38-5MHz-QPSK-37775-1RB#0-PASS

Band38-5MHz-QPSK-37775-25RB#0-PASS

Band38-5MHz-QPSK-38000-1RB#0-PASS

Band38-5MHz-QPSK-38000-25RB#0-PASS




Band38-5MHz-QPSK-38225-1RB#0-PASS

Band38-5MHz-QPSK-38225-25RB#0-PASS

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Band38-5MHz-16QAM-37775-1RB#0-PASS

Band38-5MHz-16QAM-37775-25RB#0-PASS

Band38-5MHz-16QAM-38000-1RB#0-PASS

Band38-5MHz-16QAM-38000-25RB#0-PASS

Band38-5MHz-16QAM-38225-1RB#0-PASS

Band38-5MHz-16QAM-38225-25RB#0-PASS

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Band38-10MHz-QPSK-37800-1RB#0-PASS

Band38-10MHz-QPSK-37800-50RB#0-PASS

Band38-10MHz-QPSK-38000-1RB#0-PASS

Band38-10MHz-QPSK-38000-50RB#0-PASS

Band38-10MHz-QPSK-38200-1RB#0-PASS

Band38-10MHz-QPSK-38200-50RB#0-PASS

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Band38-10MHz-16QAM-37800-1RB#0-PASS

Band38-10MHz-16QAM-37800-50RB#0-PASS

Band38-10MHz-16QAM-38000-1RB#0-PASS

Band38-10MHz-16QAM-38000-50RB#0-PASS

Band38-10MHz-16QAM-38200-1RB#0-PASS

Band38-10MHz-16QAM-38200-50RB#0-PASS

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Band38-15MHz-QPSK-37825-1RB#0-PASS

Band38-15MHz-QPSK-37825-75RB#0-PASS

Band38-15MHz-QPSK-38000-1RB#0-PASS

Band38-15MHz-QPSK-38000-75RB#0-PASS

Band38-15MHz-QPSK-38175-1RB#0-PASS

Band38-15MHz-QPSK-38175-75RB#0-PASS

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Band38-15MHz-16QAM-37825-1RB#0-PASS

Band38-15MHz-16QAM-37825-75RB#0-PASS

Band38-15MHz-16QAM-38000-1RB#0-PASS

Band38-15MHz-16QAM-38000-75RB#0-PASS

Band38-15MHz-16QAM-38175-1RB#0-PASS

Band38-15MHz-16QAM-38175-75RB#0-PASS

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Band38-20MHz-QPSK-37850-1RB#0-PASS

Band38-20MHz-QPSK-37850-100RB#0-PASS

Band38-20MHz-QPSK-38000-1RB#0-PASS

Band38-20MHz-QPSK-38000-100RB#0-PASS

Band38-20MHz-QPSK-38150-1RB#0-PASS

Band38-20MHz-QPSK-38150-100RB#0-PASS

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Band38-20MHz-16QAM-37850-1RB#0-PASS

Band38-20MHz-16QAM-37850-100RB#0-PASS

Band38-20MHz-16QAM-38000-1RB#0-PASS

Band38-20MHz-16QAM-38000-100RB#0-PASS

Band38-20MHz-16QAM-38150-1RB#0-PASS

Band38-20MHz-16QAM-38150-100RB#0-PASS

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# Appendix C: 26dB Bandwidth and Occupied Bandwidth

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | 4.5042 | 5.063 | PASS |
| Band38 | 5MHz | QPSK | 38000 | 25RB#0 | 4.4897 | 4.959 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | 4.5037 | 5.058 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | 4.4846 | 4.948 | PASS |
| Band38 | 5MHz | 16QAM | 38000 | 25RB#0 | 4.4878 | 4.909 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | 4.4832 | 4.936 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | 8.9819 | 10.32 | PASS |
| Band38 | 10MHz | QPSK | 38000 | 50RB#0 | 8.9833 | 9.838 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | 8.9662 | 10.10 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | 8.9749 | 9.796 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0 | 8.9743 | 9.983 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | 8.9439 | 9.785 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | 13.464 | 14.81 | PASS |
| Band38 | 15MHz | QPSK | 38000 | 75RB#0 | 13.411 | 14.48 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | 13.440 | 14.44 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | 13.471 | 14.69 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0 | 13.445 | 14.93 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | 13.480 | 14.60 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | 17.914 | 19.07 | PASS |
| Band38 | 20MHz | QPSK | 38000 | 100RB#0 | 17.894 | 19.82 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | 17.893 | 19.38 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 17.902 | 19.59 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 17.900 | 19.40 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 17.891 | 20.43 | PASS |

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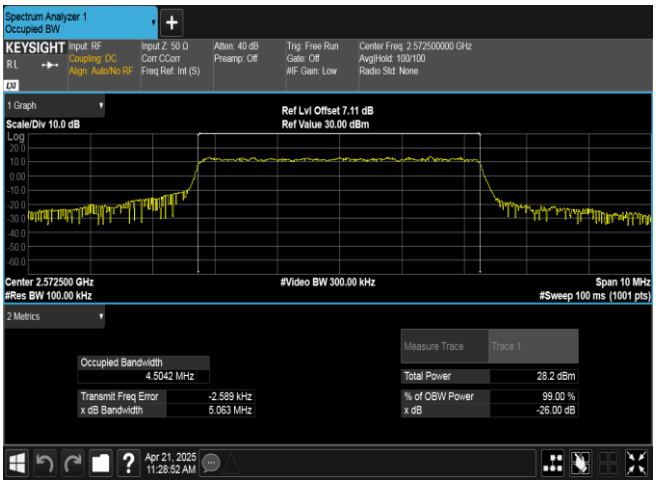
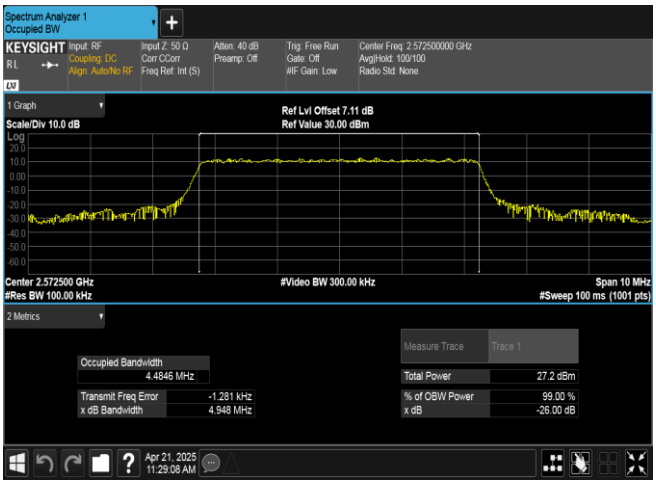
## Test Graphs



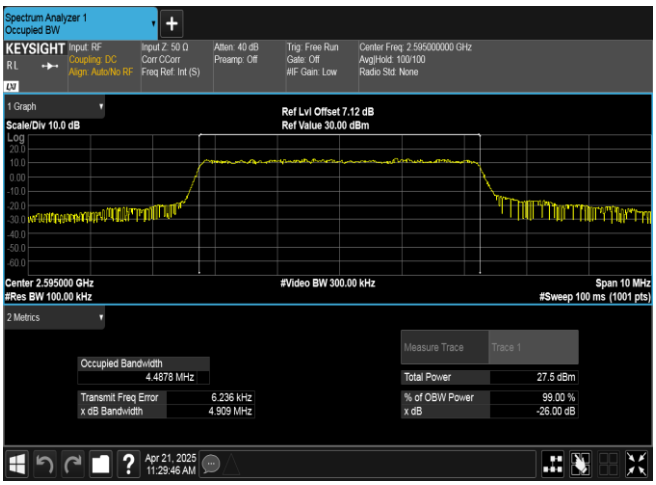

Band38-5MHz-QPSK-37775-25RB#0-PASS

Band38-5MHz-QPSK-38000-25RB#0-PASS

Band38-5MHz-QPSK-38225-25RB#0-PASS




Band38-5MHz-16QAM-37775-25RB#0-PASS




Band38-5MHz-16QAM-38000-25RB#0-PASS

Band38-5MHz-16QAM-38225-25RB#0-PASS

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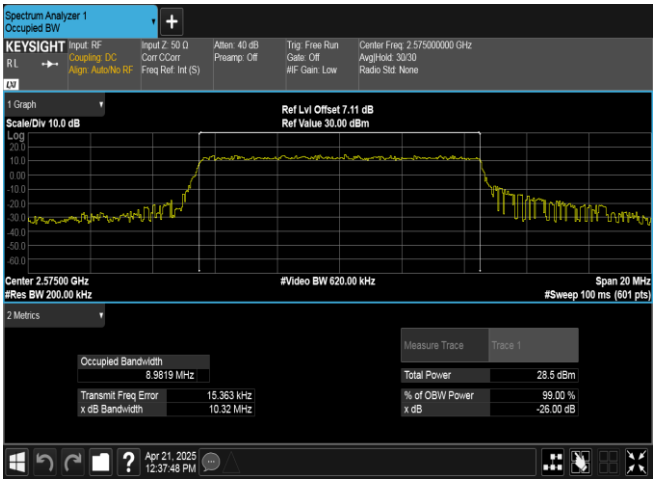
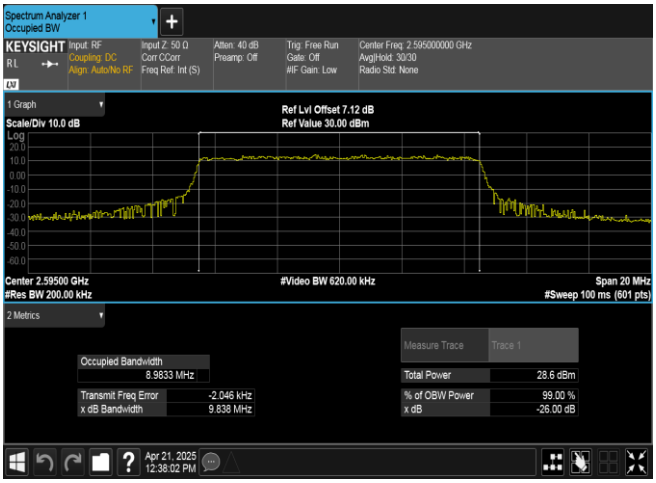
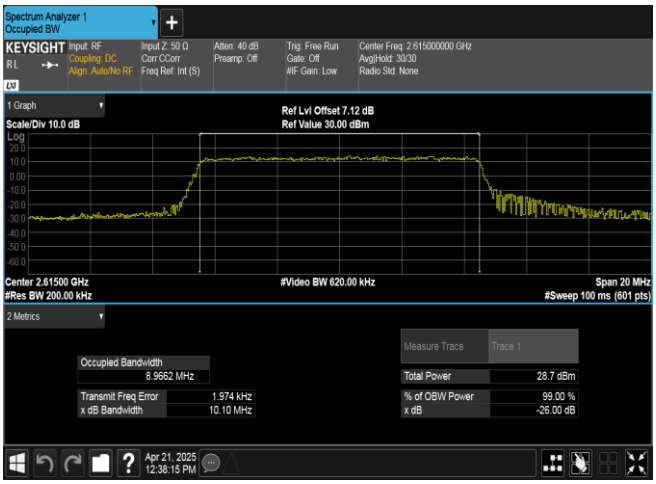


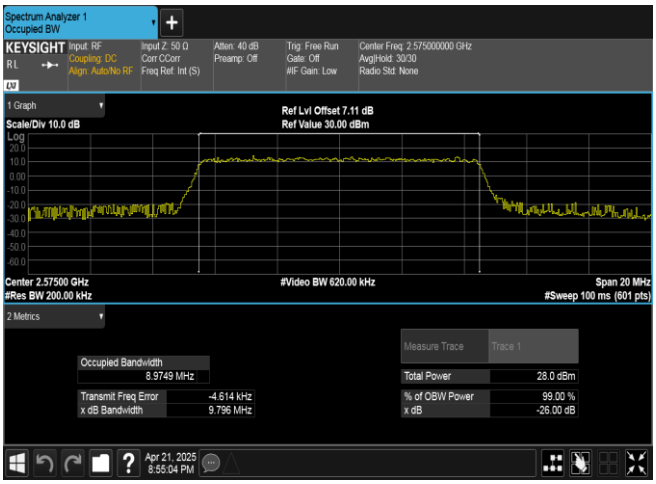

Band38-10MHz-QPSK-37800-50RB#0-PASS



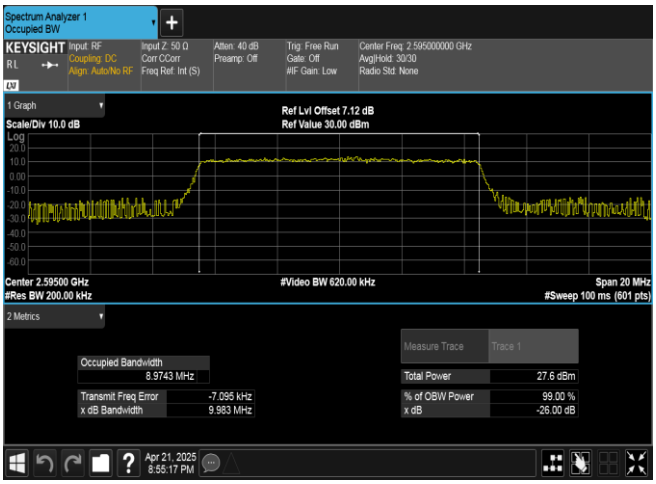

Band38-10MHz-QPSK-38000-50RB#0-PASS



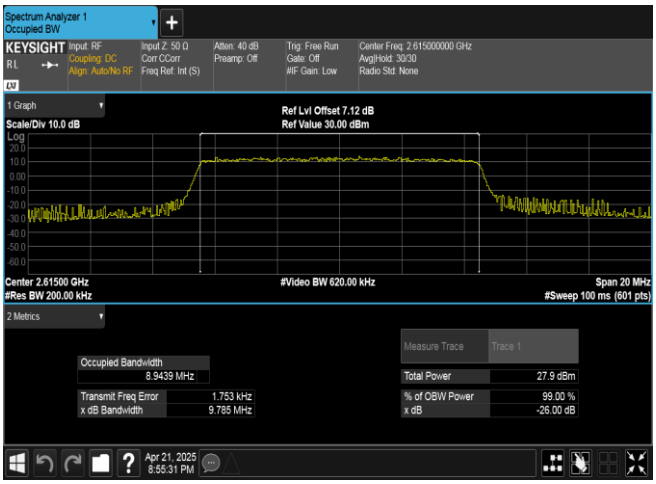

Band38-10MHz-QPSK-38200-50RB#0-PASS




Band38-10MHz-16QAM-37800-50RB#0-PASS




Band38-10MHz-16QAM-38000-50RB#0-PASS




Band38-10MHz-16QAM-38200-50RB#0-PASS

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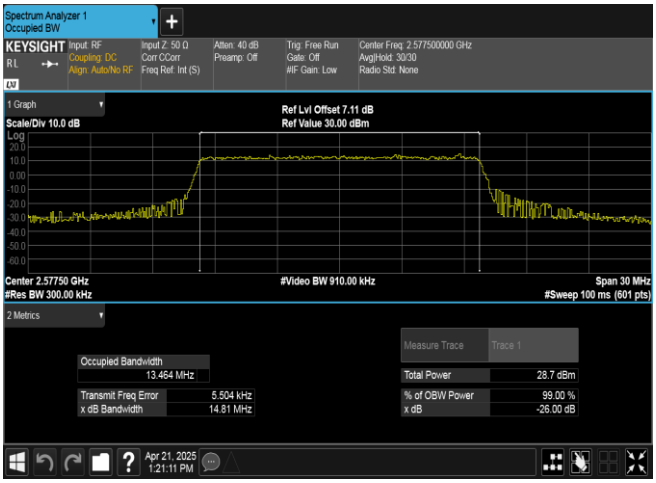
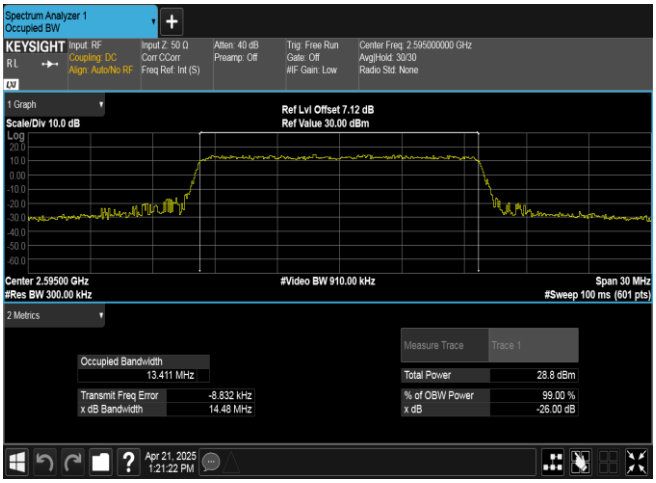
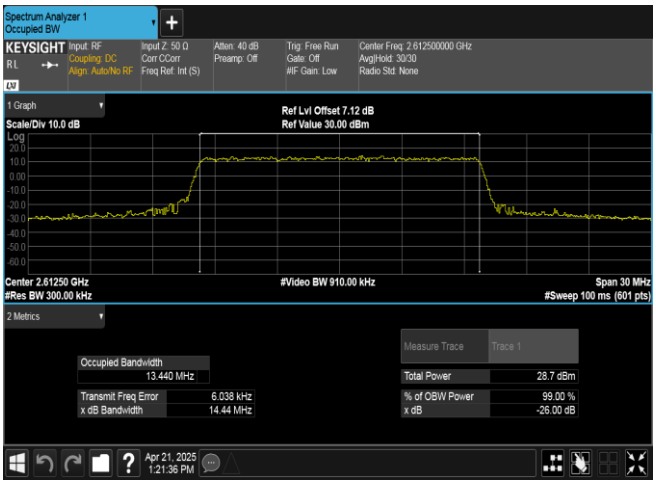



Band38-15MHz-QPSK-37825-75RB#0-PASS

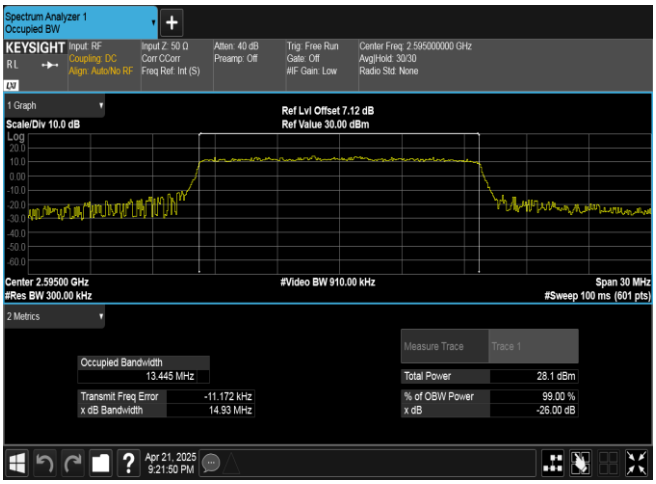



Band38-15MHz-QPSK-38000-75RB#0-PASS

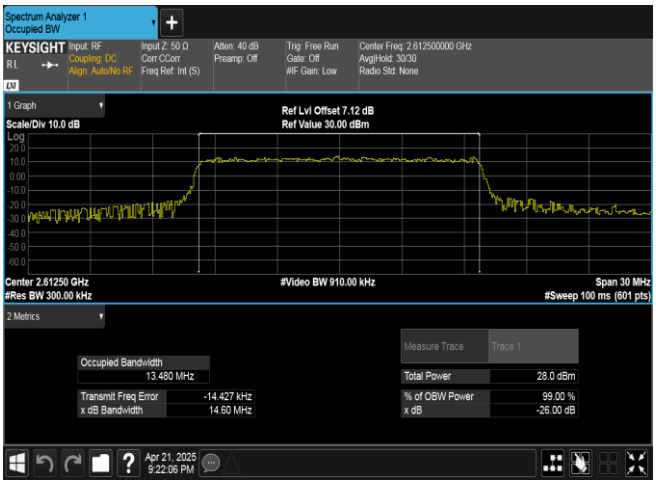



Band38-15MHz-QPSK-38175-75RB#0-PASS

Band38-15MHz-16QAM-37825-75RB#0-PASS




Band38-15MHz-16QAM-38000-75RB#0-PASS




Band38-15MHz-16QAM-38175-75RB#0-PASS

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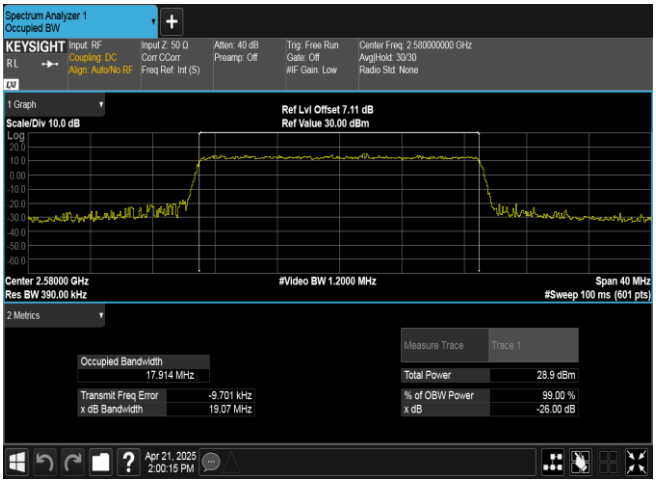
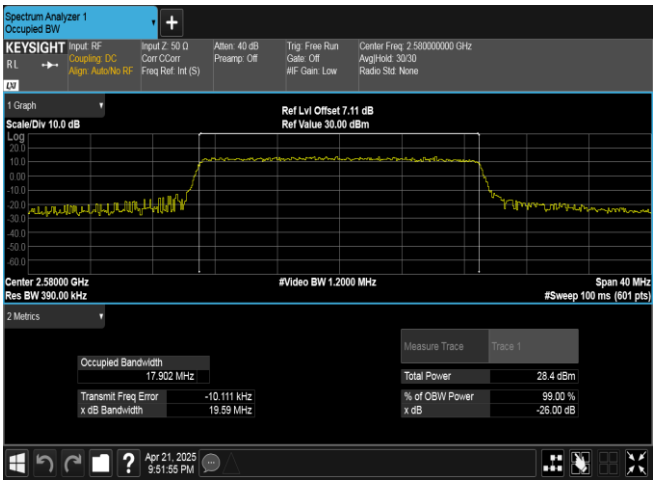



Band38-20MHz-QPSK-37850-100RB#0-PASS

Band38-20MHz-QPSK-38000-100RB#0-PASS

Band38-20MHz-QPSK-38150-100RB#0-PASS




Band38-20MHz-16QAM-37850-100RB#0-PASS

Band38-20MHz-16QAM-38000-100RB#0-PASS

Band38-20MHz-16QAM-38150-100RB#0-PASS

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# Appendix D: Band Edge

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band38 | 5MHz | QPSK | 37775 | 1RB#0 | -45.29 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 1RB#24 | -47.51 | PASS |
| Band38 | 5MHz | QPSK | 37775 | 25RB#0 | -44.89 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#0 | -47.37 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 1RB#24 | -45.27 | PASS |
| Band38 | 5MHz | QPSK | 38225 | 25RB#0 | -42.85 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#0 | -46.31 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 1RB#24 | -47.31 | PASS |
| Band38 | 5MHz | 16QAM | 37775 | 25RB#0 | -43.45 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#0 | -47.53 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 1RB#24 | -45.31 | PASS |
| Band38 | 5MHz | 16QAM | 38225 | 25RB#0 | -41.02 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#0 | -47.60 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 1RB#49 | -47.32 | PASS |
| Band38 | 10MHz | QPSK | 37800 | 50RB#0 | -47.18 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#0 | -49.36 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 1RB#49 | -47.31 | PASS |
| Band38 | 10MHz | QPSK | 38200 | 50RB#0 | -46.32 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | -47.89 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49 | -47.53 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0 | -47.62 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | -49.36 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49 | -47.74 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0 | -46.49 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#0 | -47.41 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 1RB#74 | -49.24 | PASS |
| Band38 | 15MHz | QPSK | 37825 | 75RB#0 | -45.69 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#0 | -49.41 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 1RB#74 | -48.99 | PASS |
| Band38 | 15MHz | QPSK | 38175 | 75RB#0 | -46.12 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | -47.75 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74 | -49.24 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0 | -46.90 | PASS |

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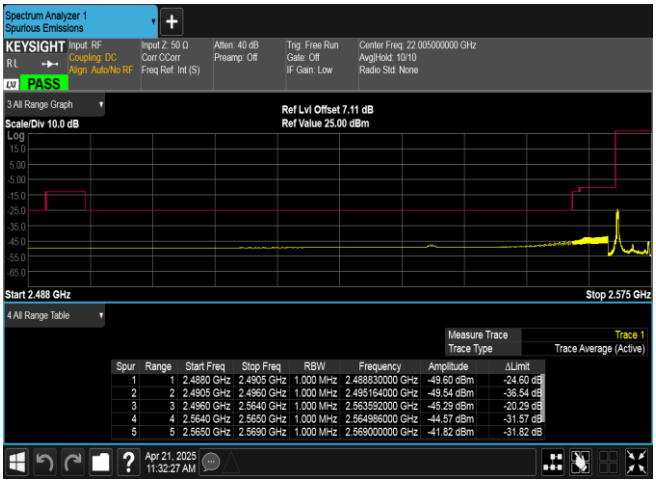
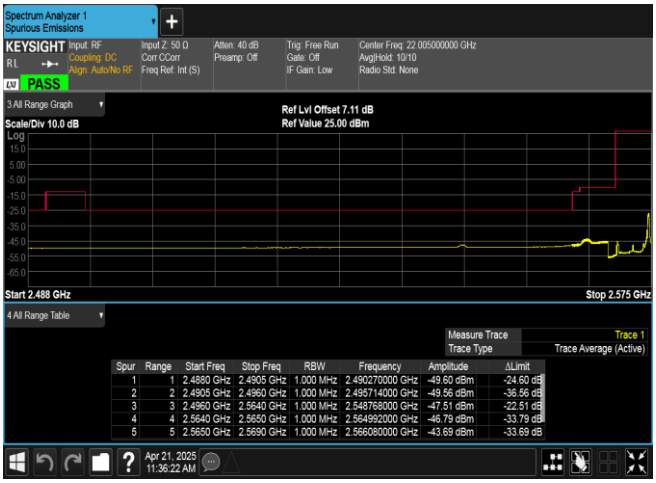
| | | | | | | |
|---|---|---|---|---|---|---|
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | -49.38 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74 | -49.10 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0 | -46.20 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#0 | -47.82 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 1RB#99 | -49.32 | PASS |
| Band38 | 20MHz | QPSK | 37850 | 100RB#0 | -46.94 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#0 | -49.50 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 1RB#99 | -47.52 | PASS |
| Band38 | 20MHz | QPSK | 38150 | 100RB#0 | -47.14 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | -47.87 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99 | -49.34 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | -47.65 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | -49.54 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99 | -47.79 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | -47.16 | PASS |

## Test Graphs




Band38-5MHz-QPSK-37775-1RB#0-PASS




Band38-5MHz-QPSK-37775-1RB#24-PASS

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