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

**Product Name: Smartphone**

**Test Model: NS65**

**Environmental Conditions**

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

# J.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 | 23.13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 22.04 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#2 | 23.20 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#2 | 22.25 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#5 | 23.09 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#5 | 22.01 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 3RB#0 | 23.30 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 3RB#0 | 21.96 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 3RB#1 | 22.90 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 3RB#1 | 21.56 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 3RB#3 | 22.97 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 3RB#3 | 21.51 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | 21.99 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | 20.83 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 22.85 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 21.58 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#2 | 22.91 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#2 | 21.85 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#5 | 22.77 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#5 | 21.60 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 3RB#0 | 22.89 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 3RB#0 | 21.86 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 3RB#1 | 22.77 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 3RB#1 | 21.69 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 3RB#3 | 23.02 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 3RB#3 | 21.53 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 6RB#0 | 22.04 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 6RB#0 | 20.65 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 22.91 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 21.75 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#2 | 22.67 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#2 | 21.61 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#5 | 22.77 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#5 | 21.53 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 3RB#0 | 22.97 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 3RB#0 | 21.45 | PASS |

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|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26783 | 3RB#1 | 22.92 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 3RB#1 | 21.64 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 3RB#3 | 22.78 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 3RB#3 | 21.64 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | 22.01 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | 20.93 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 22.62 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 21.73 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#8 | 22.59 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#8 | 21.74 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#14 | 22.60 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#14 | 21.65 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 8RB#0 | 21.61 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 8RB#0 | 20.82 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 8RB#4 | 21.64 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 8RB#4 | 20.72 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 8RB#7 | 21.85 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 8RB#7 | 20.86 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | 21.95 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | 20.78 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 22.89 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 21.56 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#8 | 22.66 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#8 | 21.46 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#14 | 22.66 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#14 | 21.53 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 8RB#0 | 21.60 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 8RB#0 | 20.76 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 8RB#4 | 21.70 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 8RB#4 | 20.61 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 8RB#7 | 21.70 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 8RB#7 | 20.80 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 15RB#0 | 21.59 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 15RB#0 | 20.77 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 23.10 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 21.52 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#8 | 22.71 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#8 | 21.58 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#14 | 22.59 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#14 | 21.39 | PASS |

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|---|---|---|---|---|---|---|
| 26(814-824) | 3MHz | QPSK | 26775 | 8RB#0 | 21.83 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 8RB#0 | 20.85 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 8RB#4 | 21.73 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 8RB#4 | 20.96 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 8RB#7 | 21.94 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 8RB#7 | 20.63 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | 21.88 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | 20.92 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 22.62 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 21.57 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#12 | 22.73 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#12 | 21.67 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#24 | 22.60 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#24 | 21.57 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 12RB#0 | 21.88 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 12RB#0 | 21.03 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 12RB#6 | 21.73 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 12RB#6 | 20.82 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 12RB#13 | 21.83 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 12RB#13 | 21.20 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | 21.69 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | 20.82 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 23.05 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 21.68 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#12 | 22.64 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#12 | 21.70 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#24 | 22.52 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#24 | 21.62 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 12RB#0 | 21.90 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 12RB#0 | 21.04 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 12RB#6 | 22.01 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 12RB#6 | 20.96 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 12RB#13 | 22.02 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 12RB#13 | 20.92 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 25RB#0 | 21.94 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 25RB#0 | 21.01 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 22.87 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 21.63 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#12 | 22.67 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#12 | 21.69 | PASS |

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|---|---|---|---|---|---|---|
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#24 | 22.56 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#24 | 21.49 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 12RB#0 | 21.89 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 12RB#0 | 21.13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 12RB#6 | 22.14 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 12RB#6 | 21.11 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 12RB#13 | 22.02 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 12RB#13 | 21.07 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | 22.02 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | 21.13 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 22.70 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 21.72 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#24 | 22.71 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#24 | 21.77 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#49 | 22.56 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#49 | 21.58 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 25RB#0 | 21.73 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 25RB#0 | 20.79 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 25RB#12 | 21.94 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 25RB#12 | 20.83 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 25RB#25 | 21.97 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 25RB#25 | 20.78 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 21.82 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 20.76 | PASS |

# J.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 | 5.00 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 5.98 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | 5.62 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | 6.38 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 4.92 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 5.73 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 6RB#0 | 5.52 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 6RB#0 | 6.28 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 4.48 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 5.54 | 13 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | 5.17 | 13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | 5.91 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 4.99 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 5.85 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | 5.70 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | 6.46 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 5.01 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 5.80 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 15RB#0 | 5.59 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 15RB#0 | 6.28 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 4.53 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 5.63 | 13 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | 5.17 | 13 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | 5.96 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 5.15 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 5.72 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | 5.77 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | 6.43 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 5.22 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 5.90 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 25RB#0 | 5.70 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 25RB#0 | 6.34 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 4.80 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 5.49 | 13 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | 5.58 | 13 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | 6.23 | 13 | PASS |

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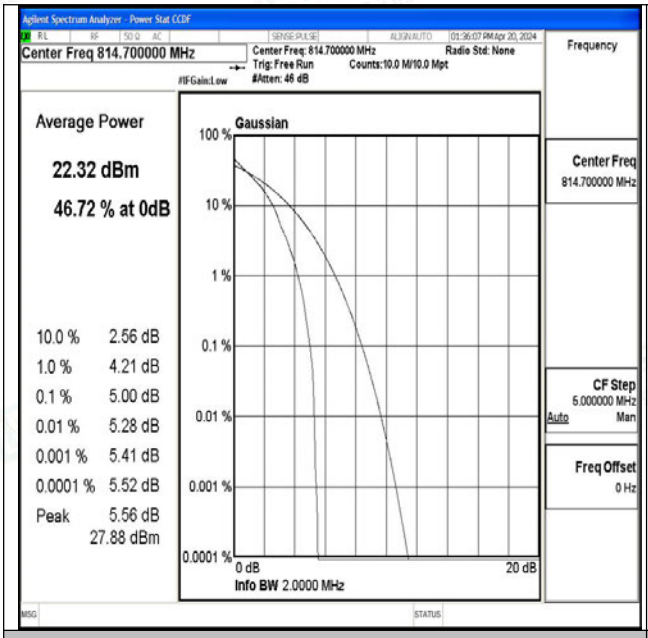
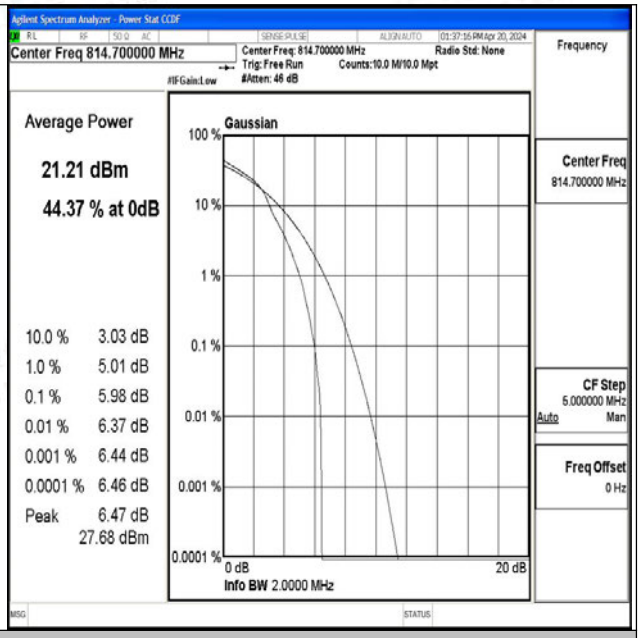
|---|---|---|---|---|---|---|---|
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 5.08 | 13 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 5.94 | 13 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 5.64 | 13 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 6.36 | 13 | PASS |

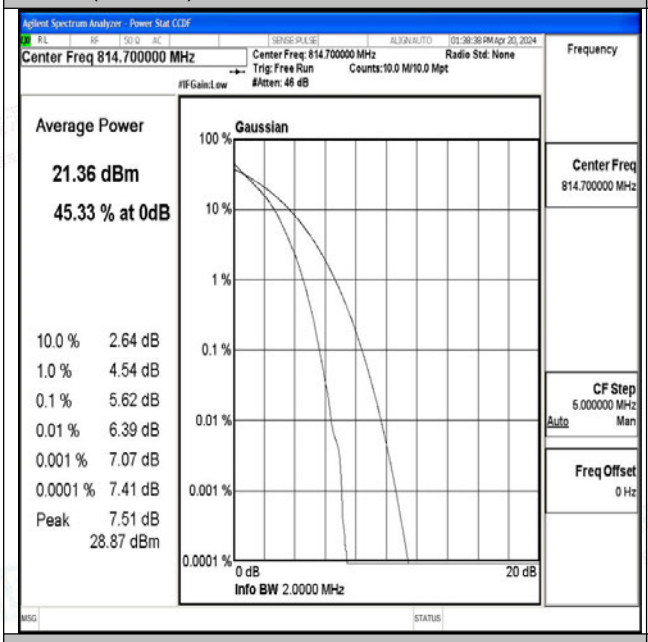
## Test Graphs



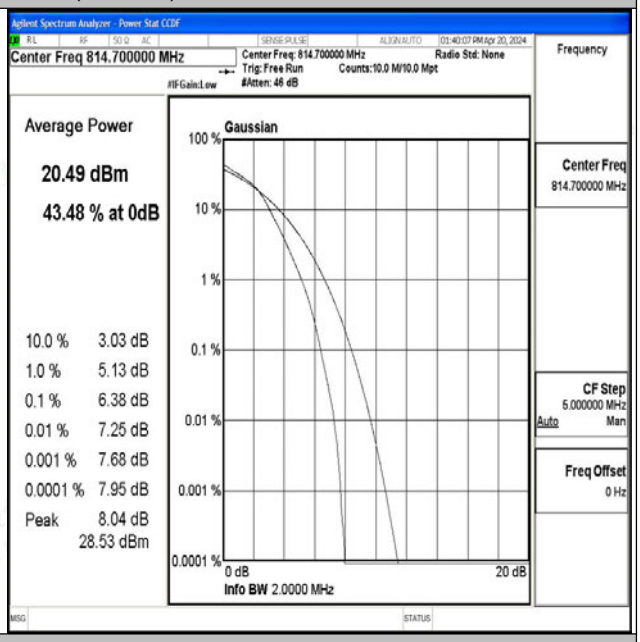

26(814-824)-1.4MHz-QPSK-26697-1RB#0-PASS



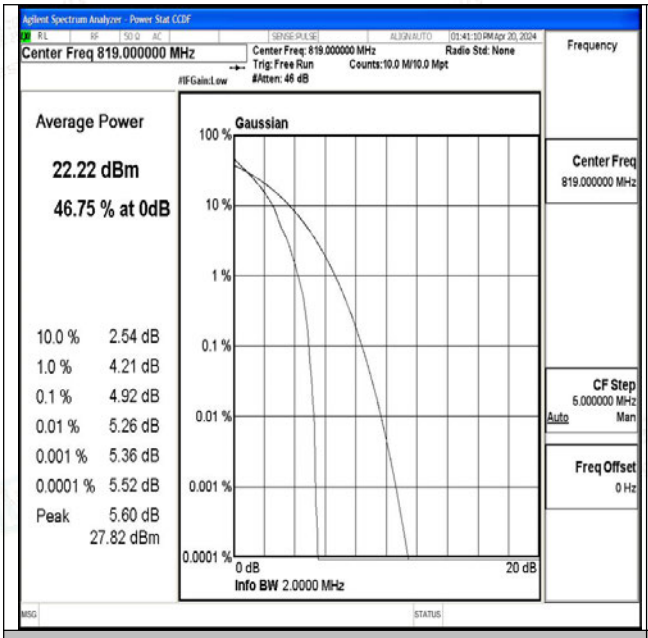

26(814-824)-1.4MHz-16QAM-26697-1RB#0-PASS



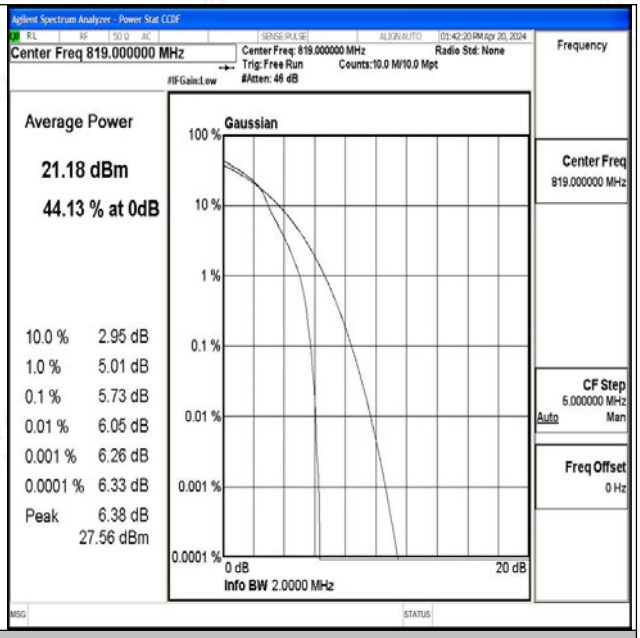

26(814-824)-1.4MHz-QPSK-26697-6RB#0-PASS



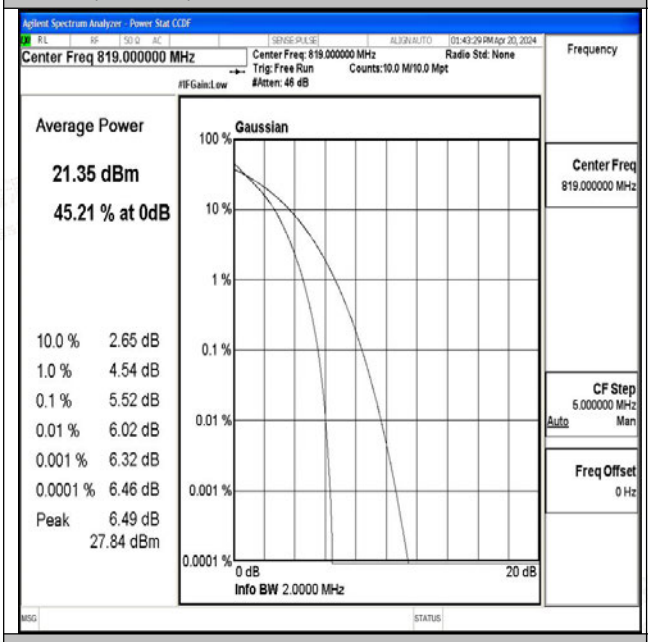

26(814-824)-1.4MHz-16QAM-26697-6RB#0-PASS



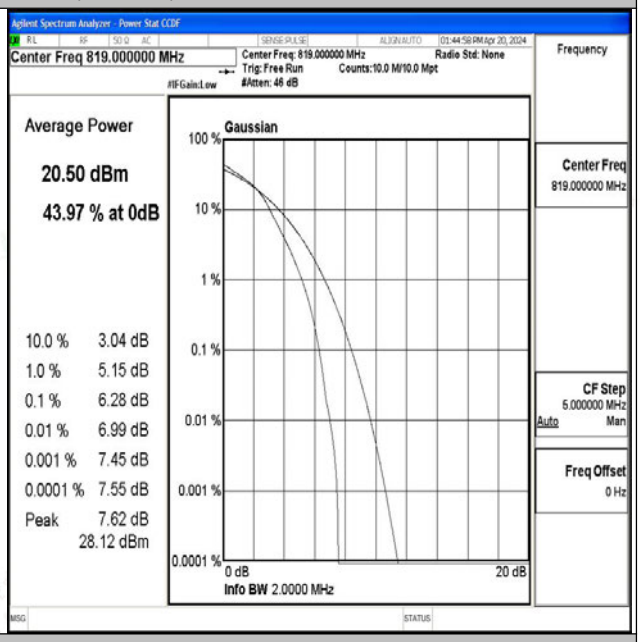

26(814-824)-1.4MHz-QPSK-26740-1RB#0-PASS



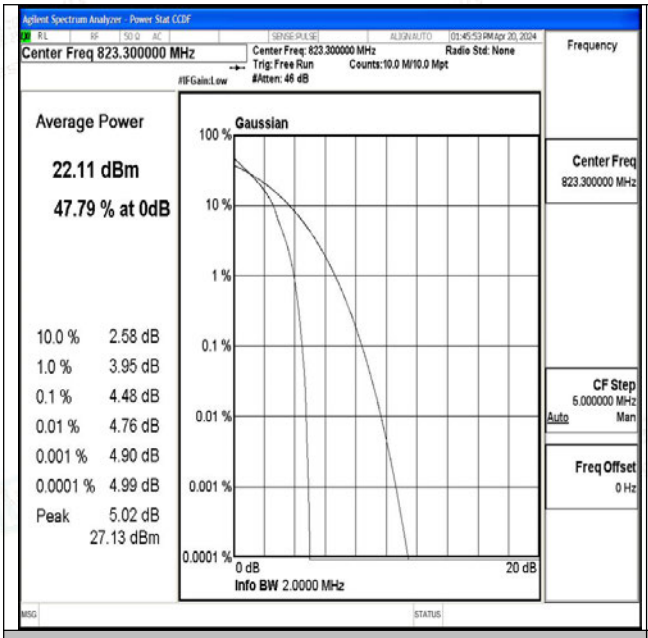

26(814-824)-1.4MHz-16QAM-26740-1RB#0-PASS



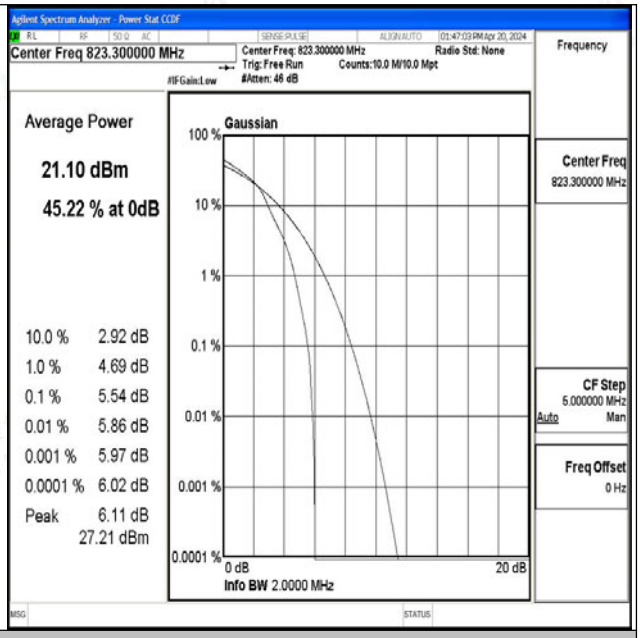

26(814-824)-1.4MHz-QPSK-26740-6RB#0-PASS



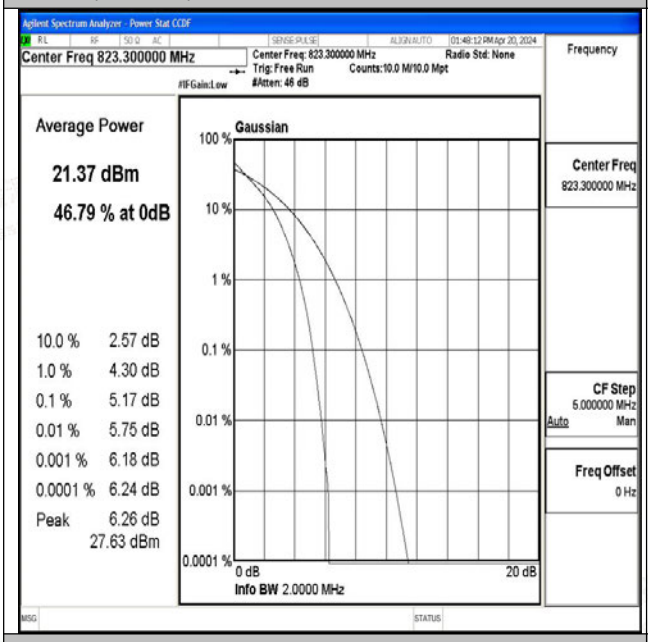

26(814-824)-1.4MHz-16QAM-26740-6RB#0-PASS




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




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

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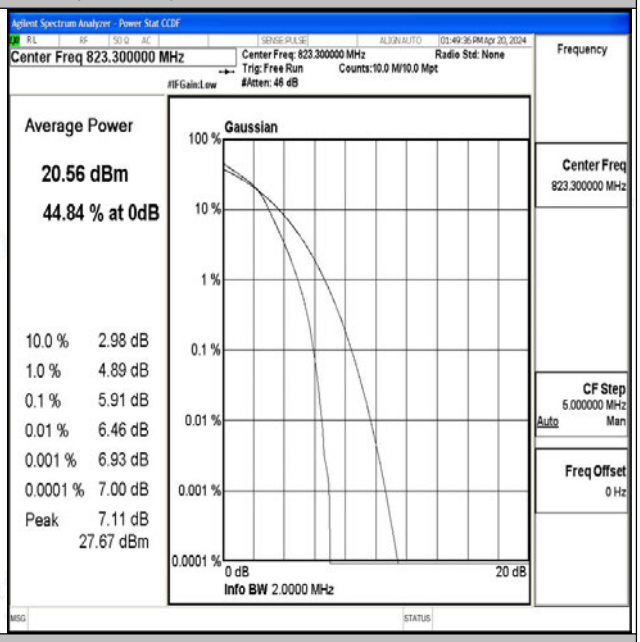


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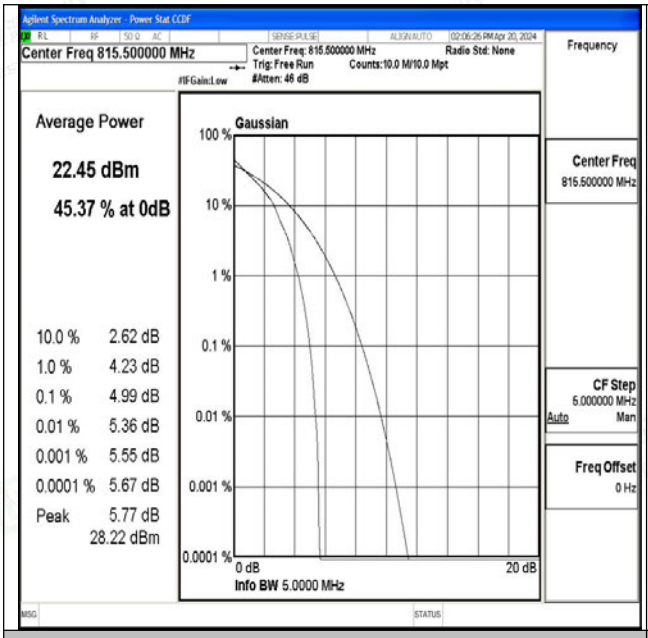


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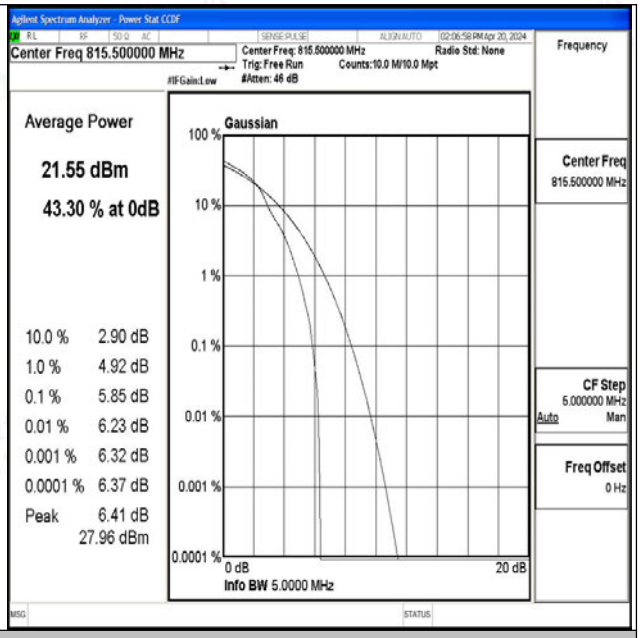


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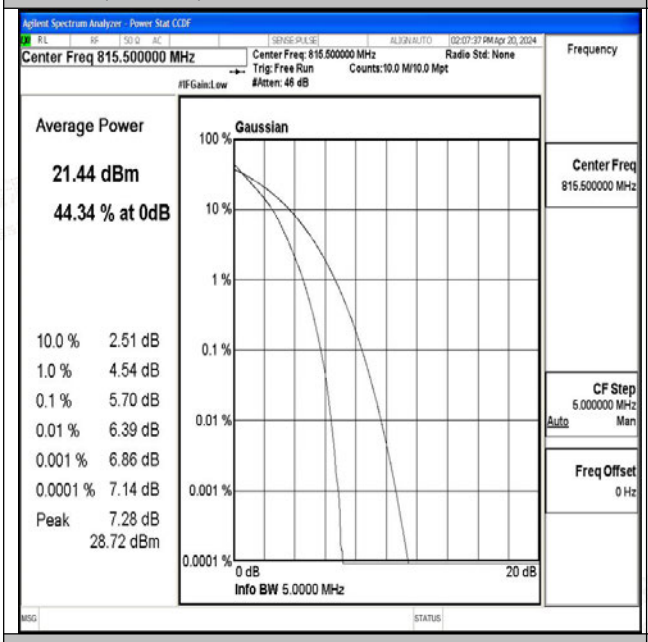


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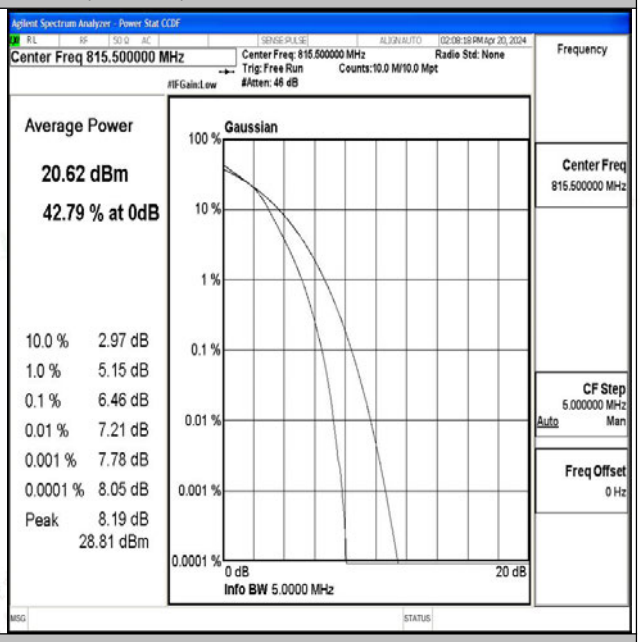


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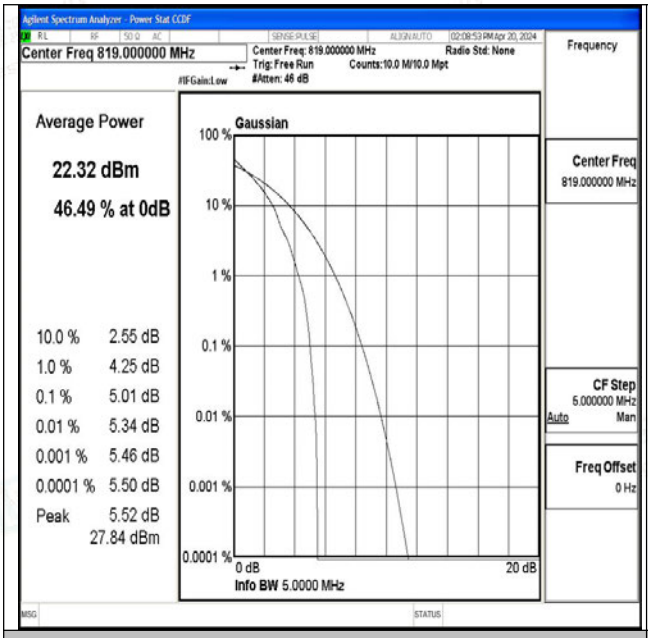


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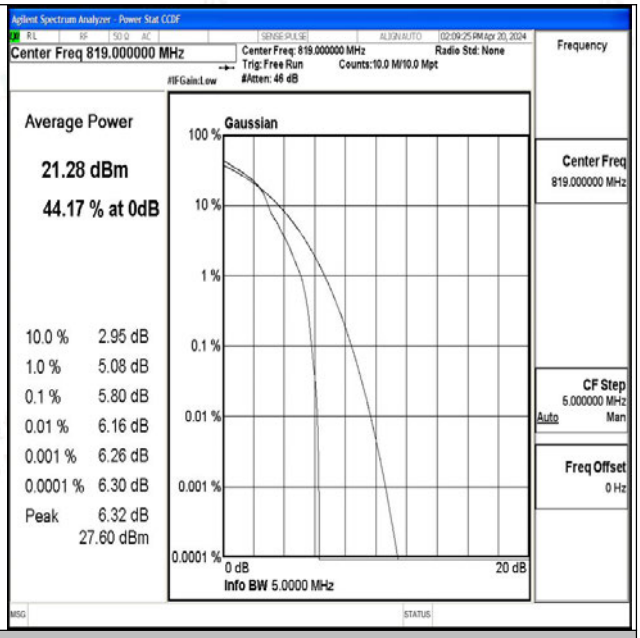


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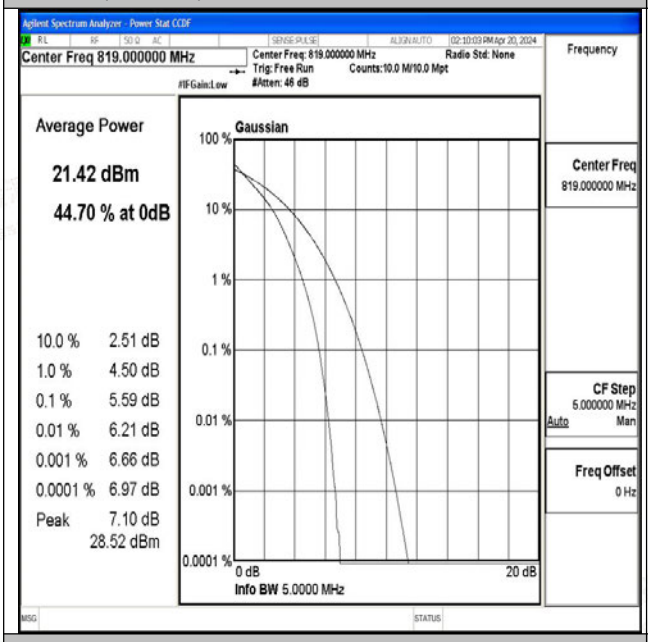


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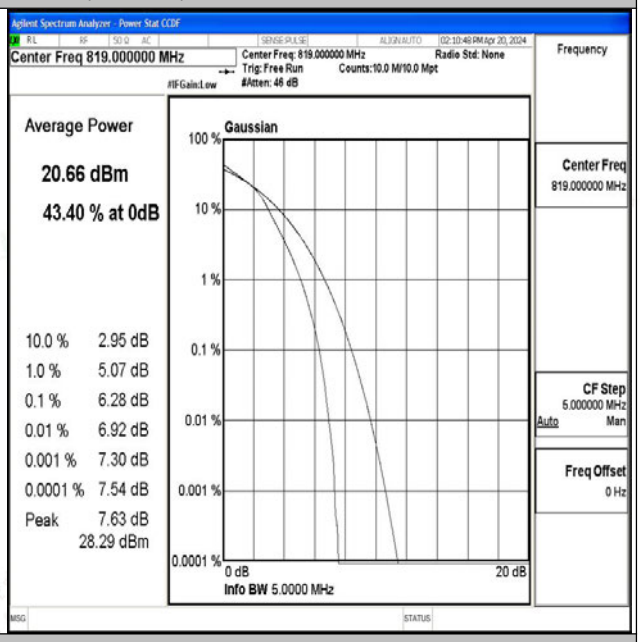


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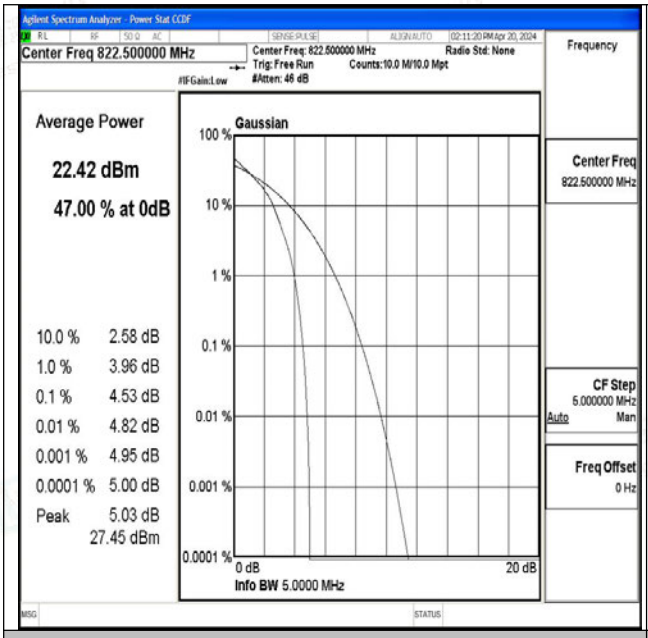


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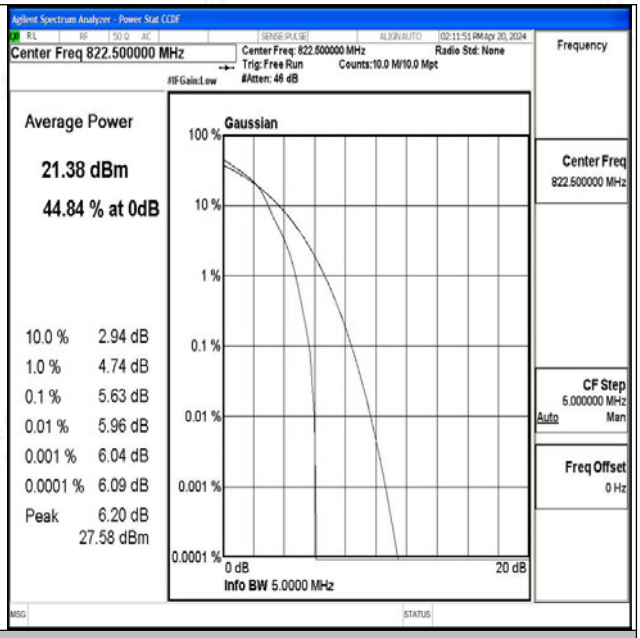


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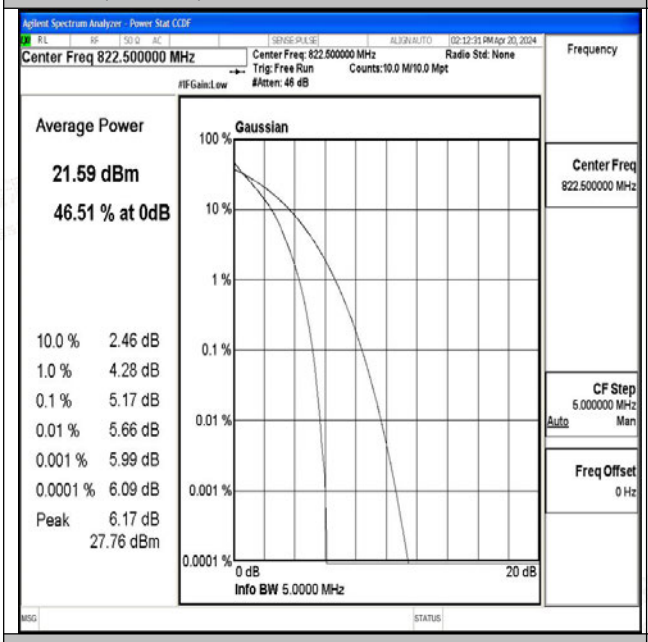


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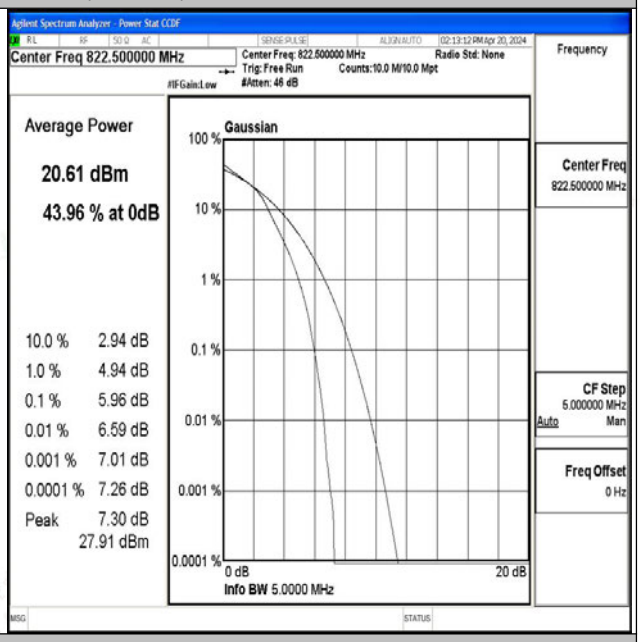


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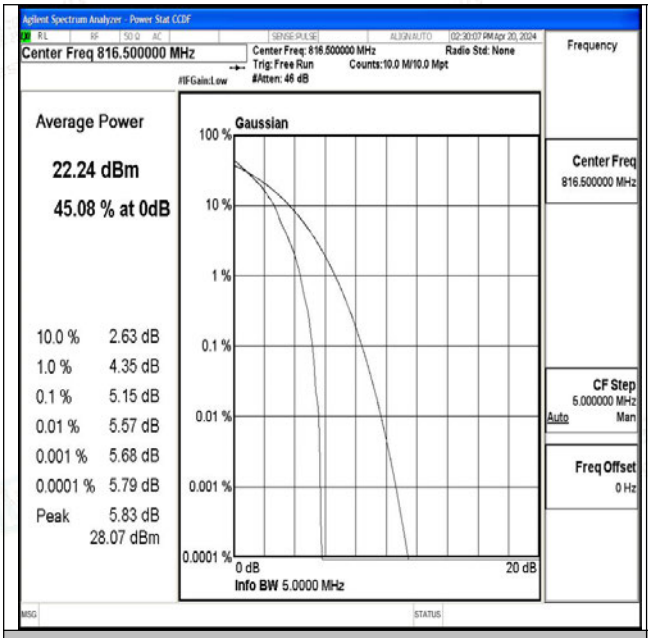


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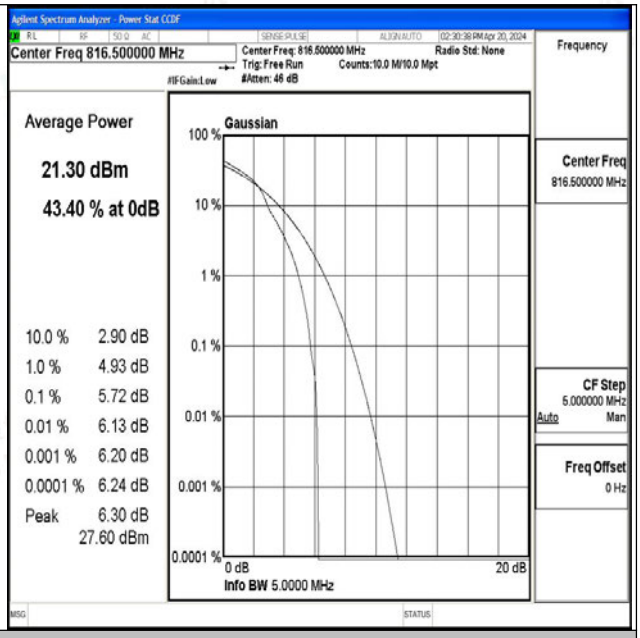


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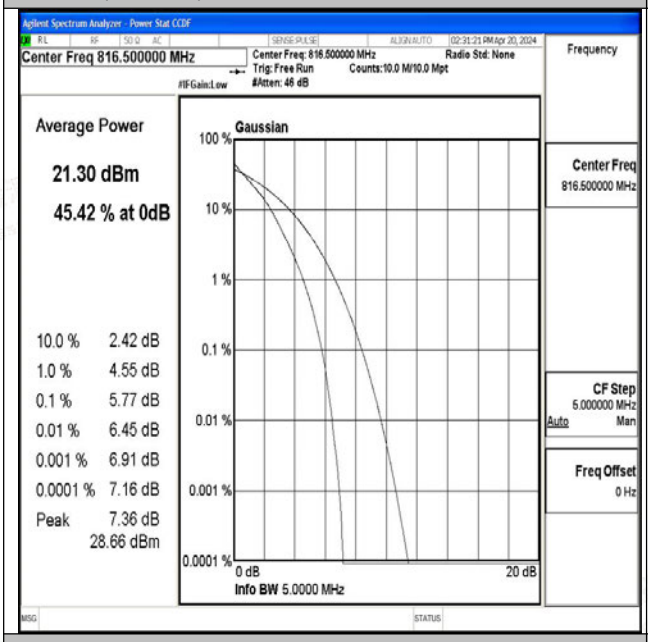


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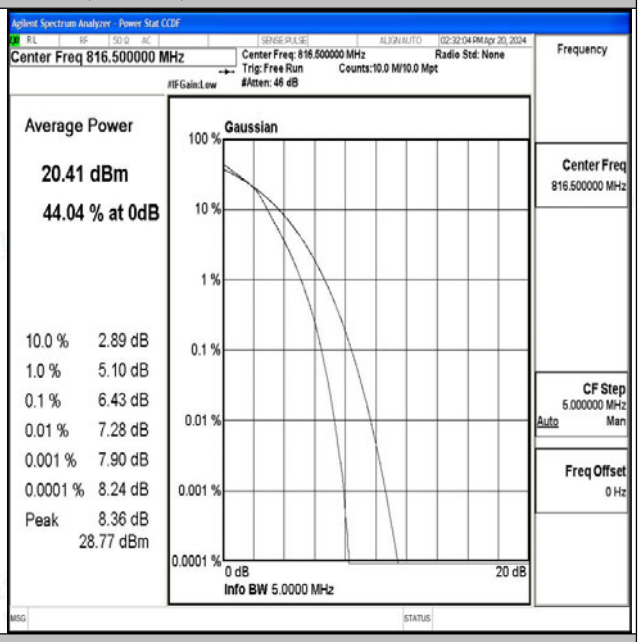


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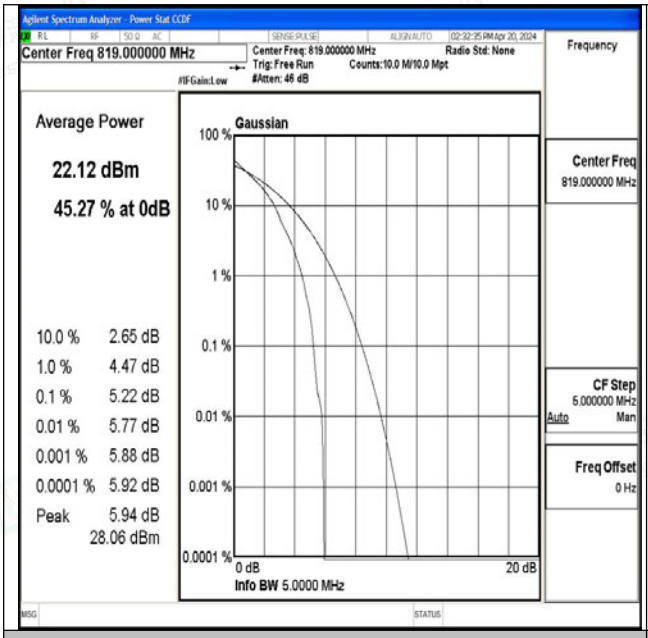


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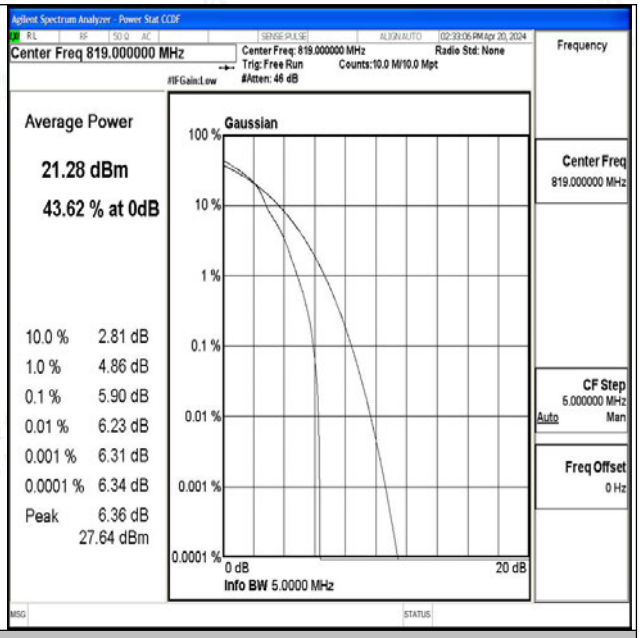


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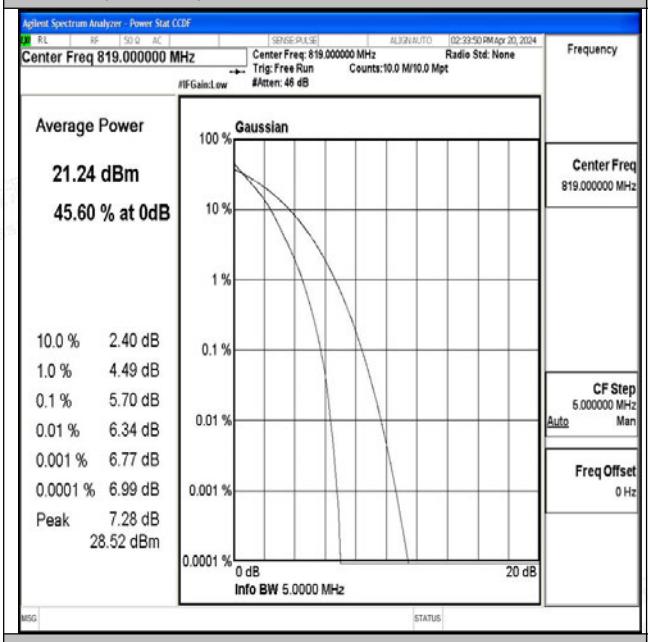


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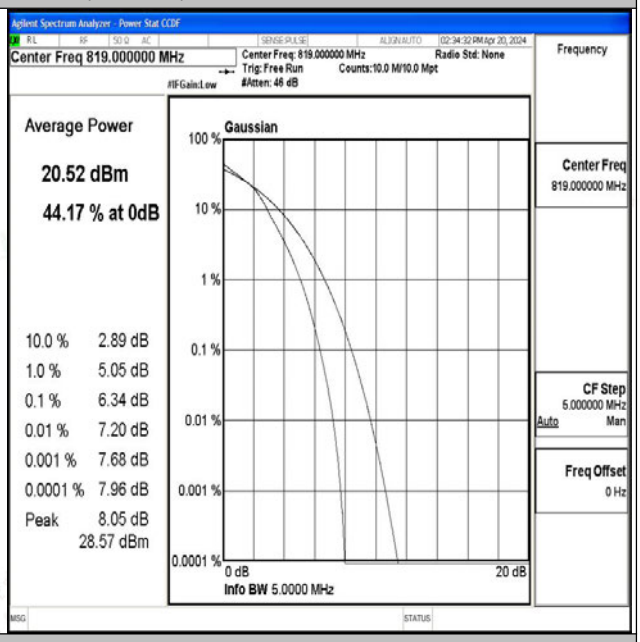


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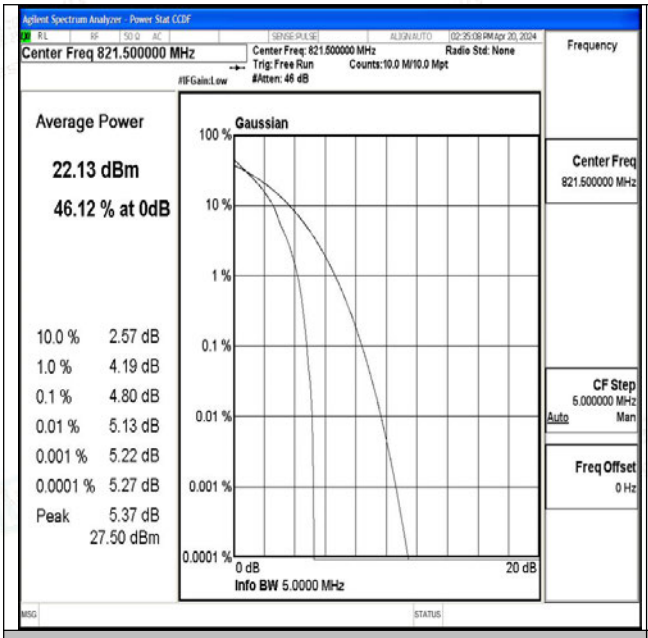


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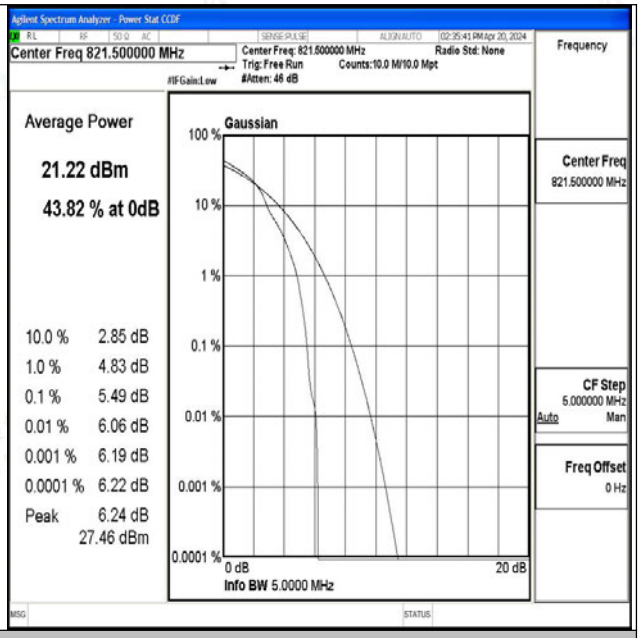


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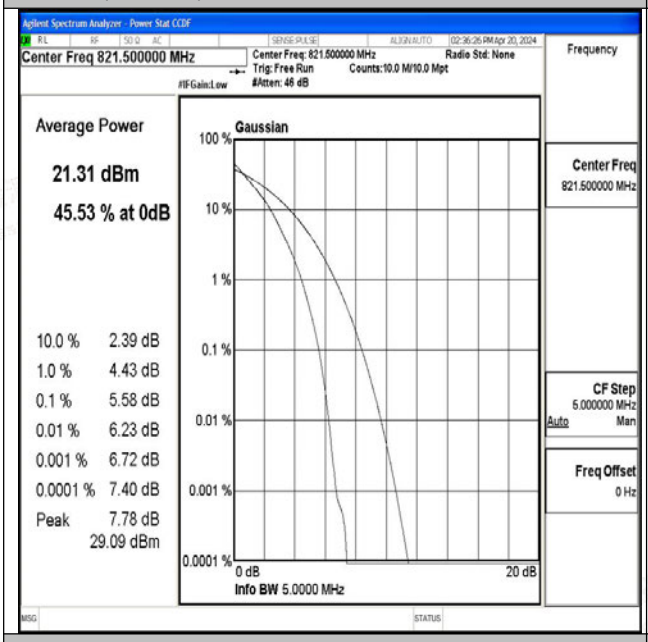


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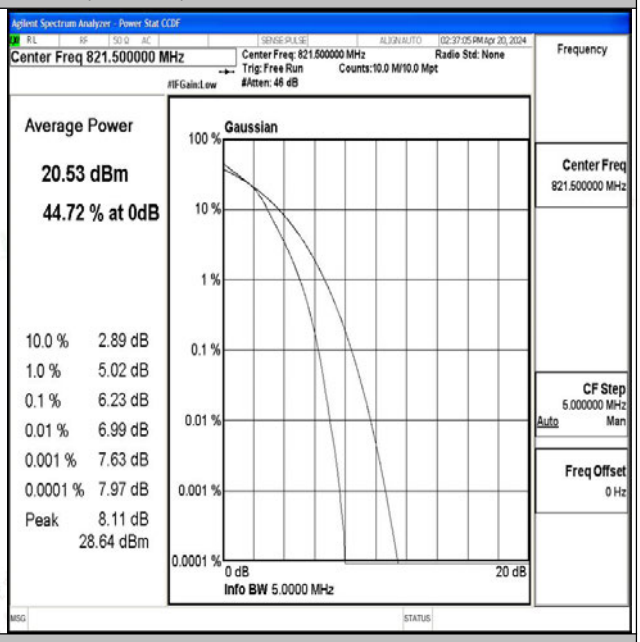


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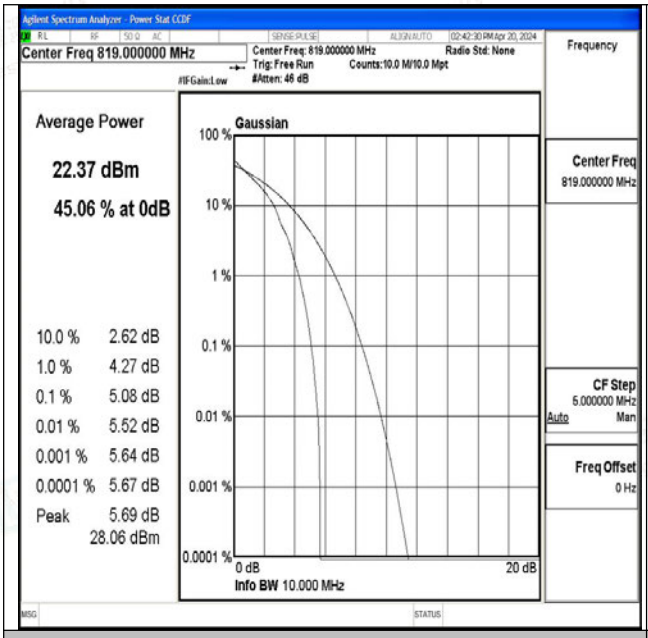
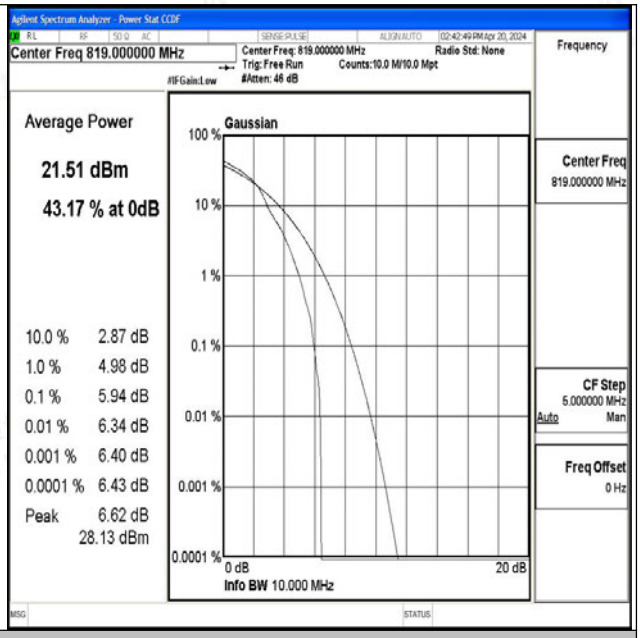



26(814-824)-10MHz-QPSK-26740-1RB#0-PASS

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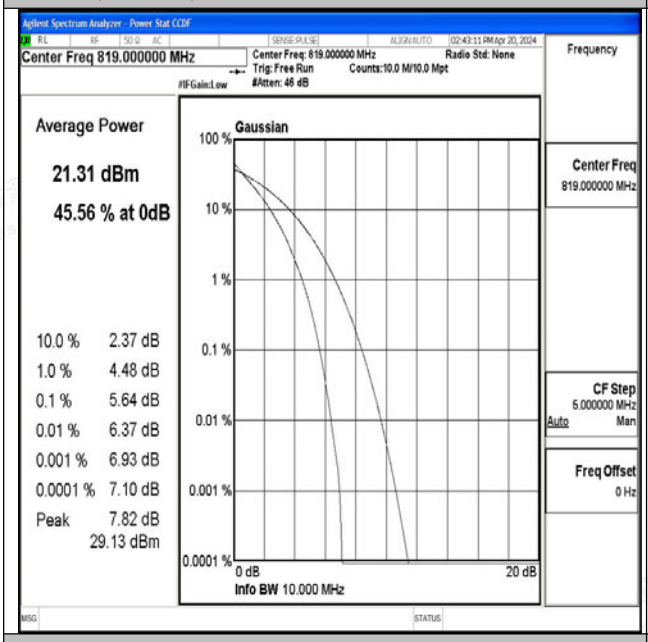


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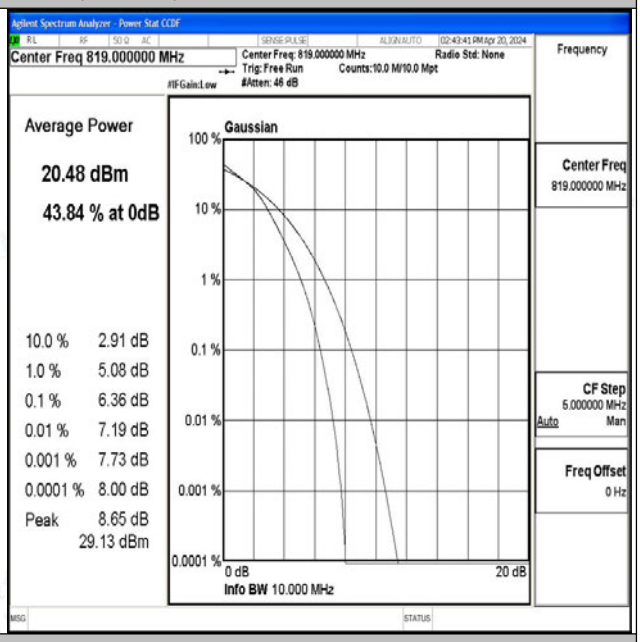


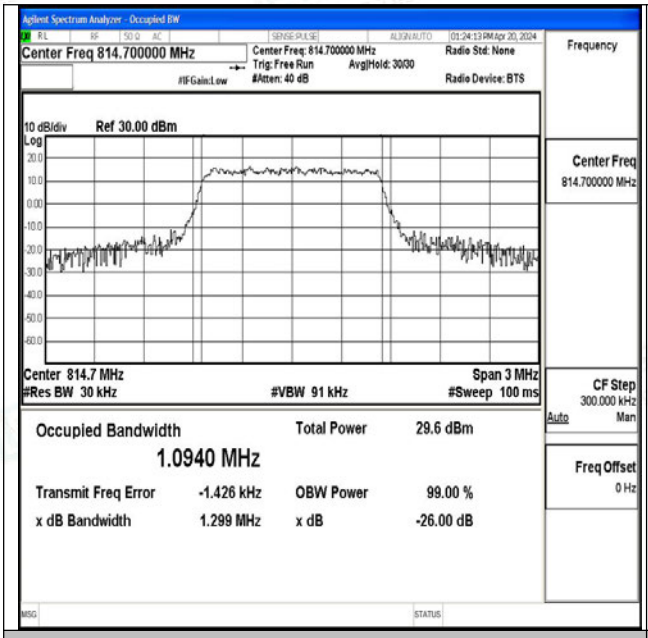

26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

# J.3 26dB Bandwidth and Occupied Bandwidth

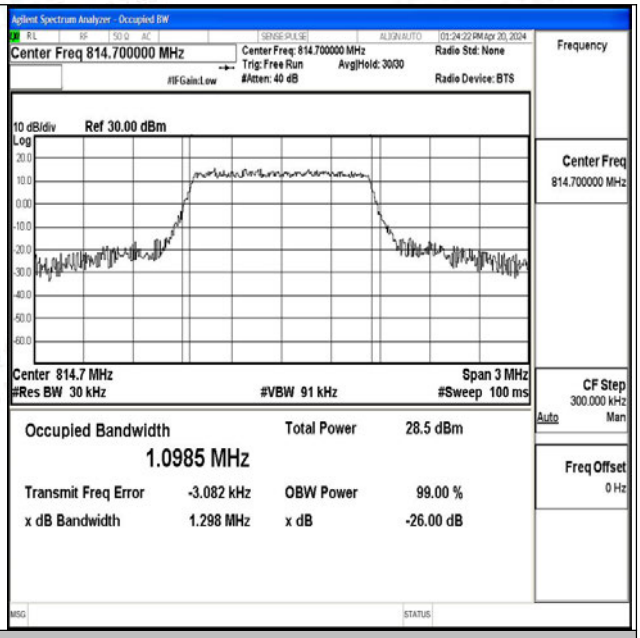
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | 1.0940 | 1.299 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | 1.0985 | 1.298 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 6RB#0 | 1.0974 | 1.285 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 6RB#0 | 1.0929 | 1.287 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | 1.0950 | 1.279 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | 1.0887 | 1.279 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | 2.6860 | 2.888 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | 2.6780 | 2.889 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 15RB#0 | 2.6877 | 2.899 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 15RB#0 | 2.6802 | 2.901 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | 2.6911 | 2.885 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | 2.6873 | 2.909 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | 4.5023 | 5.617 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | 4.4952 | 5.072 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 25RB#0 | 4.4949 | 4.923 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 25RB#0 | 4.4979 | 4.931 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | 4.5023 | 4.934 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | 4.4962 | 4.942 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | 8.9843 | 11.22 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | 8.9753 | 10.79 | PASS |

## Test Graphs




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

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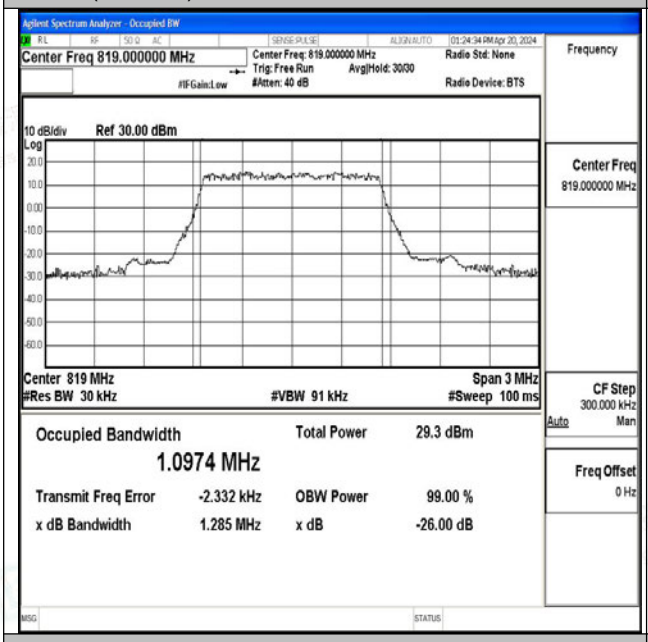


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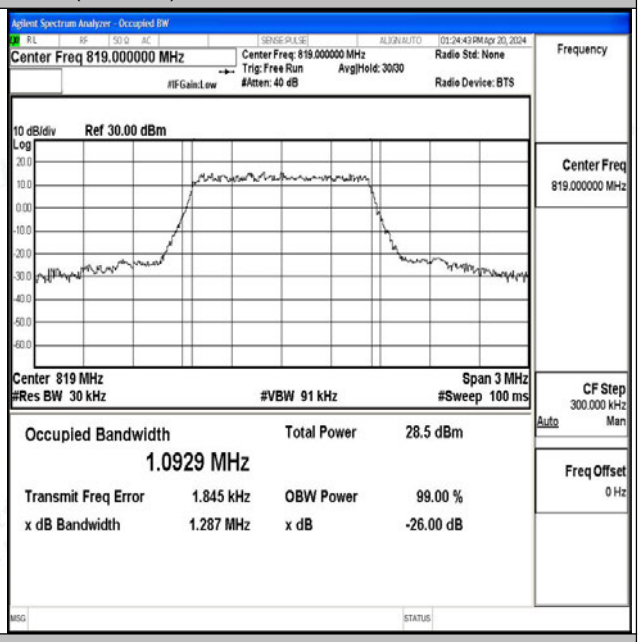


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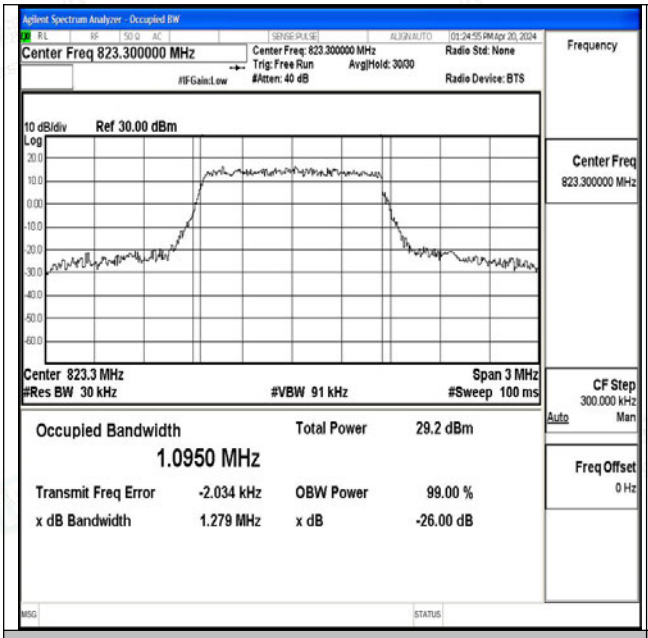


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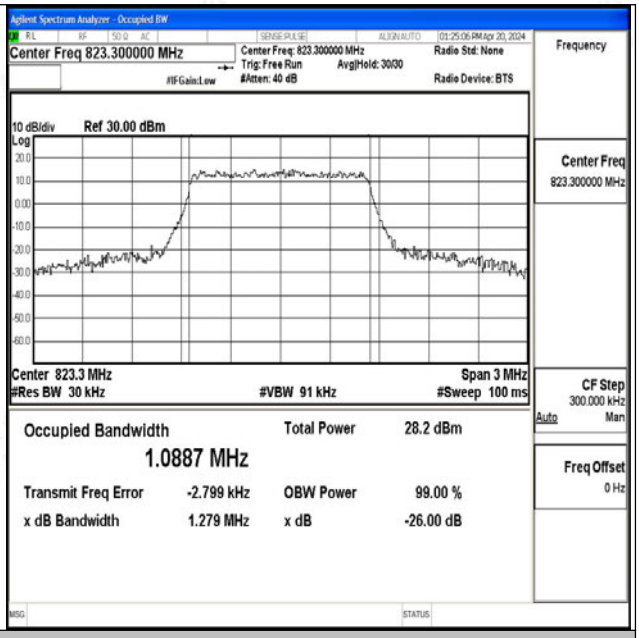


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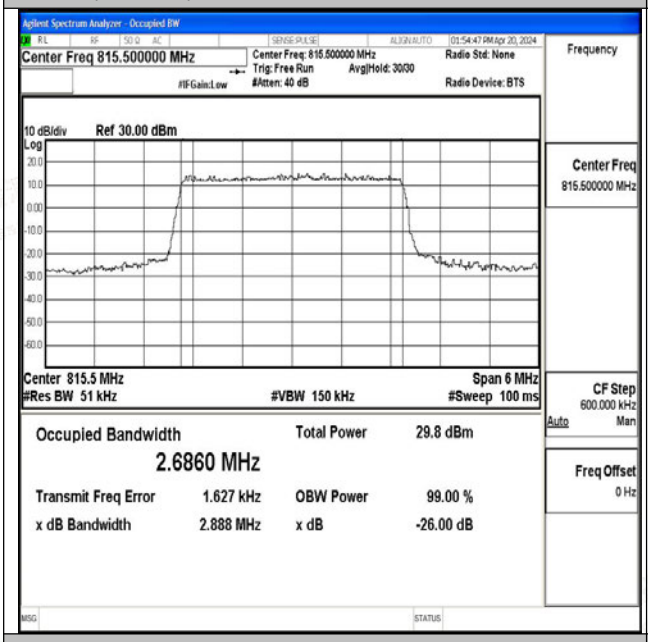


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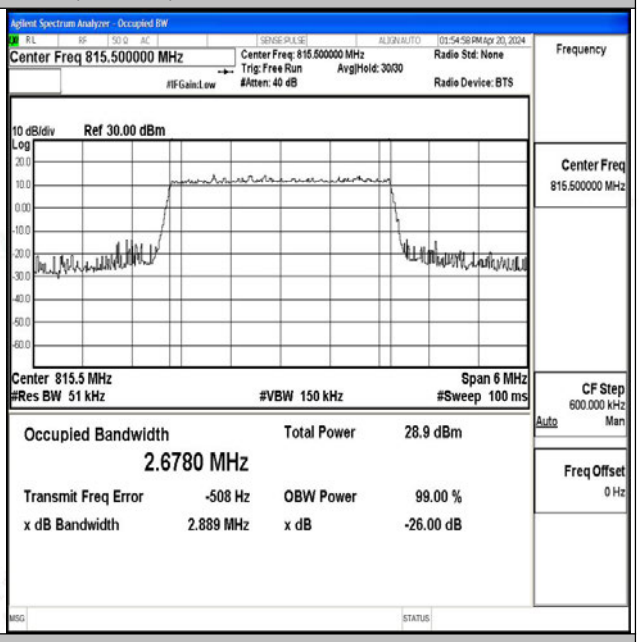


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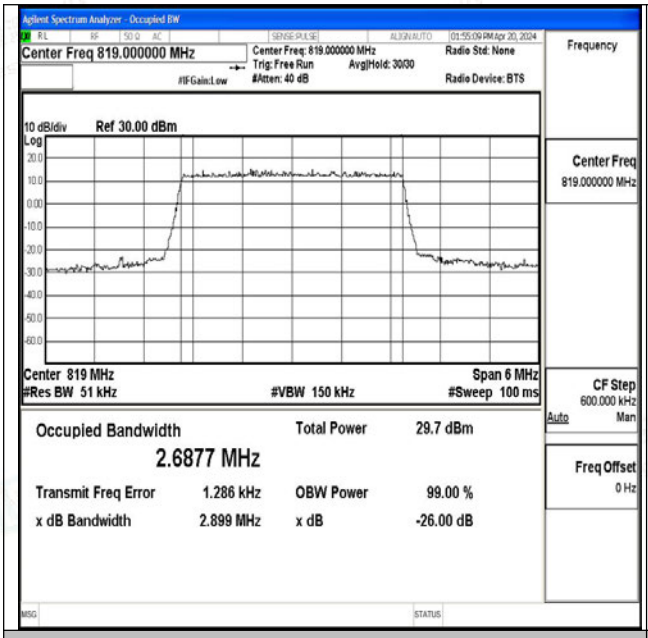


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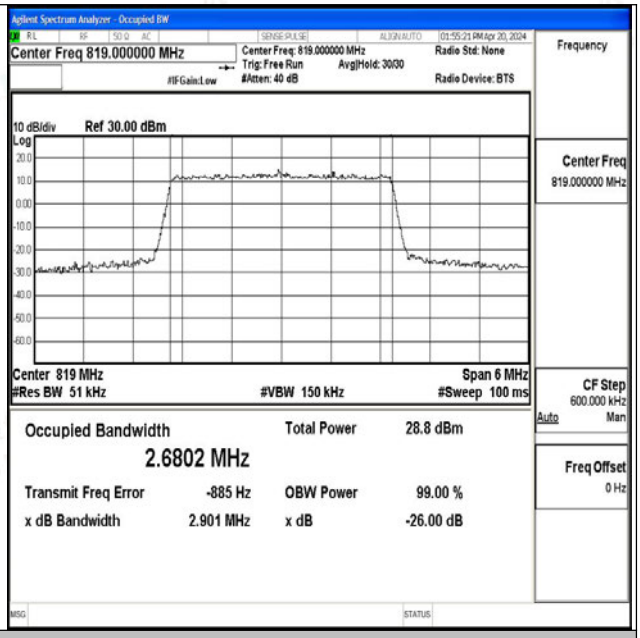


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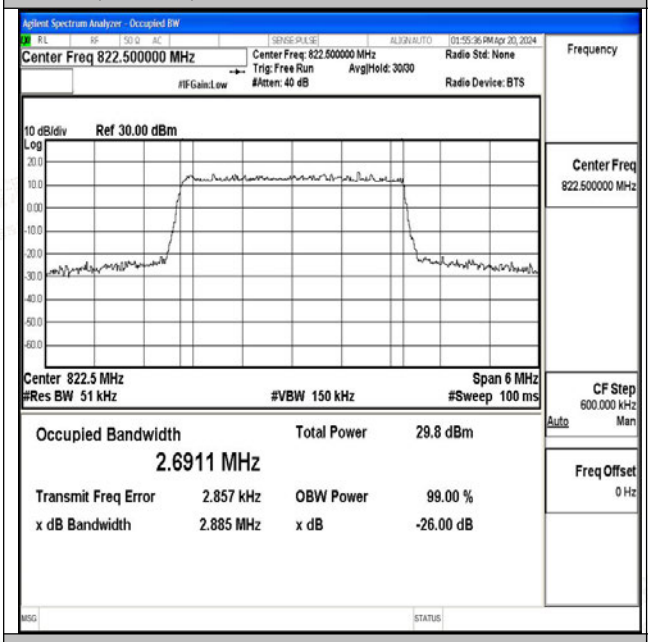


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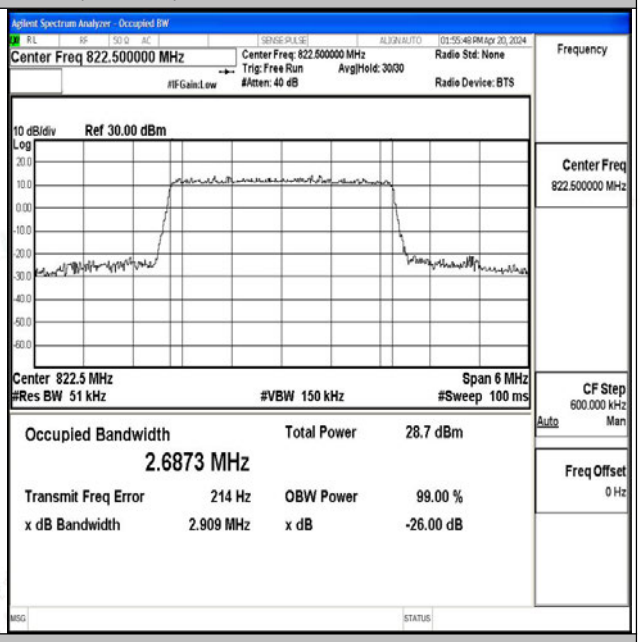


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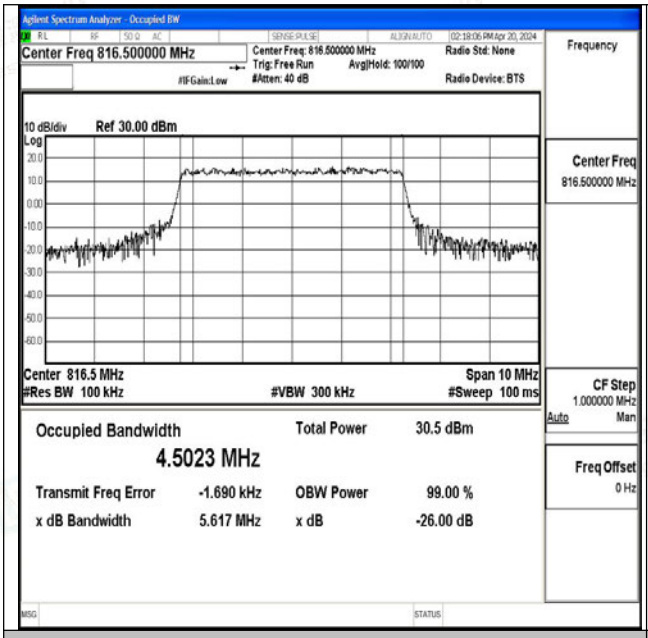
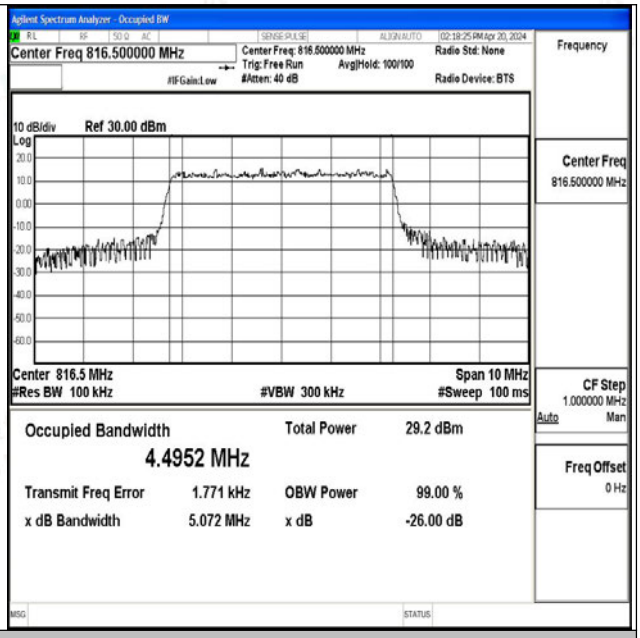
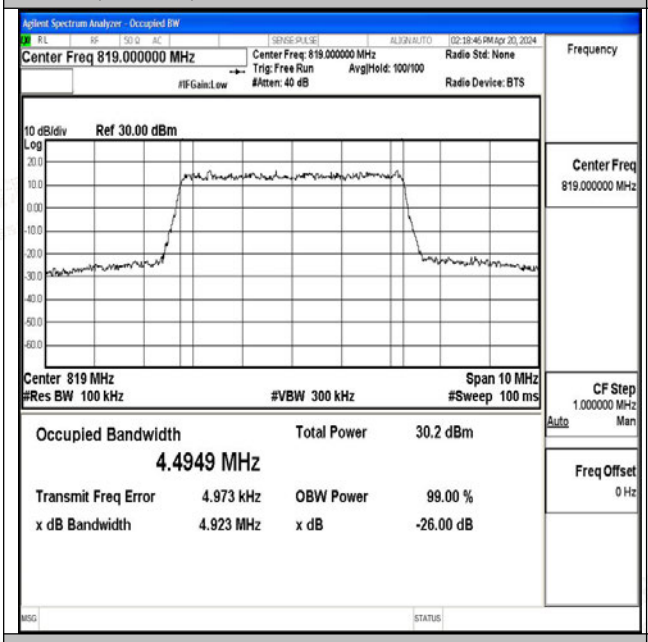


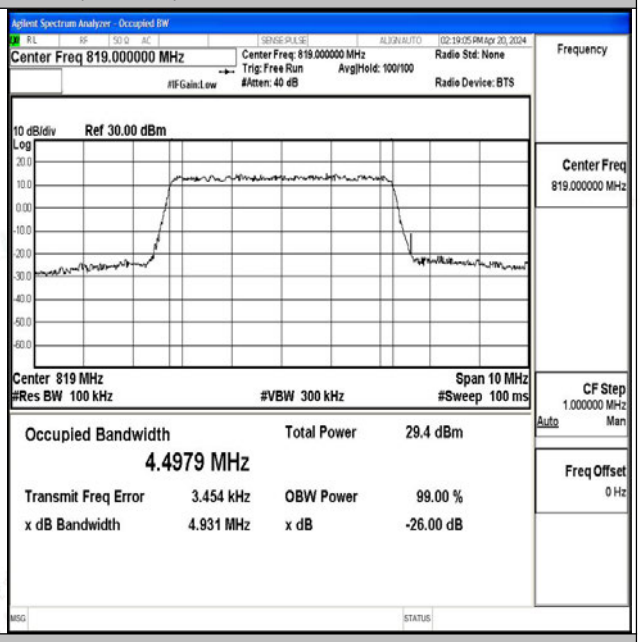

26(814-824)-5MHz-QPSK-26715-25RB#0-PASS



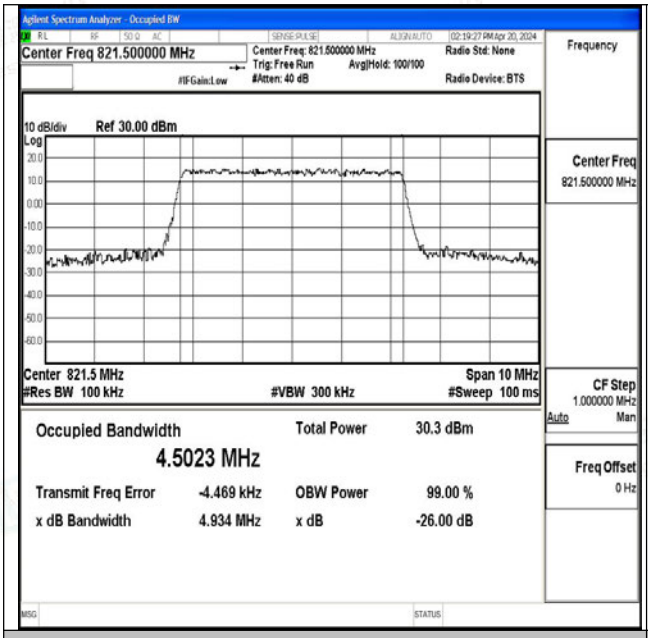

26(814-824)-5MHz-16QAM-26715-25RB#0-PASS



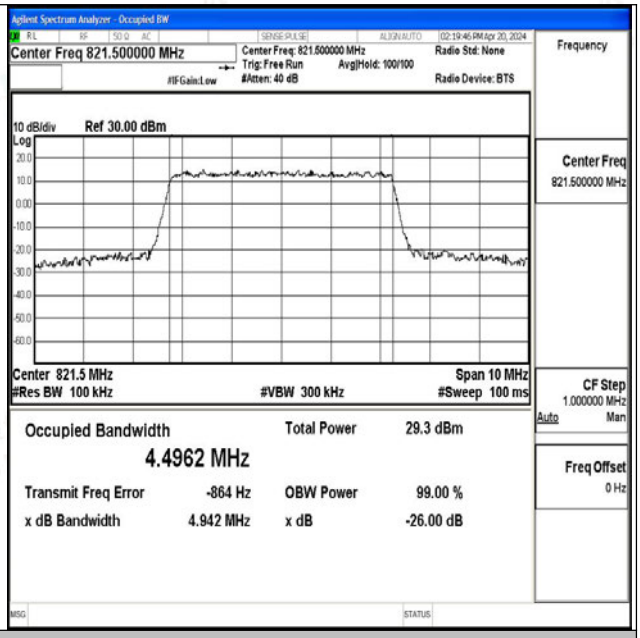

26(814-824)-5MHz-QPSK-26740-25RB#0-PASS



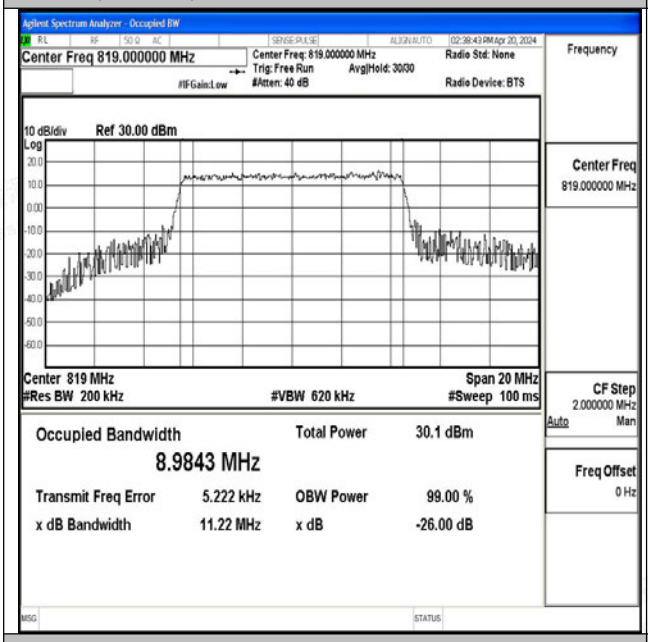

26(814-824)-5MHz-16QAM-26740-25RB#0-PASS



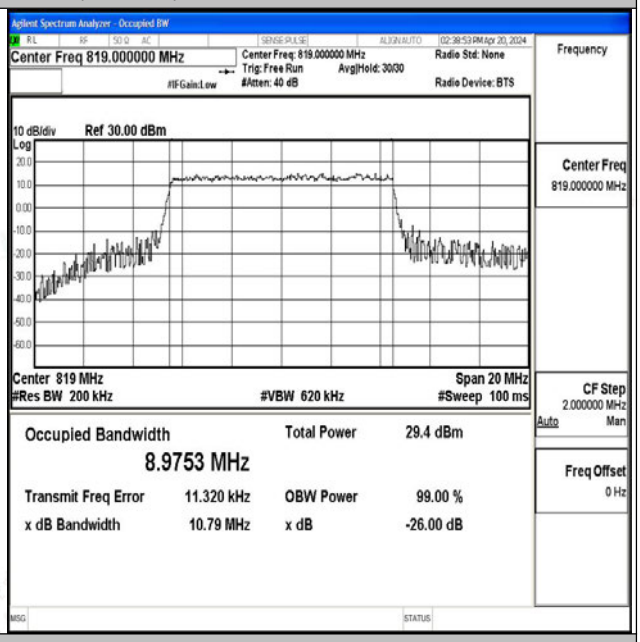

26(814-824)-5MHz-QPSK-26765-25RB#0-PASS




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




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



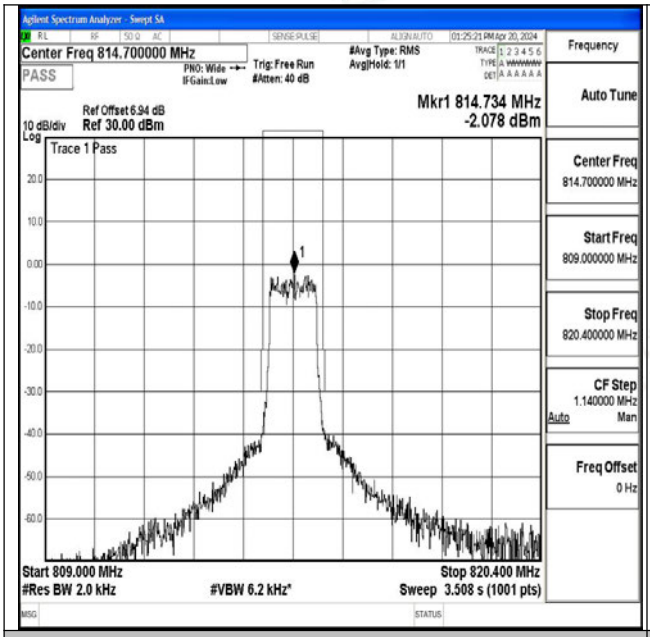

26(814-824)-10MHz-16QAM-26740-50RB#0-PASS

# J.4 Band Edge

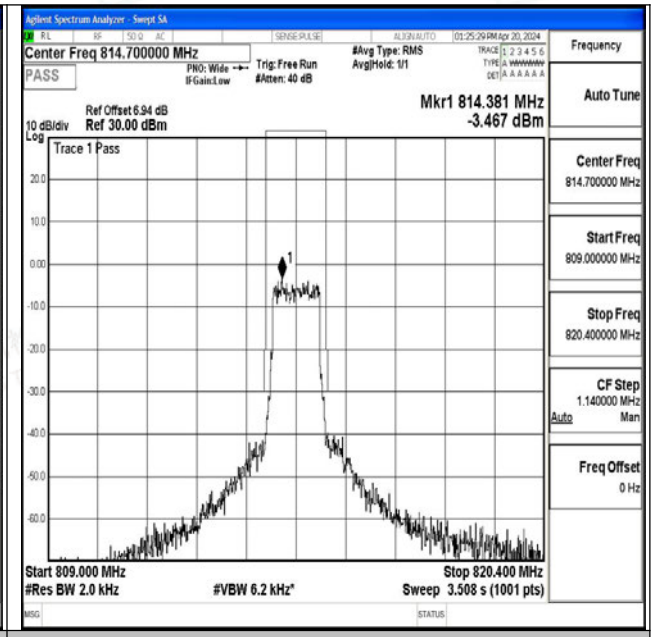
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 6RB#0 | -39.92 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 6RB#0 | -40.33 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 6RB#0 | -39.67 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 6RB#0 | -39.72 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 15RB#0 | -43.63 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 15RB#0 | -44.15 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 15RB#0 | -43.23 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 15RB#0 | -44.82 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 25RB#0 | -44.44 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 25RB#0 | -44.80 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 25RB#0 | -45.96 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 25RB#0 | -46.33 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 50RB#0 | -49.78 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 50RB#0 | -49.98 | PASS |

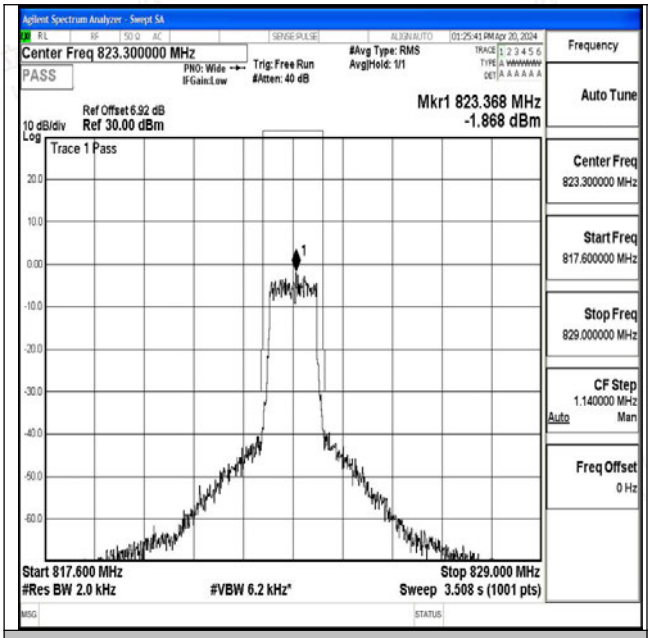
## Test Graphs



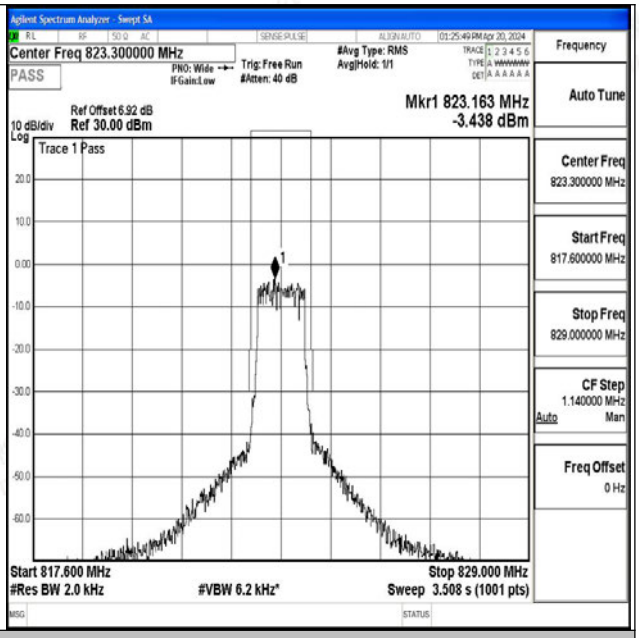

Band26_1.4MHz_QPSK_26697_6RB#0



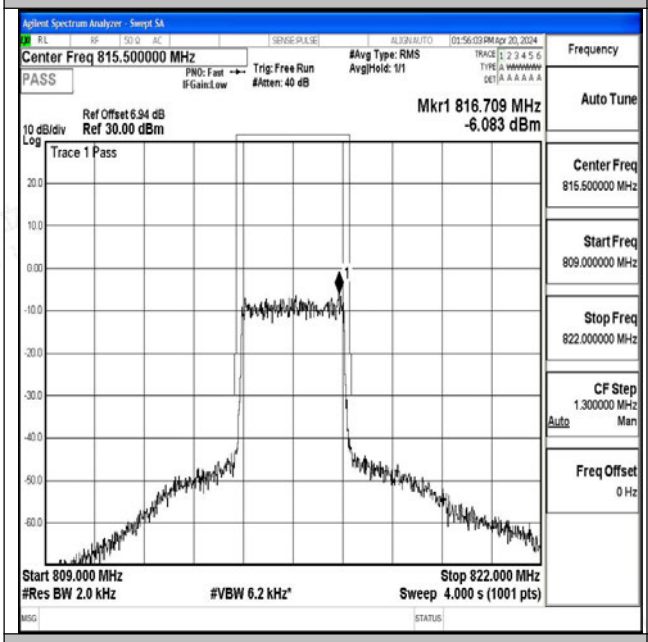

Band26_1.4MHz_16QAM_26697_6RB#0



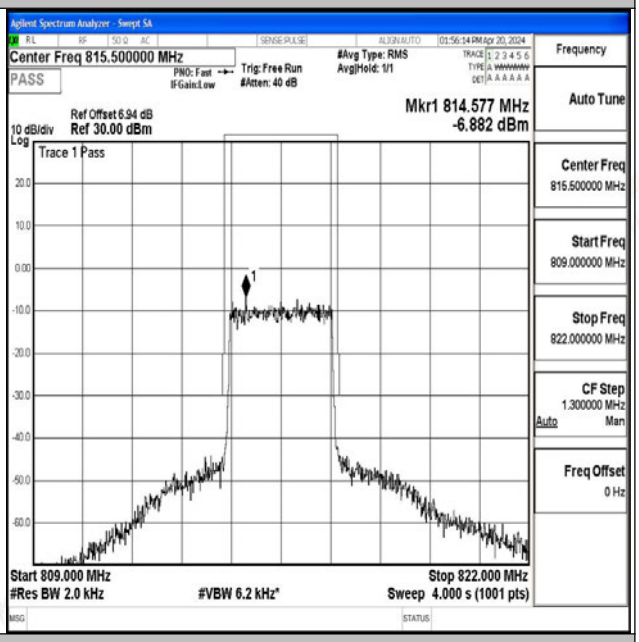

Band26_1.4MHz_QPSK_26783_6RB#0



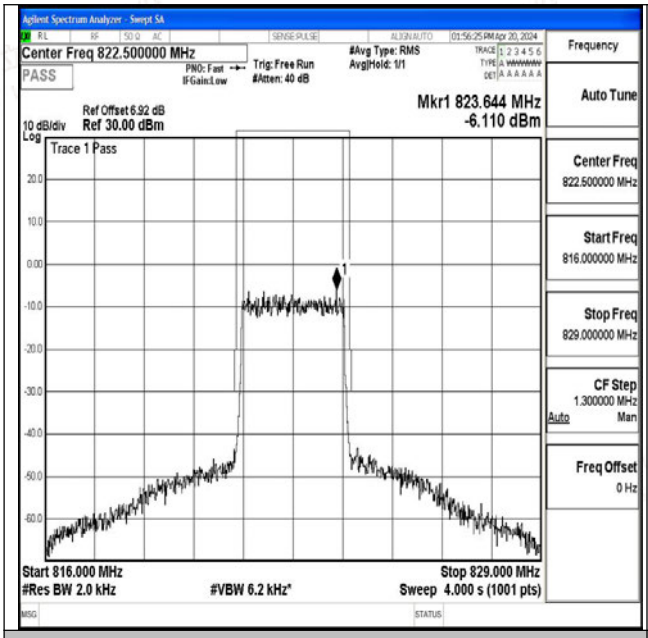

Band26_1.4MHz_16QAM_26783_6RB#0



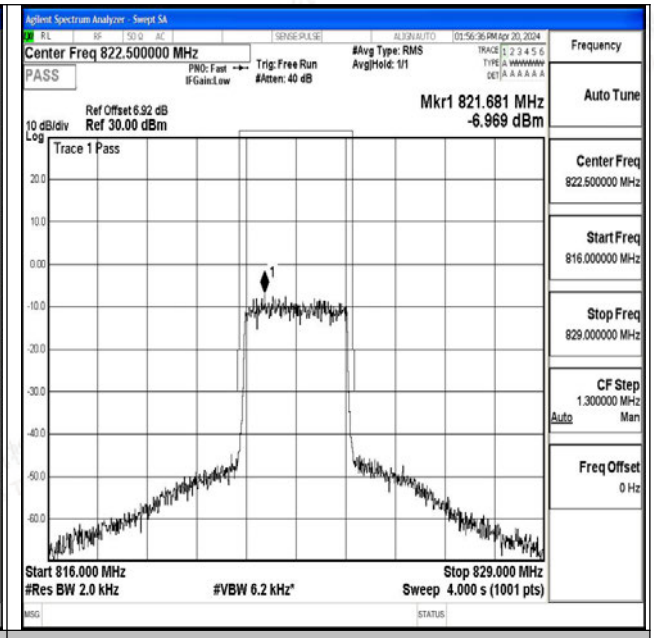

Band26_3MHz_QPSK_26705_15RB#0



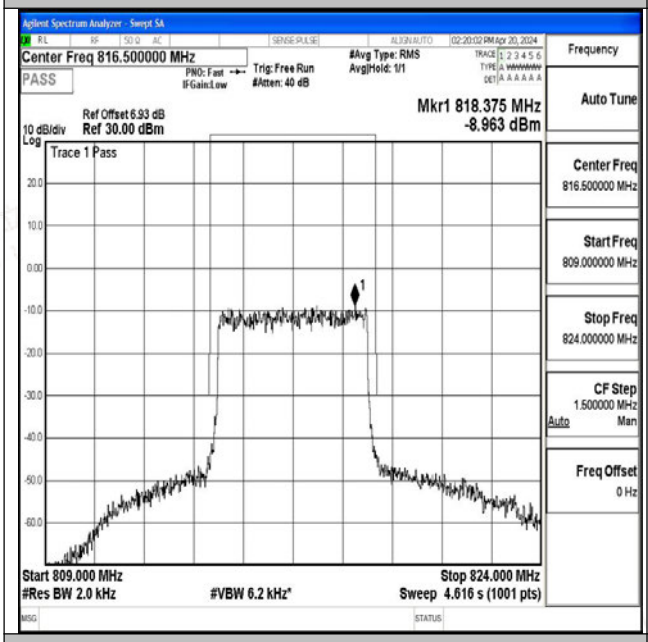

Band26_3MHz_16QAM_26705_15RB#0



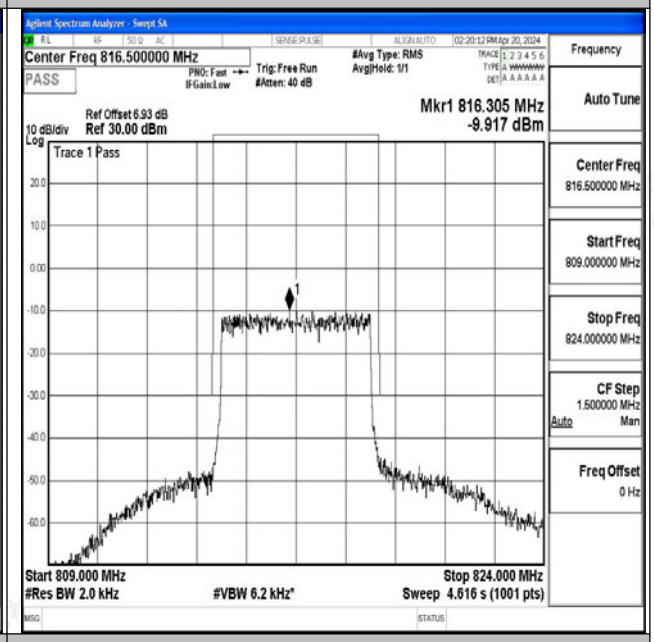

Band26_3MHz_QPSK_26775_15RB#0



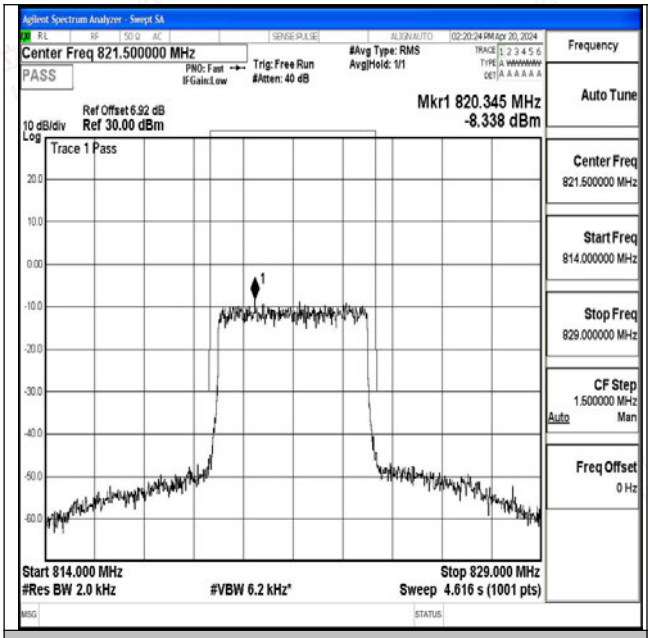

Band26_3MHz_16QAM_26775_15RB#0



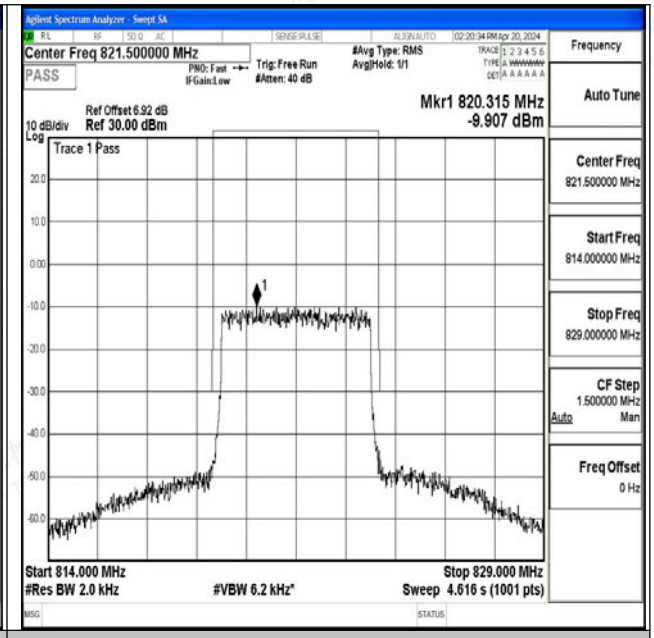

Band26_5MHz_QPSK_26715_25RB#0



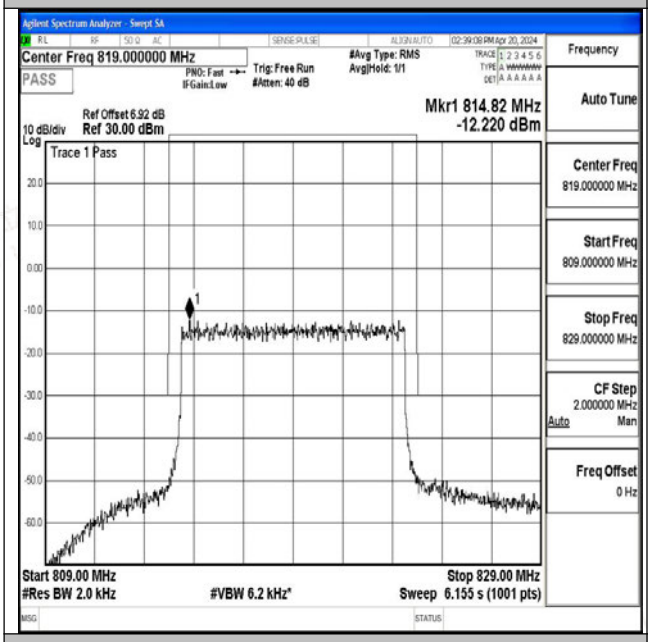

Band26_5MHz_16QAM_26715_25RB#0



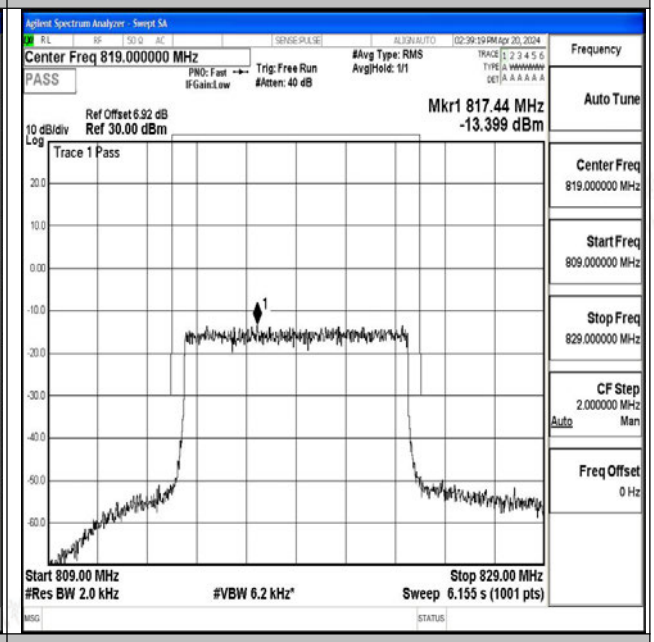

Band26_5MHz_QPSK_26765_25RB#0




Band26_5MHz_16QAM_26765_25RB#0




Band26_10MHz_QPSK_26740_50RB#0




Band26_10MHz_16QAM_26740_50RB#0

# J.5 Conducted Spurious Emission

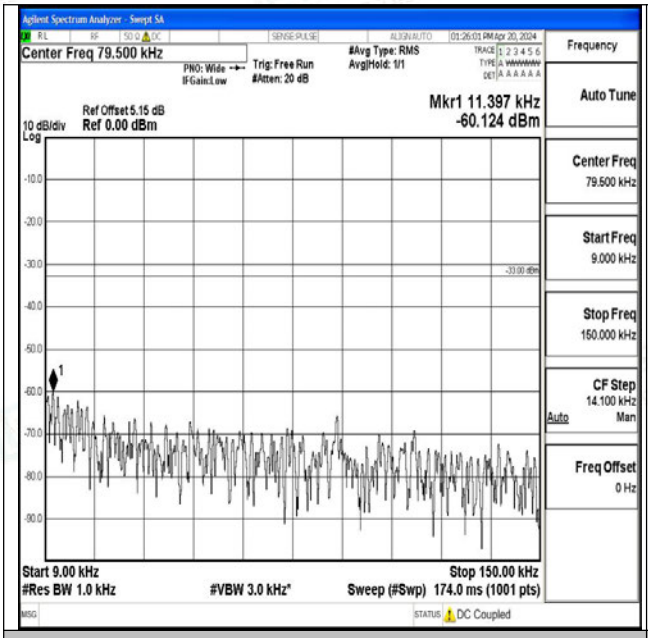
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 0.009~0.15 | -60.12 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 0.15~30 | -52.07 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 30~1000 | -52.94 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 1000~3000 | -43.03 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26697 | 1RB#0 | 3000~10000 | -44.03 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 0.009~0.15 | -57.30 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 0.15~30 | -53.34 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 30~1000 | -52.14 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 1000~3000 | -43.42 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26697 | 1RB#0 | 3000~10000 | -43.78 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -58.68 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -52.40 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -42.34 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -43.80 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -44.09 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -61.02 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -52.38 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -42.85 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -43.58 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -43.86 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 0.009~0.15 | -54.79 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 0.15~30 | -50.92 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 30~1000 | -50.54 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 1000~3000 | -43.97 | PASS |
| 26(814-824) | 1.4MHz | QPSK | 26783 | 1RB#0 | 3000~10000 | -44.36 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 0.009~0.15 | -57.08 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 0.15~30 | -52.13 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 30~1000 | -41.20 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 1000~3000 | -44.04 | PASS |
| 26(814-824) | 1.4MHz | 16QAM | 26783 | 1RB#0 | 3000~10000 | -44.05 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 0.009~0.15 | -57.56 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 0.15~30 | -53.49 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 30~1000 | -59.58 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 1000~3000 | -43.55 | PASS |
| 26(814-824) | 3MHz | QPSK | 26705 | 1RB#0 | 3000~10000 | -43.66 | PASS |

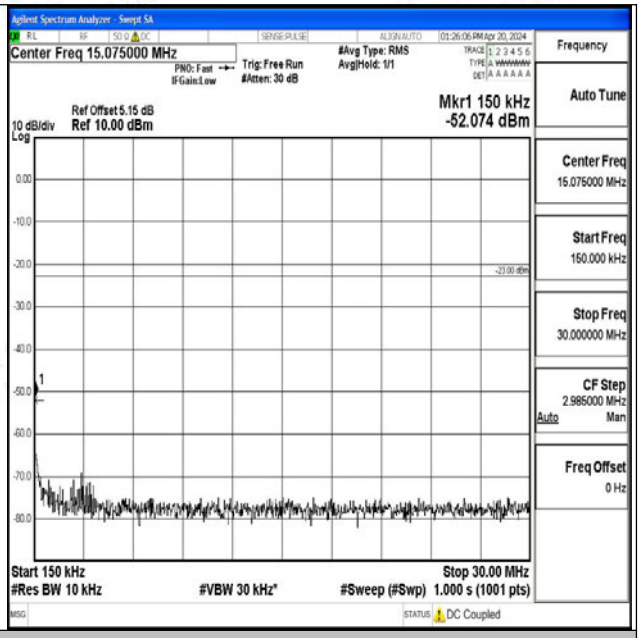
| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 0.009~0.15 | -59.06 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 0.15~30 | -53.35 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 30~1000 | -59.78 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 1000~3000 | -43.00 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26705 | 1RB#0 | 3000~10000 | -44.18 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -58.07 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -51.85 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -60.04 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -43.12 | PASS |
| 26(814-824) | 3MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -44.28 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -57.14 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -51.69 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -59.50 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -42.97 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -44.20 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 0.009~0.15 | -55.59 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 0.15~30 | -52.08 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 30~1000 | -45.33 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 1000~3000 | -43.90 | PASS |
| 26(814-824) | 3MHz | QPSK | 26775 | 1RB#0 | 3000~10000 | -43.92 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 0.009~0.15 | -54.92 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 0.15~30 | -52.29 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 30~1000 | -45.28 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 1000~3000 | -45.45 | PASS |
| 26(814-824) | 3MHz | 16QAM | 26775 | 1RB#0 | 3000~10000 | -44.45 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 0.009~0.15 | -54.62 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 0.15~30 | -51.50 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 30~1000 | -62.06 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 1000~3000 | -43.16 | PASS |
| 26(814-824) | 5MHz | QPSK | 26715 | 1RB#0 | 3000~10000 | -44.11 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 0.009~0.15 | -56.11 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 0.15~30 | -51.97 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 30~1000 | -60.91 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 1000~3000 | -42.56 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26715 | 1RB#0 | 3000~10000 | -44.17 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -59.03 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -51.58 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -62.05 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -43.02 | PASS |
| 26(814-824) | 5MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -43.89 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -59.68 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -53.44 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -62.10 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -44.04 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -44.38 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 0.009~0.15 | -57.98 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 0.15~30 | -51.27 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 30~1000 | -62.11 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 1000~3000 | -43.77 | PASS |
| 26(814-824) | 5MHz | QPSK | 26765 | 1RB#0 | 3000~10000 | -43.99 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 0.009~0.15 | -56.85 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 0.15~30 | -53.83 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 30~1000 | -62.37 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 1000~3000 | -43.30 | PASS |
| 26(814-824) | 5MHz | 16QAM | 26765 | 1RB#0 | 3000~10000 | -43.89 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 0.009~0.15 | -58.99 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 0.15~30 | -50.52 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 30~1000 | -62.11 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 1000~3000 | -42.68 | PASS |
| 26(814-824) | 10MHz | QPSK | 26740 | 1RB#0 | 3000~10000 | -44.18 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 0.009~0.15 | -57.46 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 0.15~30 | -51.98 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 30~1000 | -61.61 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 1000~3000 | -42.67 | PASS |
| 26(814-824) | 10MHz | 16QAM | 26740 | 1RB#0 | 3000~10000 | -44.46 | PASS |

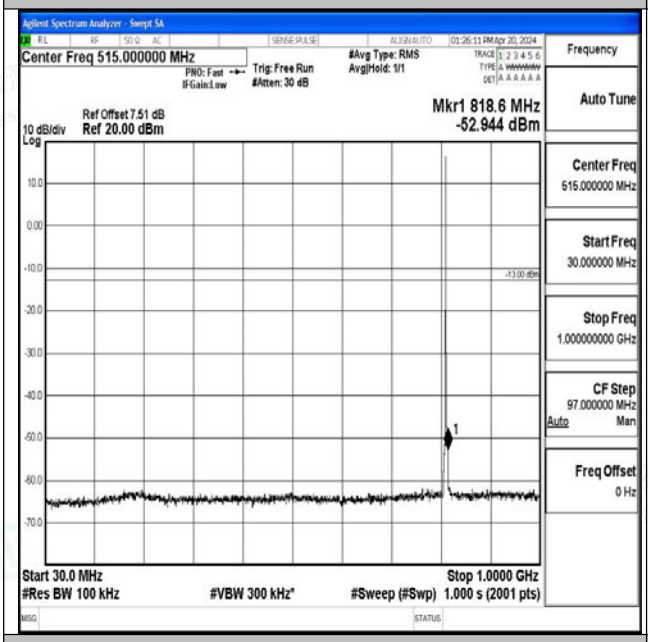
## Test Graphs



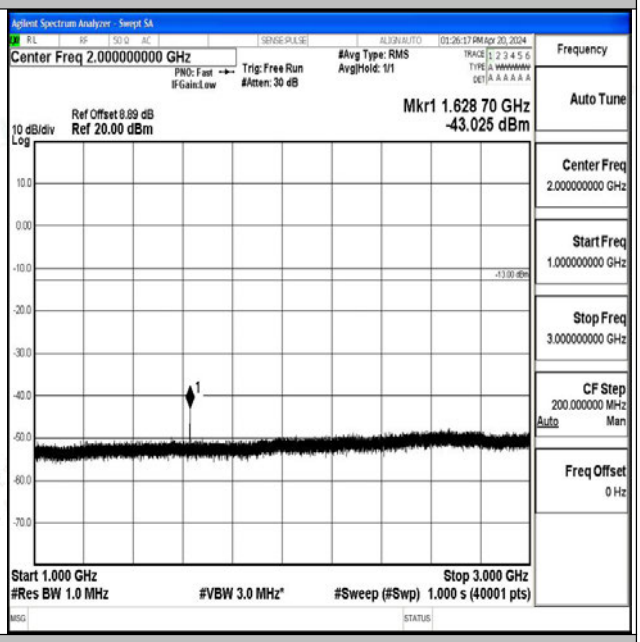

Band26_1.4MHz_QPSK_26697_1RB#0_0.009~0.15_0.009~0.15



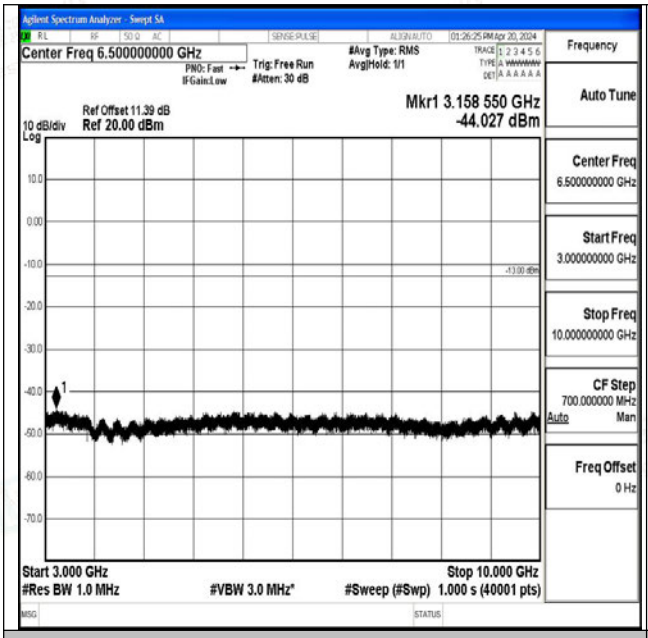

Band26_1.4MHz_QPSK_26697_1RB#0_0.15~30_0.15~30



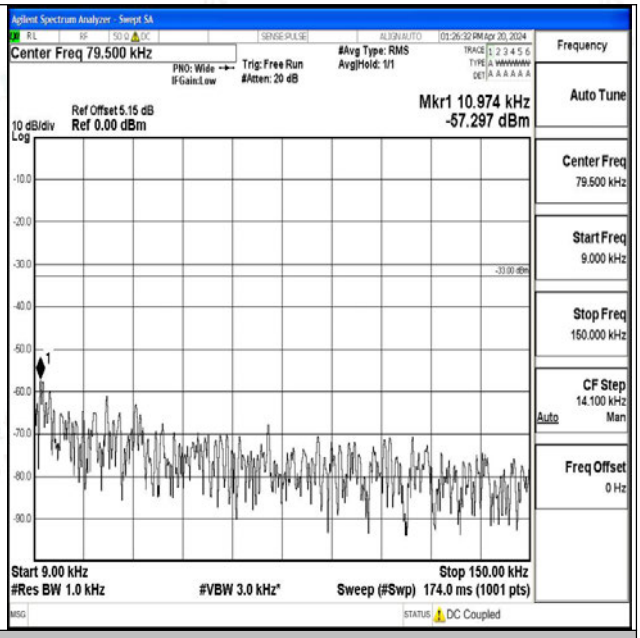

Band26_1.4MHz_QPSK_26697_1RB#0_30~1000_30~1000



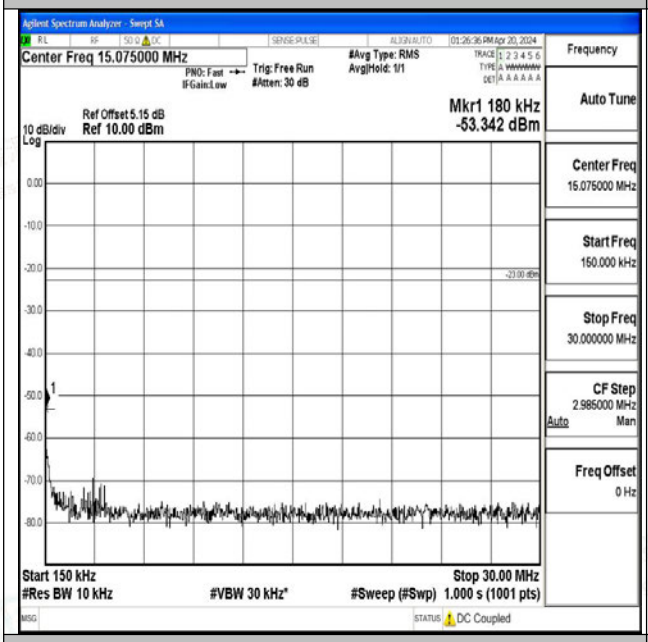

Band26_1.4MHz_QPSK_26697_1RB#0_1000~3000_1000~3000



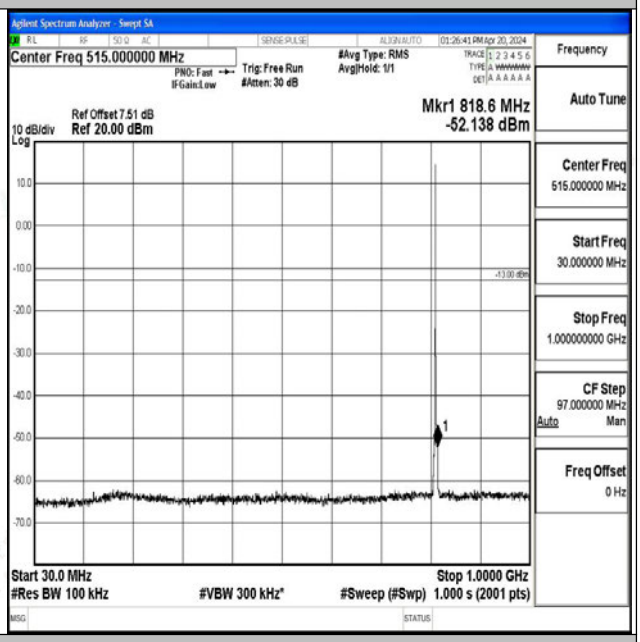

Band26_1.4MHz_QPSK_26697_1RB#0_3000~10000_3000~10000



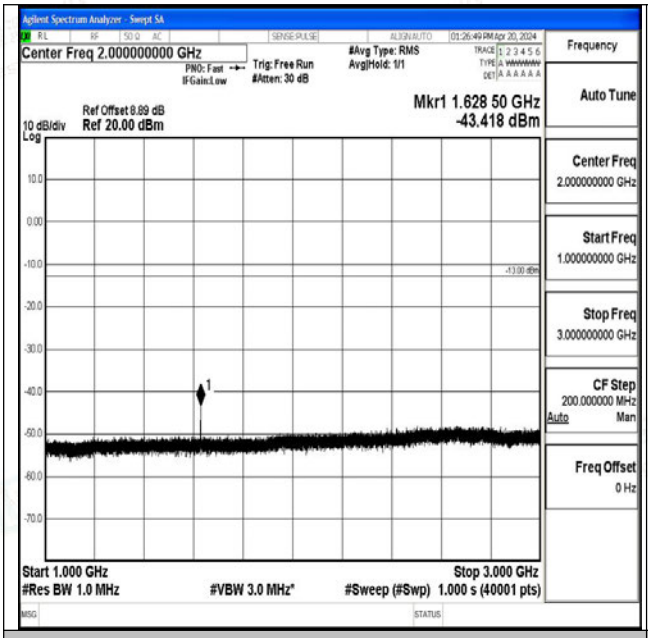

Band26_1.4MHz_16QAM_26697_1RB#0_0.009~0.15_0.009~0.15



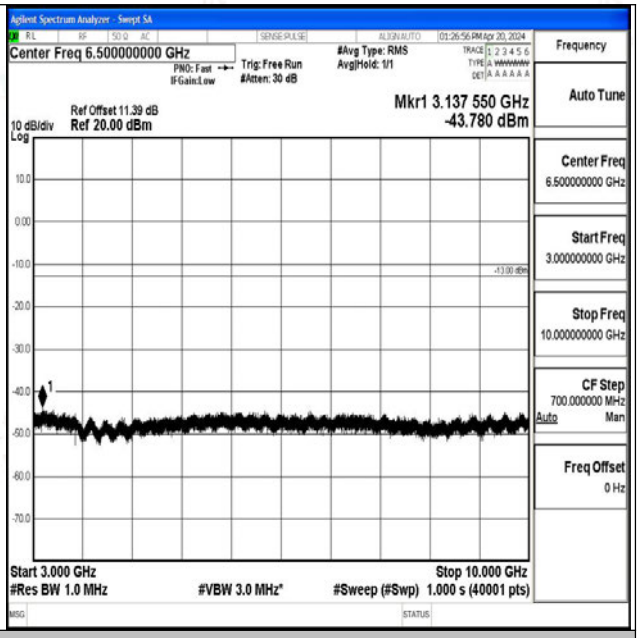

Band26_1.4MHz_16QAM_26697_1RB#0_0.15~30_0.15~30



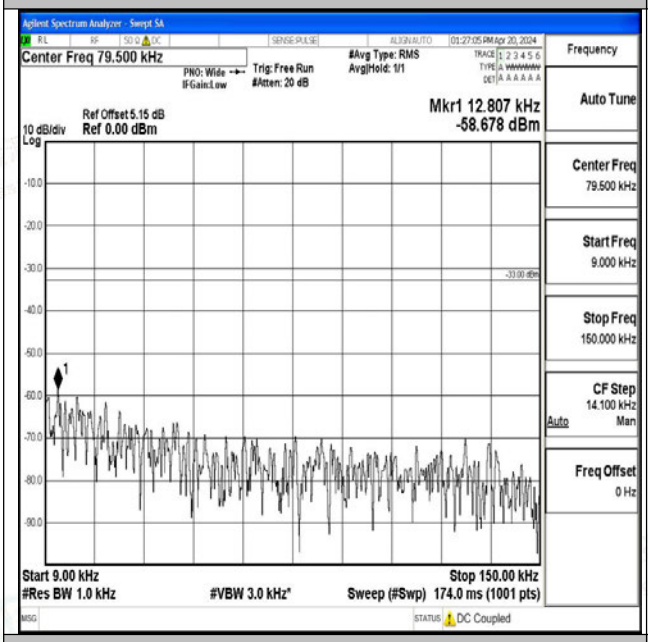

Band26_1.4MHz_16QAM_26697_1RB#0_30~1000_30~1000



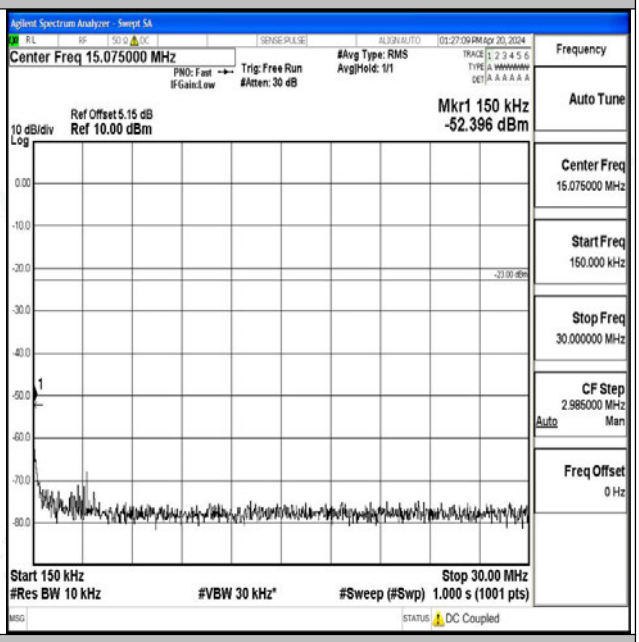

Band26_1.4MHz_16QAM_26697_1RB#0_1000~3000_1000~3000



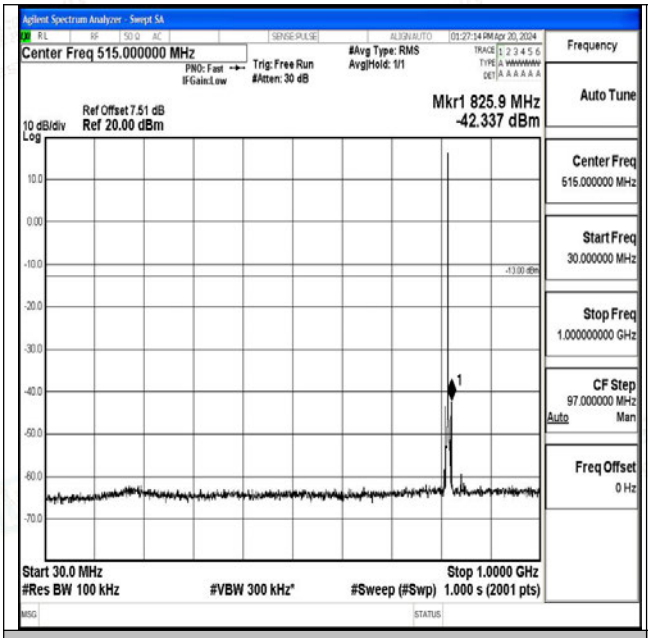

Band26_1.4MHz_16QAM_26697_1RB#0_3000~10000_3000~10000



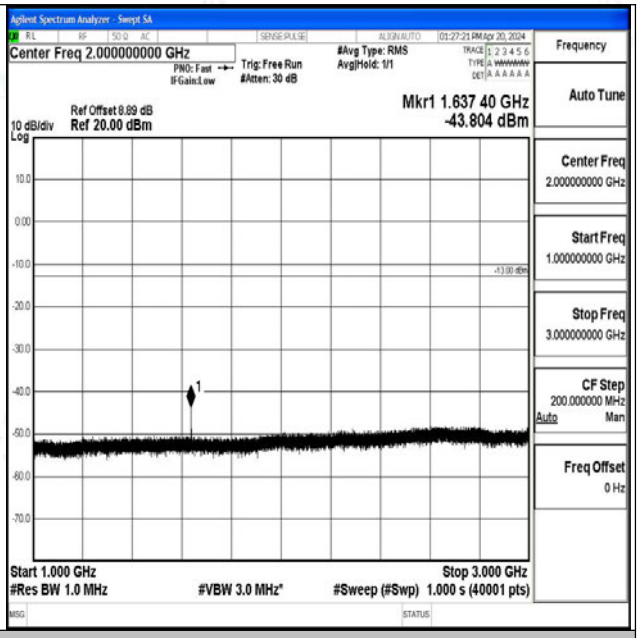

Band26_1.4MHz_QPSK_26740_1RB#0_0.009~0.15_0.009~0.15



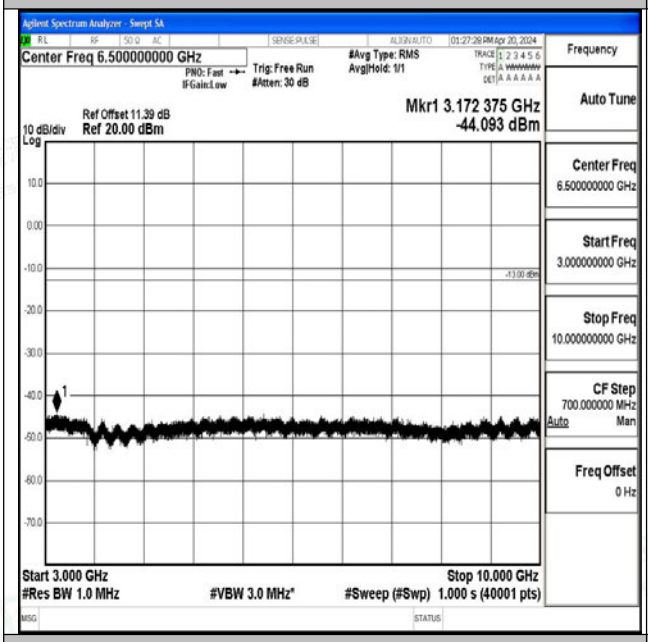

Band26_1.4MHz_QPSK_26740_1RB#0_0.15~30_0.15~30



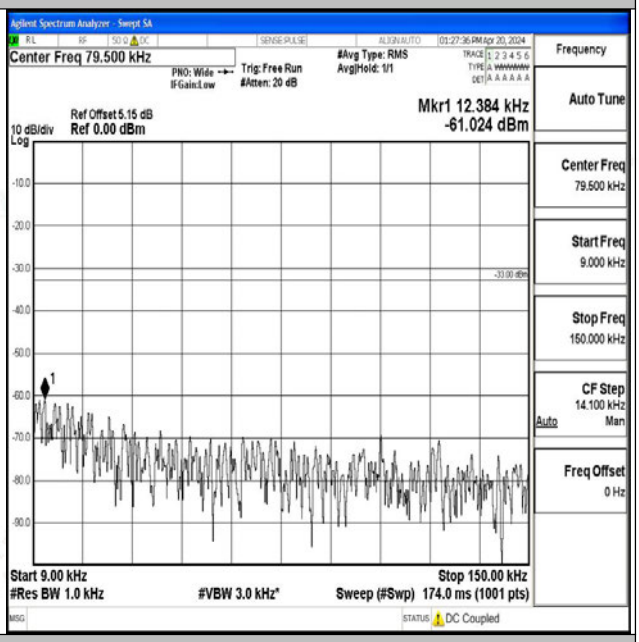

Band26_1.4MHz_QPSK_26740_1RB#0_30~1000_30~1000



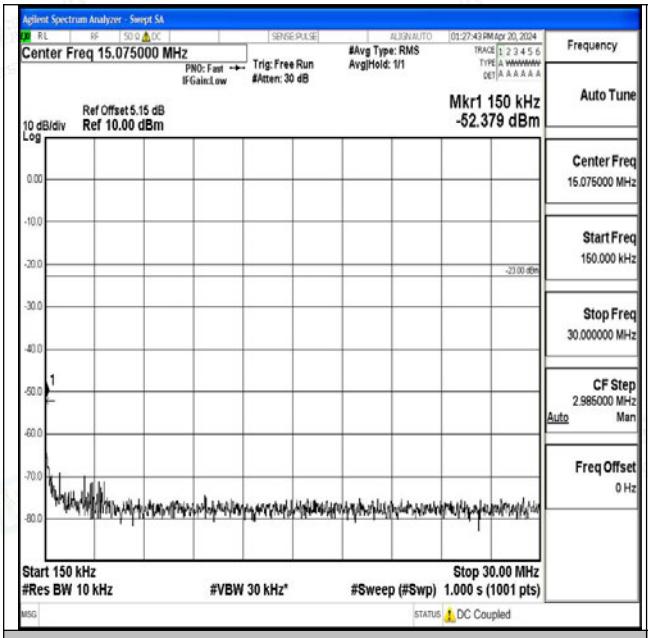

Band26_1.4MHz_QPSK_26740_1RB#0_1000~3000_1000~3000



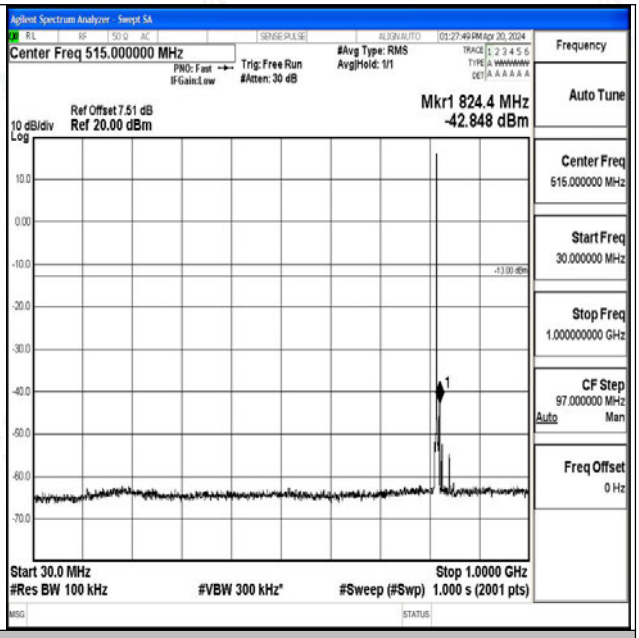

Band26_1.4MHz_QPSK_26740_1RB#0_3000~10000_3000~10000



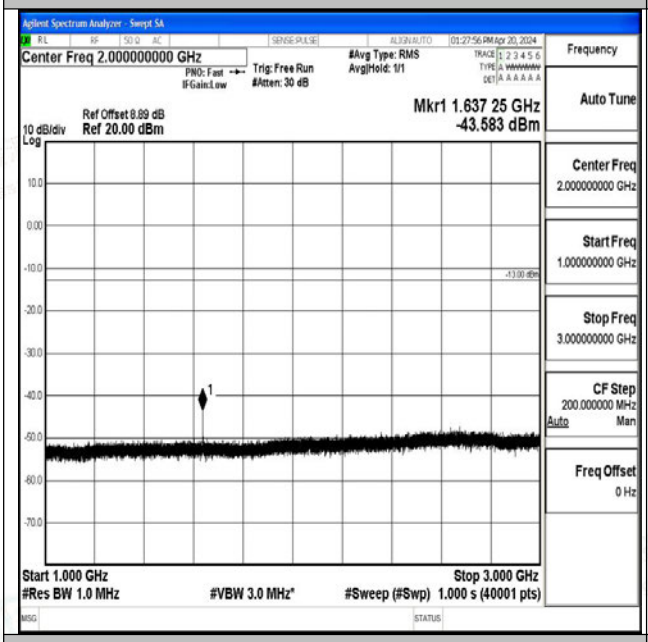

Band26_1.4MHz_16QAM_26740_1RB#0_0.009~0.15_0.009~0.15



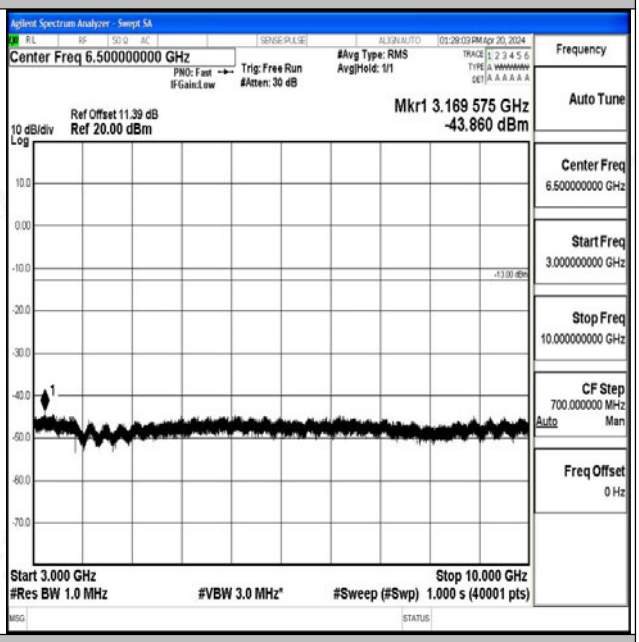

Band26_1.4MHz_16QAM_26740_1RB#0_0.15~30_0.15~30



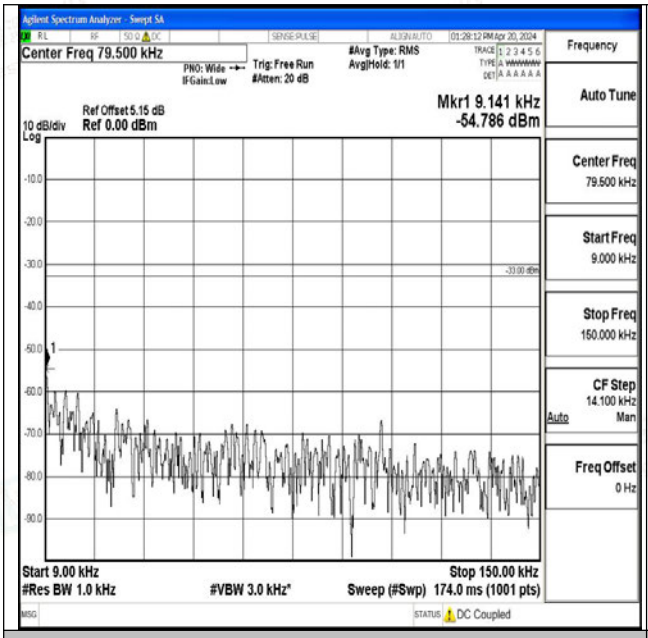

Band26_1.4MHz_16QAM_26740_1RB#0_30~1000_30~1000



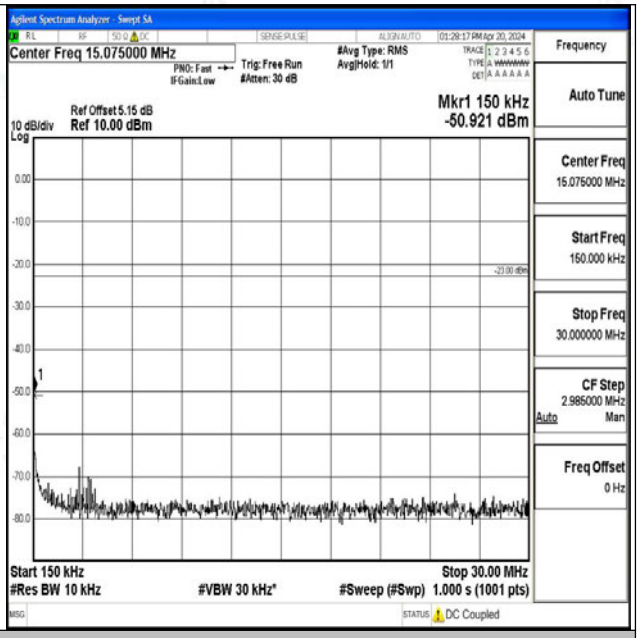

Band26_1.4MHz_16QAM_26740_1RB#0_1000~3000_1000~3000




Band26_1.4MHz_16QAM_26740_1RB#0_3000~10000_3000~10000




Band26_1.4MHz_QPSK_26783_1RB#0_0.009~0.15_0.009~0.15

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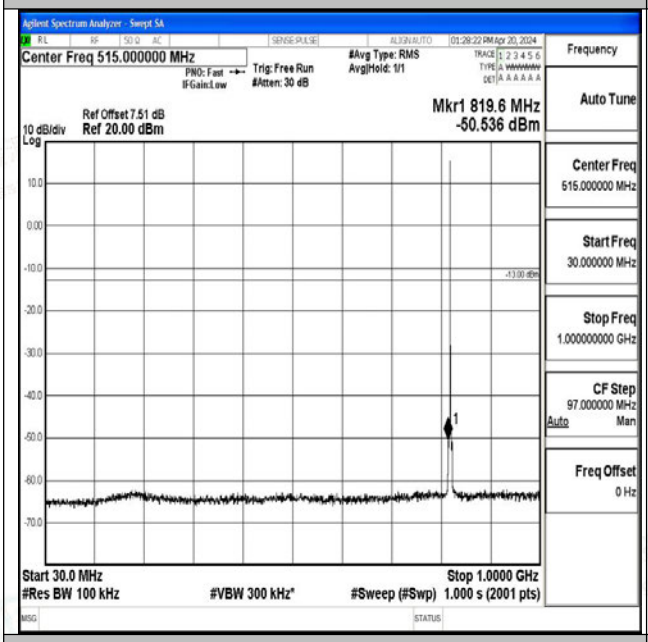


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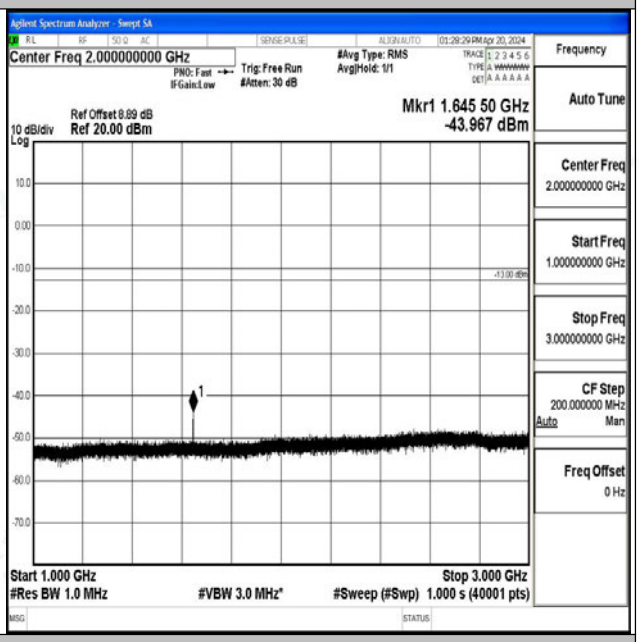


Band26_1.4MHz_QPSK_26783_1RB#0_1000~3000_1000~3000