# Appendix F Test Data for E-UTRA Band 12

**Product Name: Global 4G Wifi Router**

**Test Model: TD20**

**Environmental Conditions**

| | |
|---|---|
| Temperature: | 24.6° C |
| Relative Humidity: | 53.6% |
| ATM Pressure: | 100.0 kPa |
| Test Engineer: | Andre Tan |
| Supervised by: | Nick Peng |

# F.1 Conducted Output Power Data

## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | 23.84 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 23.51 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#2 | 23.82 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#2 | 23.46 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#5 | 23.79 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#5 | 23.41 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#0 | 23.85 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#0 | 22.40 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#1 | 23.85 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#1 | 23.12 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 3RB#3 | 23.77 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 3RB#3 | 23.07 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 22.96 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 22.27 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | 23.75 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 22.39 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#2 | 23.81 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#2 | 22.60 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#5 | 24.03 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#5 | 22.84 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#0 | 23.79 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#0 | 22.89 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#1 | 23.79 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#1 | 22.89 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 3RB#3 | 23.71 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 3RB#3 | 22.88 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 22.88 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 22.16 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | 23.63 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 22.99 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#2 | 23.59 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2 | 23.06 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#5 | 23.62 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5 | 23.11 | PASS |

| | | | | | | |
|---|---|---|---|---|---|---|
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#0 | 23.57 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0 | 22.66 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#1 | 23.58 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1 | 22.47 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 3RB#3 | 23.69 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3 | 22.47 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 22.73 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 21.91 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#0 | 23.63 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0 | 22.49 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#8 | 23.60 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#8 | 22.68 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#14 | 23.57 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#14 | 22.72 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#0 | 22.73 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#0 | 22.00 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#4 | 22.74 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#4 | 22.18 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 8RB#7 | 22.81 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 8RB#7 | 22.08 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 22.69 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 21.95 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#0 | 23.59 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 22.36 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#8 | 23.49 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#8 | 22.30 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#14 | 23.47 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#14 | 22.23 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#0 | 22.54 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#0 | 22.00 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#4 | 22.54 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#4 | 22.00 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 8RB#7 | 22.53 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 8RB#7 | 21.91 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 22.55 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 21.64 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#0 | 23.53 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 22.99 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#8 | 23.35 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#8 | 22.93 | PASS |

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|---|---|---|---|---|---|---|
| Band12 | 3MHz | QPSK | 23165 | 1RB#14 | 23.46 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14 | 22.93 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#0 | 22.50 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0 | 21.91 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#4 | 22.50 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4 | 21.91 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 8RB#7 | 22.51 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7 | 21.87 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 22.71 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 21.81 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#0 | 23.69 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 22.23 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#12 | 23.63 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12 | 22.18 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#24 | 23.71 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24 | 22.05 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#0 | 22.78 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#0 | 21.90 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#6 | 22.79 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#6 | 21.90 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 12RB#13 | 22.77 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#13 | 21.84 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 22.55 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 21.99 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#0 | 23.45 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 22.95 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#12 | 23.36 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#12 | 22.86 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#24 | 23.35 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24 | 22.92 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#0 | 22.56 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#0 | 21.87 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#6 | 22.52 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#6 | 21.88 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 12RB#13 | 22.47 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#13 | 21.83 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 22.55 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 21.79 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#0 | 23.39 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0 | 22.32 | PASS |

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|---|---|---|---|---|---|---|
| Band12 | 5MHz | QPSK | 23155 | 1RB#12 | 23.29 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#12 | 22.25 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#24 | 23.27 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#24 | 22.34 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#0 | 22.59 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#0 | 21.58 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#6 | 22.59 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#6 | 21.58 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 12RB#13 | 22.54 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 12RB#13 | 21.56 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 22.51 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 21.72 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | 23.52 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 22.97 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#24 | 23.60 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24 | 22.91 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#49 | 23.37 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | 22.70 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#0 | 22.73 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0 | 21.78 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#12 | 22.73 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 21.77 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 25RB#25 | 22.38 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 21.72 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 22.64 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 21.82 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | 23.77 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 22.65 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#24 | 23.67 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24 | 22.62 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#49 | 23.32 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49 | 21.99 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#0 | 22.60 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0 | 21.85 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#12 | 22.61 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 21.86 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 25RB#25 | 22.41 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 21.83 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 22.56 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 21.82 | PASS |

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|---|---|---|---|---|---|---|
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | 23.48 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 23.35 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#24 | 23.46 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24 | 23.25 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#49 | 23.31 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | 22.72 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#0 | 22.58 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0 | 21.81 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#12 | 22.59 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 21.81 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 25RB#25 | 22.67 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 21.69 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 22.44 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 21.72 | PASS |

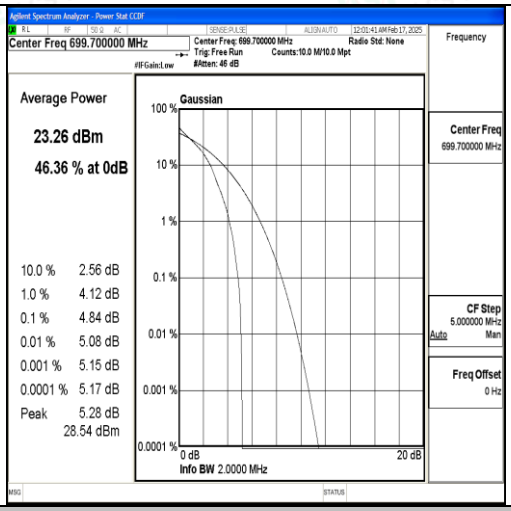
# F.2 Peak-to-Average Ratio(CCDF)

## Test Result

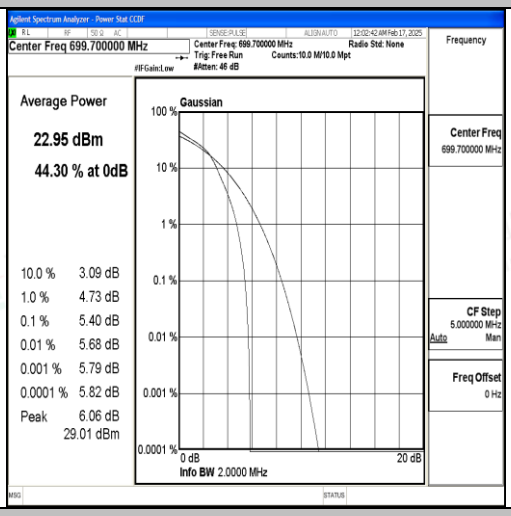
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|---|---|---|---|---|---|---|---|
| Band12 | 1.4MHz | QPSK | 23017 | 1RB#0 | 4.84 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 1RB#0 | 5.40 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 5.53 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 6.27 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 1RB#0 | 4.81 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 1RB#0 | 5.38 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 5.53 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 6.25 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 1RB#0 | 4.29 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#0 | 4.91 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 5.01 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 5.73 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 1RB#0 | 4.97 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 1RB#0 | 5.83 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 5.59 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 6.29 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 1RB#0 | 4.93 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 1RB#0 | 5.77 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 5.55 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 6.33 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 1RB#0 | 4.63 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 1RB#0 | 5.43 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 5.16 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 5.93 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 1RB#0 | 5.04 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0 | 5.87 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 5.64 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 6.31 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 1RB#0 | 5.00 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0 | 5.82 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 5.65 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 6.30 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 1RB#0 | 4.97 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0 | 5.77 | 13 | PASS |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 5.42 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 6.10 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 1RB#0 | 4.98 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0 | 5.91 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 5.65 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 6.34 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 1RB#0 | 5.00 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0 | 5.73 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 5.67 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 6.36 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 1RB#0 | 4.91 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0 | 5.70 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 5.56 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 6.26 | 13 | PASS |

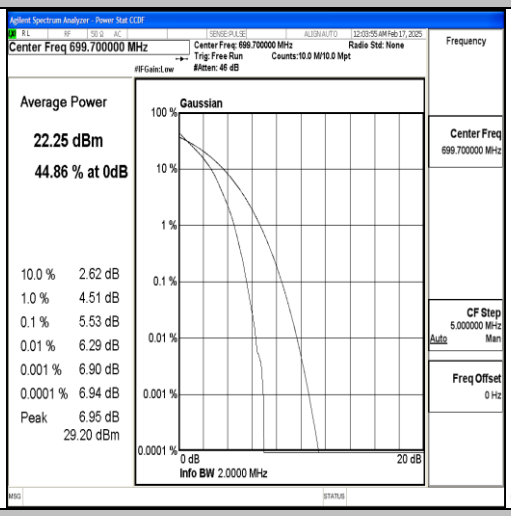
## Test Graphs



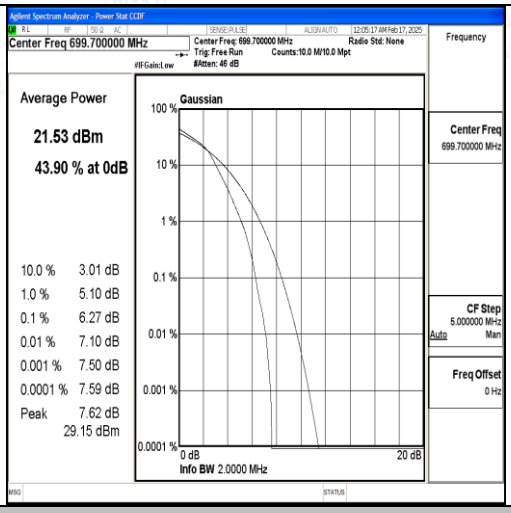

Band12-1.4MHz-QPSK-23017-1RB#0-PASS



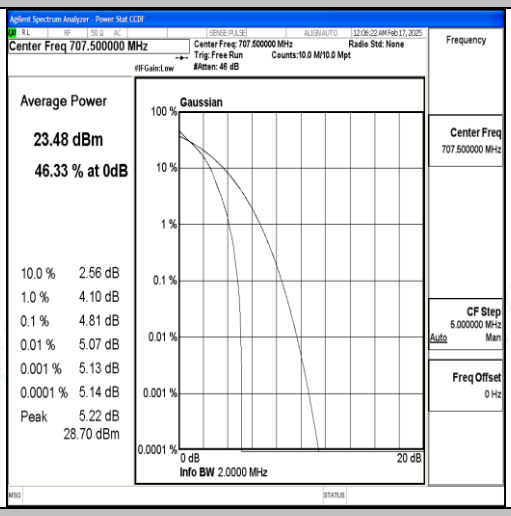

Band12-1.4MHz-16QAM-23017-1RB#0-PASS



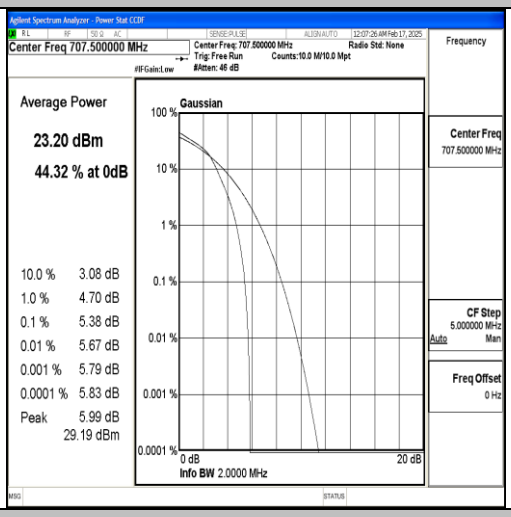

Band12-1.4MHz-QPSK-23017-6RB#0-PASS



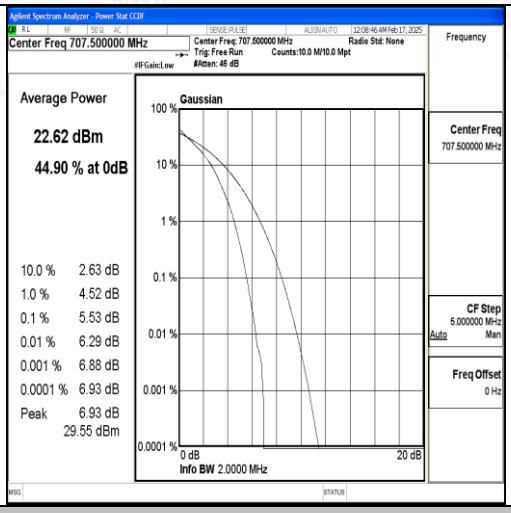

Band12-1.4MHz-16QAM-23017-6RB#0-PASS



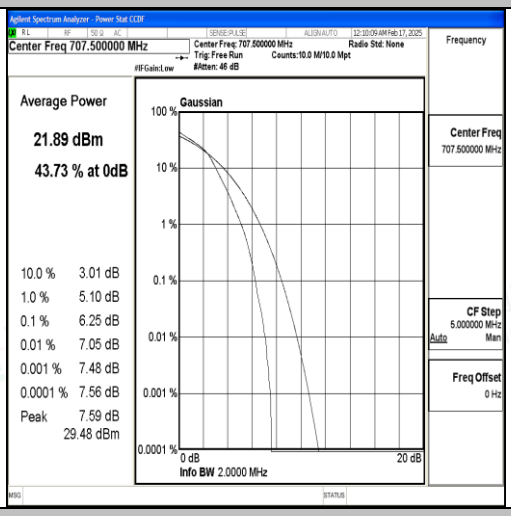

Band12-1.4MHz-QPSK-23095-1RB#0-PASS



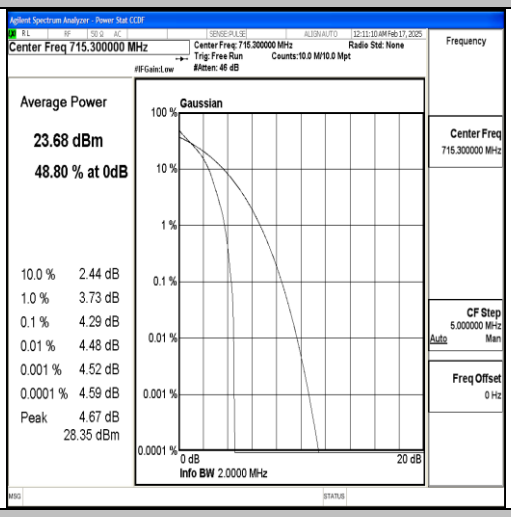

Band12-1.4MHz-16QAM-23095-1RB#0-PASS



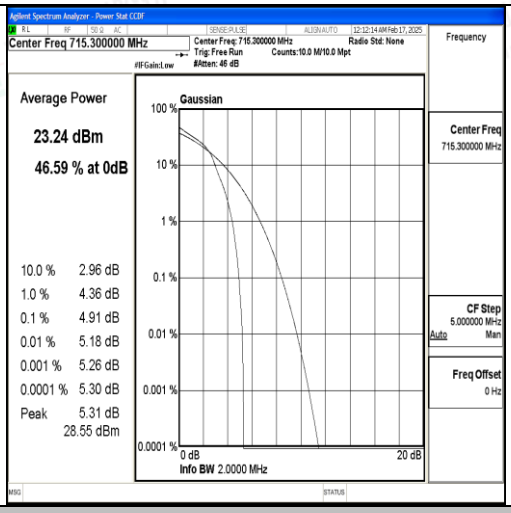

Band12-1.4MHz-QPSK-23095-6RB#0-PASS




Band12-1.4MHz-16QAM-23095-6RB#0-PASS




Band12-1.4MHz-QPSK-23173-1RB#0-PASS

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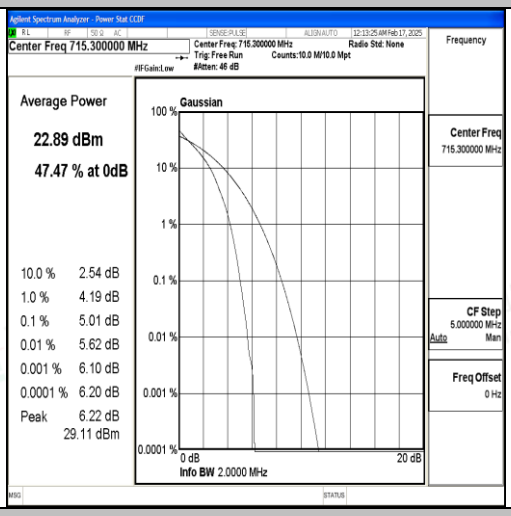


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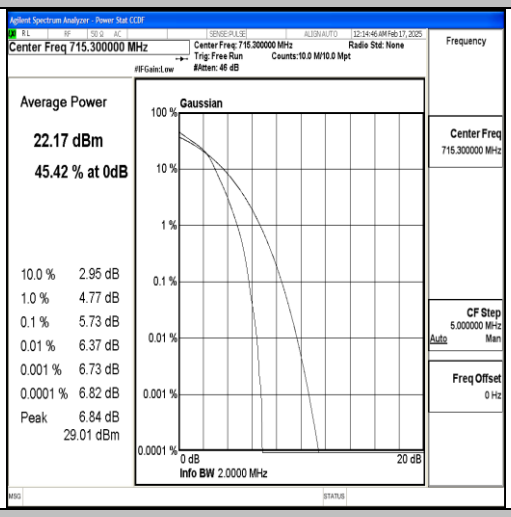


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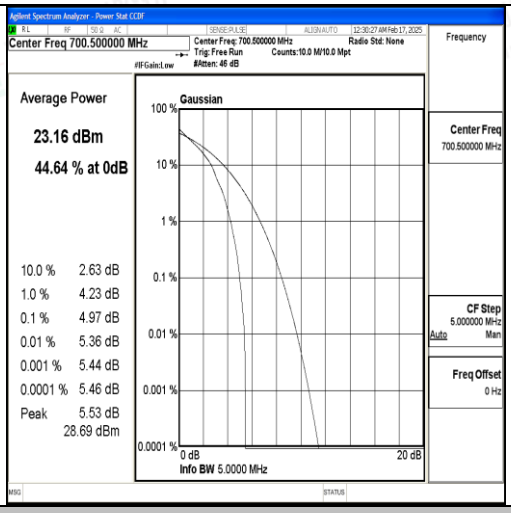


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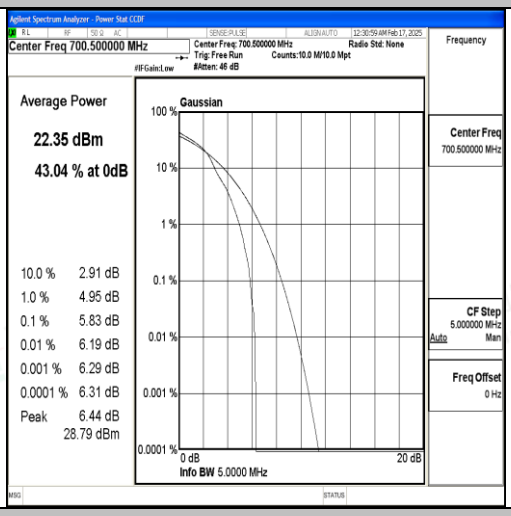


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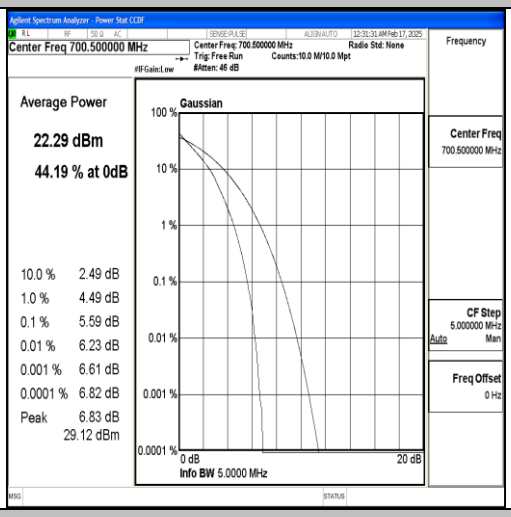


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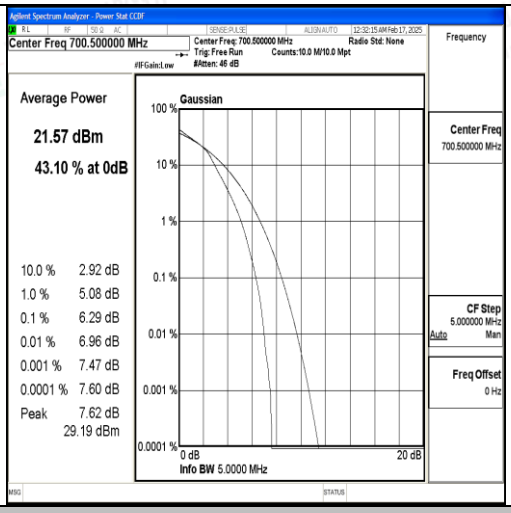


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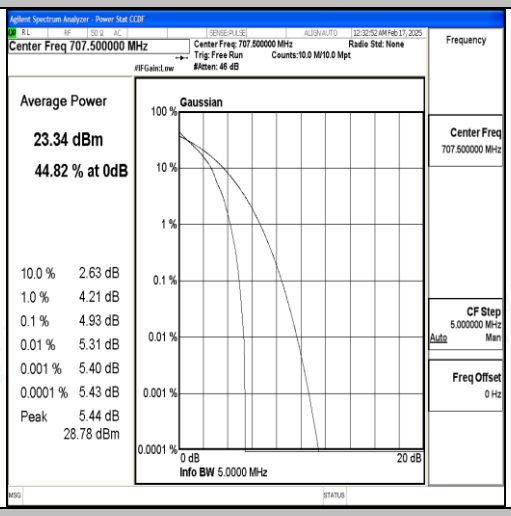


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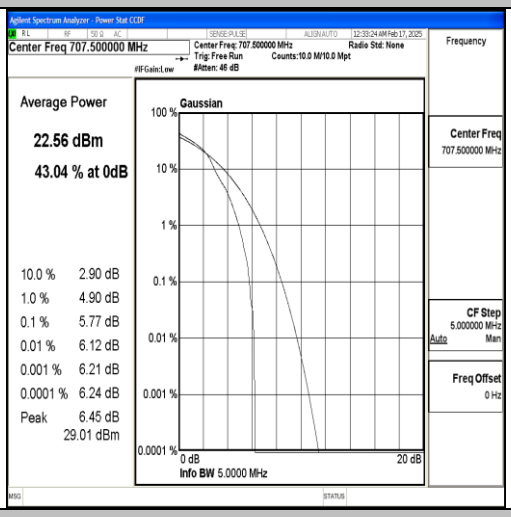


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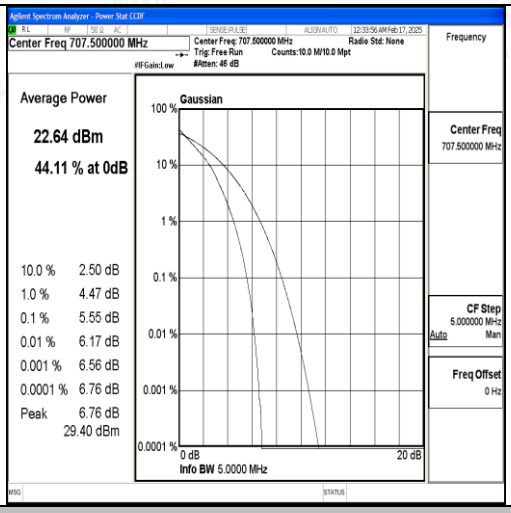


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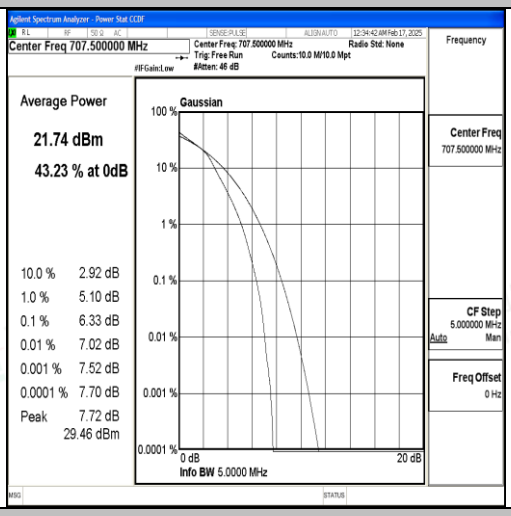


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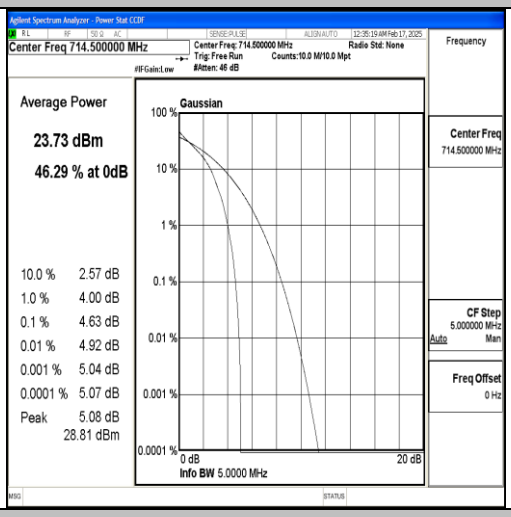


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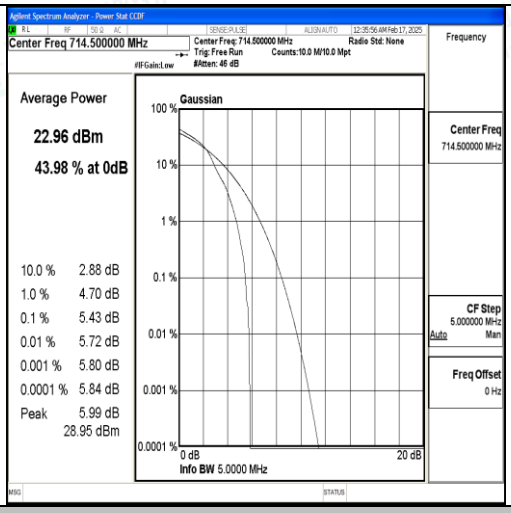


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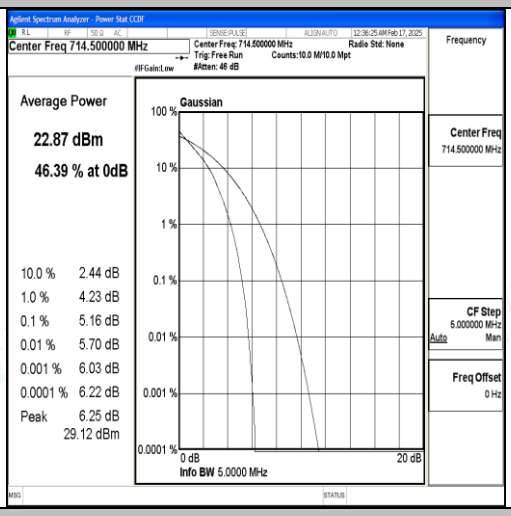


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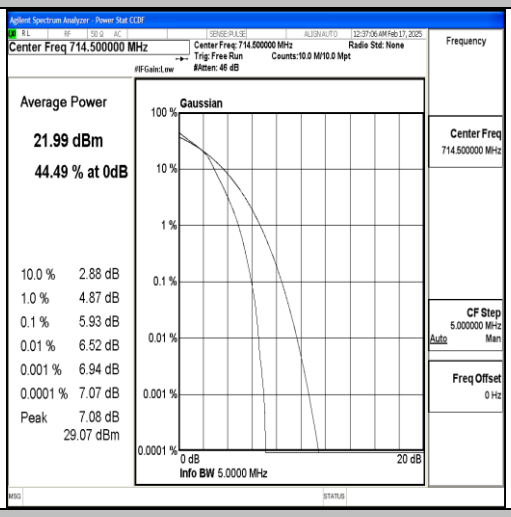


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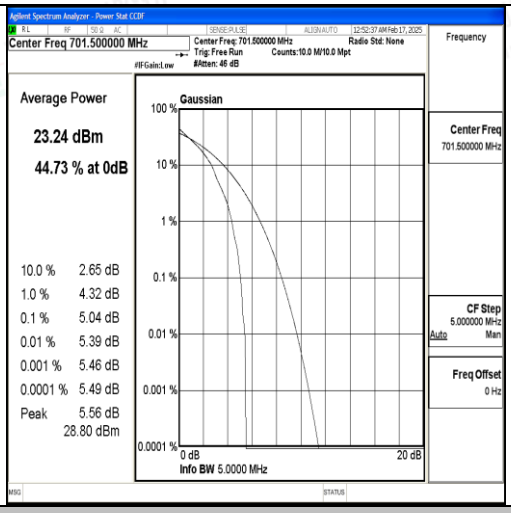


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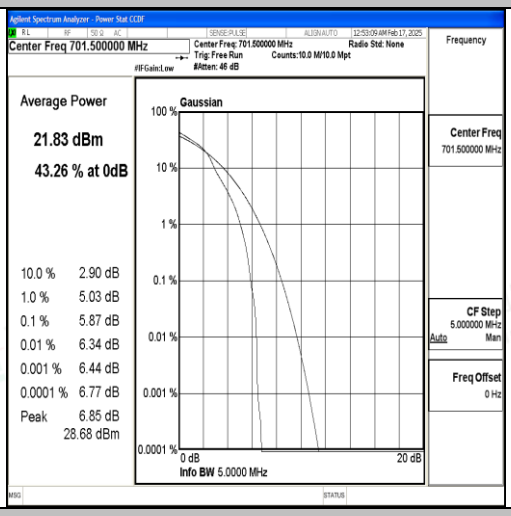


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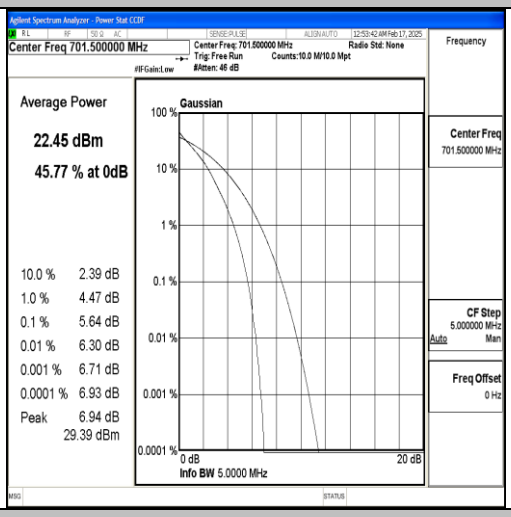


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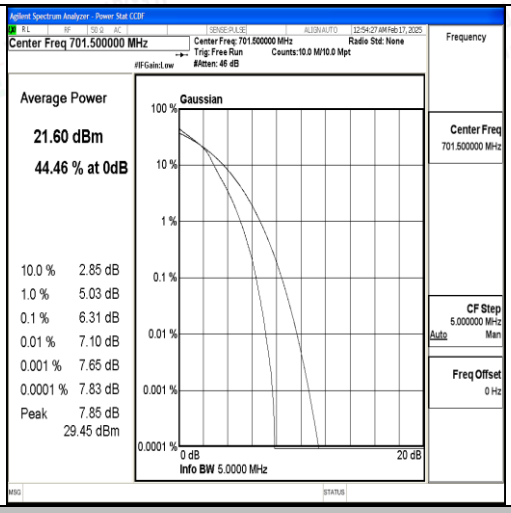


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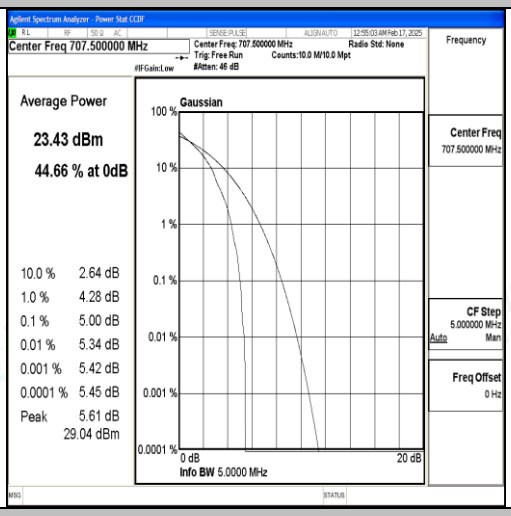


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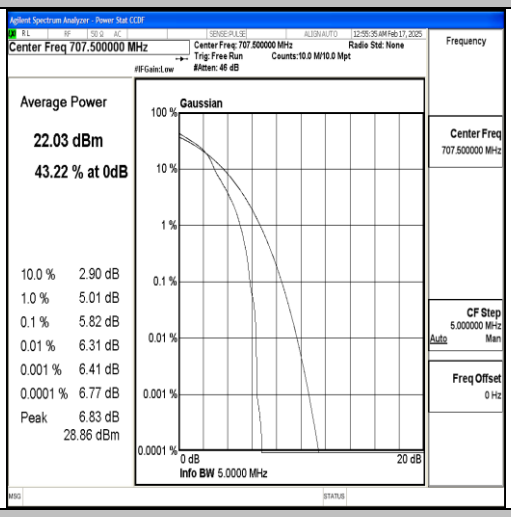


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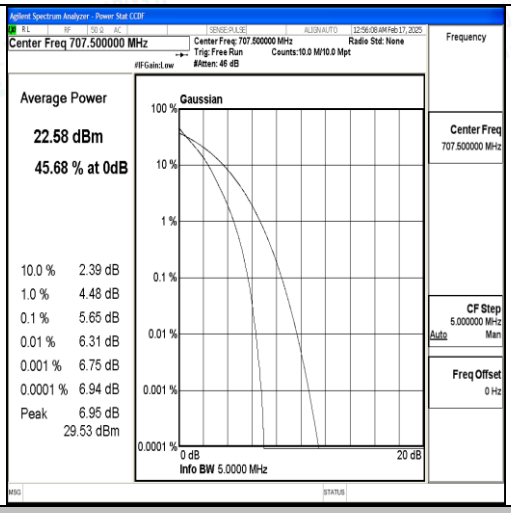


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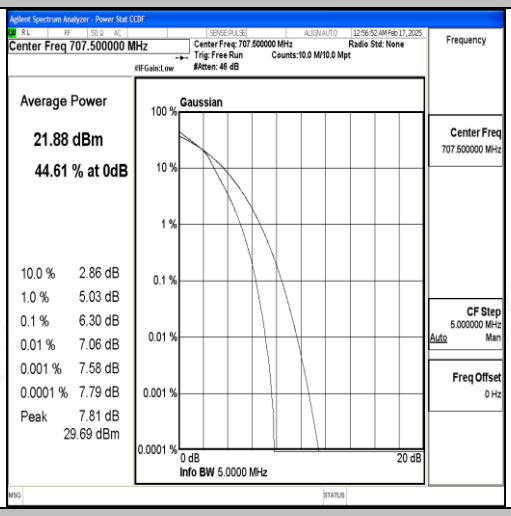


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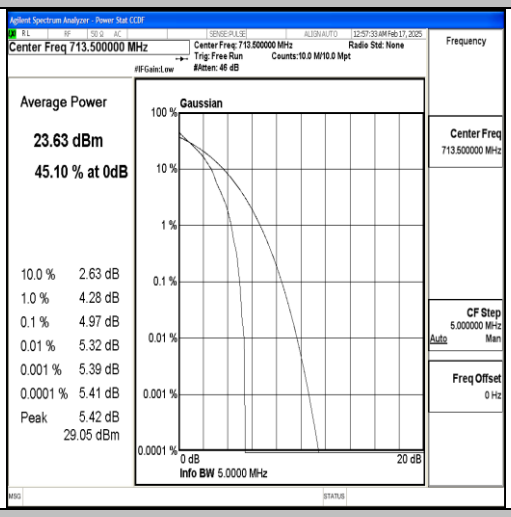


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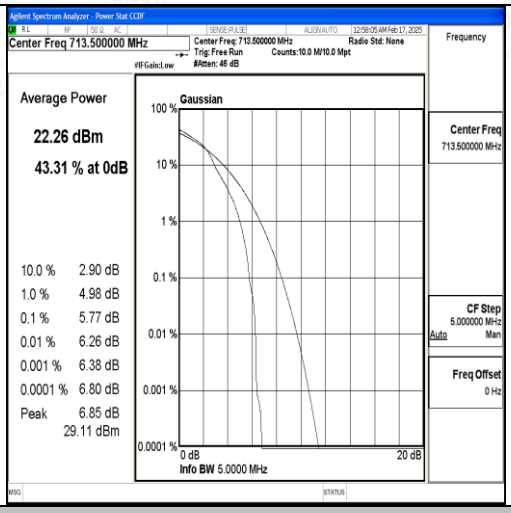


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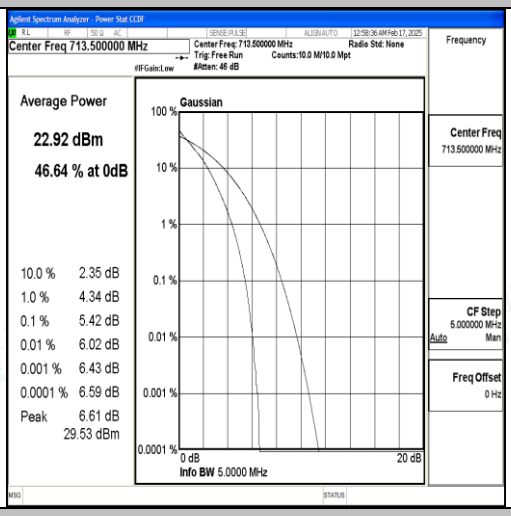


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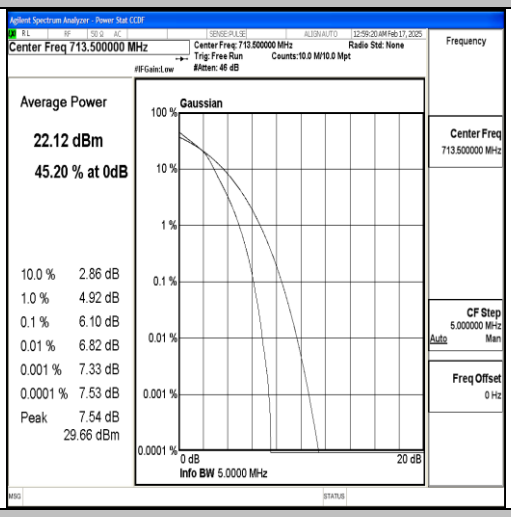


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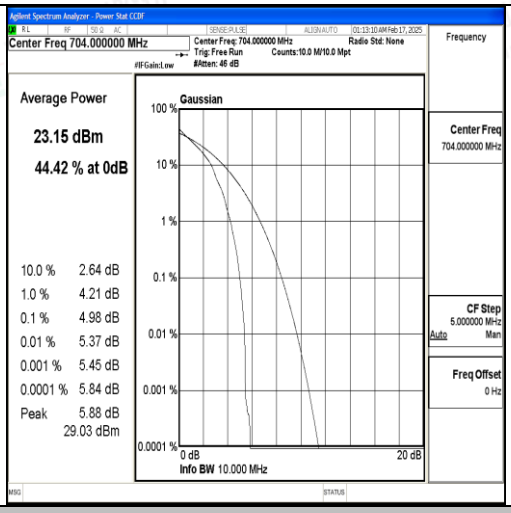


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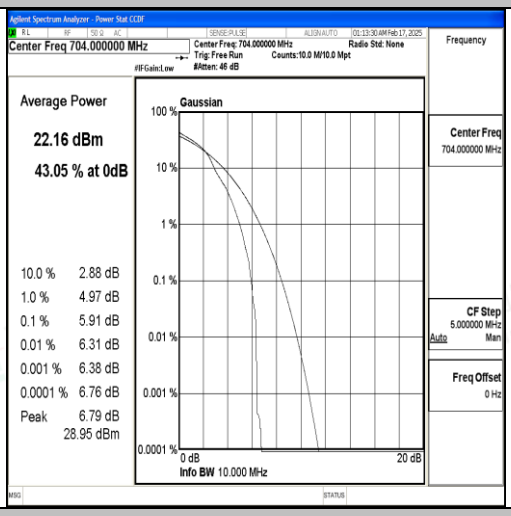


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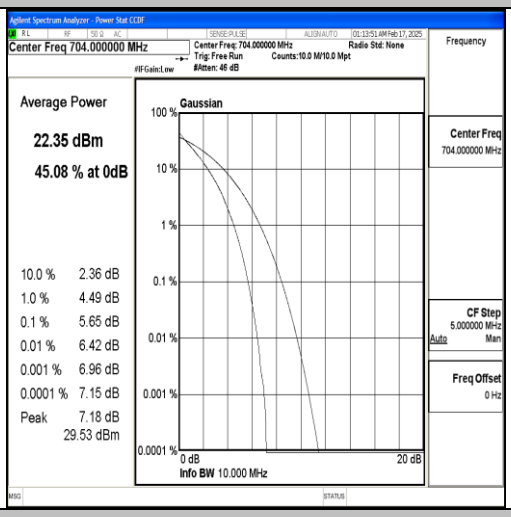


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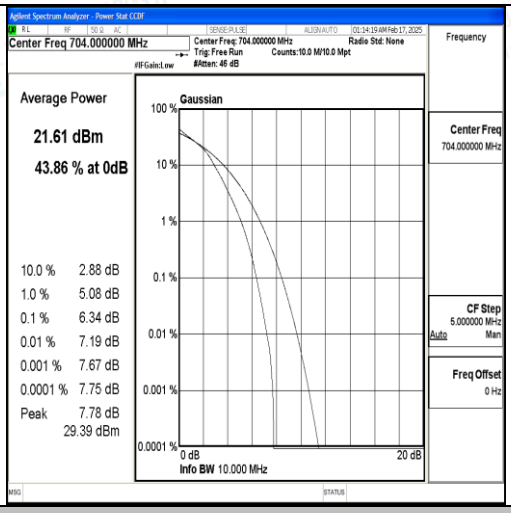


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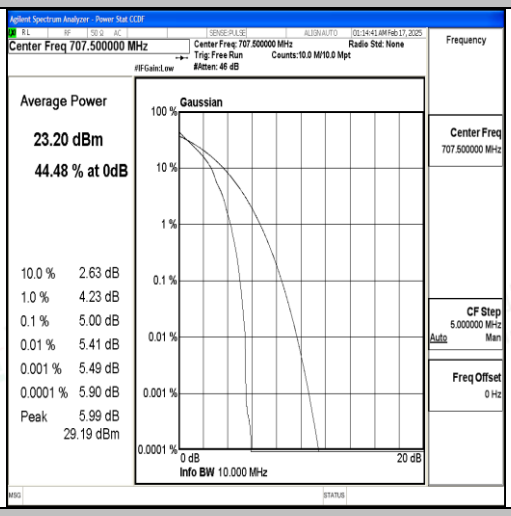


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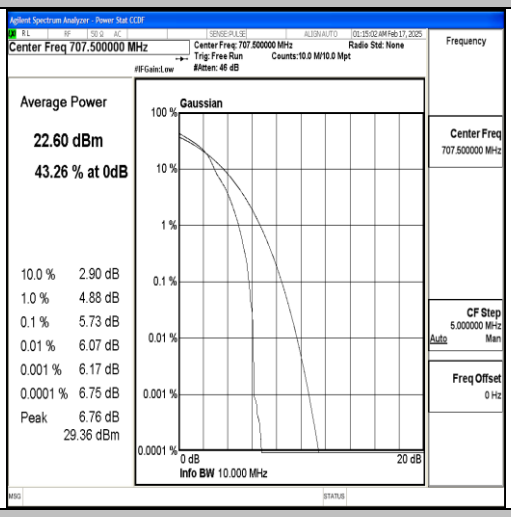


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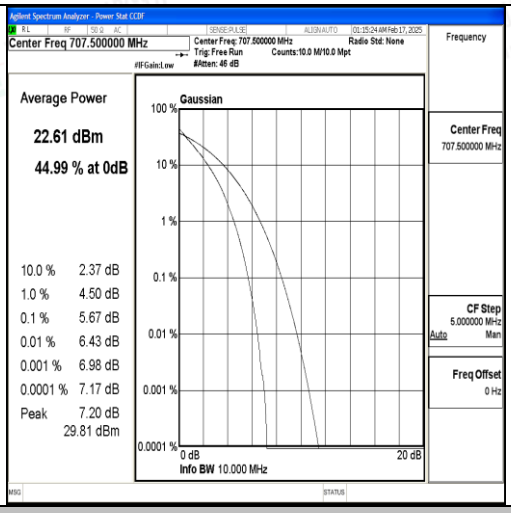


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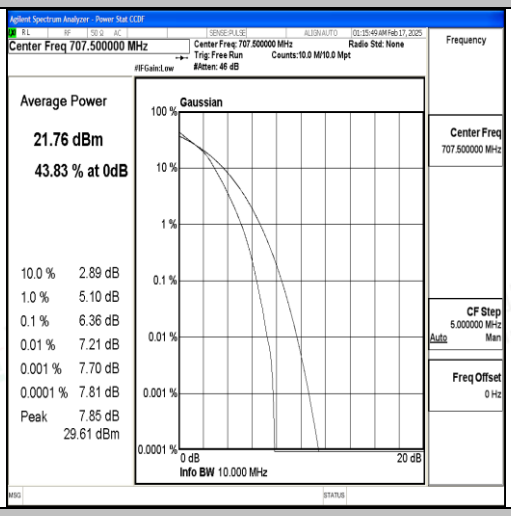


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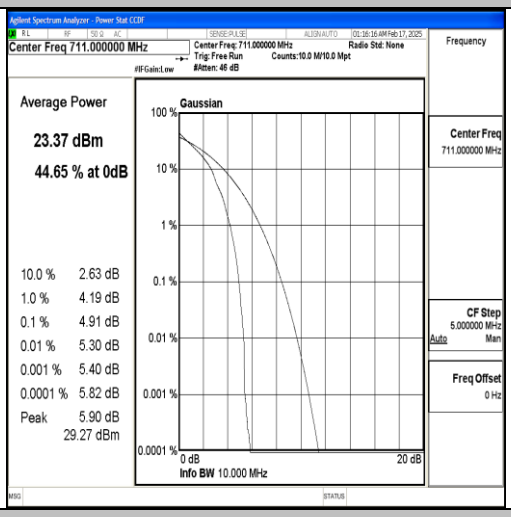


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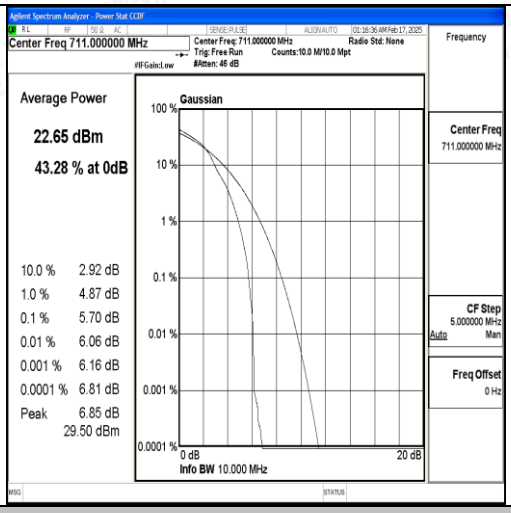


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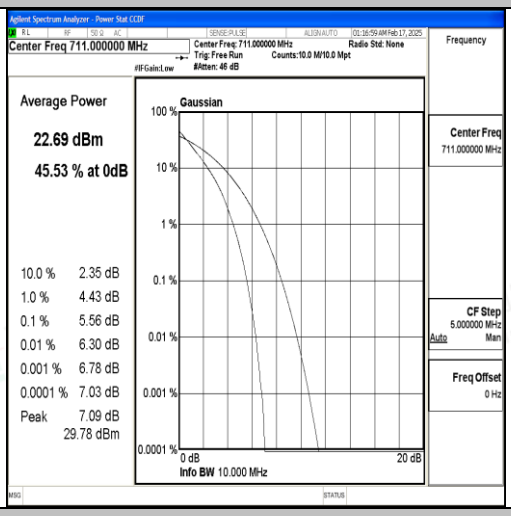


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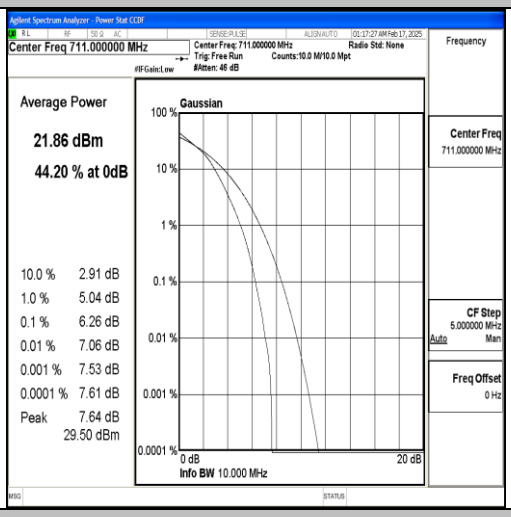


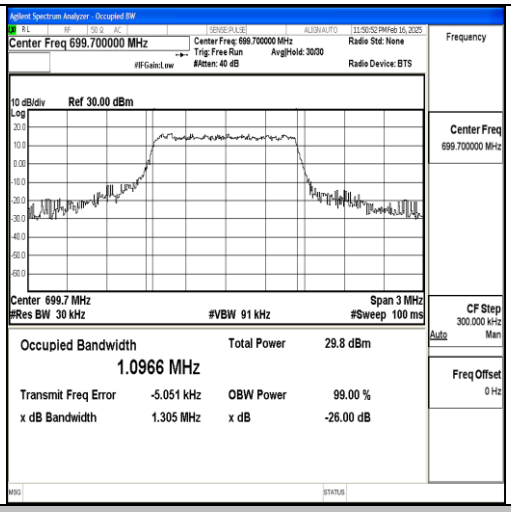

Band12-10MHz-16QAM-23130-50RB#0-PASS

# F.3 26dB Bandwidth and Occupied Bandwidth

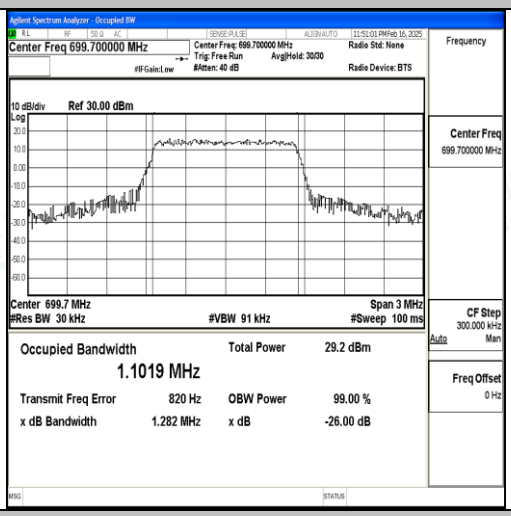
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|---|---|---|---|---|---|---|---|
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 1.0966 | 1.305 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 1.1019 | 1.282 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 1.0966 | 1.289 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 1.1074 | 1.284 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 1.0958 | 1.295 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 1.1082 | 1.368 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 2.7693 | 3.467 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 2.7473 | 3.269 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 2.7775 | 3.461 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 2.7648 | 3.220 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 2.7790 | 3.424 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 2.7395 | 3.291 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 4.5254 | 5.333 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 4.5162 | 5.228 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 4.5207 | 5.285 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 4.5212 | 5.155 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 4.5219 | 5.232 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 4.5180 | 5.224 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 8.9919 | 10.05 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 8.9837 | 9.965 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 9.0003 | 10.05 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 8.9992 | 10.06 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 8.9838 | 10.12 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 8.9754 | 9.947 | PASS |

## Test Graphs




Band12-1.4MHz-QPSK-23017-6RB#0-PASS

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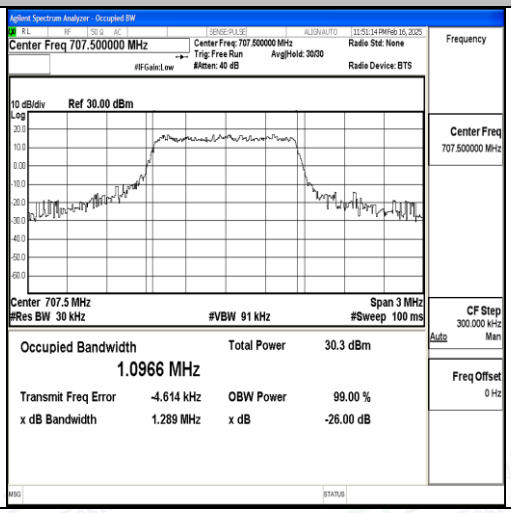
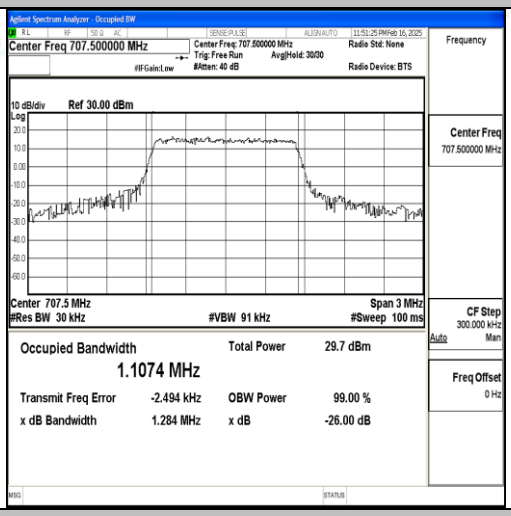


Band12-1.4MHz-QPSK-23095-6RB#0-PASS

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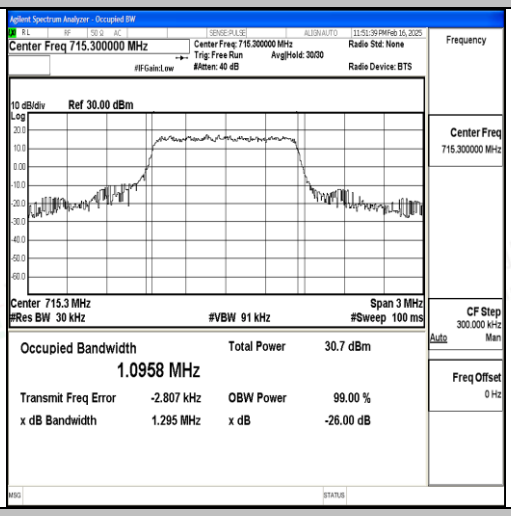
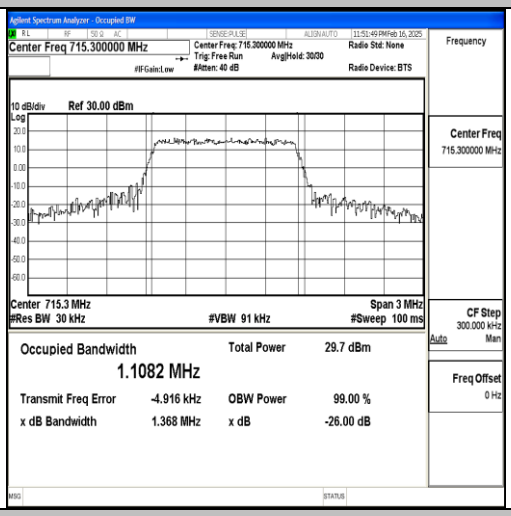
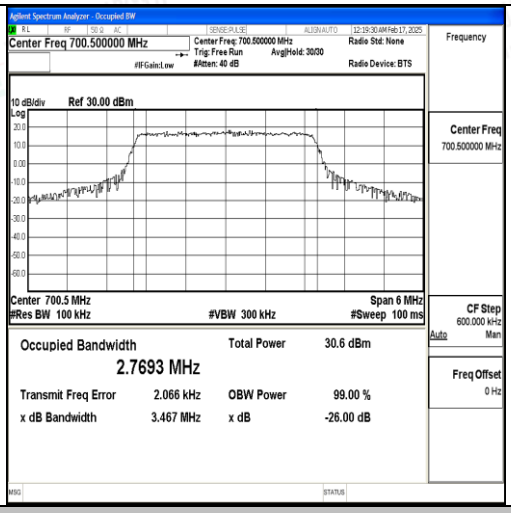



Band12-1.4MHz-QPSK-23173-6RB#0-PASS




Band12-1.4MHz-16QAM-23173-6RB#0-PASS

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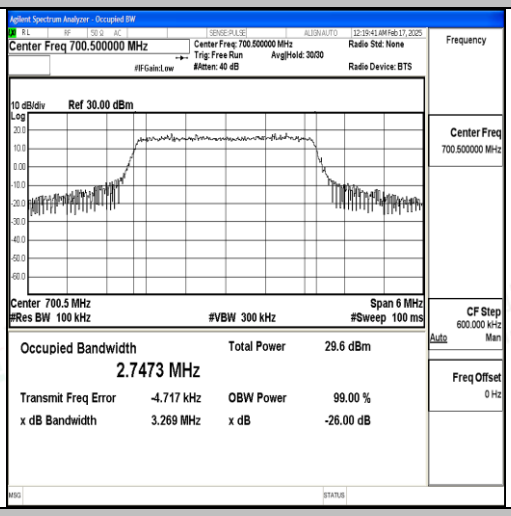


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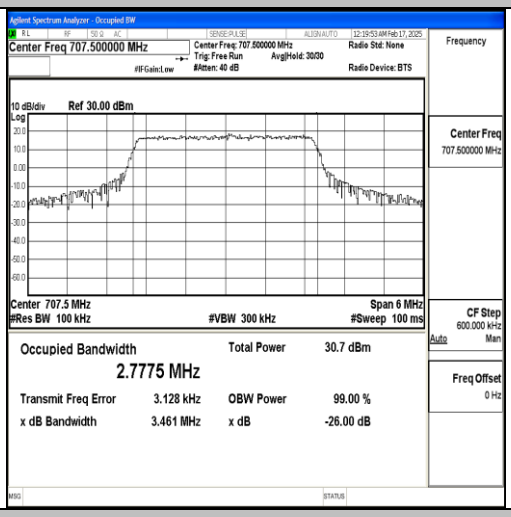


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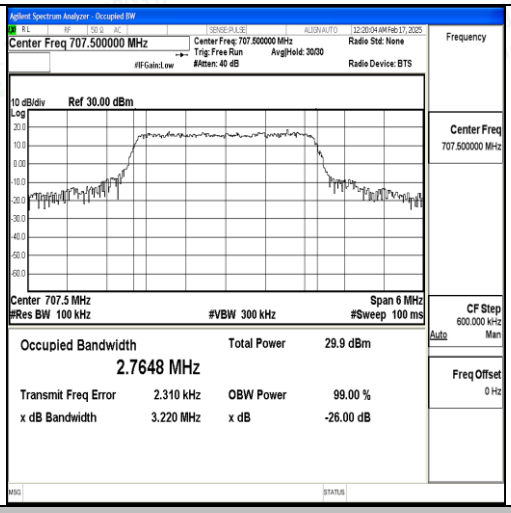


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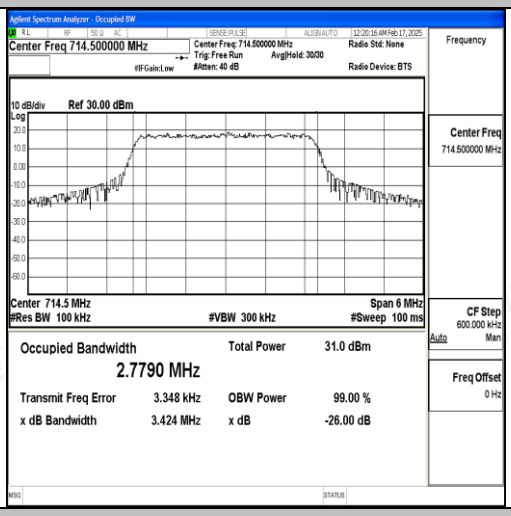


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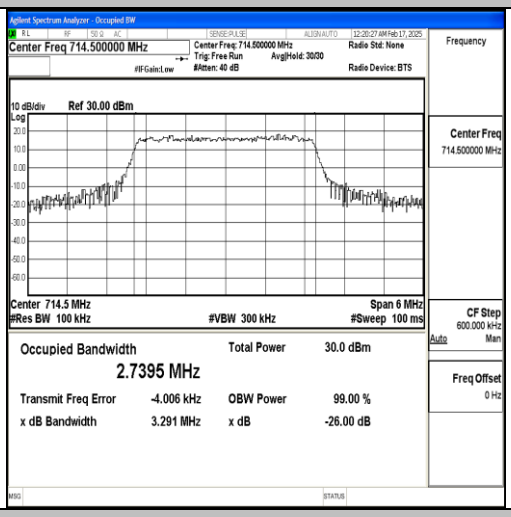


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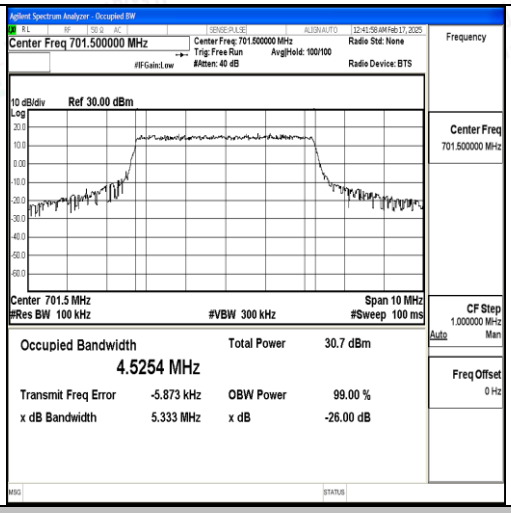


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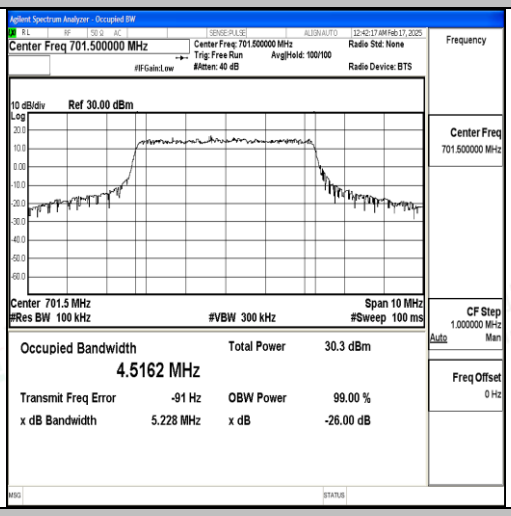


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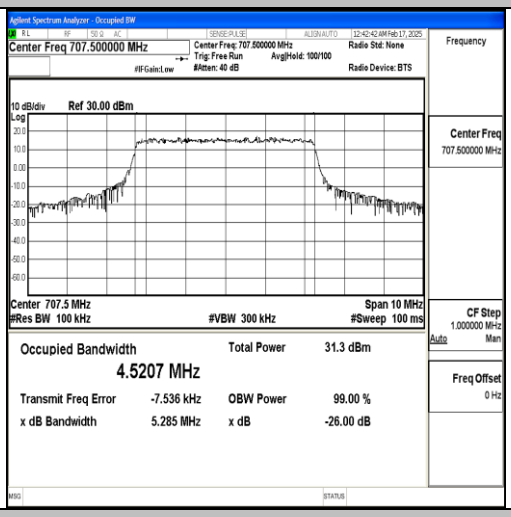


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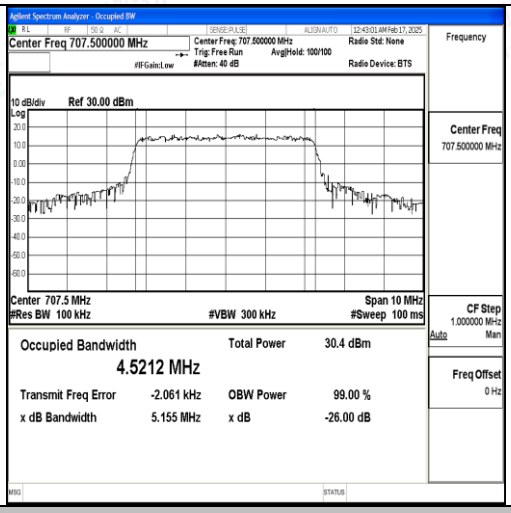


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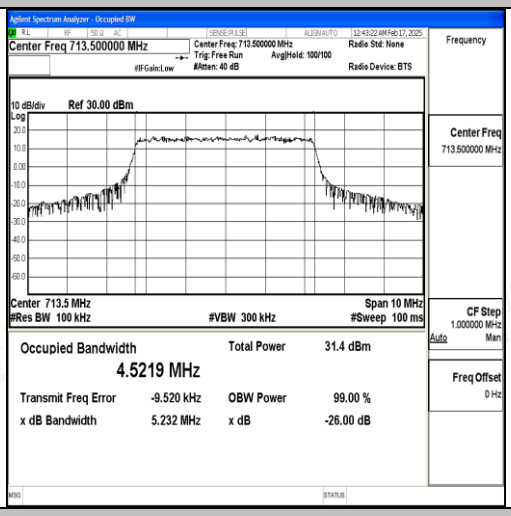


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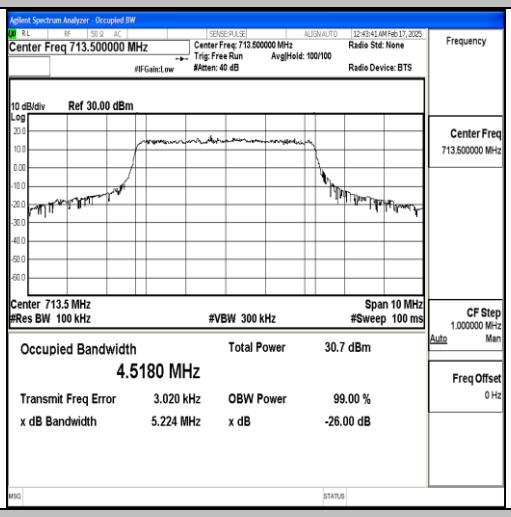


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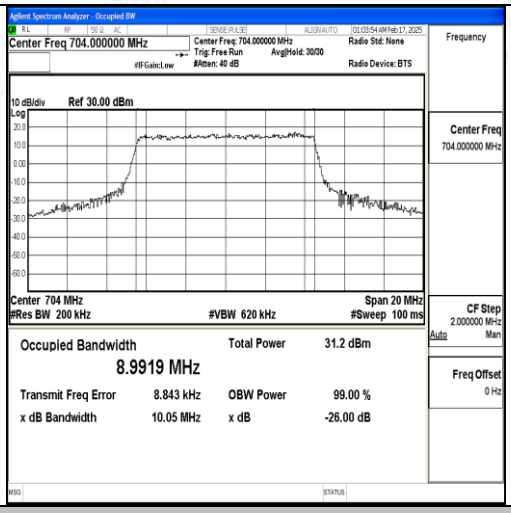


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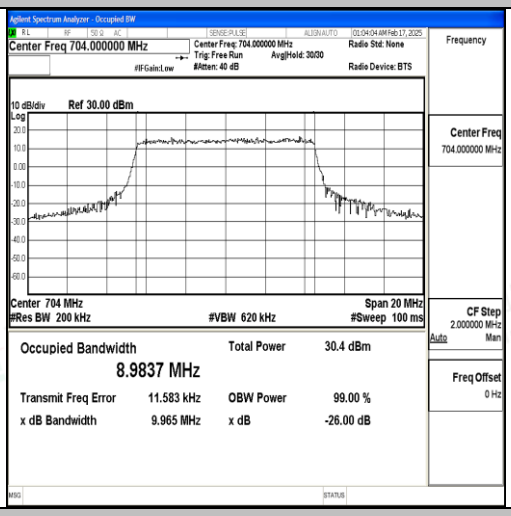


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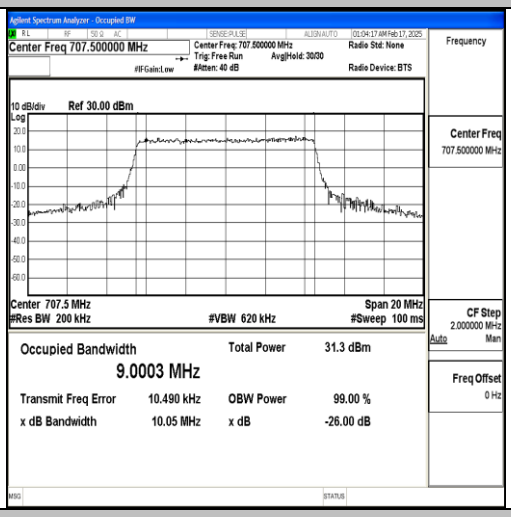


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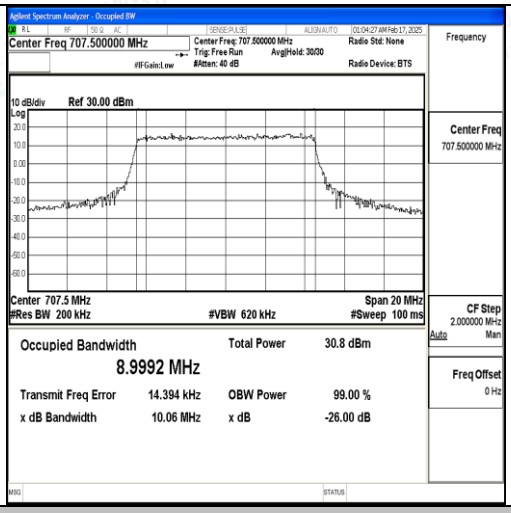
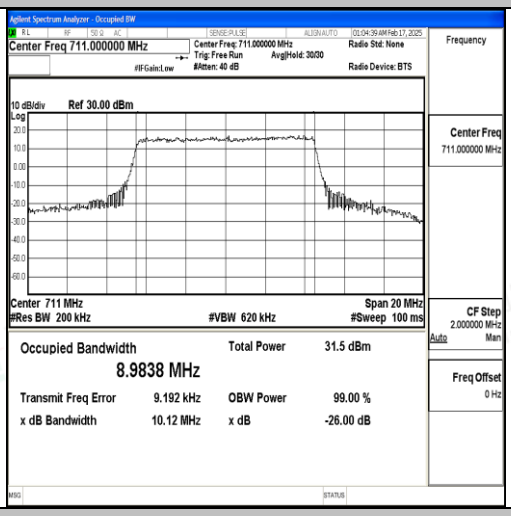
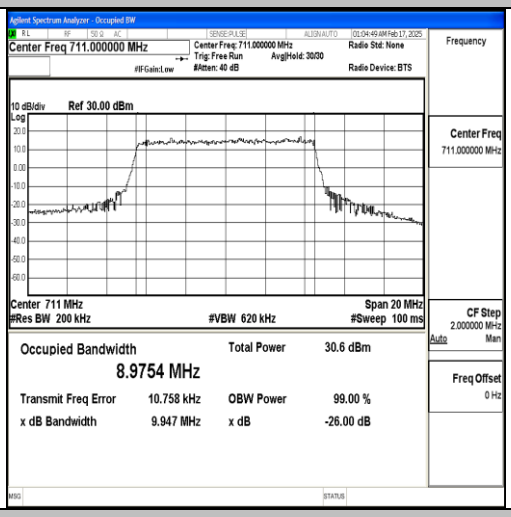



Band12-10MHz-16QAM-23095-50RB#0-PASS




Band12-10MHz-QPSK-23130-50RB#0-PASS



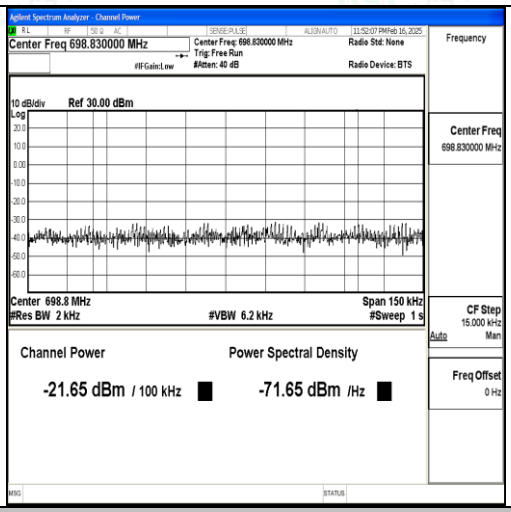

Band12-10MHz-16QAM-23130-50RB#0-PASS

# F.4 Band Edge

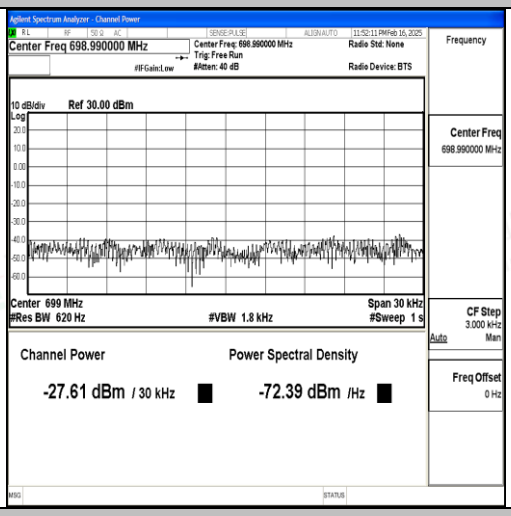
## Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Peak Frenquency | Result(dBm) | Verdict |
|---|---|---|---|---|---|---|---|
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 698.83 | -21.65 | PASS_Final1 |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 698.99 | -27.61 | PASS_Final2 |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 698.84 | -22.57 | PASS_Final1 |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 698.76 | -24.12 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 698.89 | -21.09 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 698.99 | -28.85 | PASS_Final2 |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 716.20 | -22.95 | PASS_Final1 |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 716.15 | -22.04 | PASS_Final2 |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 716.15 | -24.64 | PASS_Final1 |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 698.99 | -23.86 | PASS_Final1 |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 716.34 | -23.53 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 716.28 | -23.57 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 699.00 | -18.87 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 698.99 | -23.70 | PASS_Final2 |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 698.85 | -25.63 | PASS_Final1 |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 716.15 | -25.06 | PASS_Final2 |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 716.15 | -26.09 | PASS_Final1 |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 716.02 | -25.60 | PASS_Final1 |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 699.00 | -19.30 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 716.00 | -17.13 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 716.00 | -19.54 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 716.15 | -27.62 | PASS_Final1 |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 698.79 | -25.97 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 698.72 | -28.09 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 716.16 | -26.56 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 716.18 | -26.68 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 698.98 | -22.55 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 698.45 | -26.17 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 716.01 | -21.85 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 716.12 | -25.95 | PASS |

## Test Graphs




Band12_1.4MHz_QPSK_23017_6RB#0_Final1

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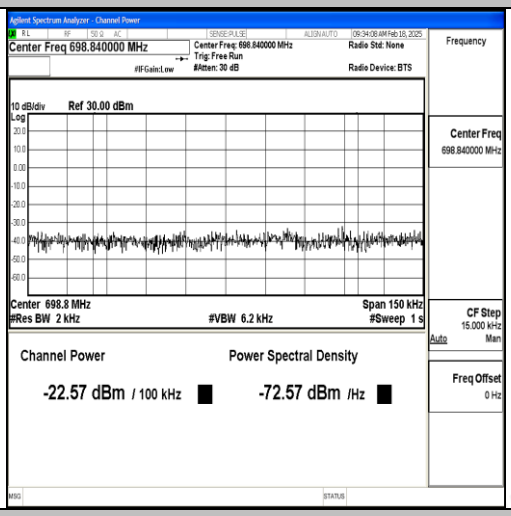
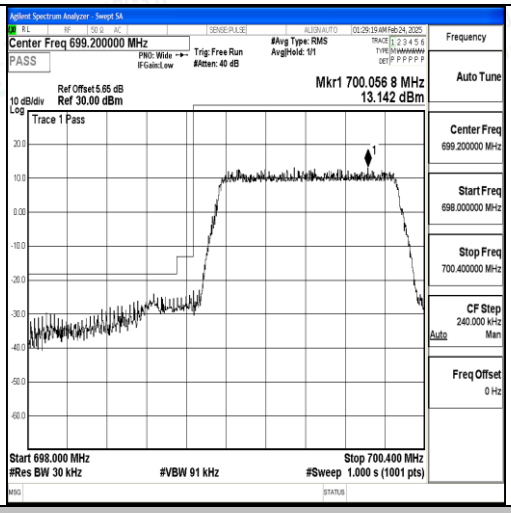
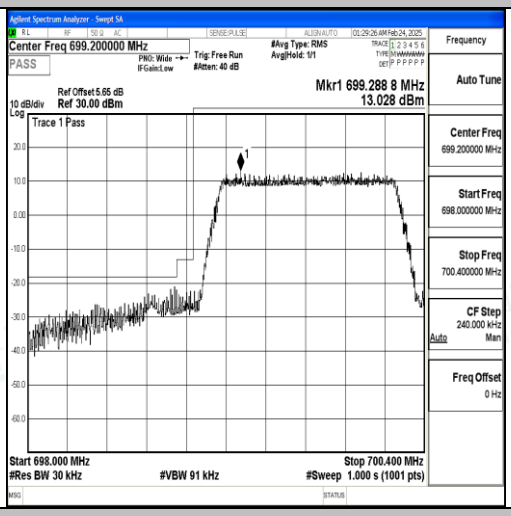


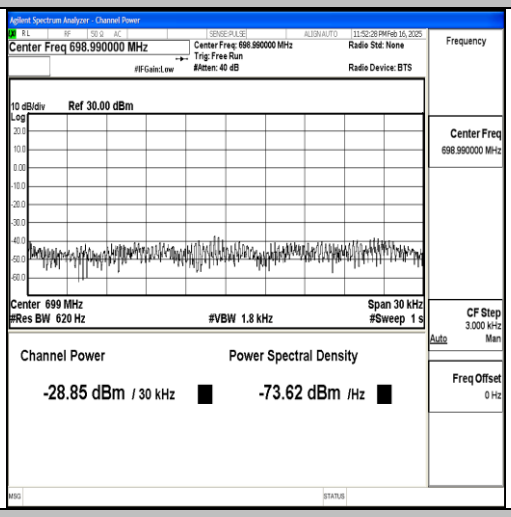

Band12_1.4MHz_16QAM_23017_6RB#0_Final1



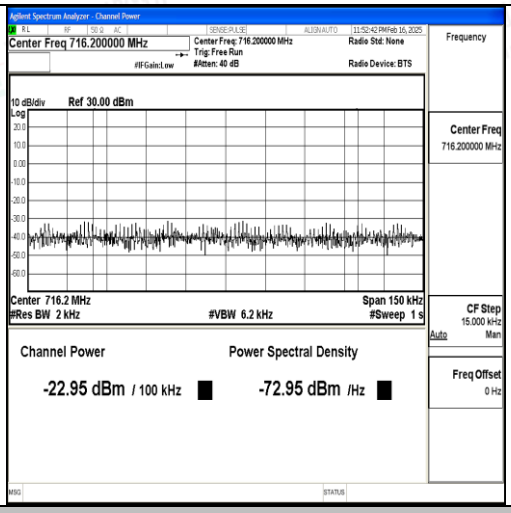

Band12_1.4MHz_QPSK_23017_6RB#0




Band12_1.4MHz_16QAM_23017_6RB#0




Band12_1.4MHz_16QAM_23017_6RB#0_Final2

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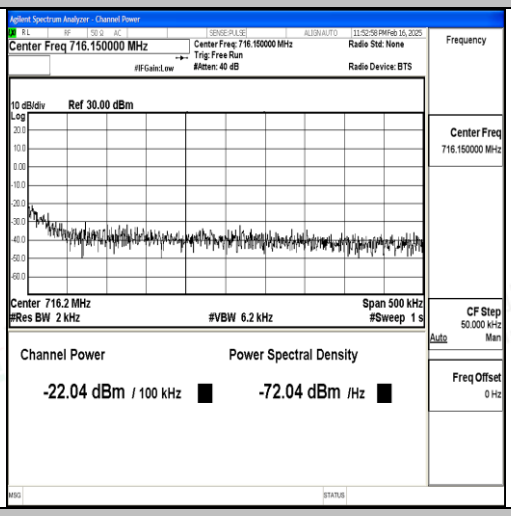


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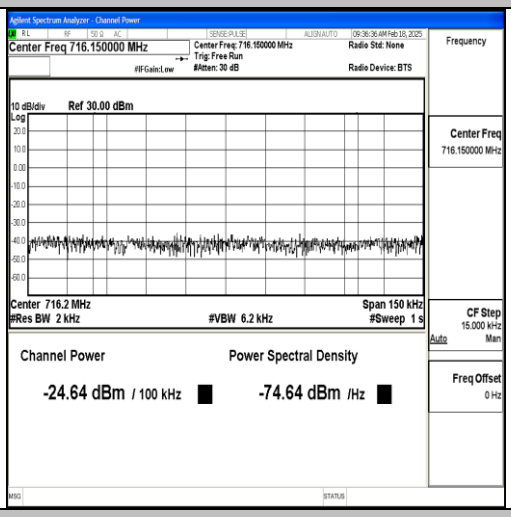
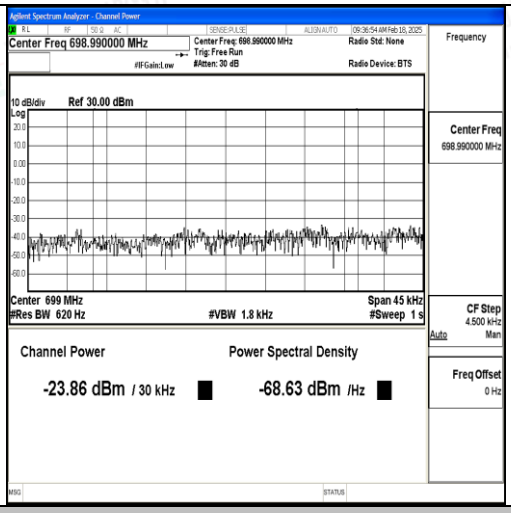
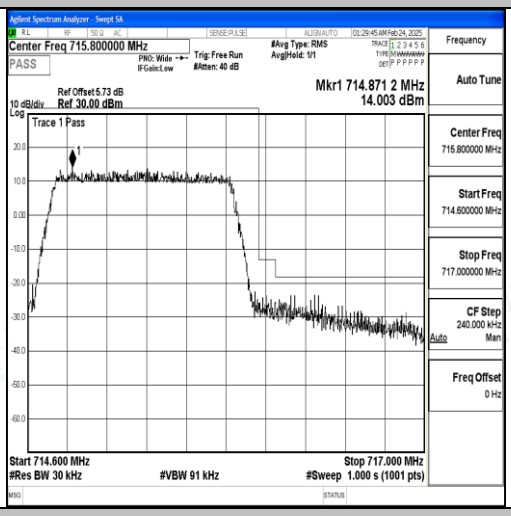



Band12_1.4MHz_16QAM_23173_6RB#0_Final1




Band12_3MHz_QPSK_23025_15RB#0_Final1

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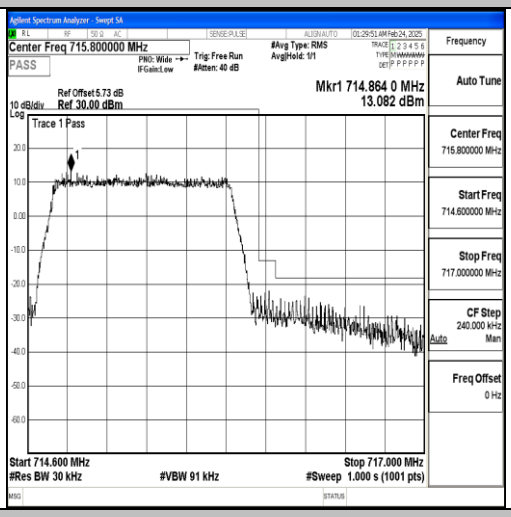
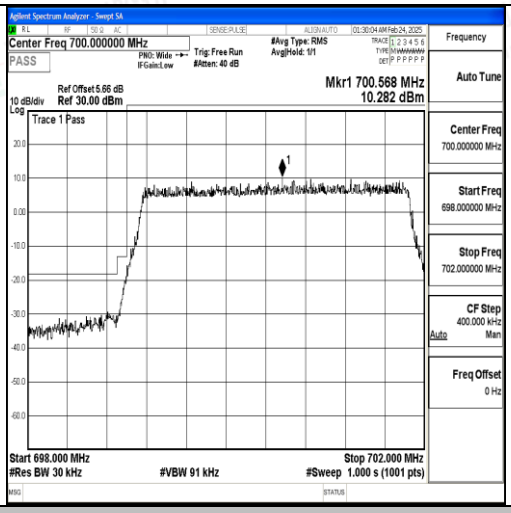
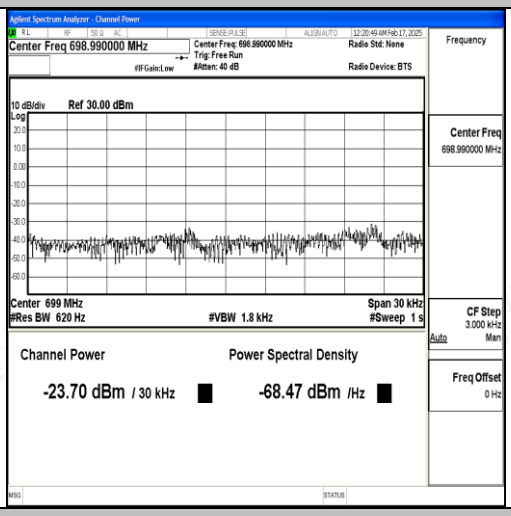


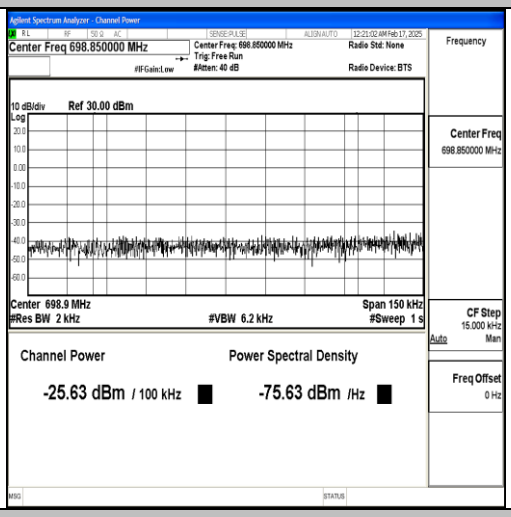

Band12_1.4MHz_16QAM_23173_6RB#0



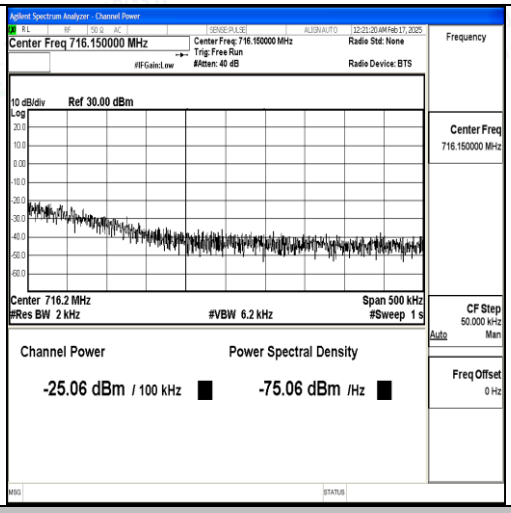

Band12_3MHz_QPSK_23025_15RB#0



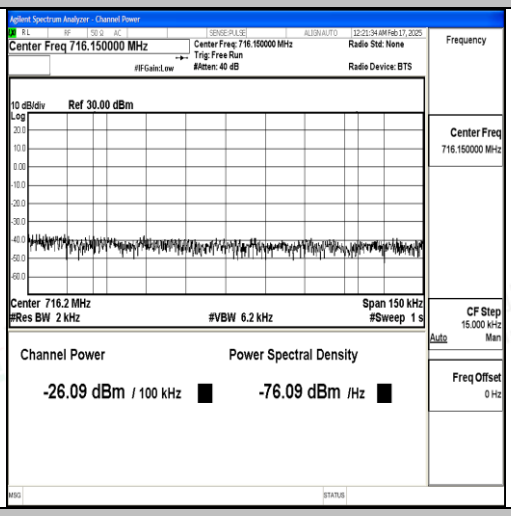

Band12_3MHz_QPSK_23025_15RB#0_Final2



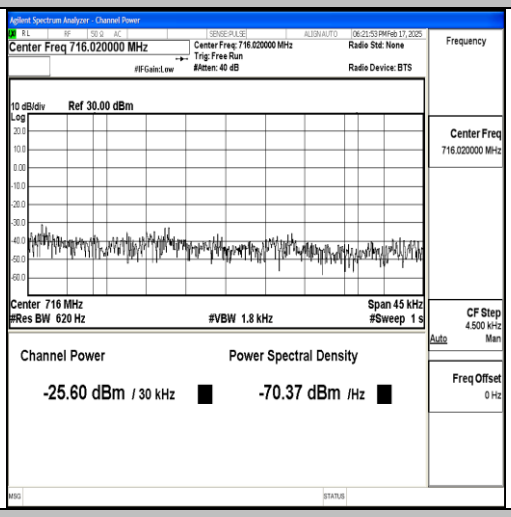

Band12_3MHz_16QAM_23025_15RB#0_Final1




Band12_3MHz_QPSK_23165_15RB#0_Final2




Band12_3MHz_16QAM_23165_15RB#0_Final1

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