

# Appendix-B LTE Band 7

## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#0            | 23.27        | 20.77      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#12           | 23.34        | 20.84      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 1RB#24           | 23.23        | 20.73      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 22.21        | 19.71      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#0            | 23.25        | 20.75      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#12           | 23.25        | 20.75      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 1RB#24           | 23.22        | 20.72      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 22.12        | 19.62      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#0            | 23.11        | 20.61      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#12           | 23.1         | 20.6       | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 1RB#24           | 23.09        | 20.59      | 33.00       | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 22.1         | 19.6       | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#0            | 22.11        | 19.61      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#12           | 22.17        | 19.67      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 1RB#24           | 22.34        | 19.84      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 21.16        | 18.66      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#0            | 22.21        | 19.71      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#12           | 22.13        | 19.63      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 1RB#24           | 22.29        | 19.79      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 21.13        | 18.63      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#0            | 22.04        | 19.54      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#12           | 22.27        | 19.77      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 1RB#24           | 22.04        | 19.54      | 33.00       | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 21.07        | 18.57      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 20775   | 1RB#0            | 17.39        | 14.89      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 20775   | 1RB#12           | 17.52        | 15.02      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 20775   | 1RB#24           | 17.33        | 14.83      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 20775   | 25RB#0           | 17.48        | 14.98      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21100   | 1RB#0            | 17.54        | 15.04      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21100   | 1RB#12           | 17.6         | 15.1       | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21100   | 1RB#24           | 17.49        | 14.99      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21100   | 25RB#0           | 17.43        | 14.93      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21425   | 1RB#0            | 17.22        | 14.72      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21425   | 1RB#12           | 17.28        | 14.78      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21425   | 1RB#24           | 17.28        | 14.78      | 33.00       | PASS    |
| Band7 | 5MHz      | 256QAM     | 21425   | 25RB#0           | 17.38        | 14.88      | 33.00       | PASS    |

|       |       |        |       |        |       |       |       |      |
|-------|-------|--------|-------|--------|-------|-------|-------|------|
| Band7 | 10MHz | QPSK   | 20800 | 1RB#0  | 23.16 | 20.66 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 20800 | 1RB#24 | 23.22 | 20.72 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 20800 | 1RB#49 | 23.2  | 20.7  | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 20800 | 50RB#0 | 22.21 | 19.71 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21100 | 1RB#0  | 23.05 | 20.55 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21100 | 1RB#24 | 23.23 | 20.73 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21100 | 1RB#49 | 23.14 | 20.64 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21100 | 50RB#0 | 22.13 | 19.63 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21400 | 1RB#0  | 23.05 | 20.55 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21400 | 1RB#24 | 23.09 | 20.59 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21400 | 1RB#49 | 23.01 | 20.51 | 33.00 | PASS |
| Band7 | 10MHz | QPSK   | 21400 | 50RB#0 | 22.13 | 19.63 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 20800 | 1RB#0  | 22.24 | 19.74 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 20800 | 1RB#24 | 22.23 | 19.73 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 20800 | 1RB#49 | 22.12 | 19.62 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 20800 | 50RB#0 | 21.23 | 18.73 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21100 | 1RB#0  | 22.24 | 19.74 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21100 | 1RB#24 | 22.11 | 19.61 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21100 | 1RB#49 | 22.11 | 19.61 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21100 | 50RB#0 | 21.15 | 18.65 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21400 | 1RB#0  | 21.97 | 19.47 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21400 | 1RB#24 | 22.2  | 19.7  | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21400 | 1RB#49 | 21.91 | 19.41 | 33.00 | PASS |
| Band7 | 10MHz | 16QAM  | 21400 | 50RB#0 | 21.1  | 18.6  | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 20800 | 1RB#0  | 20.42 | 17.92 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 20800 | 1RB#24 | 20.28 | 17.78 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 20800 | 1RB#49 | 20.32 | 17.82 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 20800 | 50RB#0 | 19.55 | 17.05 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21100 | 1RB#0  | 20.31 | 17.81 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21100 | 1RB#24 | 20.36 | 17.86 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21100 | 1RB#49 | 20.53 | 18.03 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21100 | 50RB#0 | 19.46 | 16.96 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21400 | 1RB#0  | 20.15 | 17.65 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21400 | 1RB#24 | 20.24 | 17.74 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21400 | 1RB#49 | 20.49 | 17.99 | 33.00 | PASS |
| Band7 | 10MHz | 64QAM  | 21400 | 50RB#0 | 19.28 | 16.78 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 1RB#0  | 17.27 | 14.77 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 1RB#24 | 17.73 | 15.23 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 1RB#49 | 17.3  | 14.8  | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 20800 | 50RB#0 | 17.52 | 15.02 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 1RB#0  | 17.52 | 15.02 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 1RB#24 | 17.57 | 15.07 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 1RB#49 | 17.38 | 14.88 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 21100 | 50RB#0 | 17.52 | 15.02 | 33.00 | PASS |

|       |       |        |       |        |       |       |       |      |
|-------|-------|--------|-------|--------|-------|-------|-------|------|
| Band7 | 10MHz | 256QAM | 21400 | 1RB#0  | 17.34 | 14.84 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 21400 | 1RB#24 | 17.28 | 14.78 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 21400 | 1RB#49 | 17.18 | 14.68 | 33.00 | PASS |
| Band7 | 10MHz | 256QAM | 21400 | 50RB#0 | 17.3  | 14.8  | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 20825 | 1RB#0  | 23.18 | 20.68 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 20825 | 1RB#38 | 23.15 | 20.65 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 20825 | 1RB#74 | 23.07 | 20.57 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 20825 | 75RB#0 | 22.19 | 19.69 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21100 | 1RB#0  | 23.13 | 20.63 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21100 | 1RB#38 | 23.17 | 20.67 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21100 | 1RB#74 | 23.01 | 20.51 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21100 | 75RB#0 | 22.08 | 19.58 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21375 | 1RB#0  | 23    | 20.5  | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21375 | 1RB#38 | 22.96 | 20.46 | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21375 | 1RB#74 | 23    | 20.5  | 33.00 | PASS |
| Band7 | 15MHz | QPSK   | 21375 | 75RB#0 | 22.09 | 19.59 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 20825 | 1RB#0  | 22.14 | 19.64 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 20825 | 1RB#38 | 22.01 | 19.51 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 20825 | 1RB#74 | 22.26 | 19.76 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 20825 | 75RB#0 | 21.26 | 18.76 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21100 | 1RB#0  | 21.98 | 19.48 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21100 | 1RB#38 | 22.2  | 19.7  | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21100 | 1RB#74 | 21.92 | 19.42 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21100 | 75RB#0 | 21.07 | 18.57 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21375 | 1RB#0  | 21.99 | 19.49 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21375 | 1RB#38 | 22.1  | 19.6  | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21375 | 1RB#74 | 21.82 | 19.32 | 33.00 | PASS |
| Band7 | 15MHz | 16QAM  | 21375 | 75RB#0 | 21.09 | 18.59 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 20825 | 1RB#0  | 20.73 | 18.23 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 20825 | 1RB#38 | 20.52 | 18.02 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 20825 | 1RB#74 | 20.32 | 17.82 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 20825 | 75RB#0 | 19.6  | 17.1  | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21100 | 1RB#0  | 20.53 | 18.03 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21100 | 1RB#38 | 20.48 | 17.98 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21100 | 1RB#74 | 20.17 | 17.67 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21100 | 75RB#0 | 19.39 | 16.89 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21375 | 1RB#0  | 20.27 | 17.77 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21375 | 1RB#38 | 20.13 | 17.63 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21375 | 1RB#74 | 20.32 | 17.82 | 33.00 | PASS |
| Band7 | 15MHz | 64QAM  | 21375 | 75RB#0 | 19.22 | 16.72 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 1RB#0  | 17.54 | 15.04 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 1RB#38 | 17.61 | 15.11 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 1RB#74 | 17.74 | 15.24 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 20825 | 75RB#0 | 17.64 | 15.14 | 33.00 | PASS |

|       |       |        |       |         |       |       |       |      |
|-------|-------|--------|-------|---------|-------|-------|-------|------|
| Band7 | 15MHz | 256QAM | 21100 | 1RB#0   | 17.62 | 15.12 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 21100 | 1RB#38  | 17.7  | 15.2  | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 21100 | 1RB#74  | 17.27 | 14.77 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 21100 | 75RB#0  | 17.5  | 15    | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 1RB#0   | 17.46 | 14.96 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 1RB#38  | 17.51 | 15.01 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 1RB#74  | 17.21 | 14.71 | 33.00 | PASS |
| Band7 | 15MHz | 256QAM | 21375 | 75RB#0  | 17.35 | 14.85 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 20850 | 1RB#0   | 23.21 | 20.71 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 20850 | 1RB#49  | 23.21 | 20.71 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 20850 | 1RB#99  | 23.13 | 20.63 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 20850 | 100RB#0 | 22.19 | 19.69 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21100 | 1RB#0   | 23.1  | 20.6  | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21100 | 1RB#49  | 23.11 | 20.61 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21100 | 1RB#99  | 23.08 | 20.58 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21100 | 100RB#0 | 22.09 | 19.59 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21350 | 1RB#0   | 22.99 | 20.49 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21350 | 1RB#49  | 23.1  | 20.6  | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21350 | 1RB#99  | 23.01 | 20.51 | 33.00 | PASS |
| Band7 | 20MHz | QPSK   | 21350 | 100RB#0 | 22.11 | 19.61 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 20850 | 1RB#0   | 22.11 | 19.61 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 20850 | 1RB#49  | 22.21 | 19.71 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 20850 | 1RB#99  | 21.82 | 19.32 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 20850 | 100RB#0 | 21.24 | 18.74 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21100 | 1RB#0   | 22.12 | 19.62 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21100 | 1RB#49  | 22.42 | 19.92 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21100 | 1RB#99  | 21.89 | 19.39 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21100 | 100RB#0 | 21.1  | 18.6  | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21350 | 1RB#0   | 22.18 | 19.68 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21350 | 1RB#49  | 22.24 | 19.74 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21350 | 1RB#99  | 22.02 | 19.52 | 33.00 | PASS |
| Band7 | 20MHz | 16QAM  | 21350 | 100RB#0 | 21.13 | 18.63 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 20850 | 1RB#0   | 20.51 | 18.01 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 20850 | 1RB#49  | 20.58 | 18.08 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 20850 | 1RB#99  | 20.32 | 17.82 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 20850 | 100RB#0 | 19.54 | 17.04 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21100 | 1RB#0   | 20.52 | 18.02 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21100 | 1RB#49  | 20.59 | 18.09 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21100 | 1RB#99  | 20.12 | 17.62 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21100 | 100RB#0 | 19.39 | 16.89 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21350 | 1RB#0   | 20.28 | 17.78 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21350 | 1RB#49  | 20.3  | 17.8  | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21350 | 1RB#99  | 20.13 | 17.63 | 33.00 | PASS |
| Band7 | 20MHz | 64QAM  | 21350 | 100RB#0 | 19.31 | 16.81 | 33.00 | PASS |

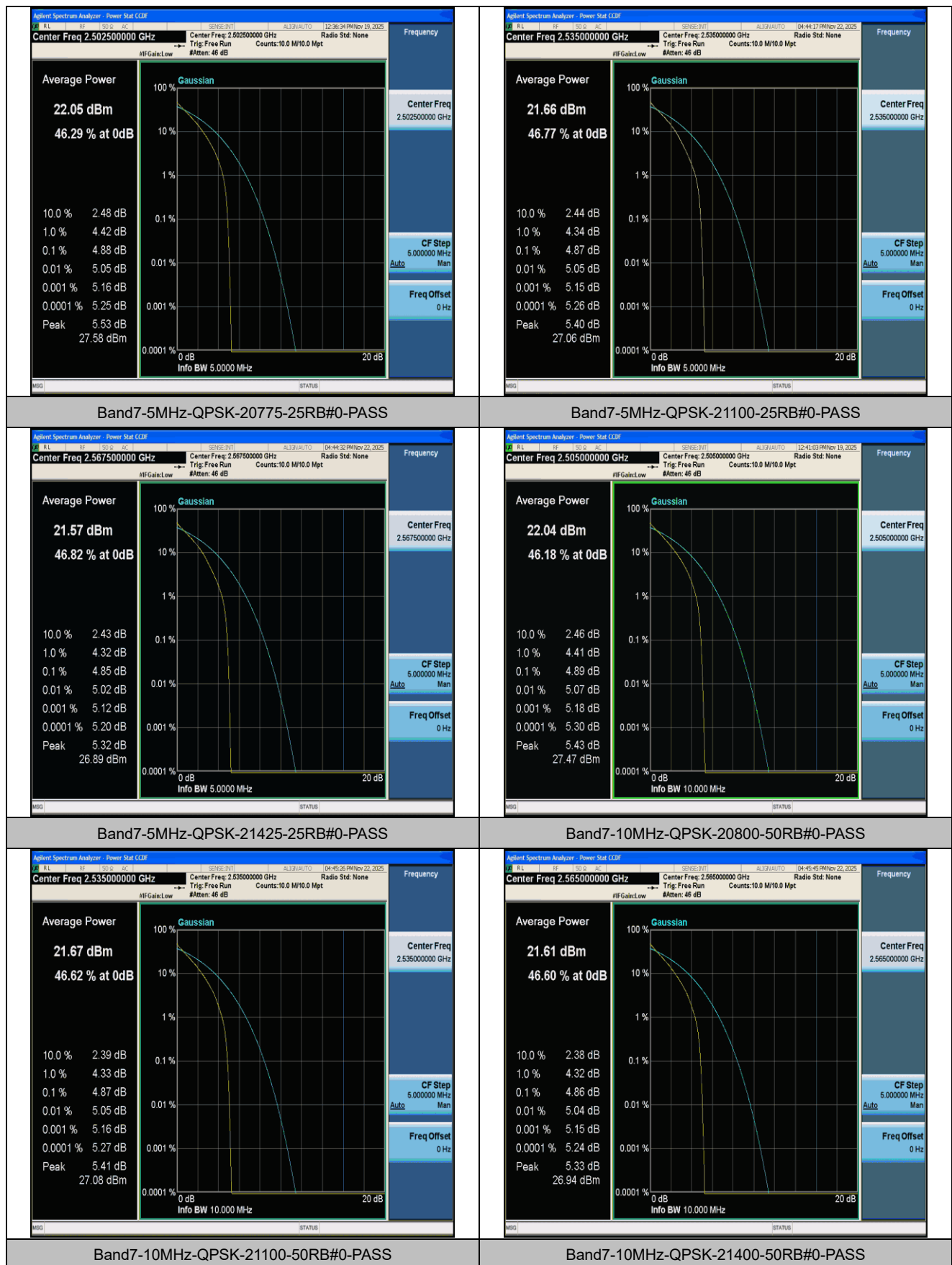
|       |       |        |       |         |       |       |       |      |
|-------|-------|--------|-------|---------|-------|-------|-------|------|
| Band7 | 20MHz | 256QAM | 20850 | 1RB#0   | 17.46 | 14.96 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 1RB#49  | 17.27 | 14.77 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 1RB#99  | 17.14 | 14.64 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 100RB#0 | 17.67 | 15.17 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 1RB#0   | 17.32 | 14.82 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 1RB#49  | 17.36 | 14.86 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 1RB#99  | 17.71 | 15.21 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 100RB#0 | 17.38 | 14.88 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 1RB#0   | 17.49 | 14.99 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 1RB#49  | 17.58 | 15.08 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 1RB#99  | 17.38 | 14.88 | 33.00 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 100RB#0 | 17.38 | 14.88 | 33.00 | PASS |

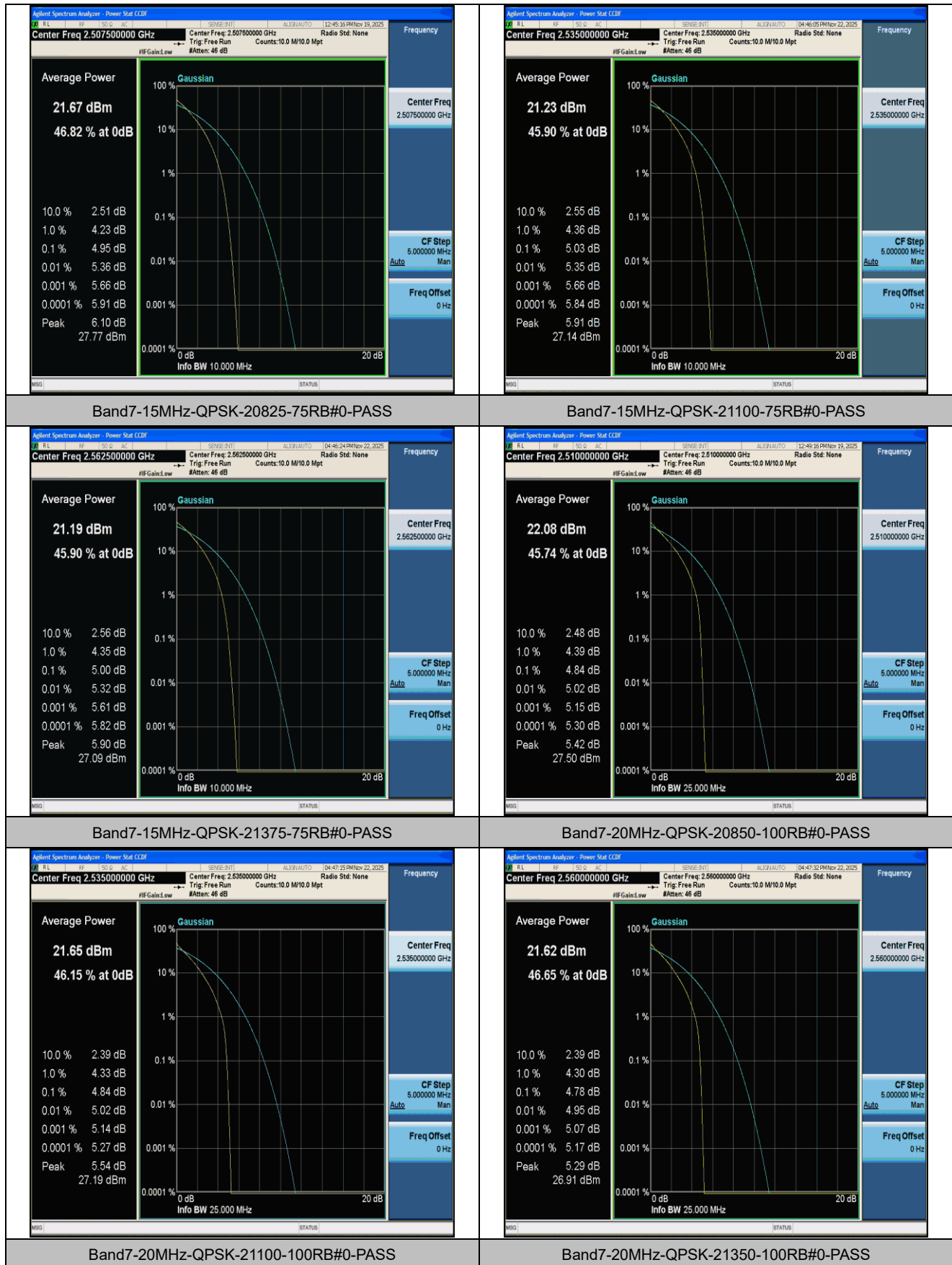
## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dB) | Limit (dB) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.88        | 13         | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.87        | 13         | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.85        | 13         | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 4.89        | 13         | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 4.87        | 13         | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 4.86        | 13         | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 4.95        | 13         | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 5.03        | 13         | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 5.00        | 13         | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 4.84        | 13         | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 4.84        | 13         | PASS    |
| Band7 | 20MHz     | QPSK       | 21350   | 100RB#0          | 4.78        | 13         | PASS    |

## Test Graphs





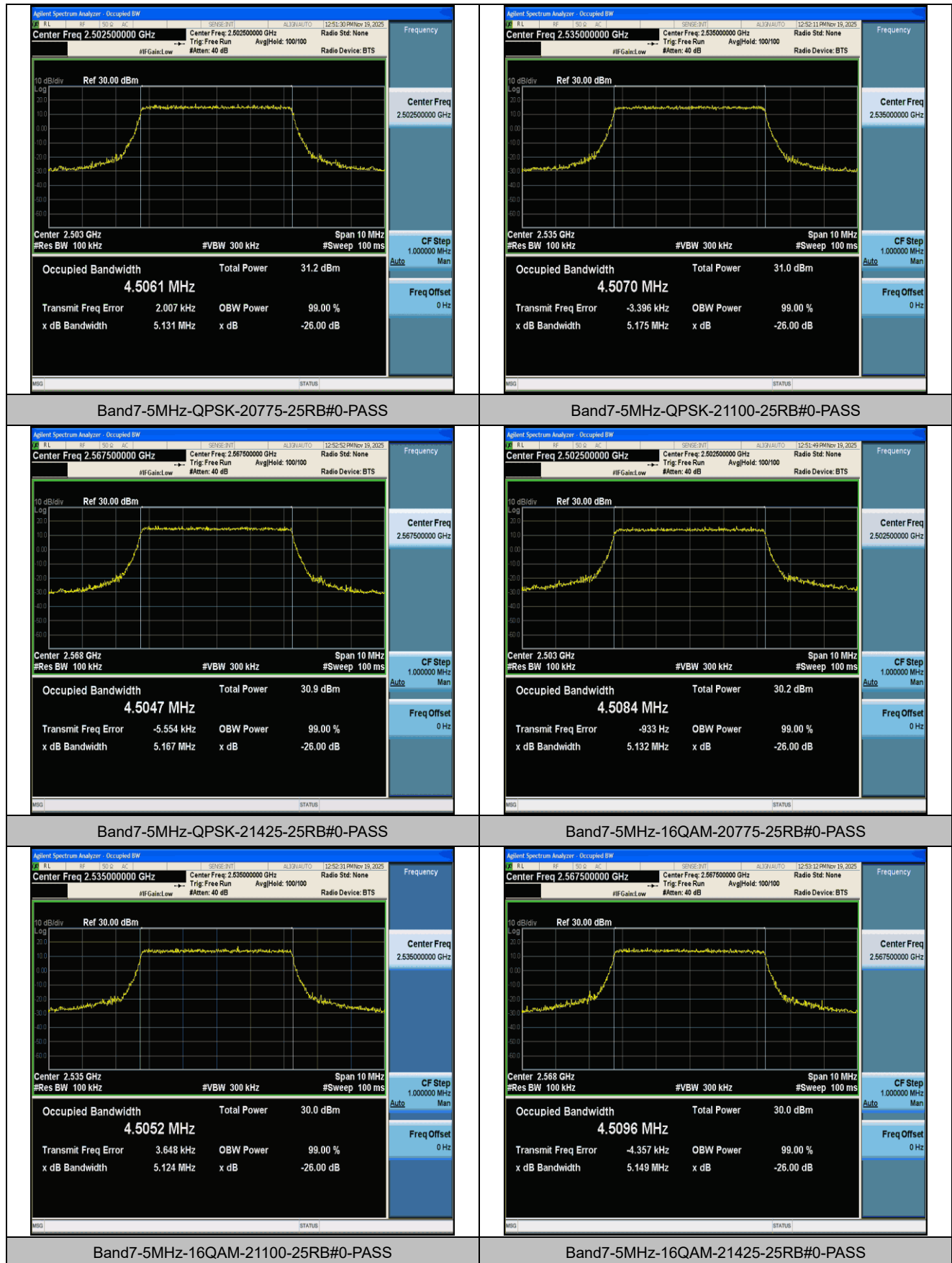
## 26dB Bandwidth and Occupied Bandwidth

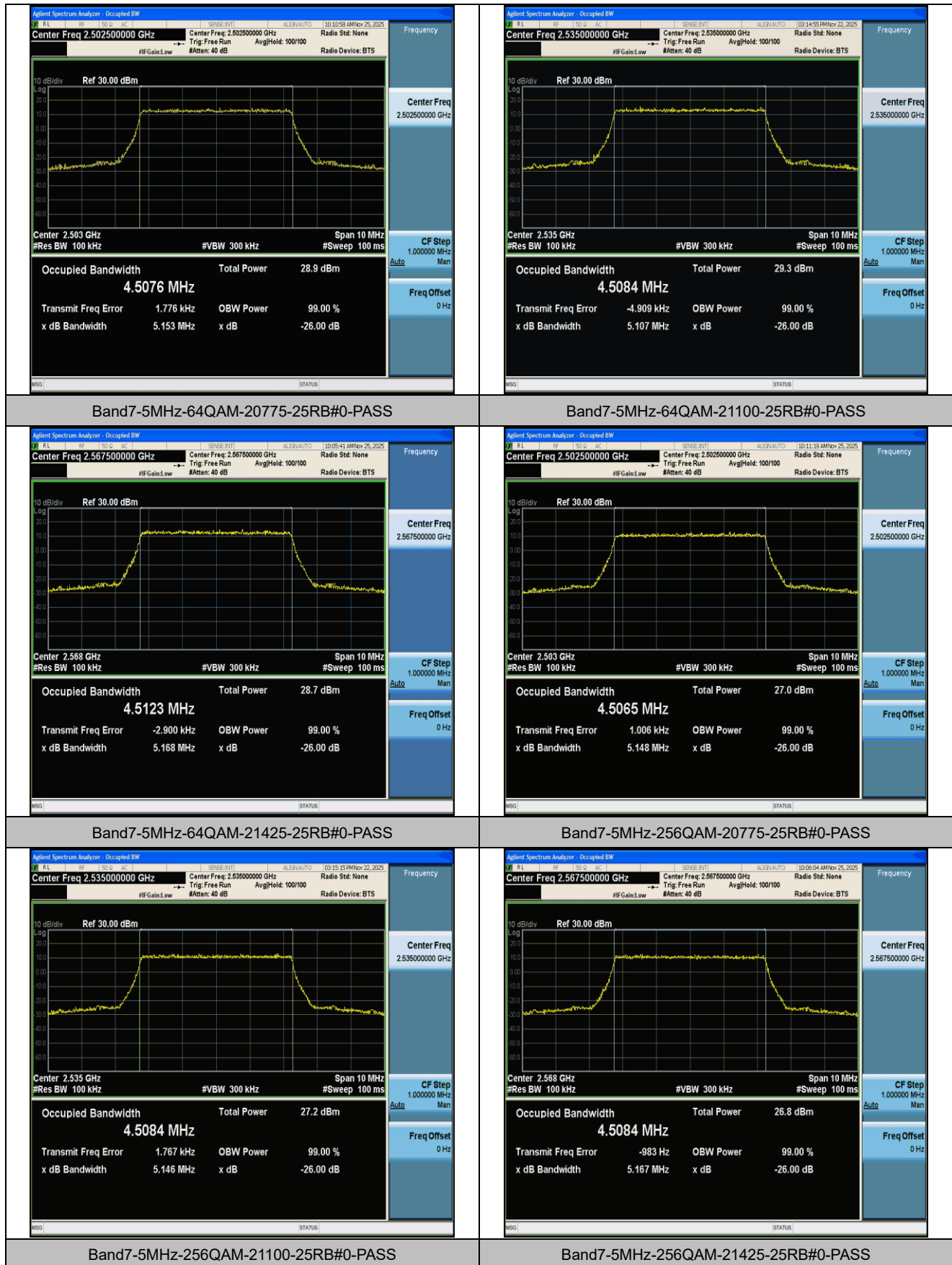
### Test Result

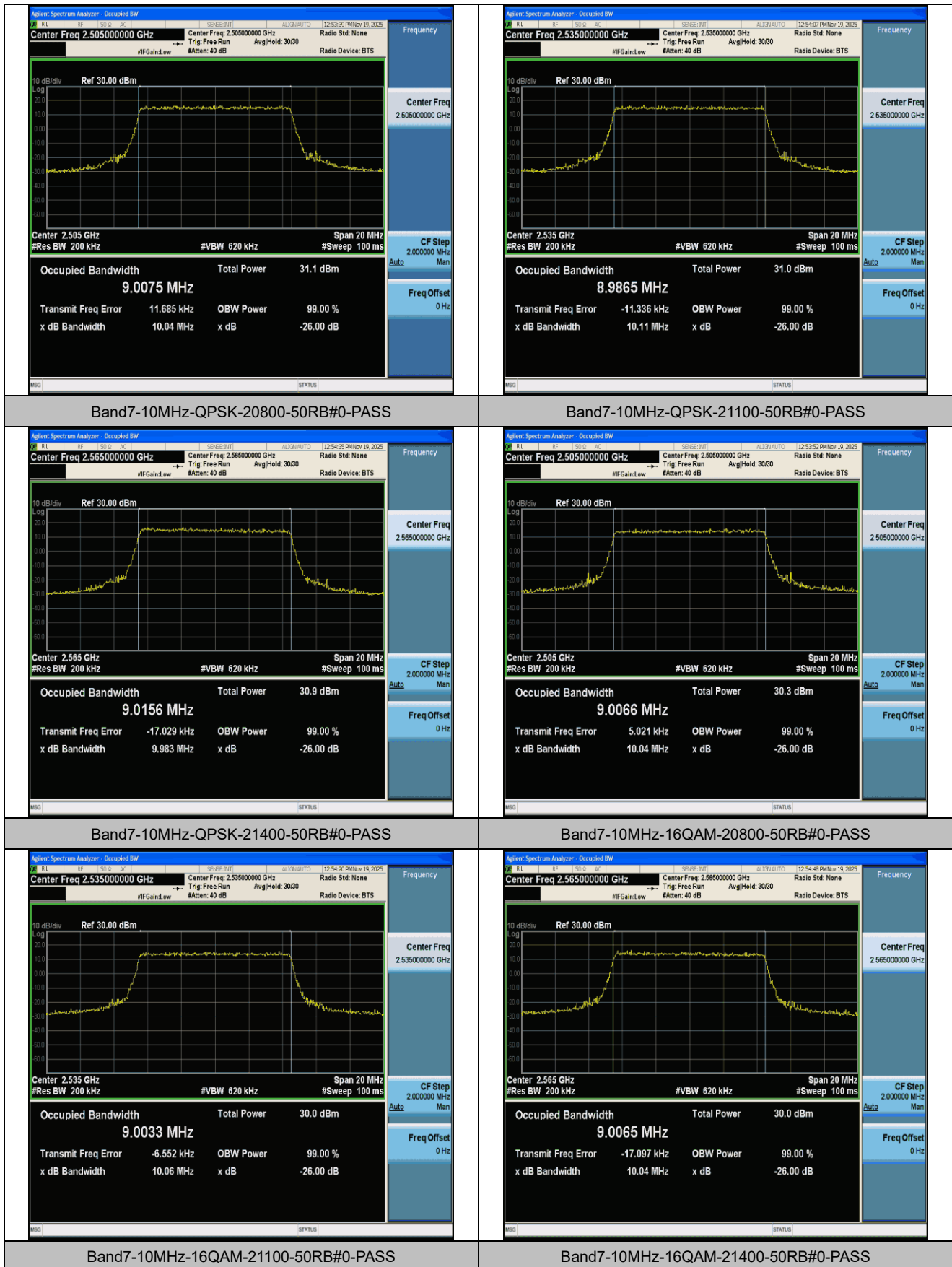
| Band  | Bandwidth | Modulation | Channel | RB Configuration | OBW (MHz) | 26dB EBW (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|-----------|----------------|---------|
| Band7 | 5MHz      | QPSK       | 20775   | 25RB#0           | 4.5061    | 5.131          | PASS    |
| Band7 | 5MHz      | QPSK       | 21100   | 25RB#0           | 4.5070    | 5.175          | PASS    |
| Band7 | 5MHz      | QPSK       | 21425   | 25RB#0           | 4.5047    | 5.167          | PASS    |
| Band7 | 5MHz      | 16QAM      | 20775   | 25RB#0           | 4.5084    | 5.132          | PASS    |
| Band7 | 5MHz      | 16QAM      | 21100   | 25RB#0           | 4.5052    | 5.124          | PASS    |
| Band7 | 5MHz      | 16QAM      | 21425   | 25RB#0           | 4.5096    | 5.149          | PASS    |
| Band7 | 5MHz      | 64QAM      | 20775   | 25RB#0           | 4.5076    | 5.153          | PASS    |
| Band7 | 5MHz      | 64QAM      | 21100   | 25RB#0           | 4.5084    | 5.107          | PASS    |
| Band7 | 5MHz      | 64QAM      | 21425   | 25RB#0           | 4.5123    | 5.168          | PASS    |
| Band7 | 5MHz      | 256QAM     | 20775   | 25RB#0           | 4.5065    | 5.148          | PASS    |
| Band7 | 5MHz      | 256QAM     | 21100   | 25RB#0           | 4.5084    | 5.146          | PASS    |
| Band7 | 5MHz      | 256QAM     | 21425   | 25RB#0           | 4.5084    | 5.167          | PASS    |
| Band7 | 10MHz     | QPSK       | 20800   | 50RB#0           | 9.0075    | 10.04          | PASS    |
| Band7 | 10MHz     | QPSK       | 21100   | 50RB#0           | 8.9865    | 10.11          | PASS    |
| Band7 | 10MHz     | QPSK       | 21400   | 50RB#0           | 9.0156    | 9.983          | PASS    |
| Band7 | 10MHz     | 16QAM      | 20800   | 50RB#0           | 9.0066    | 10.04          | PASS    |
| Band7 | 10MHz     | 16QAM      | 21100   | 50RB#0           | 9.0033    | 10.06          | PASS    |
| Band7 | 10MHz     | 16QAM      | 21400   | 50RB#0           | 9.0065    | 10.04          | PASS    |
| Band7 | 10MHz     | 64QAM      | 20800   | 50RB#0           | 9.0224    | 10.03          | PASS    |
| Band7 | 10MHz     | 64QAM      | 21100   | 50RB#0           | 9.0012    | 10.00          | PASS    |
| Band7 | 10MHz     | 64QAM      | 21400   | 50RB#0           | 8.9914    | 9.993          | PASS    |
| Band7 | 10MHz     | 256QAM     | 20800   | 50RB#0           | 8.9965    | 10.13          | PASS    |
| Band7 | 10MHz     | 256QAM     | 21100   | 50RB#0           | 9.0098    | 10.04          | PASS    |
| Band7 | 10MHz     | 256QAM     | 21400   | 50RB#0           | 9.0132    | 10.02          | PASS    |
| Band7 | 15MHz     | QPSK       | 20825   | 75RB#0           | 13.507    | 15.01          | PASS    |
| Band7 | 15MHz     | QPSK       | 21100   | 75RB#0           | 13.500    | 14.93          | PASS    |
| Band7 | 15MHz     | QPSK       | 21375   | 75RB#0           | 13.506    | 14.97          | PASS    |
| Band7 | 15MHz     | 16QAM      | 20825   | 75RB#0           | 13.476    | 14.92          | PASS    |
| Band7 | 15MHz     | 16QAM      | 21100   | 75RB#0           | 13.493    | 14.88          | PASS    |
| Band7 | 15MHz     | 16QAM      | 21375   | 75RB#0           | 13.490    | 15.02          | PASS    |
| Band7 | 15MHz     | 64QAM      | 20825   | 75RB#0           | 13.498    | 15.04          | PASS    |
| Band7 | 15MHz     | 64QAM      | 21100   | 75RB#0           | 13.483    | 14.94          | PASS    |
| Band7 | 15MHz     | 64QAM      | 21375   | 75RB#0           | 13.483    | 15.00          | PASS    |
| Band7 | 15MHz     | 256QAM     | 20825   | 75RB#0           | 13.494    | 14.81          | PASS    |
| Band7 | 15MHz     | 256QAM     | 21100   | 75RB#0           | 13.527    | 14.86          | PASS    |
| Band7 | 15MHz     | 256QAM     | 21375   | 75RB#0           | 13.498    | 15.06          | PASS    |
| Band7 | 20MHz     | QPSK       | 20850   | 100RB#0          | 17.965    | 19.85          | PASS    |
| Band7 | 20MHz     | QPSK       | 21100   | 100RB#0          | 17.994    | 19.83          | PASS    |

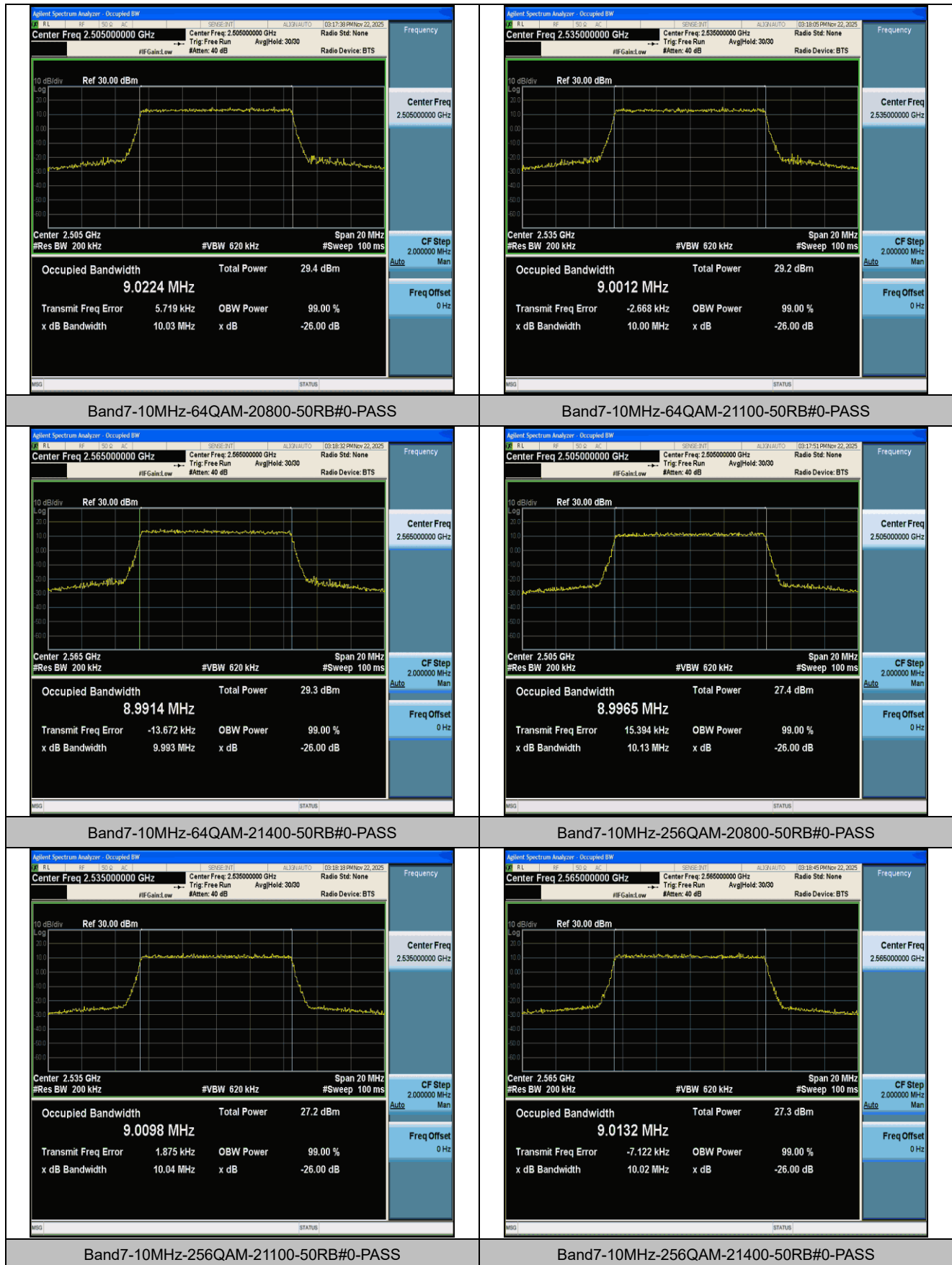
|       |       |        |       |         |        |       |      |
|-------|-------|--------|-------|---------|--------|-------|------|
| Band7 | 20MHz | QPSK   | 21350 | 100RB#0 | 17.945 | 19.71 | PASS |
| Band7 | 20MHz | 16QAM  | 20850 | 100RB#0 | 17.977 | 19.83 | PASS |
| Band7 | 20MHz | 16QAM  | 21100 | 100RB#0 | 17.992 | 19.77 | PASS |
| Band7 | 20MHz | 16QAM  | 21350 | 100RB#0 | 17.935 | 19.59 | PASS |
| Band7 | 20MHz | 64QAM  | 20850 | 100RB#0 | 17.975 | 19.73 | PASS |
| Band7 | 20MHz | 64QAM  | 21100 | 100RB#0 | 17.990 | 19.85 | PASS |
| Band7 | 20MHz | 64QAM  | 21350 | 100RB#0 | 17.951 | 19.68 | PASS |
| Band7 | 20MHz | 256QAM | 20850 | 100RB#0 | 17.969 | 19.82 | PASS |
| Band7 | 20MHz | 256QAM | 21100 | 100RB#0 | 18.000 | 19.70 | PASS |
| Band7 | 20MHz | 256QAM | 21350 | 100RB#0 | 17.967 | 19.66 | PASS |

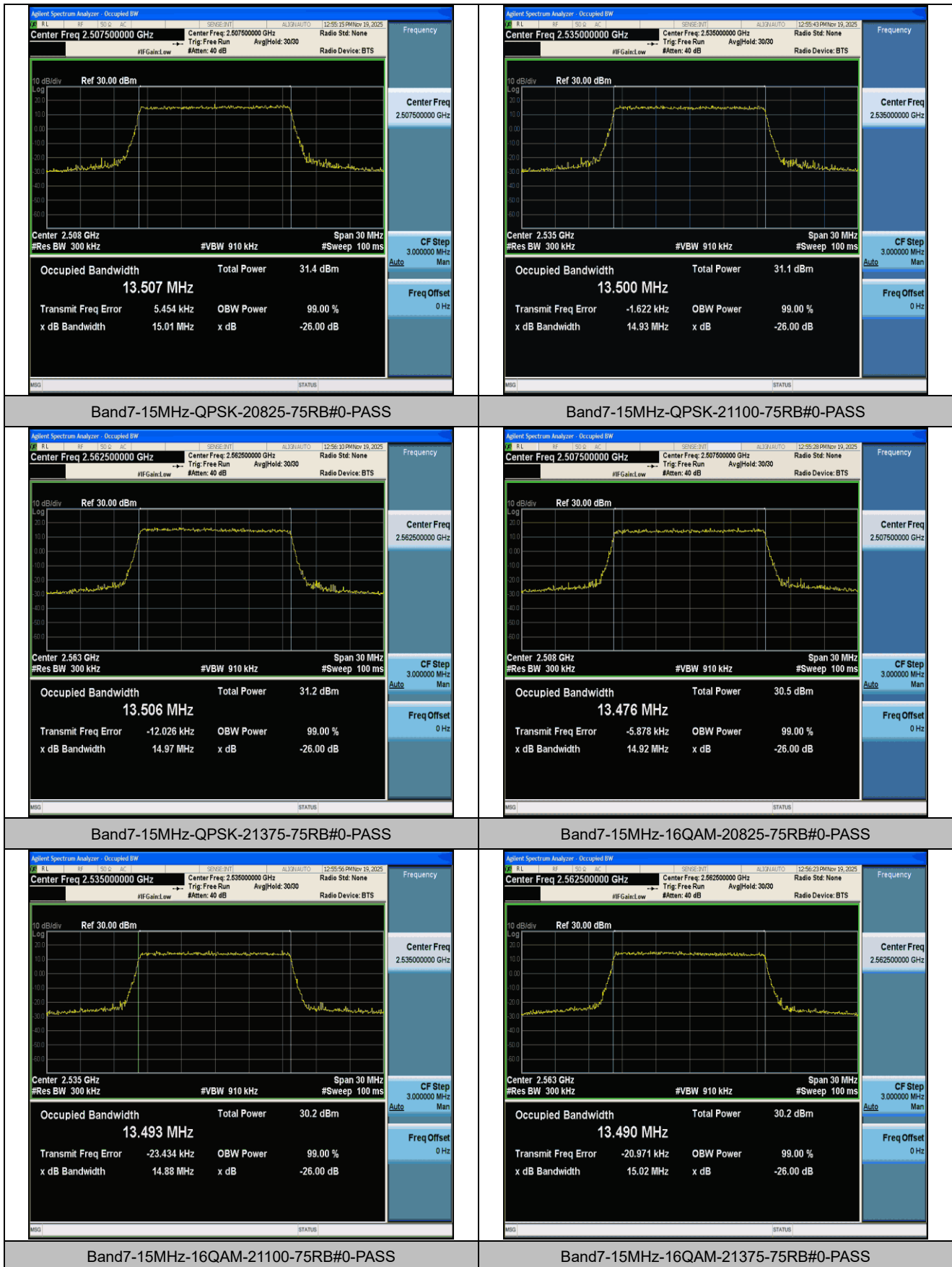
## Test Graphs



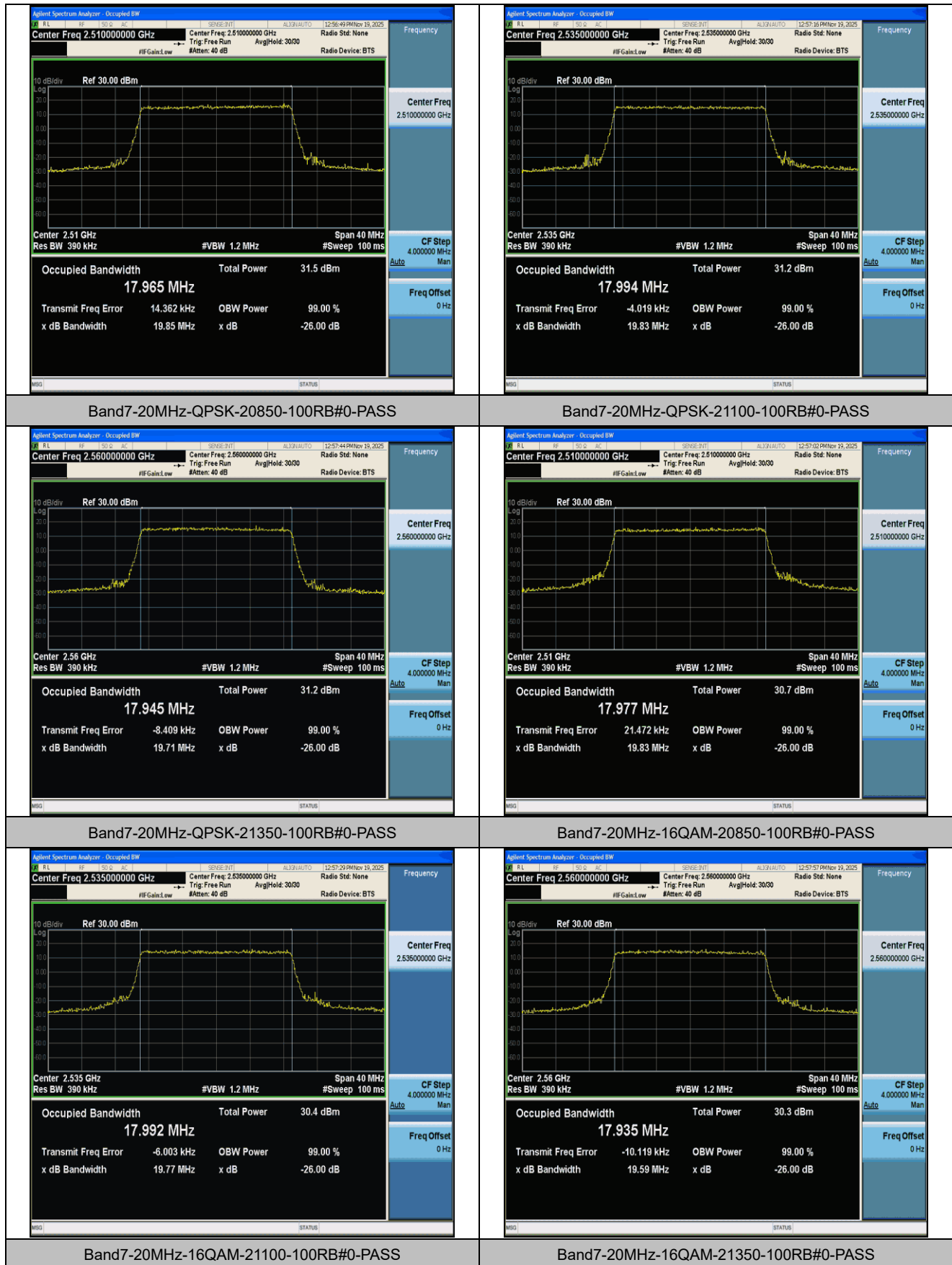


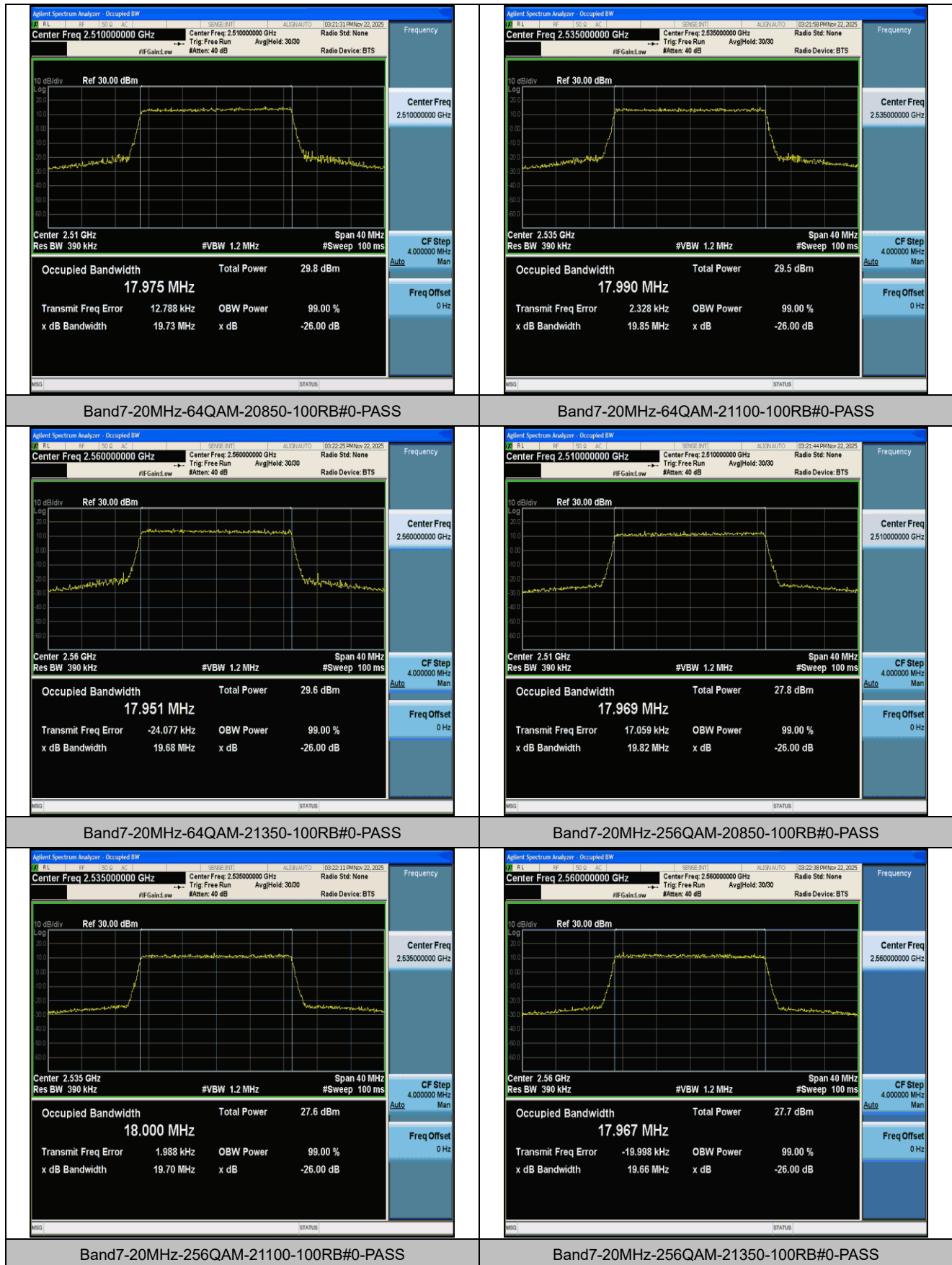






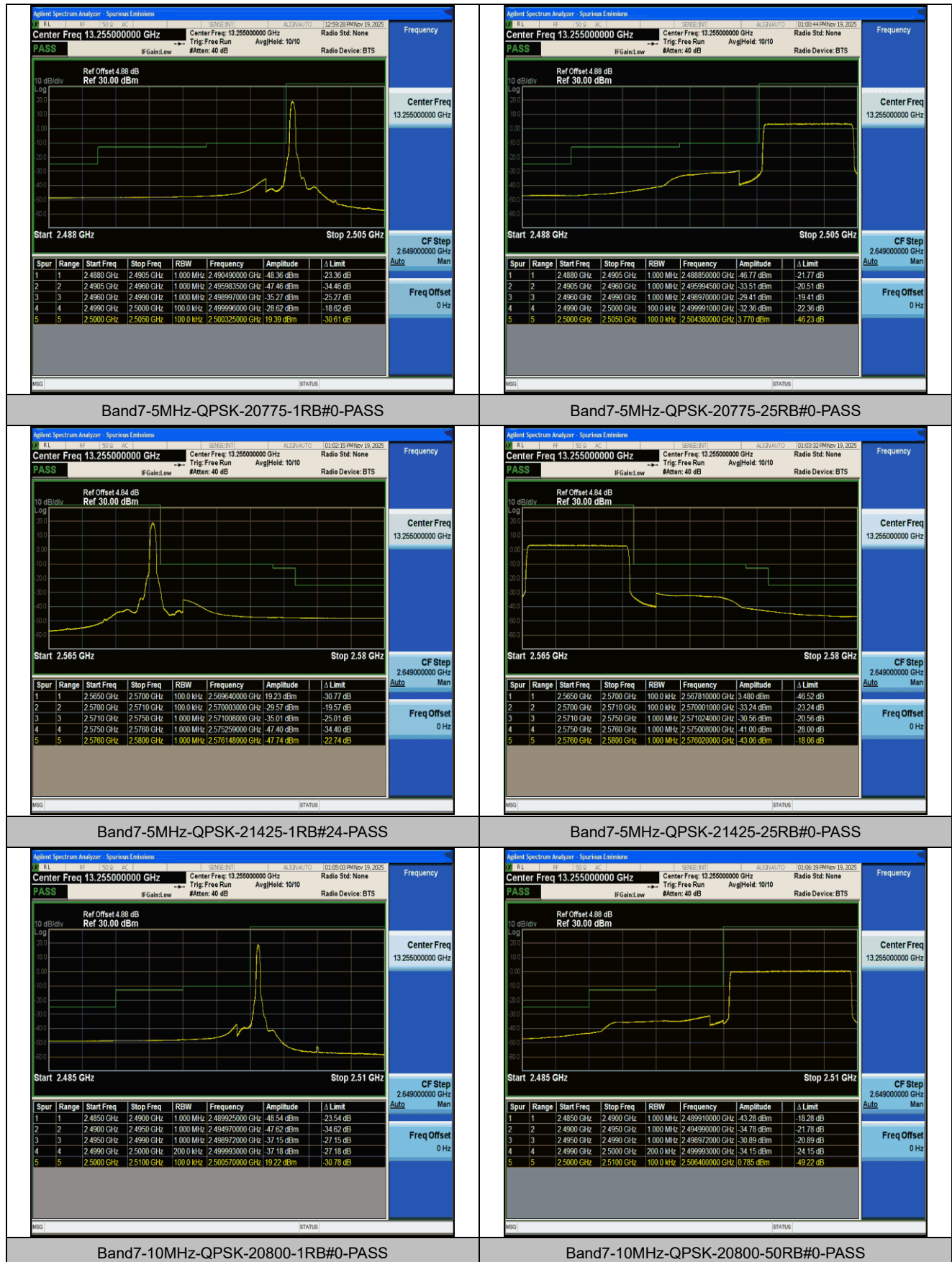


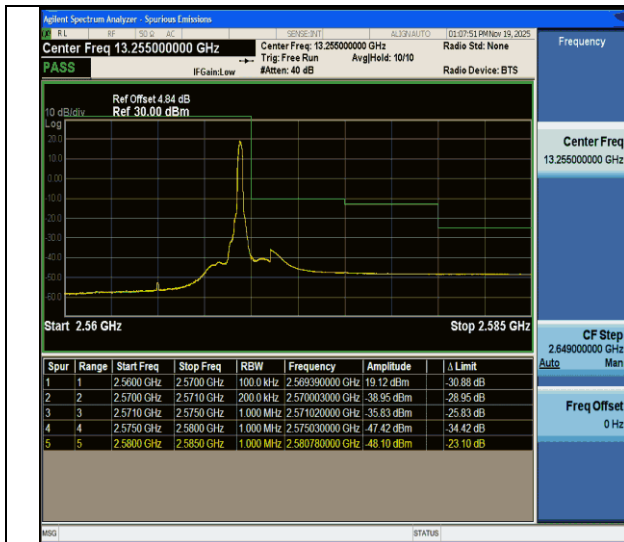




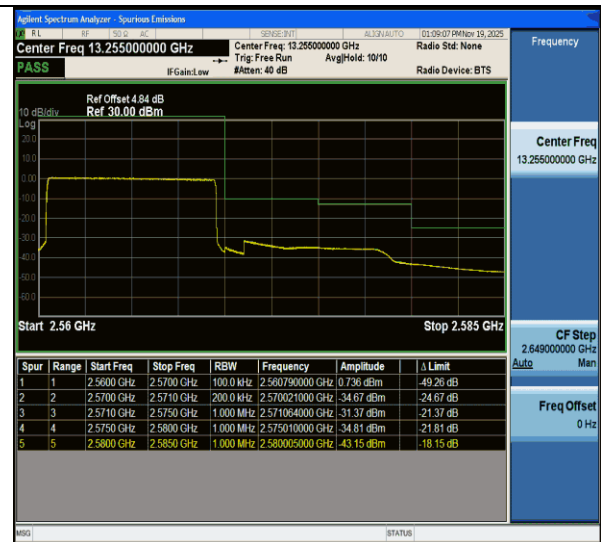
# Band Edge

## Test Graphs

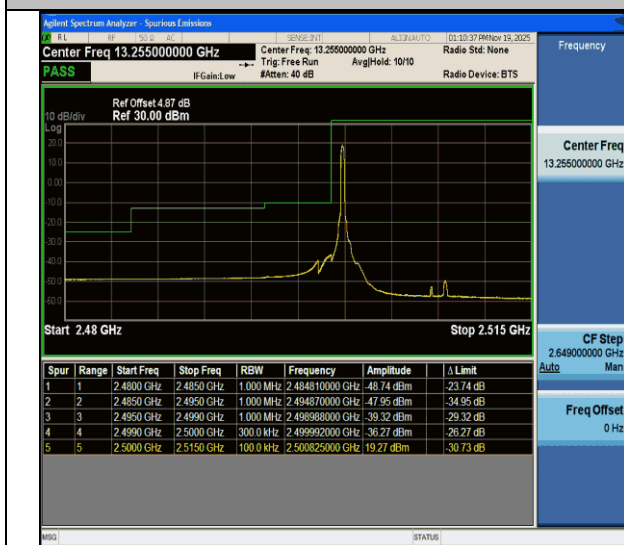




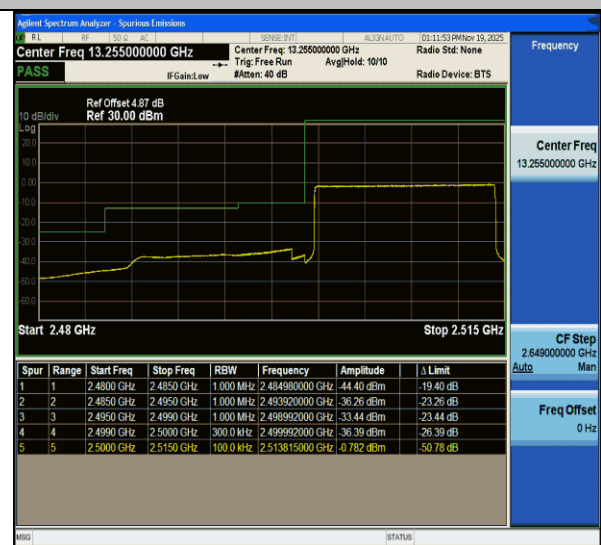
Band7-10MHz-QPSK-21400-1RB#49-PASS



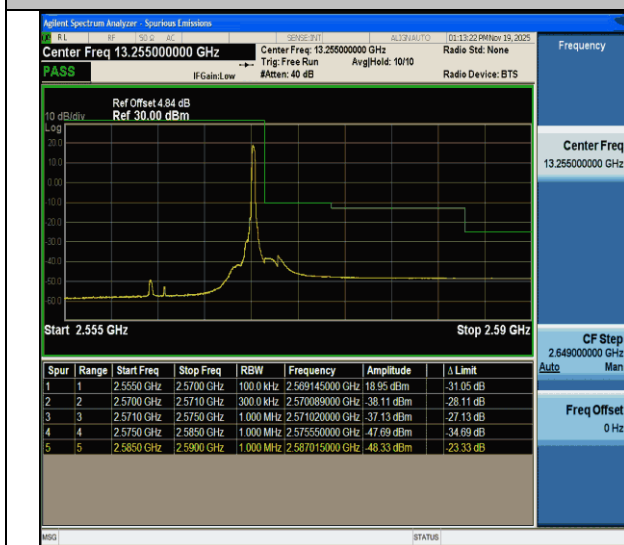
Band7-10MHz-QPSK-21400-50RB#0-PASS



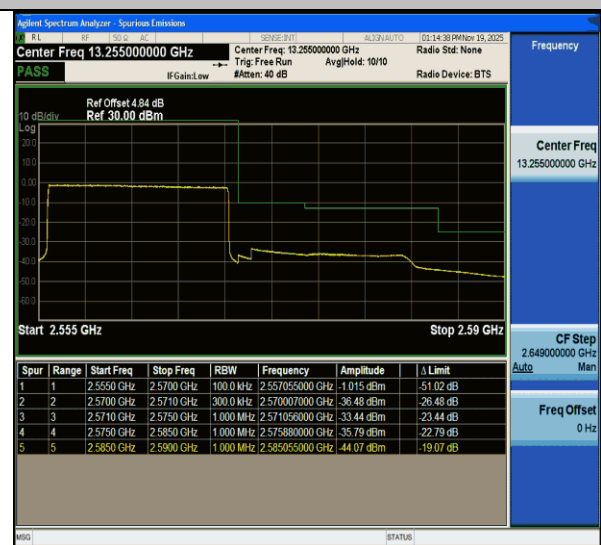
Band7-15MHz-QPSK-20825-1RB#0-PASS



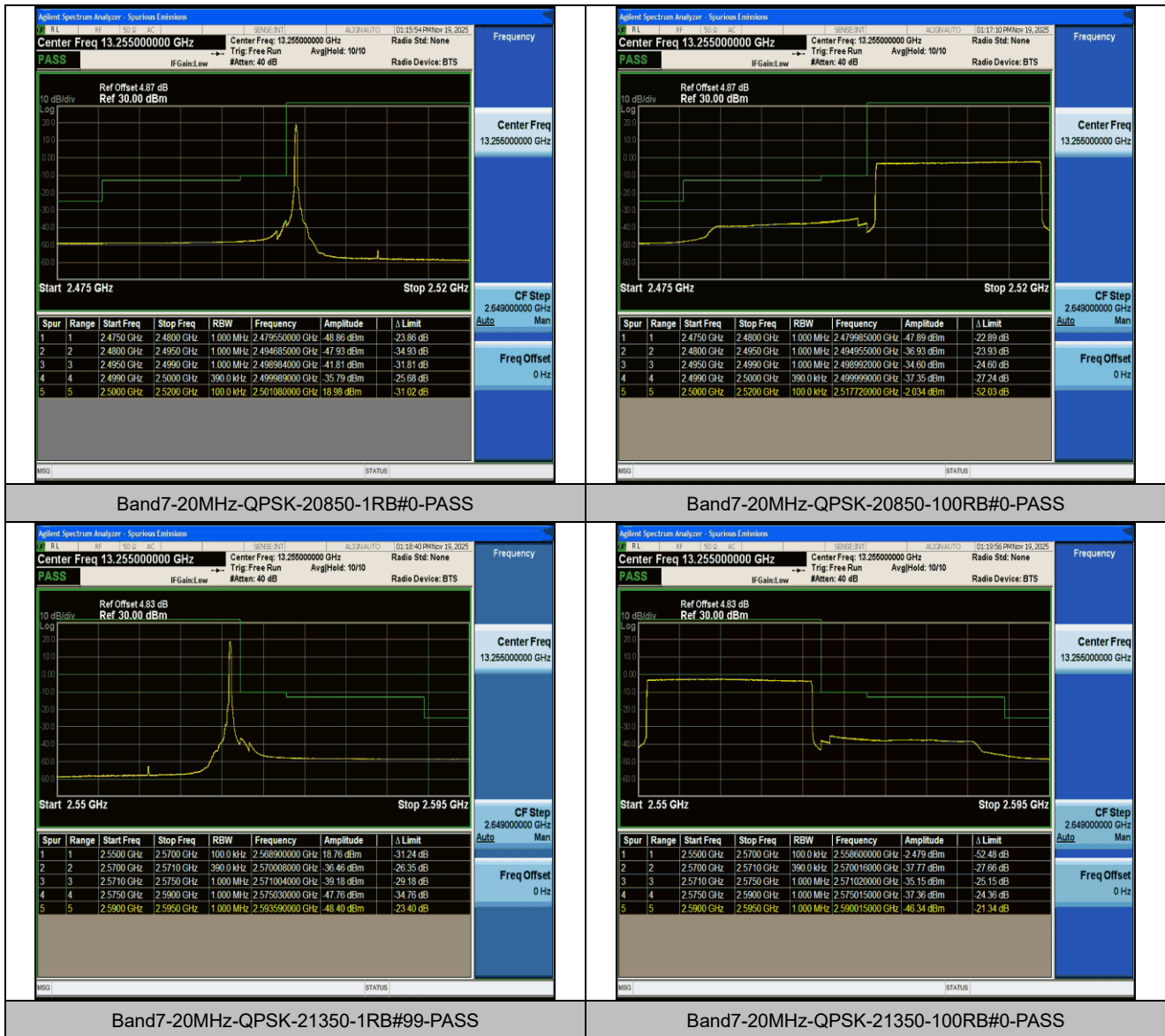
Band7-15MHz-QPSK-20825-75RB#0-PASS



Band7-15MHz-QPSK-21375-1RB#74-PASS

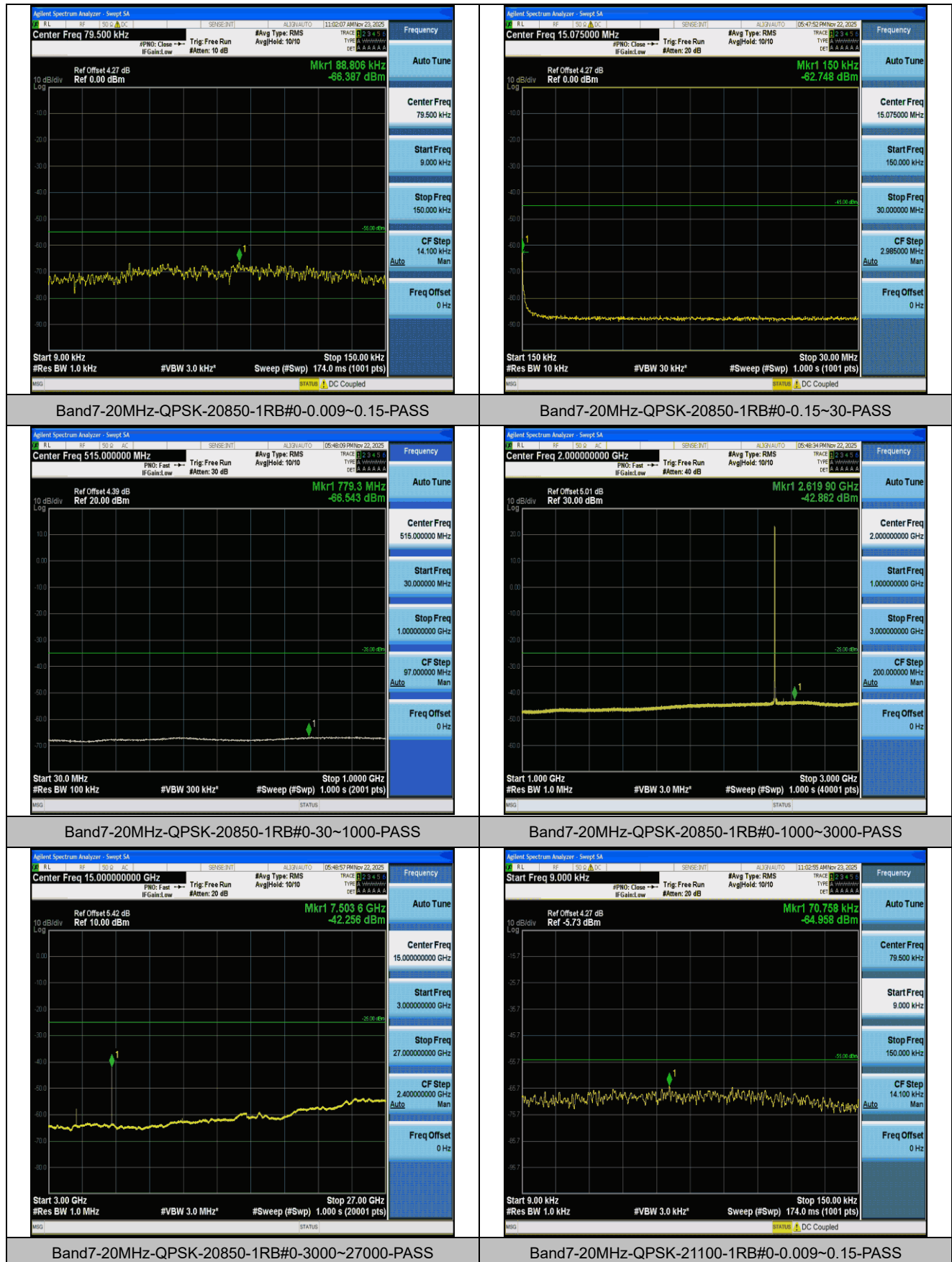


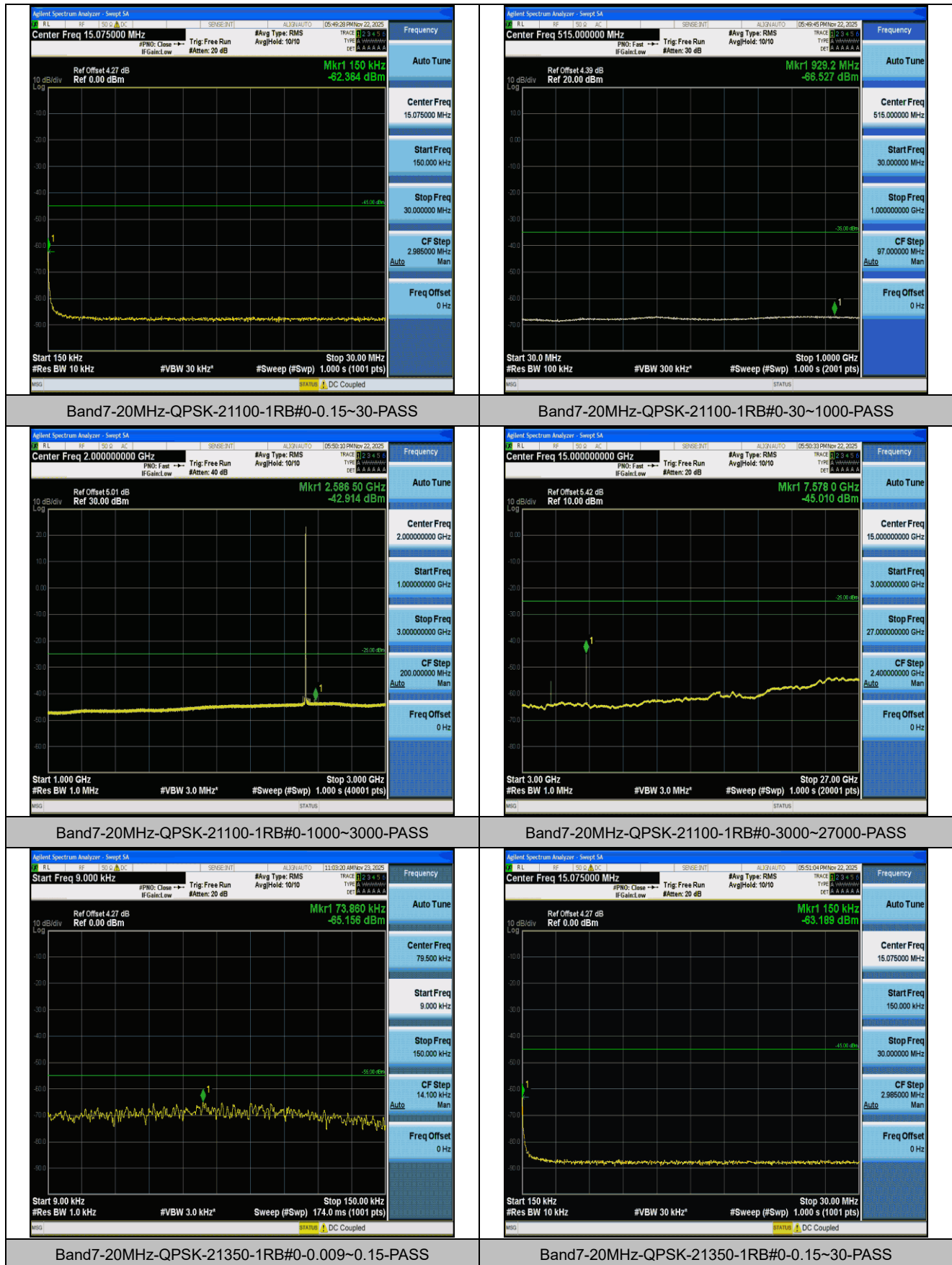
Band7-15MHz-QPSK-21375-75RB#0-PASS

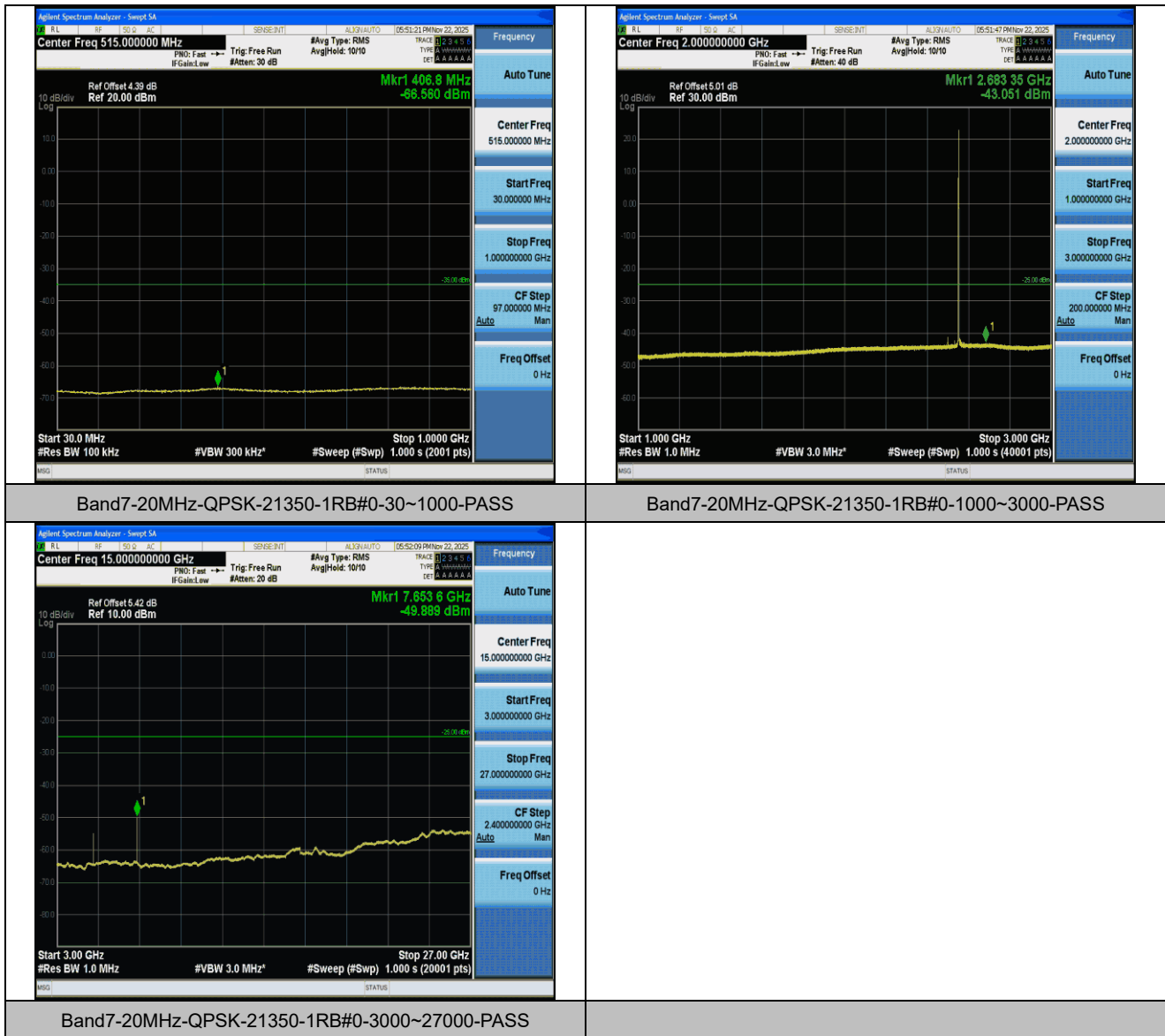


# Conducted Spurious Emission

## Test Graphs







## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VN            | NT               | -0.10          | -0.000039       | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VL            | NT               | 1.30           | 0.000513        | PASS    |
| Band7   | 20MHz     | QPSK       | 21100   | 100RB#0      | VH            | NT               | -1.70          | -0.000671       | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | -30              | -2.40          | -0.000947       | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | -20              | -6.20          | -0.002446       | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | -10              | 1.80           | 0.000710        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 0                | 1.00           | 0.000394        | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 10               | -5.00          | -0.001972       | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 20               | -2.50          | -0.000986       | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 30               | -4.00          | -0.001578       | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 40               | -0.10          | -0.000039       | PASS    |
| Band7       | 20MHz     | QPSK       | 21100   | 100RB#0      | NV            | 50               | -6.20          | -0.002446       | PASS    |

~The End~