

FCC LTE Band Test Data

FCC ID : 2BHYZ-X30PRO

Company: : Shenzhen Xin times chain technology Co., LTD

EUT : Tablet computer

Model Number : X30Pro

Reviewed By : Eric Wang

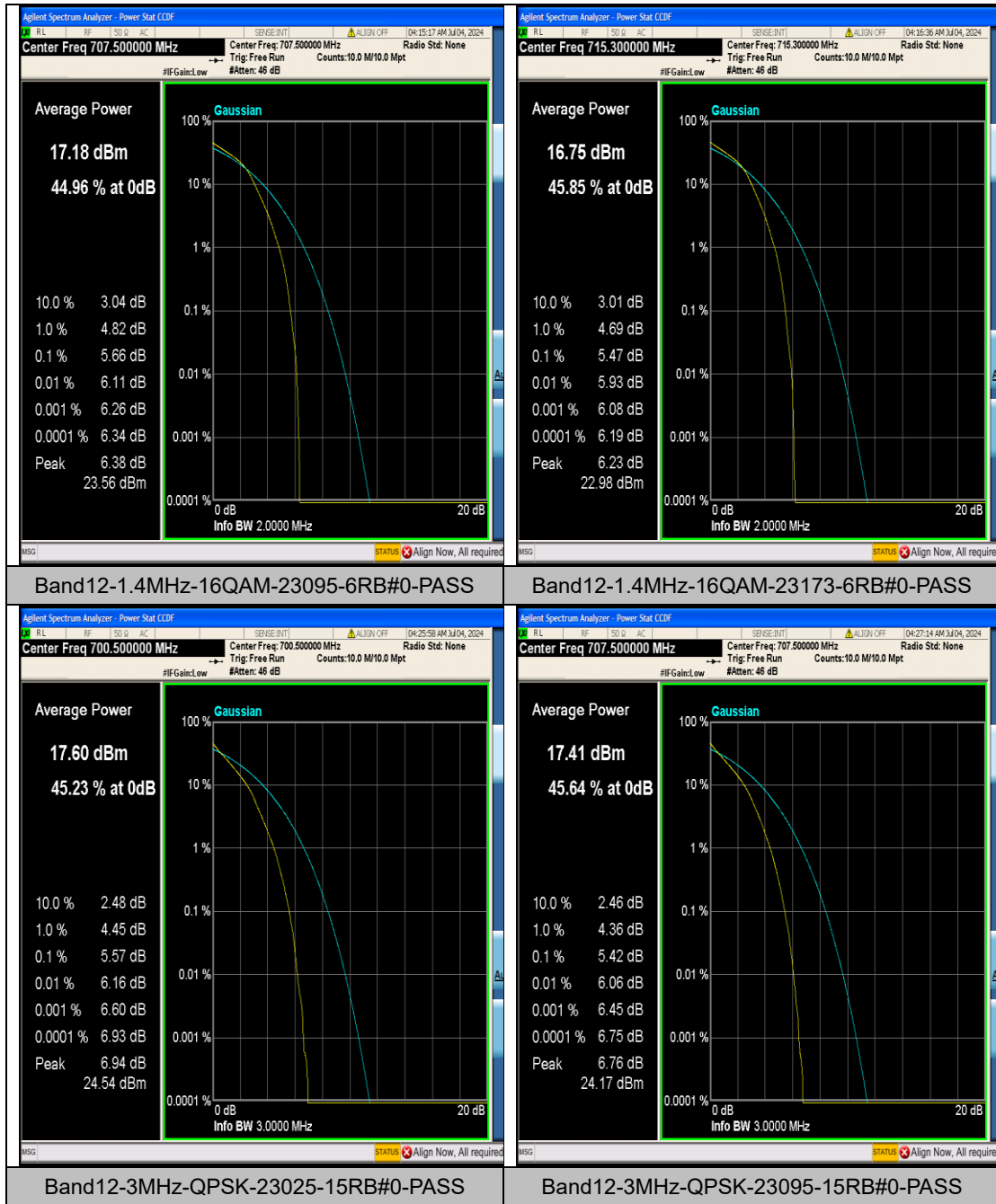
Appendix B: Peak-to-Average Ratio(CCDF)

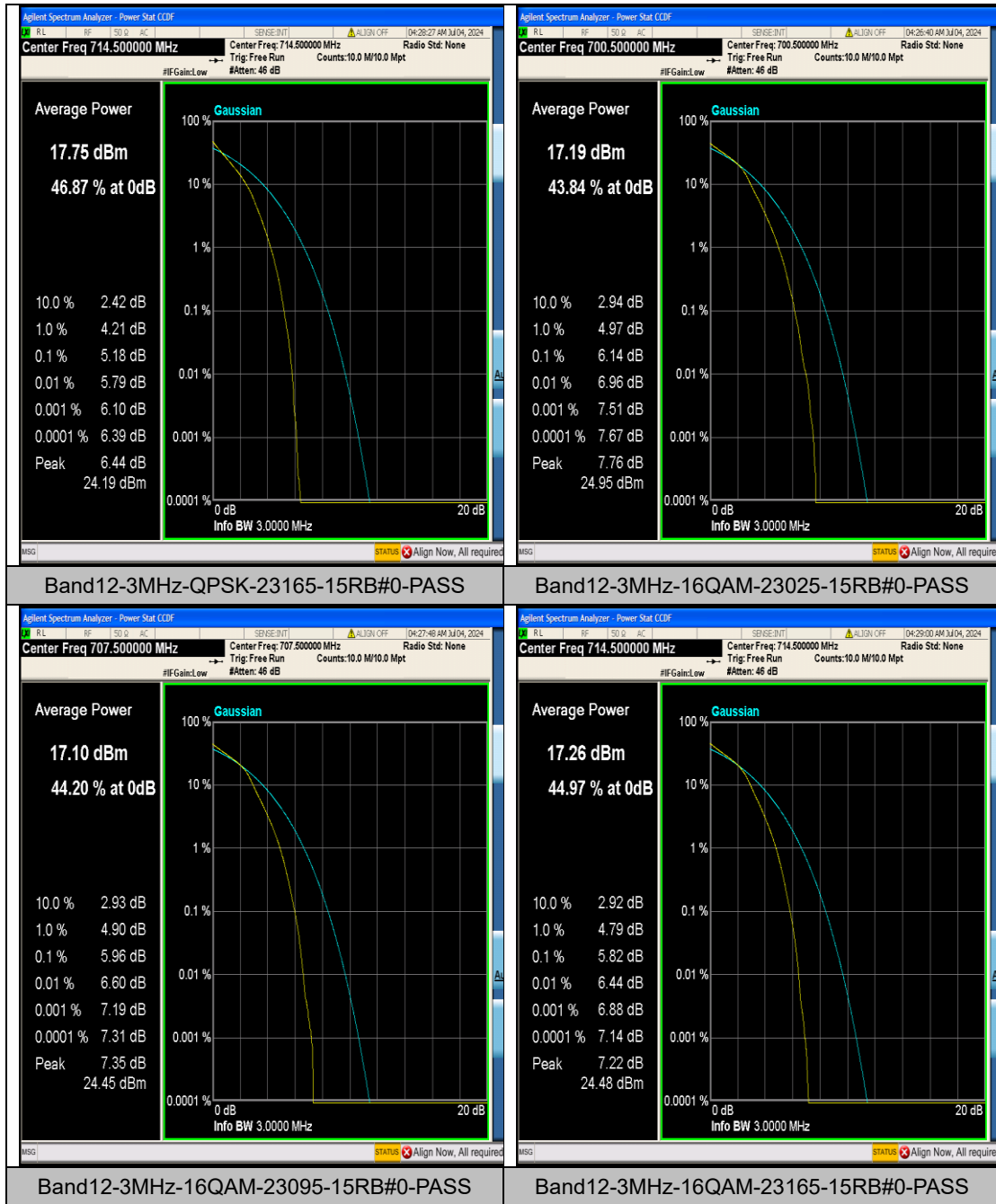
Test Result

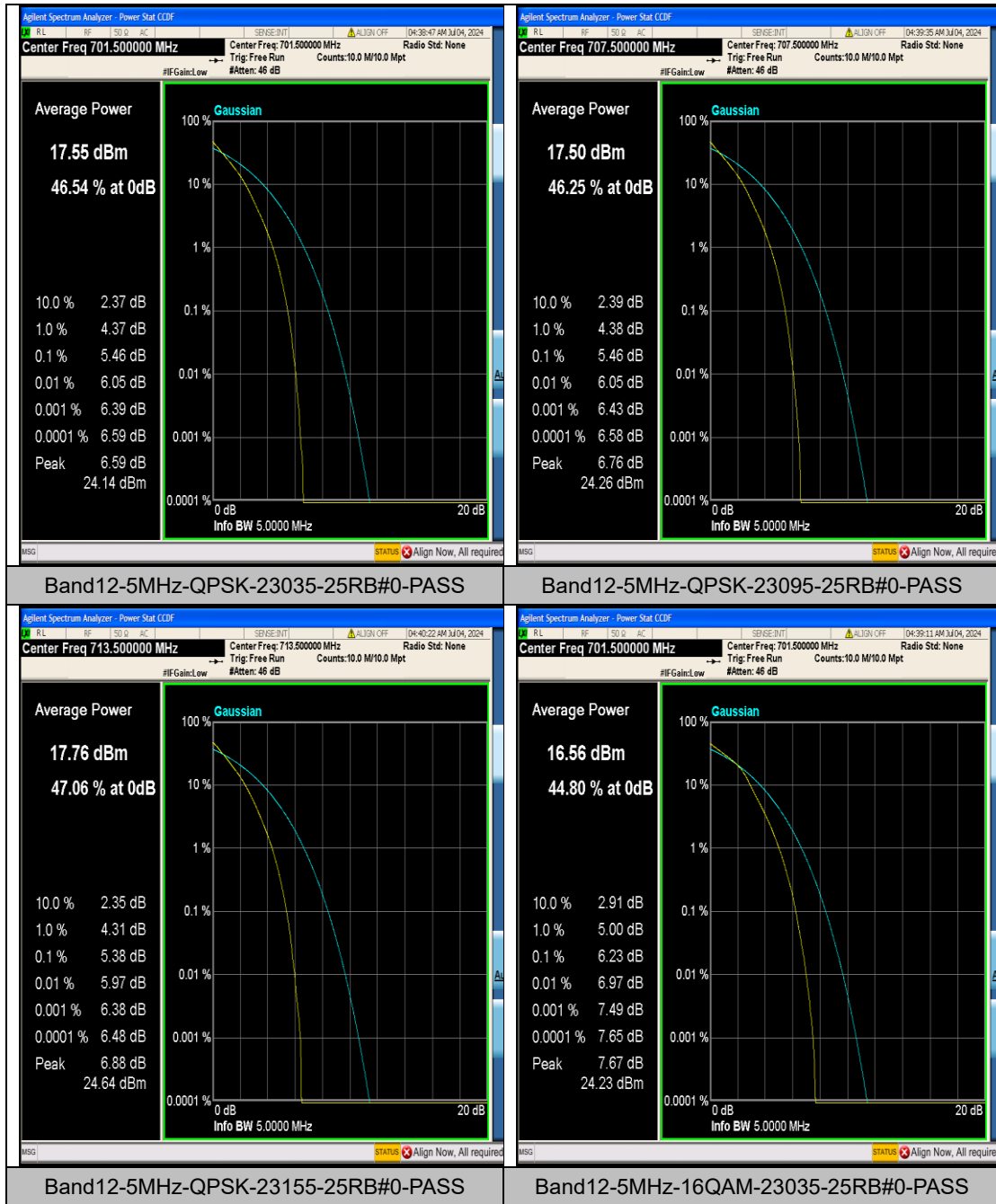
| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 5.50 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 5.19 | 13 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 4.57 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 6.06 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 5.66 | 13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 5.47 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 5.57 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 5.42 | 13 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 5.18 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 6.14 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 5.96 | 13 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 5.82 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 5.46 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 5.46 | 13 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 5.38 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 6.23 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 5.93 | 13 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 5.97 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 5.31 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 5.57 | 13 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 5.46 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 5.93 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 6.17 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 6.31 | 13 | PASS |

Test Graphs











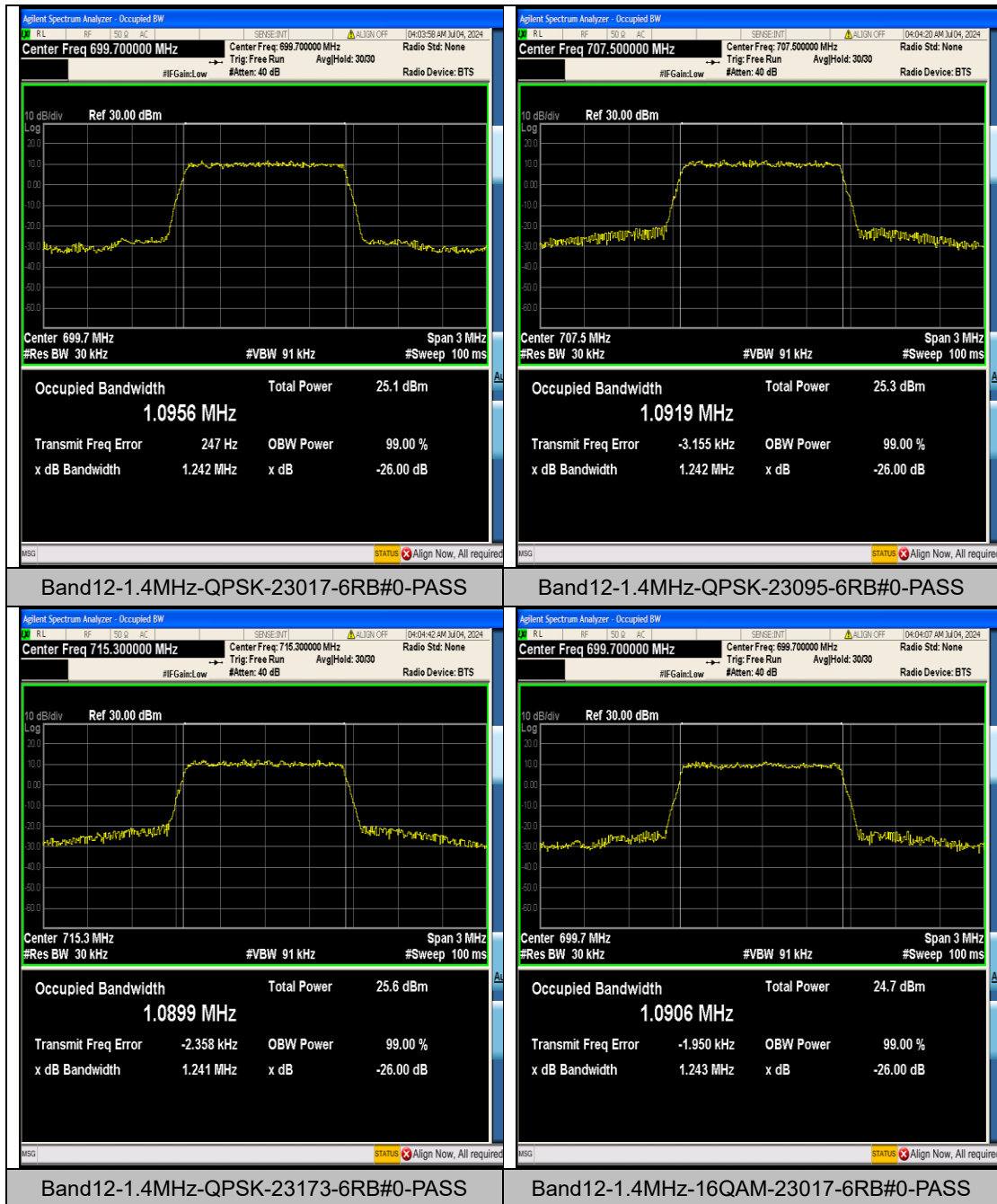


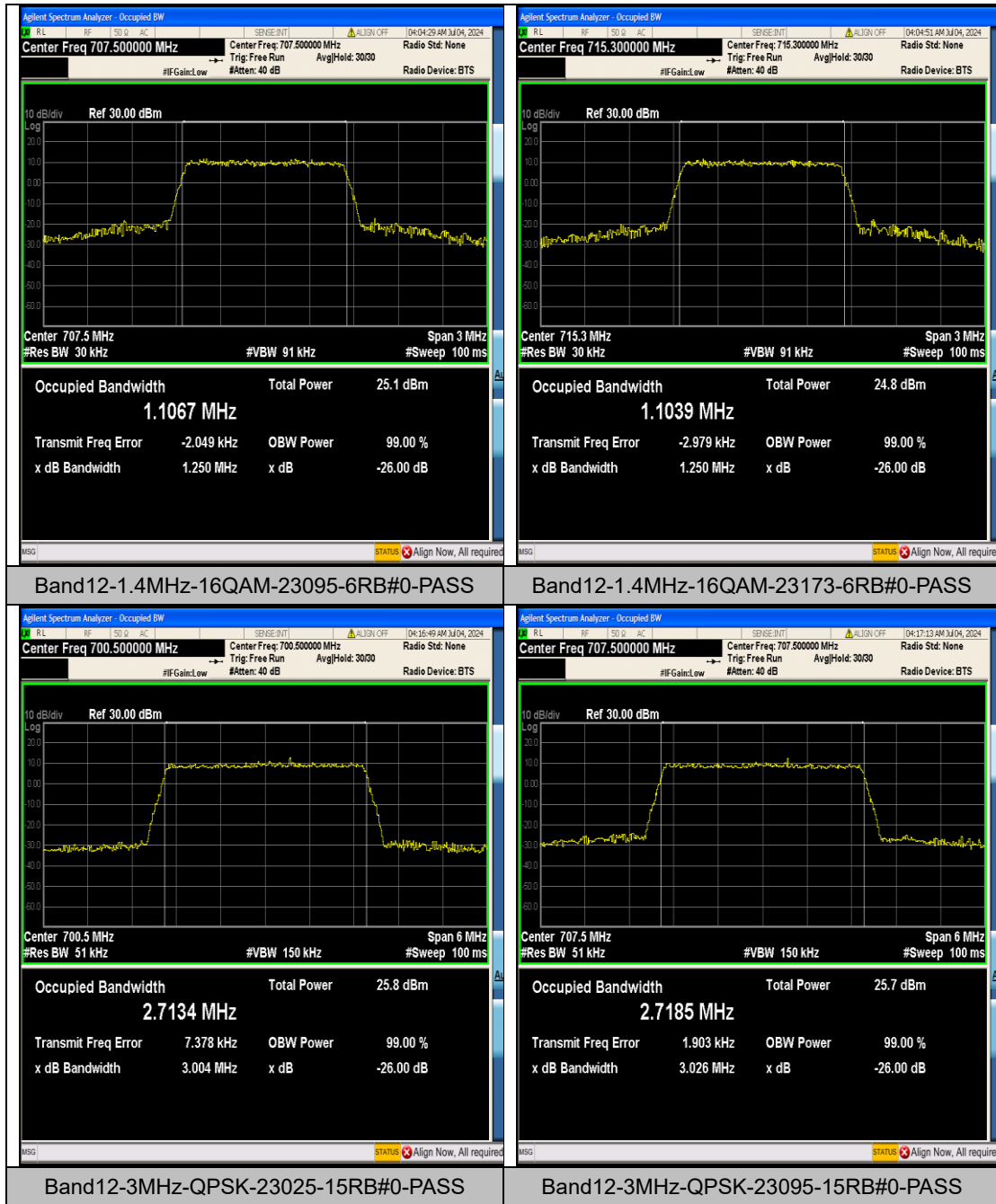
Appendix C: 26dB Bandwidth and Occupied Bandwidth

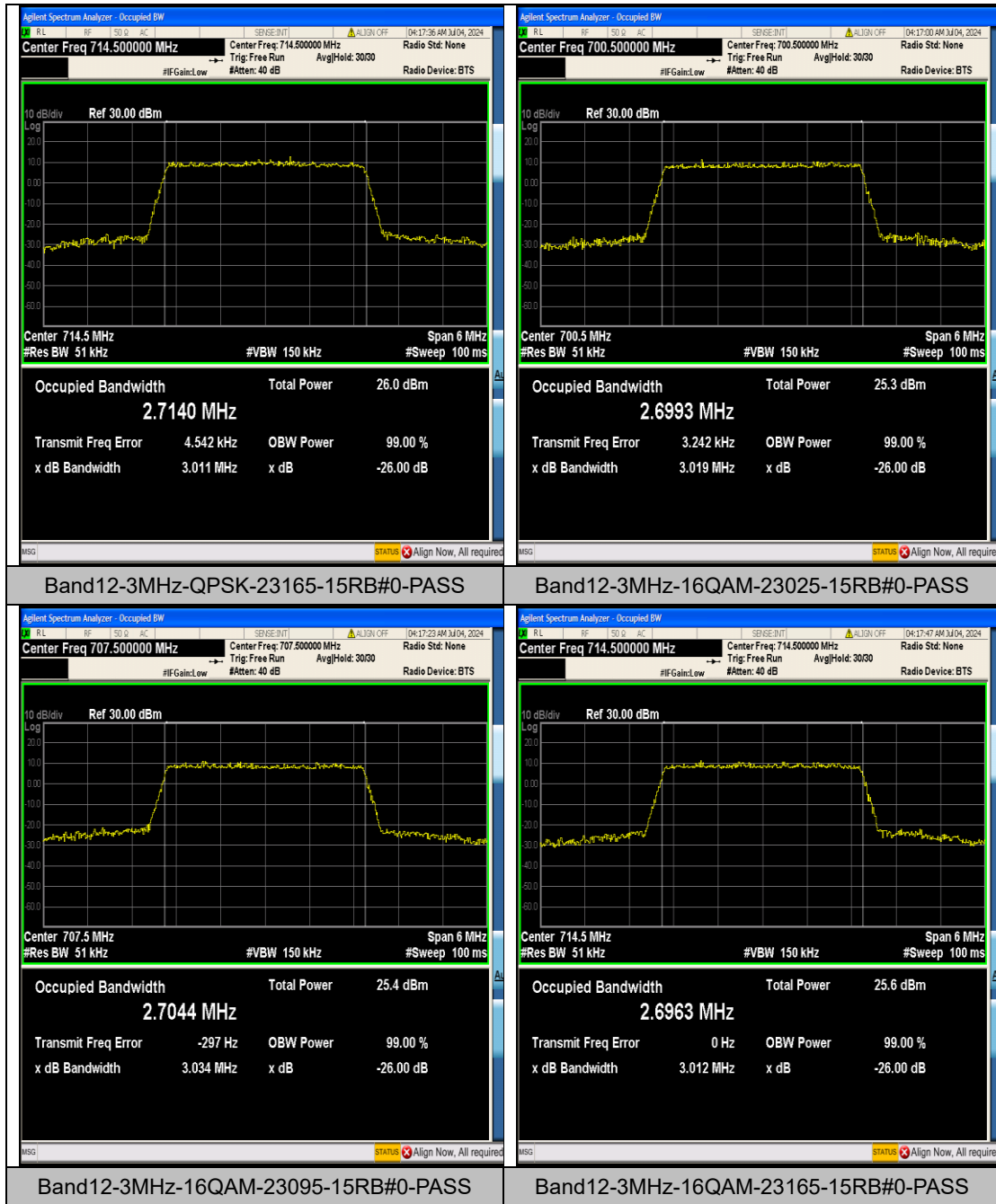
Test Result

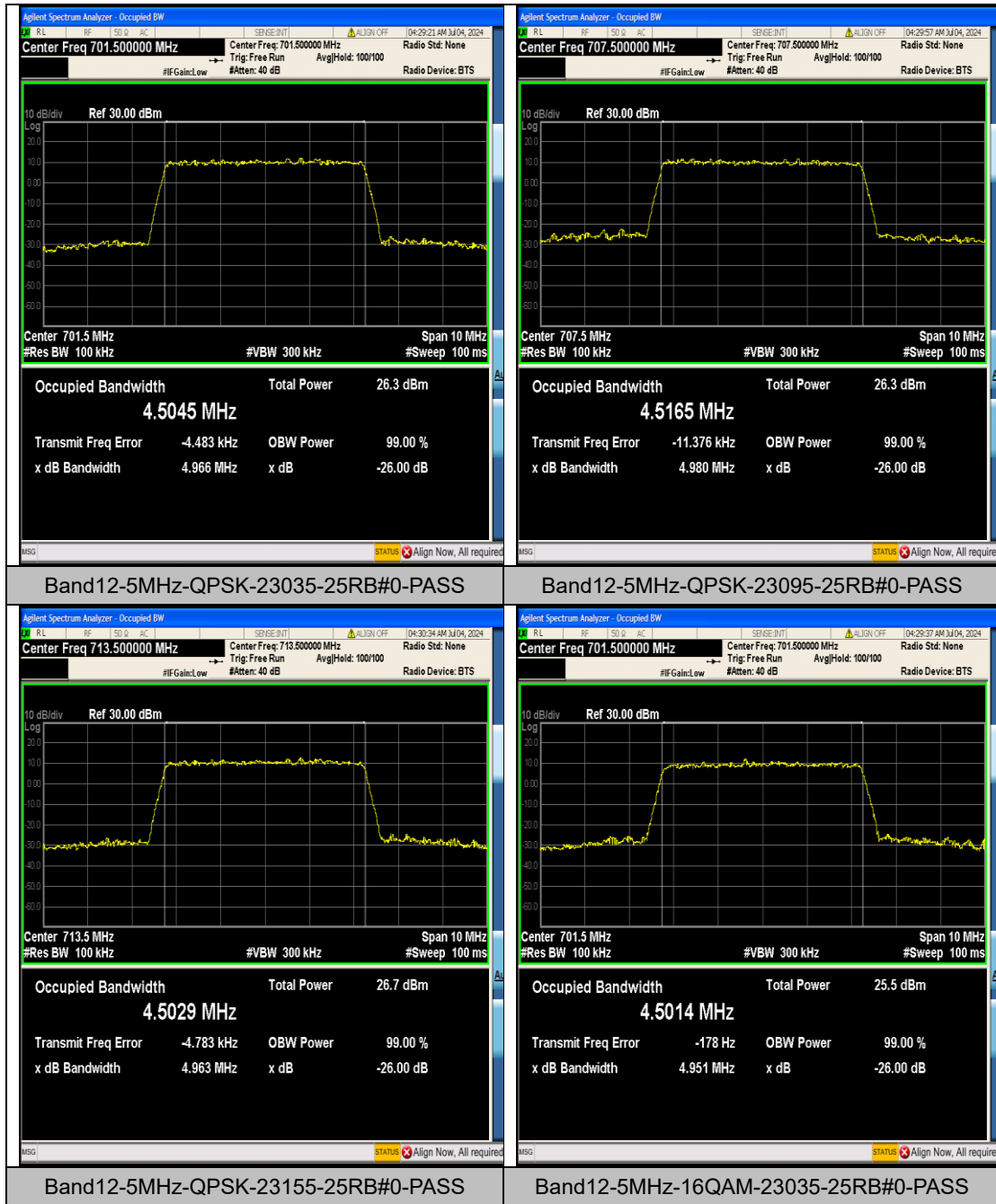
| Band | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 1.0956 | 1.242 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 1.0919 | 1.242 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 1.0899 | 1.241 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 1.0906 | 1.243 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 1.1067 | 1.250 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 1.1039 | 1.250 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 2.7134 | 3.004 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 2.7185 | 3.026 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 2.7140 | 3.011 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 2.6993 | 3.019 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 2.7044 | 3.034 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 2.6963 | 3.012 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 4.5045 | 4.966 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 4.5165 | 4.980 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 4.5029 | 4.963 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 4.5014 | 4.951 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 4.5119 | 4.980 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 4.4952 | 4.962 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 8.9827 | 9.885 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 9.0225 | 9.949 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 9.0057 | 9.869 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 8.9729 | 9.872 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 9.0130 | 9.939 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 9.0020 | 9.894 | PASS |

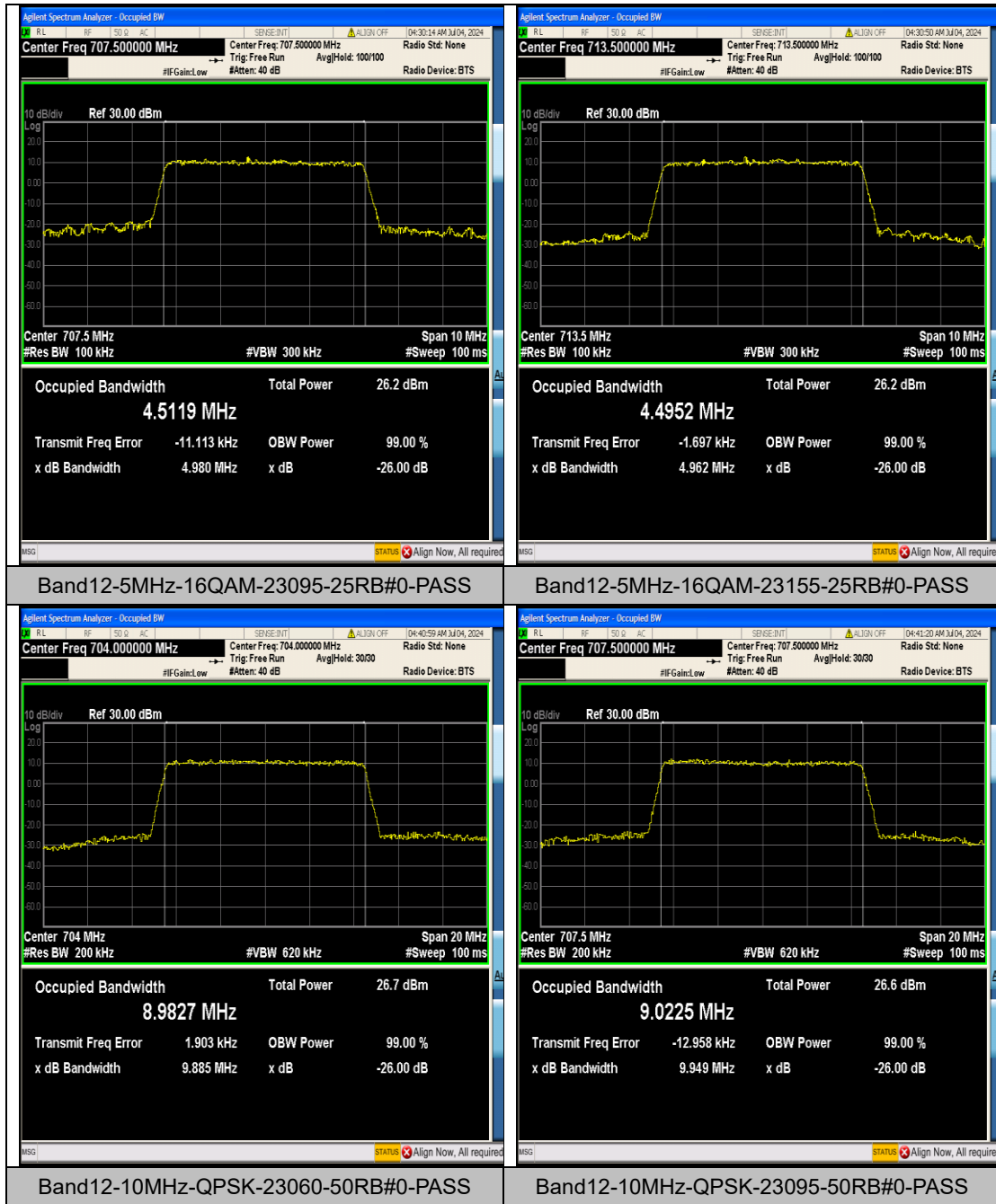
Test Graphs

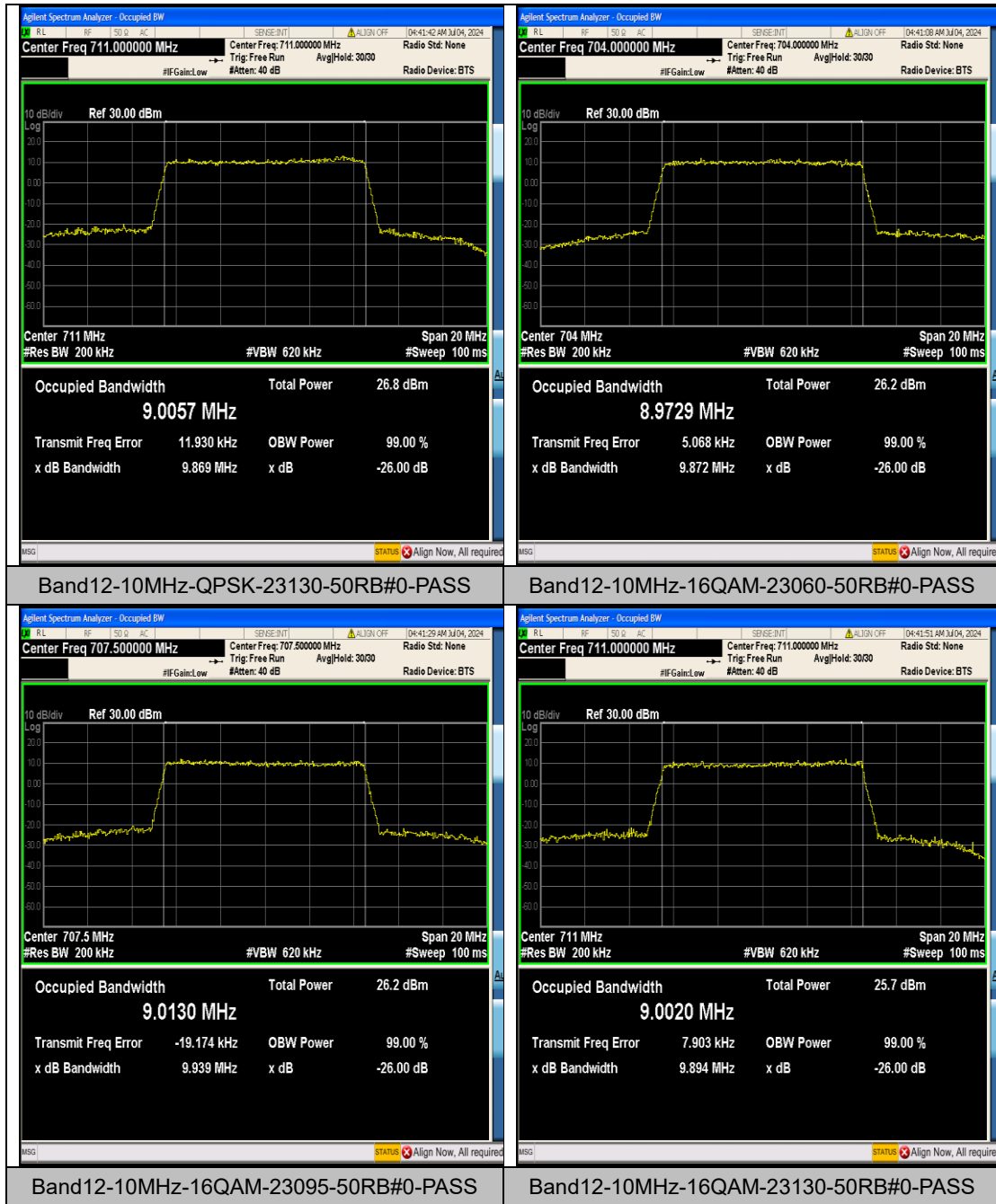










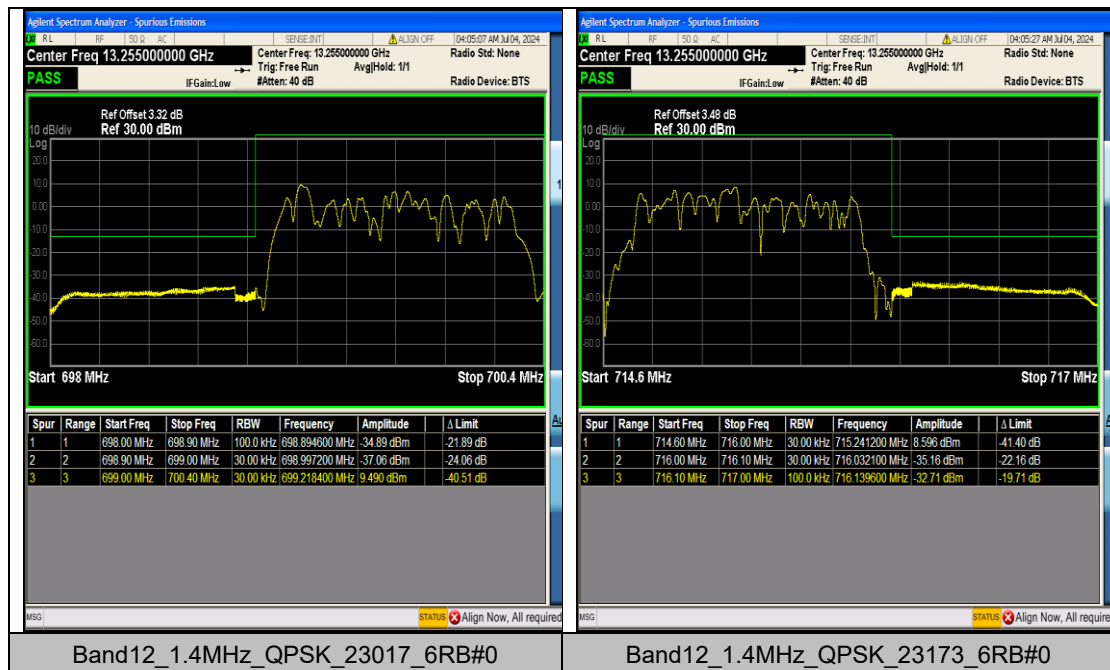


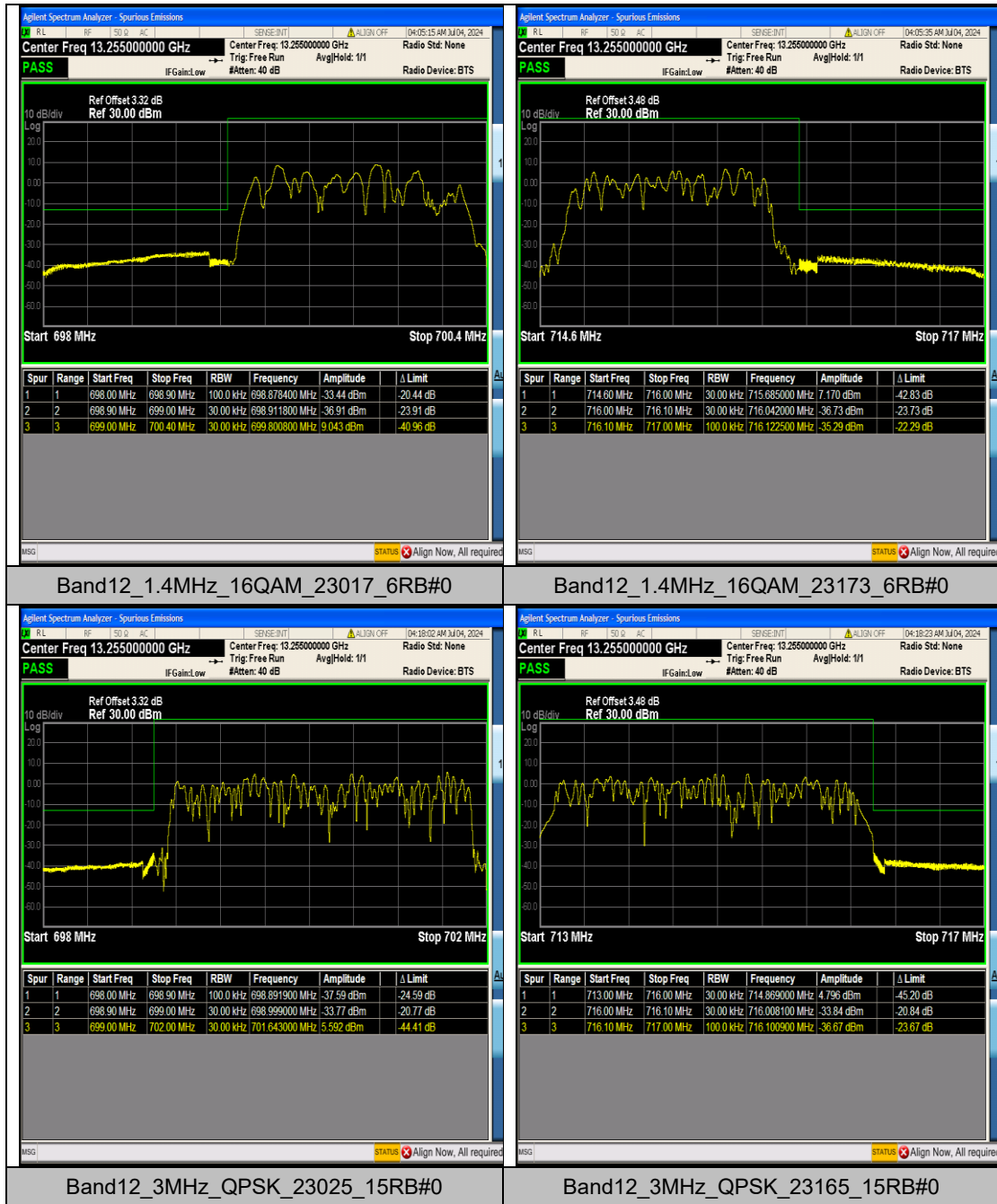
Appendix D: Band Edge

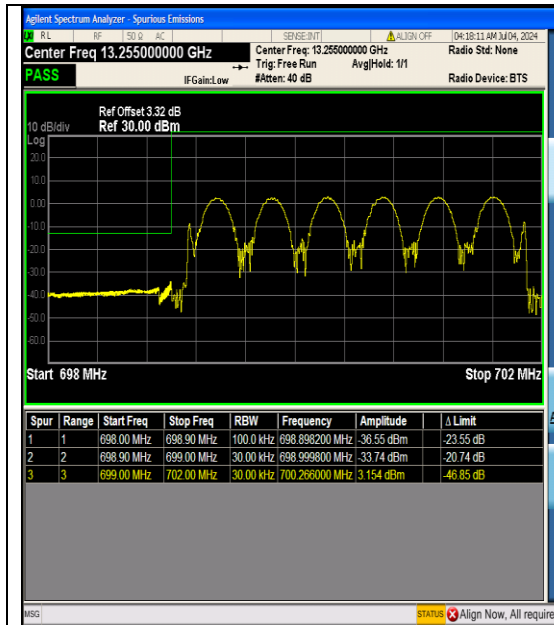
Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | -34.89 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | -32.71 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | -33.44 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | -35.29 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | -33.77 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | -33.84 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | -33.74 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | -34.06 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | -40.73 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | -40.81 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | -39.73 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | -40.33 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | -42.61 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | -41.00 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | -41.76 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | -41.62 | PASS |

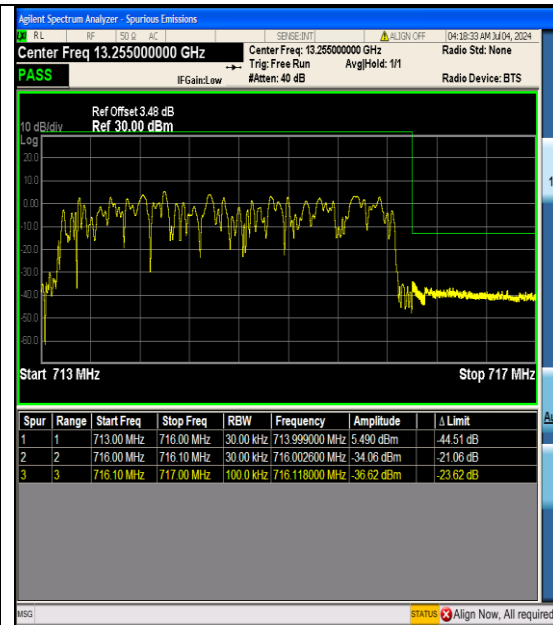
Test Graphs



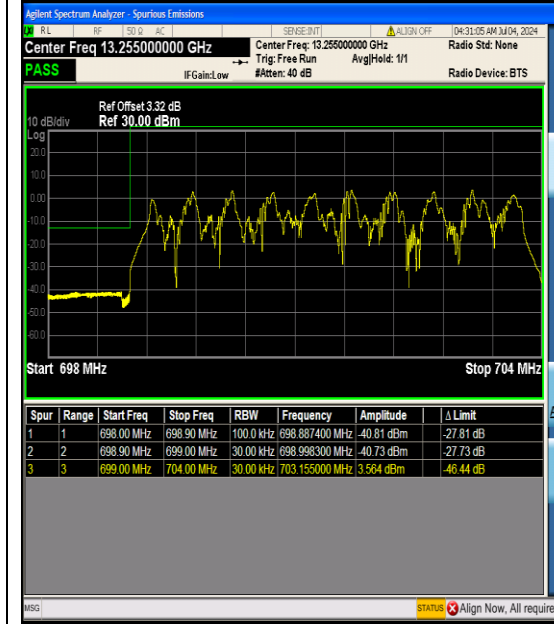




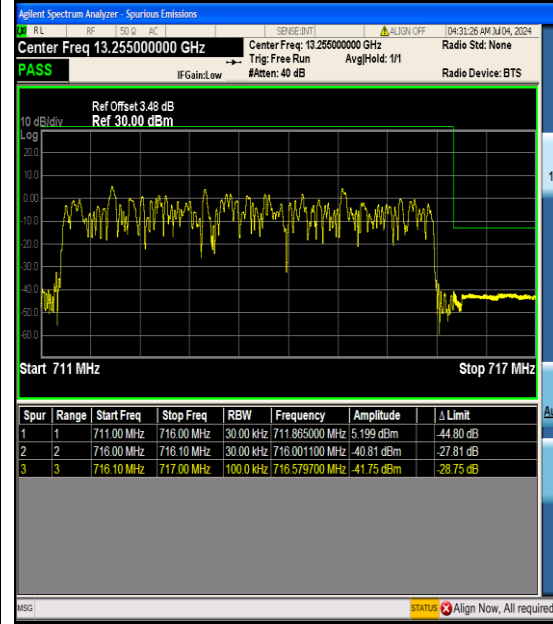
Band12_3MHz_16QAM_23025_15RB#0



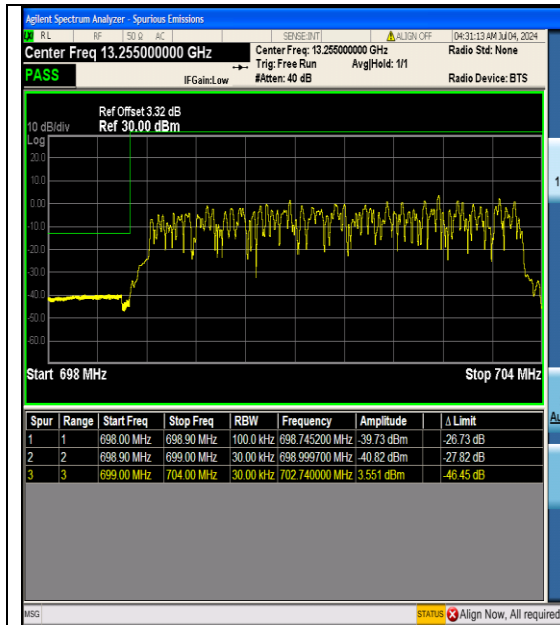
Band12_3MHz_16QAM_23165_15RB#0



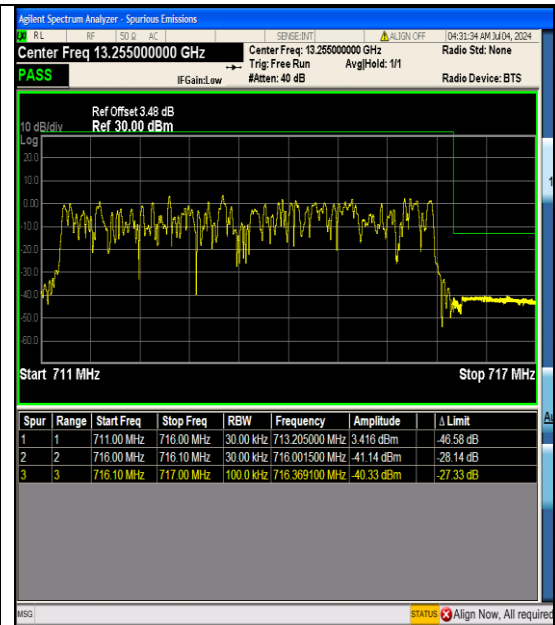
Band12_5MHz_QPSK_23035_25RB#0



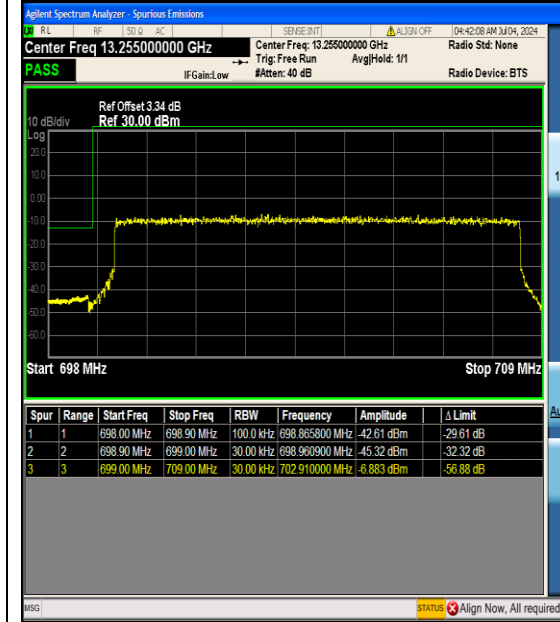
Band12_5MHz_QPSK_23155_25RB#0



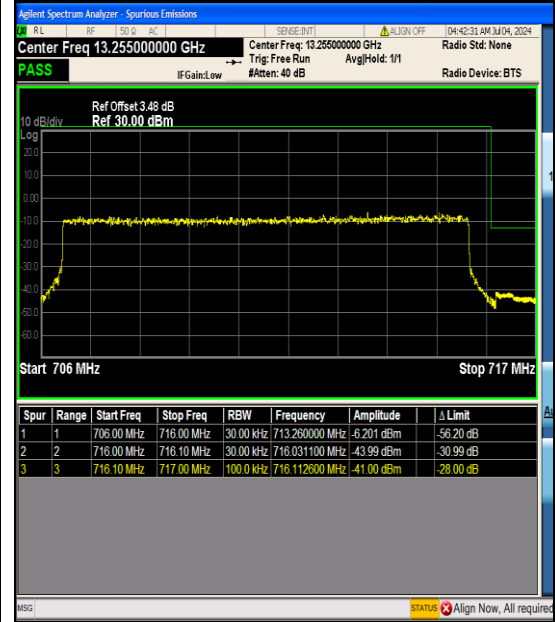
Band12_5MHz_16QAM_23035_25RB#0



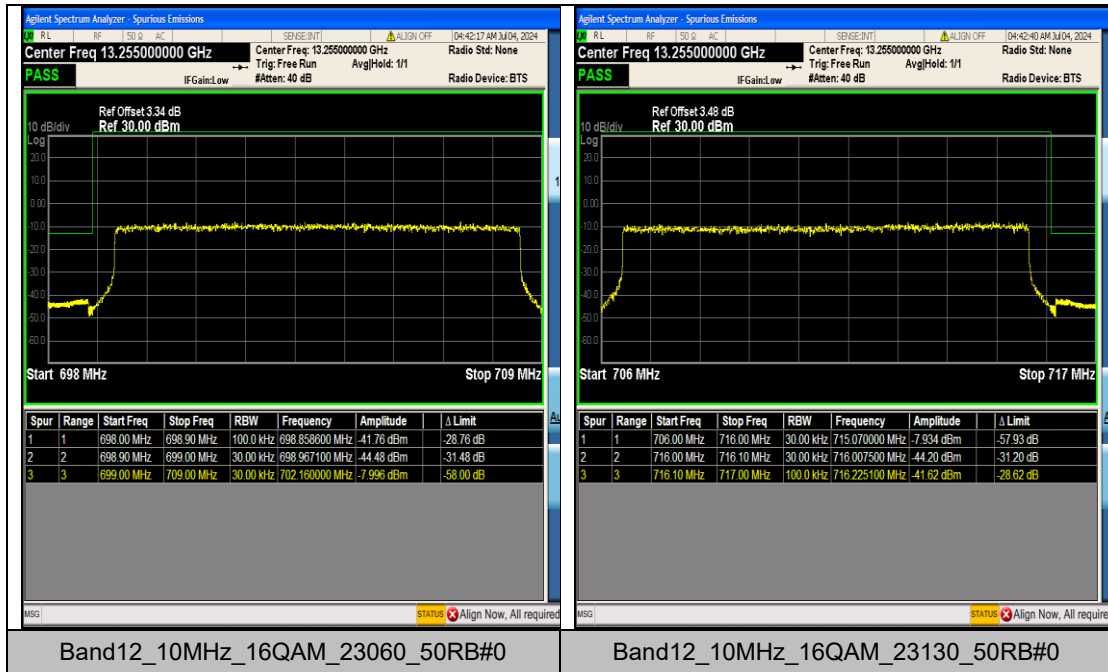
Band12_5MHz_16QAM_23155_25RB#0



Band12_10MHz_QPSK_23060_50RB#0



Band12_10MHz_QPSK_23130_50RB#0



Appendix E: Conducted Spurious Emission

Test Result

| Band | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 0.009~0.15 | -48.00 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 0.15~30 | -59.81 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 30~1000 | -58.75 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 1000~3000 | -50.13 | PASS |
| Band12 | 1.4MHz | QPSK | 23017 | 6RB#0 | 3000~10000 | -50.11 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 0.009~0.15 | -48.33 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 0.15~30 | -57.27 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 30~1000 | -56.73 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 1000~3000 | -52.50 | PASS |
| Band12 | 1.4MHz | QPSK | 23095 | 6RB#0 | 3000~10000 | -49.81 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 0.009~0.15 | -49.79 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 0.15~30 | -57.23 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 30~1000 | -58.12 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 1000~3000 | -51.29 | PASS |
| Band12 | 1.4MHz | QPSK | 23173 | 6RB#0 | 3000~10000 | -50.01 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 0.009~0.15 | -47.05 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 0.15~30 | -58.46 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 30~1000 | -59.21 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 1000~3000 | -50.13 | PASS |
| Band12 | 1.4MHz | 16QAM | 23017 | 6RB#0 | 3000~10000 | -49.93 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 0.009~0.15 | -46.54 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 0.15~30 | -58.09 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 30~1000 | -57.95 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 1000~3000 | -52.38 | PASS |
| Band12 | 1.4MHz | 16QAM | 23095 | 6RB#0 | 3000~10000 | -49.67 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 0.009~0.15 | -48.57 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 0.15~30 | -58.66 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 30~1000 | -58.51 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 1000~3000 | -52.02 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0 | 3000~10000 | -49.92 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 0.009~0.15 | -48.42 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 0.15~30 | -58.00 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 30~1000 | -61.11 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 1000~3000 | -52.54 | PASS |
| Band12 | 3MHz | QPSK | 23025 | 15RB#0 | 3000~10000 | -49.77 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 0.009~0.15 | -50.85 | PASS |

| | | | | | | | |
|--------|------|-------|-------|--------|------------|--------|------|
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 0.15~30 | -60.54 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 30~1000 | -58.48 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 1000~3000 | -52.62 | PASS |
| Band12 | 3MHz | QPSK | 23095 | 15RB#0 | 3000~10000 | -49.95 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 0.009~0.15 | -48.73 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 0.15~30 | -60.51 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 30~1000 | -59.58 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 1000~3000 | -52.16 | PASS |
| Band12 | 3MHz | QPSK | 23165 | 15RB#0 | 3000~10000 | -49.16 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 0.009~0.15 | -50.17 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 0.15~30 | -58.68 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 30~1000 | -61.16 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 1000~3000 | -52.70 | PASS |
| Band12 | 3MHz | 16QAM | 23025 | 15RB#0 | 3000~10000 | -49.53 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 0.009~0.15 | -51.49 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 0.15~30 | -59.28 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 30~1000 | -58.27 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 1000~3000 | -52.62 | PASS |
| Band12 | 3MHz | 16QAM | 23095 | 15RB#0 | 3000~10000 | -49.52 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 0.009~0.15 | -48.51 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 0.15~30 | -59.84 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 30~1000 | -60.08 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 1000~3000 | -52.65 | PASS |
| Band12 | 3MHz | 16QAM | 23165 | 15RB#0 | 3000~10000 | -50.24 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 0.009~0.15 | -51.59 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 0.15~30 | -58.60 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 30~1000 | -61.31 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 1000~3000 | -52.52 | PASS |
| Band12 | 5MHz | QPSK | 23035 | 25RB#0 | 3000~10000 | -49.78 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 0.009~0.15 | -49.95 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 0.15~30 | -59.13 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 30~1000 | -63.15 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 1000~3000 | -52.63 | PASS |
| Band12 | 5MHz | QPSK | 23095 | 25RB#0 | 3000~10000 | -49.41 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 0.009~0.15 | -49.84 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 0.15~30 | -58.48 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 30~1000 | -61.45 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 1000~3000 | -52.65 | PASS |
| Band12 | 5MHz | QPSK | 23155 | 25RB#0 | 3000~10000 | -50.16 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 0.009~0.15 | -42.61 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 0.15~30 | -57.11 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 30~1000 | -63.16 | PASS |
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 1000~3000 | -52.68 | PASS |

| | | | | | | | |
|--------|-------|-------|-------|--------|------------|--------|------|
| Band12 | 5MHz | 16QAM | 23035 | 25RB#0 | 3000~10000 | -49.93 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 0.009~0.15 | -48.47 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 0.15~30 | -57.65 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 30~1000 | -62.49 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 1000~3000 | -52.43 | PASS |
| Band12 | 5MHz | 16QAM | 23095 | 25RB#0 | 3000~10000 | -49.73 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 0.009~0.15 | -50.07 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 0.15~30 | -59.15 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 30~1000 | -60.90 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 1000~3000 | -52.12 | PASS |
| Band12 | 5MHz | 16QAM | 23155 | 25RB#0 | 3000~10000 | -49.87 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 0.009~0.15 | -47.87 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 0.15~30 | -57.81 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 30~1000 | -66.71 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 1000~3000 | -52.30 | PASS |
| Band12 | 10MHz | QPSK | 23060 | 50RB#0 | 3000~10000 | -49.85 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 0.009~0.15 | -46.97 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 0.15~30 | -57.52 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 30~1000 | -66.49 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 1000~3000 | -52.67 | PASS |
| Band12 | 10MHz | QPSK | 23095 | 50RB#0 | 3000~10000 | -50.03 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 0.009~0.15 | -47.95 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 0.15~30 | -57.82 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 30~1000 | -66.46 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 1000~3000 | -52.32 | PASS |
| Band12 | 10MHz | QPSK | 23130 | 50RB#0 | 3000~10000 | -50.13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 0.009~0.15 | -47.31 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 0.15~30 | -59.00 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 30~1000 | -66.68 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 1000~3000 | -52.77 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 50RB#0 | 3000~10000 | -49.94 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 0.009~0.15 | -47.55 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 0.15~30 | -58.92 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 30~1000 | -66.48 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 1000~3000 | -52.57 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 50RB#0 | 3000~10000 | -50.11 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 0.009~0.15 | -46.55 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 0.15~30 | -59.88 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 30~1000 | -66.59 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 1000~3000 | -52.64 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 50RB#0 | 3000~10000 | -49.75 | PASS |

Test Graphs

