

# FCC LTE Band Test Data

**FCC ID** : 2BHFT-T29-CEV

**Company:** : HANGZHOU HUIJIECHELIAN TECHNOLOGY CO., LTD

**EUT** : Vehicle Terminal T-BOX

**Model Number** : T29-CEV

**Reviewed By** : Eric Wang

## Appendix A: Conducted Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.12       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 23.36       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 23.43       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 23.51       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 23.44       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 23.70       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 22.68       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 22.49       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 22.46       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 22.36       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 22.26       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 22.25       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 22.46       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 21.67       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 22.54       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 22.26       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 22.13       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 22.31       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 22.34       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 22.32       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 21.48       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 22.16       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 22.29       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 22.37       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0            | 22.32       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1            | 22.40       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3            | 22.57       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 21.85       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 21.31       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 21.49       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 21.41       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#0            | 21.14       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#1            | 21.12       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 3RB#3            | 21.45       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 20.76       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 21.38       | PASS    |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 21.28 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 21.19 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 21.19 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 21.19 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.19 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 20.55 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.49 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.55 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.40 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.67 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.66 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.96 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.72 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 22.72 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 22.37 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 22.45 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 21.68 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 21.71 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 21.61 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 21.71 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 22.97 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 22.63 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 22.34 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 22.01 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 21.94 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 21.58 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 21.66 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 22.46 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 22.65 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 22.62 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#0  | 21.69 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#4  | 21.68 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#7  | 22.03 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 15RB#0 | 21.75 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#0  | 21.50 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#8  | 21.56 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 1RB#14 | 21.57 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#0  | 20.79 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#4  | 20.79 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 8RB#7  | 20.72 | PASS |
| Band5 | 3MHz   | 16QAM | 20525 | 15RB#0 | 20.80 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#0  | 21.90 | PASS |
| Band5 | 3MHz   | 16QAM | 20635 | 1RB#8  | 21.67 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 21.43 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.07 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 20.98 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 20.67 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 20.72 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.59 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 23.61 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.16 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 22.82 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 22.81 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.69 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.60 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 22.79 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 22.69 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 22.79 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 21.70 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 21.73 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 21.89 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 21.77 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 22.82 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 22.91 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 22.47 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 22.07 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 22.11 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 21.82 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 21.75 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#0   | 22.43 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#12  | 22.54 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 1RB#24  | 22.02 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#0  | 21.87 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#6  | 21.90 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 12RB#13 | 21.75 | PASS |
| Band5 | 5MHz | 16QAM | 20425 | 25RB#0  | 21.63 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#0   | 21.55 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#12  | 21.75 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 1RB#24  | 21.72 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#0  | 20.78 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#6  | 20.78 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 12RB#13 | 20.91 | PASS |
| Band5 | 5MHz | 16QAM | 20525 | 25RB#0  | 20.84 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#0   | 21.66 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#12  | 21.84 | PASS |
| Band5 | 5MHz | 16QAM | 20625 | 1RB#24  | 21.32 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.08 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.17 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 20.91 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 20.84 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.67 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.52 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 22.99 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 23.03 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 23.09 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.67 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.70 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.19 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 22.74 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.08 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.18 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.22 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.23 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.26 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 22.53 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 22.79 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 22.42 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 21.90 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 21.90 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.04 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.04 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.68 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.60 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.07 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 22.09 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 22.09 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.71 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.10 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 21.95 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.25 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.23 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.24 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.28 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 21.52 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 21.86 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 21.50 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 20.92 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 20.91 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.10 | PASS |

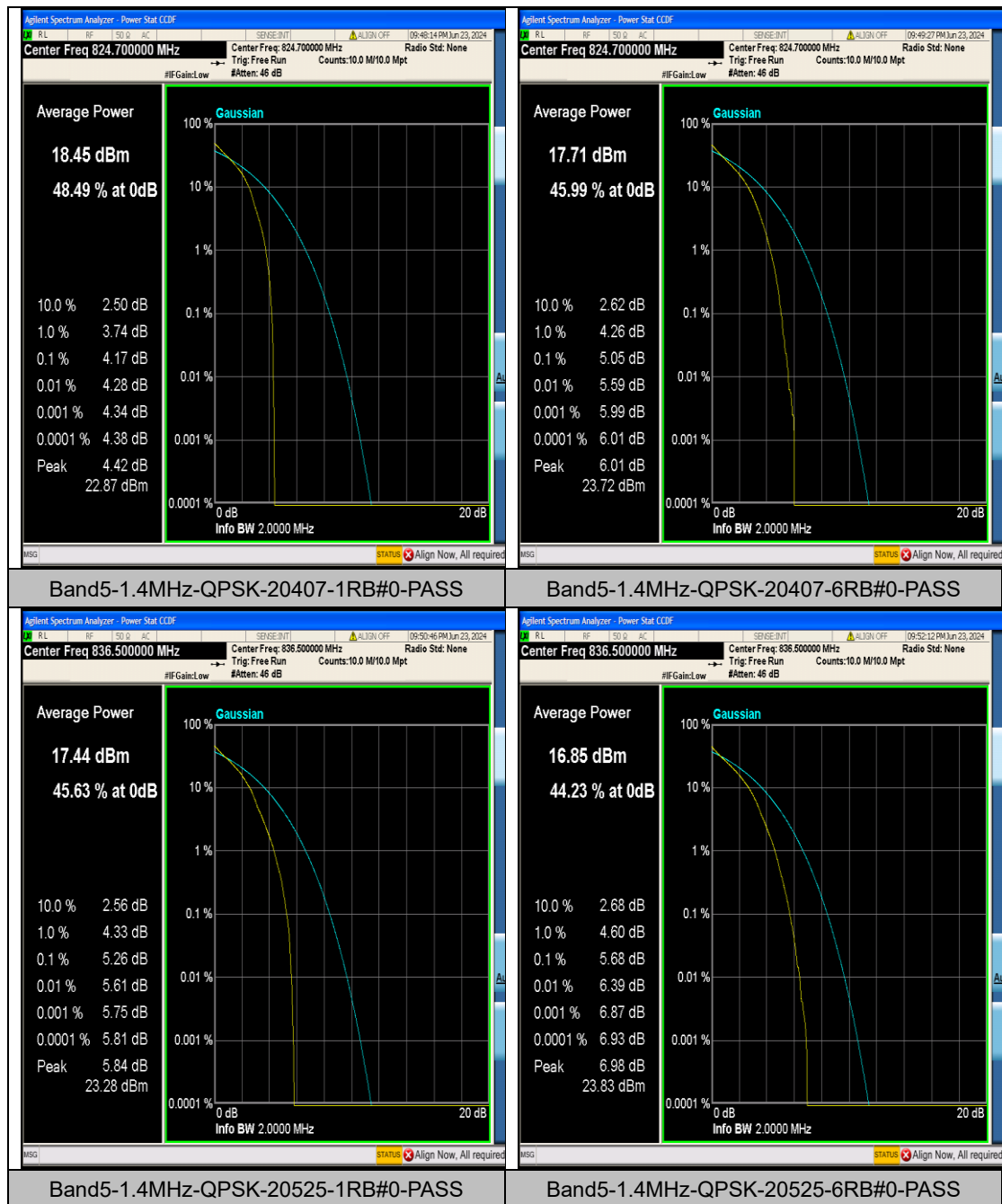
## Appendix B: Peak-to-Average Ratio(CCDF)

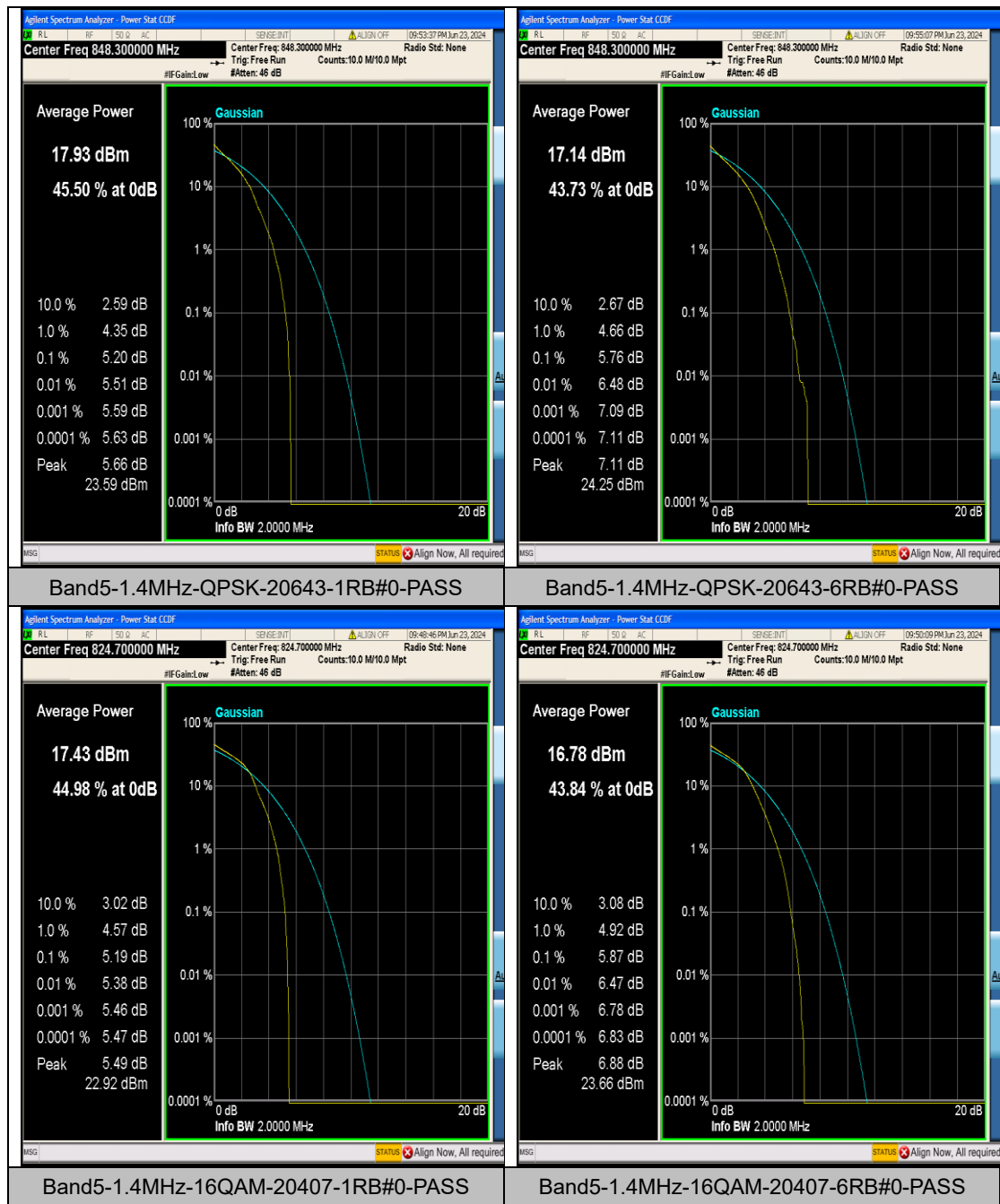
### Test Result

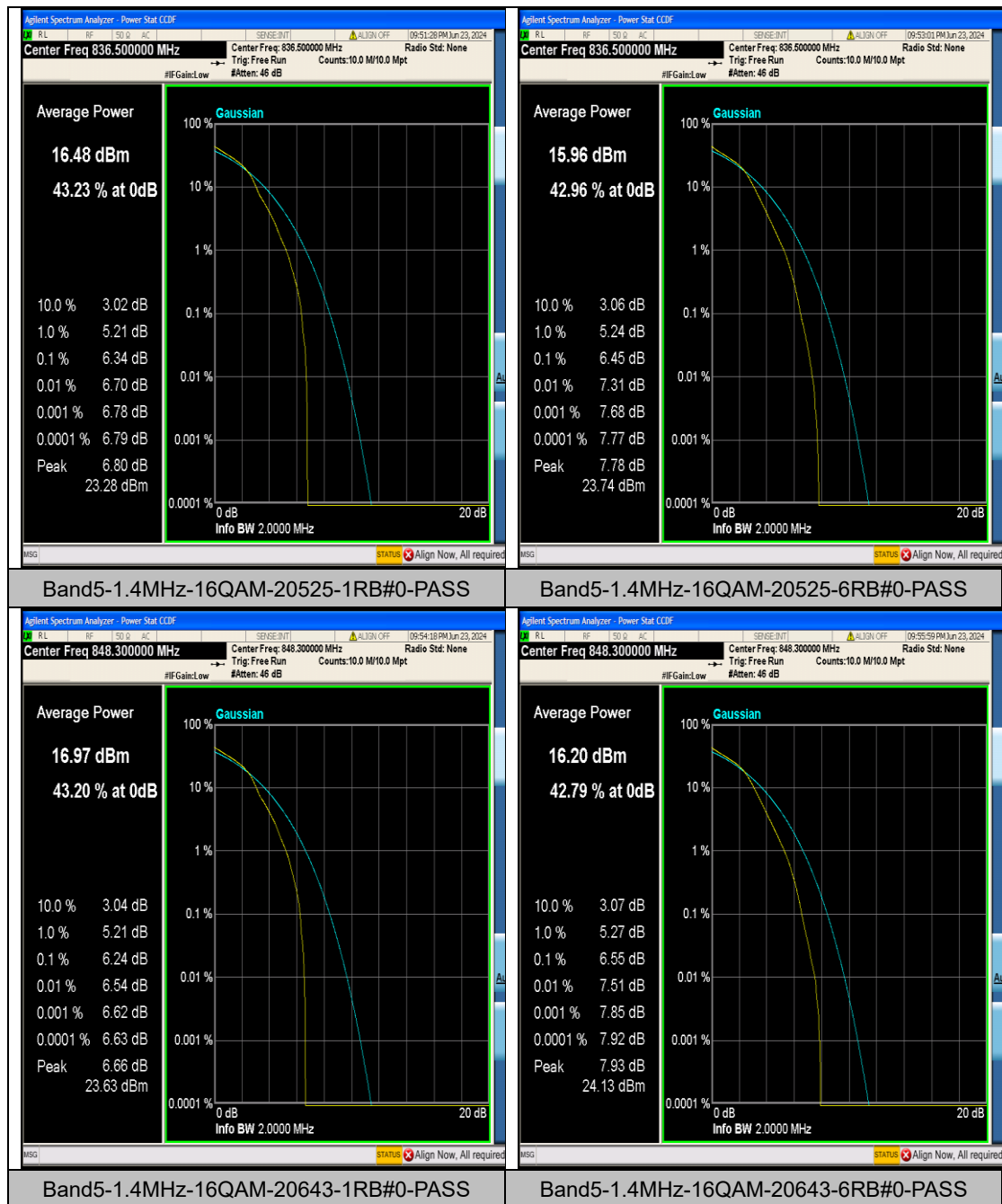
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 4.17       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 5.05       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 5.26       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 5.68       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 5.20       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 5.76       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 5.19       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 5.87       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 6.34       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 6.45       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 6.24       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 6.55       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 4.26       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 5.43       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 5.35       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 5.73       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 4.70       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 5.69       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 5.09       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 6.20       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 6.18       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 6.50       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 5.51       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 6.47       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 4.30       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 5.51       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 5.53       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 5.66       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | 4.48       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 5.55       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | 5.05       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 6.19       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | 6.07       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 6.39       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | 5.24       | 13        | PASS    |

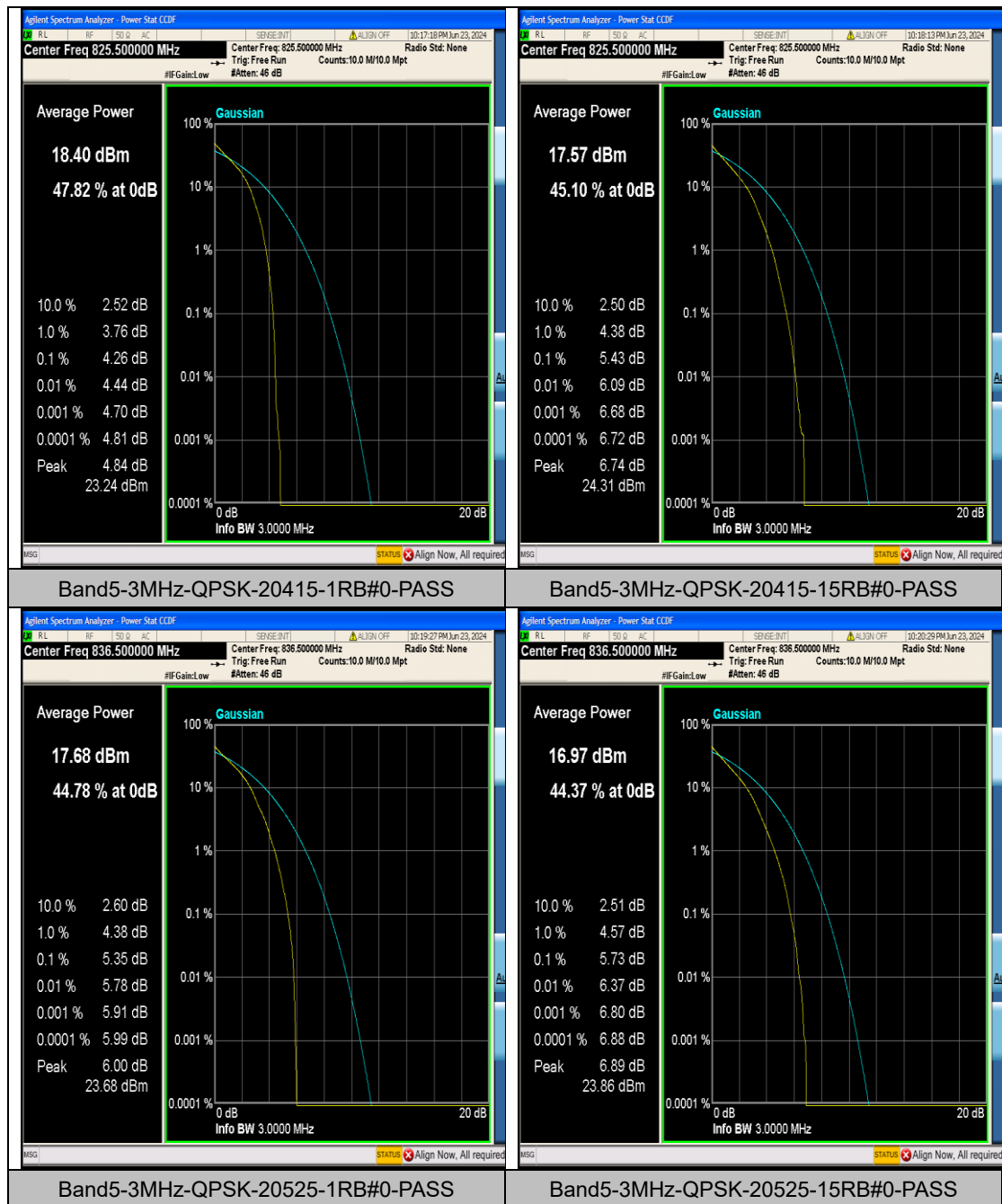
|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | 6.26 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | 4.13 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 5.41 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 5.45 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 5.65 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 4.42 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 5.35 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 4.95 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 6.24 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 5.28 | 13 | PASS |

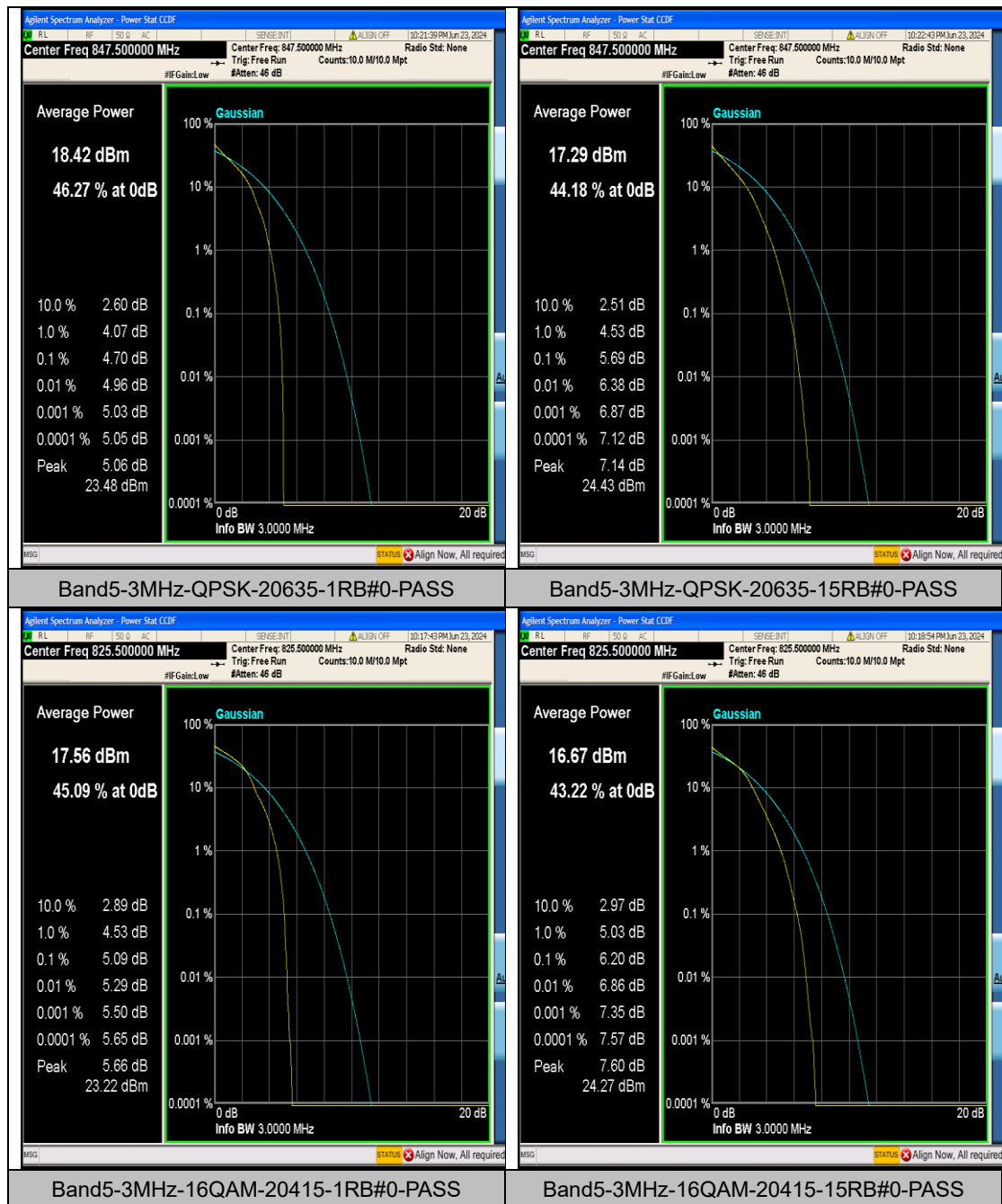
## Test Graphs

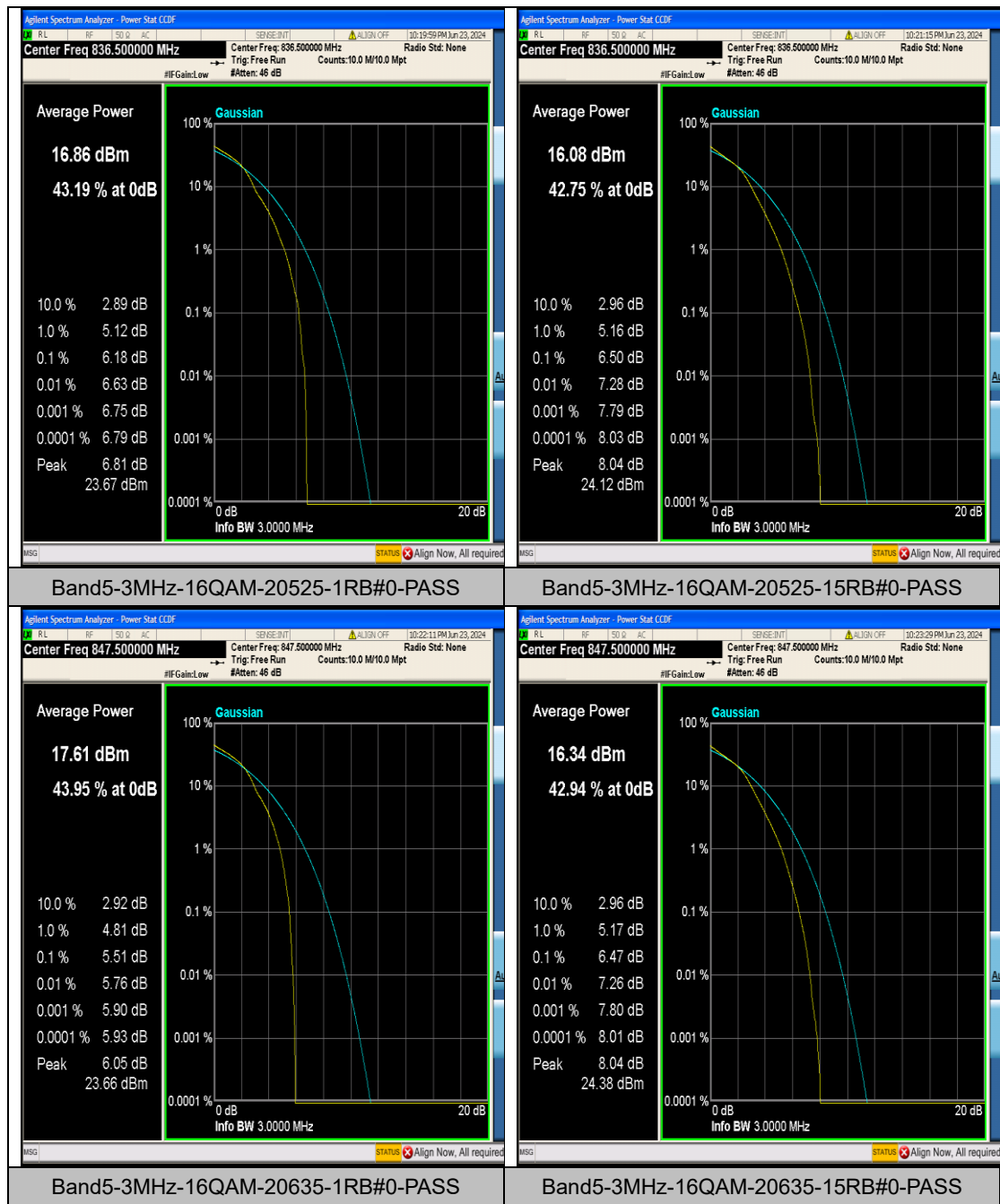


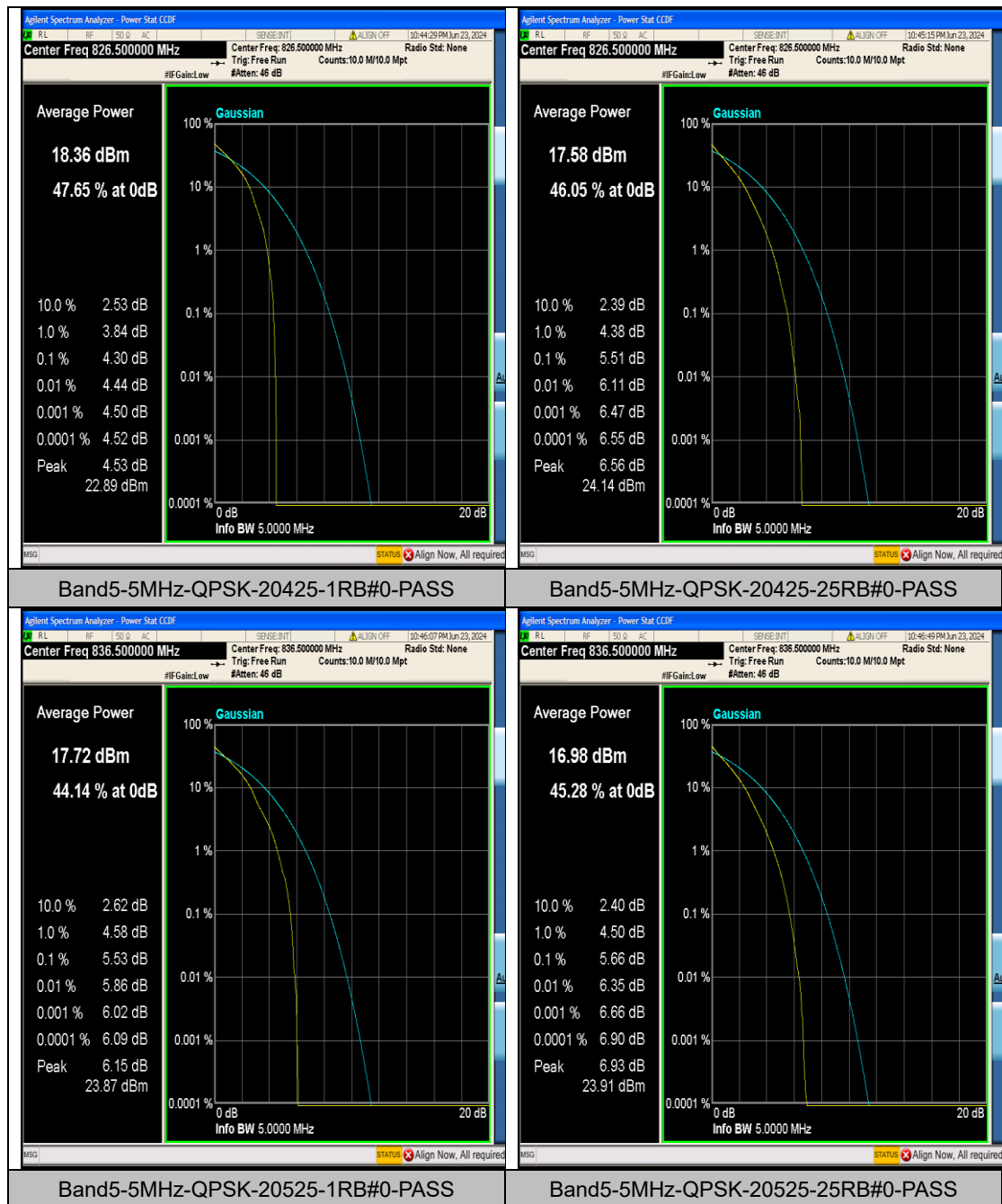


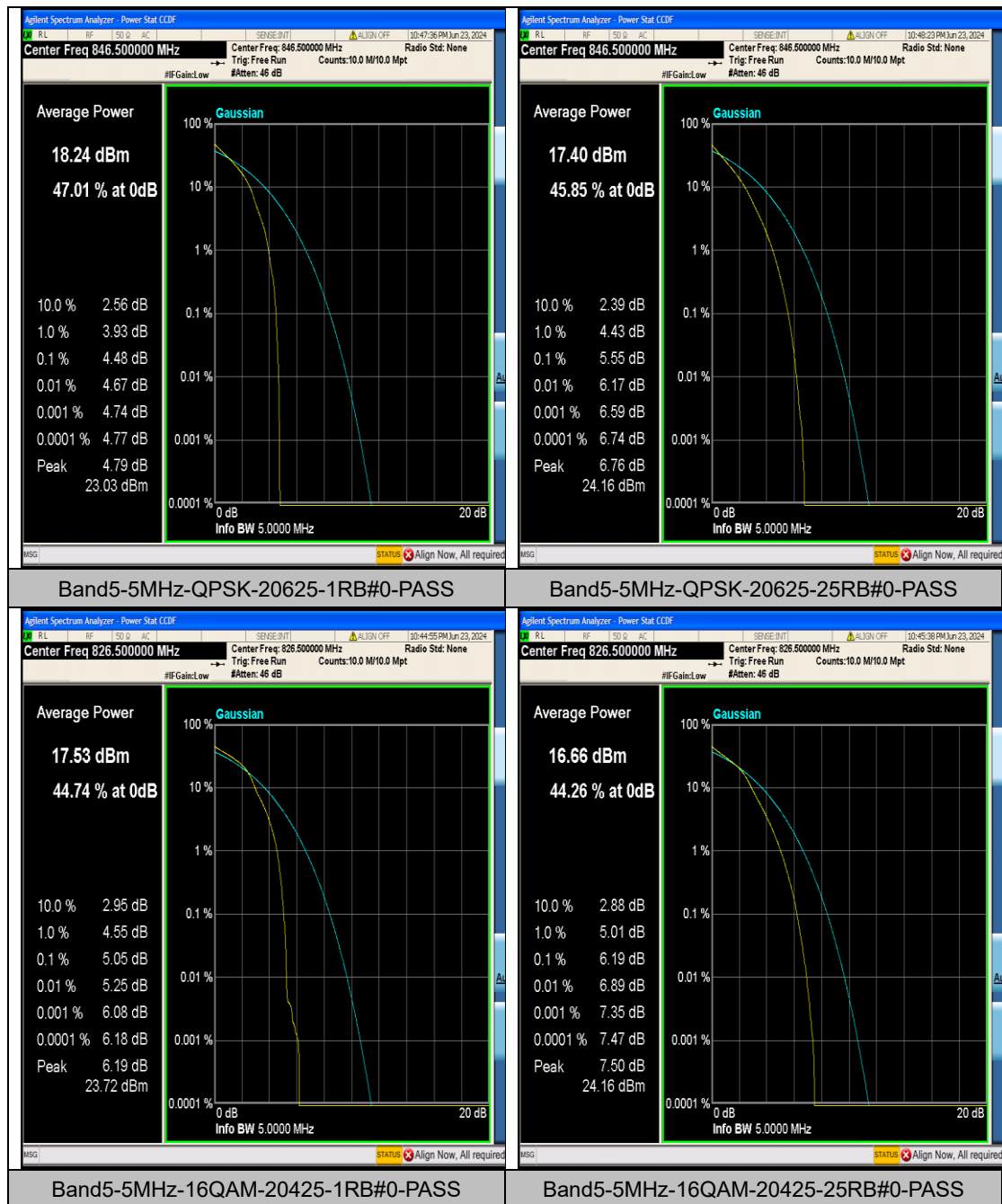


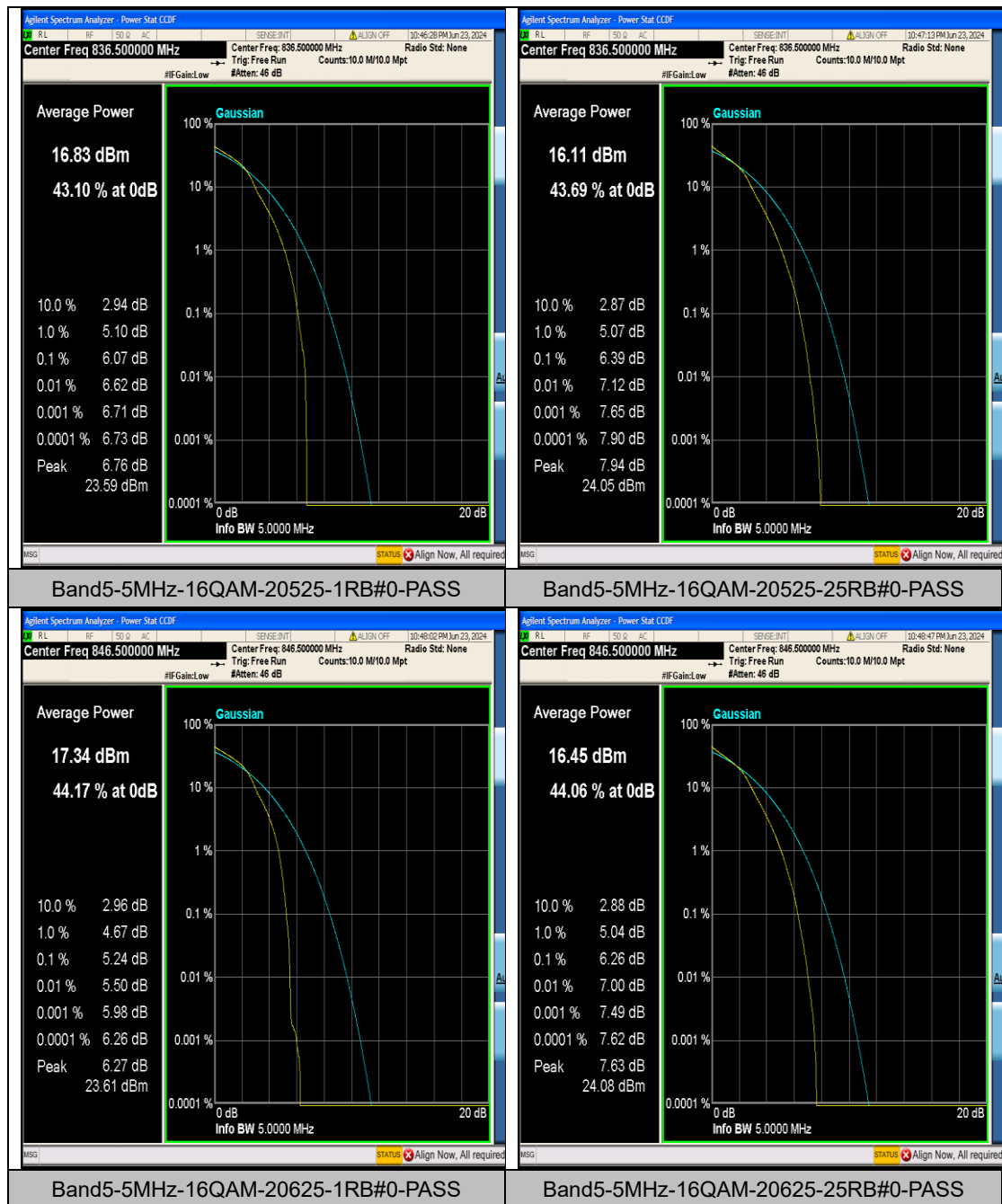


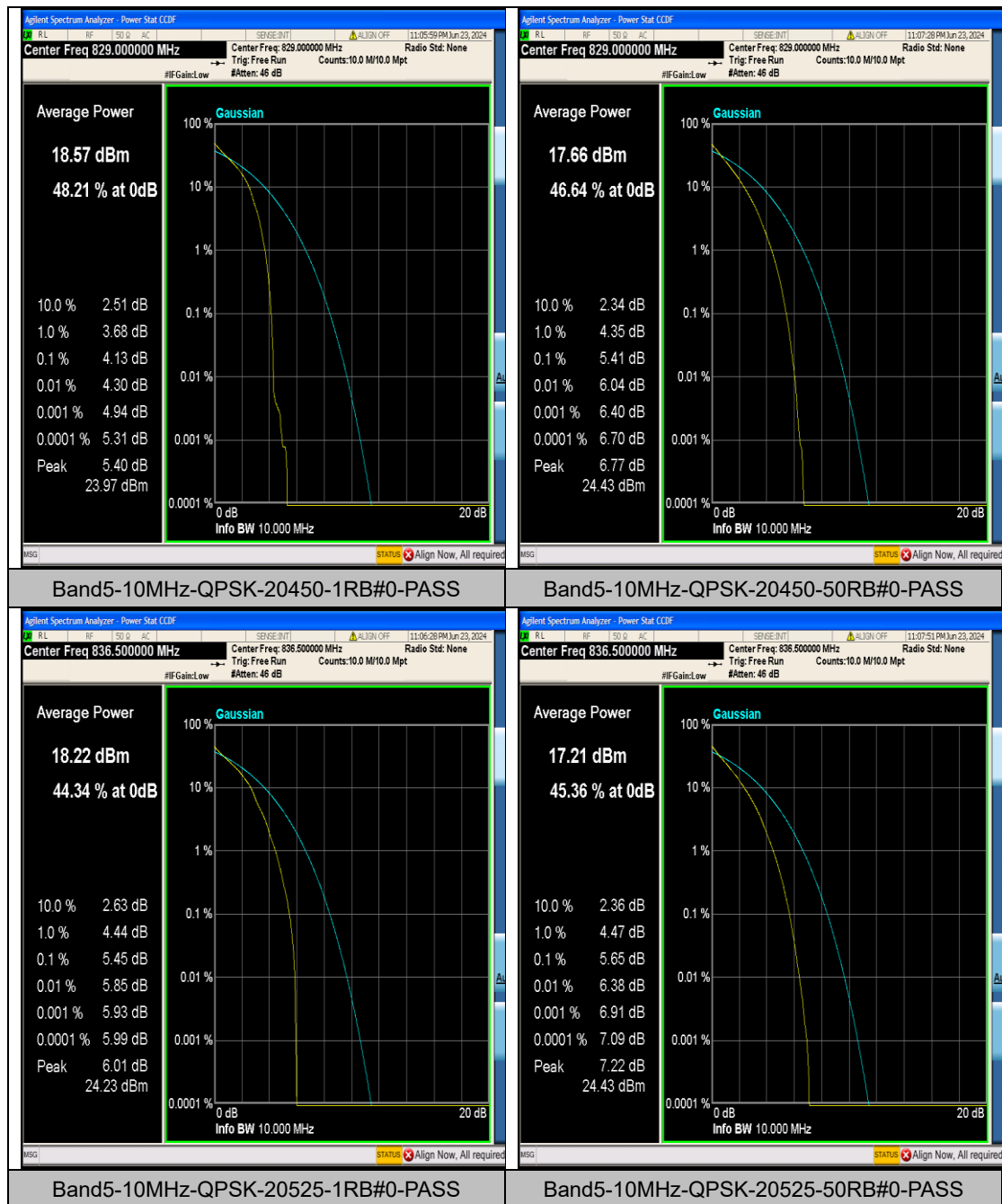


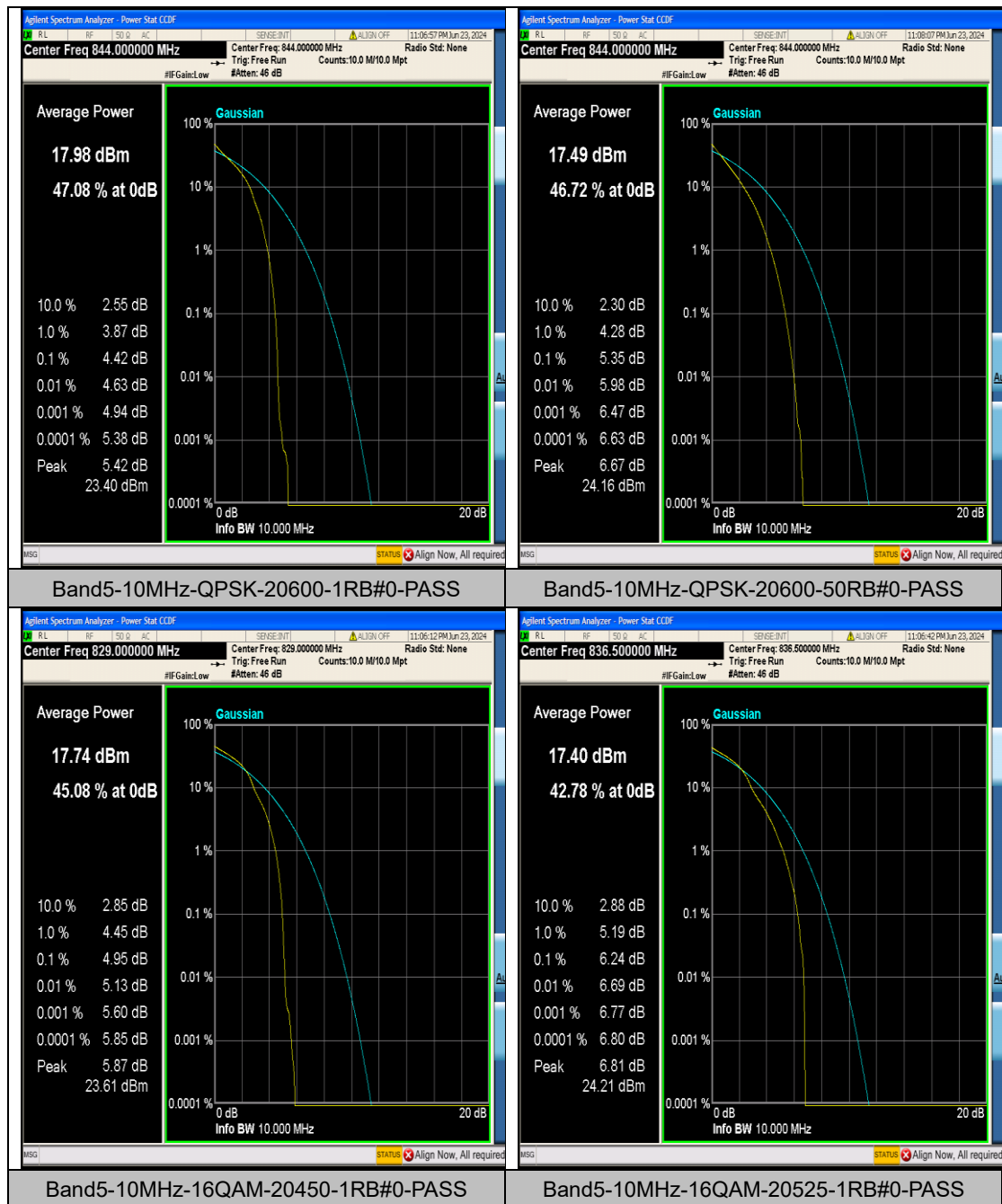


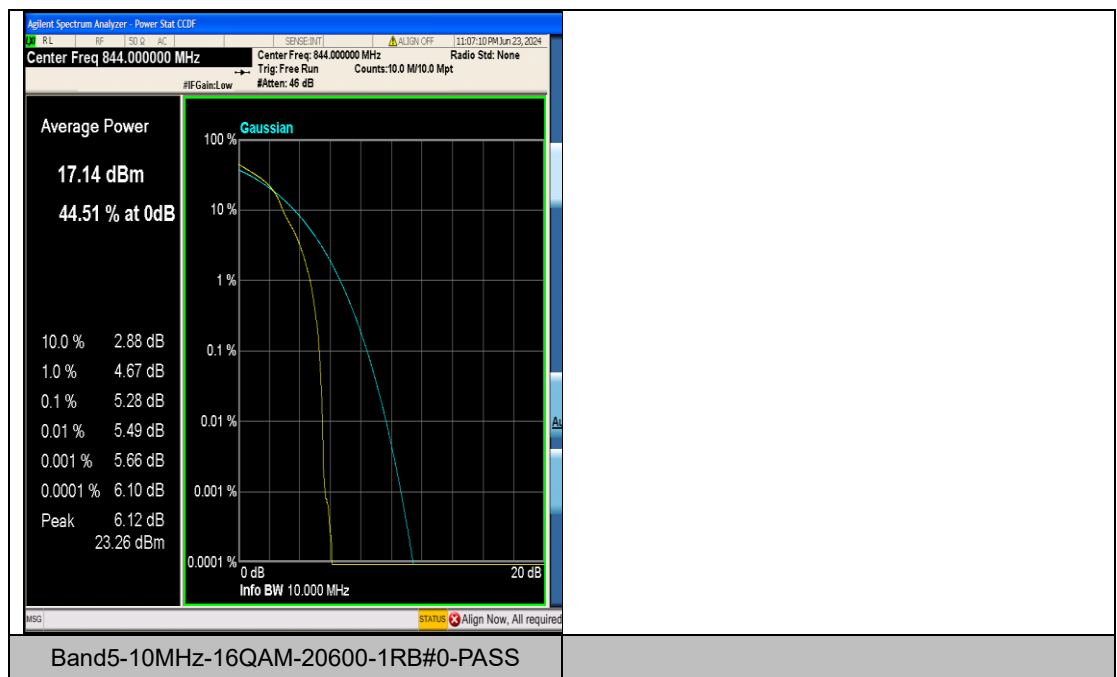










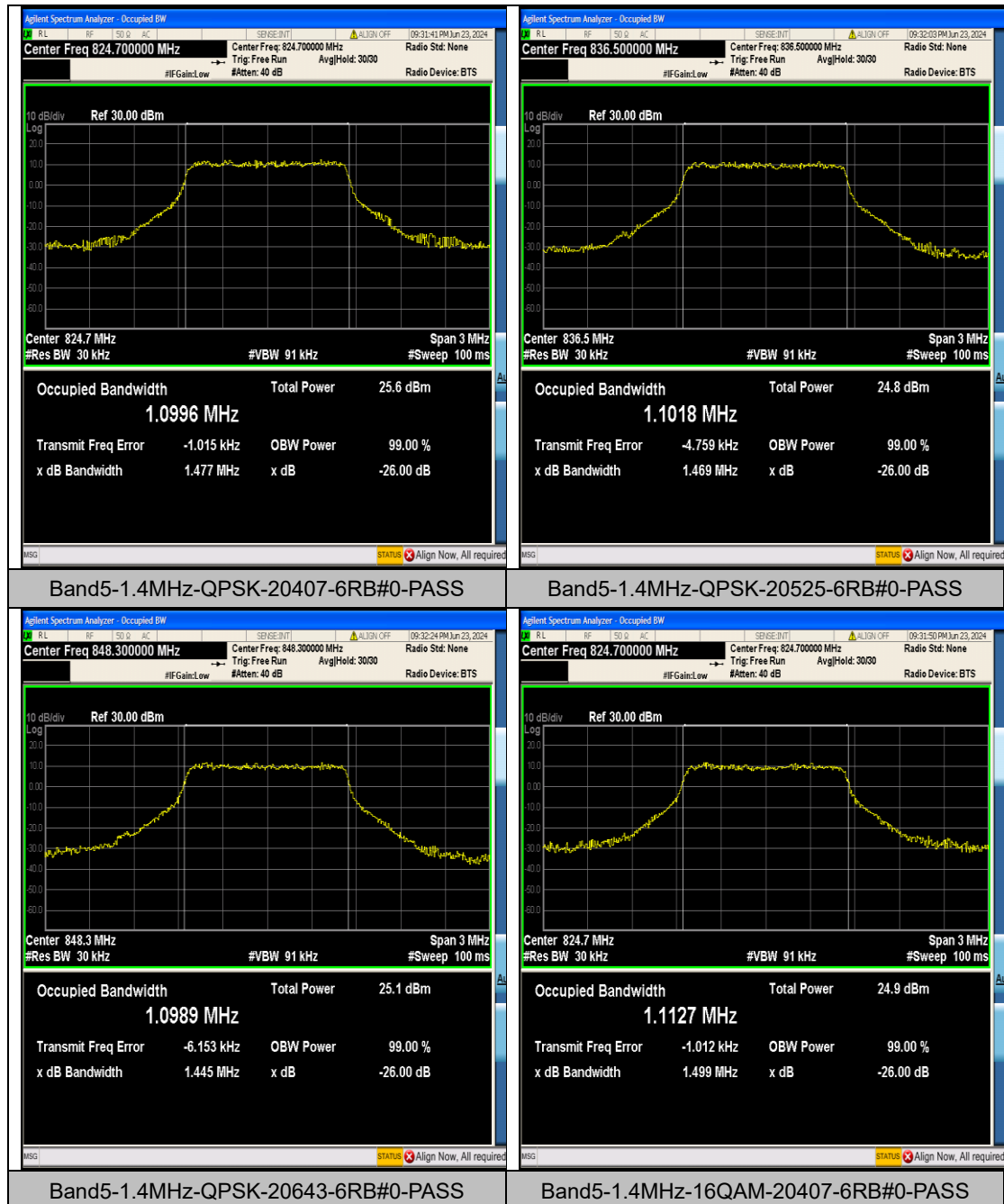


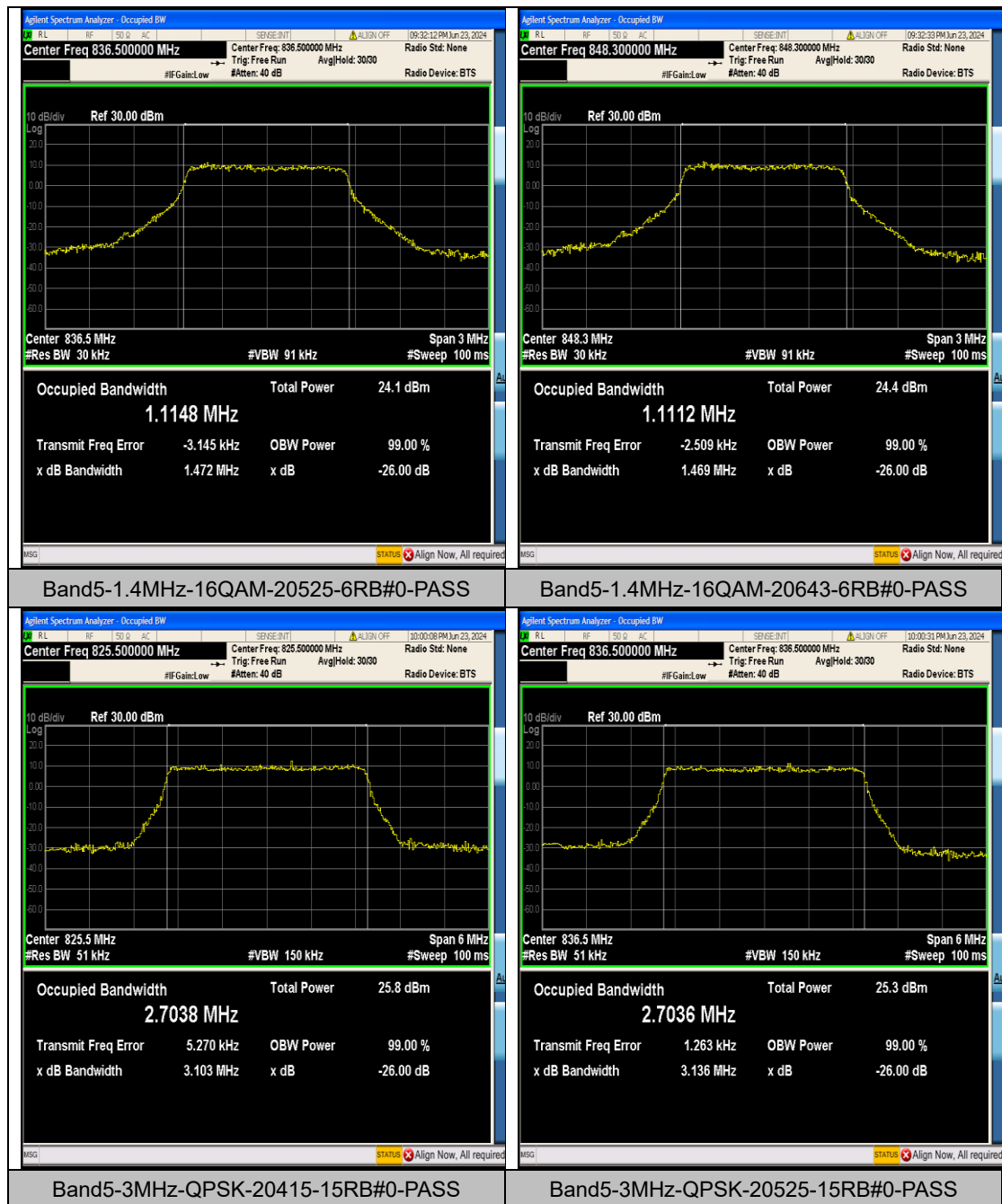
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

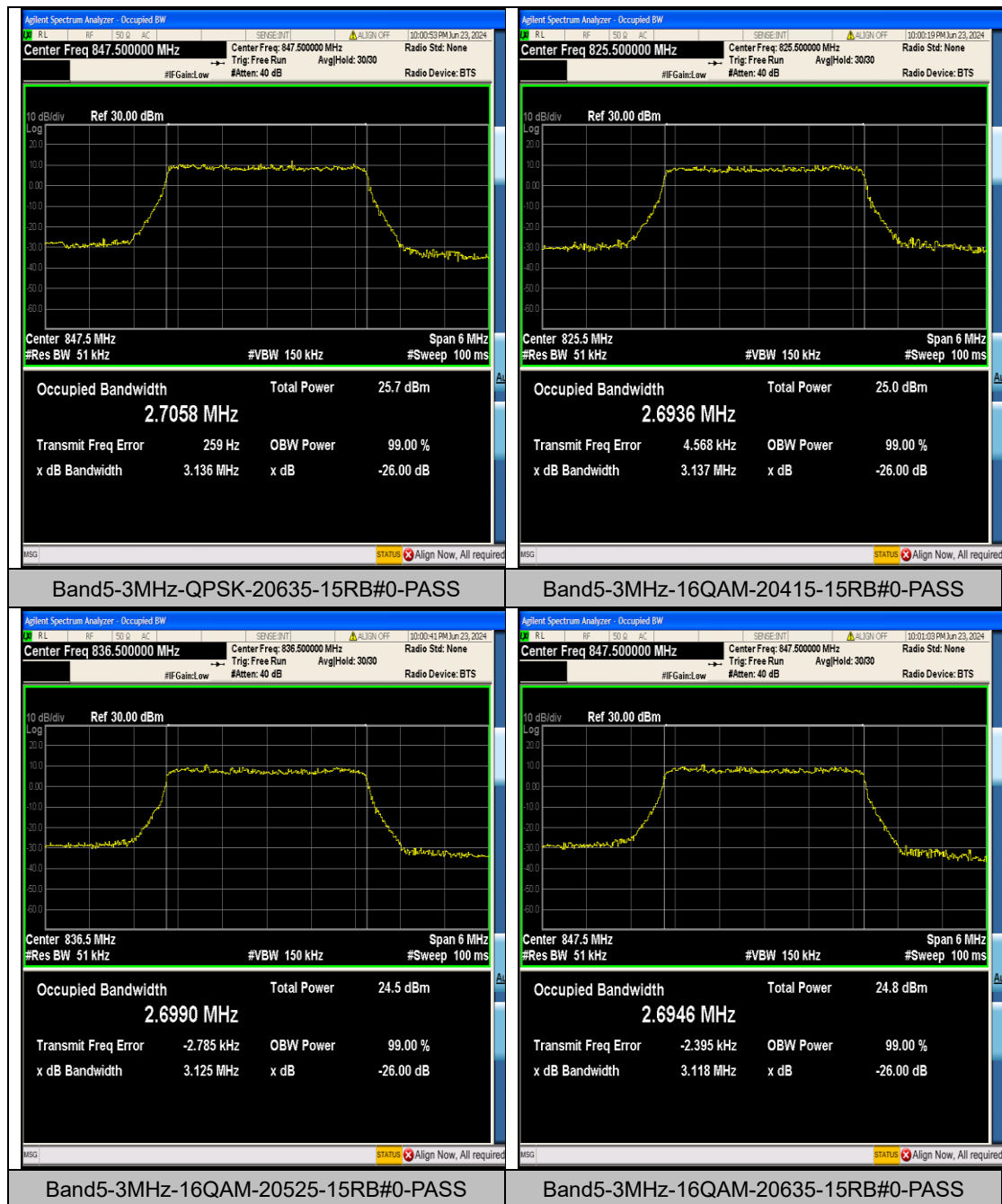
### Test Result

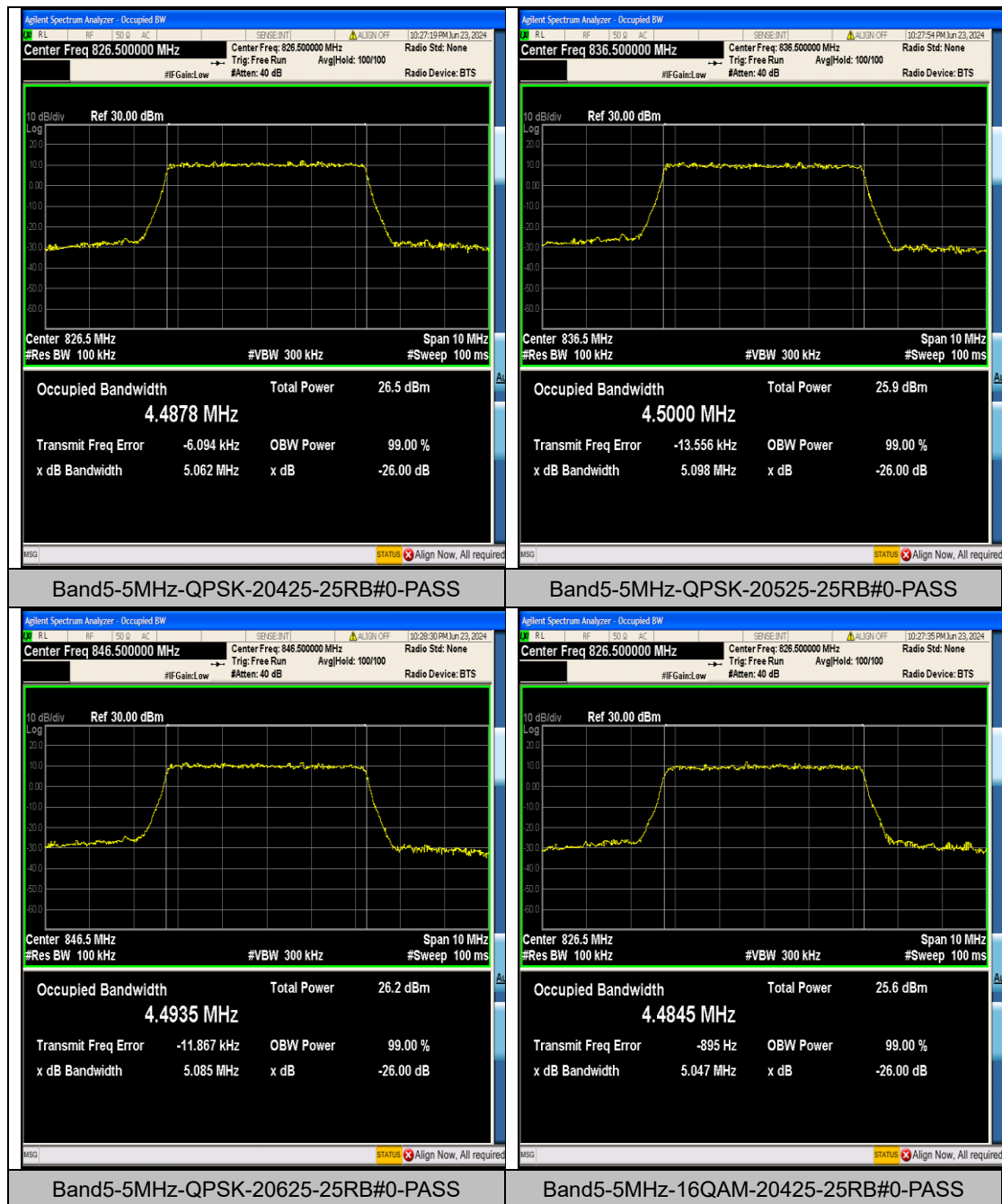
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.0996                   | 1.477                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.1018                   | 1.469                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.0989                   | 1.445                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.1127                   | 1.499                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.1148                   | 1.472                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.1112                   | 1.469                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.7038                   | 3.103                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.7036                   | 3.136                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.7058                   | 3.136                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.6936                   | 3.137                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.6990                   | 3.125                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.6946                   | 3.118                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.4878                   | 5.062                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.5000                   | 5.098                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.4935                   | 5.085                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.4845                   | 5.047                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.4915                   | 5.054                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.4875                   | 5.072                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.9457                   | 9.809                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.9922                   | 9.870                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.9582                   | 9.853                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 27RB#0           | 4.9522                   | 5.806                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 27RB#0           | 4.9791                   | 5.805                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 27RB#0           | 4.9648                   | 5.800                | PASS    |

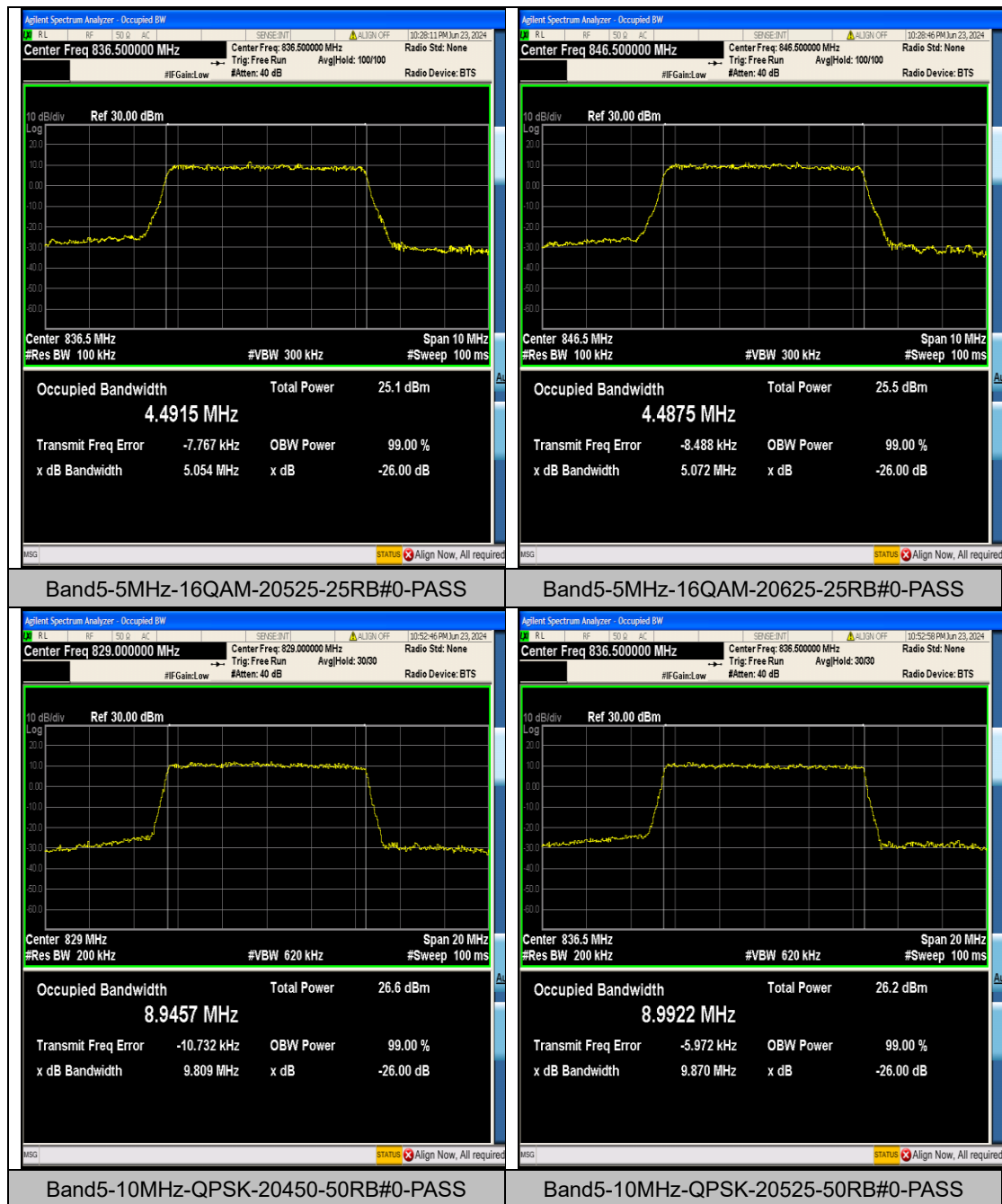
## Test Graphs

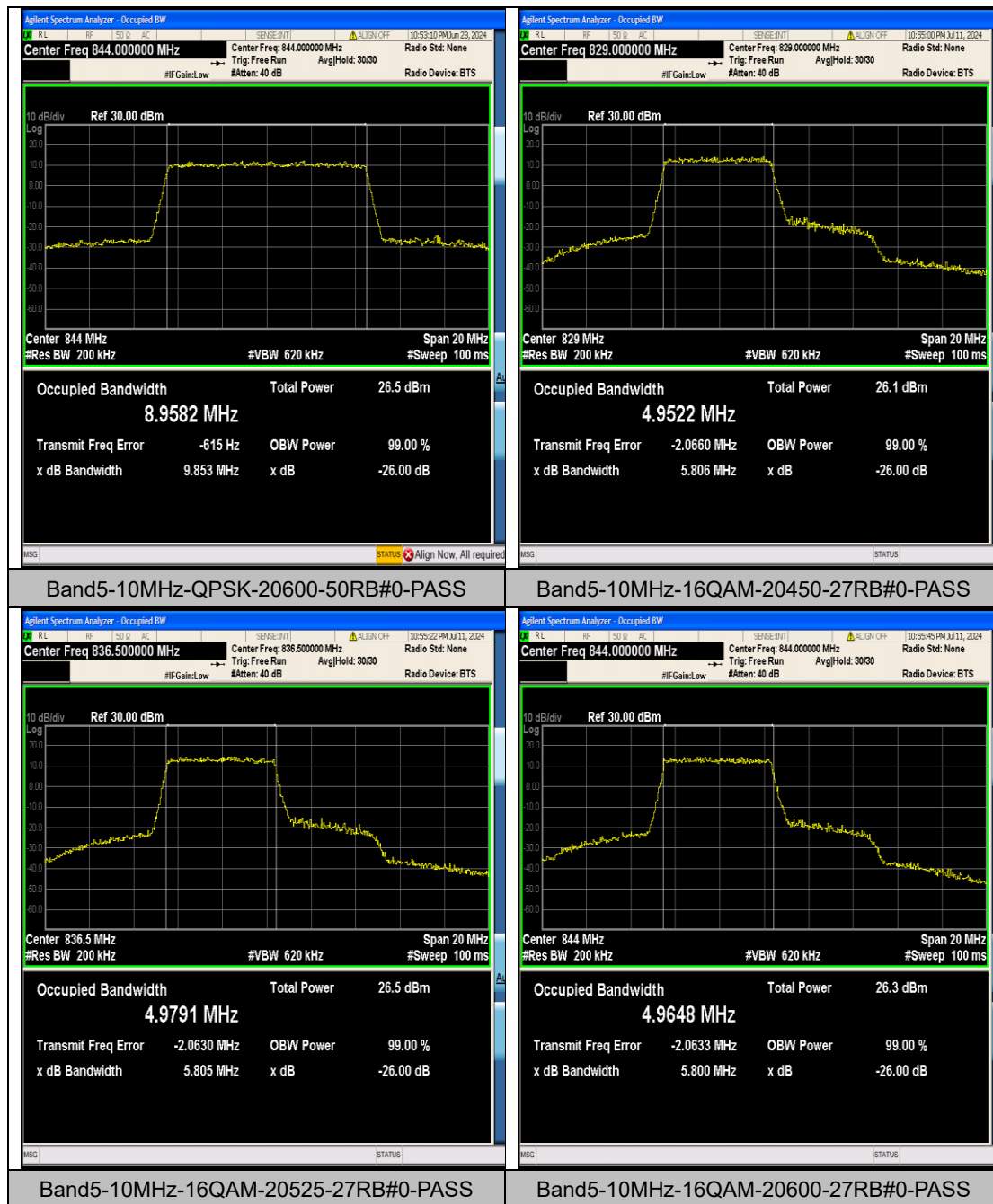












## Appendix D: Band Edge

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | -19.00      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | -26.18      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | -30.67      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | -33.45      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | -21.64      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | -29.83      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | -26.09      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | -32.90      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | -27.47      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | -36.54      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | -20.46      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | -26.18      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | -22.01      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#14           | -36.62      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | -32.26      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | -36.77      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | -23.97      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | -33.69      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | -23.56      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#14           | -37.59      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | -33.11      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | -37.84      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | -25.63      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | -34.56      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | -29.03      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#24           | -47.23      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | -36.61      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | -48.59      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#24           | -30.66      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | -39.37      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | -30.70      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#24           | -48.40      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | -37.02      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | -49.82      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#24           | -32.40      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | -40.45      | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 1RB#0            | -42.17      | PASS    |

|       |       |       |       |        |        |      |
|-------|-------|-------|-------|--------|--------|------|
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49 | -54.49 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | -38.08 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | -56.38 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49 | -44.87 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | -42.33 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | -42.70 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49 | -55.16 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | -56.59 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49 | -44.74 | PASS |

## Test Graphs

