

# FCC LTE Band Test Data

**FCC ID** : **2BL6S-MA9108**

**Company:** : **Sieva Networks**

**EUT** : **4G Dash Camera**

**Model Number** : **MA9108**

**Reviewed By** : **Eric Wang**

## Appendix A: Conducted Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 23.21       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#2            | 23.09       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 23.07       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#0            | 23.02       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#1            | 22.99       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#3            | 22.93       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 22.89       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 23.10       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#2            | 23.04       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 23.11       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#0            | 22.90       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#1            | 22.87       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#3            | 22.93       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 22.00       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 22.28       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#2            | 21.99       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 22.03       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#0            | 21.77       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#1            | 21.73       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#3            | 21.73       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 20.73       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 23.16       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#2            | 23.05       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | 23.06       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#0            | 22.98       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#1            | 22.96       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#3            | 22.91       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 22.87       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 22.00       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#2            | 22.13       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#5            | 22.08       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#0            | 21.80       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#1            | 21.77       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#3            | 21.82       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 21.14       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 21.10       | PASS    |

|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#2  | 21.00 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 1RB#5  | 20.91 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#0  | 20.55 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#1  | 20.51 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 20.60 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 19.92 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 22.93 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 22.48 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 21.91 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 21.68 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 21.74 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 21.25 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 21.44 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 22.78 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 22.98 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 23.20 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 21.75 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 21.76 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#7  | 22.09 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 21.99 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 22.48 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#8  | 21.89 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 21.91 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#0  | 20.86 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#4  | 20.92 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#7  | 20.81 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 20.82 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 21.94 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#8  | 21.47 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#14 | 20.93 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#0  | 20.90 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#4  | 20.91 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#7  | 20.48 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | 20.70 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#0  | 21.53 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#8  | 21.87 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#14 | 22.14 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#0  | 21.00 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#4  | 21.00 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#7  | 21.30 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | 21.02 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#0  | 21.25 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#8  | 20.88 | PASS |

|        |      |       |       |         |       |      |
|--------|------|-------|-------|---------|-------|------|
| Band12 | 3MHz | 16QAM | 23165 | 1RB#14  | 20.88 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#0   | 20.12 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#4   | 20.14 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 8RB#7   | 20.01 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0  | 20.06 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#0   | 23.75 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#12  | 24.05 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 1RB#24  | 23.79 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#0  | 23.03 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#6  | 23.03 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 12RB#13 | 22.96 | PASS |
| Band12 | 5MHz | QPSK  | 23035 | 25RB#0  | 22.93 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#0   | 24.23 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#12  | 24.32 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 1RB#24  | 24.10 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#0  | 23.27 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#6  | 23.29 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 12RB#13 | 23.14 | PASS |
| Band12 | 5MHz | QPSK  | 23095 | 25RB#0  | 23.18 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#0   | 24.08 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#12  | 24.39 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 1RB#24  | 23.99 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#0  | 23.29 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#6  | 23.29 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 12RB#13 | 23.22 | PASS |
| Band12 | 5MHz | QPSK  | 23155 | 25RB#0  | 23.23 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#0   | 23.03 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#12  | 23.06 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 1RB#24  | 22.44 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#0  | 21.65 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#6  | 22.13 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 12RB#13 | 21.64 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0  | 21.94 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#0   | 22.98 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#12  | 22.97 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 1RB#24  | 22.92 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#0  | 22.35 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#6  | 22.36 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 12RB#13 | 22.31 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0  | 22.16 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#0   | 23.39 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#12  | 23.84 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 1RB#24  | 22.97 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 22.28 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 22.28 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 22.24 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 22.44 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 23.91 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 24.11 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 23.87 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 23.03 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 23.05 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 23.26 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 23.12 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 23.84 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 24.51 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 23.98 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 23.23 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 23.25 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 23.16 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 23.19 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 24.16 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 24.08 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 23.90 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 23.30 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 23.29 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 23.18 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 23.26 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 22.66 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 23.29 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 23.04 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 22.01 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 22.01 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 22.33 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 22.67 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 23.53 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 23.29 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 22.35 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 22.36 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 22.28 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 23.29 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 23.52 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 23.06 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 22.16 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 22.17 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 22.18 | PASS |

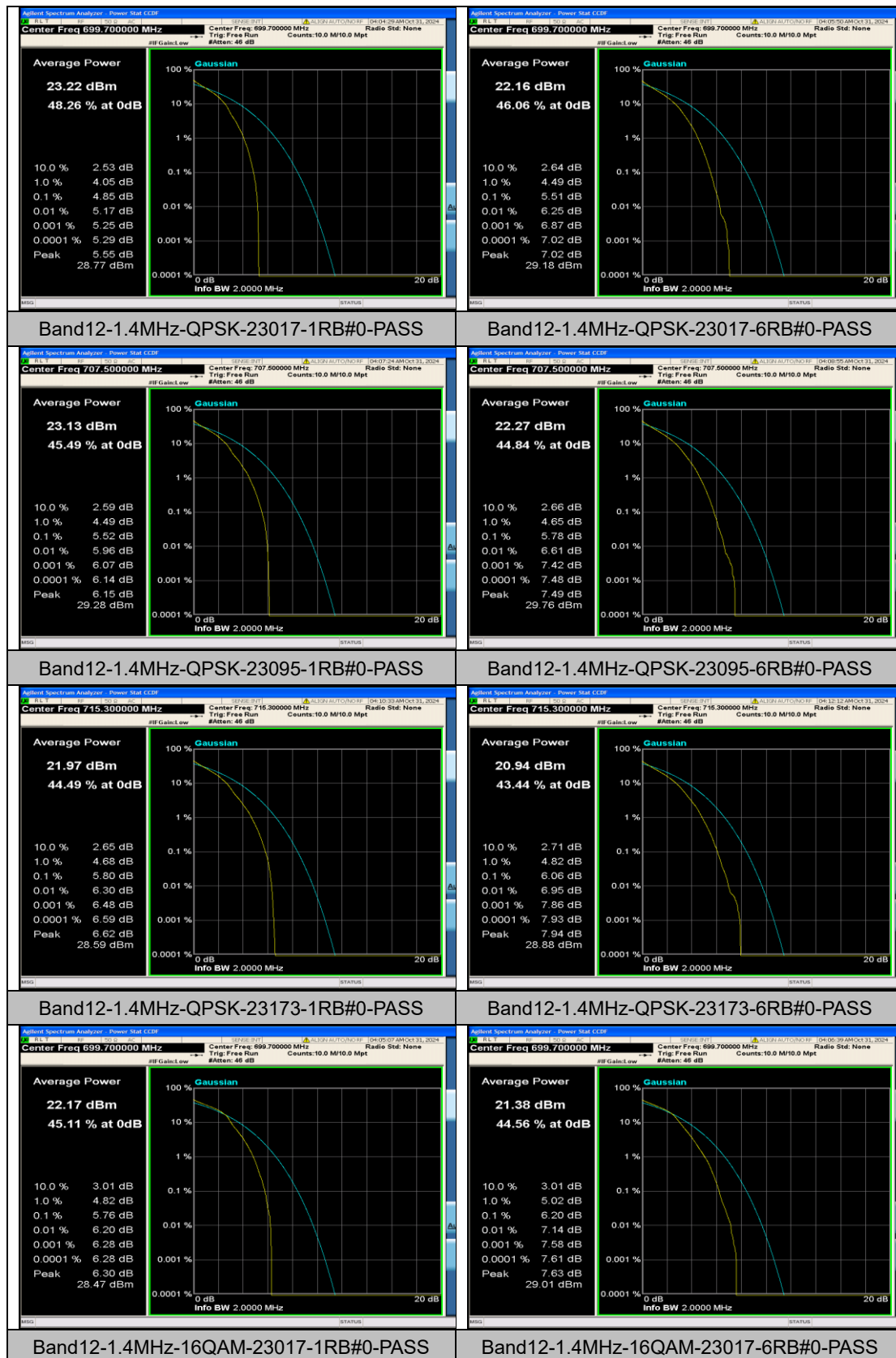
## Appendix B: Peak-to-Average Ratio(CCDF)

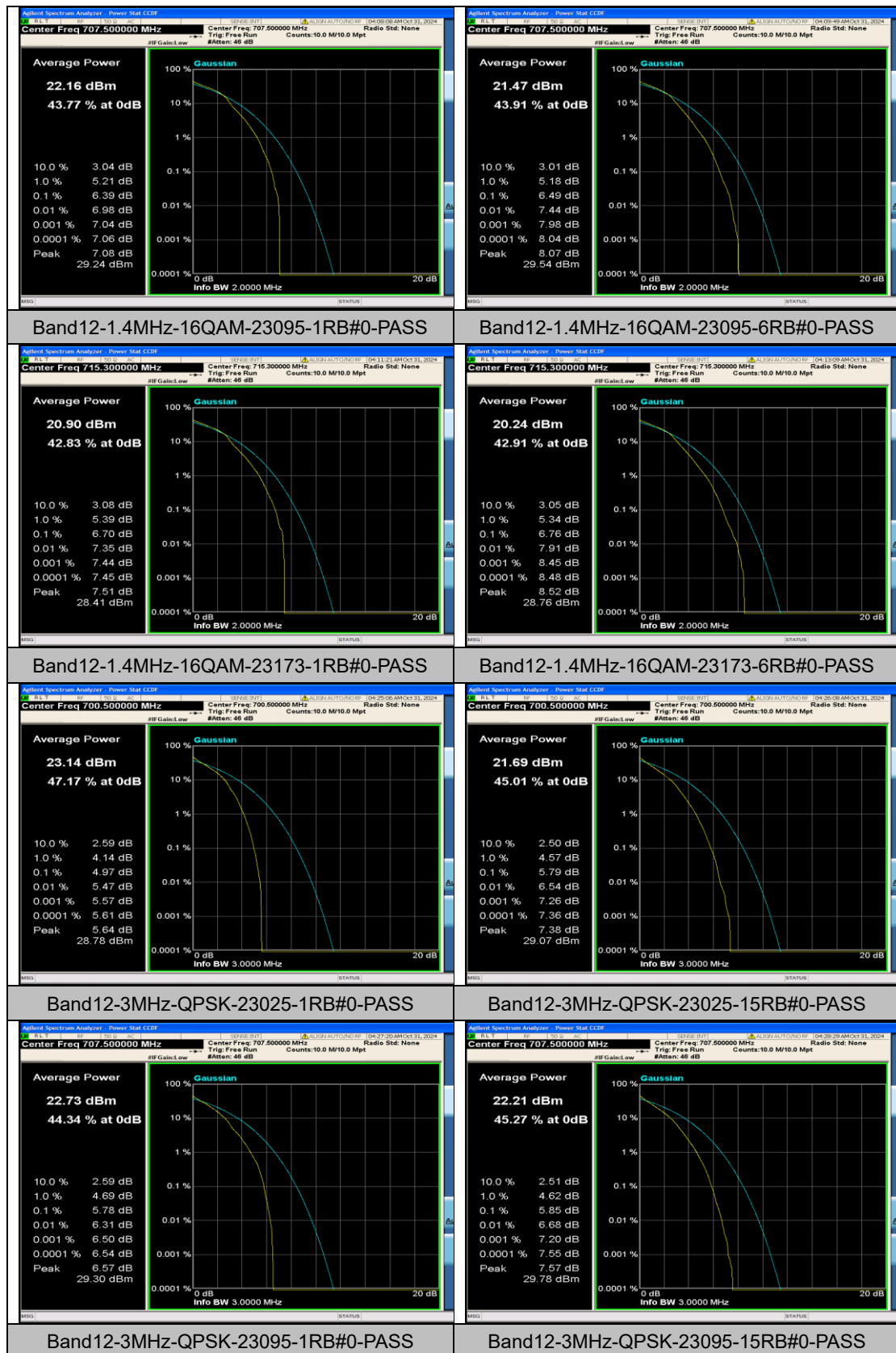
### Test Result

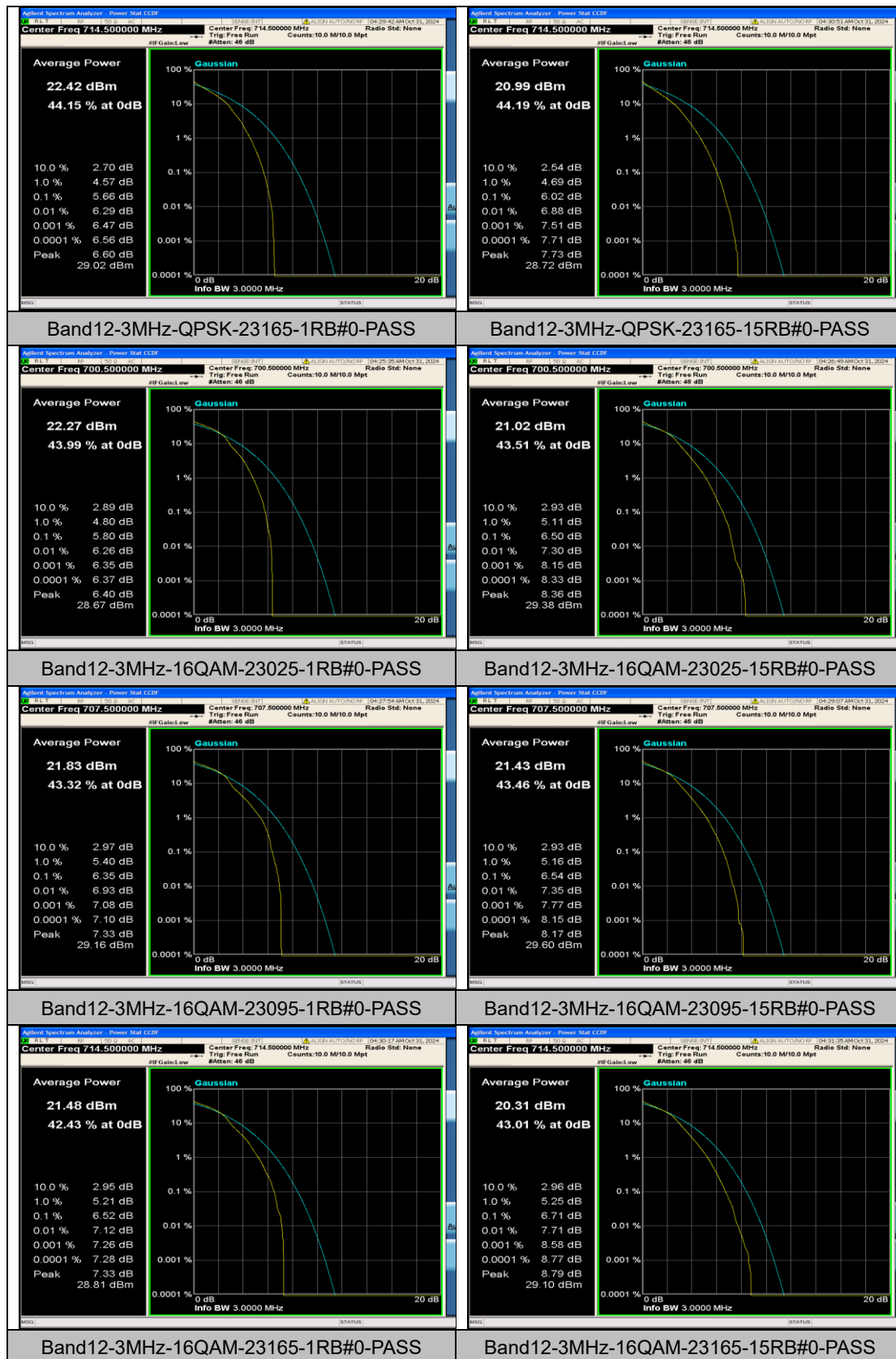
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 4.85       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 5.51       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 5.52       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 5.78       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 5.80       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 6.06       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 5.76       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 6.20       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 6.39       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 6.49       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 6.70       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 6.76       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 4.97       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 5.79       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 5.78       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 5.85       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 5.66       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 6.02       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 5.80       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 6.50       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 1RB#0            | 6.35       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 6.54       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#0            | 6.52       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 6.71       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 3.27       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.73       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 3.52       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.79       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 3.49       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.63       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | 4.01       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 5.58       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 1RB#0            | 4.46       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 5.66       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#0            | 4.55       | 13        | PASS    |

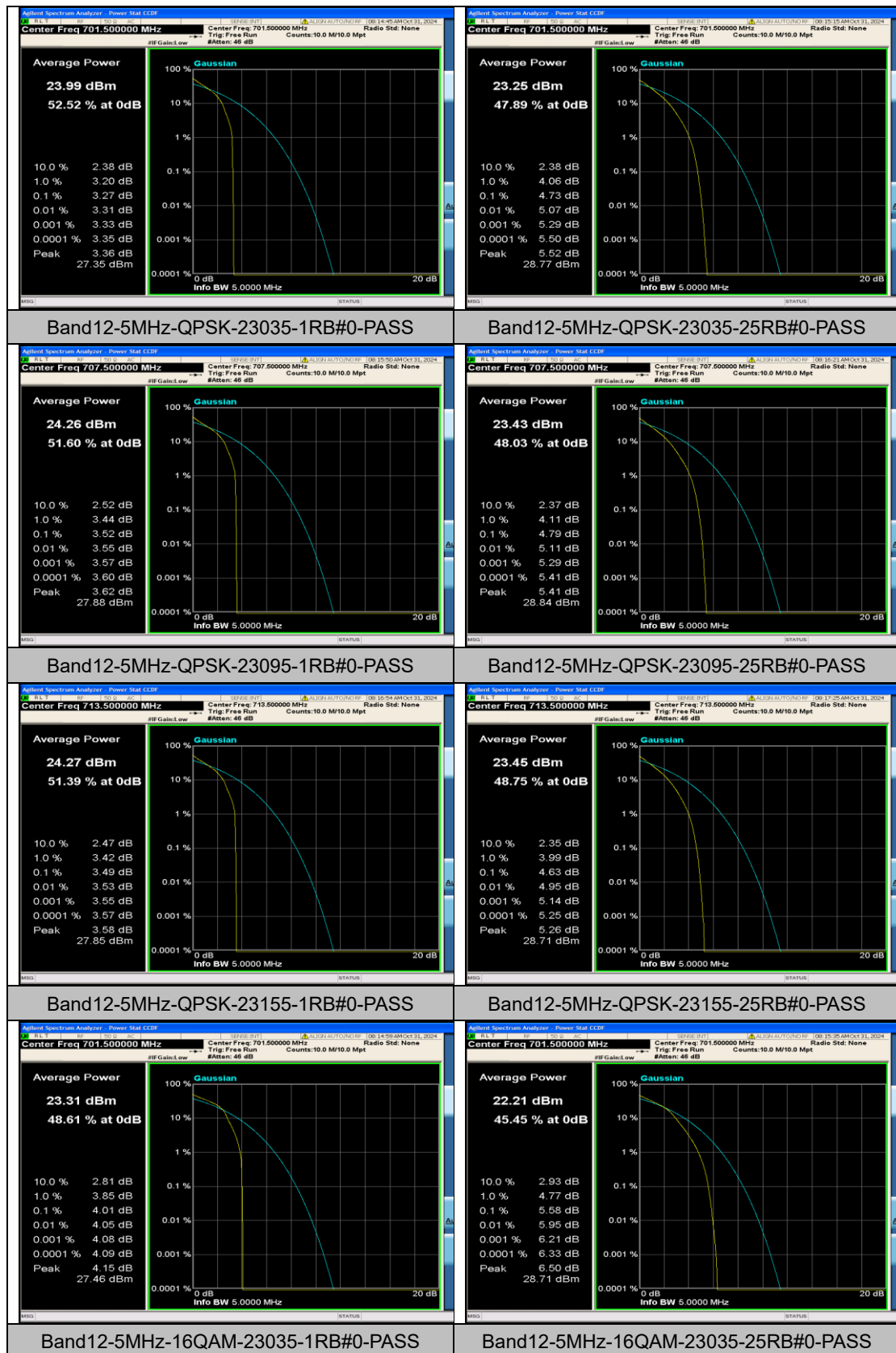
|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0 | 5.51 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | 3.23 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | 4.70 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0  | 3.49 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 4.74 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 3.54 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 4.72 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 4.12 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 4.30 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 4.38 | 13 | PASS |

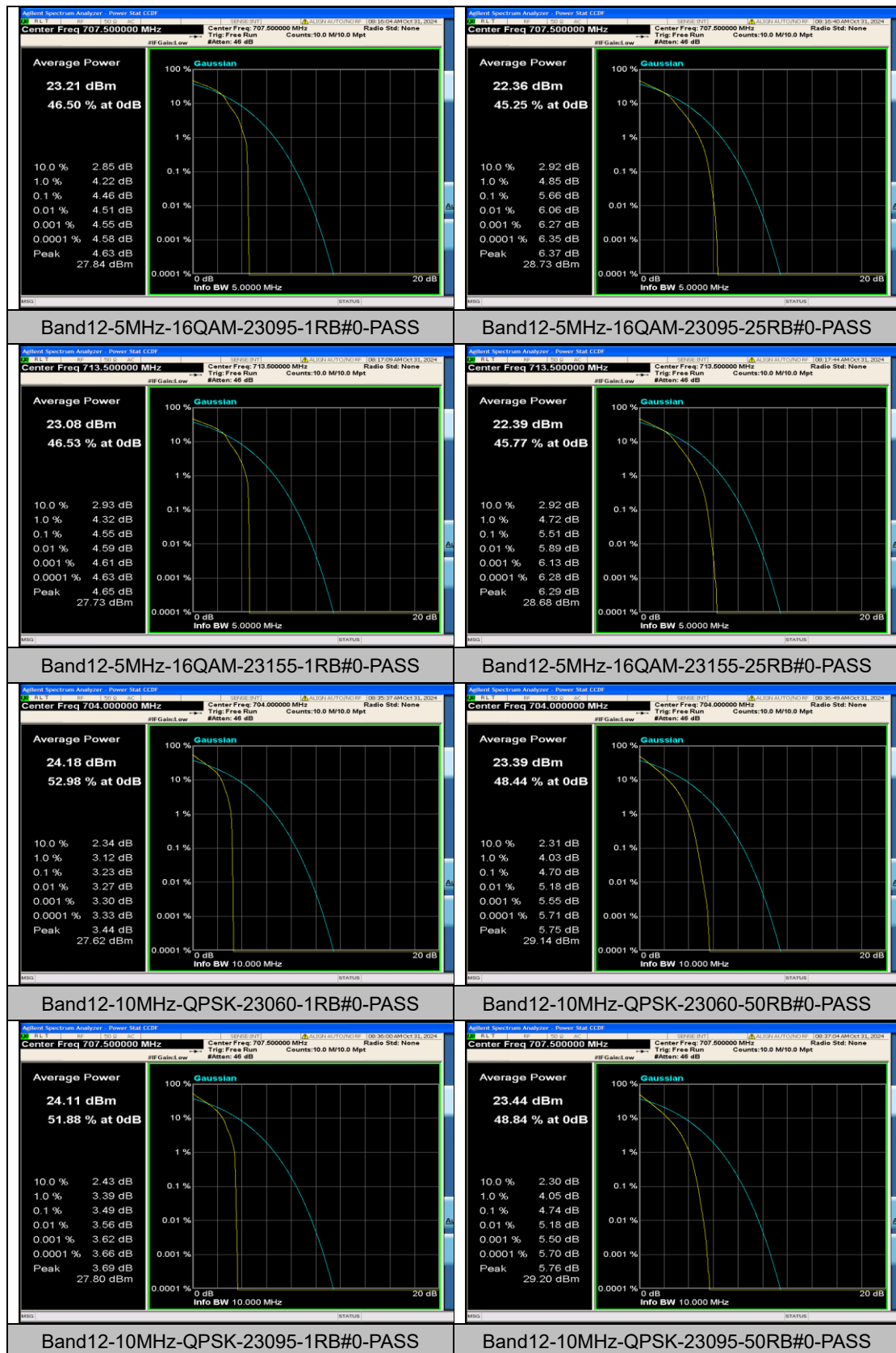
## Test Graphs

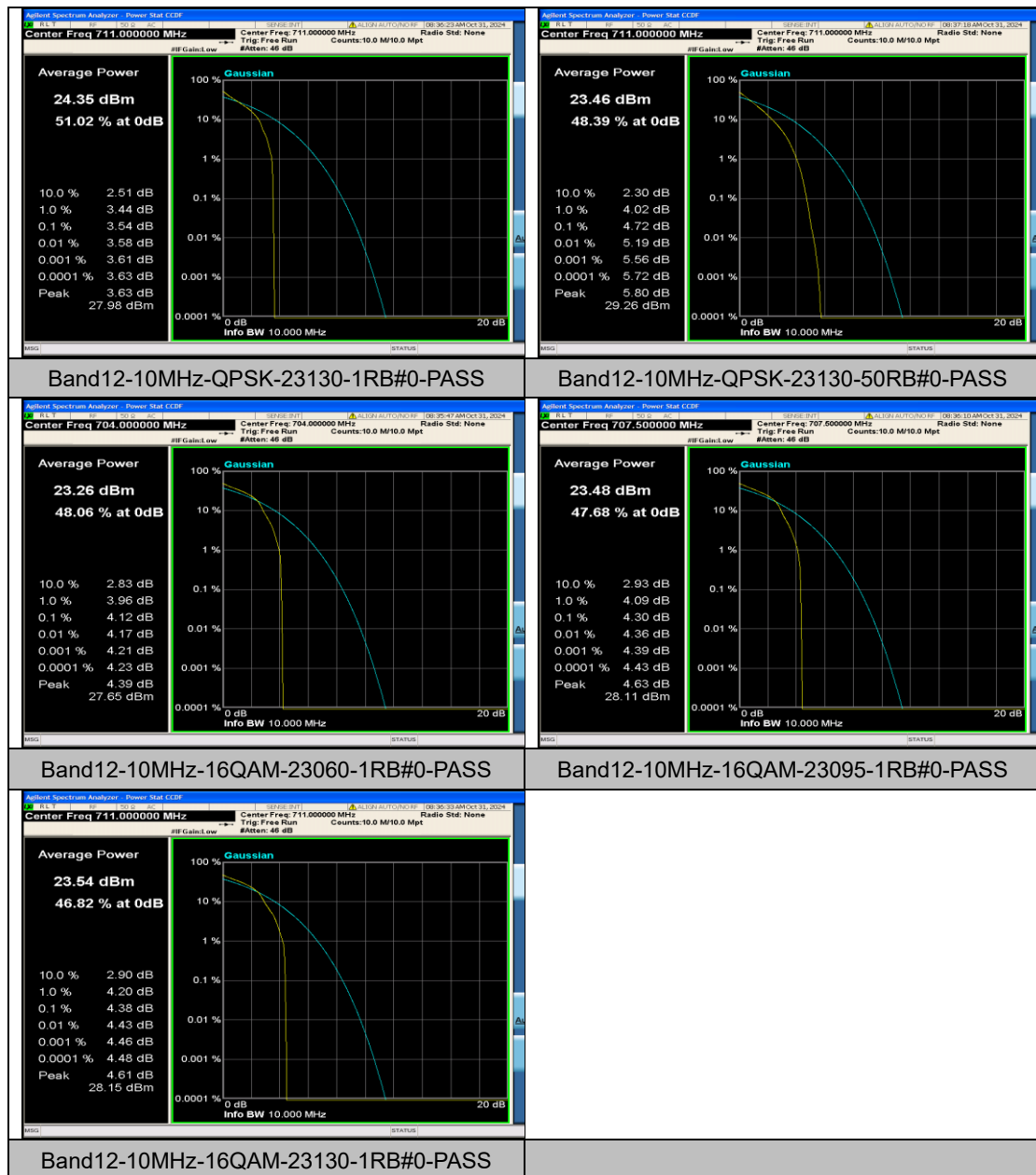










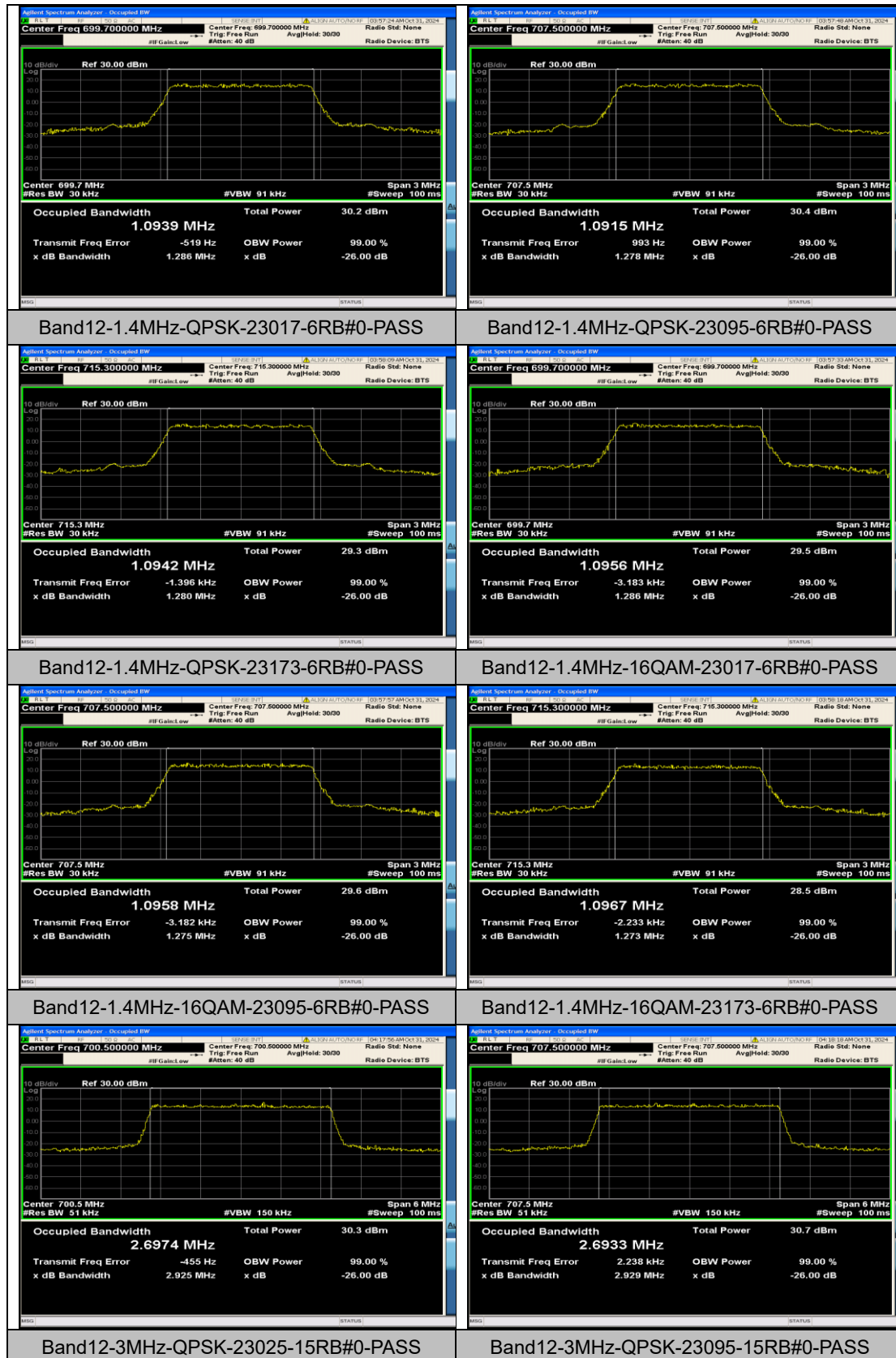


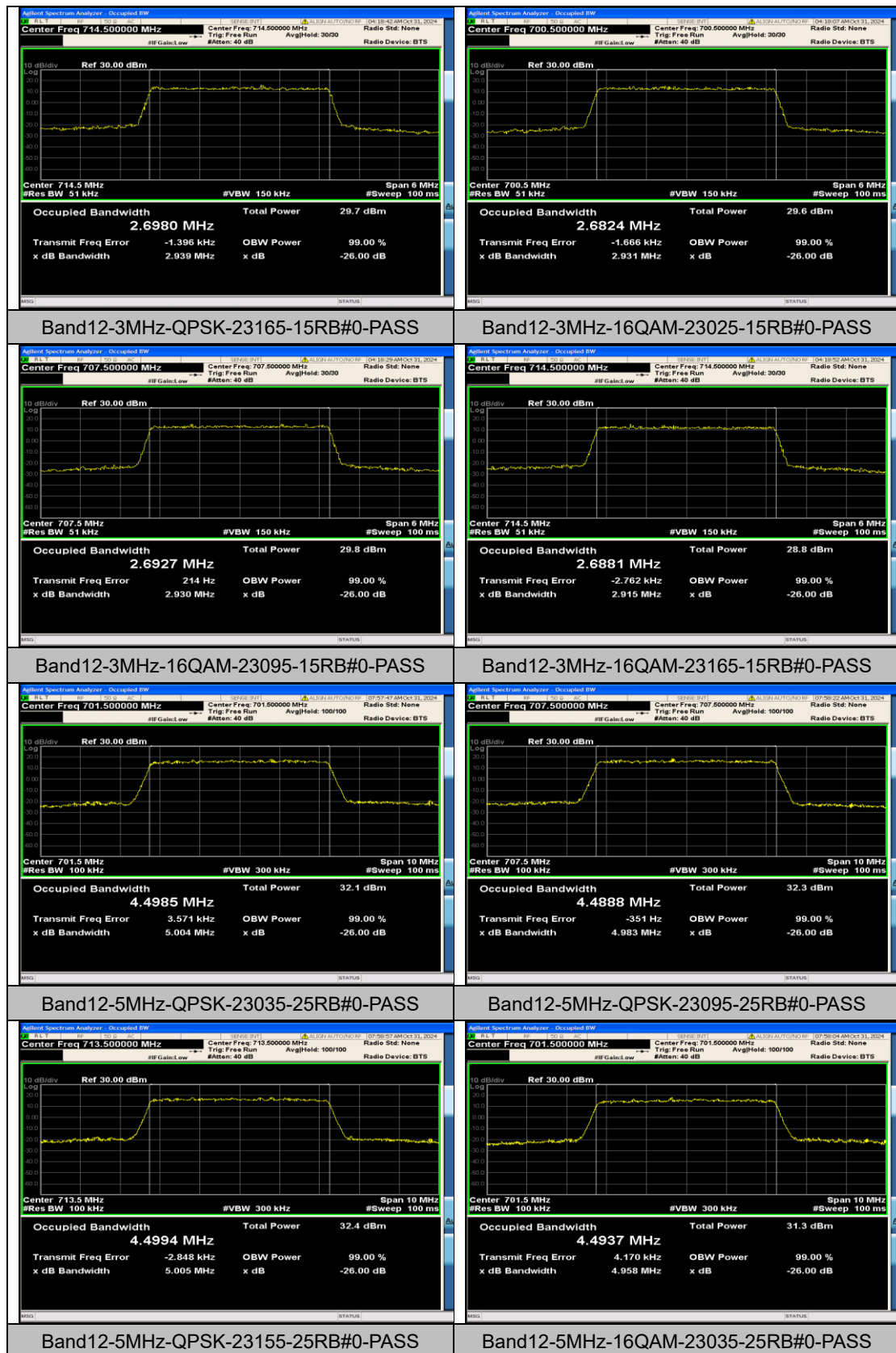
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

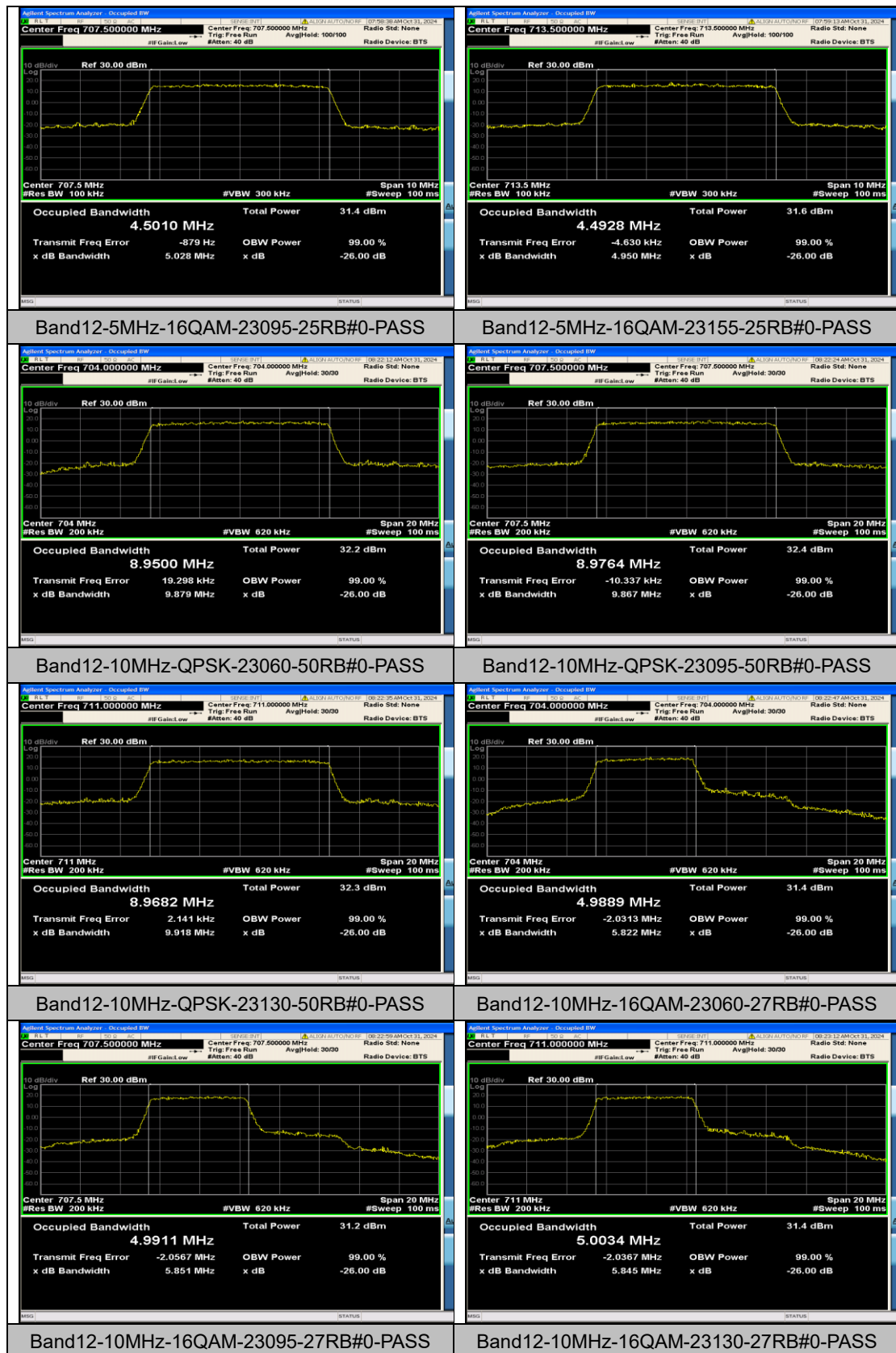
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1.0939                   | 1.286                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1.0915                   | 1.278                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 1.0942                   | 1.280                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 1.0956                   | 1.286                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 1.0958                   | 1.275                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 1.0967                   | 1.273                | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 2.6974                   | 2.925                | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 2.6933                   | 2.929                | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 2.6980                   | 2.939                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 2.6824                   | 2.931                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 2.6927                   | 2.930                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 2.6881                   | 2.915                | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.4985                   | 5.004                | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.4888                   | 4.983                | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.4994                   | 5.005                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 4.4937                   | 4.958                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 4.5010                   | 5.028                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 4.4928                   | 4.950                | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 8.9500                   | 9.879                | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 8.9764                   | 9.867                | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 8.9682                   | 9.918                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 27RB#0           | 4.9889                   | 5.822                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 27RB#0           | 4.9911                   | 5.851                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 27RB#0           | 5.0034                   | 5.845                | PASS    |

## Test Graphs







## Appendix D: Band Edge

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | -25.93      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | -26.44      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | -27.45      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | -26.30      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | -27.38      | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | -26.67      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | -27.62      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | -27.41      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | -27.52      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | -27.50      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | -27.92      | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | -27.51      | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | -23.64      | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#14           | -37.54      | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | -30.26      | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | -38.45      | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#14           | -23.62      | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | -29.85      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | -23.84      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#14           | -37.81      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | -31.17      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#0            | -38.36      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#14           | -25.17      | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | -31.08      | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | -26.82      | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#24           | -55.43      | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | -31.04      | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | -54.57      | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#24           | -23.78      | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | -30.85      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | -28.08      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#24           | -55.73      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | -31.88      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#0            | -55.34      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#24           | -26.24      | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | -32.82      | PASS    |

|        |       |       |       |        |        |      |
|--------|-------|-------|-------|--------|--------|------|
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0  | -41.10 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49 | -55.46 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0 | -34.61 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | -55.00 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49 | -39.38 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | -34.10 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | -41.47 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49 | -55.22 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | -54.95 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49 | -40.77 | PASS |

## Test Graphs

