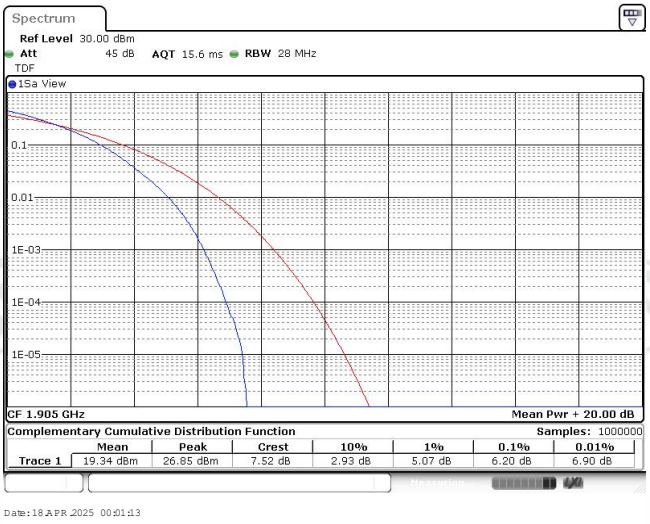



Band25-20MHz-16QAM-26590-100RB#0

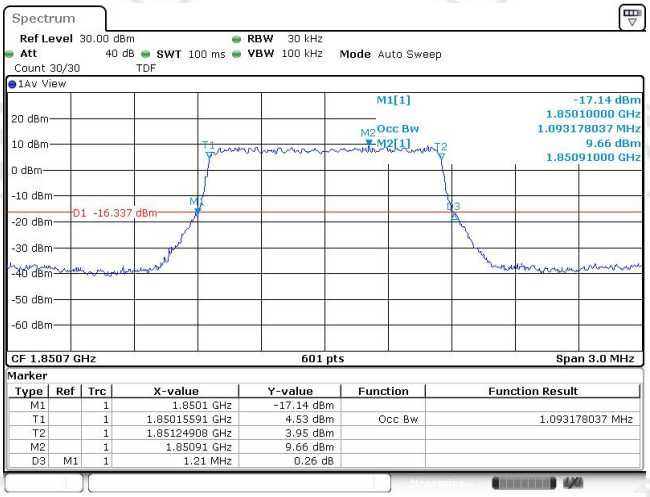
# Appendix C: 26dB Bandwidth and Occupied Bandwidth

## Test Result

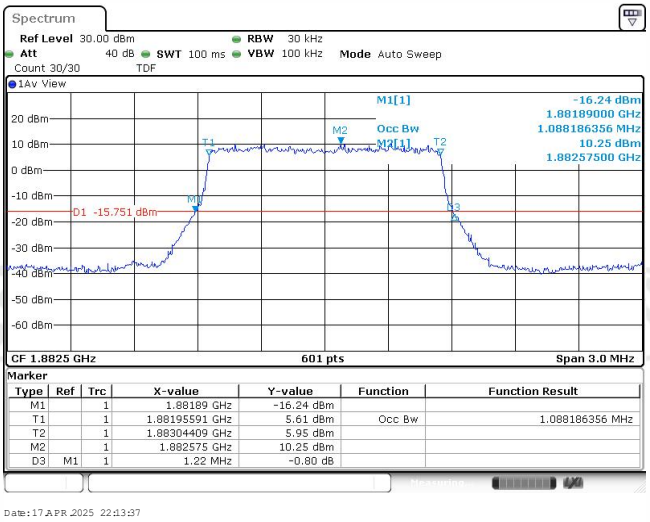
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band25 | 1.4MHz | QPSK | 26047 | 6RB#0 | 1.093 | 1.210 | PASS |
| Band25 | 1.4MHz | QPSK | 26365 | 6RB#0 | 1.088 | 1.220 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 6RB#0 | 1.088 | 1.220 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0 | 1.088 | 1.245 | PASS |
| Band25 | 1.4MHz | 16QAM | 26365 | 6RB#0 | 1.088 | 1.230 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0 | 1.088 | 1.240 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 15RB#0 | 2.696 | 2.860 | PASS |
| Band25 | 3MHz | QPSK | 26365 | 15RB#0 | 2.696 | 2.860 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 15RB#0 | 2.696 | 2.860 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | 2.686 | 2.880 | PASS |
| Band25 | 3MHz | 16QAM | 26365 | 15RB#0 | 2.696 | 2.870 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | 2.696 | 2.860 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 25RB#0 | 4.496 | 4.800 | PASS |
| Band25 | 5MHz | QPSK | 26365 | 25RB#0 | 4.496 | 4.790 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 25RB#0 | 4.486 | 4.790 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0 | 4.505 | 4.780 | PASS |
| Band25 | 5MHz | 16QAM | 26365 | 25RB#0 | 4.496 | 4.790 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 25RB#0 | 4.505 | 4.770 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band25 | 10MHz | QPSK | 26365 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0 | 8.952 | 9.533 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | 8.918 | 9.533 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 75RB#0 | 13.378 | 14.300 | PASS |
| Band25 | 15MHz | QPSK | 26365 | 75RB#0 | 13.428 | 14.300 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 75RB#0 | 13.428 | 14.300 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | 13.378 | 14.300 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0 | 13.428 | 14.300 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0 | 13.428 | 14.300 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | 17.903 | 19.200 | PASS |
| Band25 | 20MHz | QPSK | 26365 | 100RB#0 | 17.903 | 19.267 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | 18.037 | 19.333 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 17.903 | 19.200 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 17.903 | 19.267 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 18.037 | 19.333 | PASS |

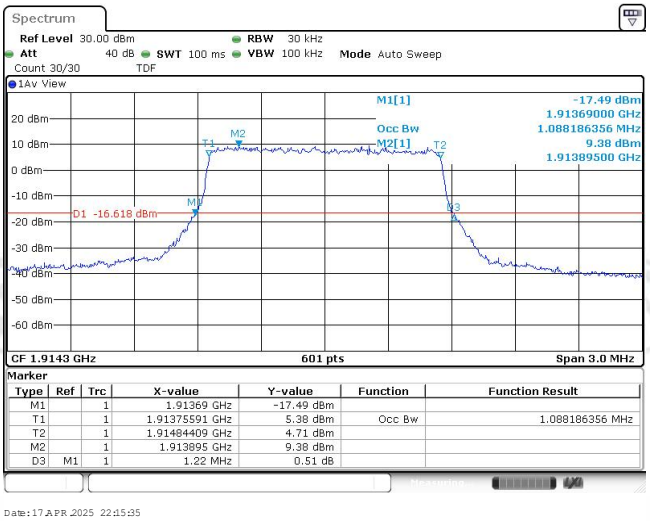
## Test Graphs




Band25-1.4MHz-QPSK-26047-6RB#0-1.093




Band25-1.4MHz-QPSK-26365-6RB#0-1.088

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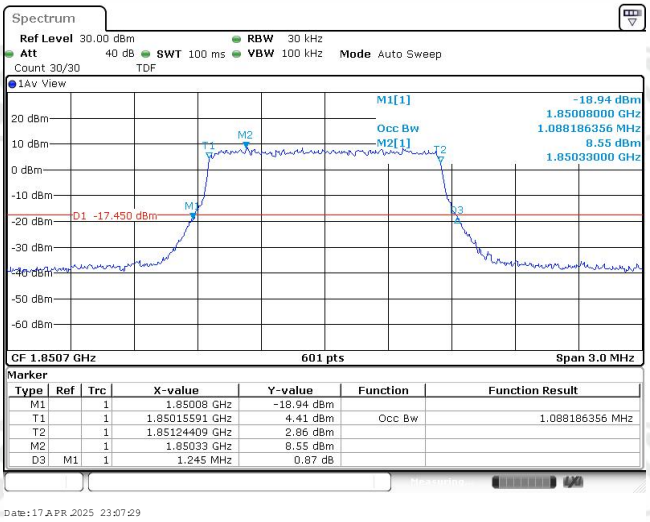
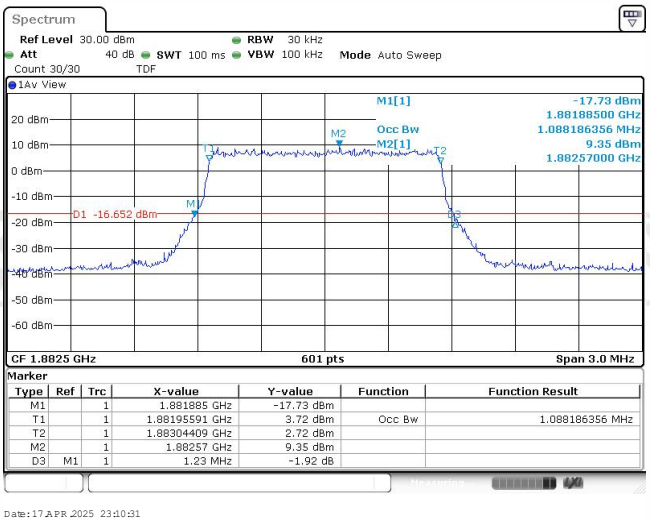
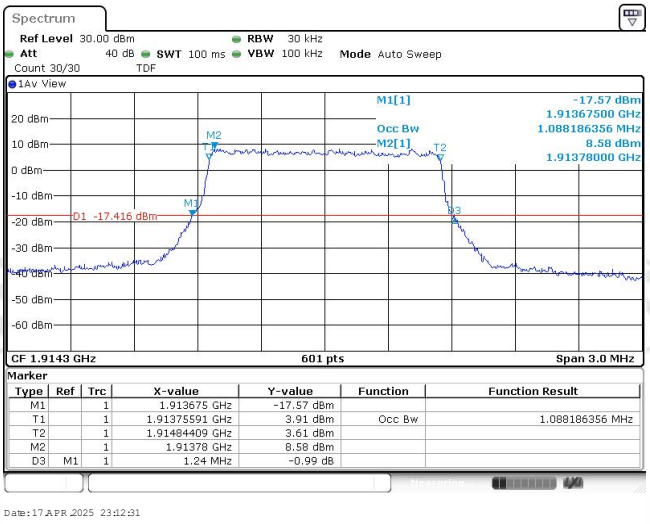


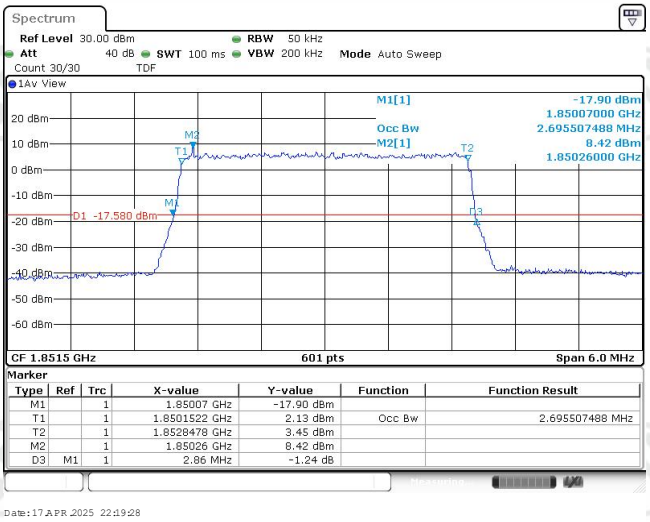

Band25-1.4MHz-16QAM-26047-6RB#0-1.088



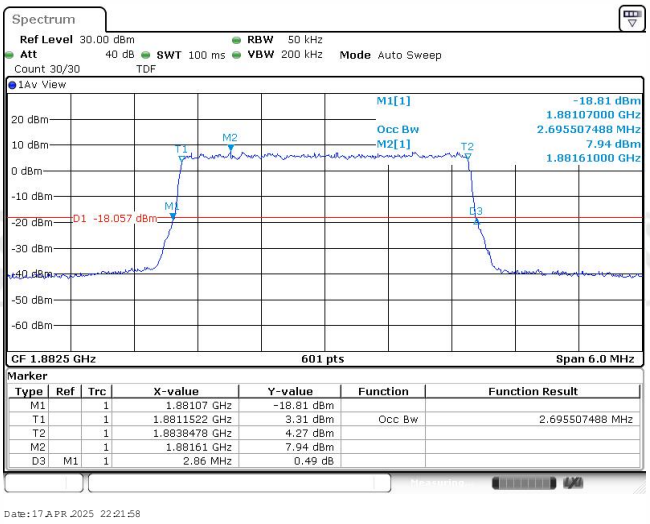

Band25-1.4MHz-16QAM-26365-6RB#0-1.088




Band25-1.4MHz-16QAM-26683-6RB#0-1.088




Band25-3MHz-QPSK-26055-15RB#0-2.696

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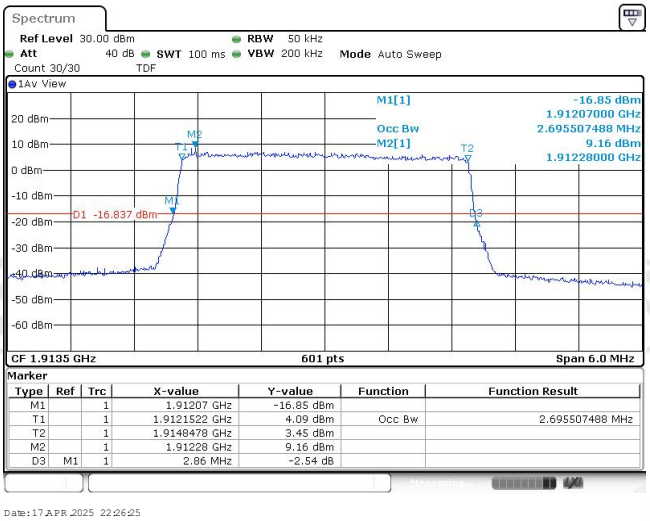
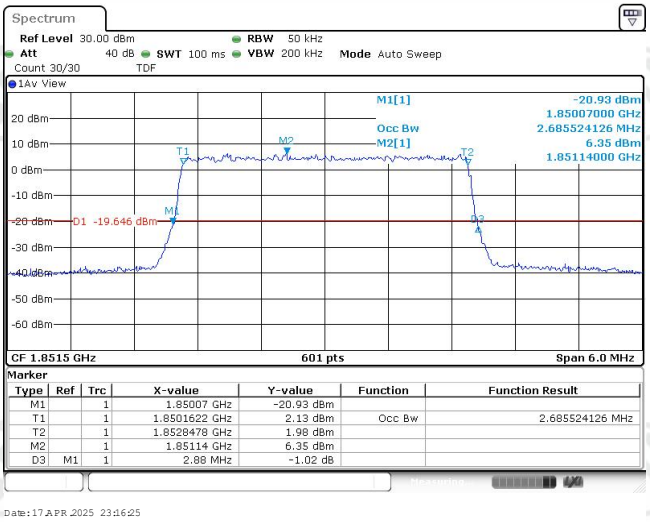



Band25-3MHz-QPSK-26675-15RB#0-2.696

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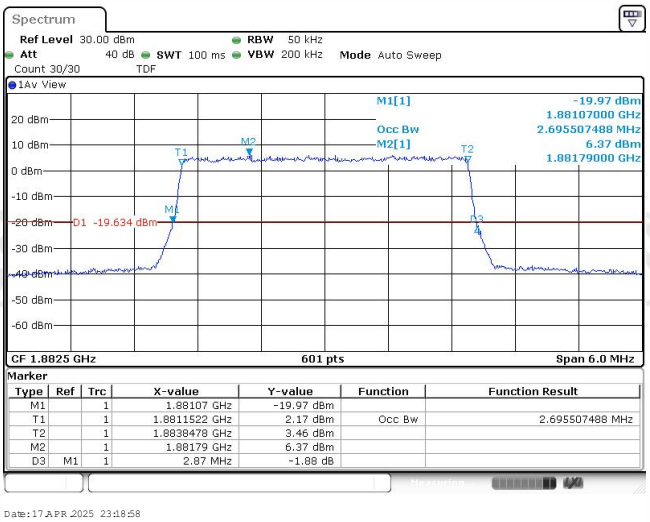
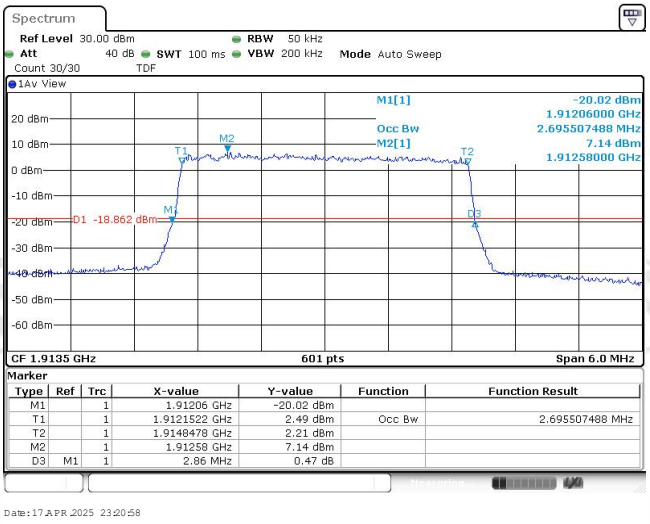
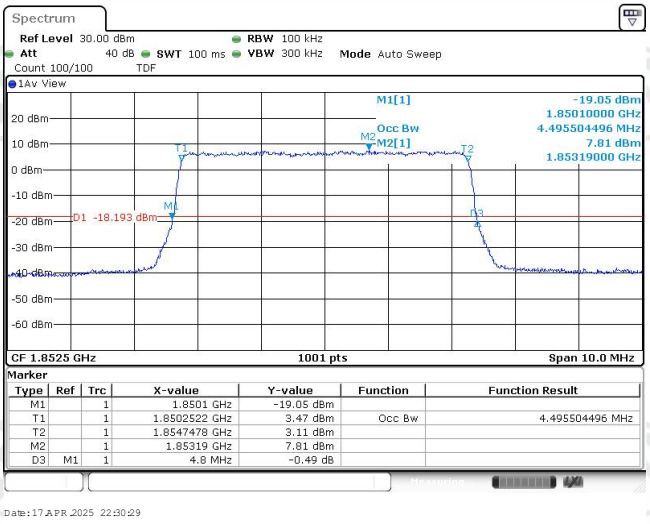


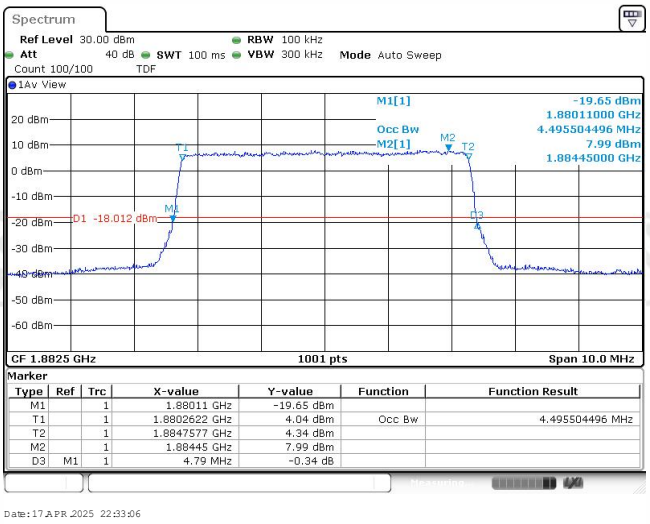

Band25-3MHz-16QAM-26365-15RB#0-2.696



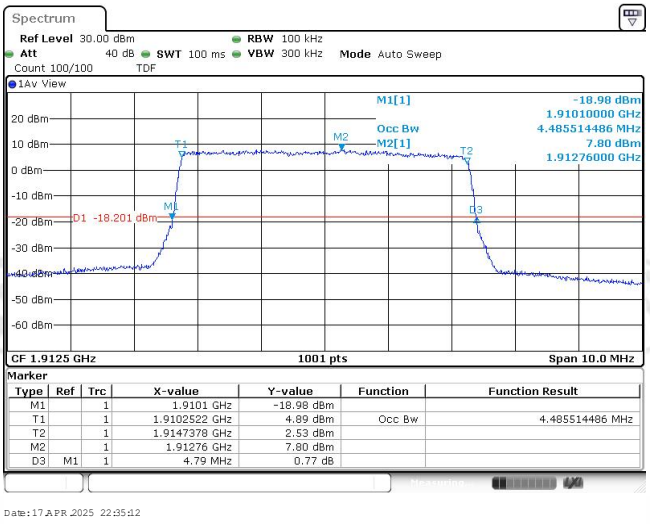

Band25-3MHz-16QAM-26675-15RB#0-2.696




Band25-5MHz-QPSK-26065-25RB#0-4.496




Band25-5MHz-QPSK-26365-25RB#0-4.496

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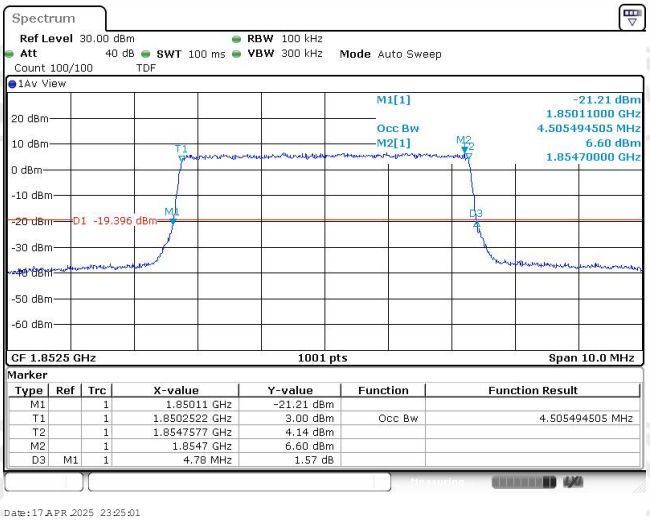


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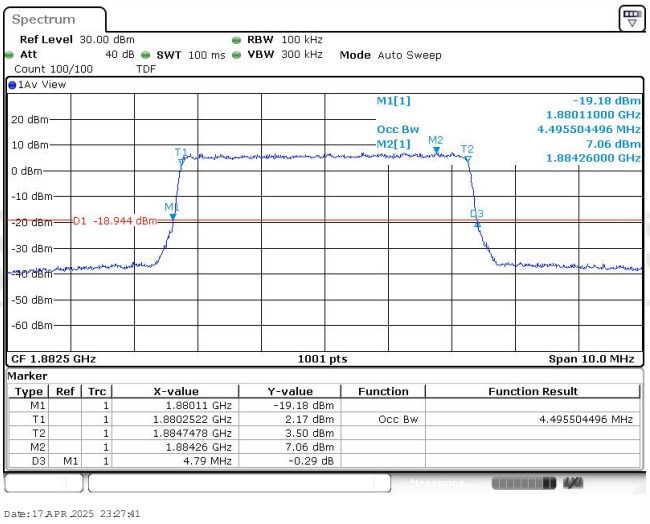


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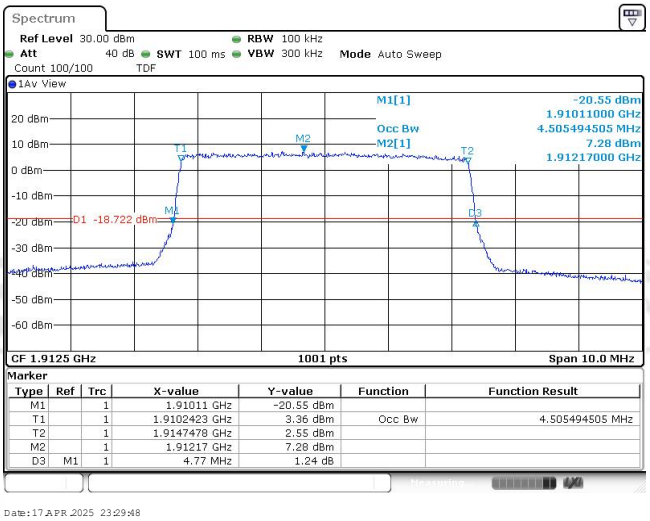


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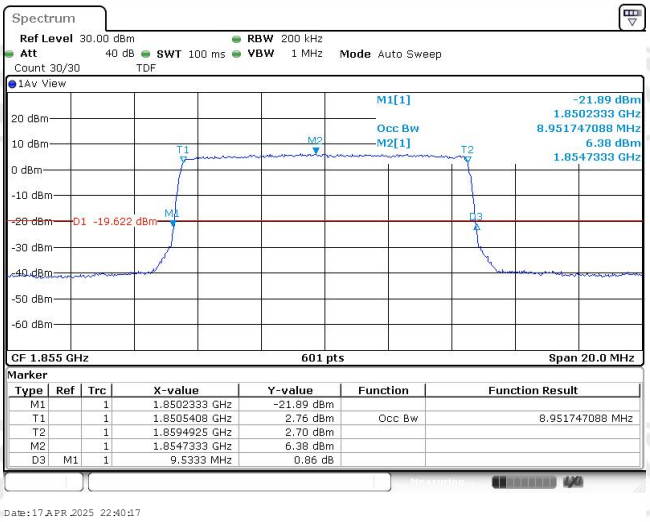
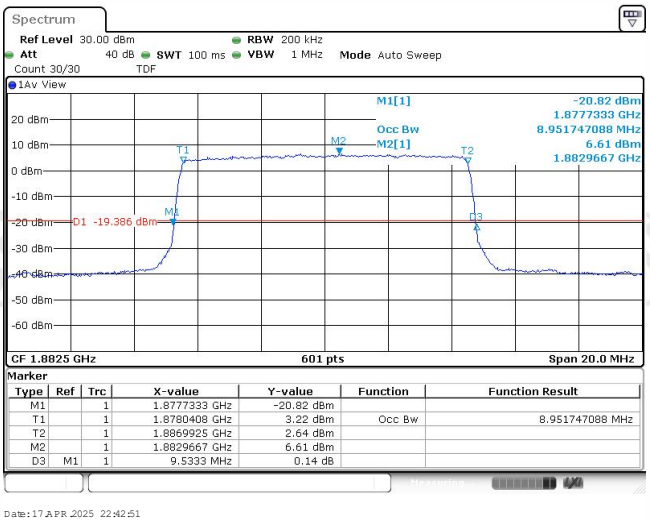
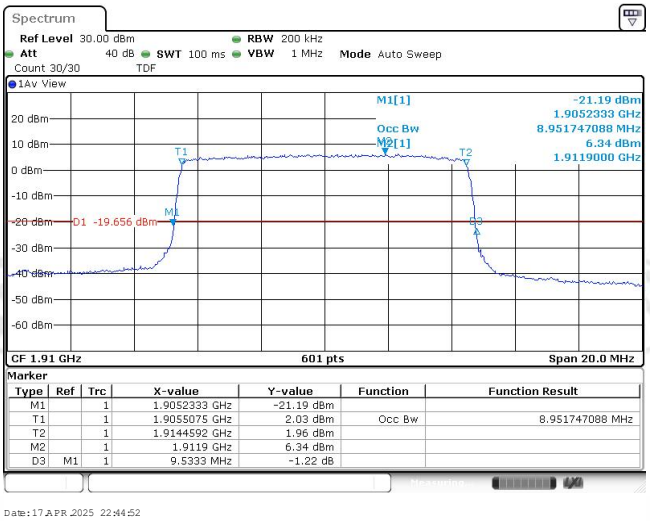


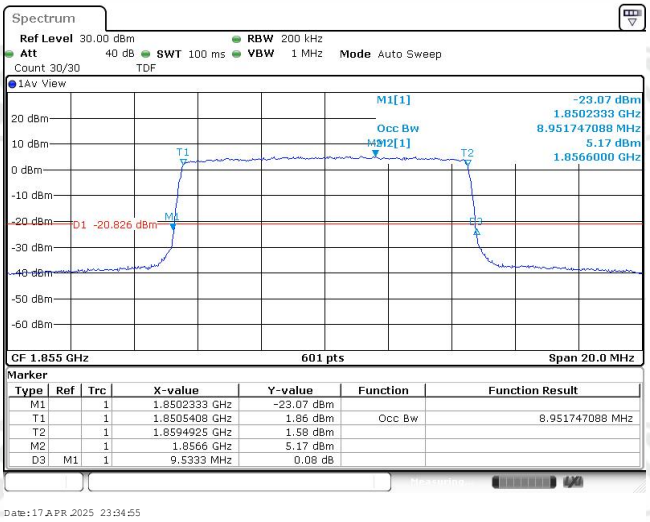

Band25-10MHz-QPSK-26090-50RB#0-8.952




Band25-10MHz-QPSK-26365-50RB#0-8.952




Band25-10MHz-QPSK-26640-50RB#0-8.952

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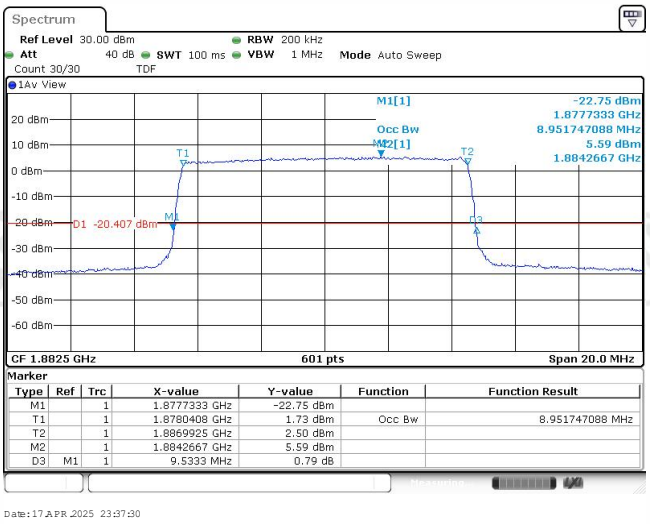


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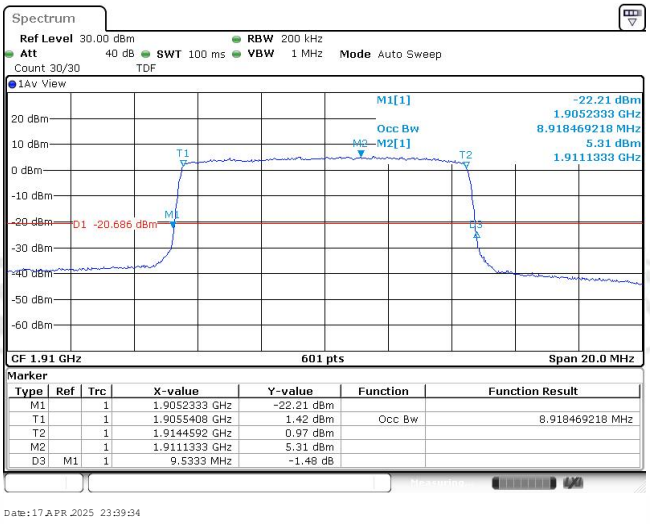


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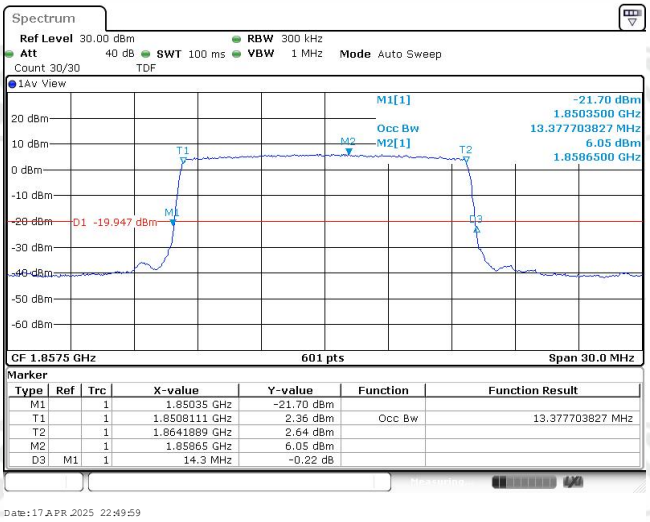
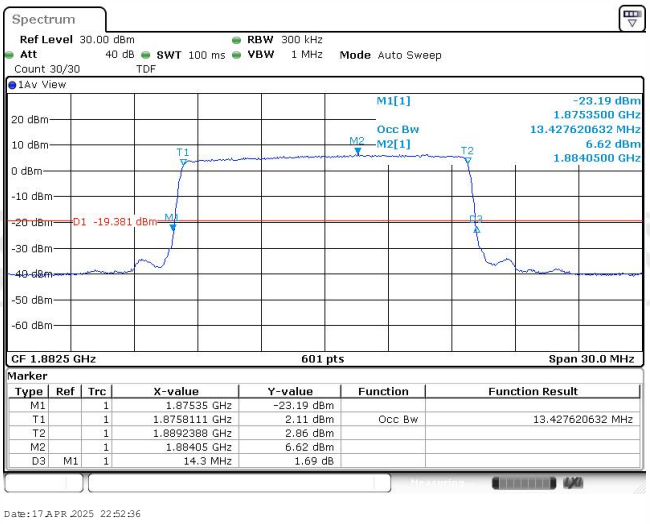
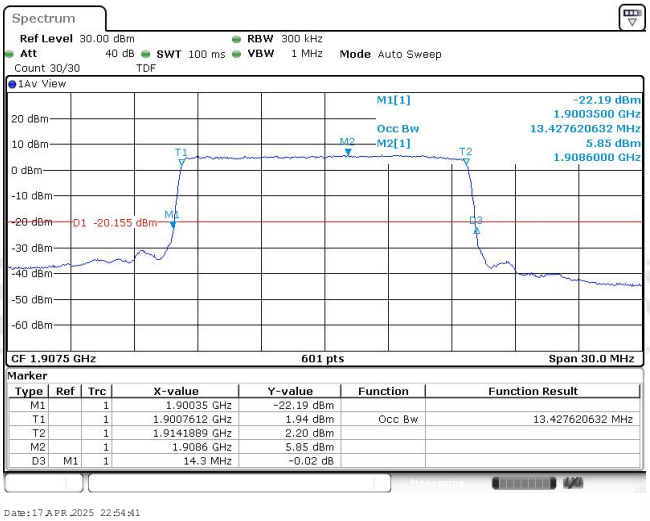


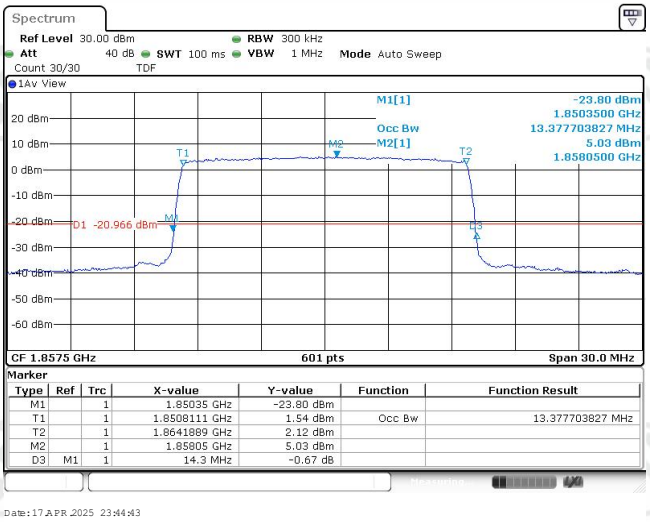

Band25-15MHz-QPSK-26115-75RB#0-13.378




Band25-15MHz-QPSK-26365-75RB#0-13.428




Band25-15MHz-QPSK-26615-75RB#0-13.428

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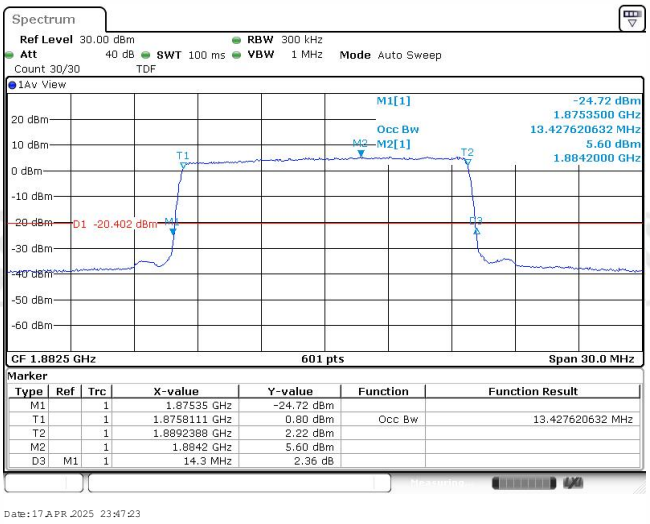
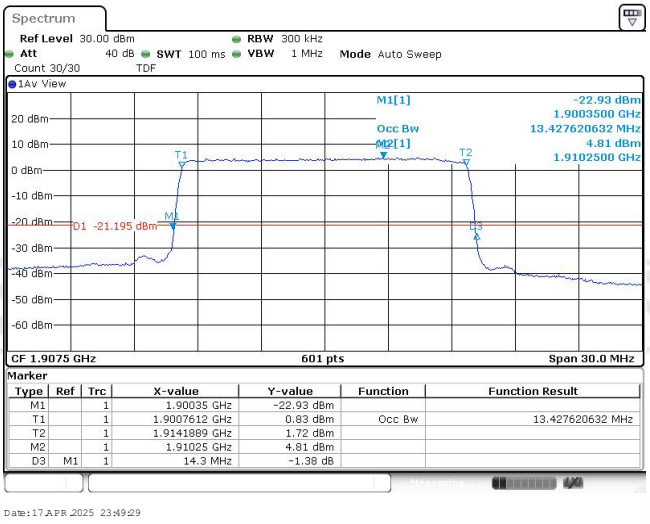



Band25-15MHz-16QAM-26365-75RB#0-13.428

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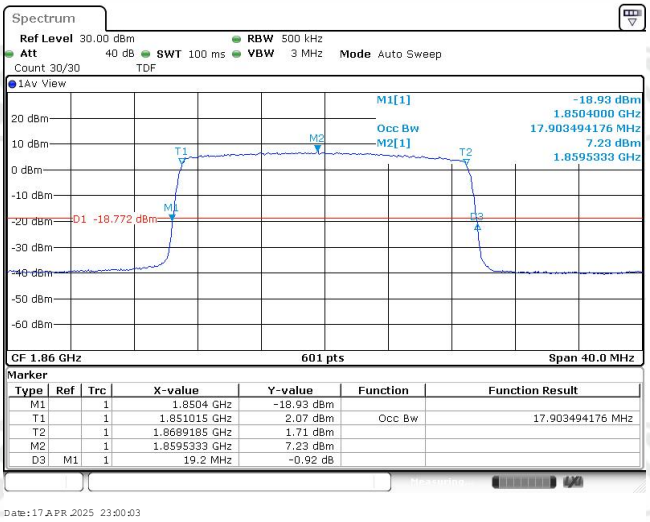
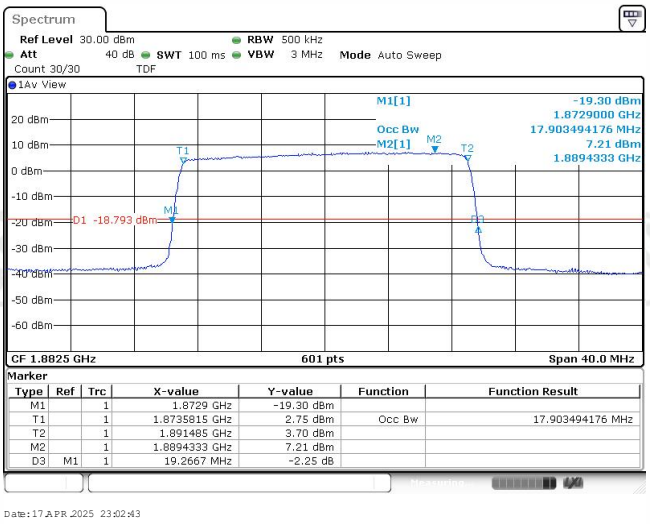



Band25-20MHz-QPSK-26140-100RB#0-17.903

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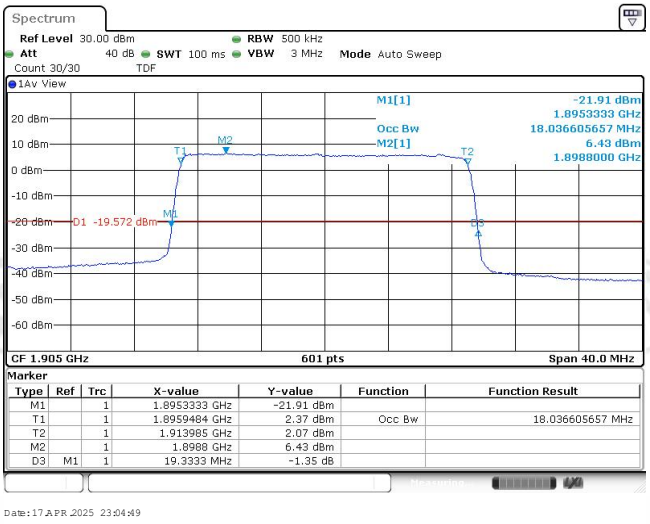
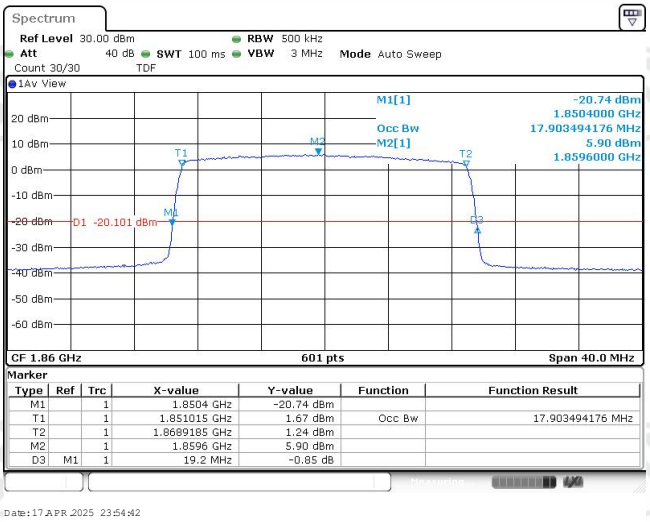
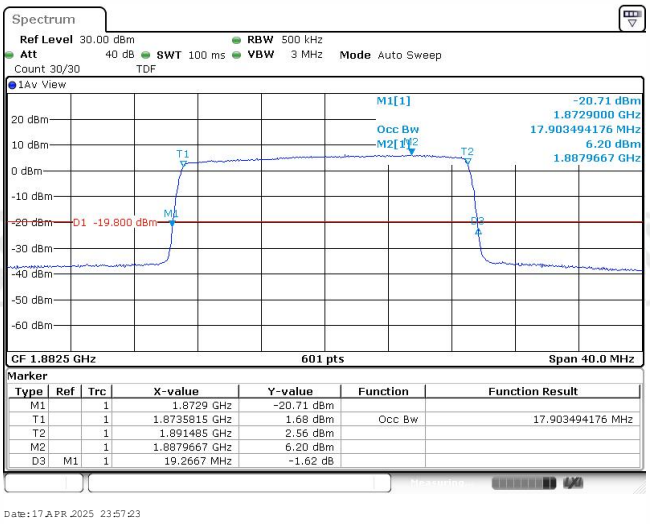


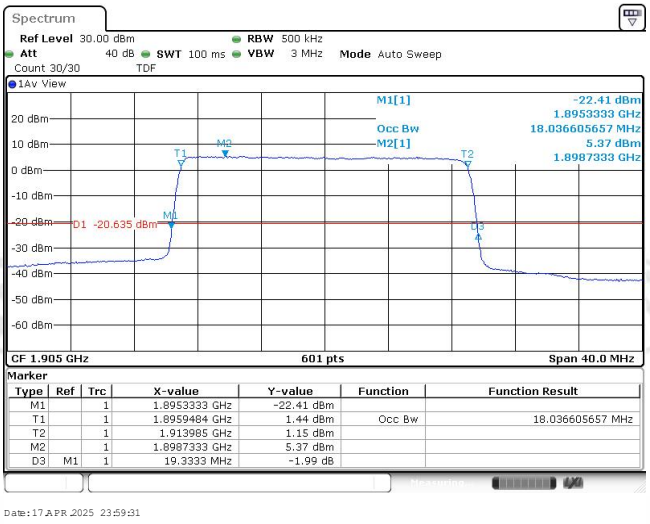

Band25-20MHz-QPSK-26590-100RB#0-18.037




Band25-20MHz-16QAM-26140-100RB#0-17.903




Band25-20MHz-16QAM-26365-100RB#0-17.903




Band25-20MHz-16QAM-26590-100RB#0-18.037

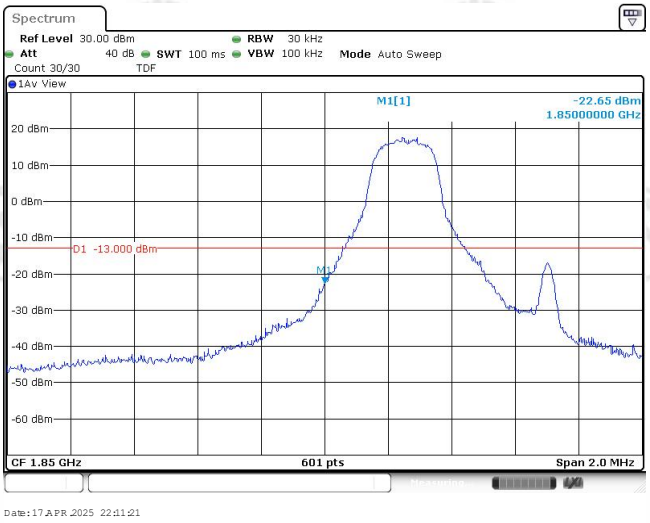
# Appendix D: Band Edge

## Test Result

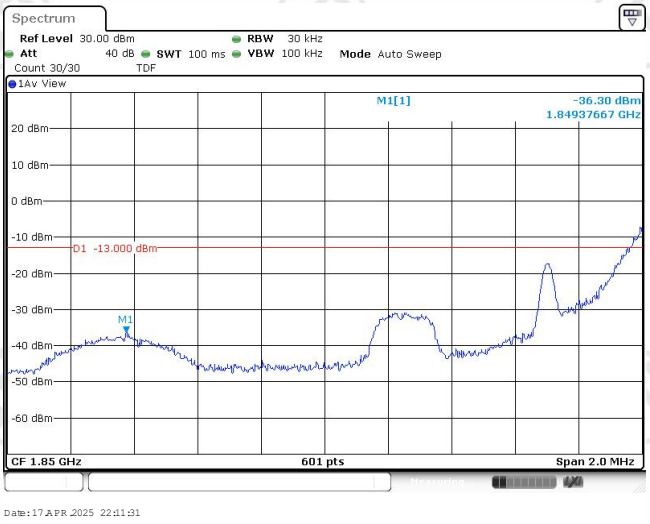
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#0 | -22.65 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 1RB#5 | -36.30 | PASS |
| Band25 | 1.4MHz | QPSK | 26047 | 6RB#0 | -28.73 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#0 | -36.18 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 1RB#5 | -22.18 | PASS |
| Band25 | 1.4MHz | QPSK | 26683 | 6RB#0 | -28.82 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#0 | -24.47 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 1RB#5 | -35.60 | PASS |
| Band25 | 1.4MHz | 16QAM | 26047 | 6RB#0 | -28.40 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#0 | -37.70 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 1RB#5 | -21.50 | PASS |
| Band25 | 1.4MHz | 16QAM | 26683 | 6RB#0 | -28.23 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#0 | -18.48 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 1RB#14 | -42.10 | PASS |
| Band25 | 3MHz | QPSK | 26055 | 15RB#0 | -26.58 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#0 | -44.17 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 1RB#14 | -20.60 | PASS |
| Band25 | 3MHz | QPSK | 26675 | 15RB#0 | -28.10 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#0 | -20.65 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 1RB#14 | -42.77 | PASS |
| Band25 | 3MHz | 16QAM | 26055 | 15RB#0 | -28.47 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#0 | -44.24 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 1RB#14 | -20.88 | PASS |
| Band25 | 3MHz | 16QAM | 26675 | 15RB#0 | -28.75 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#0 | -21.49 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 1RB#24 | -46.52 | PASS |
| Band25 | 5MHz | QPSK | 26065 | 25RB#0 | -27.85 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 1RB#0 | -46.85 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 1RB#24 | -19.03 | PASS |
| Band25 | 5MHz | QPSK | 26665 | 25RB#0 | -30.02 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#0 | -21.39 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 1RB#24 | -46.81 | PASS |
| Band25 | 5MHz | 16QAM | 26065 | 25RB#0 | -29.14 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 1RB#0 | -46.79 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band25 | 5MHz | 16QAM | 26665 | 1RB#24 | -21.34 | PASS |
| Band25 | 5MHz | 16QAM | 26665 | 25RB#0 | -30.48 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#0 | -27.96 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 1RB#49 | -43.71 | PASS |
| Band25 | 10MHz | QPSK | 26090 | 50RB#0 | -31.87 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#0 | -44.62 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 1RB#49 | -29.15 | PASS |
| Band25 | 10MHz | QPSK | 26640 | 50RB#0 | -32.73 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0 | -28.85 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49 | -43.90 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | -33.03 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0 | -44.49 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49 | -27.42 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0 | -33.85 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 1RB#0 | -29.35 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 1RB#74 | -42.54 | PASS |
| Band25 | 15MHz | QPSK | 26115 | 75RB#0 | -33.18 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#0 | -42.31 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 1RB#74 | -30.04 | PASS |
| Band25 | 15MHz | QPSK | 26615 | 75RB#0 | -34.11 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0 | -29.82 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74 | -43.32 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0 | -34.61 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0 | -42.91 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74 | -30.62 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0 | -35.53 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#0 | -26.31 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 1RB#99 | -41.82 | PASS |
| Band25 | 20MHz | QPSK | 26140 | 100RB#0 | -34.49 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#0 | -41.74 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 1RB#99 | -26.82 | PASS |
| Band25 | 20MHz | QPSK | 26590 | 100RB#0 | -35.61 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0 | -26.57 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#99 | -41.78 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | -33.73 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0 | -41.65 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#99 | -27.81 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | -35.84 | PASS |

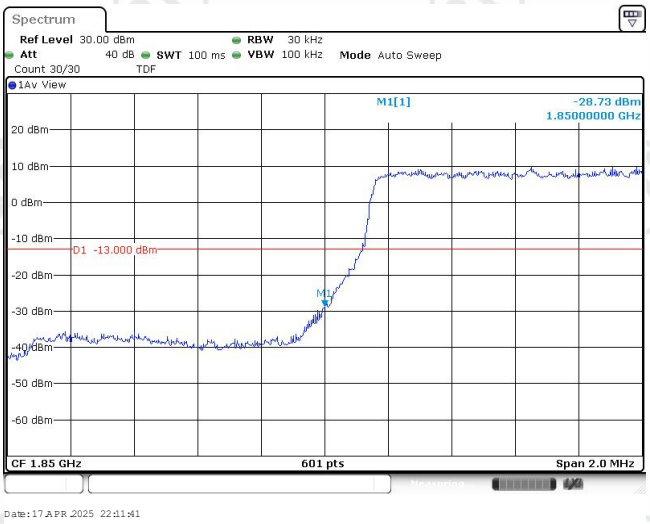
## Test Graphs



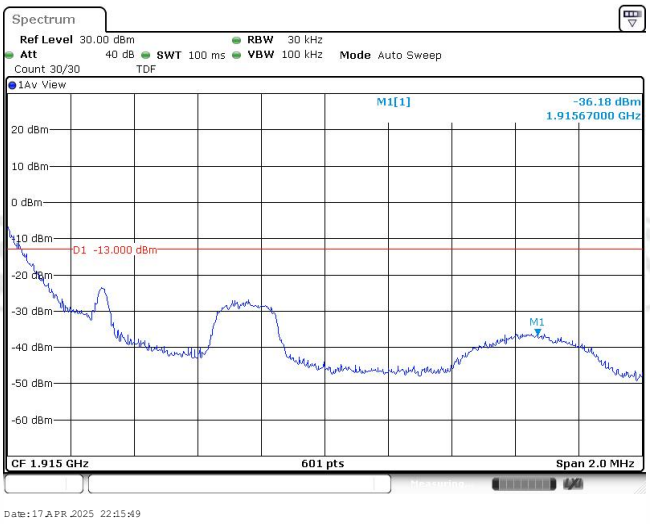

Band25-1.4MHz-QPSK-26047-1RB#0



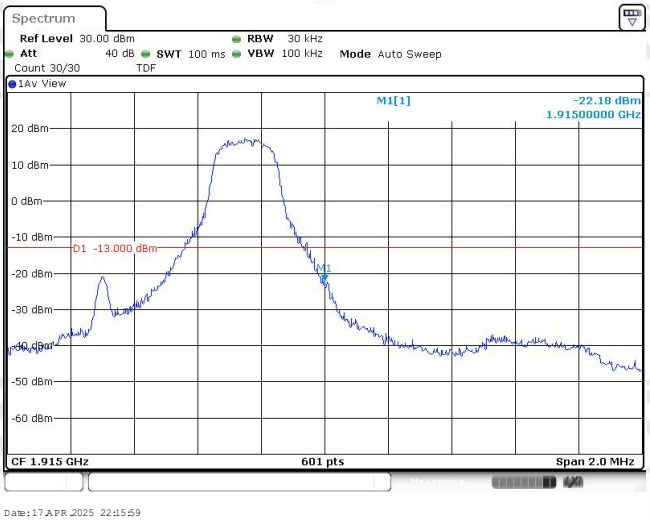

Band25-1.4MHz-QPSK-26047-1RB#5



Band25-1.4MHz-QPSK-26047-6RB#0




Band25-1.4MHz-QPSK-26683-1RB#0

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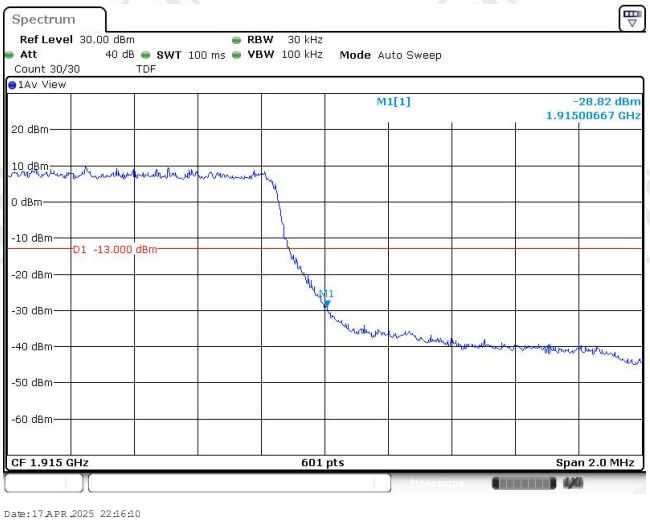


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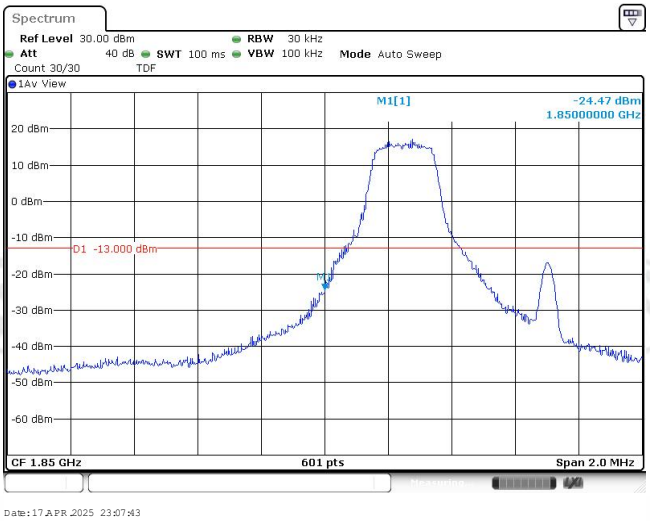
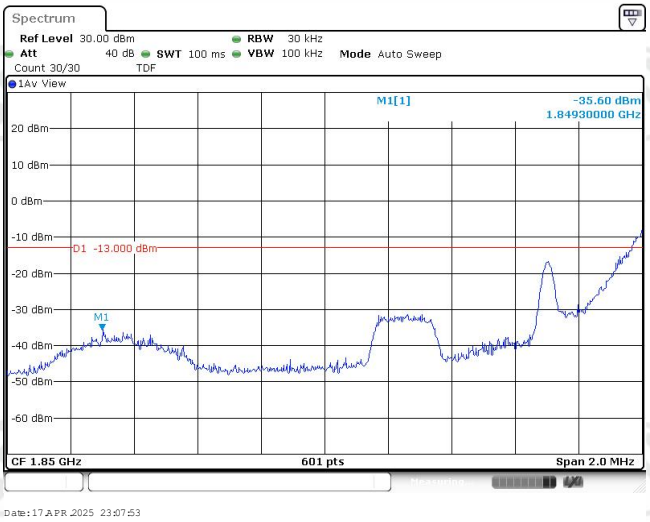



Band25-1.4MHz-16QAM-26047-1RB#0

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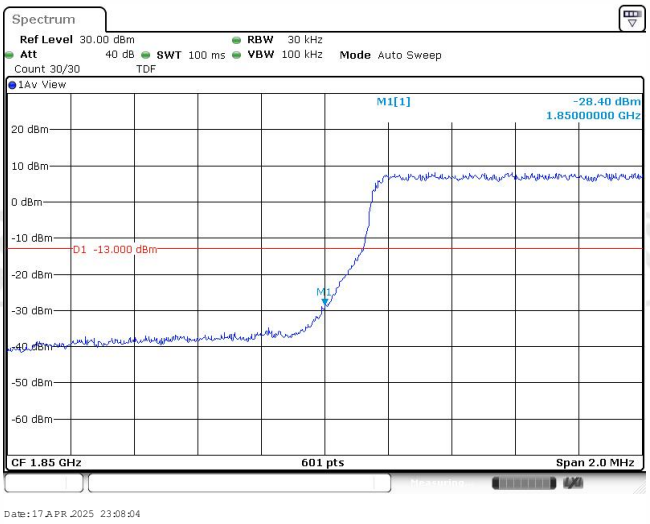
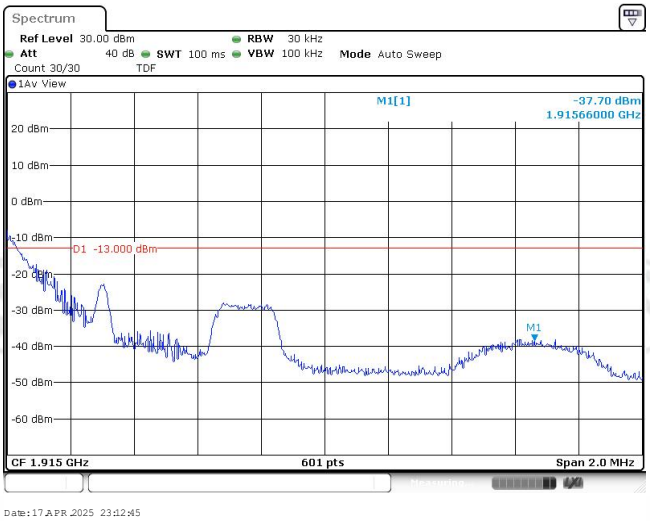
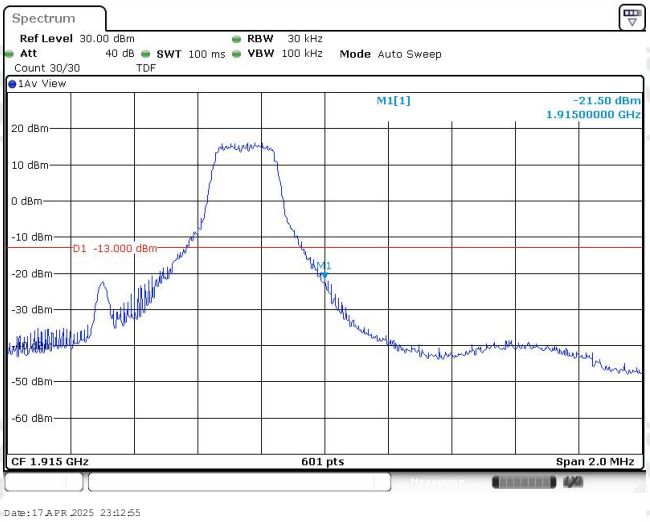


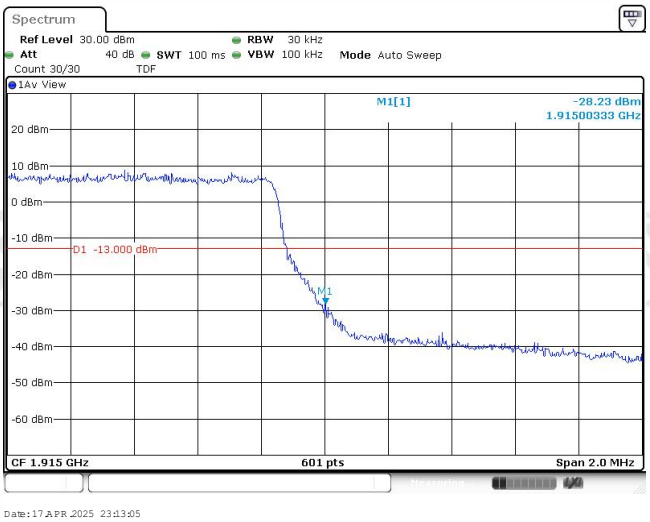

Band25-1.4MHz-16QAM-26047-6RB#0



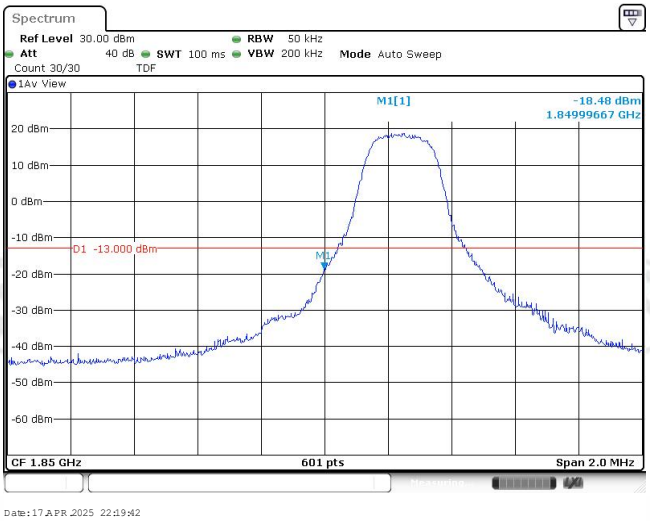

Band25-1.4MHz-16QAM-26683-1RB#0



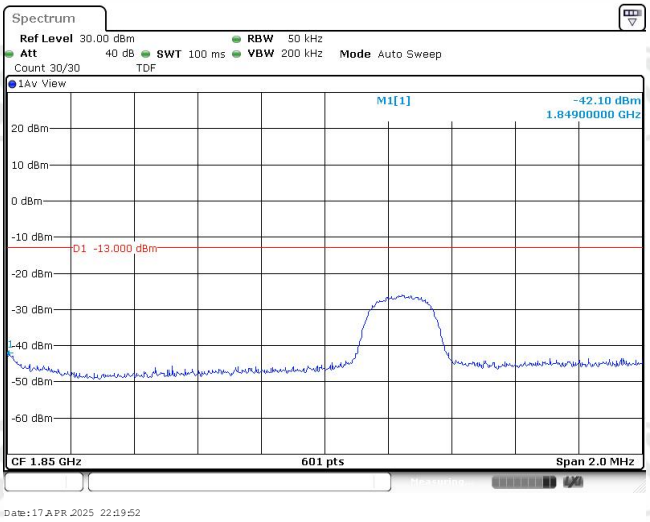

Band25-1.4MHz-16QAM-26683-1RB#5




Band25-1.4MHz-16QAM-26683-6RB#0




Band25-3MHz-QPSK-26055-1RB#0

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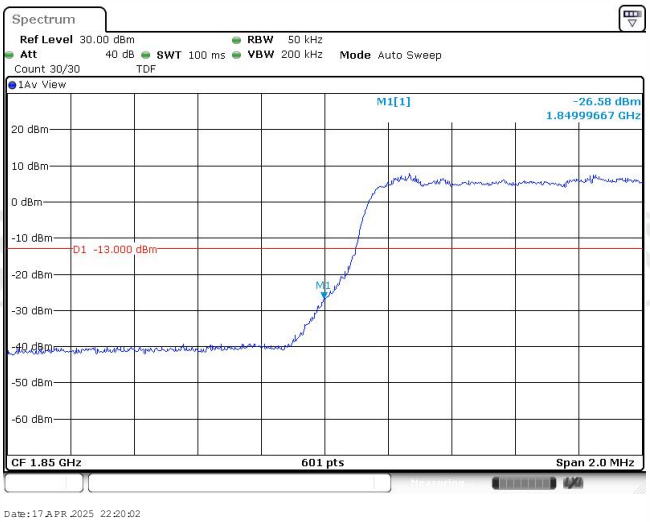


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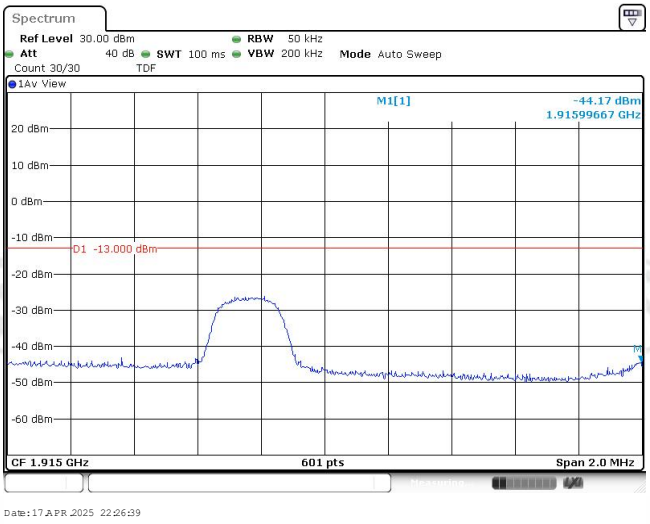


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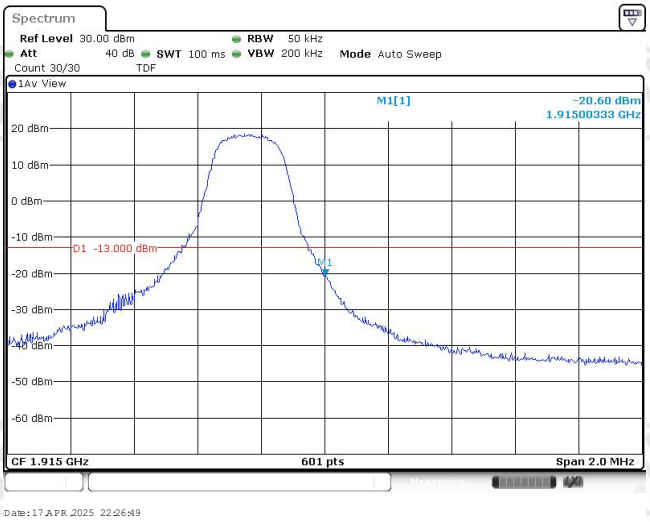
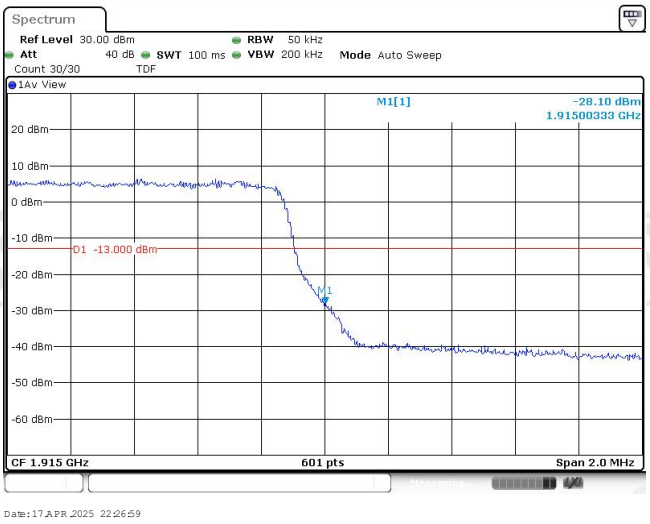



Band25-3MHz-QPSK-26675-1RB#14

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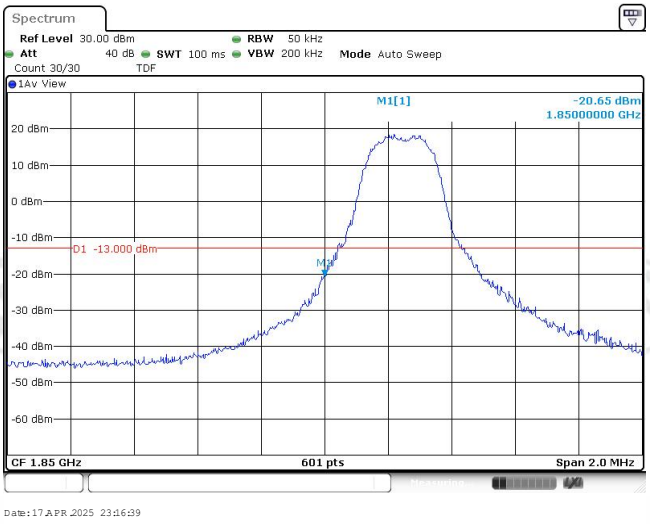


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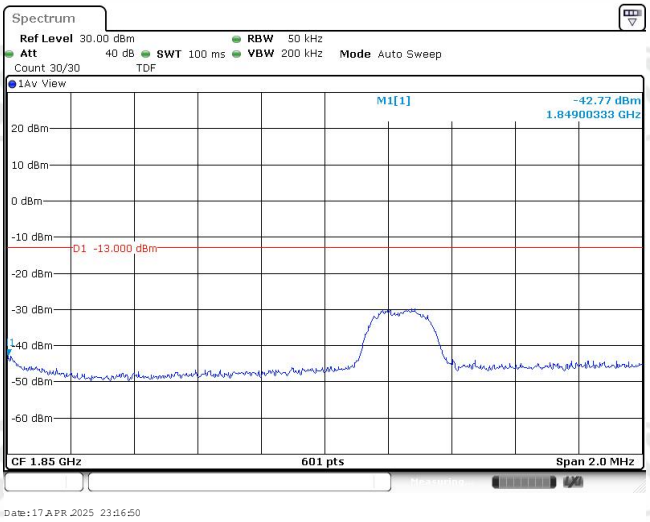


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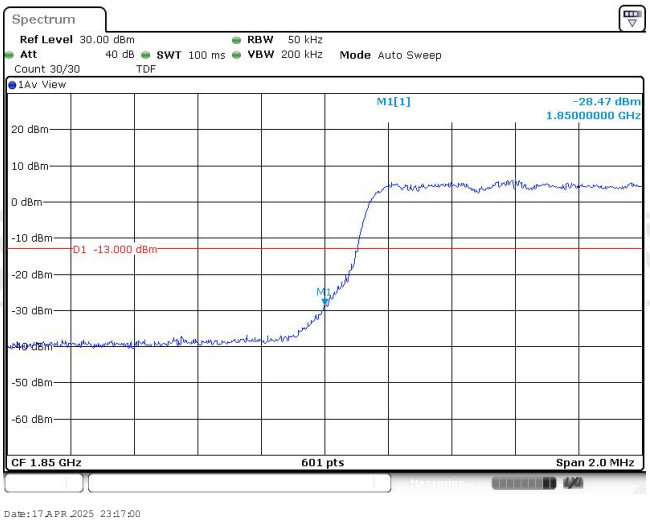


Band25-3MHz-16QAM-26055-15RB#0