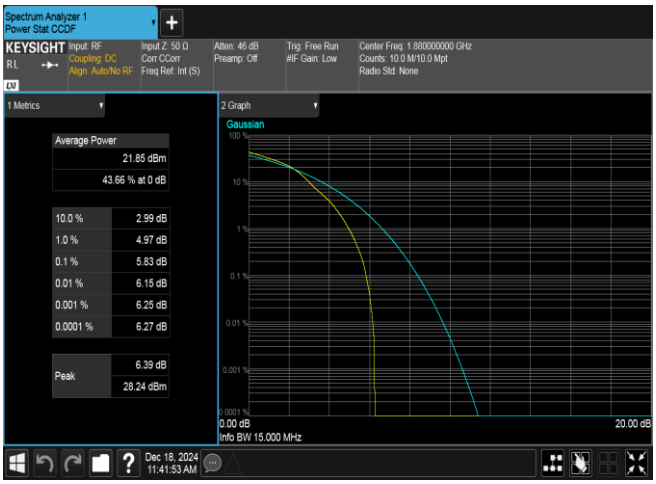
Band2-15MHz-16QAM-18675-1RB#0-PASS

Band2-15MHz-16QAM-18675-75RB#0-PASS




Band2-15MHz-16QAM-18900-1RB#0-PASS

Band2-15MHz-16QAM-18900-75RB#0-PASS

Band2-15MHz-16QAM-19125-1RB#0-PASS

Band2-15MHz-16QAM-19125-75RB#0-PASS

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Band2-20MHz-QPSK-18700-1RB#0-PASS

Band2-20MHz-QPSK-18700-100RB#0-PASS

Band2-20MHz-QPSK-18900-1RB#0-PASS

Band2-20MHz-QPSK-18900-100RB#0-PASS

Band2-20MHz-QPSK-19100-1RB#0-PASS

Band2-20MHz-QPSK-19100-100RB#0-PASS

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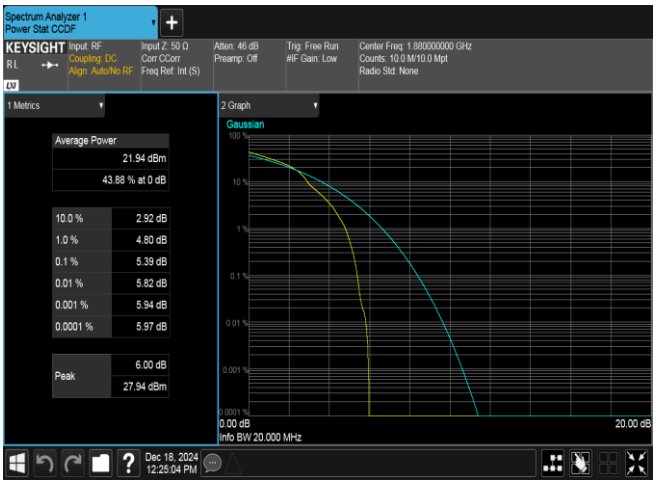
Band2-20MHz-16QAM-18700-1RB#0-PASS

Band2-20MHz-16QAM-18700-100RB#0-PASS




Band2-20MHz-16QAM-18900-1RB#0-PASS

Band2-20MHz-16QAM-18900-100RB#0-PASS

Band2-20MHz-16QAM-19100-1RB#0-PASS

Band2-20MHz-16QAM-19100-100RB#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 |
|---|---|---|---|---|---|---|---|
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | 1.0939 | 1.290 | PASS |
| Band2 | 1.4MHz | QPSK | 18900 | 6RB#0 | 1.0949 | 1.291 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | 1.0955 | 1.309 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | 1.1000 | 1.298 | PASS |
| Band2 | 1.4MHz | 16QAM | 18900 | 6RB#0 | 1.0998 | 1.288 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | 1.0907 | 1.276 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 15RB#0 | 2.7016 | 2.966 | PASS |
| Band2 | 3MHz | QPSK | 18900 | 15RB#0 | 2.6976 | 2.963 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 15RB#0 | 2.7016 | 2.963 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0 | 2.6953 | 2.979 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0 | 2.6933 | 2.969 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0 | 2.6971 | 2.983 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 25RB#0 | 4.5071 | 5.020 | PASS |
| Band2 | 5MHz | QPSK | 18900 | 25RB#0 | 4.4959 | 5.000 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 25RB#0 | 4.5006 | 4.995 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0 | 4.5030 | 4.971 | PASS |
| Band2 | 5MHz | 16QAM | 18900 | 25RB#0 | 4.5025 | 5.036 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 25RB#0 | 4.5146 | 5.026 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 50RB#0 | 8.9706 | 9.913 | PASS |
| Band2 | 10MHz | QPSK | 18900 | 50RB#0 | 8.9779 | 9.854 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 50RB#0 | 8.9424 | 9.819 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0 | 8.9902 | 9.870 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0 | 8.9646 | 9.845 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0 | 8.9472 | 9.858 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 75RB#0 | 13.451 | 14.65 | PASS |
| Band2 | 15MHz | QPSK | 18900 | 75RB#0 | 13.438 | 14.82 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 75RB#0 | 13.398 | 14.58 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0 | 13.458 | 14.68 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0 | 13.450 | 14.62 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0 | 13.382 | 14.67 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | 17.892 | 19.40 | PASS |
| Band2 | 20MHz | QPSK | 18900 | 100RB#0 | 17.936 | 19.61 | PASS |

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| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | 17.872 | 19.38 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 17.916 | 19.32 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 17.897 | 19.38 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 17.890 | 19.58 | PASS |

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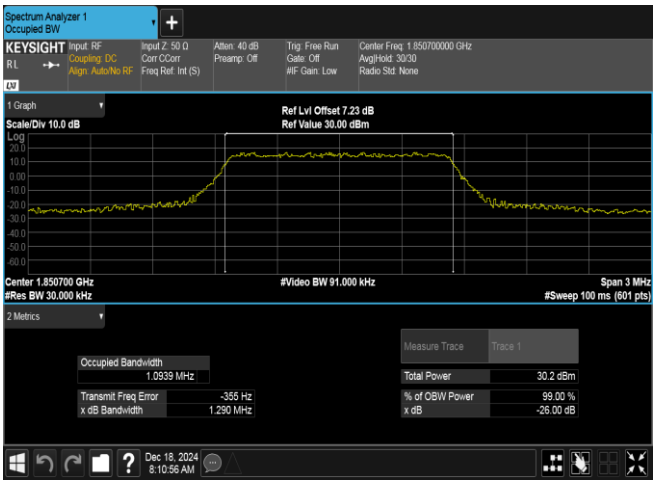
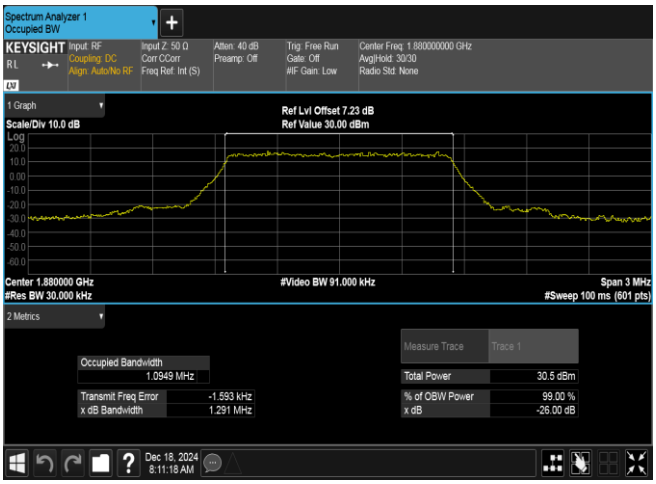
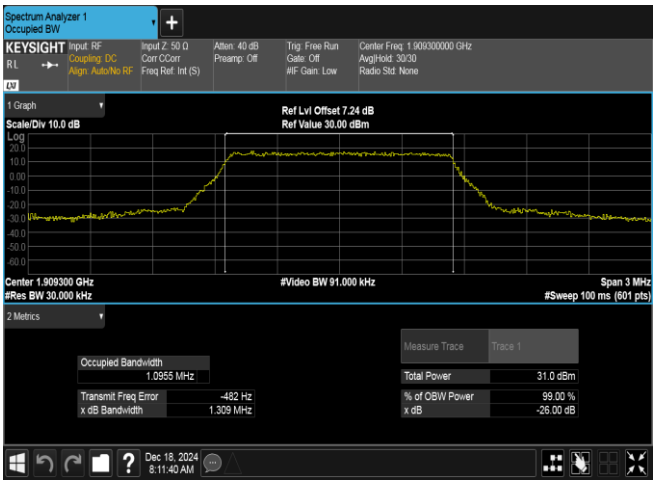
## Test Graphs




Band2-1.4MHz-QPSK-18607-6RB#0-PASS

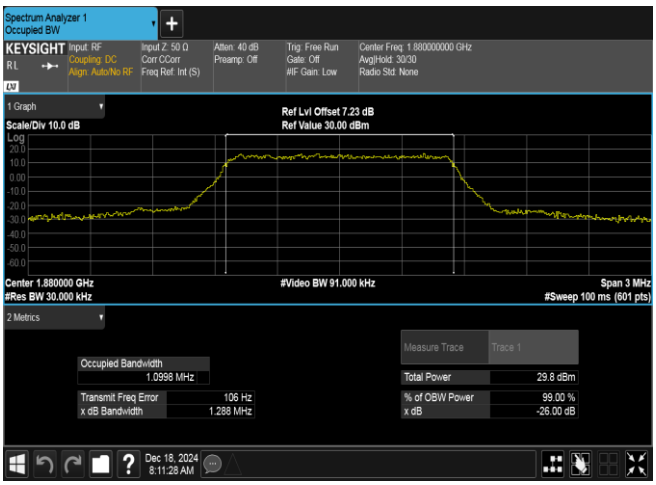



Band2-1.4MHz-QPSK-18900-6RB#0-PASS

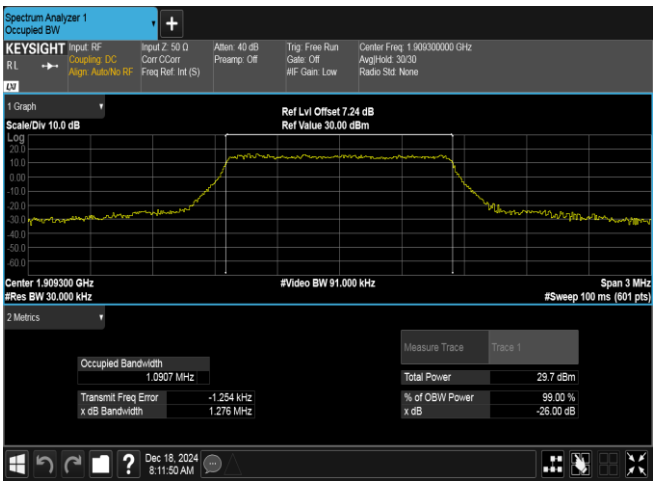



Band2-1.4MHz-QPSK-19193-6RB#0-PASS

Band2-1.4MHz-16QAM-18607-6RB#0-PASS




Band2-1.4MHz-16QAM-18900-6RB#0-PASS




Band2-1.4MHz-16QAM-19193-6RB#0-PASS

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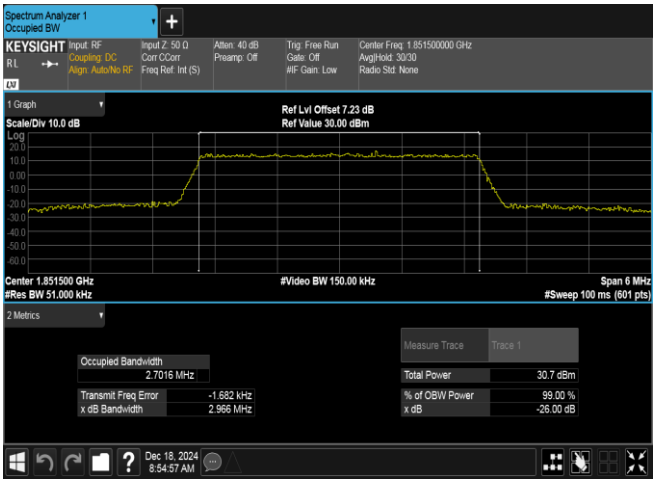
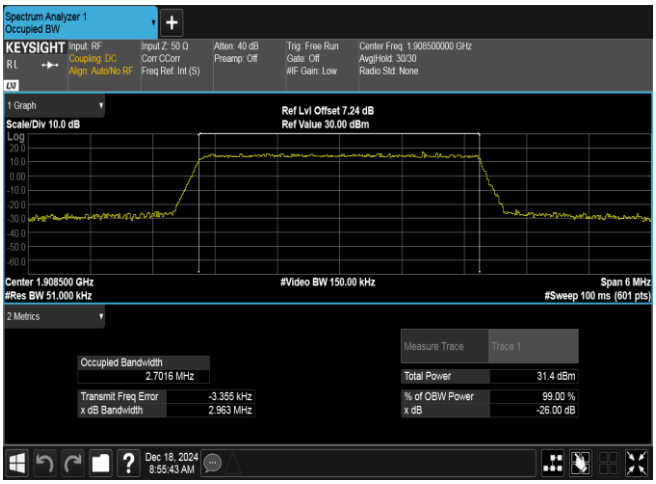



Band2-3MHz-QPSK-18615-15RB#0-PASS

Band2-3MHz-QPSK-18900-15RB#0-PASS




Band2-3MHz-QPSK-19185-15RB#0-PASS

Band2-3MHz-16QAM-18615-15RB#0-PASS

Band2-3MHz-16QAM-18900-15RB#0-PASS

Band2-3MHz-16QAM-19185-15RB#0-PASS

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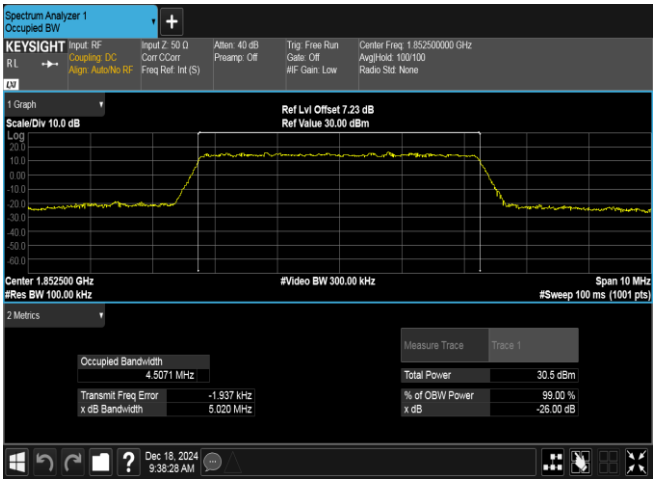
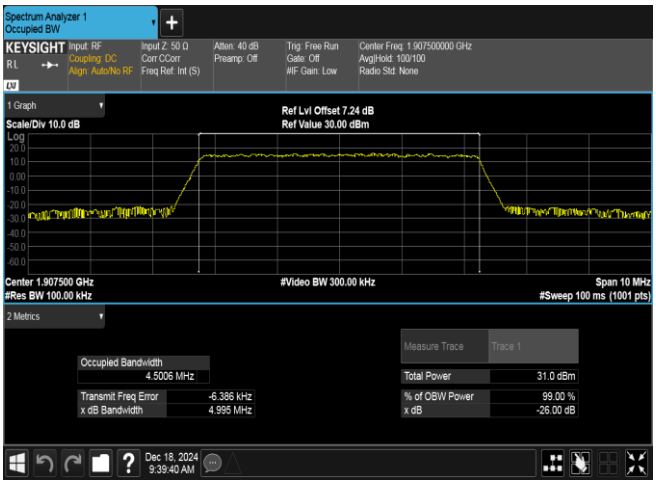


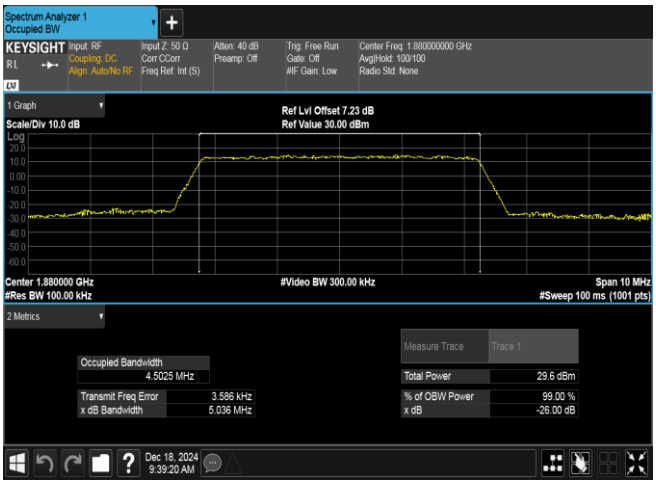

Band2-5MHz-QPSK-18625-25RB#0-PASS

Band2-5MHz-QPSK-18900-25RB#0-PASS

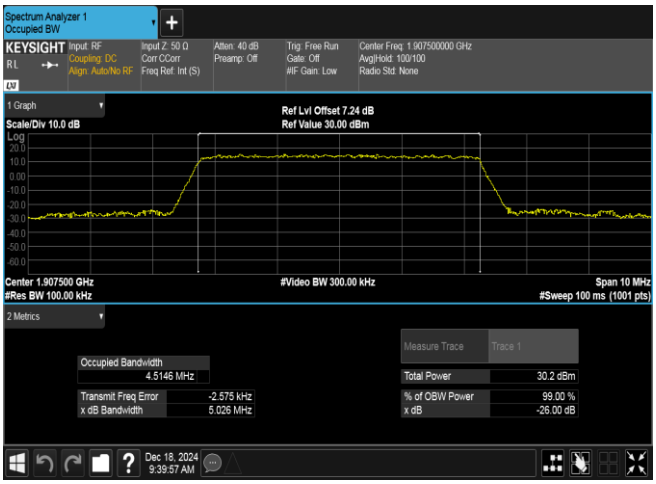



Band2-5MHz-QPSK-19175-25RB#0-PASS

Band2-5MHz-16QAM-18625-25RB#0-PASS




Band2-5MHz-16QAM-18900-25RB#0-PASS




Band2-5MHz-16QAM-19175-25RB#0-PASS

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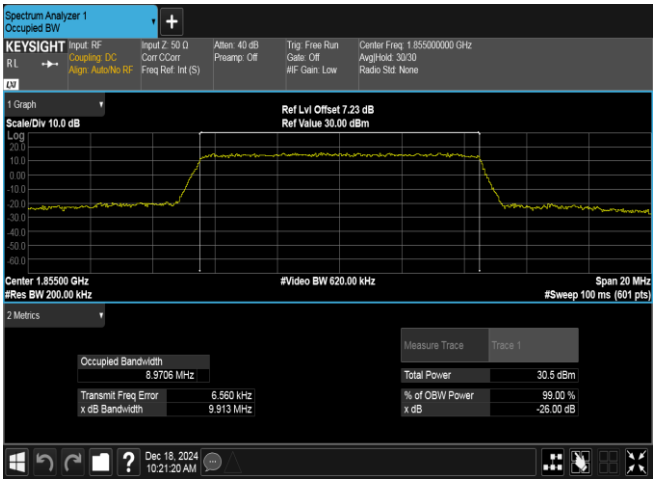
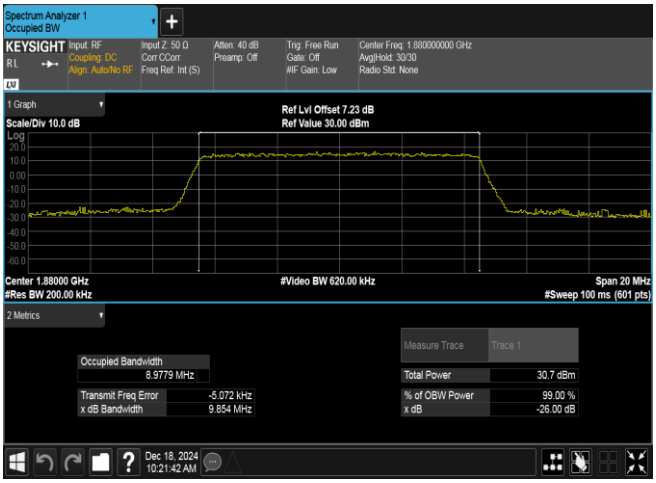
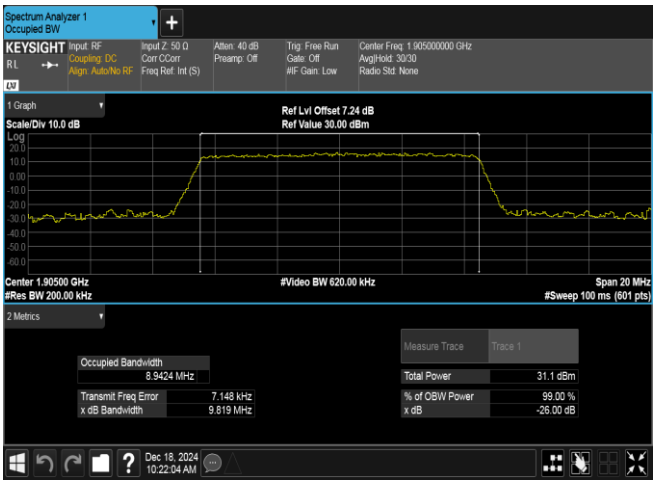


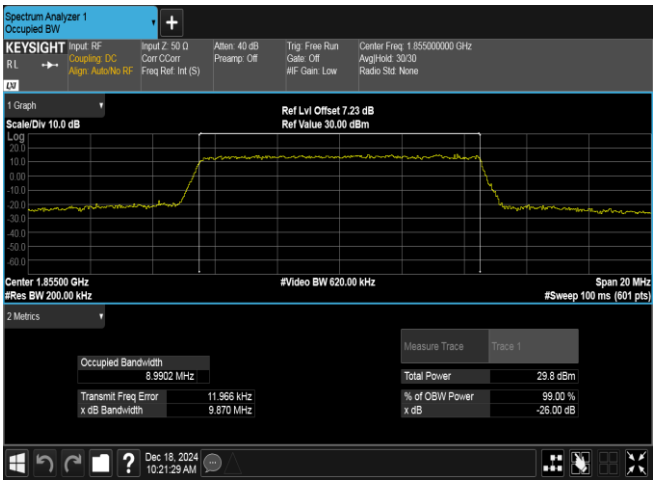

Band2-10MHz-QPSK-18650-50RB#0-PASS



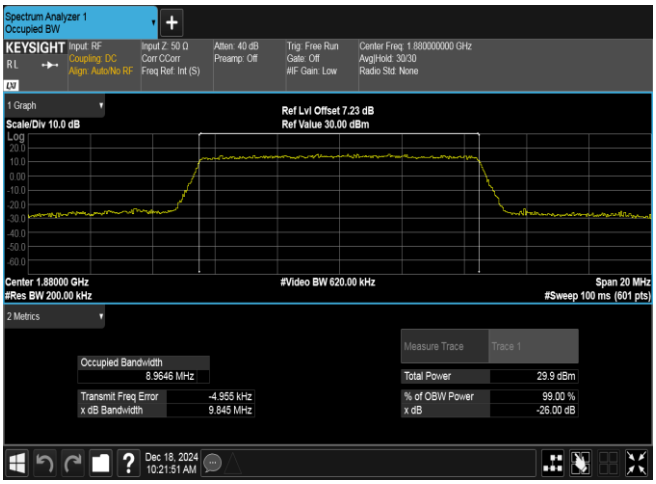

Band2-10MHz-QPSK-18900-50RB#0-PASS




Band2-10MHz-QPSK-19150-50RB#0-PASS




Band2-10MHz-16QAM-18650-50RB#0-PASS




Band2-10MHz-16QAM-18900-50RB#0-PASS

Band2-10MHz-16QAM-19150-50RB#0-PASS

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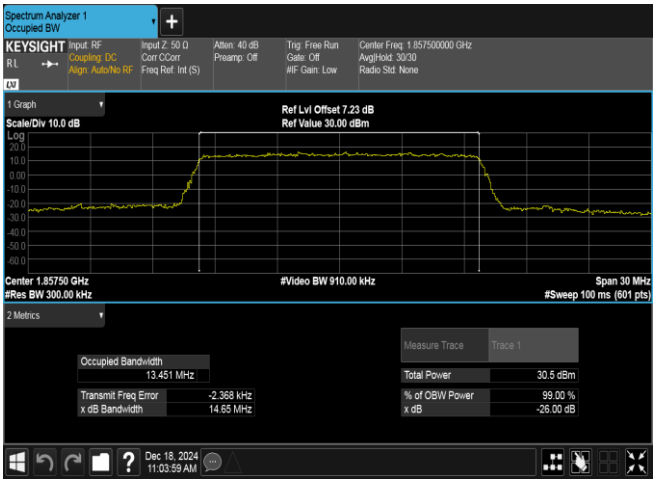
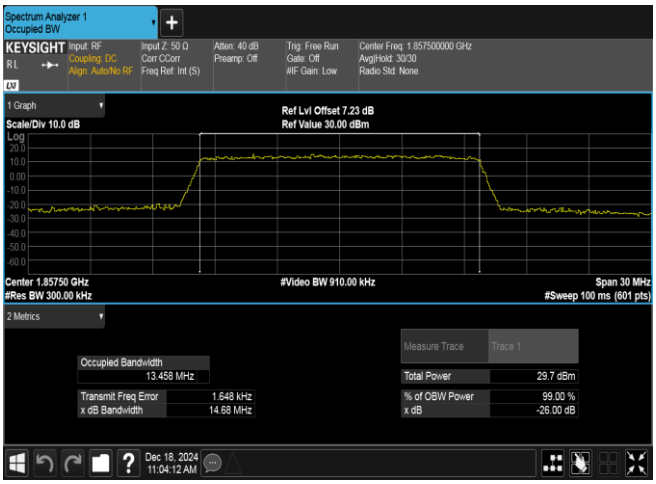



Band2-15MHz-QPSK-18675-75RB#0-PASS

Band2-15MHz-QPSK-18900-75RB#0-PASS

Band2-15MHz-QPSK-19125-75RB#0-PASS




Band2-15MHz-16QAM-18675-75RB#0-PASS

Band2-15MHz-16QAM-18900-75RB#0-PASS

Band2-15MHz-16QAM-19125-75RB#0-PASS

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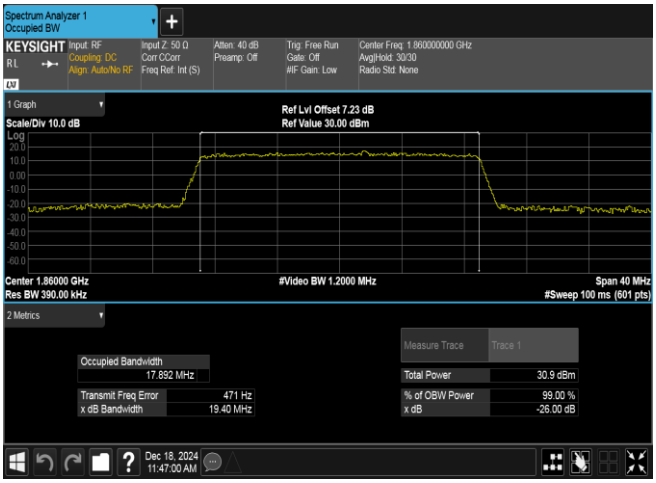
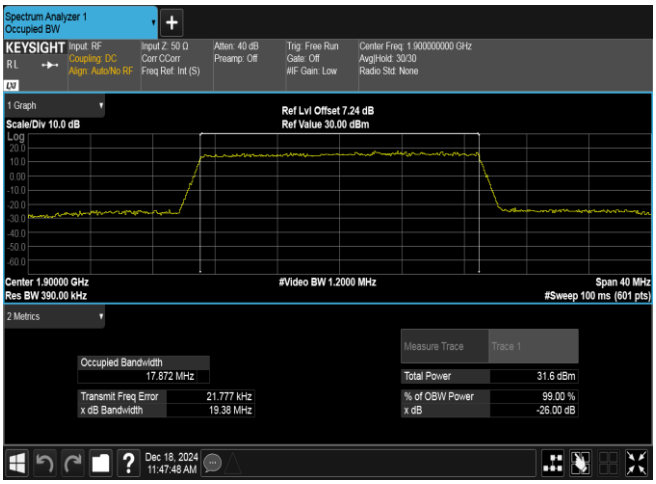
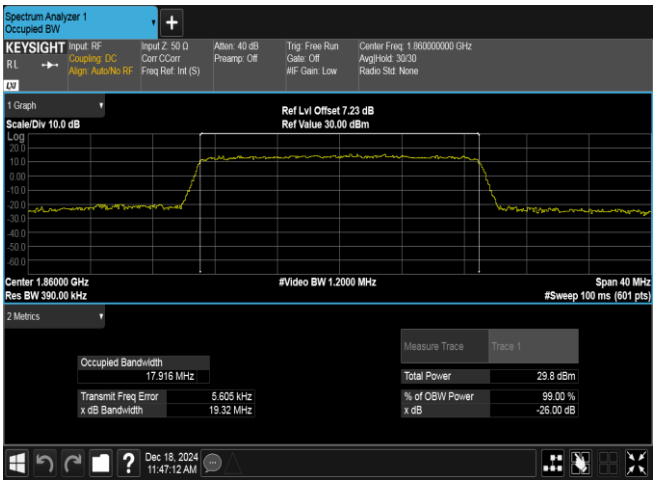



Band2-20MHz-QPSK-18700-100RB#0-PASS

Band2-20MHz-QPSK-18900-100RB#0-PASS




Band2-20MHz-QPSK-19100-100RB#0-PASS




Band2-20MHz-16QAM-18700-100RB#0-PASS

Band2-20MHz-16QAM-18900-100RB#0-PASS

Band2-20MHz-16QAM-19100-100RB#0-PASS

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# Appendix D: Band Edge

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#0 | -22.86 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 1RB#5 | -40.91 | PASS |
| Band2 | 1.4MHz | QPSK | 18607 | 6RB#0 | -27.71 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#0 | -36.24 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 1RB#5 | -21.03 | PASS |
| Band2 | 1.4MHz | QPSK | 19193 | 6RB#0 | -31.25 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#0 | -23.32 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 1RB#5 | -41.44 | PASS |
| Band2 | 1.4MHz | 16QAM | 18607 | 6RB#0 | -26.46 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#0 | -40.07 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 1RB#5 | -22.32 | PASS |
| Band2 | 1.4MHz | 16QAM | 19193 | 6RB#0 | -28.66 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#0 | -22.51 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 1RB#14 | -45.71 | PASS |
| Band2 | 3MHz | QPSK | 18615 | 15RB#0 | -30.98 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#0 | -45.78 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 1RB#14 | -24.64 | PASS |
| Band2 | 3MHz | QPSK | 19185 | 15RB#0 | -32.27 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#0 | -24.39 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#14 | -46.36 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0 | -31.79 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0 | -47.05 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14 | -26.79 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0 | -33.14 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#0 | -28.29 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 1RB#24 | -54.99 | PASS |
| Band2 | 5MHz | QPSK | 18625 | 25RB#0 | -33.22 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#0 | -54.13 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 1RB#24 | -29.37 | PASS |
| Band2 | 5MHz | QPSK | 19175 | 25RB#0 | -36.44 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0 | -30.13 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24 | -55.29 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 25RB#0 | -35.15 | PASS |

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| | | | | | | |
|---|---|---|---|---|---|---|
| Band2 | 5MHz | 16QAM | 19175 | 1RB#0 | -54.33 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 1RB#24 | -30.07 | PASS |
| Band2 | 5MHz | 16QAM | 19175 | 25RB#0 | -37.23 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#0 | -36.48 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 1RB#49 | -55.00 | PASS |
| Band2 | 10MHz | QPSK | 18650 | 50RB#0 | -36.30 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#0 | -54.43 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 1RB#49 | -35.62 | PASS |
| Band2 | 10MHz | QPSK | 19150 | 50RB#0 | -39.19 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0 | -37.17 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49 | -55.35 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0 | -37.76 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0 | -54.81 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49 | -36.66 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0 | -40.26 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#0 | -38.58 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 1RB#74 | -54.01 | PASS |
| Band2 | 15MHz | QPSK | 18675 | 75RB#0 | -37.85 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#0 | -53.73 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 1RB#74 | -38.15 | PASS |
| Band2 | 15MHz | QPSK | 19125 | 75RB#0 | -39.12 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0 | -39.79 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74 | -54.09 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0 | -38.14 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0 | -53.78 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74 | -39.59 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0 | -40.59 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#0 | -39.83 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 1RB#99 | -52.86 | PASS |
| Band2 | 20MHz | QPSK | 18700 | 100RB#0 | -38.56 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#0 | -52.52 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 1RB#99 | -39.31 | PASS |
| Band2 | 20MHz | QPSK | 19100 | 100RB#0 | -38.76 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0 | -40.71 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99 | -52.90 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | -38.36 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0 | -52.53 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99 | -40.28 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | -39.62 | PASS |

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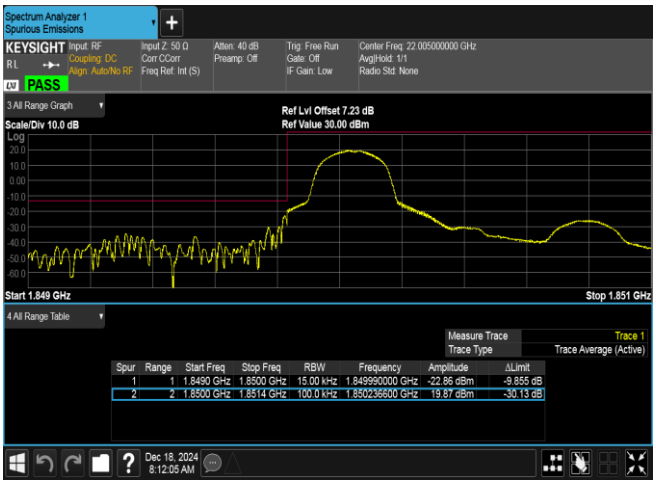
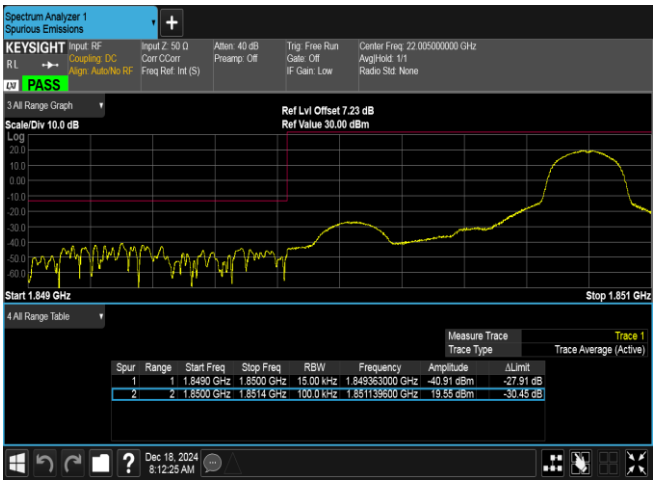
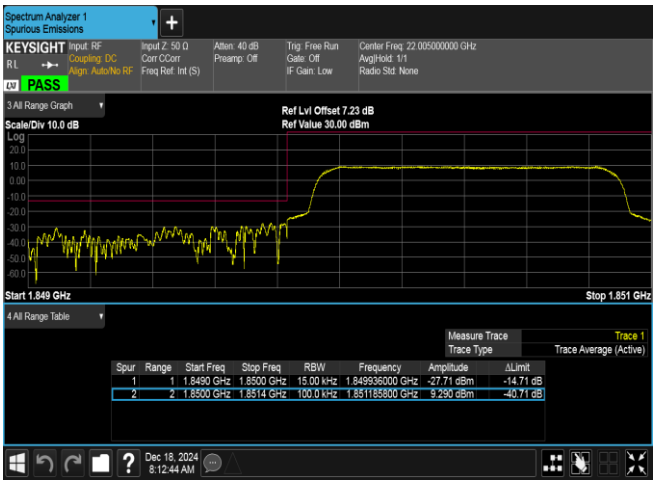
## Test Graphs



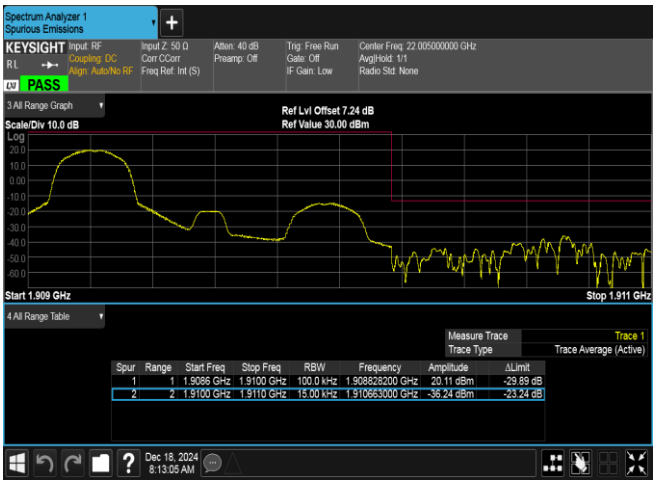

Band2-1.4MHz-QPSK-18607-1RB#0-PASS



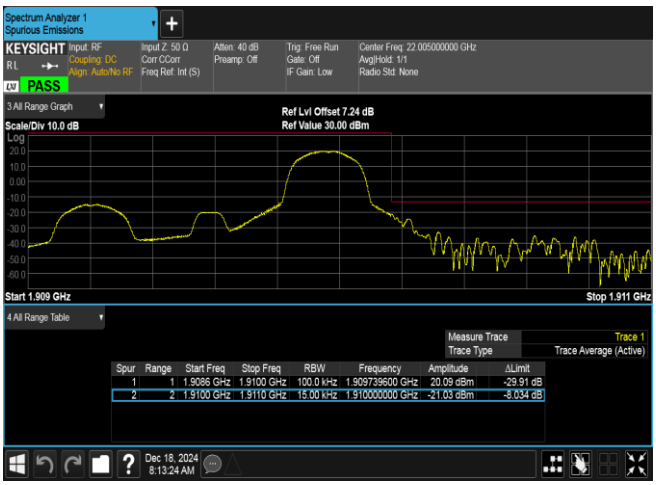

Band2-1.4MHz-QPSK-18607-1RB#5-PASS



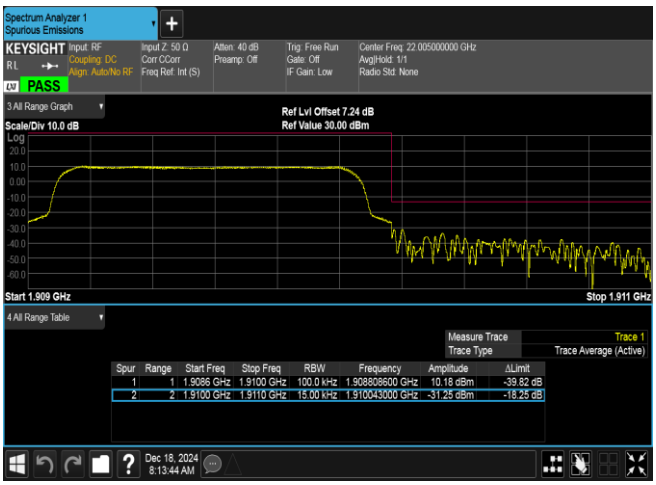

Band2-1.4MHz-QPSK-18607-6RB#0-PASS




Band2-1.4MHz-QPSK-19193-1RB#0-PASS




Band2-1.4MHz-QPSK-19193-1RB#5-PASS




Band2-1.4MHz-QPSK-19193-6RB#0-PASS

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