# Appendix O: Test Data for E-UTRA Band 26-814-824

**Product Name: TD-LTE digital mobile phone**

**Test Model: M17 Pro**

**Environmental Conditions**

| | |
|---|---|
| Temperature: | 23.8° C |
| Relative Humidity: | 52.1% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Jay Luo |
| Supervised by: | Nick Peng |

# O.1 Conducted Output Power Data

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 23.04 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 22.96 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#2 | 22.99 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#2 | 23.04 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#5 | 23.00 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#5 | 22.94 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 3RB#0 | 23.00 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 3RB#0 | 21.96 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 3RB#1 | 23.13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 3RB#1 | 21.93 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 3RB#3 | 23.05 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 3RB#3 | 21.95 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | 22.28 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | 21.68 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 23.05 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 22.10 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#2 | 22.98 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#2 | 21.97 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#5 | 22.95 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#5 | 22.06 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 3RB#0 | 23.05 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 3RB#0 | 22.33 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 3RB#1 | 23.03 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 3RB#1 | 22.30 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 3RB#3 | 23.10 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 3RB#3 | 22.29 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 6RB#0 | 22.30 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 6RB#0 | 21.59 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 23.04 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 22.44 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#2 | 23.05 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#2 | 23.03 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#5 | 22.81 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#5 | 22.86 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 3RB#0 | 23.08 | PASS |

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|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 3RB#0 | 22.35 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 3RB#1 | 23.06 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 3RB#1 | 22.11 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 3RB#3 | 22.95 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 3RB#3 | 21.99 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | 22.17 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | 21.50 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 23.09 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 22.34 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#8 | 23.19 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#8 | 22.21 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#14 | 23.14 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#14 | 22.22 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 8RB#0 | 22.39 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 8RB#0 | 21.71 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 8RB#4 | 22.25 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 8RB#4 | 21.78 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 8RB#7 | 22.35 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 8RB#7 | 21.86 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | 22.33 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | 21.59 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 23.12 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 22.06 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#8 | 23.10 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#8 | 22.06 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#14 | 23.05 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#14 | 22.47 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 8RB#0 | 22.23 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 8RB#0 | 21.80 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 8RB#4 | 22.24 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 8RB#4 | 21.81 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 8RB#7 | 22.30 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 8RB#7 | 21.75 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 15RB#0 | 22.35 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 15RB#0 | 21.40 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 23.12 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 22.65 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#8 | 23.13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#8 | 22.60 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#14 | 23.18 | PASS |

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|---|---|---|---|---|---|---|
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#14 | 22.72 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 8RB#0 | 22.22 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 8RB#0 | 21.79 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 8RB#4 | 22.24 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 8RB#4 | 21.79 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 8RB#7 | 22.14 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 8RB#7 | 21.79 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | 22.01 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | 21.67 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 23.18 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 21.93 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#12 | 23.13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#12 | 21.76 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#24 | 23.15 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#24 | 21.93 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 12RB#0 | 22.29 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 12RB#0 | 21.55 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 12RB#6 | 22.31 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 12RB#6 | 21.56 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 12RB#13 | 22.22 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 12RB#13 | 21.48 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | 22.28 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | 21.57 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 22.91 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 22.34 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#12 | 23.03 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#12 | 22.49 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#24 | 23.04 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#24 | 22.25 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 12RB#0 | 22.14 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 12RB#0 | 21.56 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 12RB#6 | 22.32 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 12RB#6 | 21.50 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 12RB#13 | 22.21 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 12RB#13 | 21.77 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 25RB#0 | 22.33 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 25RB#0 | 21.63 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 23.07 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 22.18 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#12 | 23.10 | PASS |

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|---|---|---|---|---|---|---|
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#12 | 22.42 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#24 | 23.29 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#24 | 22.51 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 12RB#0 | 22.46 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 12RB#0 | 21.54 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 12RB#6 | 22.51 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 12RB#6 | 21.55 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 12RB#13 | 22.30 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 12RB#13 | 21.50 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | 22.24 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | 21.63 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 23.22 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 22.31 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#24 | 23.12 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#24 | 22.30 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#49 | 23.09 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#49 | 22.27 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 25RB#0 | 22.29 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 25RB#0 | 21.44 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 25RB#12 | 22.36 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 25RB#12 | 21.45 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 25RB#25 | 22.16 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 25RB#25 | 21.41 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 22.24 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 21.54 | PASS |

## O.2 Peak-to-Average Ratio(CCDF)

### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 3.92 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 4.41 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | 4.91 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | 5.48 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 4.25 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 5.01 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 6RB#0 | 5.27 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 6RB#0 | 5.84 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 5.01 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 5.41 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | 5.78 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | 6.47 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 3.93 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 4.72 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | 4.97 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | 5.64 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 4.28 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 4.89 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 15RB#0 | 5.31 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 15RB#0 | 6.01 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 4.87 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 5.23 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | 5.66 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | 6.33 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 3.98 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 4.88 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | 5.28 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | 5.89 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 4.37 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 5.05 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 25RB#0 | 5.49 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 25RB#0 | 6.14 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 4.52 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 5.12 | 13 | PASS |

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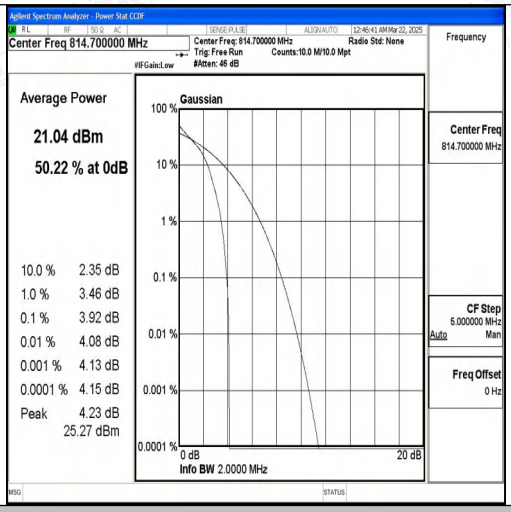
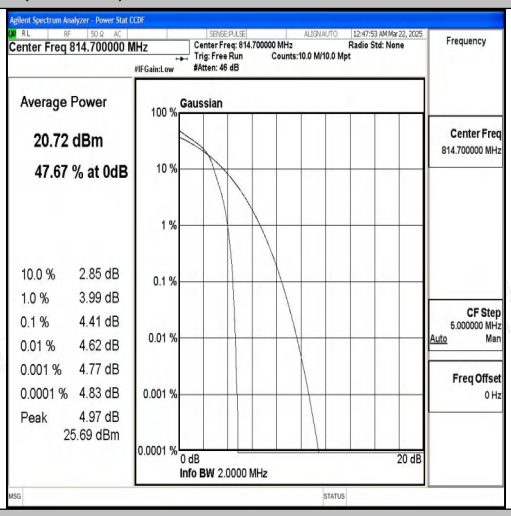
|---|---|---|---|---|---|---|---|
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | 5.68 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | 6.30 | 13 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 3.98 | 13 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 4.69 | 13 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 5.49 | 13 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 6.17 | 13 | PASS |

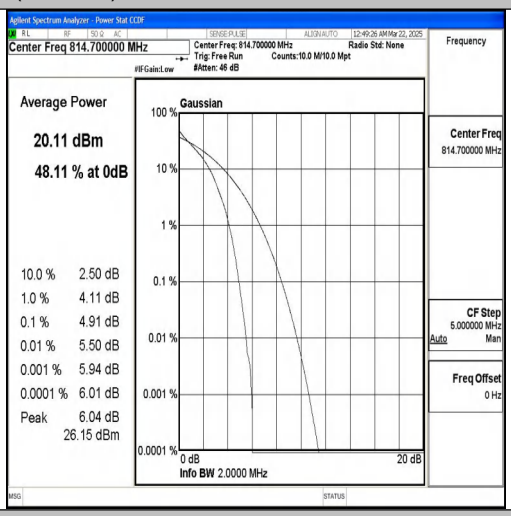
## Test Graphs



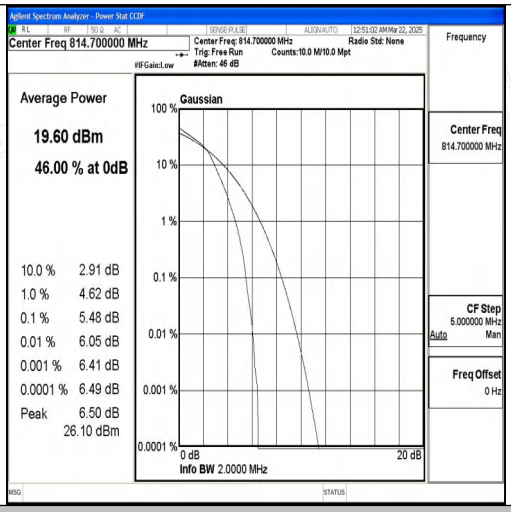

26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS



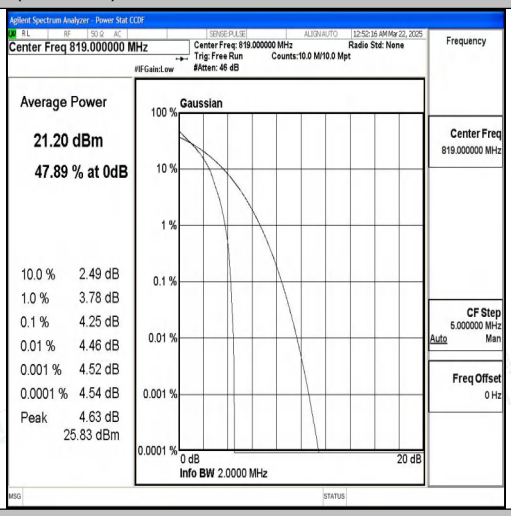

26(814-824)-1.4MHz-16QAM-26697-1RB#0-PASS



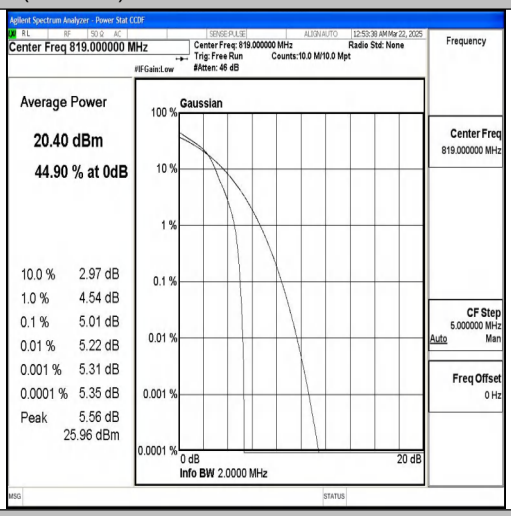

26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



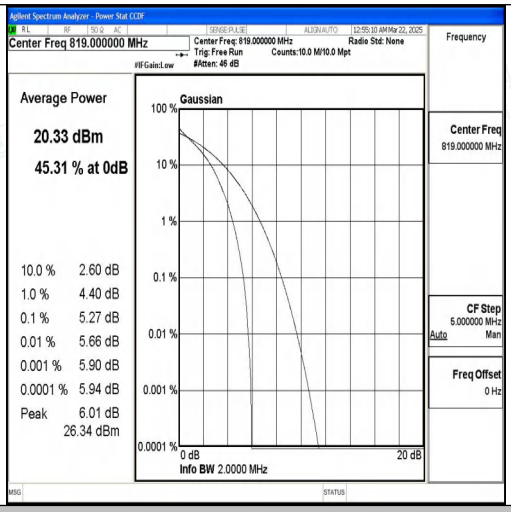

26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS



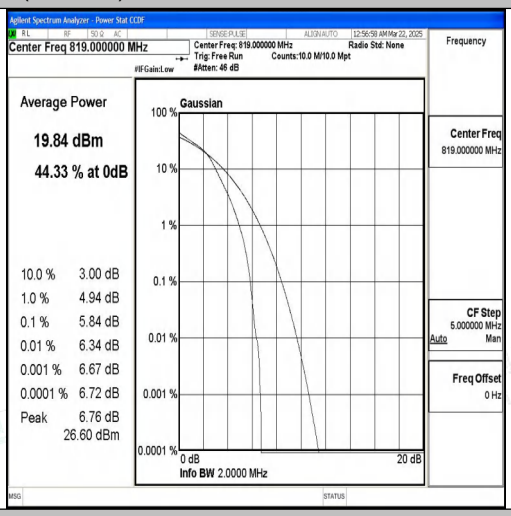

26(814-824)-1.4MHz-QPSK-26740-1RB#0-PASS



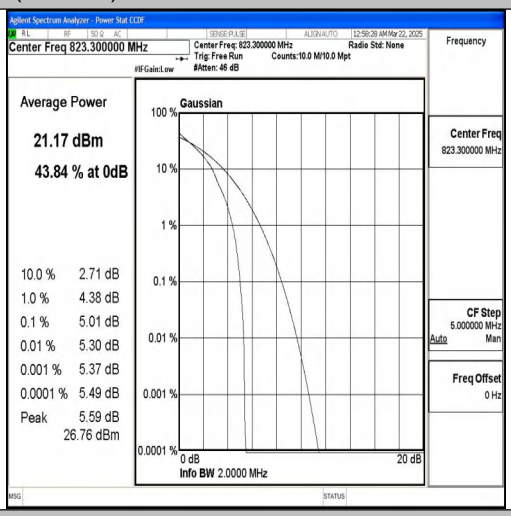

26(814-824)-1.4MHz-16QAM-26740-1RB#0-PASS



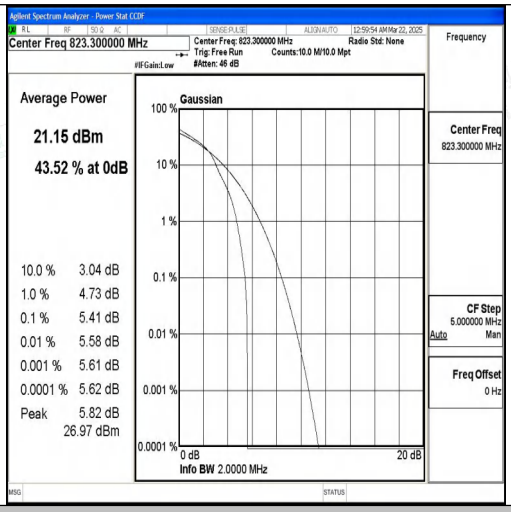

26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



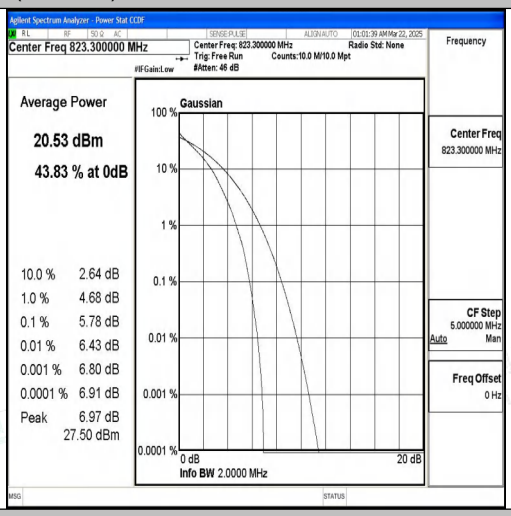

26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS




26(814-824)-1.4MHz-QPSK-26783-1RB#0-PASS




26(814-824)-1.4MHz-16QAM-26783-1RB#0-PASS

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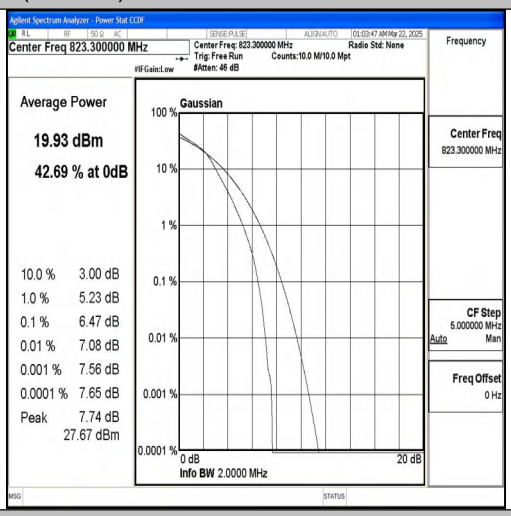


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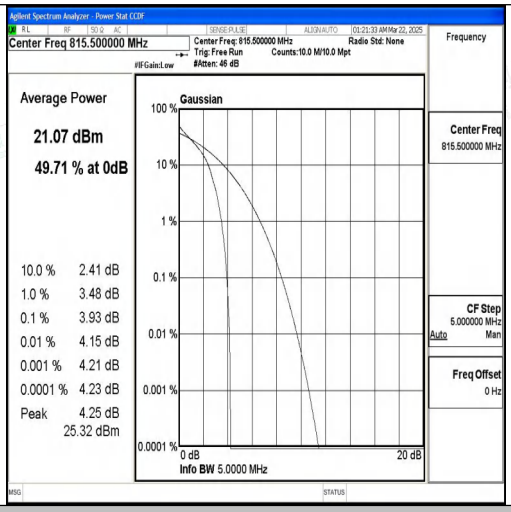
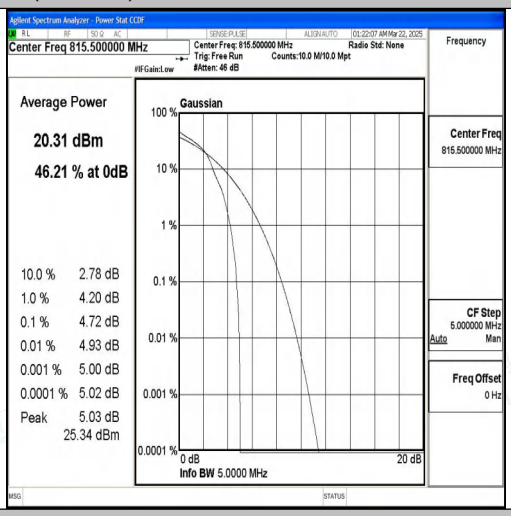



26(814-824)-3MHz-QPSK-26705-1RB#0-PASS

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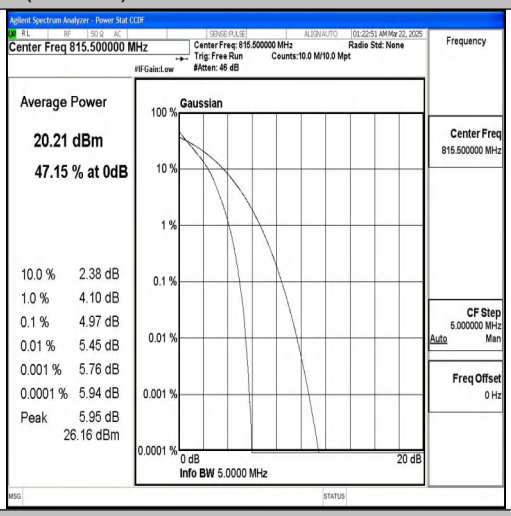


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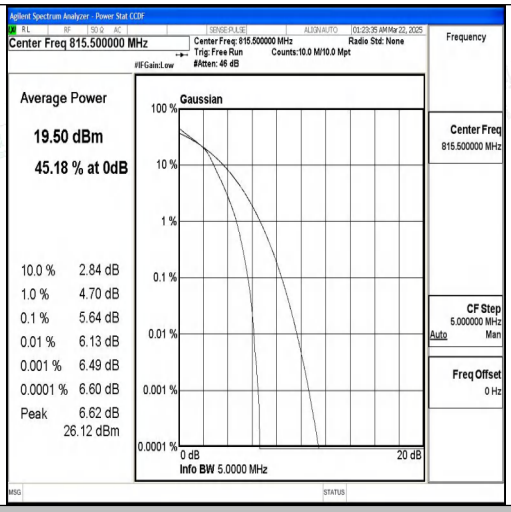


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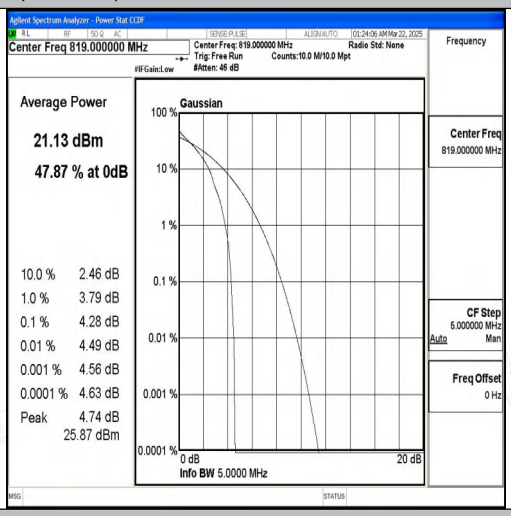


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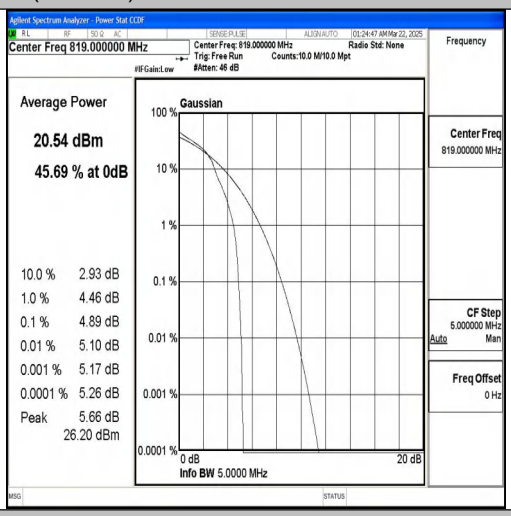


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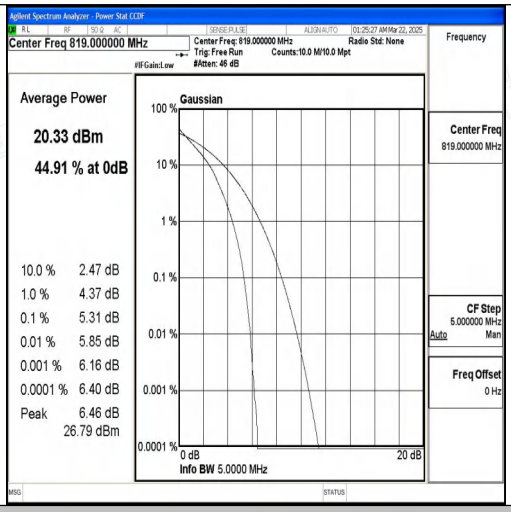


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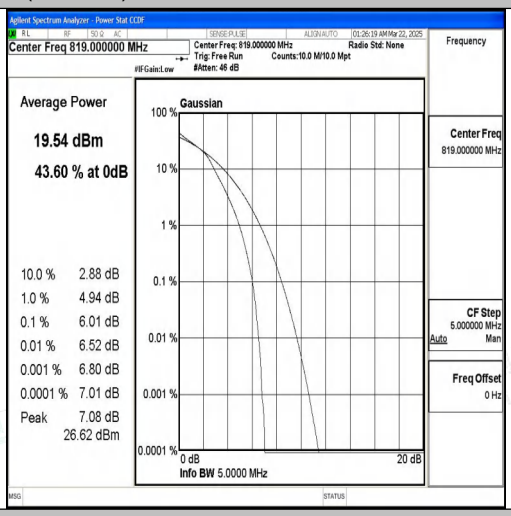


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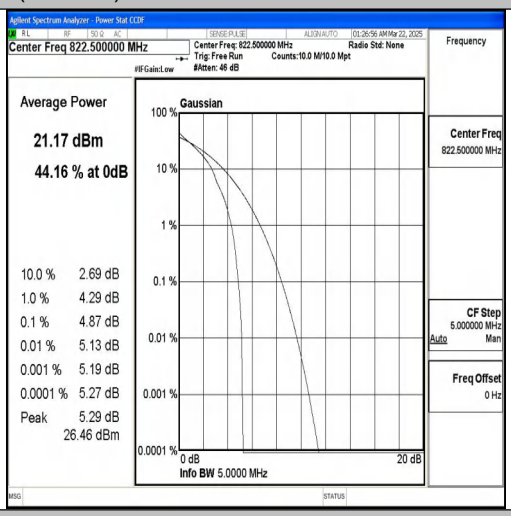


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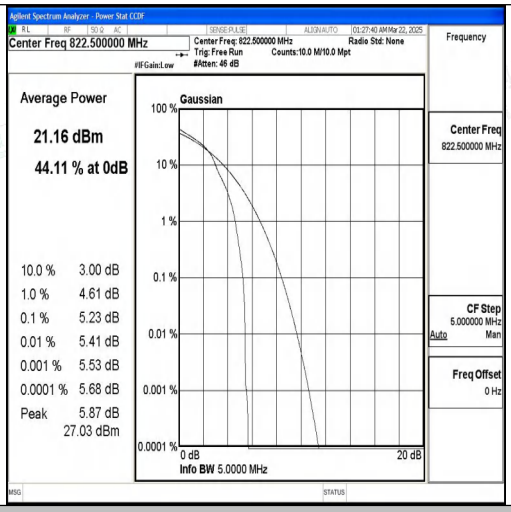
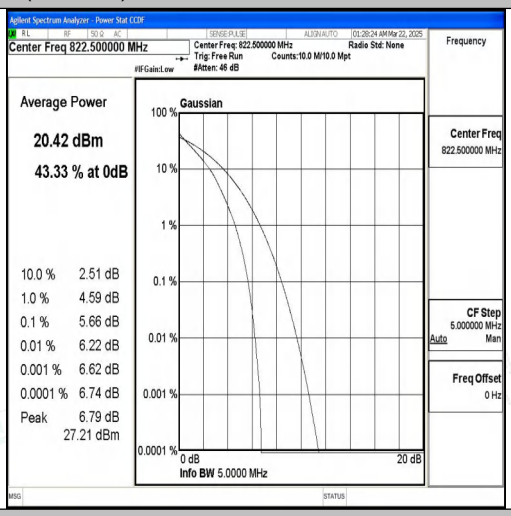



26(814-824)-3MHz-16QAM-26775-1RB#0-PASS

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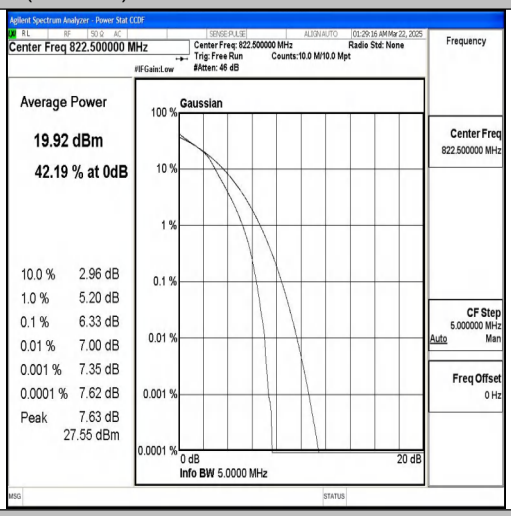


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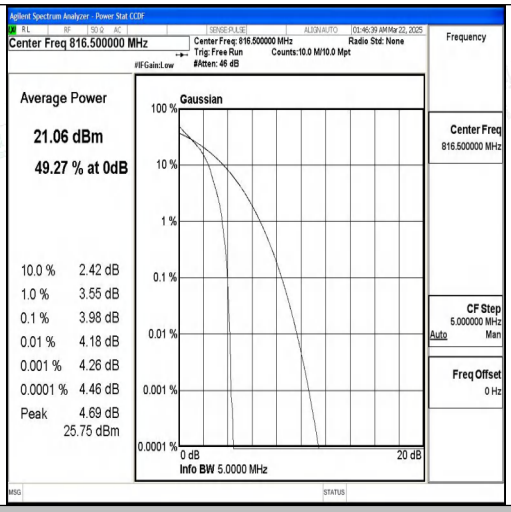


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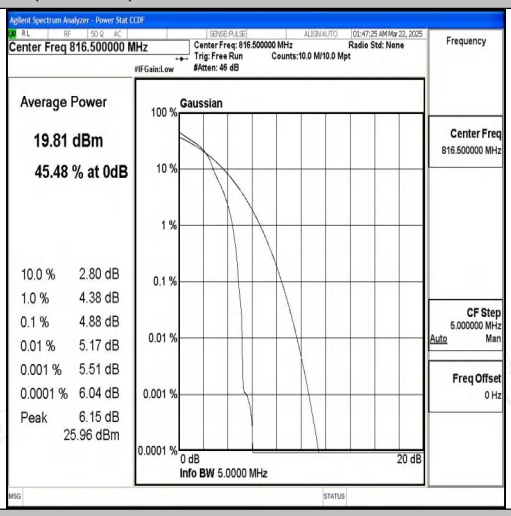


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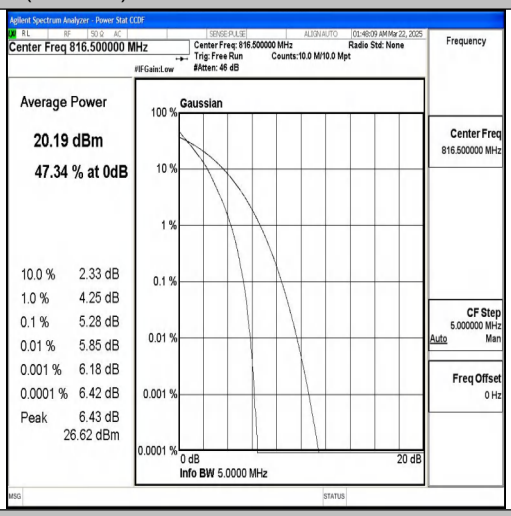


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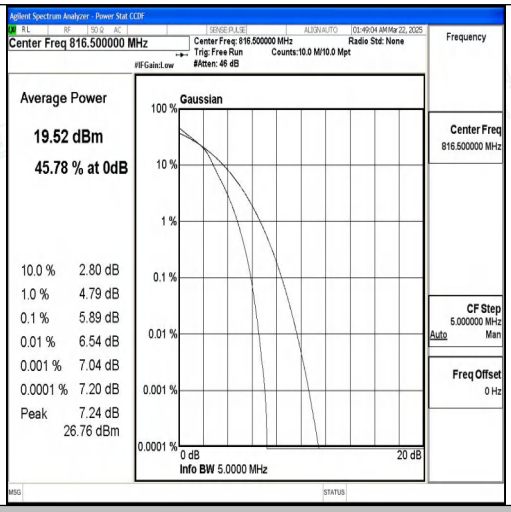


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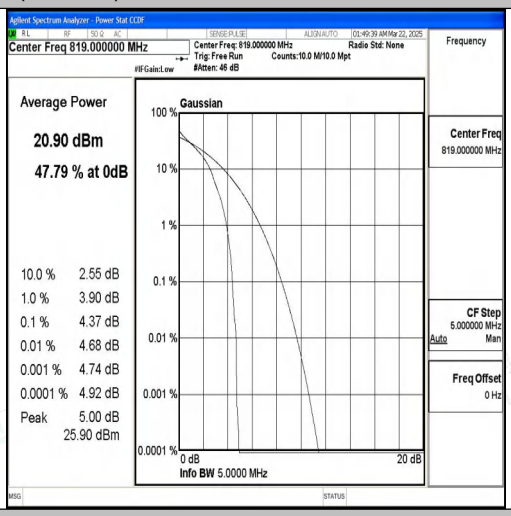


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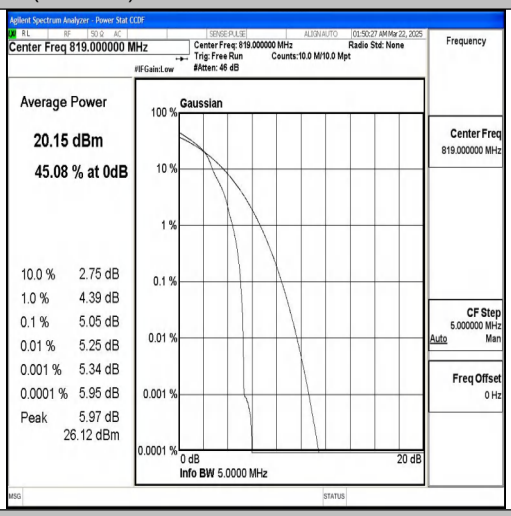


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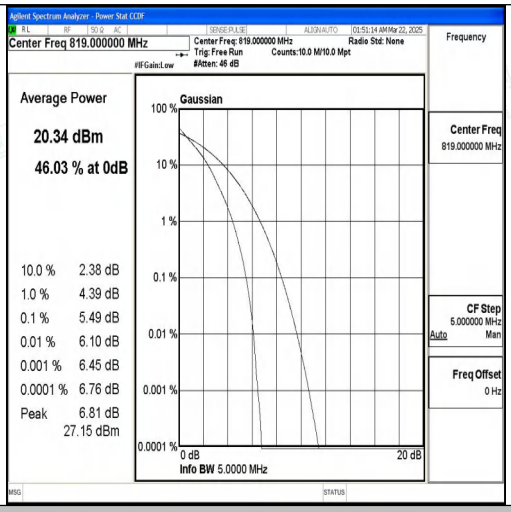


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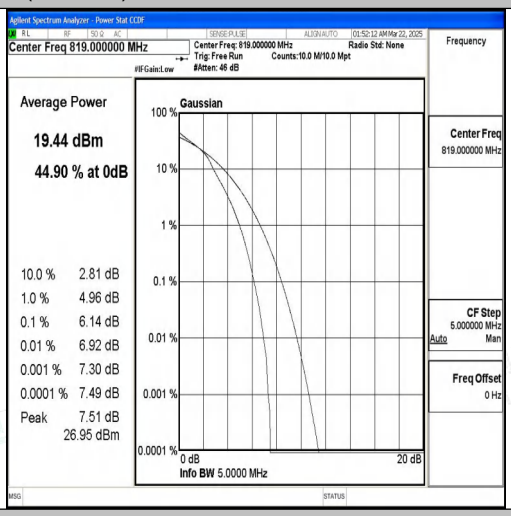


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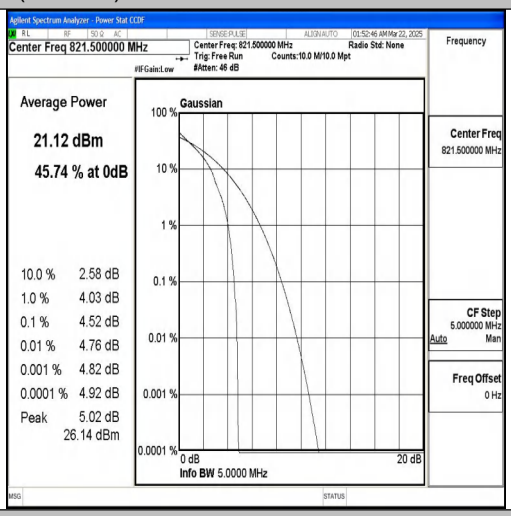


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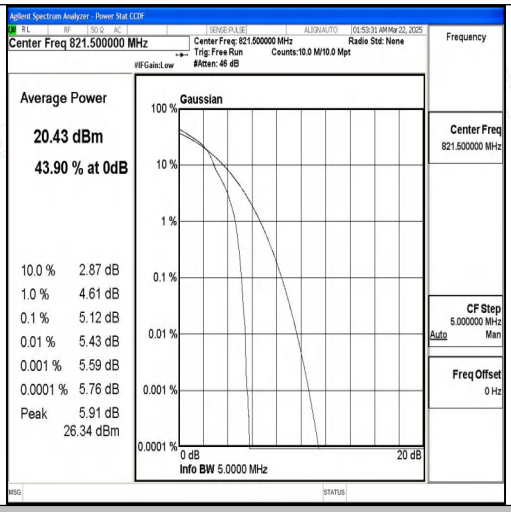


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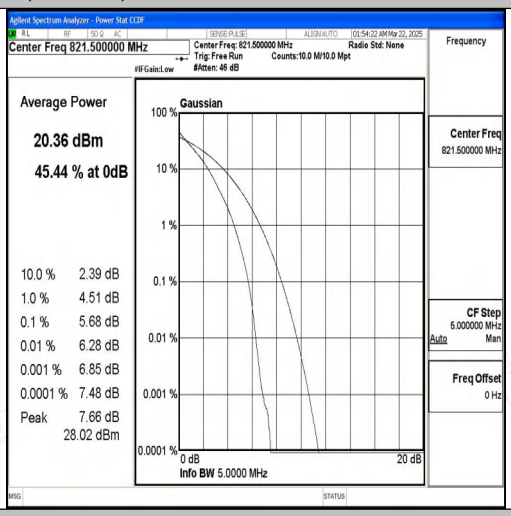


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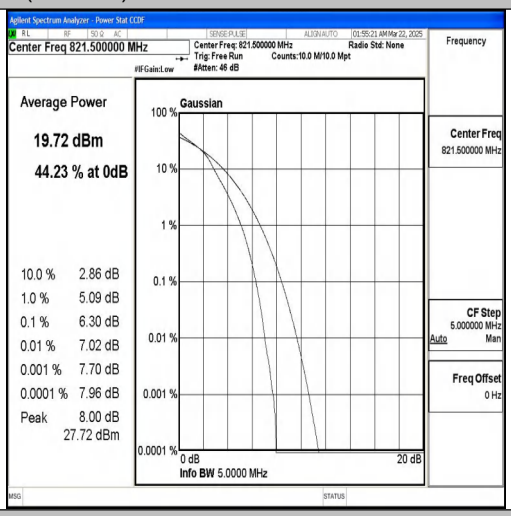


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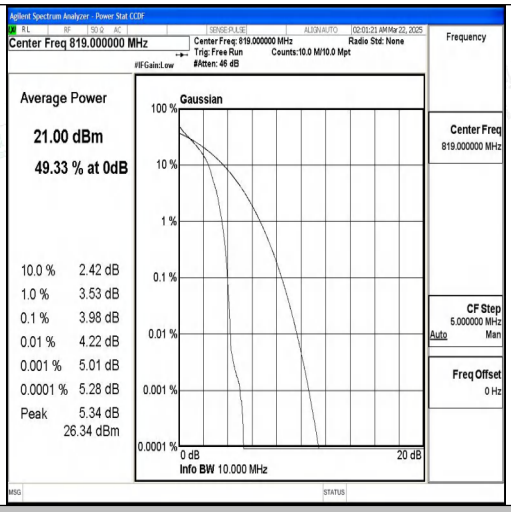
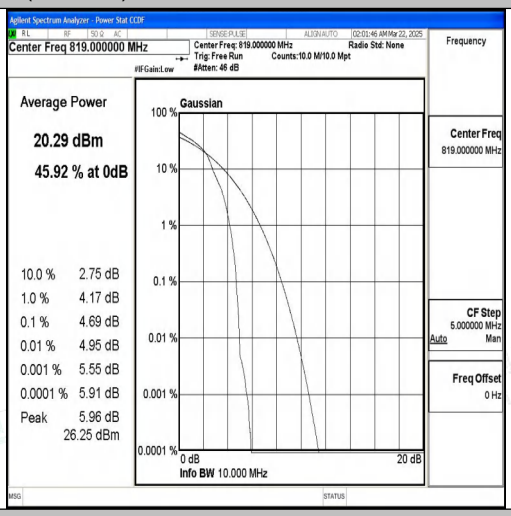



26(814-824)-10MHz-QPSK-26740-1RB#0-PASS

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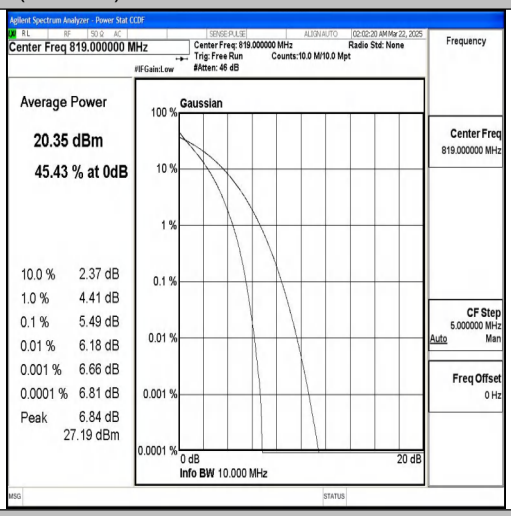


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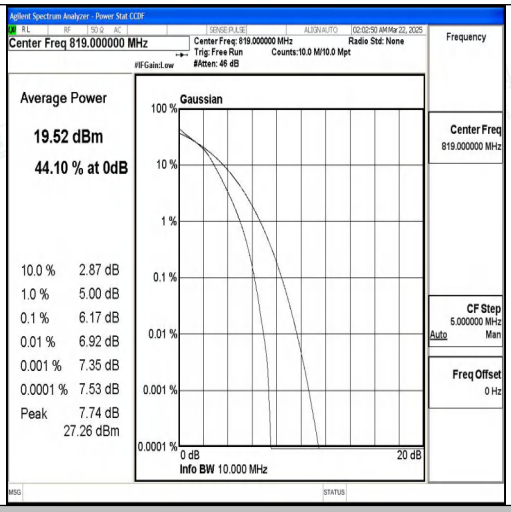


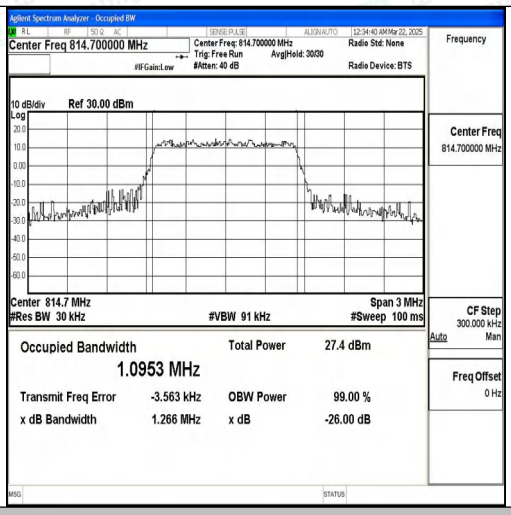

26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

# O.3 26dB Bandwidth and Occupied Bandwidth

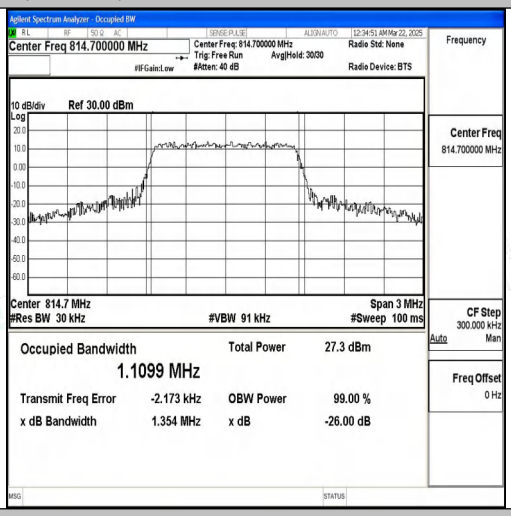
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | 1.0953 | 1.266 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | 1.1099 | 1.354 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 6RB#0 | 1.1004 | 1.307 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 6RB#0 | 1.1038 | 1.357 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | 1.1016 | 1.279 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | 1.0985 | 1.338 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | 2.7647 | 3.487 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | 2.7634 | 3.215 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 15RB#0 | 2.7627 | 3.494 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 15RB#0 | 2.7631 | 3.622 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | 2.7741 | 3.382 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | 2.7658 | 3.444 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | 4.5208 | 5.289 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | 4.5119 | 5.283 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 25RB#0 | 4.5205 | 5.365 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 25RB#0 | 4.5352 | 5.422 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | 4.5155 | 5.239 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | 4.5448 | 5.401 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 8.9872 | 10.12 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 9.0130 | 10.12 | PASS |

## Test Graphs




26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS

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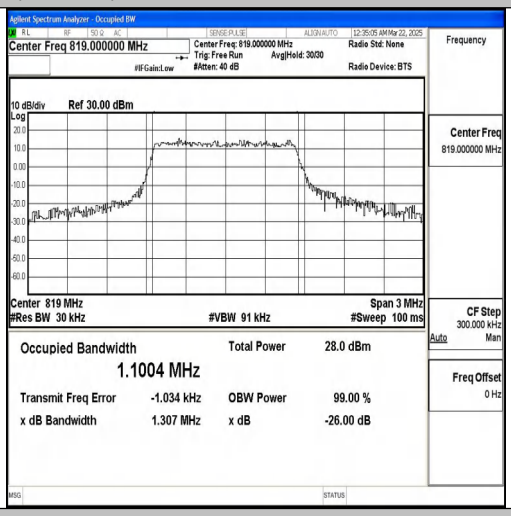


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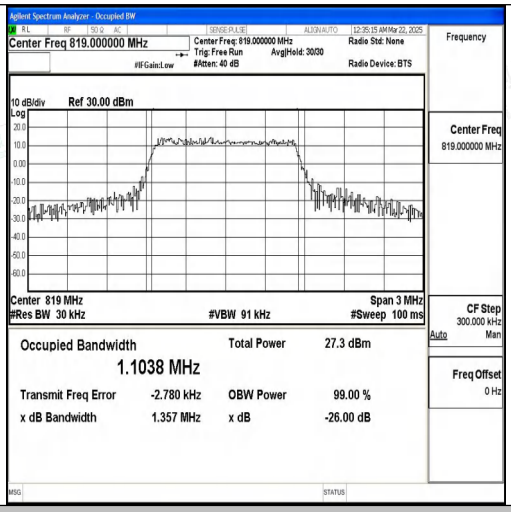


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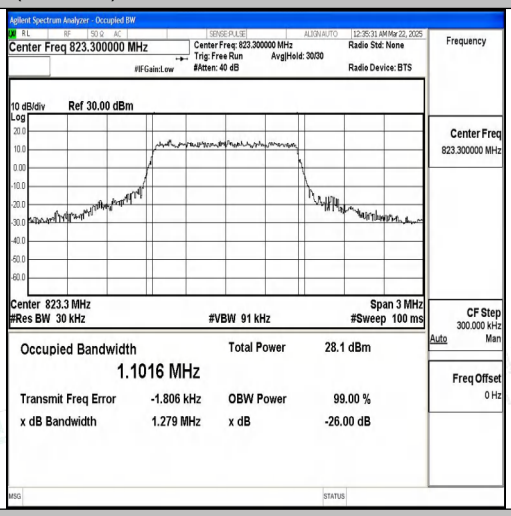


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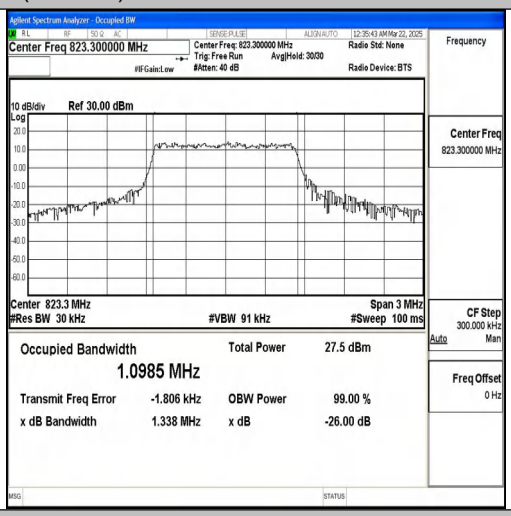


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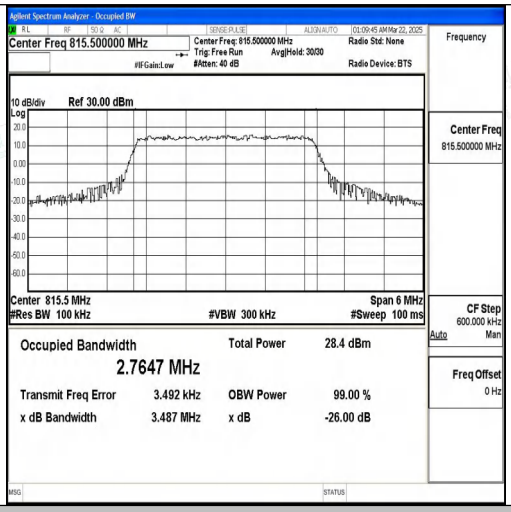


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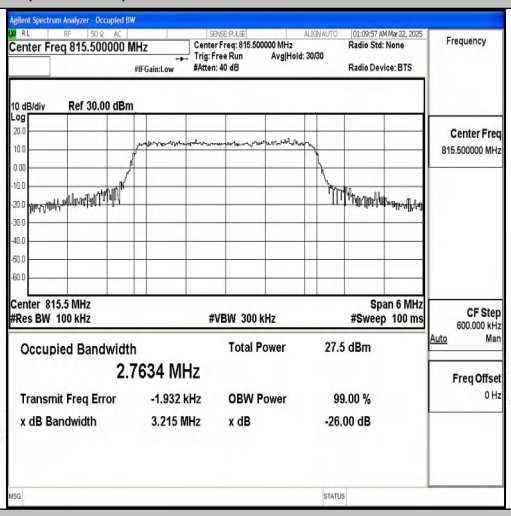


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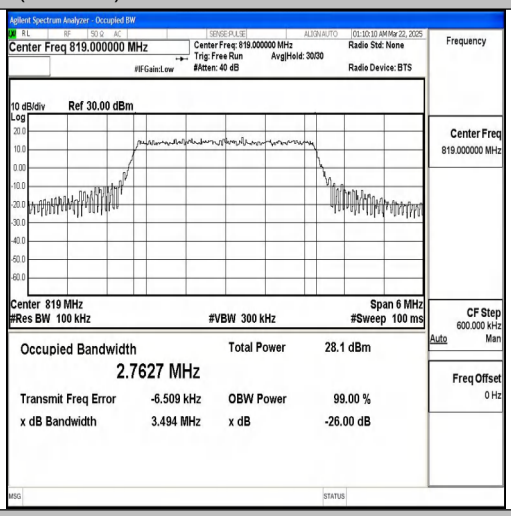


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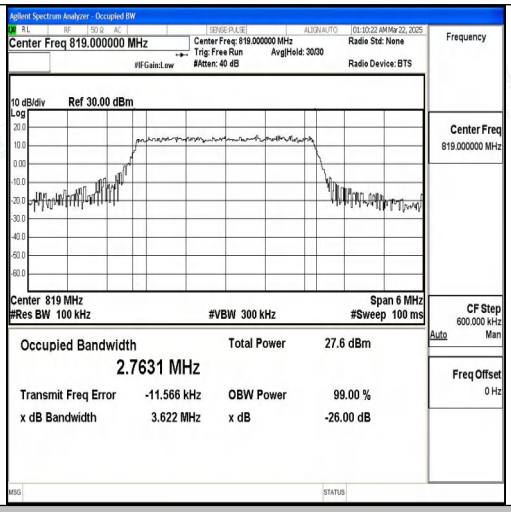


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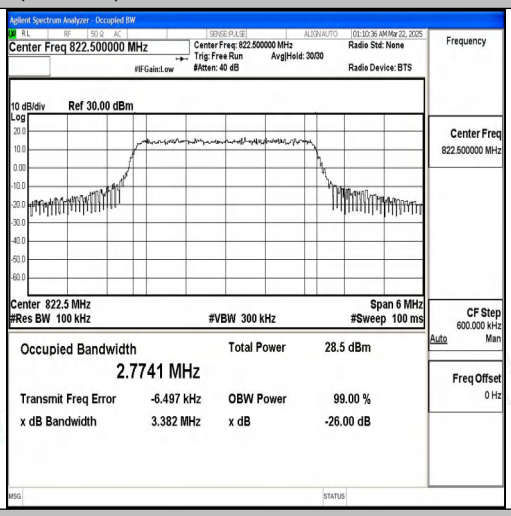


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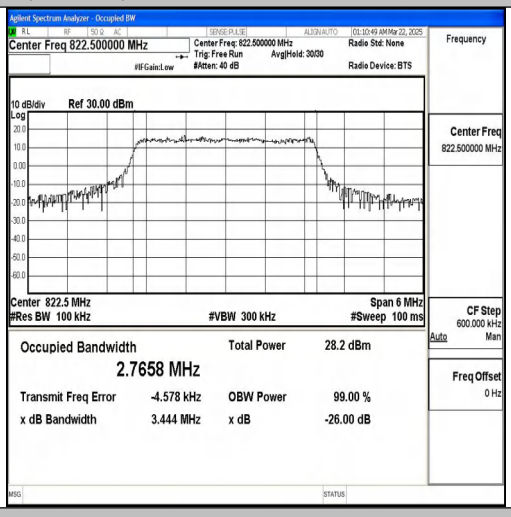


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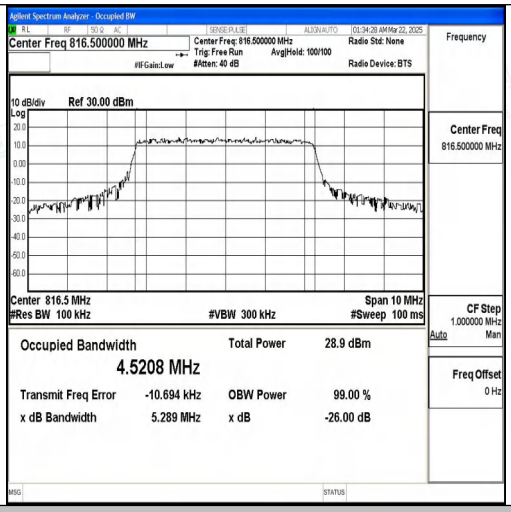
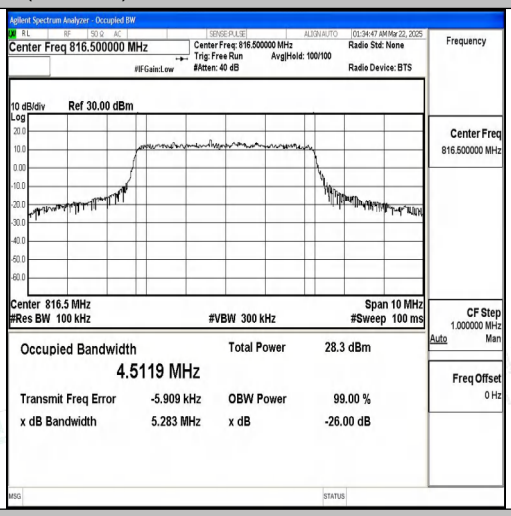
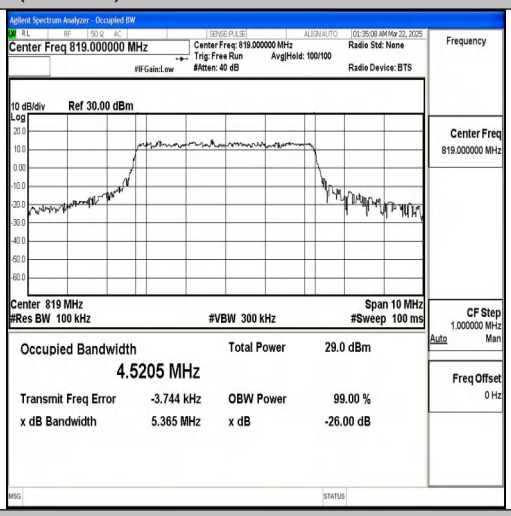


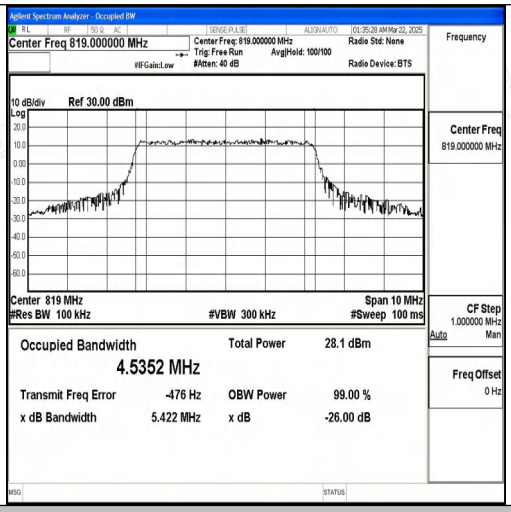

26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



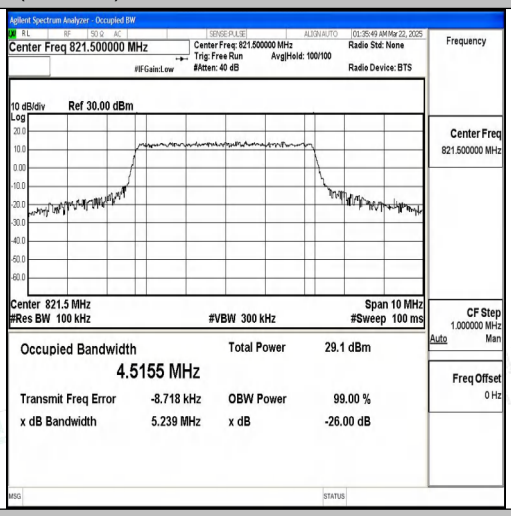

26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



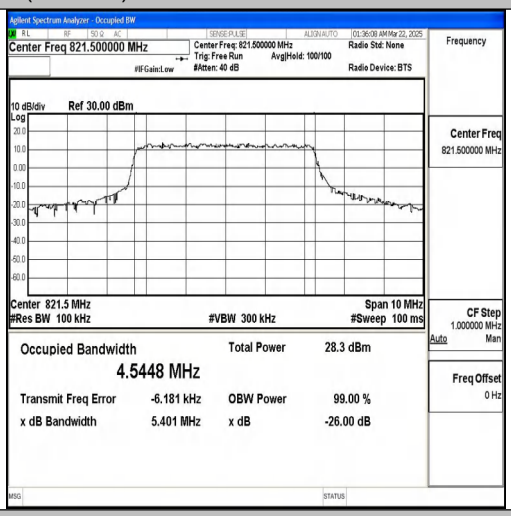

26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



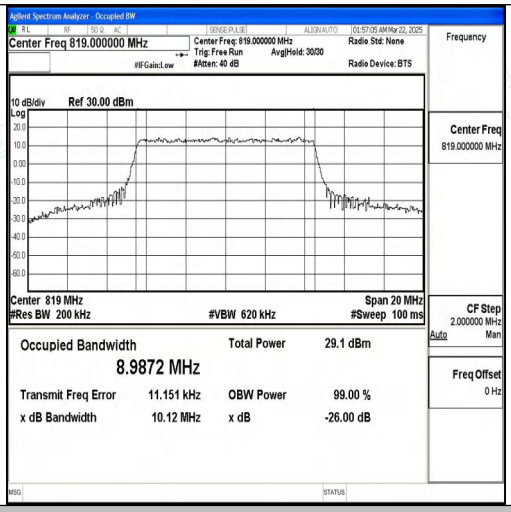

26(814-824)-5MHz-16QAM-26740-25RB#0-PASS



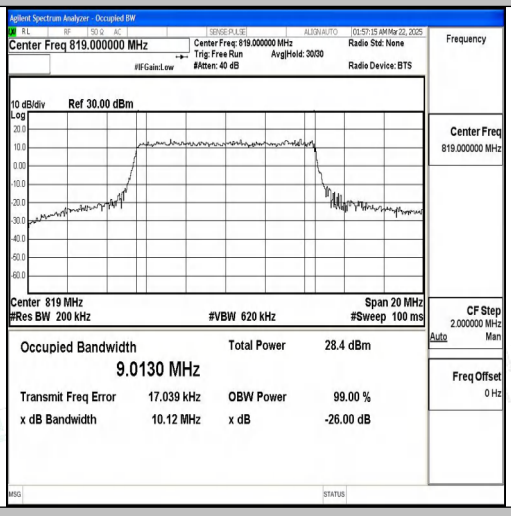

26(814-824)-5MHz-QPSK-26765-25RB#0-PASS




26(814-824)-5MHz-16QAM-26765-25RB#0-PASS




26(814-824)-10MHz-QPSK-26740-50RB#0-PASS



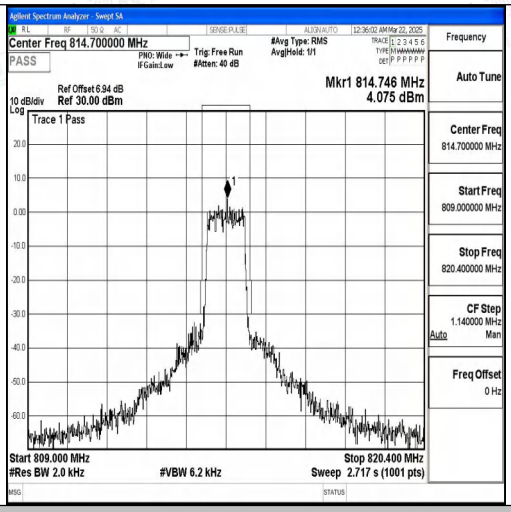

26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

## O.4 Band Edge

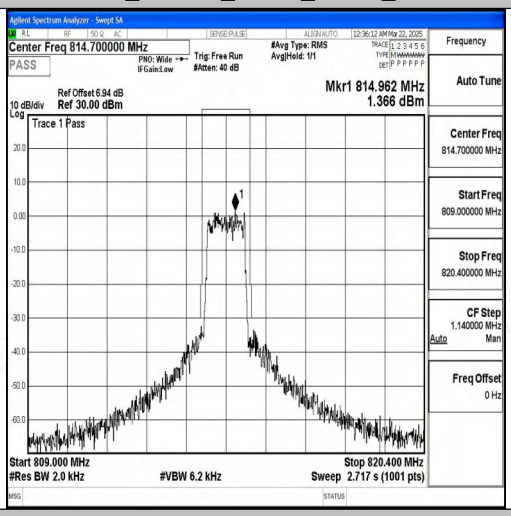
### Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Peak Frenquency | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | 813.79 | -32.49 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | 815.49 | -33.61 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | 824.11 | -32.58 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | 824.09 | -31.54 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | 817.09 | -36.09 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | 813.95 | -37.25 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | 820.95 | -35.51 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | 820.91 | -36.02 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | 813.94 | -37.97 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | 819.10 | -39.89 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | 818.85 | -39.53 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | 818.80 | -39.74 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 812.26 | -43.57 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 824.08 | -42.23 | PASS |

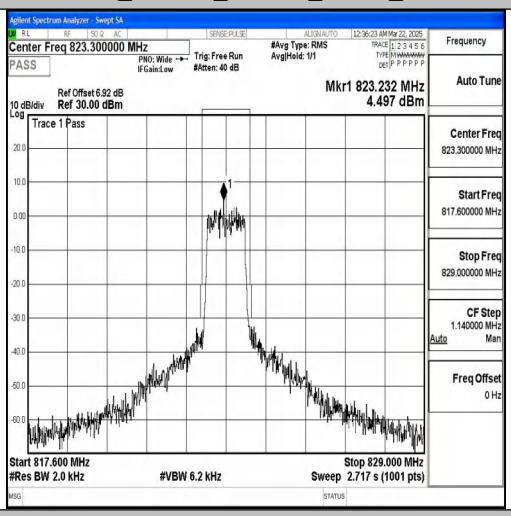
## Test Graphs



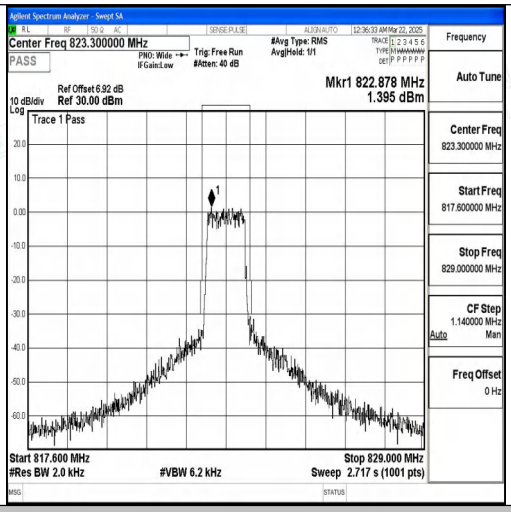

Band26_1.4MHz_QPSK_26697_6RB#0



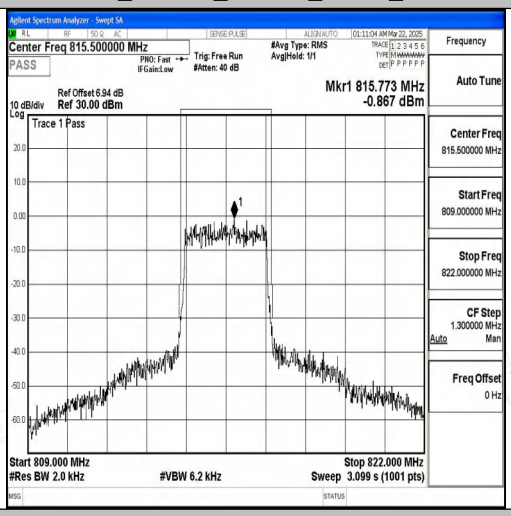

Band26_1.4MHz_16QAM_26697_6RB#0



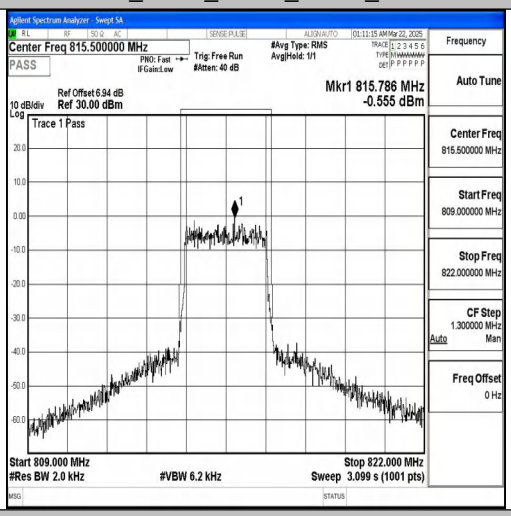

Band26_1.4MHz_QPSK_26783_6RB#0



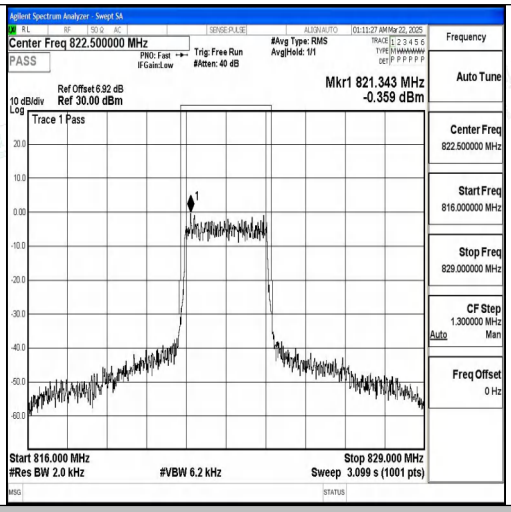

Band26_1.4MHz_16QAM_26783_6RB#0



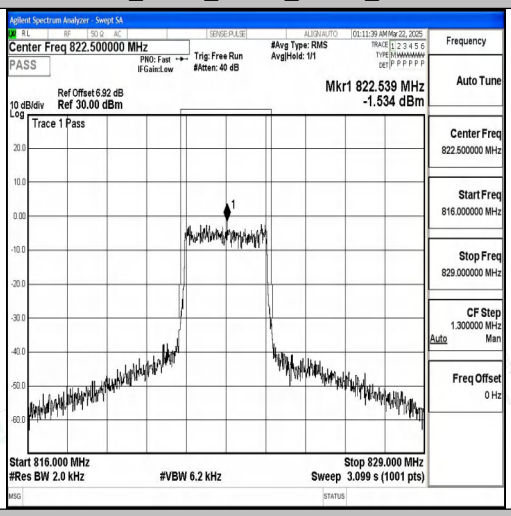

Band26_3MHz_QPSK_26705_15RB#0



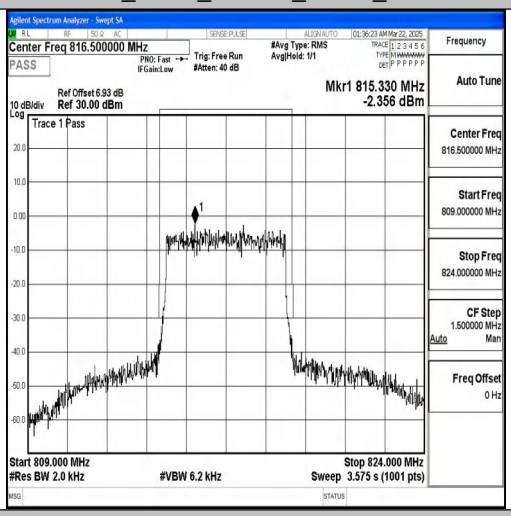

Band26_3MHz_16QAM_26705_15RB#0



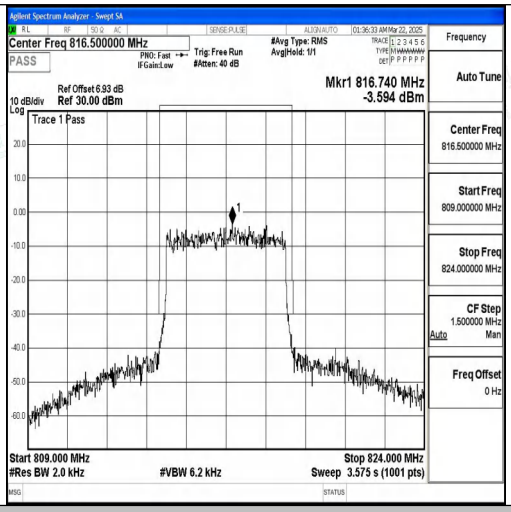

Band26_3MHz_QPSK_26775_15RB#0



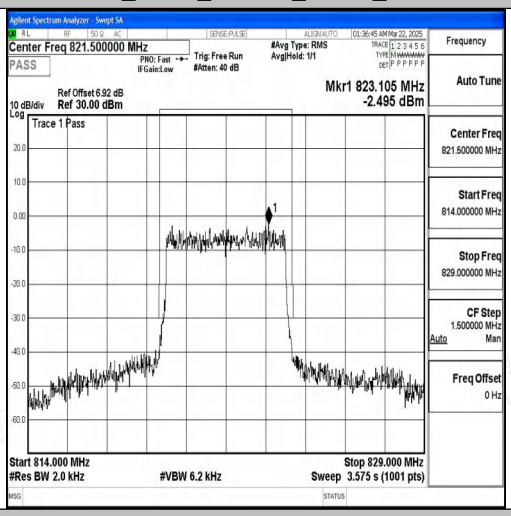

Band26_3MHz_16QAM_26775_15RB#0



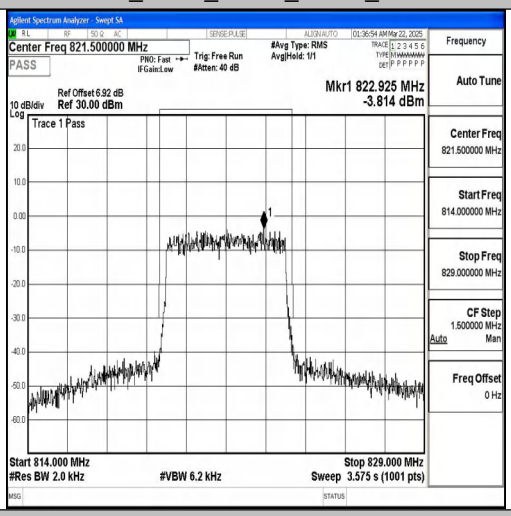

Band26_5MHz_QPSK_26715_25RB#0



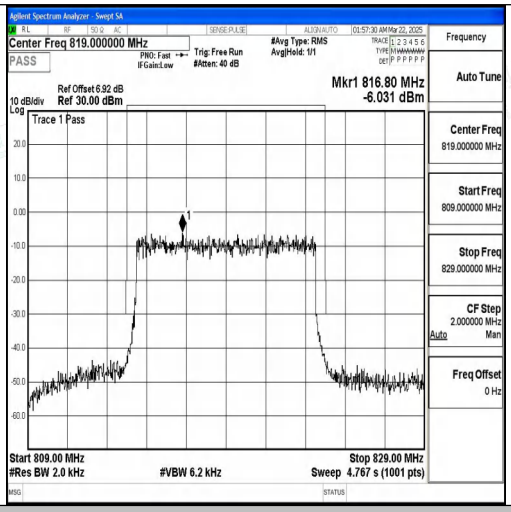

Band26_5MHz_16QAM_26715_25RB#0



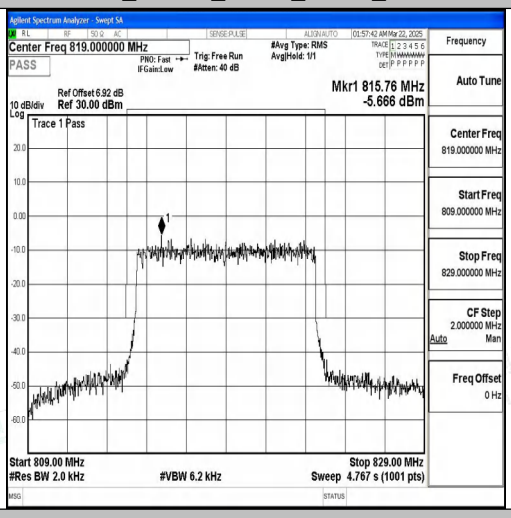

Band26_5MHz_QPSK_26765_25RB#0




Band26_5MHz_16QAM_26765_25RB#0




Band26_10MHz_QPSK_26740_50RB#0




Band26_10MHz_16QAM_26740_50RB#0

# O.5 Conducted Spurious Emission

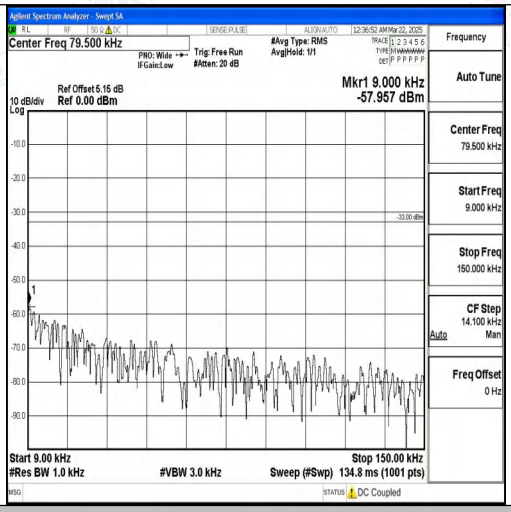
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 0.009~0.15 | -57.96 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 0.15~30 | -44.27 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 30~1000 | -29.75 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 1000~3000 | -38.94 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 3000~10000 | -35.00 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 0.009~0.15 | -57.68 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 0.15~30 | -45.99 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 30~1000 | -23.83 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 1000~3000 | -38.05 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 3000~10000 | -35.08 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -54.98 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -45.15 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -29.04 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -38.46 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -35.68 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -60.16 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -45.51 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -28.39 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -38.31 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -35.79 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 0.009~0.15 | -57.86 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 0.15~30 | -44.50 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 30~1000 | -26.26 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 1000~3000 | -39.05 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 3000~10000 | -35.23 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 0.009~0.15 | -56.96 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 0.15~30 | -45.52 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 30~1000 | -30.32 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 1000~3000 | -38.51 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 3000~10000 | -35.31 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 0.009~0.15 | -60.07 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 0.15~30 | -43.78 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 30~1000 | -31.96 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 1000~3000 | -38.90 | PASS |

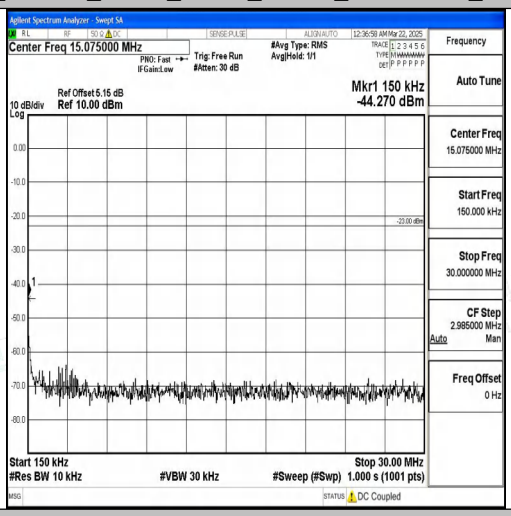
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 3000~10000 | -34.85 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 0.009~0.15 | -56.72 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 0.15~30 | -44.97 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 30~1000 | -31.26 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 1000~3000 | -38.53 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 3000~10000 | -35.74 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -56.37 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -45.19 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -29.62 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -38.68 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -34.99 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -57.60 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -47.72 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -31.73 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -37.82 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -35.50 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 0.009~0.15 | -57.56 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 0.15~30 | -45.48 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 30~1000 | -29.49 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 1000~3000 | -38.46 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 3000~10000 | -35.28 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 0.009~0.15 | -56.88 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 0.15~30 | -45.89 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 30~1000 | -29.61 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 1000~3000 | -38.70 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 3000~10000 | -35.64 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 0.009~0.15 | -58.60 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 0.15~30 | -47.94 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 30~1000 | -40.66 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 1000~3000 | -38.33 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 3000~10000 | -34.97 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 0.009~0.15 | -55.66 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 0.15~30 | -47.32 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 30~1000 | -42.16 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 1000~3000 | -38.35 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 3000~10000 | -35.25 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -57.23 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -45.26 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -40.65 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -38.77 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -34.71 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -57.88 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -44.80 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -44.99 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -39.06 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -35.12 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 0.009~0.15 | -59.43 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 0.15~30 | -47.05 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 30~1000 | -39.83 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 1000~3000 | -39.40 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 3000~10000 | -35.19 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 0.009~0.15 | -59.92 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 0.15~30 | -47.59 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 30~1000 | -42.20 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 1000~3000 | -38.53 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 3000~10000 | -35.37 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -59.43 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -46.49 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -50.15 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -38.35 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -34.33 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -57.69 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -45.40 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -52.77 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -38.70 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -35.18 | PASS |

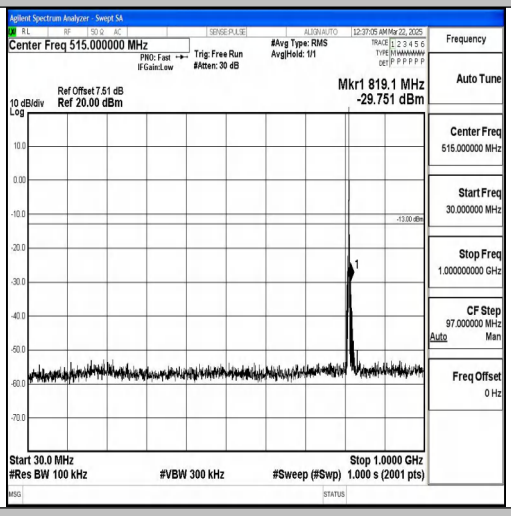
## Test Graphs



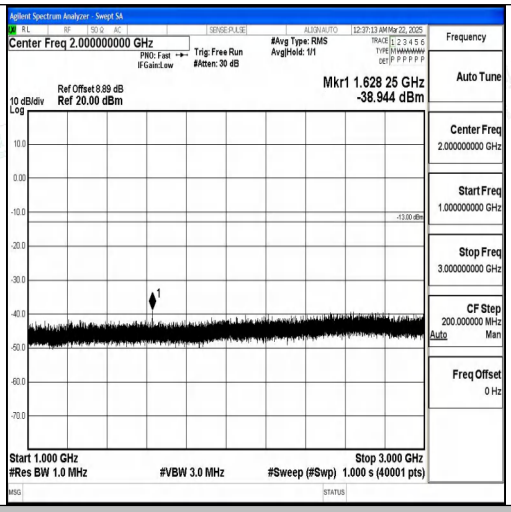

Band26_1.4MHz_QPSK_26697_1RB#0_0.009~0.15_0.009~0.15



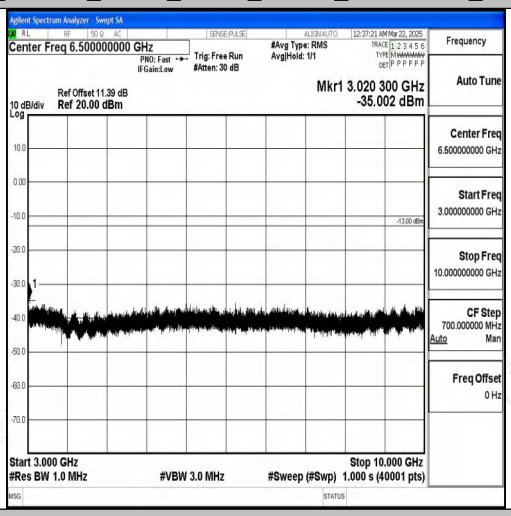

Band26_1.4MHz_QPSK_26697_1RB#0_0.15~30_0.15~30



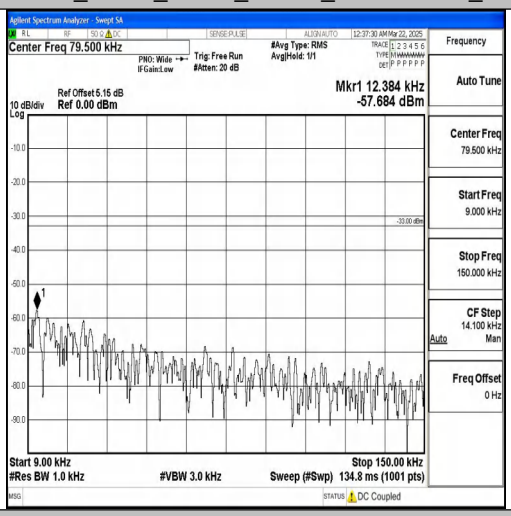

Band26_1.4MHz_QPSK_26697_1RB#0_30~1000_30~1000



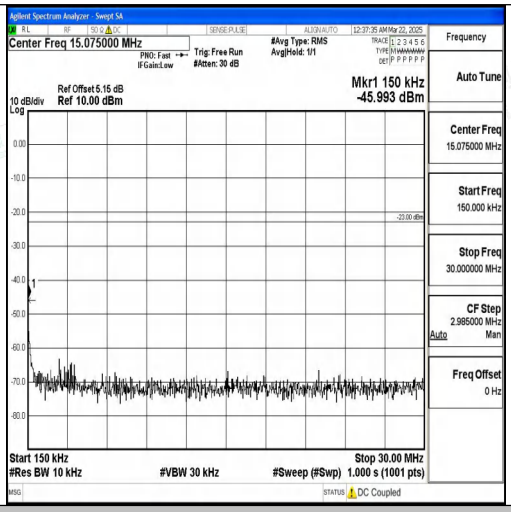

Band26_1.4MHz_QPSK_26697_1RB#0_1000~3000_1000~3000



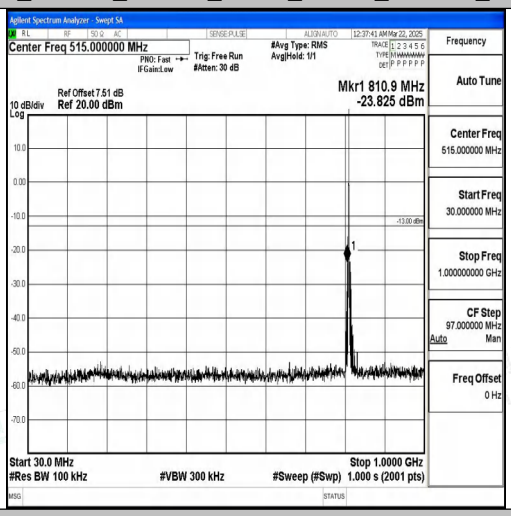

Band26_1.4MHz_QPSK_26697_1RB#0_3000~10000_3000~10000



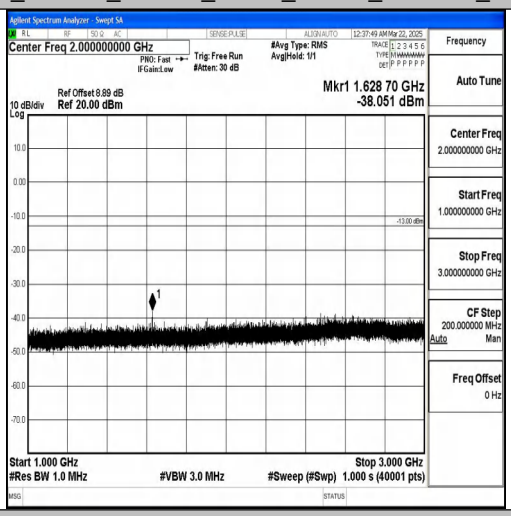

Band26_1.4MHz_16QAM_26697_1RB#0_0.009~0.15_0.009~0.15



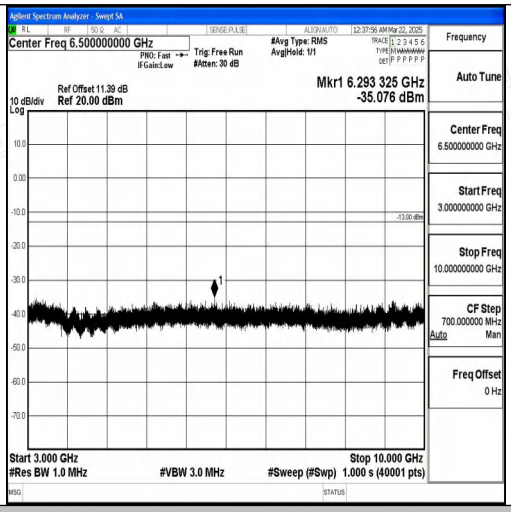

Band26_1.4MHz_16QAM_26697_1RB#0_0.15~30_0.15~30



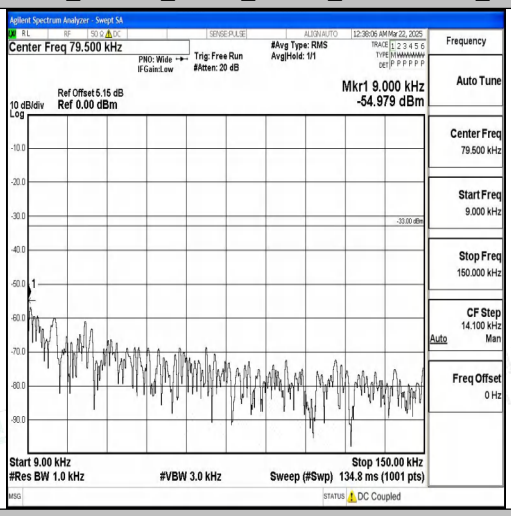

Band26_1.4MHz_16QAM_26697_1RB#0_30~1000_30~1000



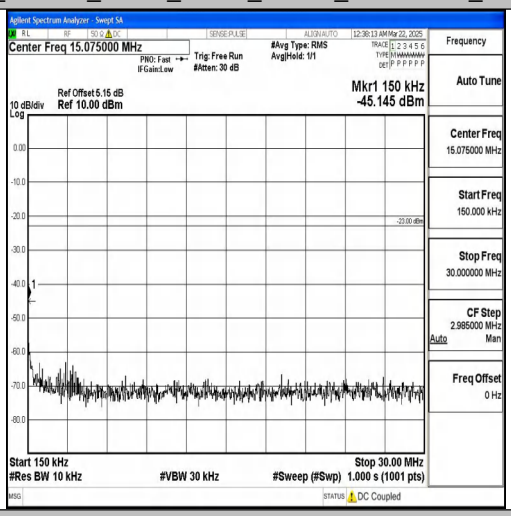

Band26_1.4MHz_16QAM_26697_1RB#0_1000~3000_1000~3000




Band26_1.4MHz_16QAM_26697_1RB#0_3000~10000_3000~10000




Band26_1.4MHz_QPSK_26740_1RB#0_0.009~0.15_0.009~0.15




Band26_1.4MHz_QPSK_26740_1RB#0_0.15~30_0.15~30