

# Appendix-A LTE Band 41

## Effective (Isotropic) Radiated Power Output Data

### Test Result

Ant1:

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#0            | 25.77        | 29.77      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#0           | 24.84        | 28.84      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 24.82        | 28.82      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#6           | 24.85        | 28.85      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#12           | 25.87        | 29.87      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 12RB#13          | 24.83        | 28.83      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 39675   | 1RB#24           | 25.82        | 29.82      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#0            | 25.86        | 29.86      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#0           | 24.96        | 28.96      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 24.93        | 28.93      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#6           | 24.92        | 28.92      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#12           | 25.93        | 29.93      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 12RB#13          | 24.94        | 28.94      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 1RB#24           | 25.80        | 29.8       | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#0            | 25.76        | 29.76      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#0           | 24.90        | 28.9       | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 24.87        | 28.87      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#6           | 24.87        | 28.87      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#12           | 25.86        | 29.86      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 12RB#13          | 24.87        | 28.87      | 33.01       | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 1RB#24           | 25.82        | 29.82      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#0            | 25.26        | 29.26      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#0           | 23.88        | 27.88      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 23.86        | 27.86      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#6           | 23.94        | 27.94      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#12           | 25.27        | 29.27      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 12RB#13          | 23.90        | 27.9       | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 1RB#24           | 25.18        | 29.18      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#0            | 25.32        | 29.32      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#0           | 24.00        | 28         | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 23.94        | 27.94      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#6           | 24.02        | 28.02      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#12           | 25.33        | 29.33      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 12RB#13          | 23.96        | 27.96      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 1RB#24           | 25.14        | 29.14      | 33.01       | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 1RB#0            | 25.20        | 29.2       | 33.01       | PASS    |

|        |      |        |       |         |       |       |       |      |
|--------|------|--------|-------|---------|-------|-------|-------|------|
| Band41 | 5MHz | 16QAM  | 41565 | 12RB#0  | 23.91 | 27.91 | 33.01 | PASS |
| Band41 | 5MHz | 16QAM  | 41565 | 25RB#0  | 23.94 | 27.94 | 33.01 | PASS |
| Band41 | 5MHz | 16QAM  | 41565 | 12RB#6  | 23.95 | 27.95 | 33.01 | PASS |
| Band41 | 5MHz | 16QAM  | 41565 | 1RB#12  | 25.27 | 29.27 | 33.01 | PASS |
| Band41 | 5MHz | 16QAM  | 41565 | 12RB#13 | 23.92 | 27.92 | 33.01 | PASS |
| Band41 | 5MHz | 16QAM  | 41565 | 1RB#24  | 25.33 | 29.33 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 39675 | 1RB#0   | 24.17 | 28.17 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 39675 | 12RB#0  | 23.00 | 27    | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 39675 | 25RB#0  | 23.01 | 27.01 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 39675 | 12RB#6  | 23.01 | 27.01 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 39675 | 1RB#12  | 24.16 | 28.16 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 39675 | 12RB#13 | 22.99 | 26.99 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 39675 | 1RB#24  | 24.19 | 28.19 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 40620 | 1RB#0   | 24.18 | 28.18 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 40620 | 12RB#0  | 23.04 | 27.04 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 40620 | 25RB#0  | 23.04 | 27.04 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 40620 | 12RB#6  | 23.08 | 27.08 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 40620 | 1RB#12  | 24.26 | 28.26 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 40620 | 12RB#13 | 23.05 | 27.05 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 40620 | 1RB#24  | 24.11 | 28.11 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 41565 | 1RB#0   | 24.09 | 28.09 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 41565 | 12RB#0  | 23.02 | 27.02 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 41565 | 25RB#0  | 23.00 | 27    | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 41565 | 12RB#6  | 23.00 | 27    | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 41565 | 1RB#12  | 24.16 | 28.16 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 41565 | 12RB#13 | 22.99 | 26.99 | 33.01 | PASS |
| Band41 | 5MHz | 64QAM  | 41565 | 1RB#24  | 24.09 | 28.09 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 1RB#0   | 20.94 | 24.94 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 12RB#0  | 21.06 | 25.06 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 25RB#0  | 21.29 | 25.29 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 12RB#6  | 20.95 | 24.95 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 1RB#12  | 21.13 | 25.13 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 12RB#13 | 21.15 | 25.15 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 39675 | 1RB#24  | 21.27 | 25.27 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 1RB#0   | 21.03 | 25.03 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 12RB#0  | 21.14 | 25.14 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 25RB#0  | 20.91 | 24.91 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 12RB#6  | 21.03 | 25.03 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 1RB#12  | 20.74 | 24.74 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 12RB#13 | 21.03 | 25.03 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 40620 | 1RB#24  | 21.16 | 25.16 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 1RB#0   | 20.09 | 24.09 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 12RB#0  | 20.93 | 24.93 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 25RB#0  | 20.95 | 24.95 | 33.01 | PASS |
| Band41 | 5MHz | 256QAM | 41565 | 12RB#6  | 21.10 | 25.1  | 33.01 | PASS |

|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band41 | 5MHz  | 256QAM | 41565 | 1RB#12  | 21.07 | 25.07 | 33.01 | PASS |
| Band41 | 5MHz  | 256QAM | 41565 | 12RB#13 | 21.06 | 25.06 | 33.01 | PASS |
| Band41 | 5MHz  | 256QAM | 41565 | 1RB#24  | 21.10 | 25.1  | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 39700 | 1RB#0   | 25.69 | 29.69 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 39700 | 25RB#0  | 24.86 | 28.86 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 39700 | 50RB#0  | 24.80 | 28.8  | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 39700 | 25RB#12 | 24.90 | 28.9  | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 39700 | 1RB#24  | 25.77 | 29.77 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 39700 | 25RB#25 | 24.80 | 28.8  | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 39700 | 1RB#49  | 25.75 | 29.75 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 40620 | 1RB#0   | 25.83 | 29.83 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 40620 | 25RB#0  | 25.01 | 29.01 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 40620 | 50RB#0  | 24.95 | 28.95 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 40620 | 25RB#12 | 25.00 | 29    | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 40620 | 1RB#24  | 25.85 | 29.85 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 40620 | 25RB#25 | 24.92 | 28.92 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 40620 | 1RB#49  | 25.72 | 29.72 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 41540 | 1RB#0   | 25.73 | 29.73 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 41540 | 25RB#0  | 24.89 | 28.89 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 41540 | 50RB#0  | 24.90 | 28.9  | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 41540 | 25RB#12 | 24.92 | 28.92 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 41540 | 1RB#24  | 25.75 | 29.75 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 41540 | 25RB#25 | 24.85 | 28.85 | 33.01 | PASS |
| Band41 | 10MHz | QPSK   | 41540 | 1RB#49  | 25.72 | 29.72 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 39700 | 1RB#0   | 25.06 | 29.06 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 39700 | 25RB#0  | 23.93 | 27.93 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 39700 | 50RB#0  | 23.87 | 27.87 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 39700 | 25RB#12 | 23.93 | 27.93 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 39700 | 1RB#24  | 25.04 | 29.04 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 39700 | 25RB#25 | 23.86 | 27.86 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 39700 | 1RB#49  | 25.16 | 29.16 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 40620 | 1RB#0   | 25.16 | 29.16 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 40620 | 25RB#0  | 24.01 | 28.01 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 40620 | 50RB#0  | 23.98 | 27.98 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 40620 | 25RB#12 | 24.05 | 28.05 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 40620 | 1RB#24  | 25.13 | 29.13 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 40620 | 25RB#25 | 23.99 | 27.99 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 40620 | 1RB#49  | 25.18 | 29.18 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 41540 | 1RB#0   | 25.06 | 29.06 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 41540 | 25RB#0  | 23.90 | 27.9  | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 41540 | 50RB#0  | 23.96 | 27.96 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 41540 | 25RB#12 | 23.98 | 27.98 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 41540 | 1RB#24  | 25.25 | 29.25 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 41540 | 25RB#25 | 23.95 | 27.95 | 33.01 | PASS |
| Band41 | 10MHz | 16QAM  | 41540 | 1RB#49  | 25.12 | 29.12 | 33.01 | PASS |

|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band41 | 10MHz | 64QAM  | 39700 | 1RB#0   | 24.18 | 28.18 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 39700 | 25RB#0  | 23.00 | 27    | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 39700 | 50RB#0  | 22.93 | 26.93 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 39700 | 25RB#12 | 23.02 | 27.02 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 39700 | 1RB#24  | 24.20 | 28.2  | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 39700 | 25RB#25 | 22.92 | 26.92 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 39700 | 1RB#49  | 24.18 | 28.18 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 40620 | 1RB#0   | 24.34 | 28.34 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 40620 | 25RB#0  | 23.12 | 27.12 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 40620 | 50RB#0  | 23.04 | 27.04 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 40620 | 25RB#12 | 23.08 | 27.08 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 40620 | 1RB#24  | 24.21 | 28.21 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 40620 | 25RB#25 | 23.05 | 27.05 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 40620 | 1RB#49  | 24.09 | 28.09 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 41540 | 1RB#0   | 24.04 | 28.04 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 41540 | 25RB#0  | 22.98 | 26.98 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 41540 | 50RB#0  | 23.00 | 27    | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 41540 | 25RB#12 | 22.97 | 26.97 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 41540 | 1RB#24  | 24.20 | 28.2  | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 41540 | 25RB#25 | 22.92 | 26.92 | 33.01 | PASS |
| Band41 | 10MHz | 64QAM  | 41540 | 1RB#49  | 24.02 | 28.02 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 1RB#0   | 21.37 | 25.37 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 25RB#0  | 20.80 | 24.8  | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 50RB#0  | 20.92 | 24.92 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 25RB#12 | 20.91 | 24.91 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 1RB#24  | 21.15 | 25.15 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 25RB#25 | 20.79 | 24.79 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 39700 | 1RB#49  | 20.95 | 24.95 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 1RB#0   | 21.19 | 25.19 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 25RB#0  | 21.10 | 25.1  | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 50RB#0  | 21.06 | 25.06 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 25RB#12 | 21.09 | 25.09 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 1RB#24  | 21.16 | 25.16 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 25RB#25 | 21.02 | 25.02 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 40620 | 1RB#49  | 21.09 | 25.09 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 1RB#0   | 20.94 | 24.94 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 25RB#0  | 21.01 | 25.01 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 50RB#0  | 21.01 | 25.01 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 25RB#12 | 21.07 | 25.07 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 1RB#24  | 21.01 | 25.01 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 25RB#25 | 20.98 | 24.98 | 33.01 | PASS |
| Band41 | 10MHz | 256QAM | 41540 | 1RB#49  | 21.02 | 25.02 | 33.01 | PASS |
| Band41 | 15MHz | QPSK   | 39725 | 1RB#0   | 25.65 | 29.65 | 33.01 | PASS |
| Band41 | 15MHz | QPSK   | 39725 | 38RB#0  | 25.67 | 29.67 | 33.01 | PASS |
| Band41 | 15MHz | QPSK   | 39725 | 75RB#0  | 24.79 | 28.79 | 33.01 | PASS |

|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 15MHz | QPSK  | 39725 | 38RB#18 | 25.79 | 29.79 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 38RB#37 | 25.78 | 29.78 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#38  | 25.78 | 29.78 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 39725 | 1RB#74  | 25.80 | 29.8  | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#0   | 25.90 | 29.9  | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#0  | 25.80 | 29.8  | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 75RB#0  | 24.83 | 28.83 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#18 | 25.86 | 29.86 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 38RB#37 | 25.83 | 29.83 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#38  | 25.77 | 29.77 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 40620 | 1RB#74  | 25.68 | 29.68 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#0   | 25.71 | 29.71 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#0  | 25.70 | 29.7  | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 75RB#0  | 24.76 | 28.76 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#18 | 25.86 | 29.86 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 38RB#37 | 25.69 | 29.69 | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#38  | 25.80 | 29.8  | 33.01 | PASS |
| Band41 | 15MHz | QPSK  | 41515 | 1RB#74  | 25.67 | 29.67 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#0   | 25.01 | 29.01 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#0  | 24.95 | 28.95 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 75RB#0  | 23.88 | 27.88 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#18 | 25.17 | 29.17 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 38RB#37 | 25.12 | 29.12 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#38  | 25.15 | 29.15 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 39725 | 1RB#74  | 25.09 | 29.09 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#0   | 25.25 | 29.25 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#0  | 25.06 | 29.06 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 75RB#0  | 23.87 | 27.87 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#18 | 25.22 | 29.22 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 38RB#37 | 25.09 | 29.09 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#38  | 25.15 | 29.15 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 40620 | 1RB#74  | 25.03 | 29.03 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#0   | 25.11 | 29.11 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#0  | 25.07 | 29.07 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 75RB#0  | 23.83 | 27.83 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#18 | 25.06 | 29.06 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 38RB#37 | 24.89 | 28.89 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#38  | 24.99 | 28.99 | 33.01 | PASS |
| Band41 | 15MHz | 16QAM | 41515 | 1RB#74  | 24.87 | 28.87 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#0   | 24.07 | 28.07 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 38RB#0  | 23.99 | 27.99 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 75RB#0  | 22.84 | 26.84 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 38RB#18 | 23.98 | 27.98 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 38RB#37 | 24.12 | 28.12 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM | 39725 | 1RB#38  | 24.10 | 28.1  | 33.01 | PASS |

|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band41 | 15MHz | 64QAM  | 39725 | 1RB#74  | 24.08 | 28.08 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 40620 | 1RB#0   | 24.19 | 28.19 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 40620 | 38RB#0  | 24.08 | 28.08 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 40620 | 75RB#0  | 22.85 | 26.85 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 40620 | 38RB#18 | 24.14 | 28.14 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 40620 | 38RB#37 | 24.25 | 28.25 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 40620 | 1RB#38  | 24.11 | 28.11 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 40620 | 1RB#74  | 24.01 | 28.01 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 41515 | 1RB#0   | 24.01 | 28.01 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 41515 | 38RB#0  | 24.00 | 28    | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 41515 | 75RB#0  | 22.87 | 26.87 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 41515 | 38RB#18 | 23.98 | 27.98 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 41515 | 38RB#37 | 23.98 | 27.98 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 41515 | 1RB#38  | 24.01 | 28.01 | 33.01 | PASS |
| Band41 | 15MHz | 64QAM  | 41515 | 1RB#74  | 23.87 | 27.87 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 1RB#0   | 21.13 | 25.13 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 38RB#0  | 21.10 | 25.1  | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 75RB#0  | 20.92 | 24.92 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 38RB#18 | 21.11 | 25.11 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 38RB#37 | 21.15 | 25.15 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 1RB#38  | 21.11 | 25.11 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 39725 | 1RB#74  | 21.08 | 25.08 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 1RB#0   | 21.15 | 25.15 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 38RB#0  | 21.07 | 25.07 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 75RB#0  | 20.89 | 24.89 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 38RB#18 | 21.16 | 25.16 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 38RB#37 | 21.08 | 25.08 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 1RB#38  | 21.06 | 25.06 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 40620 | 1RB#74  | 20.91 | 24.91 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 1RB#0   | 21.20 | 25.2  | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 38RB#0  | 20.95 | 24.95 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 75RB#0  | 20.92 | 24.92 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 38RB#18 | 21.06 | 25.06 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 38RB#37 | 21.07 | 25.07 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 1RB#38  | 21.07 | 25.07 | 33.01 | PASS |
| Band41 | 15MHz | 256QAM | 41515 | 1RB#74  | 20.87 | 24.87 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 39750 | 1RB#0   | 25.71 | 29.71 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 39750 | 50RB#0  | 24.86 | 28.86 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 39750 | 100RB#0 | 24.90 | 28.9  | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 39750 | 50RB#25 | 24.92 | 28.92 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 39750 | 1RB#49  | 25.87 | 29.87 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 39750 | 50RB#50 | 24.95 | 28.95 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 39750 | 1RB#99  | 25.84 | 29.84 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 40620 | 1RB#0   | 25.84 | 29.84 | 33.01 | PASS |
| Band41 | 20MHz | QPSK   | 40620 | 50RB#0  | 24.97 | 28.97 | 33.01 | PASS |



|        |       |       |       |         |       |       |       |      |
|--------|-------|-------|-------|---------|-------|-------|-------|------|
| Band41 | 20MHz | QPSK  | 40620 | 100RB#0 | 24.81 | 28.81 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#25 | 24.97 | 28.97 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#49  | 25.84 | 29.84 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 50RB#50 | 24.79 | 28.79 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 40620 | 1RB#99  | 25.69 | 29.69 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#0   | 25.81 | 29.81 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#0  | 24.82 | 28.82 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 100RB#0 | 24.77 | 28.77 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#25 | 24.75 | 28.75 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#49  | 25.74 | 29.74 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 50RB#50 | 24.74 | 28.74 | 33.01 | PASS |
| Band41 | 20MHz | QPSK  | 41490 | 1RB#99  | 25.64 | 29.64 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#0   | 25.07 | 29.07 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#0  | 23.92 | 27.92 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 100RB#0 | 23.92 | 27.92 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#25 | 23.98 | 27.98 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#49  | 25.24 | 29.24 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 50RB#50 | 24.01 | 28.01 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 39750 | 1RB#99  | 25.16 | 29.16 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#0   | 25.14 | 29.14 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#0  | 24.02 | 28.02 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 100RB#0 | 23.84 | 27.84 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#25 | 24.03 | 28.03 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#49  | 25.26 | 29.26 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 50RB#50 | 23.87 | 27.87 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 40620 | 1RB#99  | 25.07 | 29.07 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#0   | 25.16 | 29.16 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#0  | 23.84 | 27.84 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 100RB#0 | 23.78 | 27.78 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#25 | 23.80 | 27.8  | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#49  | 25.06 | 29.06 | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 50RB#50 | 23.80 | 27.8  | 33.01 | PASS |
| Band41 | 20MHz | 16QAM | 41490 | 1RB#99  | 25.02 | 29.02 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#0   | 23.99 | 27.99 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#0  | 22.89 | 26.89 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 100RB#0 | 22.96 | 26.96 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#25 | 22.98 | 26.98 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#49  | 24.00 | 28    | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 50RB#50 | 23.00 | 27    | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 39750 | 1RB#99  | 24.07 | 28.07 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#0   | 24.13 | 28.13 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#0  | 23.02 | 27.02 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 100RB#0 | 22.83 | 26.83 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 50RB#25 | 23.00 | 27    | 33.01 | PASS |
| Band41 | 20MHz | 64QAM | 40620 | 1RB#49  | 24.12 | 28.12 | 33.01 | PASS |

|        |       |        |       |         |       |       |       |      |
|--------|-------|--------|-------|---------|-------|-------|-------|------|
| Band41 | 20MHz | 64QAM  | 40620 | 50RB#50 | 22.83 | 26.83 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 40620 | 1RB#99  | 23.85 | 27.85 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 1RB#0   | 24.15 | 28.15 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 50RB#0  | 22.95 | 26.95 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 100RB#0 | 22.83 | 26.83 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 50RB#25 | 22.90 | 26.9  | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 1RB#49  | 24.04 | 28.04 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 50RB#50 | 22.87 | 26.87 | 33.01 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 1RB#99  | 24.00 | 28    | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 1RB#0   | 21.12 | 25.12 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 50RB#0  | 20.97 | 24.97 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 100RB#0 | 20.99 | 24.99 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 50RB#25 | 21.06 | 25.06 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 1RB#49  | 21.11 | 25.11 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 50RB#50 | 20.94 | 24.94 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 1RB#99  | 21.00 | 25    | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 1RB#0   | 21.14 | 25.14 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 50RB#0  | 21.02 | 25.02 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 100RB#0 | 20.89 | 24.89 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 50RB#25 | 21.03 | 25.03 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 1RB#49  | 21.04 | 25.04 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 50RB#50 | 20.79 | 24.79 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 1RB#99  | 20.78 | 24.78 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 1RB#0   | 21.09 | 25.09 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 50RB#0  | 20.97 | 24.97 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 100RB#0 | 20.89 | 24.89 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 50RB#25 | 20.90 | 24.9  | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 1RB#49  | 20.97 | 24.97 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 50RB#50 | 20.86 | 24.86 | 33.01 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 1RB#99  | 20.84 | 24.84 | 33.01 | PASS |

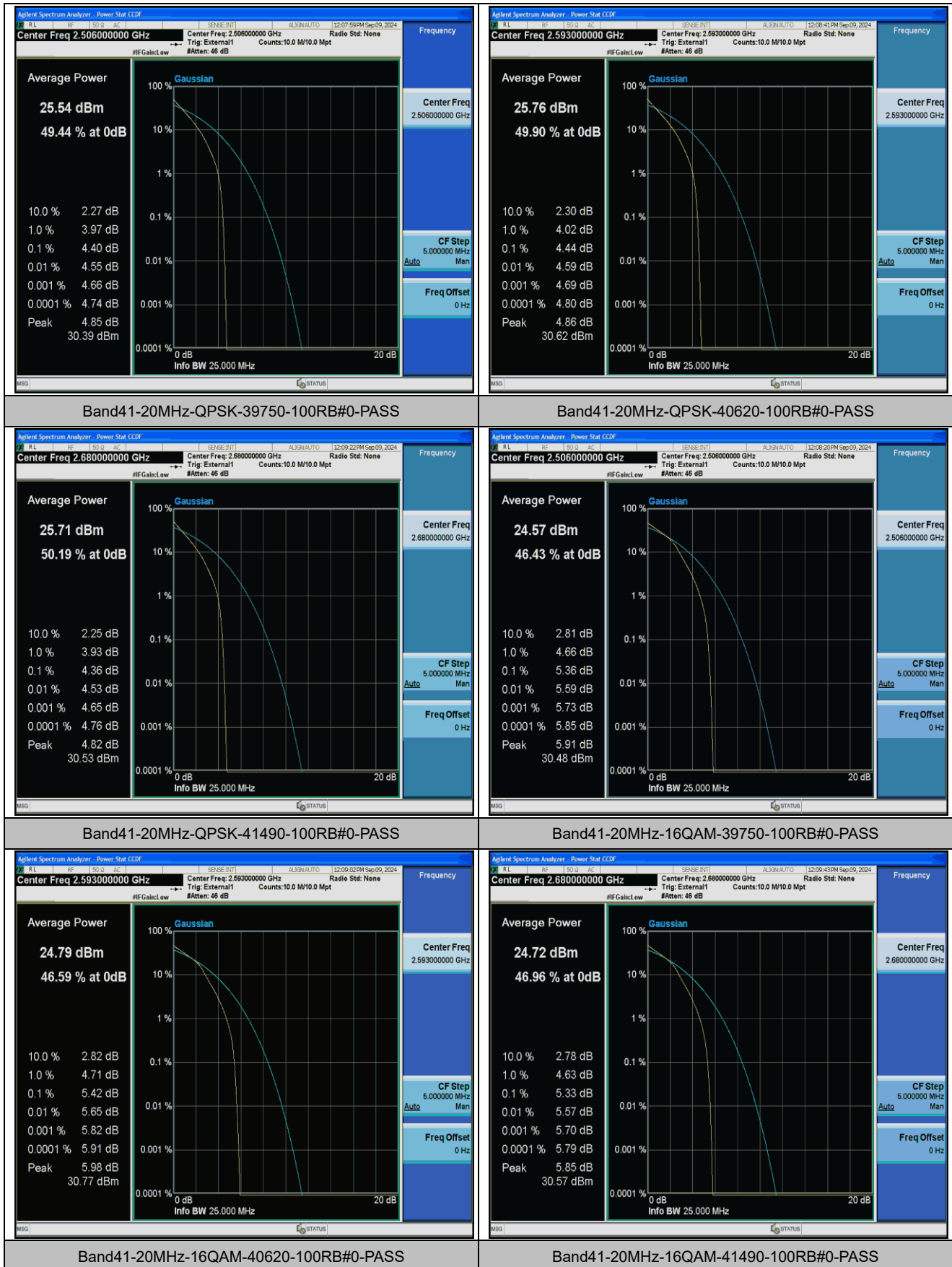


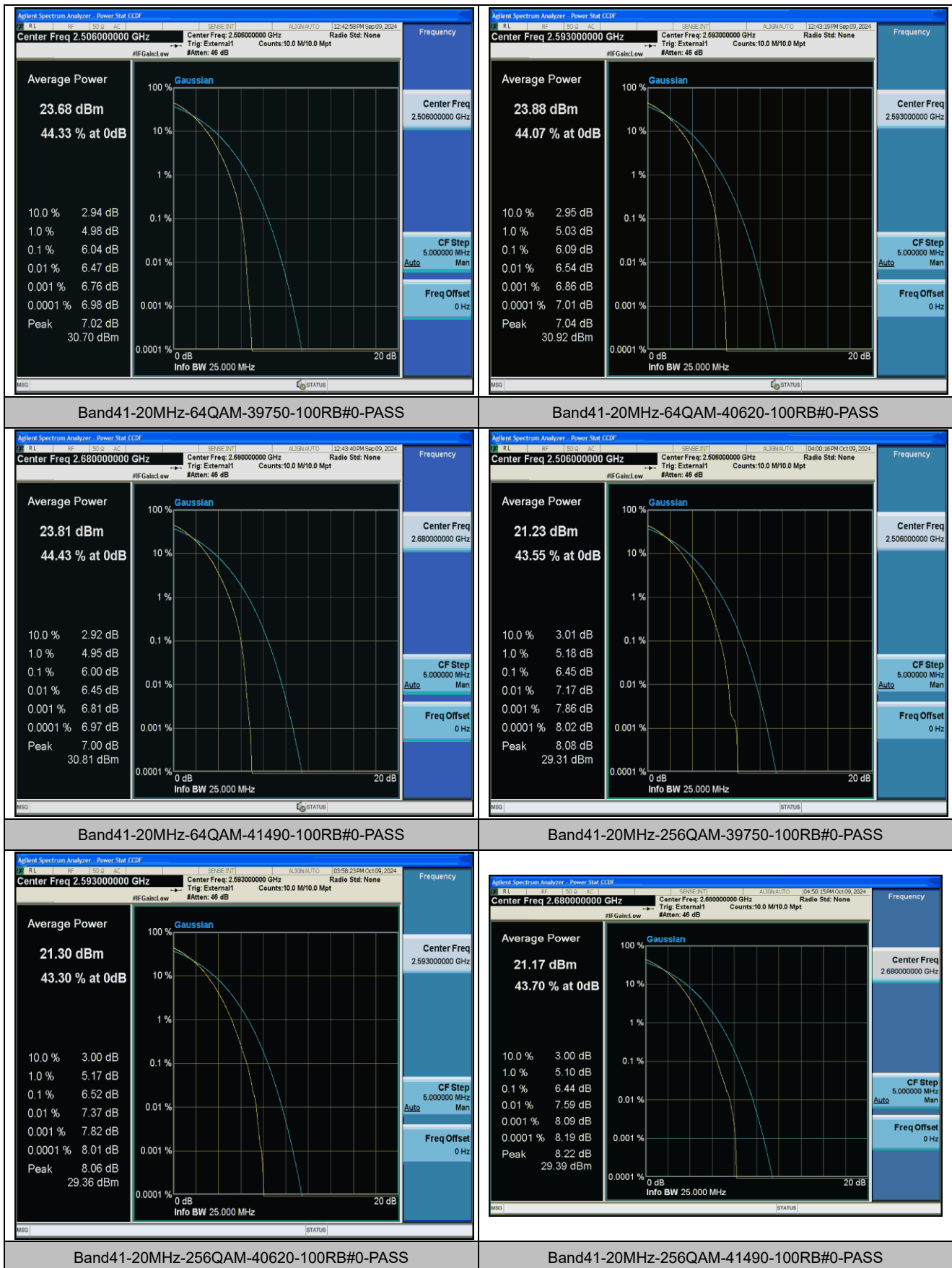
## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dB) | Limit (dB) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 4.40        | 13         | PASS    |
| Band41 | 20MHz     | QPSK       | 40620   | 100RB#0          | 4.44        | 13         | PASS    |
| Band41 | 20MHz     | QPSK       | 41490   | 100RB#0          | 4.36        | 13         | PASS    |
| Band41 | 20MHz     | 16QAM      | 39750   | 100RB#0          | 5.36        | 13         | PASS    |
| Band41 | 20MHz     | 16QAM      | 40620   | 100RB#0          | 5.42        | 13         | PASS    |
| Band41 | 20MHz     | 16QAM      | 41490   | 100RB#0          | 5.33        | 13         | PASS    |
| Band41 | 20MHz     | 64QAM      | 39750   | 100RB#0          | 6.04        | 13         | PASS    |
| Band41 | 20MHz     | 64QAM      | 40620   | 100RB#0          | 6.09        | 13         | PASS    |
| Band41 | 20MHz     | 64QAM      | 41490   | 100RB#0          | 6.00        | 13         | PASS    |
| Band41 | 20MHz     | 256QAM     | 39750   | 100RB#0          | 6.45        | 13         | PASS    |
| Band41 | 20MHz     | 256QAM     | 40620   | 100RB#0          | 6.52        | 13         | PASS    |
| Band41 | 20MHz     | 256QAM     | 41490   | 100RB#0          | 6.44        | 13         | PASS    |

## Test Graphs





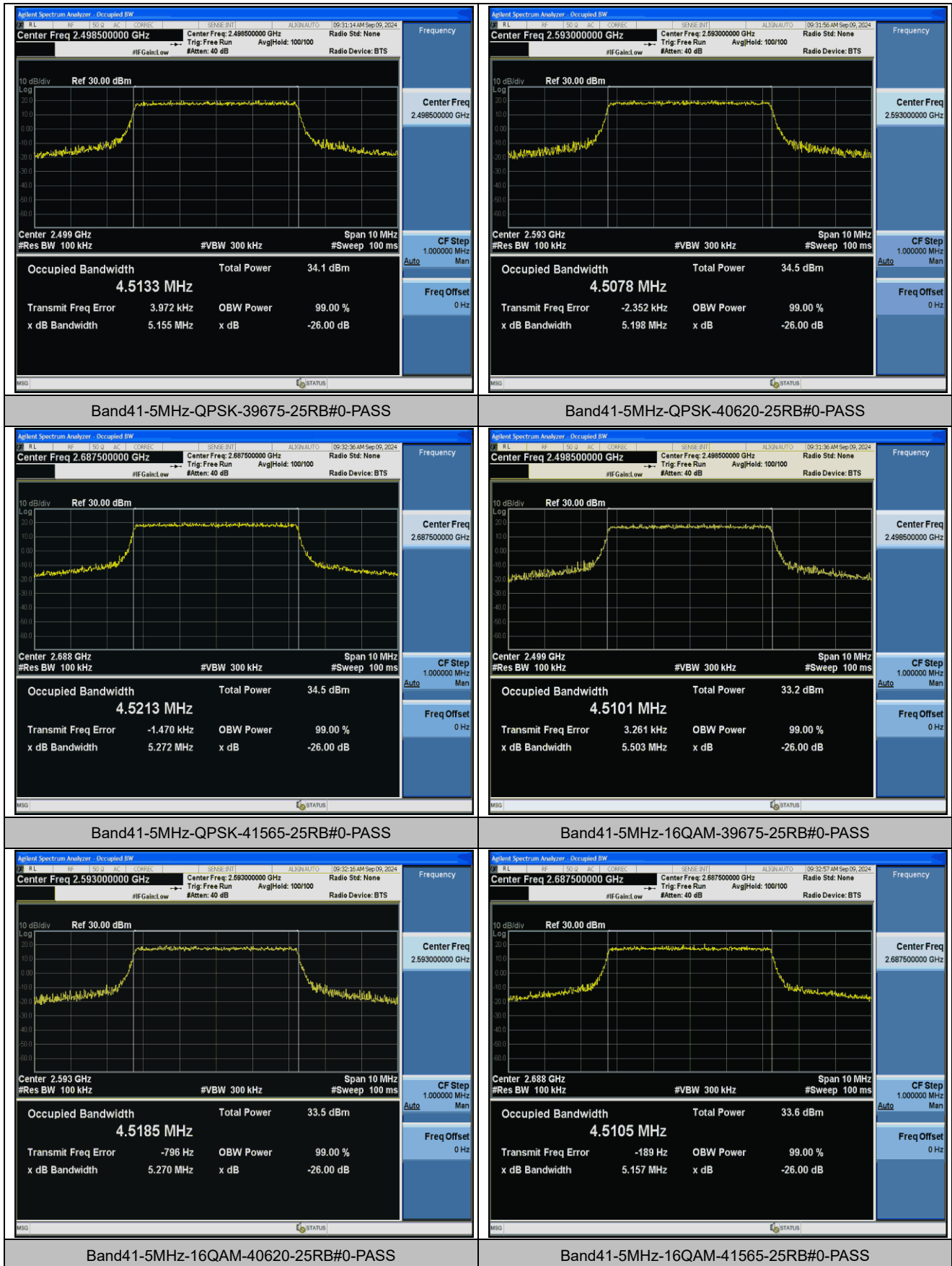
## 26dB Bandwidth and Occupied Bandwidth

### Test Result

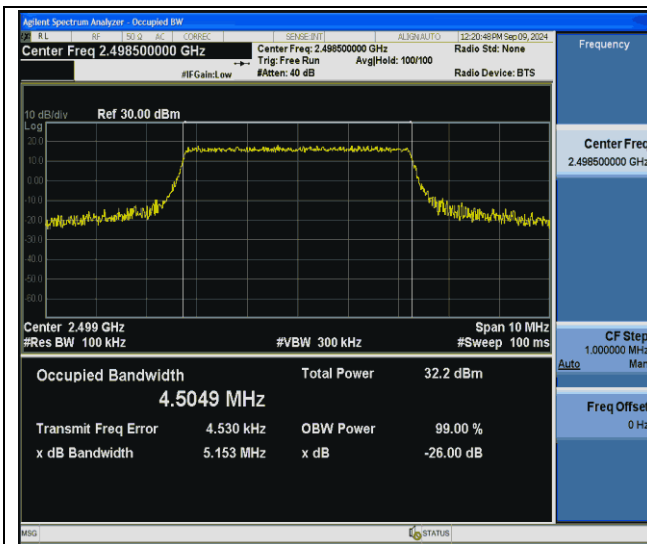
| Band   | Bandwidth | Modulation | Channel | RB Configuration | OBW (MHz) | 26dB EBW (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|-----------|----------------|---------|
| Band41 | 5MHz      | QPSK       | 39675   | 25RB#0           | 4.5133    | 5.155          | PASS    |
| Band41 | 5MHz      | QPSK       | 40620   | 25RB#0           | 4.5078    | 5.198          | PASS    |
| Band41 | 5MHz      | QPSK       | 41565   | 25RB#0           | 4.5213    | 5.272          | PASS    |
| Band41 | 5MHz      | 16QAM      | 39675   | 25RB#0           | 4.5101    | 5.503          | PASS    |
| Band41 | 5MHz      | 16QAM      | 40620   | 25RB#0           | 4.5185    | 5.270          | PASS    |
| Band41 | 5MHz      | 16QAM      | 41565   | 25RB#0           | 4.5105    | 5.157          | PASS    |
| Band41 | 5MHz      | 64QAM      | 39675   | 25RB#0           | 4.5049    | 5.153          | PASS    |
| Band41 | 5MHz      | 64QAM      | 40620   | 25RB#0           | 4.5059    | 5.579          | PASS    |
| Band41 | 5MHz      | 64QAM      | 41565   | 25RB#0           | 4.5038    | 5.701          | PASS    |
| Band41 | 5MHz      | 256QAM     | 39675   | 25RB#0           | 4.3808    | 4.721          | PASS    |
| Band41 | 5MHz      | 256QAM     | 40620   | 25RB#0           | 4.5022    | 5.275          | PASS    |
| Band41 | 5MHz      | 256QAM     | 41565   | 25RB#0           | 4.5104    | 5.219          | PASS    |
| Band41 | 10MHz     | QPSK       | 39700   | 50RB#0           | 9.0122    | 10.29          | PASS    |
| Band41 | 10MHz     | QPSK       | 40620   | 50RB#0           | 9.0150    | 10.57          | PASS    |
| Band41 | 10MHz     | QPSK       | 41540   | 50RB#0           | 8.9818    | 10.13          | PASS    |
| Band41 | 10MHz     | 16QAM      | 39700   | 50RB#0           | 9.0028    | 11.27          | PASS    |
| Band41 | 10MHz     | 16QAM      | 40620   | 50RB#0           | 9.0195    | 10.24          | PASS    |
| Band41 | 10MHz     | 16QAM      | 41540   | 50RB#0           | 9.0099    | 10.76          | PASS    |
| Band41 | 10MHz     | 64QAM      | 39700   | 50RB#0           | 8.9966    | 10.51          | PASS    |
| Band41 | 10MHz     | 64QAM      | 40620   | 50RB#0           | 8.9931    | 10.34          | PASS    |
| Band41 | 10MHz     | 64QAM      | 41540   | 50RB#0           | 8.9892    | 10.37          | PASS    |
| Band41 | 10MHz     | 256QAM     | 39700   | 50RB#0           | 8.9816    | 10.09          | PASS    |
| Band41 | 10MHz     | 256QAM     | 40620   | 50RB#0           | 8.9699    | 9.935          | PASS    |
| Band41 | 10MHz     | 256QAM     | 41540   | 50RB#0           | 8.9754    | 10.15          | PASS    |
| Band41 | 15MHz     | QPSK       | 39725   | 75RB#0           | 13.525    | 15.87          | PASS    |
| Band41 | 15MHz     | QPSK       | 40620   | 75RB#0           | 13.493    | 15.05          | PASS    |
| Band41 | 15MHz     | QPSK       | 41515   | 75RB#0           | 13.469    | 15.62          | PASS    |
| Band41 | 15MHz     | 16QAM      | 39725   | 75RB#0           | 13.487    | 14.97          | PASS    |
| Band41 | 15MHz     | 16QAM      | 40620   | 75RB#0           | 13.501    | 15.13          | PASS    |
| Band41 | 15MHz     | 16QAM      | 41515   | 75RB#0           | 13.485    | 15.04          | PASS    |
| Band41 | 15MHz     | 64QAM      | 39725   | 75RB#0           | 13.493    | 15.89          | PASS    |
| Band41 | 15MHz     | 64QAM      | 40620   | 75RB#0           | 13.469    | 15.32          | PASS    |
| Band41 | 15MHz     | 64QAM      | 41515   | 75RB#0           | 13.495    | 16.07          | PASS    |
| Band41 | 15MHz     | 256QAM     | 39725   | 75RB#0           | 13.465    | 14.88          | PASS    |
| Band41 | 15MHz     | 256QAM     | 40620   | 75RB#0           | 13.478    | 14.91          | PASS    |
| Band41 | 15MHz     | 256QAM     | 41515   | 75RB#0           | 13.487    | 15.52          | PASS    |
| Band41 | 20MHz     | QPSK       | 39750   | 100RB#0          | 17.952    | 20.69          | PASS    |

|        |       |        |       |         |        |       |      |
|--------|-------|--------|-------|---------|--------|-------|------|
| Band41 | 20MHz | QPSK   | 40620 | 100RB#0 | 17.949 | 20.15 | PASS |
| Band41 | 20MHz | QPSK   | 41490 | 100RB#0 | 18.017 | 20.08 | PASS |
| Band41 | 20MHz | 16QAM  | 39750 | 100RB#0 | 17.964 | 20.24 | PASS |
| Band41 | 20MHz | 16QAM  | 40620 | 100RB#0 | 17.961 | 20.17 | PASS |
| Band41 | 20MHz | 16QAM  | 41490 | 100RB#0 | 17.982 | 20.98 | PASS |
| Band41 | 20MHz | 64QAM  | 39750 | 100RB#0 | 18.013 | 20.75 | PASS |
| Band41 | 20MHz | 64QAM  | 40620 | 100RB#0 | 17.962 | 20.60 | PASS |
| Band41 | 20MHz | 64QAM  | 41490 | 100RB#0 | 18.037 | 20.01 | PASS |
| Band41 | 20MHz | 256QAM | 39750 | 100RB#0 | 17.981 | 20.40 | PASS |
| Band41 | 20MHz | 256QAM | 40620 | 100RB#0 | 17.968 | 20.18 | PASS |
| Band41 | 20MHz | 256QAM | 41490 | 100RB#0 | 18.004 | 20.08 | PASS |

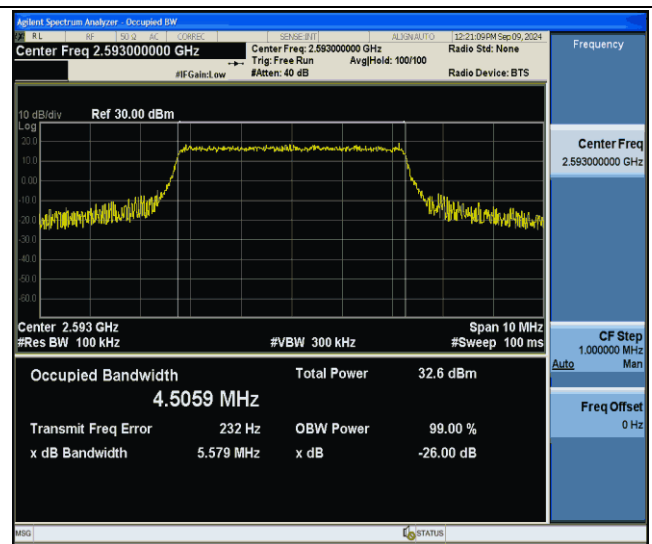
## Test Graphs



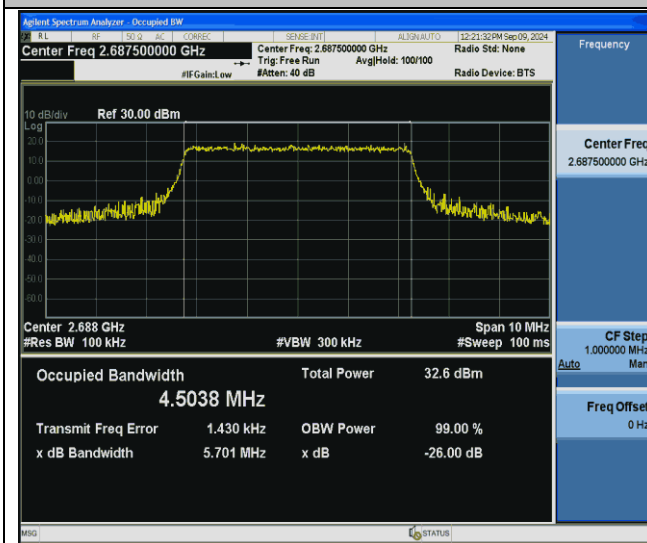




Band41-5MHz-64QAM-39675-25RB#0-PASS



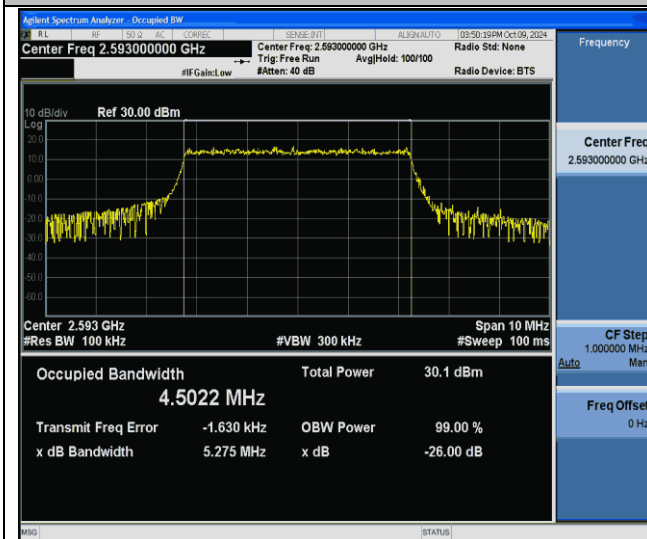
Band41-5MHz-64QAM-40620-25RB#0-PASS



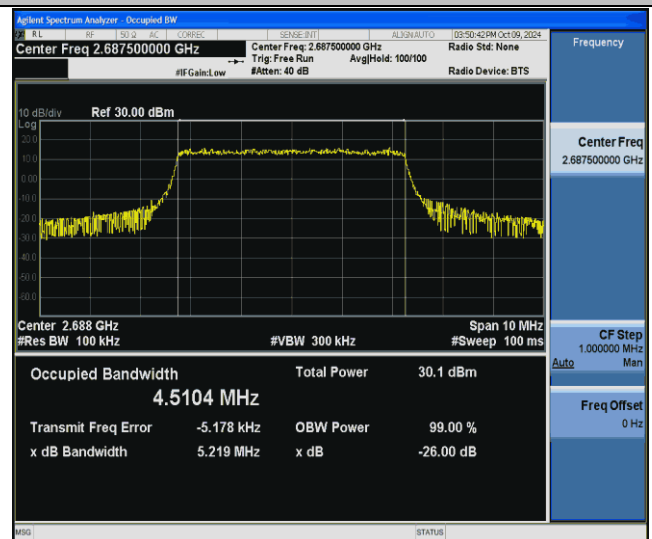
Band41-5MHz-64QAM-41565-25RB#0-PASS



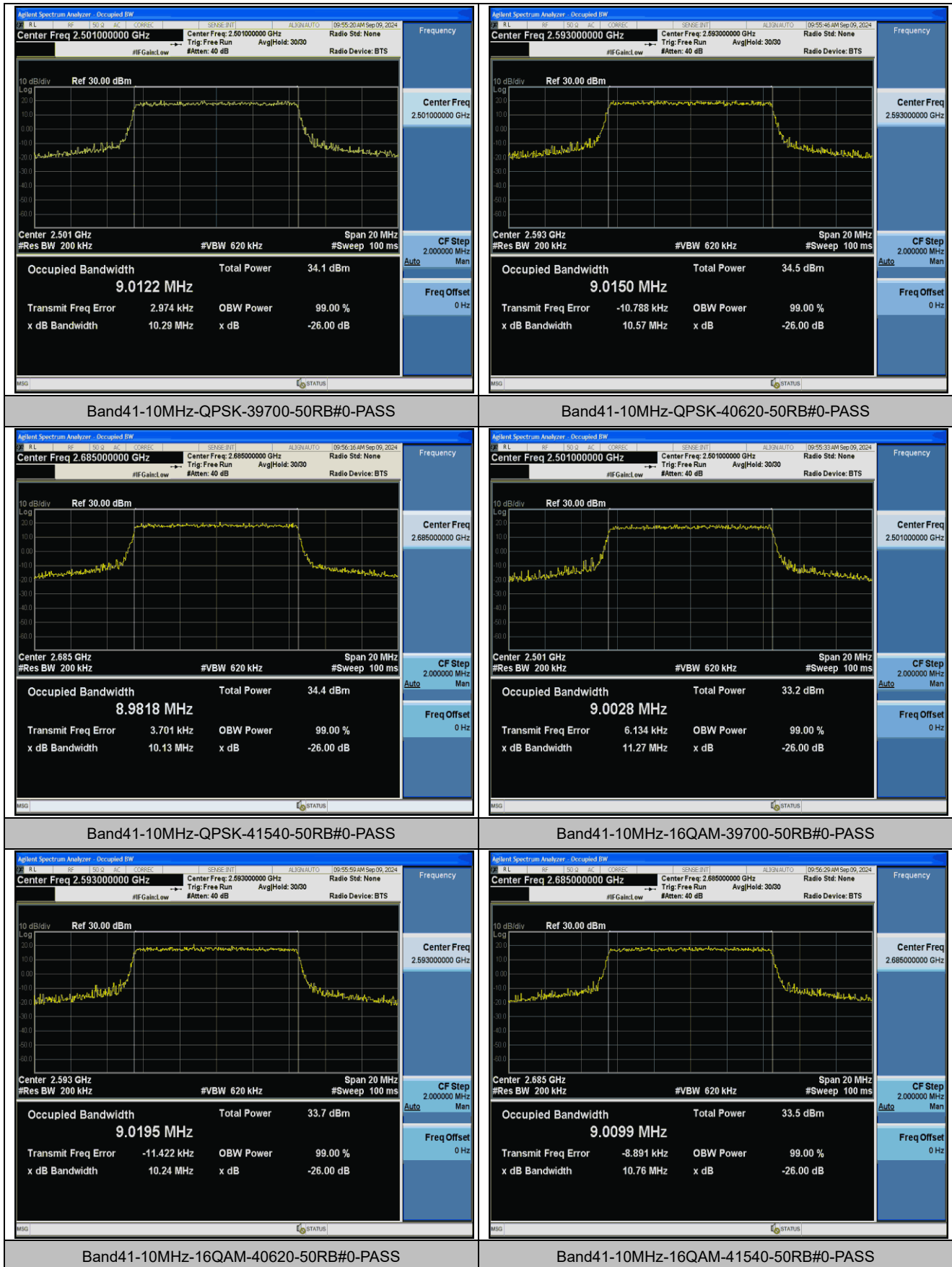
Band41-5MHz-256QAM-39675-25RB#0-PASS

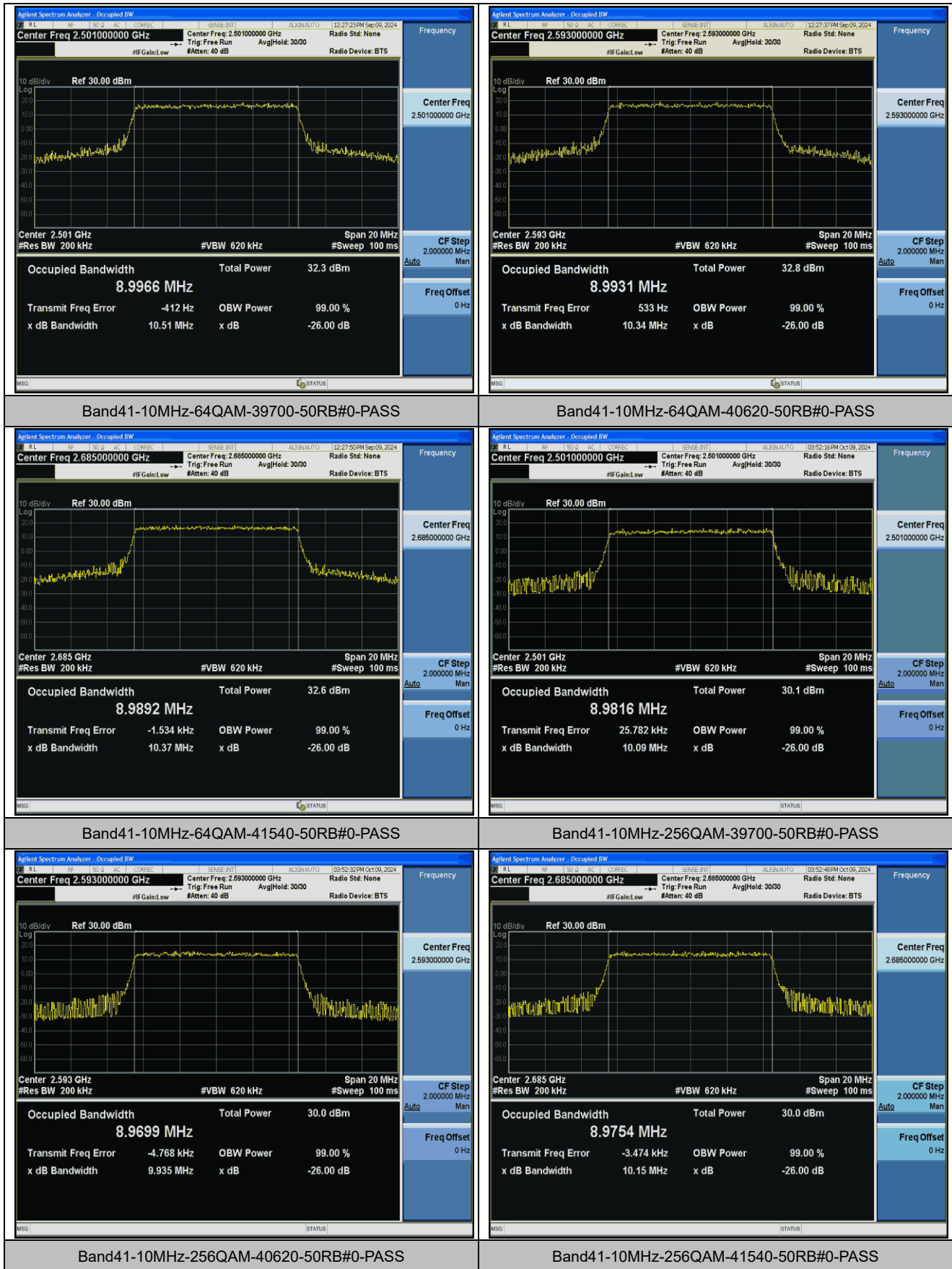


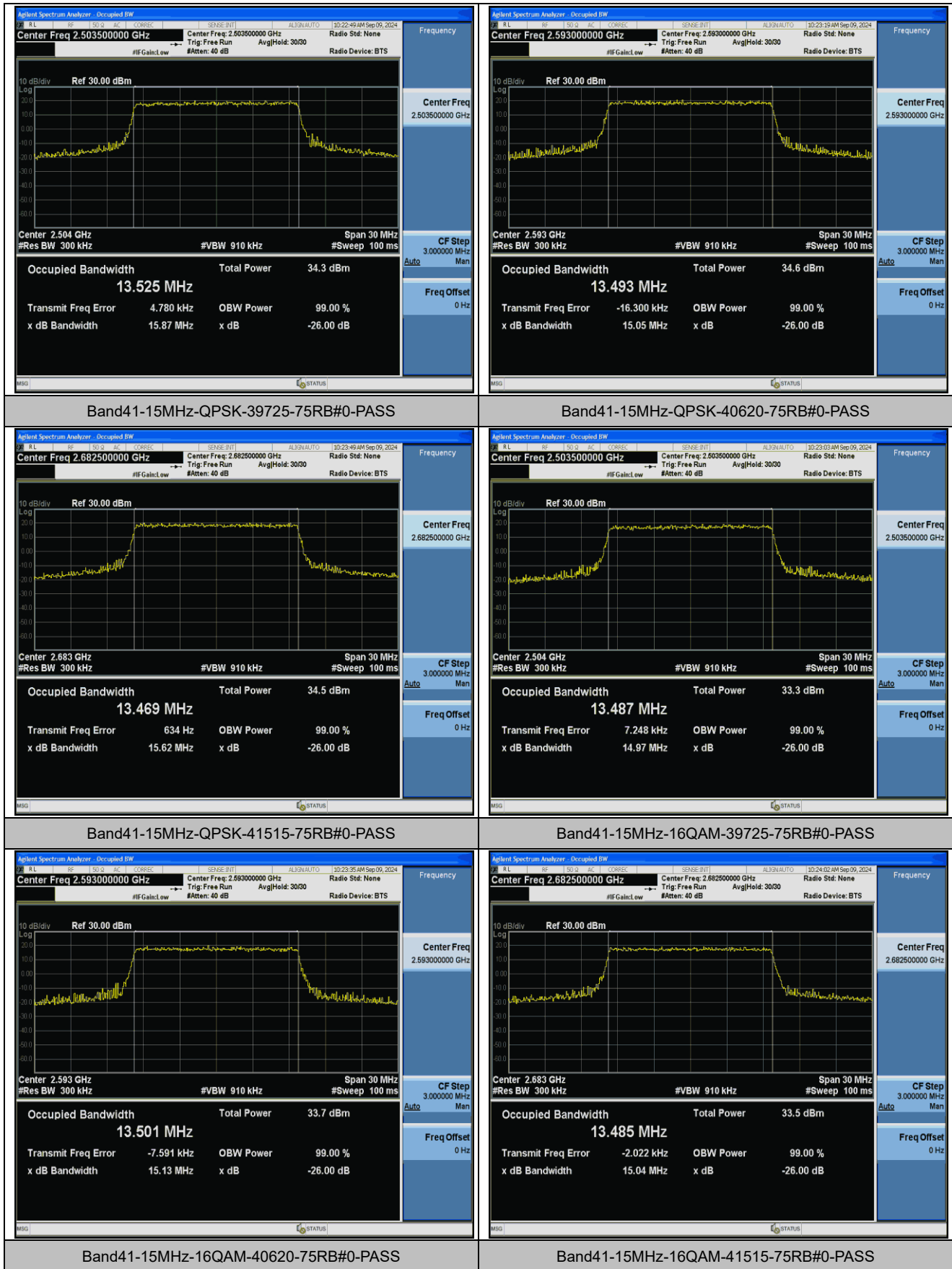
Band41-5MHz-256QAM-40620-25RB#0-PASS

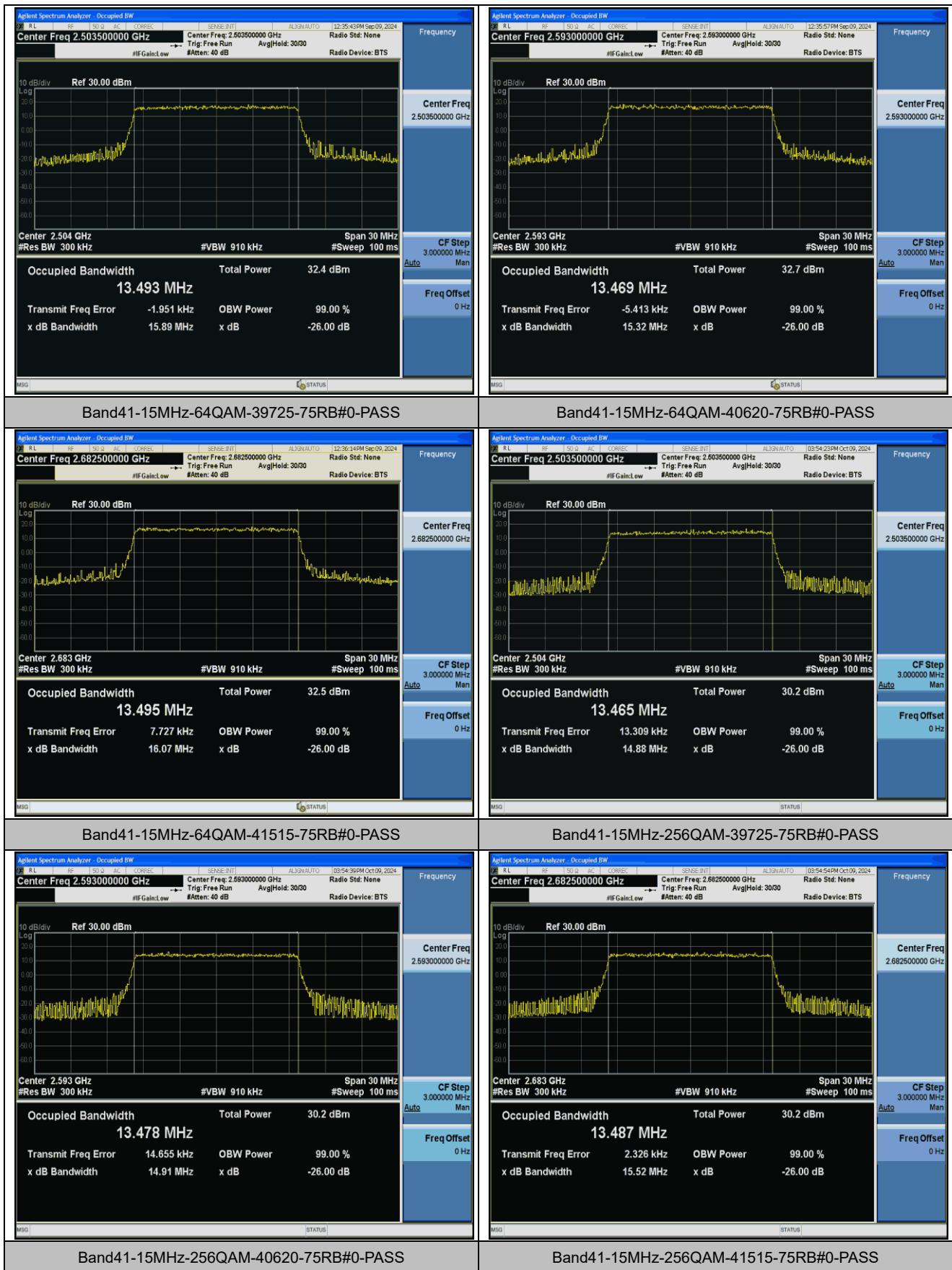


Band41-5MHz-256QAM-41565-25RB#0-PASS

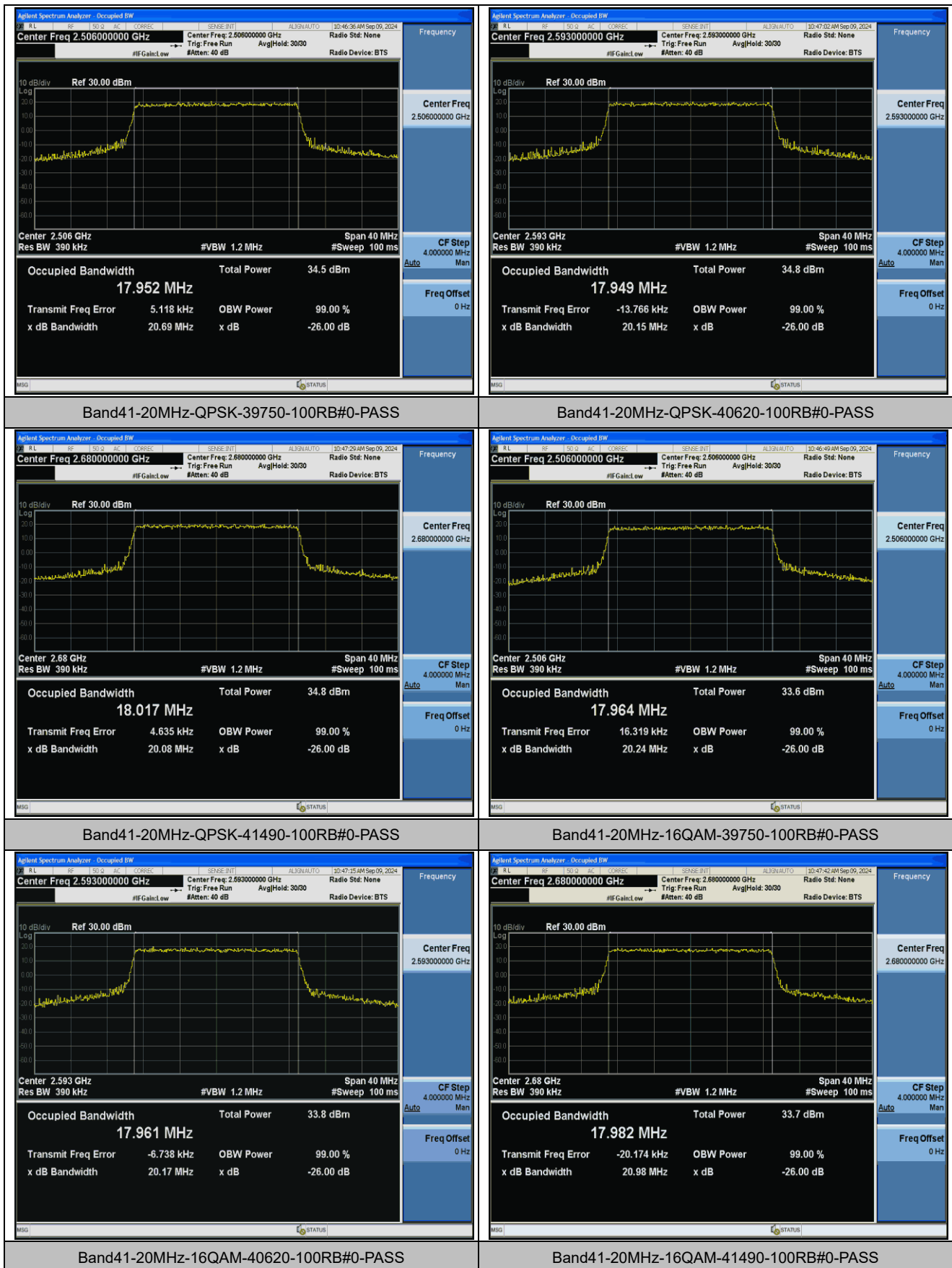


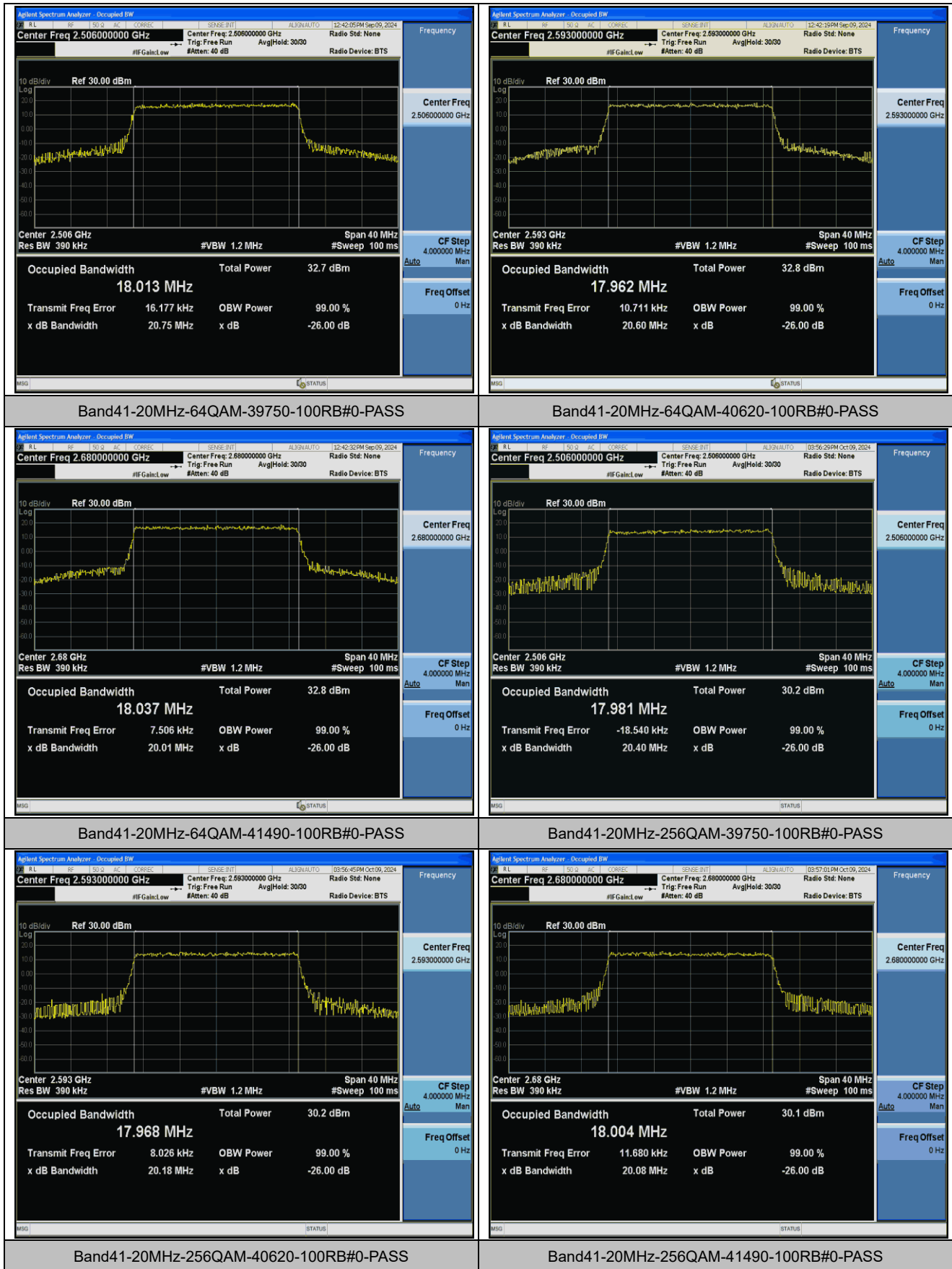








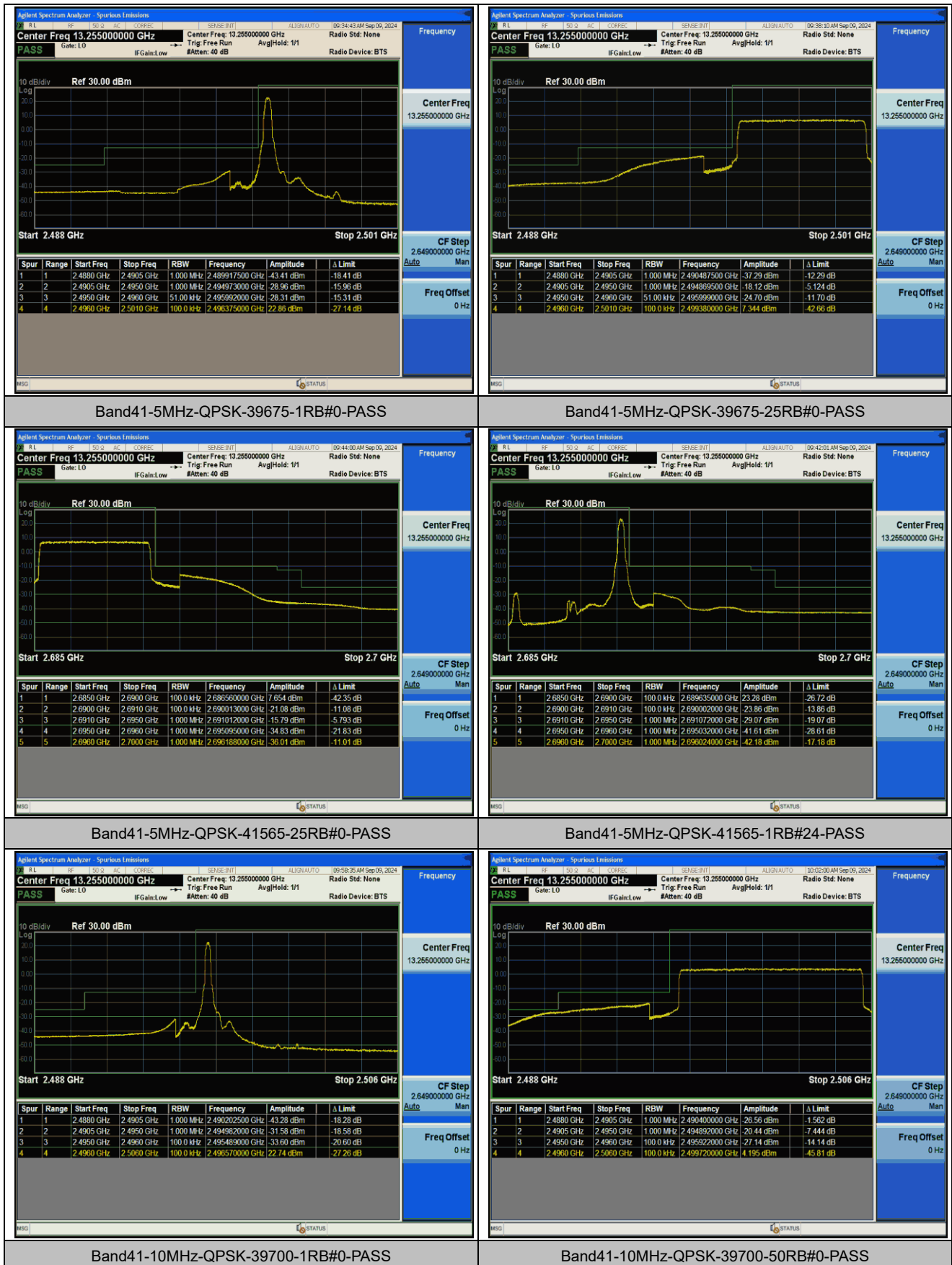


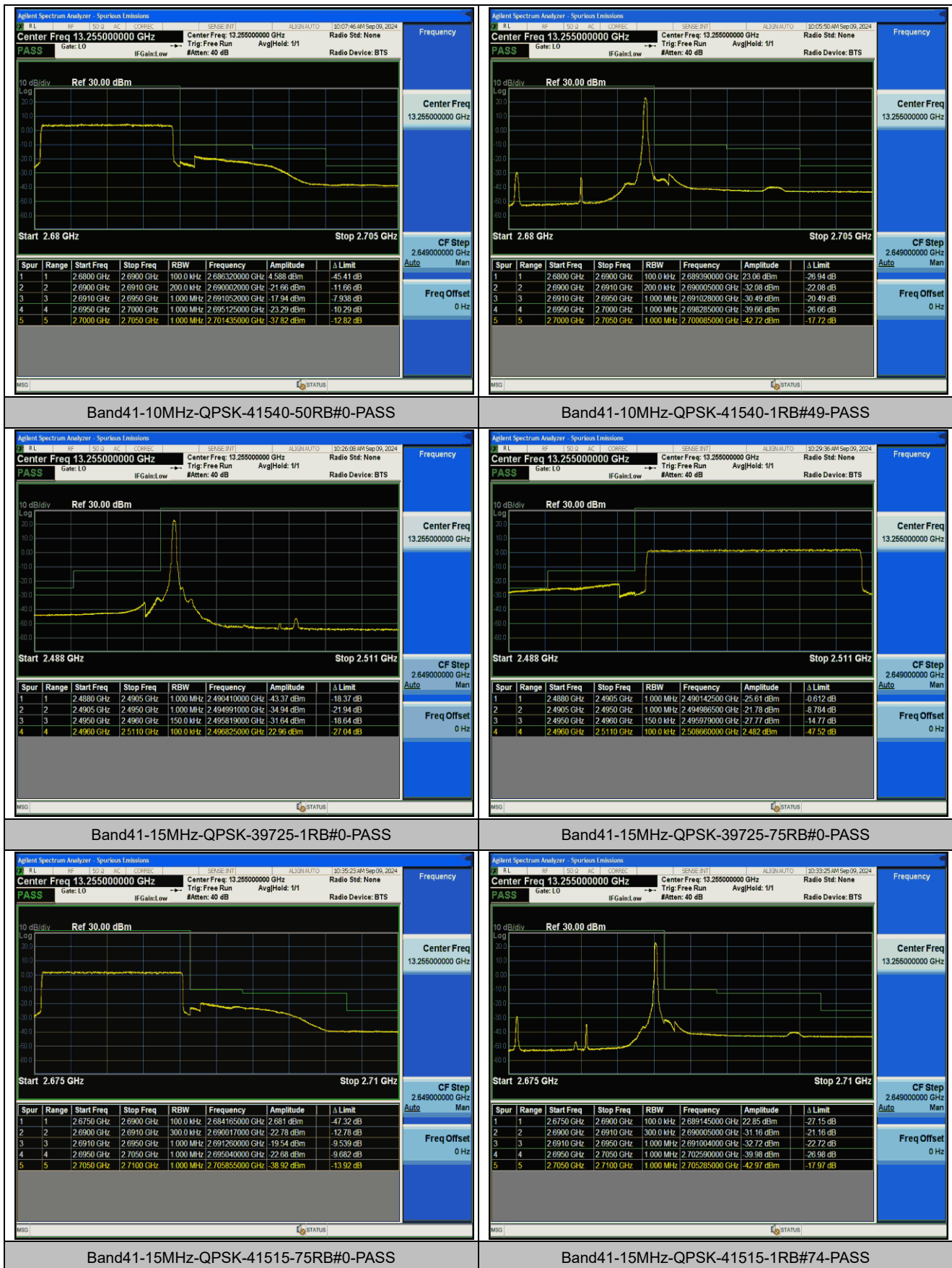


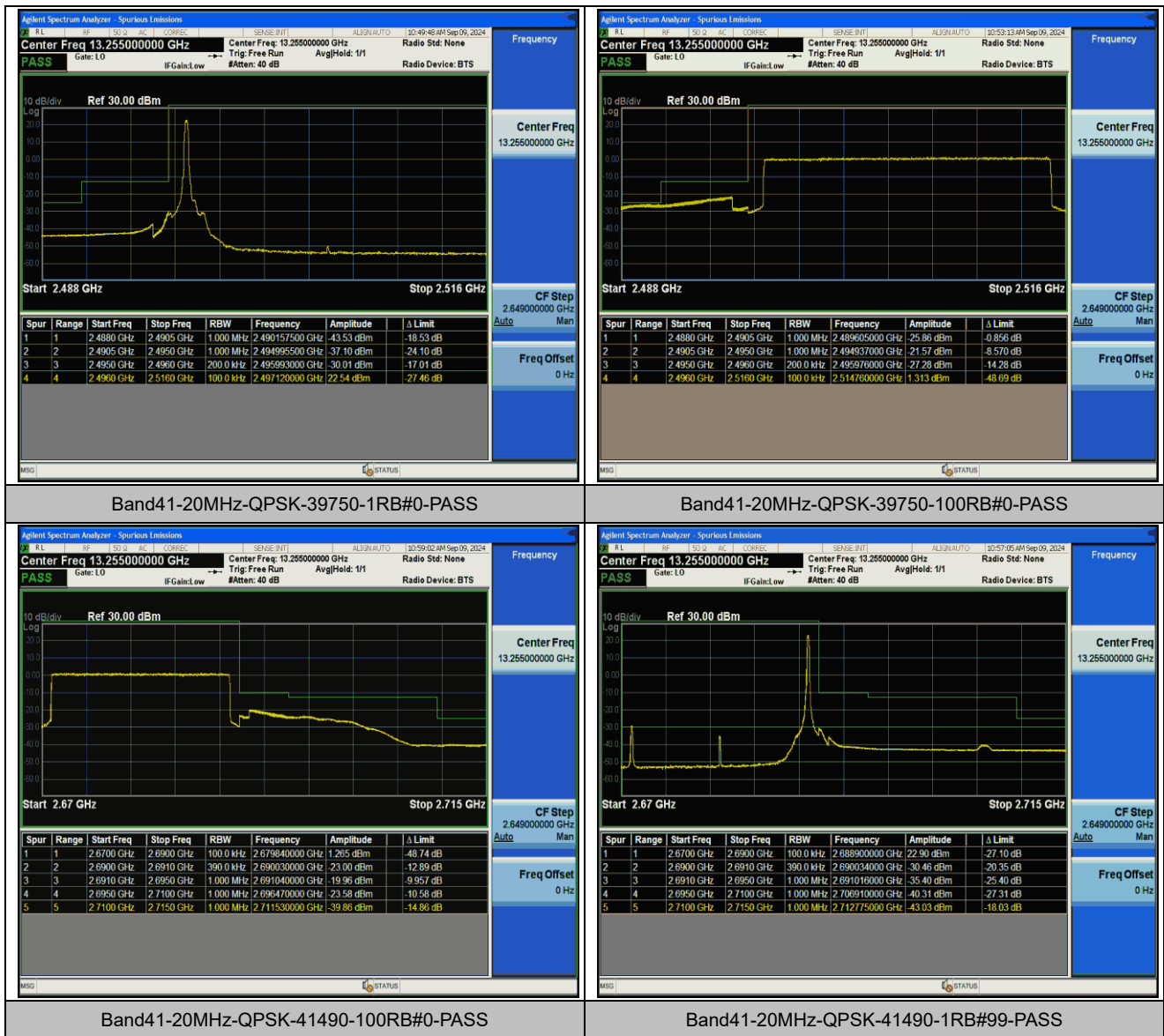


## Band Edge

## Test Graphs

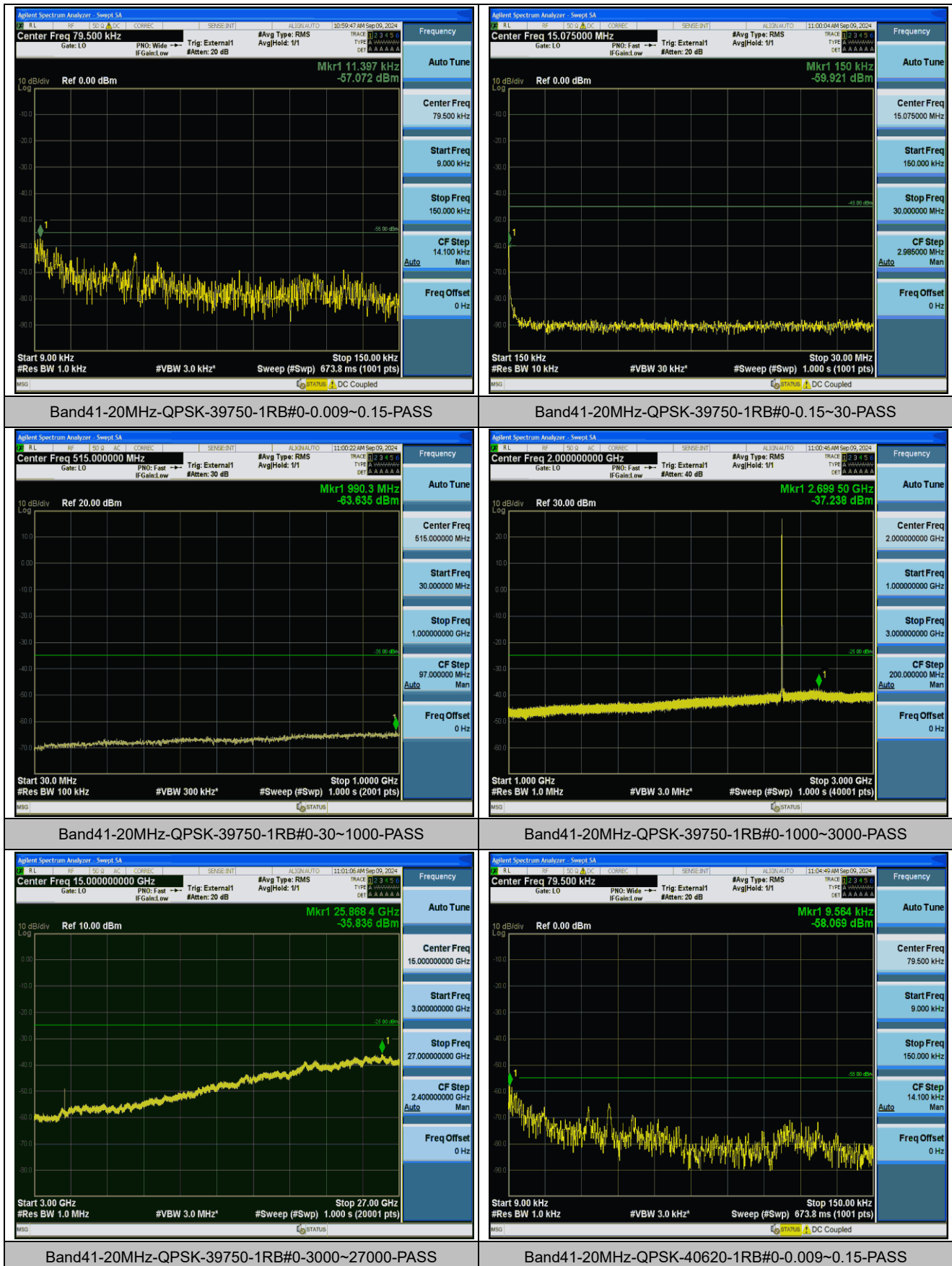


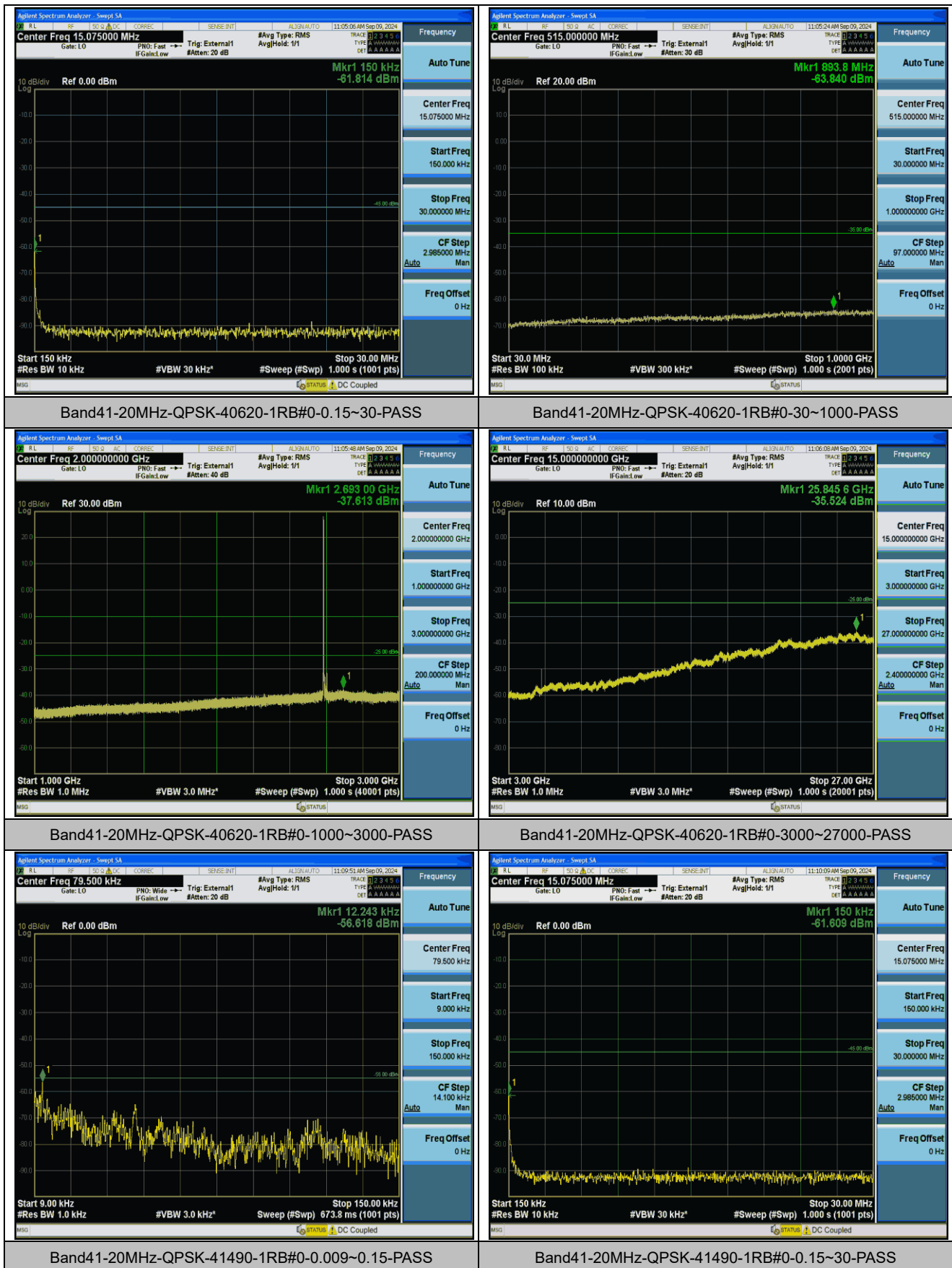




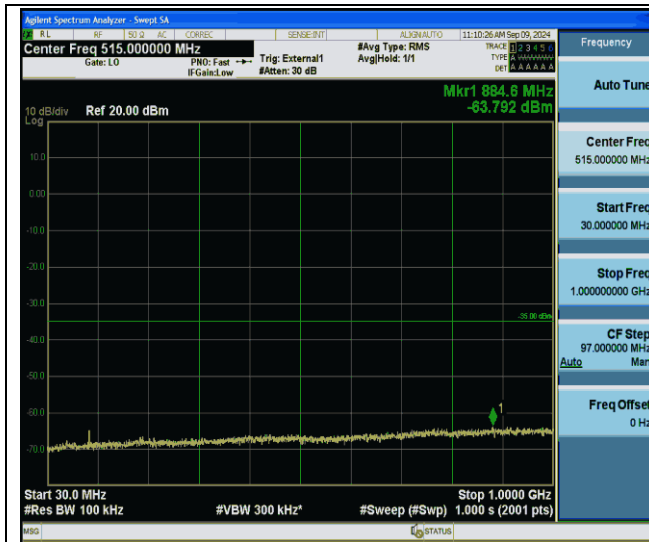
## Conducted Spurious Emission

## Test Graphs

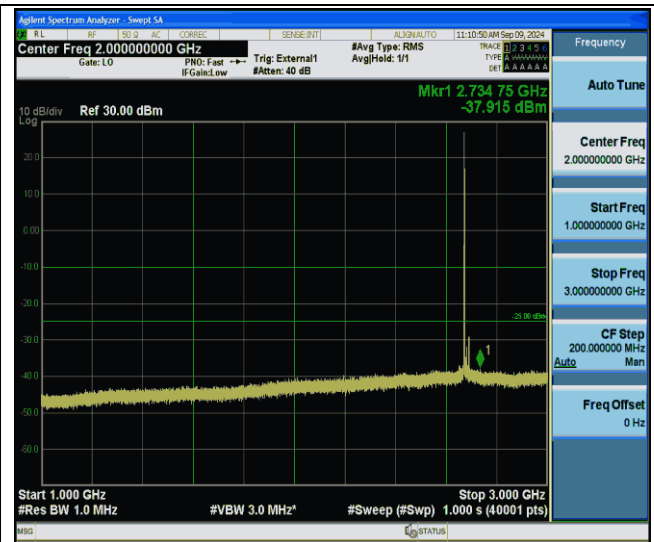




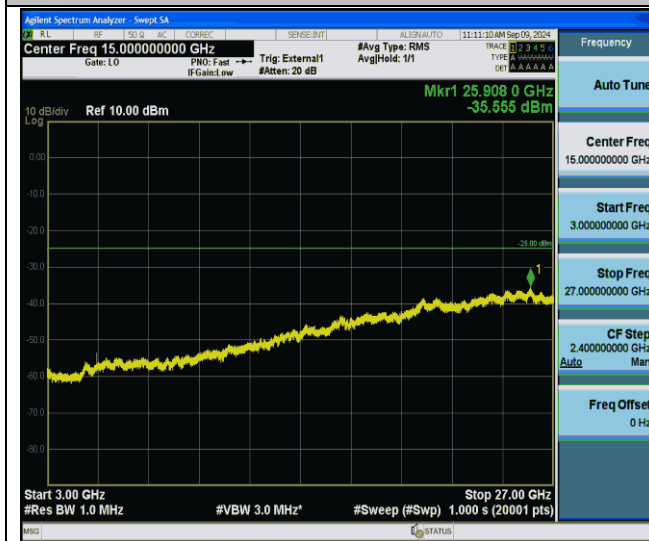




Band41-20MHz-QPSK-41490-1RB#0-30~1000-PASS



Band41-20MHz-QPSK-41490-1RB#0-1000~3000-PASS



Band41-20MHz-QPSK-41490-1RB#0-3000~27000-PASS



## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band41  | 20MHz     | QPSK       | 40620   | 100RB#0      | VN            | NT               | 2.40           | 0.000926        | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | 100RB#0      | VL            | NT               | 1.20           | 0.000463        | PASS    |
| Band41  | 20MHz     | QPSK       | 40620   | 100RB#0      | VH            | NT               | 0.60           | 0.000231        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -30              | 0.60           | 0.000231        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -20              | 0.50           | 0.000193        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | -10              | 1.10           | 0.000424        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 0                | -0.20          | -0.000077       | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 10               | 0.80           | 0.000309        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 20               | -0.40          | -0.000154       | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 30               | 1.00           | 0.000386        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 40               | 0.10           | 0.000039        | PASS    |
| Band41      | 20MHz     | QPSK       | 40620   | 100RB#0      | NV            | 50               | 2.40           | 0.000926        | PASS    |

~The End~