

# Appendix-A LTE Band 4

## Effective (Isotropic) Radiated Power Output Data

### Test Result

Ant8:

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | 24.30        | 27.8       | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 23.31        | 26.81      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#2            | 24.21        | 27.71      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | 24.31        | 27.81      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#0            | 24.29        | 27.79      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 23.27        | 26.77      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#2            | 24.28        | 27.78      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 1RB#5            | 24.26        | 27.76      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | 24.25        | 27.75      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 23.22        | 26.72      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#2            | 24.22        | 27.72      | 30.00       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | 24.22        | 27.72      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | 23.63        | 27.13      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 22.40        | 25.9       | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#2            | 23.52        | 27.02      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | 23.56        | 27.06      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#0            | 23.53        | 27.03      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 22.41        | 25.91      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#2            | 23.75        | 27.25      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 1RB#5            | 23.62        | 27.12      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | 23.53        | 27.03      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 22.30        | 25.8       | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#2            | 23.65        | 27.15      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | 23.60        | 27.1       | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#0            | 22.46        | 25.96      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 6RB#0            | 21.32        | 24.82      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#2            | 22.44        | 25.94      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 1RB#5            | 22.47        | 25.97      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#0            | 22.29        | 25.79      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 6RB#0            | 21.26        | 24.76      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#2            | 22.46        | 25.96      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 1RB#5            | 22.33        | 25.83      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 1RB#0            | 22.46        | 25.96      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 6RB#0            | 21.19        | 24.69      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 1RB#2            | 22.30        | 25.8       | 30.00       | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 1RB#5            | 22.33        | 25.83      | 30.00       | PASS    |
| Band4 | 1.4MHz    | 256QAM     | 19957   | 1RB#0            | 19.40        | 22.9       | 30.00       | PASS    |

|       |        |        |       |        |       |       |       |      |
|-------|--------|--------|-------|--------|-------|-------|-------|------|
| Band4 | 1.4MHz | 256QAM | 19957 | 6RB#0  | 18.89 | 22.39 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 1RB#2  | 19.54 | 23.04 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 19957 | 1RB#5  | 19.56 | 23.06 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 1RB#0  | 19.53 | 23.03 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 6RB#0  | 19.51 | 23.01 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 1RB#2  | 19.39 | 22.89 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20175 | 1RB#5  | 19.54 | 23.04 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 1RB#0  | 19.69 | 23.19 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 6RB#0  | 19.00 | 22.5  | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 1RB#2  | 19.57 | 23.07 | 30.00 | PASS |
| Band4 | 1.4MHz | 256QAM | 20393 | 1RB#5  | 19.66 | 23.16 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 1RB#0  | 24.56 | 28.06 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 15RB#0 | 23.45 | 26.95 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 1RB#8  | 24.54 | 28.04 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 19965 | 1RB#14 | 24.33 | 27.83 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20175 | 1RB#0  | 24.34 | 27.84 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20175 | 15RB#0 | 23.32 | 26.82 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20175 | 1RB#8  | 24.30 | 27.8  | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20175 | 1RB#14 | 24.42 | 27.92 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20385 | 1RB#0  | 24.28 | 27.78 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20385 | 15RB#0 | 23.29 | 26.79 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20385 | 1RB#8  | 24.42 | 27.92 | 30.00 | PASS |
| Band4 | 3MHz   | QPSK   | 20385 | 1RB#14 | 24.28 | 27.78 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 19965 | 1RB#0  | 23.81 | 27.31 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 19965 | 15RB#0 | 22.50 | 26    | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 19965 | 1RB#8  | 23.99 | 27.49 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 19965 | 1RB#14 | 23.62 | 27.12 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20175 | 1RB#0  | 23.59 | 27.09 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20175 | 15RB#0 | 22.31 | 25.81 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20175 | 1RB#8  | 23.60 | 27.1  | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20175 | 1RB#14 | 23.52 | 27.02 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20385 | 1RB#0  | 23.47 | 26.97 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20385 | 15RB#0 | 22.33 | 25.83 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20385 | 1RB#8  | 23.64 | 27.14 | 30.00 | PASS |
| Band4 | 3MHz   | 16QAM  | 20385 | 1RB#14 | 23.70 | 27.2  | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 19965 | 1RB#0  | 22.42 | 25.92 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 19965 | 15RB#0 | 21.28 | 24.78 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 19965 | 1RB#8  | 22.51 | 26.01 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 19965 | 1RB#14 | 22.49 | 25.99 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 20175 | 1RB#0  | 22.40 | 25.9  | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 20175 | 15RB#0 | 21.14 | 24.64 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 20175 | 1RB#8  | 22.36 | 25.86 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 20175 | 1RB#14 | 22.32 | 25.82 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 20385 | 1RB#0  | 22.28 | 25.78 | 30.00 | PASS |
| Band4 | 3MHz   | 64QAM  | 20385 | 15RB#0 | 21.20 | 24.7  | 30.00 | PASS |

|       |      |        |       |        |       |       |       |      |
|-------|------|--------|-------|--------|-------|-------|-------|------|
| Band4 | 3MHz | 64QAM  | 20385 | 1RB#8  | 22.39 | 25.89 | 30.00 | PASS |
| Band4 | 3MHz | 64QAM  | 20385 | 1RB#14 | 22.33 | 25.83 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 1RB#0  | 19.58 | 23.08 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 15RB#0 | 19.49 | 22.99 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 1RB#8  | 19.55 | 23.05 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 19965 | 1RB#14 | 19.57 | 23.07 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 1RB#0  | 19.41 | 22.91 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 15RB#0 | 19.32 | 22.82 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 1RB#8  | 19.60 | 23.1  | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20175 | 1RB#14 | 19.55 | 23.05 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 1RB#0  | 19.40 | 22.9  | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 15RB#0 | 19.39 | 22.89 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 1RB#8  | 19.29 | 22.79 | 30.00 | PASS |
| Band4 | 3MHz | 256QAM | 20385 | 1RB#14 | 19.34 | 22.84 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 1RB#0  | 24.61 | 28.11 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 25RB#0 | 23.52 | 27.02 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 1RB#12 | 24.54 | 28.04 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 19975 | 1RB#24 | 24.43 | 27.93 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 1RB#0  | 24.45 | 27.95 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 25RB#0 | 23.31 | 26.81 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 1RB#12 | 24.51 | 28.01 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20175 | 1RB#24 | 24.32 | 27.82 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 1RB#0  | 24.30 | 27.8  | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 25RB#0 | 23.29 | 26.79 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 1RB#12 | 24.33 | 27.83 | 30.00 | PASS |
| Band4 | 5MHz | QPSK   | 20375 | 1RB#24 | 24.35 | 27.85 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 19975 | 1RB#0  | 23.90 | 27.4  | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 19975 | 25RB#0 | 22.55 | 26.05 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 19975 | 1RB#12 | 23.92 | 27.42 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 19975 | 1RB#24 | 23.85 | 27.35 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20175 | 1RB#0  | 23.99 | 27.49 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20175 | 25RB#0 | 22.36 | 25.86 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20175 | 1RB#12 | 23.85 | 27.35 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20175 | 1RB#24 | 23.61 | 27.11 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20375 | 1RB#0  | 23.48 | 26.98 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20375 | 25RB#0 | 22.24 | 25.74 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20375 | 1RB#12 | 23.76 | 27.26 | 30.00 | PASS |
| Band4 | 5MHz | 16QAM  | 20375 | 1RB#24 | 23.67 | 27.17 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM  | 19975 | 1RB#0  | 22.62 | 26.12 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM  | 19975 | 25RB#0 | 21.40 | 24.9  | 30.00 | PASS |
| Band4 | 5MHz | 64QAM  | 19975 | 1RB#12 | 22.59 | 26.09 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM  | 19975 | 1RB#24 | 22.57 | 26.07 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM  | 20175 | 1RB#0  | 22.36 | 25.86 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM  | 20175 | 25RB#0 | 21.16 | 24.66 | 30.00 | PASS |
| Band4 | 5MHz | 64QAM  | 20175 | 1RB#12 | 22.45 | 25.95 | 30.00 | PASS |

|       |       |        |       |        |       |       |       |      |
|-------|-------|--------|-------|--------|-------|-------|-------|------|
| Band4 | 5MHz  | 64QAM  | 20175 | 1RB#24 | 22.24 | 25.74 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 1RB#0  | 22.21 | 25.71 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 25RB#0 | 21.08 | 24.58 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 1RB#12 | 22.39 | 25.89 | 30.00 | PASS |
| Band4 | 5MHz  | 64QAM  | 20375 | 1RB#24 | 22.21 | 25.71 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 1RB#0  | 19.85 | 23.35 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 25RB#0 | 19.34 | 22.84 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 1RB#12 | 19.85 | 23.35 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 19975 | 1RB#24 | 19.92 | 23.42 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 1RB#0  | 19.47 | 22.97 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 25RB#0 | 19.44 | 22.94 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 1RB#12 | 19.34 | 22.84 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20175 | 1RB#24 | 19.34 | 22.84 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 1RB#0  | 19.87 | 23.37 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 25RB#0 | 19.31 | 22.81 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 1RB#12 | 19.55 | 23.05 | 30.00 | PASS |
| Band4 | 5MHz  | 256QAM | 20375 | 1RB#24 | 19.34 | 22.84 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 1RB#0  | 24.60 | 28.1  | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 50RB#0 | 23.57 | 27.07 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 1RB#24 | 24.55 | 28.05 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20000 | 1RB#49 | 24.38 | 27.88 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20175 | 1RB#0  | 24.45 | 27.95 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20175 | 50RB#0 | 23.33 | 26.83 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20175 | 1RB#24 | 24.33 | 27.83 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20175 | 1RB#49 | 24.34 | 27.84 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20350 | 1RB#0  | 24.33 | 27.83 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20350 | 50RB#0 | 23.39 | 26.89 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20350 | 1RB#24 | 24.25 | 27.75 | 30.00 | PASS |
| Band4 | 10MHz | QPSK   | 20350 | 1RB#49 | 24.25 | 27.75 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20000 | 1RB#0  | 23.87 | 27.37 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20000 | 50RB#0 | 22.60 | 26.1  | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20000 | 1RB#24 | 23.76 | 27.26 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20000 | 1RB#49 | 23.53 | 27.03 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20175 | 1RB#0  | 23.71 | 27.21 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20175 | 50RB#0 | 22.34 | 25.84 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20175 | 1RB#24 | 23.66 | 27.16 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20175 | 1RB#49 | 23.38 | 26.88 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 1RB#0  | 23.64 | 27.14 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 50RB#0 | 22.41 | 25.91 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 1RB#24 | 23.71 | 27.21 | 30.00 | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 1RB#49 | 23.45 | 26.95 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 1RB#0  | 22.65 | 26.15 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 50RB#0 | 21.35 | 24.85 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 1RB#24 | 22.68 | 26.18 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 1RB#49 | 22.58 | 26.08 | 30.00 | PASS |

|       |       |        |       |        |       |       |       |      |
|-------|-------|--------|-------|--------|-------|-------|-------|------|
| Band4 | 10MHz | 64QAM  | 20175 | 1RB#0  | 22.49 | 25.99 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 50RB#0 | 21.18 | 24.68 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 1RB#24 | 22.37 | 25.87 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 1RB#49 | 22.21 | 25.71 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 1RB#0  | 22.46 | 25.96 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 50RB#0 | 21.21 | 24.71 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 1RB#24 | 22.53 | 26.03 | 30.00 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 1RB#49 | 22.20 | 25.7  | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 1RB#0  | 19.74 | 23.24 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 50RB#0 | 19.09 | 22.59 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 1RB#24 | 19.66 | 23.16 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 1RB#49 | 19.74 | 23.24 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 1RB#0  | 19.55 | 23.05 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 50RB#0 | 19.40 | 22.9  | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 1RB#24 | 19.64 | 23.14 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 1RB#49 | 19.62 | 23.12 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 1RB#0  | 19.62 | 23.12 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 50RB#0 | 19.34 | 22.84 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 1RB#24 | 19.58 | 23.08 | 30.00 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 1RB#49 | 19.70 | 23.2  | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 1RB#0  | 24.49 | 27.99 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 75RB#0 | 23.55 | 27.05 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 1RB#38 | 24.42 | 27.92 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 1RB#74 | 24.87 | 28.37 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 1RB#0  | 24.58 | 28.08 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 75RB#0 | 23.31 | 26.81 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 1RB#38 | 24.36 | 27.86 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 1RB#74 | 24.21 | 27.71 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 1RB#0  | 24.25 | 27.75 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 75RB#0 | 23.30 | 26.8  | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 1RB#38 | 24.24 | 27.74 | 30.00 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 1RB#74 | 24.03 | 27.53 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20025 | 1RB#0  | 23.71 | 27.21 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20025 | 75RB#0 | 22.47 | 25.97 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20025 | 1RB#38 | 23.67 | 27.17 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20025 | 1RB#74 | 23.61 | 27.11 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20175 | 1RB#0  | 23.65 | 27.15 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20175 | 75RB#0 | 22.31 | 25.81 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20175 | 1RB#38 | 23.56 | 27.06 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20175 | 1RB#74 | 23.53 | 27.03 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20325 | 1RB#0  | 23.50 | 27    | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20325 | 75RB#0 | 22.25 | 25.75 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20325 | 1RB#38 | 23.38 | 26.88 | 30.00 | PASS |
| Band4 | 15MHz | 16QAM  | 20325 | 1RB#74 | 23.47 | 26.97 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20025 | 1RB#0  | 22.58 | 26.08 | 30.00 | PASS |

|       |       |        |       |         |       |       |       |      |
|-------|-------|--------|-------|---------|-------|-------|-------|------|
| Band4 | 15MHz | 64QAM  | 20025 | 75RB#0  | 21.32 | 24.82 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20025 | 1RB#38  | 22.56 | 26.06 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20025 | 1RB#74  | 22.50 | 26    | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20175 | 1RB#0   | 22.58 | 26.08 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20175 | 75RB#0  | 21.12 | 24.62 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20175 | 1RB#38  | 22.38 | 25.88 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20175 | 1RB#74  | 22.24 | 25.74 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 1RB#0   | 22.33 | 25.83 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 75RB#0  | 21.13 | 24.63 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 1RB#38  | 22.34 | 25.84 | 30.00 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 1RB#74  | 22.21 | 25.71 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 1RB#0   | 19.60 | 23.1  | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 75RB#0  | 19.58 | 23.08 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 1RB#38  | 19.68 | 23.18 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 1RB#74  | 19.40 | 22.9  | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 1RB#0   | 19.65 | 23.15 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 75RB#0  | 19.25 | 22.75 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 1RB#38  | 19.70 | 23.2  | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 1RB#74  | 19.29 | 22.79 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 1RB#0   | 19.39 | 22.89 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 75RB#0  | 19.22 | 22.72 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 1RB#38  | 19.22 | 22.72 | 30.00 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 1RB#74  | 19.21 | 22.71 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 1RB#0   | 24.82 | 28.32 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 100RB#0 | 23.50 | 27    | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 1RB#49  | 24.51 | 28.01 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 1RB#99  | 24.71 | 28.21 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20175 | 1RB#0   | 24.45 | 27.95 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20175 | 100RB#0 | 23.34 | 26.84 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20175 | 1RB#49  | 24.26 | 27.76 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20175 | 1RB#99  | 24.22 | 27.72 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20300 | 1RB#0   | 24.36 | 27.86 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20300 | 100RB#0 | 23.21 | 26.71 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20300 | 1RB#49  | 24.14 | 27.64 | 30.00 | PASS |
| Band4 | 20MHz | QPSK   | 20300 | 1RB#99  | 24.31 | 27.81 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20050 | 1RB#0   | 23.72 | 27.22 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20050 | 100RB#0 | 22.50 | 26    | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20050 | 1RB#49  | 23.85 | 27.35 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20050 | 1RB#99  | 23.66 | 27.16 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20175 | 1RB#0   | 23.76 | 27.26 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20175 | 100RB#0 | 22.35 | 25.85 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20175 | 1RB#49  | 23.74 | 27.24 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20175 | 1RB#99  | 23.40 | 26.9  | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 1RB#0   | 23.60 | 27.1  | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 100RB#0 | 22.16 | 25.66 | 30.00 | PASS |

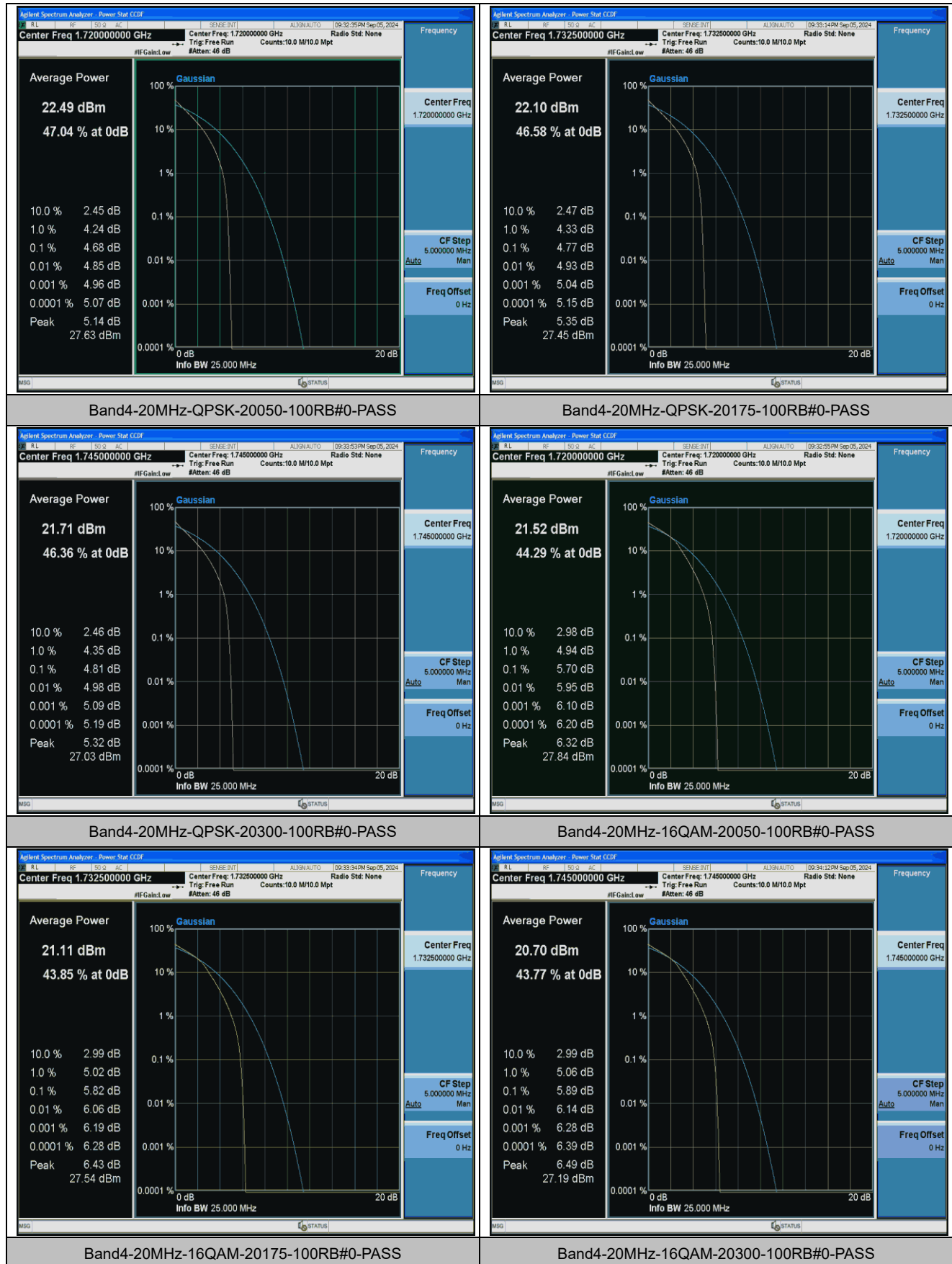
|       |       |        |       |         |       |       |       |      |
|-------|-------|--------|-------|---------|-------|-------|-------|------|
| Band4 | 20MHz | 16QAM  | 20300 | 1RB#49  | 23.45 | 26.95 | 30.00 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 1RB#99  | 23.32 | 26.82 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 1RB#0   | 22.63 | 26.13 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 100RB#0 | 21.37 | 24.87 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 1RB#49  | 22.61 | 26.11 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 1RB#99  | 22.37 | 25.87 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 1RB#0   | 22.51 | 26.01 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 100RB#0 | 21.12 | 24.62 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 1RB#49  | 22.37 | 25.87 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 1RB#99  | 22.16 | 25.66 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 1RB#0   | 22.21 | 25.71 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 100RB#0 | 20.97 | 24.47 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 1RB#49  | 22.29 | 25.79 | 30.00 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 1RB#99  | 22.18 | 25.68 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 1RB#0   | 19.52 | 23.02 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 100RB#0 | 19.22 | 22.72 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 1RB#49  | 19.65 | 23.15 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 1RB#99  | 19.55 | 23.05 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 1RB#0   | 19.65 | 23.15 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 100RB#0 | 19.33 | 22.83 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 1RB#49  | 19.48 | 22.98 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 1RB#99  | 19.34 | 22.84 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 1RB#0   | 19.33 | 22.83 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 100RB#0 | 19.16 | 22.66 | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 1RB#49  | 19.30 | 22.8  | 30.00 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 1RB#99  | 19.24 | 22.74 | 30.00 | PASS |

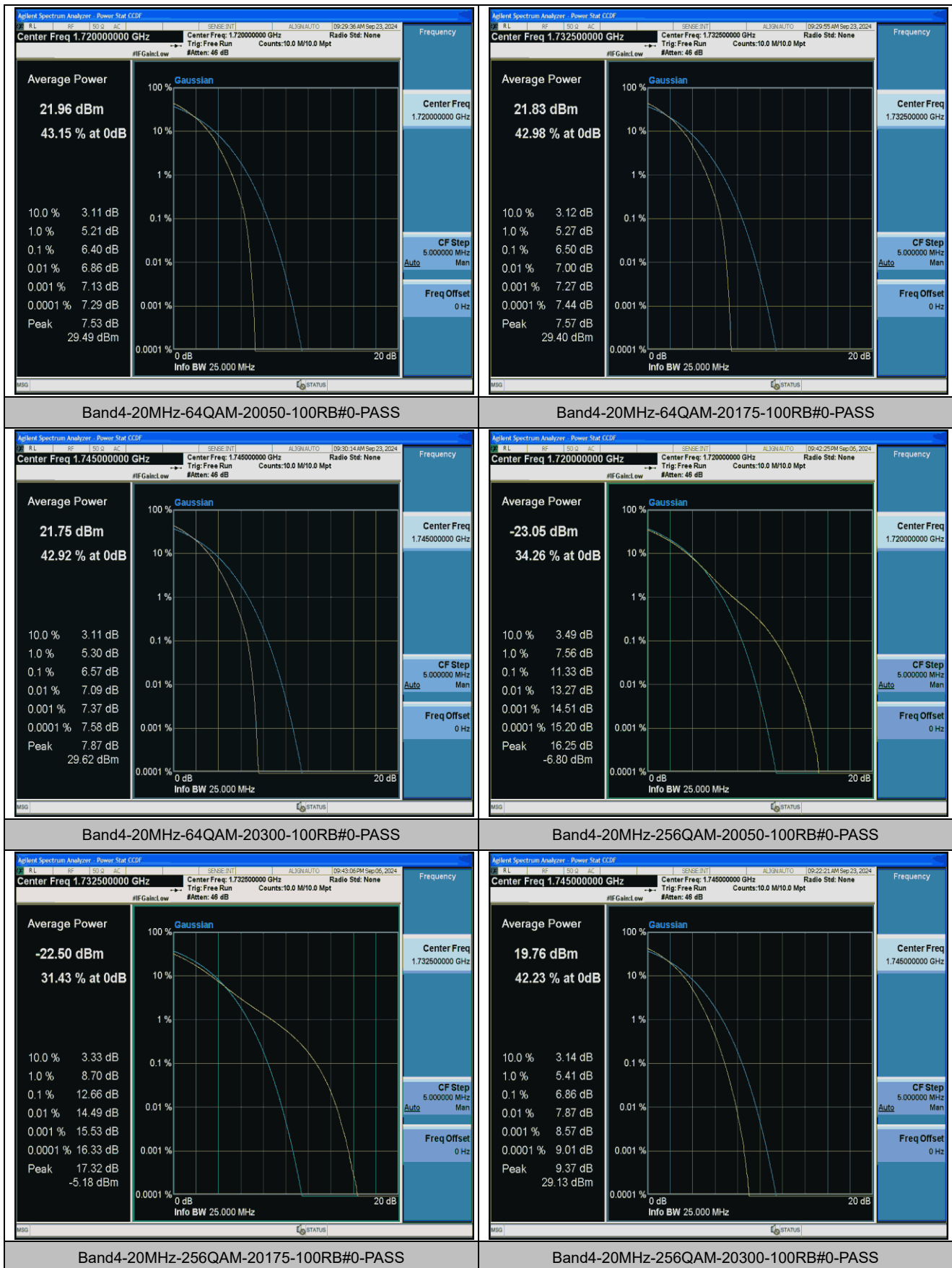
## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dB) | Limit (dB) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 4.68        | 13         | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 4.77        | 13         | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 4.81        | 13         | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 5.70        | 13         | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 100RB#0          | 5.82        | 13         | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 100RB#0          | 5.89        | 13         | PASS    |
| Band4 | 20MHz     | 64QAM      | 20050   | 100RB#0          | 6.40        | 13         | PASS    |
| Band4 | 20MHz     | 64QAM      | 20175   | 100RB#0          | 6.50        | 13         | PASS    |
| Band4 | 20MHz     | 64QAM      | 20300   | 100RB#0          | 6.57        | 13         | PASS    |
| Band4 | 20MHz     | 256QAM     | 20050   | 100RB#0          | 11.33       | 13         | PASS    |
| Band4 | 20MHz     | 256QAM     | 20175   | 100RB#0          | 12.66       | 13         | PASS    |
| Band4 | 20MHz     | 256QAM     | 20300   | 100RB#0          | 6.86        | 13         | PASS    |

## Test Graphs





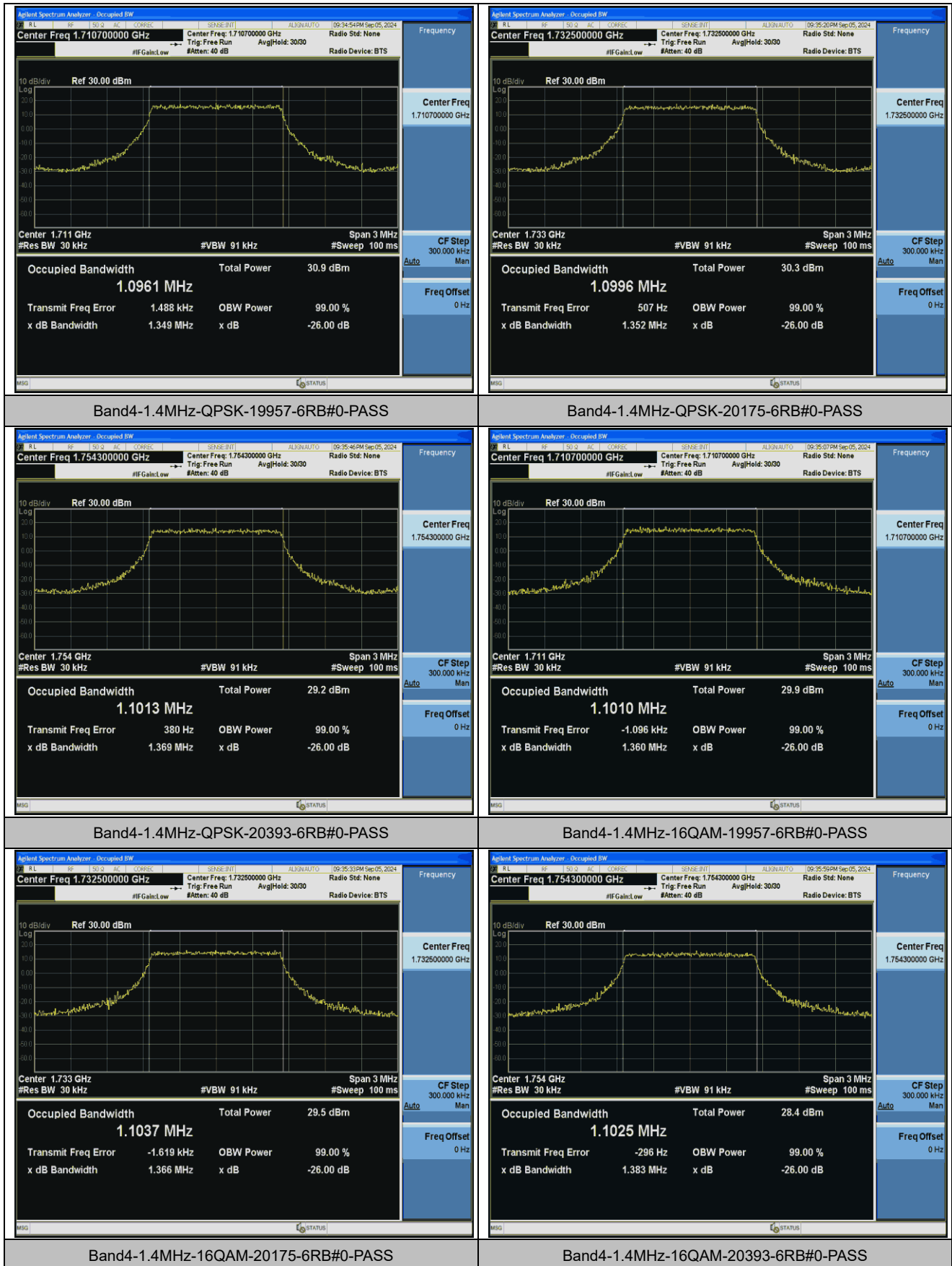
## 26dB Bandwidth and Occupied Bandwidth

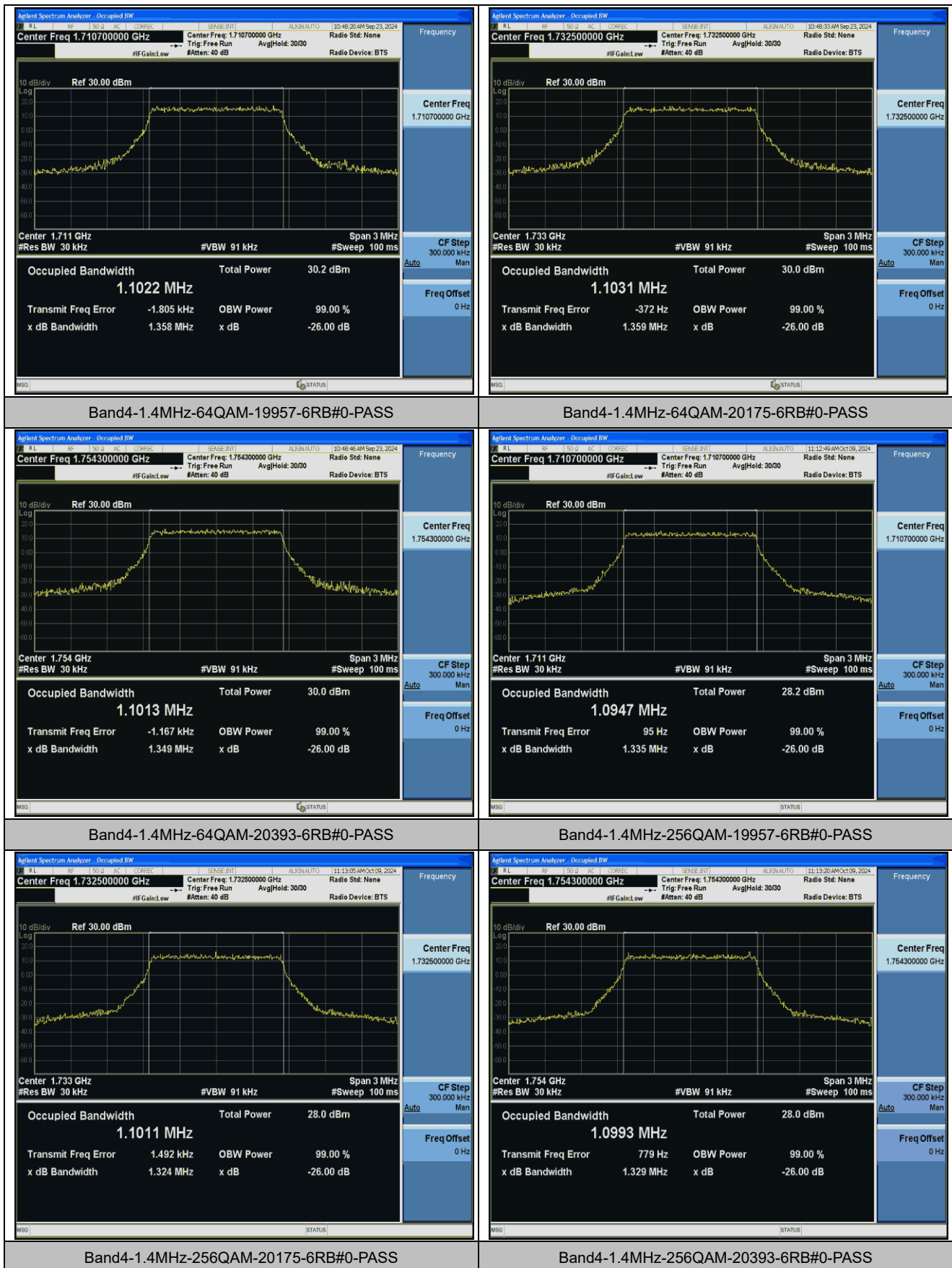
### Test Result

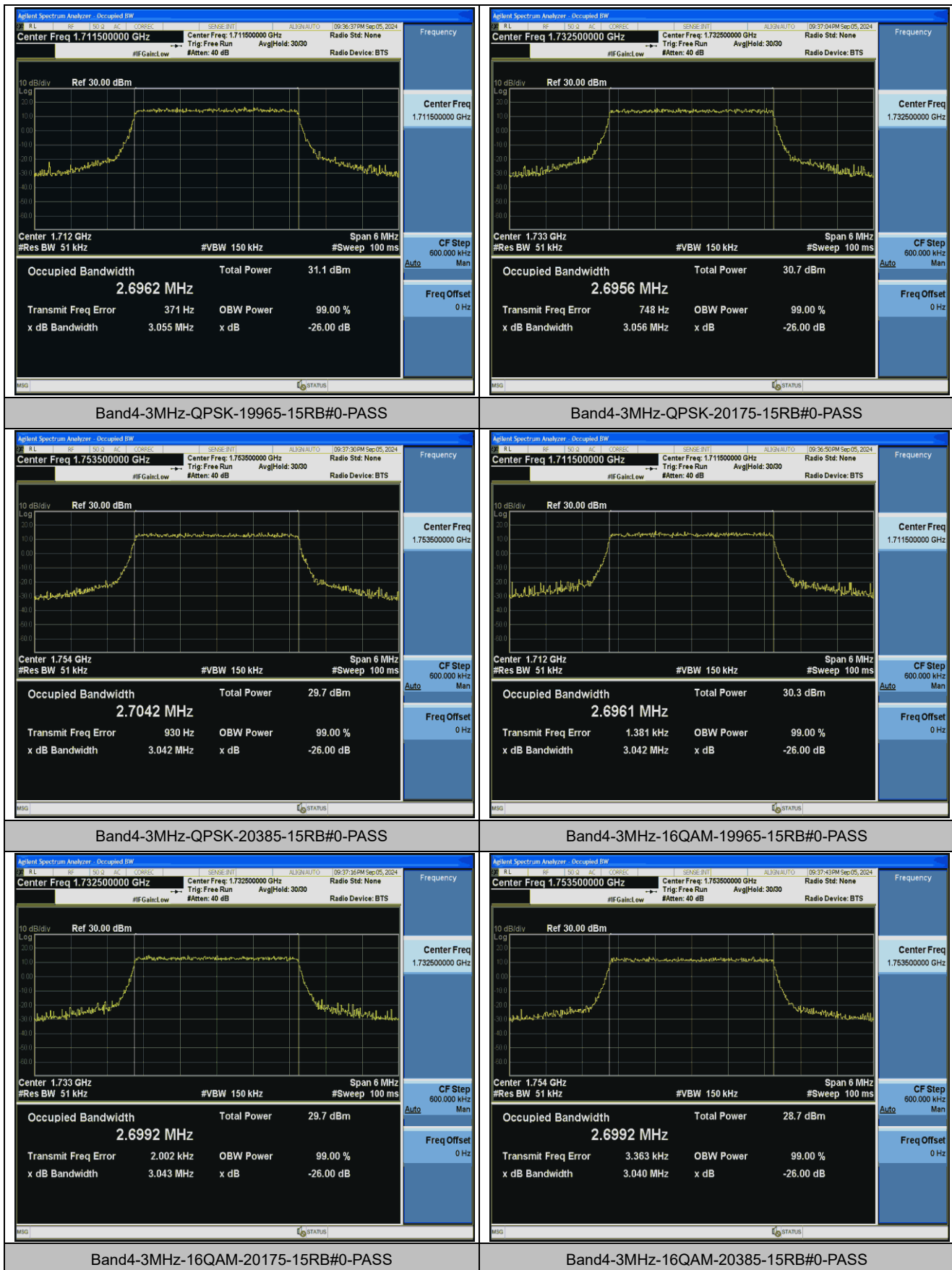
| Band  | Bandwidth | Modulation | Channel | RB Configuration | OBW (MHz) | 26dB EBW (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|-----------|----------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0961    | 1.349          | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0996    | 1.352          | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.1013    | 1.369          | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.1010    | 1.360          | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.1037    | 1.366          | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.1025    | 1.383          | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 19957   | 6RB#0            | 1.1022    | 1.358          | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20175   | 6RB#0            | 1.1031    | 1.359          | PASS    |
| Band4 | 1.4MHz    | 64QAM      | 20393   | 6RB#0            | 1.1013    | 1.349          | PASS    |
| Band4 | 1.4MHz    | 256QAM     | 19957   | 6RB#0            | 1.0947    | 1.335          | PASS    |
| Band4 | 1.4MHz    | 256QAM     | 20175   | 6RB#0            | 1.1011    | 1.324          | PASS    |
| Band4 | 1.4MHz    | 256QAM     | 20393   | 6RB#0            | 1.0993    | 1.329          | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6962    | 3.055          | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.6956    | 3.056          | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.7042    | 3.042          | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.6961    | 3.042          | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.6992    | 3.043          | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.6992    | 3.040          | PASS    |
| Band4 | 3MHz      | 64QAM      | 19965   | 15RB#0           | 2.6929    | 3.032          | PASS    |
| Band4 | 3MHz      | 64QAM      | 20175   | 15RB#0           | 2.6956    | 3.056          | PASS    |
| Band4 | 3MHz      | 64QAM      | 20385   | 15RB#0           | 2.7050    | 3.045          | PASS    |
| Band4 | 3MHz      | 256QAM     | 19965   | 15RB#0           | 2.6981    | 3.049          | PASS    |
| Band4 | 3MHz      | 256QAM     | 20175   | 15RB#0           | 2.7007    | 3.080          | PASS    |
| Band4 | 3MHz      | 256QAM     | 20385   | 15RB#0           | 2.7018    | 3.046          | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.5083    | 5.117          | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.5089    | 5.093          | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5121    | 5.150          | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5014    | 5.169          | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5108    | 5.198          | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.5055    | 5.134          | PASS    |
| Band4 | 5MHz      | 64QAM      | 19975   | 25RB#0           | 4.5110    | 5.187          | PASS    |
| Band4 | 5MHz      | 64QAM      | 20175   | 25RB#0           | 4.5043    | 5.145          | PASS    |
| Band4 | 5MHz      | 64QAM      | 20375   | 25RB#0           | 4.5166    | 5.164          | PASS    |
| Band4 | 5MHz      | 256QAM     | 19975   | 25RB#0           | 4.4983    | 5.091          | PASS    |
| Band4 | 5MHz      | 256QAM     | 20175   | 25RB#0           | 4.5043    | 5.160          | PASS    |
| Band4 | 5MHz      | 256QAM     | 20375   | 25RB#0           | 4.5067    | 5.115          | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9845    | 10.12          | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 9.0070    | 10.02          | PASS    |

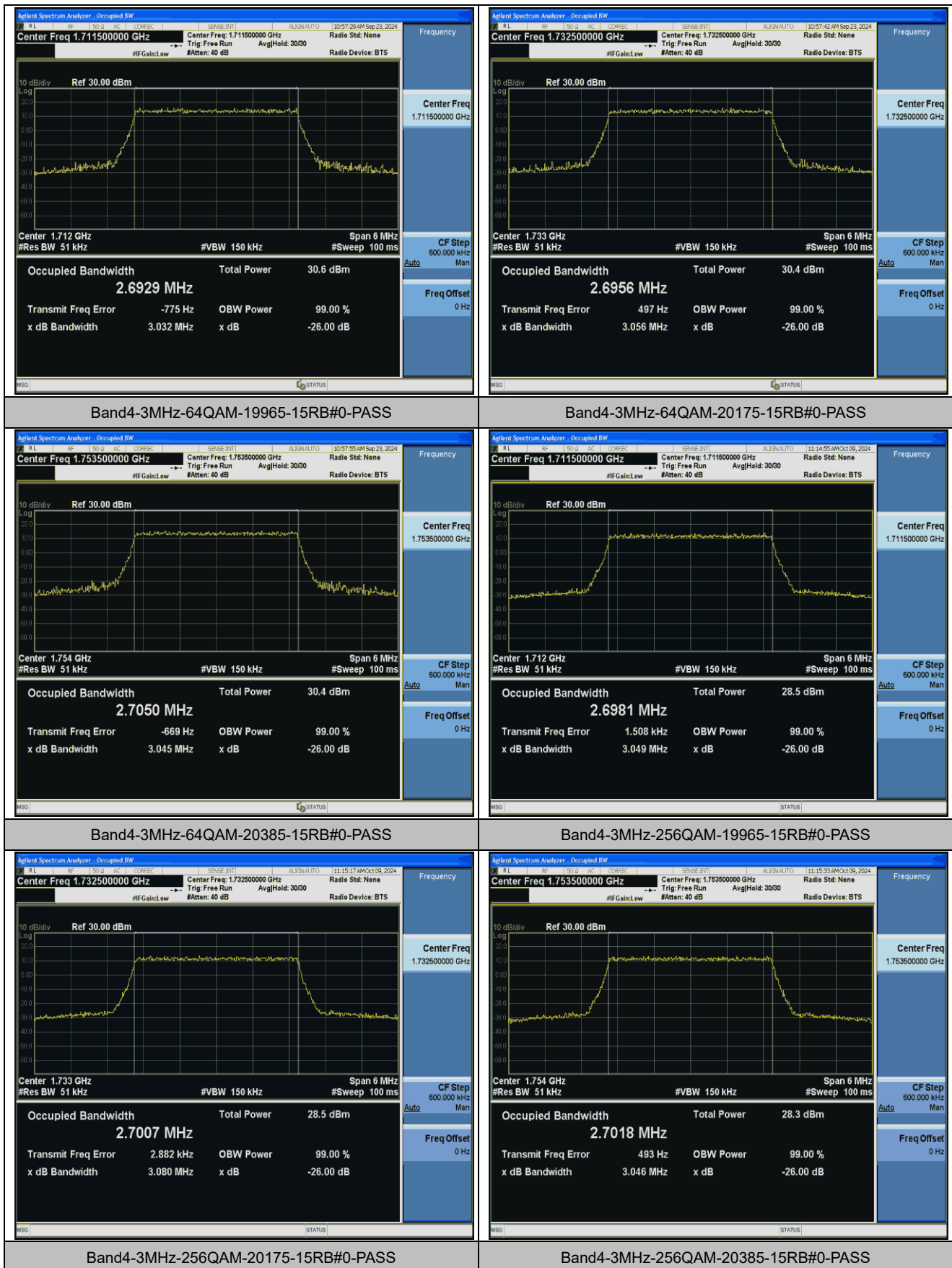
|       |       |        |       |         |        |       |      |
|-------|-------|--------|-------|---------|--------|-------|------|
| Band4 | 10MHz | QPSK   | 20350 | 50RB#0  | 8.9981 | 10.07 | PASS |
| Band4 | 10MHz | 16QAM  | 20000 | 50RB#0  | 8.9929 | 10.12 | PASS |
| Band4 | 10MHz | 16QAM  | 20175 | 50RB#0  | 8.9870 | 10.17 | PASS |
| Band4 | 10MHz | 16QAM  | 20350 | 50RB#0  | 9.0184 | 10.13 | PASS |
| Band4 | 10MHz | 64QAM  | 20000 | 50RB#0  | 8.9933 | 10.06 | PASS |
| Band4 | 10MHz | 64QAM  | 20175 | 50RB#0  | 9.0155 | 10.06 | PASS |
| Band4 | 10MHz | 64QAM  | 20350 | 50RB#0  | 8.9968 | 10.06 | PASS |
| Band4 | 10MHz | 256QAM | 20000 | 50RB#0  | 8.9814 | 10.01 | PASS |
| Band4 | 10MHz | 256QAM | 20175 | 50RB#0  | 8.9912 | 10.06 | PASS |
| Band4 | 10MHz | 256QAM | 20350 | 50RB#0  | 8.9962 | 9.919 | PASS |
| Band4 | 15MHz | QPSK   | 20025 | 75RB#0  | 13.472 | 14.83 | PASS |
| Band4 | 15MHz | QPSK   | 20175 | 75RB#0  | 13.477 | 14.97 | PASS |
| Band4 | 15MHz | QPSK   | 20325 | 75RB#0  | 13.489 | 14.95 | PASS |
| Band4 | 15MHz | 16QAM  | 20025 | 75RB#0  | 13.492 | 14.95 | PASS |
| Band4 | 15MHz | 16QAM  | 20175 | 75RB#0  | 13.481 | 14.96 | PASS |
| Band4 | 15MHz | 16QAM  | 20325 | 75RB#0  | 13.491 | 14.94 | PASS |
| Band4 | 15MHz | 64QAM  | 20025 | 75RB#0  | 13.495 | 14.94 | PASS |
| Band4 | 15MHz | 64QAM  | 20175 | 75RB#0  | 13.484 | 14.96 | PASS |
| Band4 | 15MHz | 64QAM  | 20325 | 75RB#0  | 13.502 | 15.03 | PASS |
| Band4 | 15MHz | 256QAM | 20025 | 75RB#0  | 13.496 | 14.96 | PASS |
| Band4 | 15MHz | 256QAM | 20175 | 75RB#0  | 13.488 | 14.96 | PASS |
| Band4 | 15MHz | 256QAM | 20325 | 75RB#0  | 13.481 | 14.89 | PASS |
| Band4 | 20MHz | QPSK   | 20050 | 100RB#0 | 17.952 | 19.64 | PASS |
| Band4 | 20MHz | QPSK   | 20175 | 100RB#0 | 17.970 | 19.81 | PASS |
| Band4 | 20MHz | QPSK   | 20300 | 100RB#0 | 17.994 | 19.88 | PASS |
| Band4 | 20MHz | 16QAM  | 20050 | 100RB#0 | 18.003 | 19.74 | PASS |
| Band4 | 20MHz | 16QAM  | 20175 | 100RB#0 | 18.004 | 19.86 | PASS |
| Band4 | 20MHz | 16QAM  | 20300 | 100RB#0 | 17.974 | 19.85 | PASS |
| Band4 | 20MHz | 64QAM  | 20050 | 100RB#0 | 17.963 | 19.80 | PASS |
| Band4 | 20MHz | 64QAM  | 20175 | 100RB#0 | 18.006 | 19.78 | PASS |
| Band4 | 20MHz | 64QAM  | 20300 | 100RB#0 | 18.028 | 19.76 | PASS |
| Band4 | 20MHz | 256QAM | 20050 | 100RB#0 | 17.981 | 19.84 | PASS |
| Band4 | 20MHz | 256QAM | 20175 | 100RB#0 | 18.008 | 19.71 | PASS |
| Band4 | 20MHz | 256QAM | 20300 | 100RB#0 | 18.022 | 19.81 | PASS |

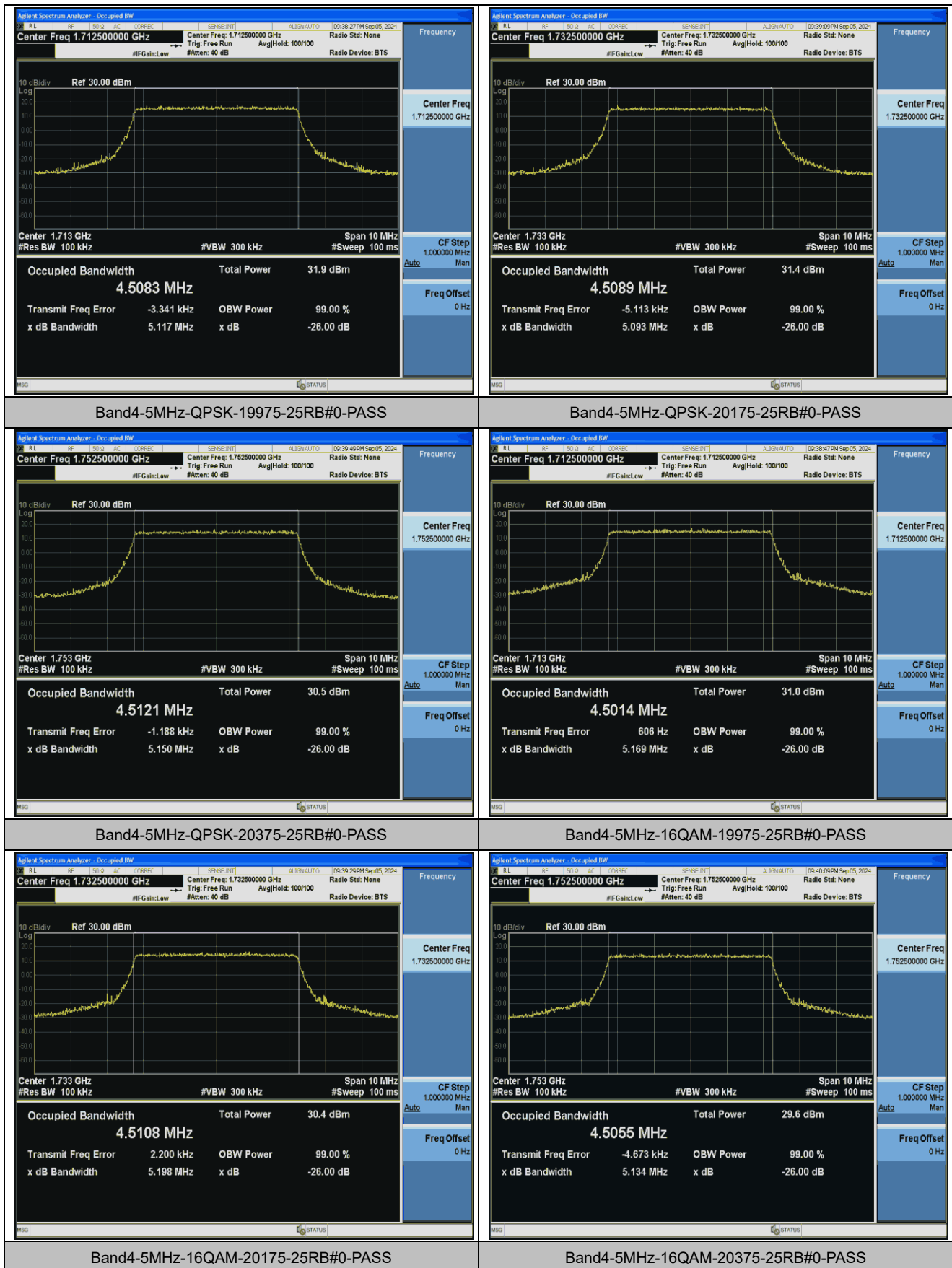
## Test Graphs

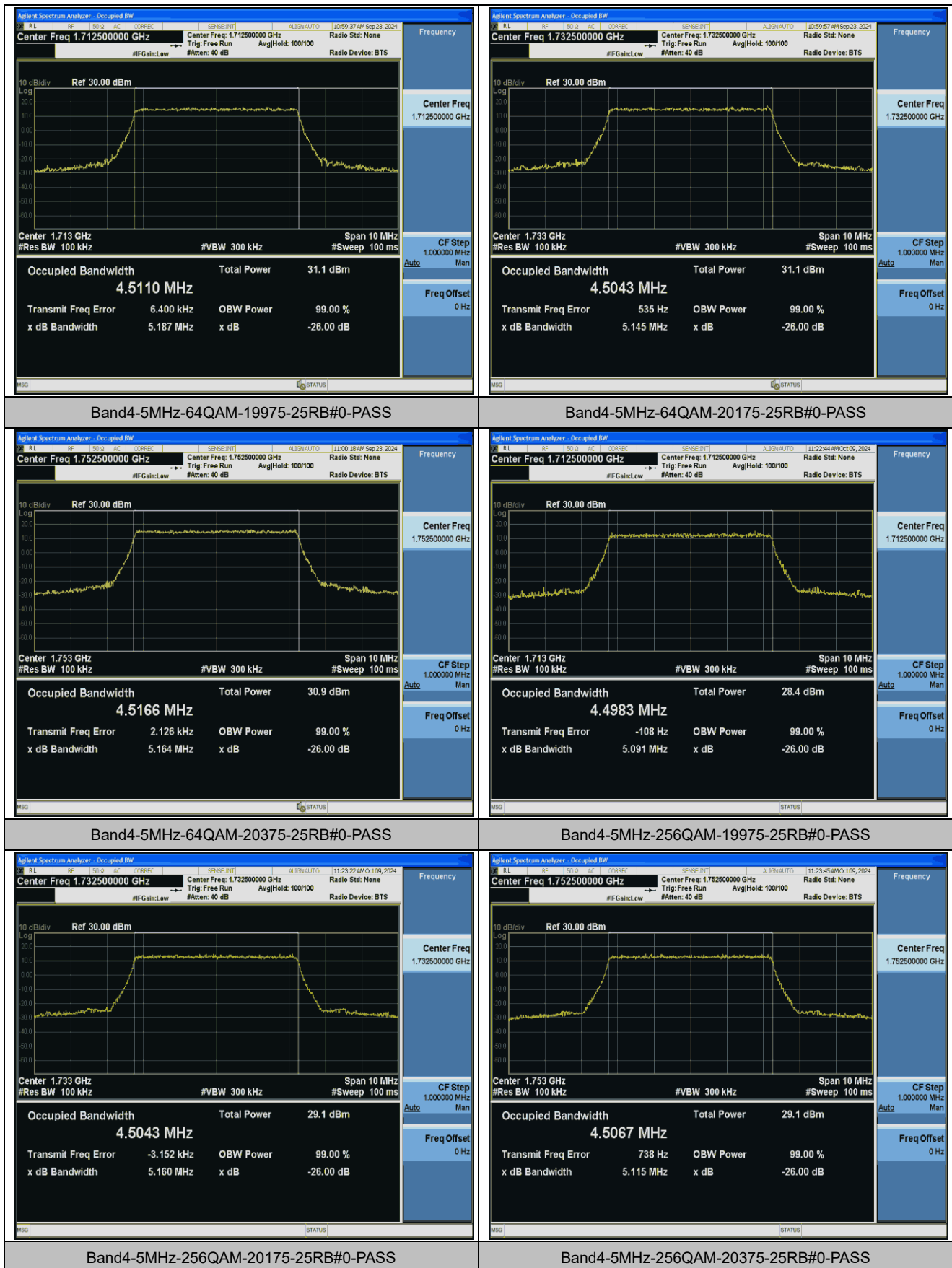


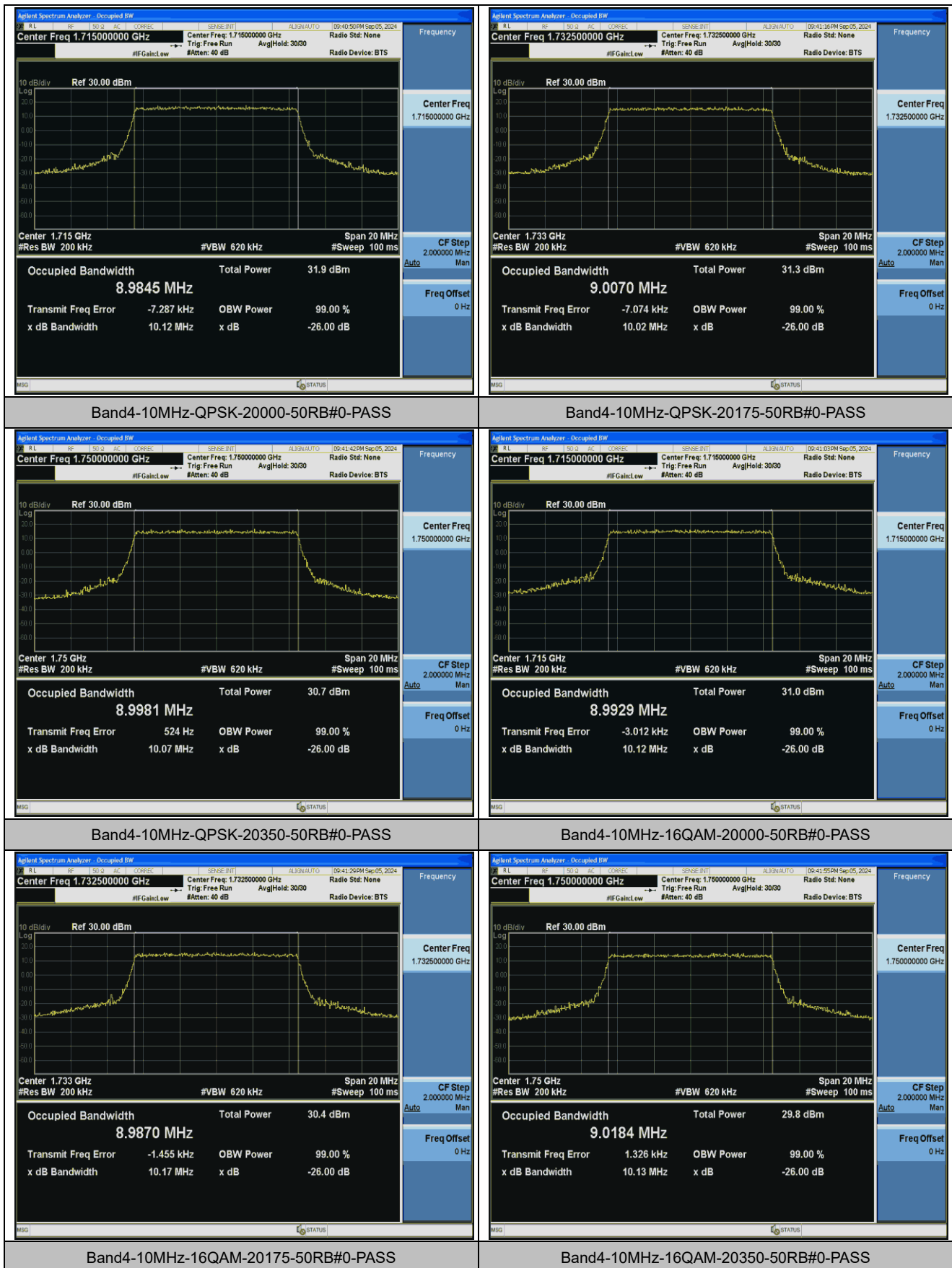


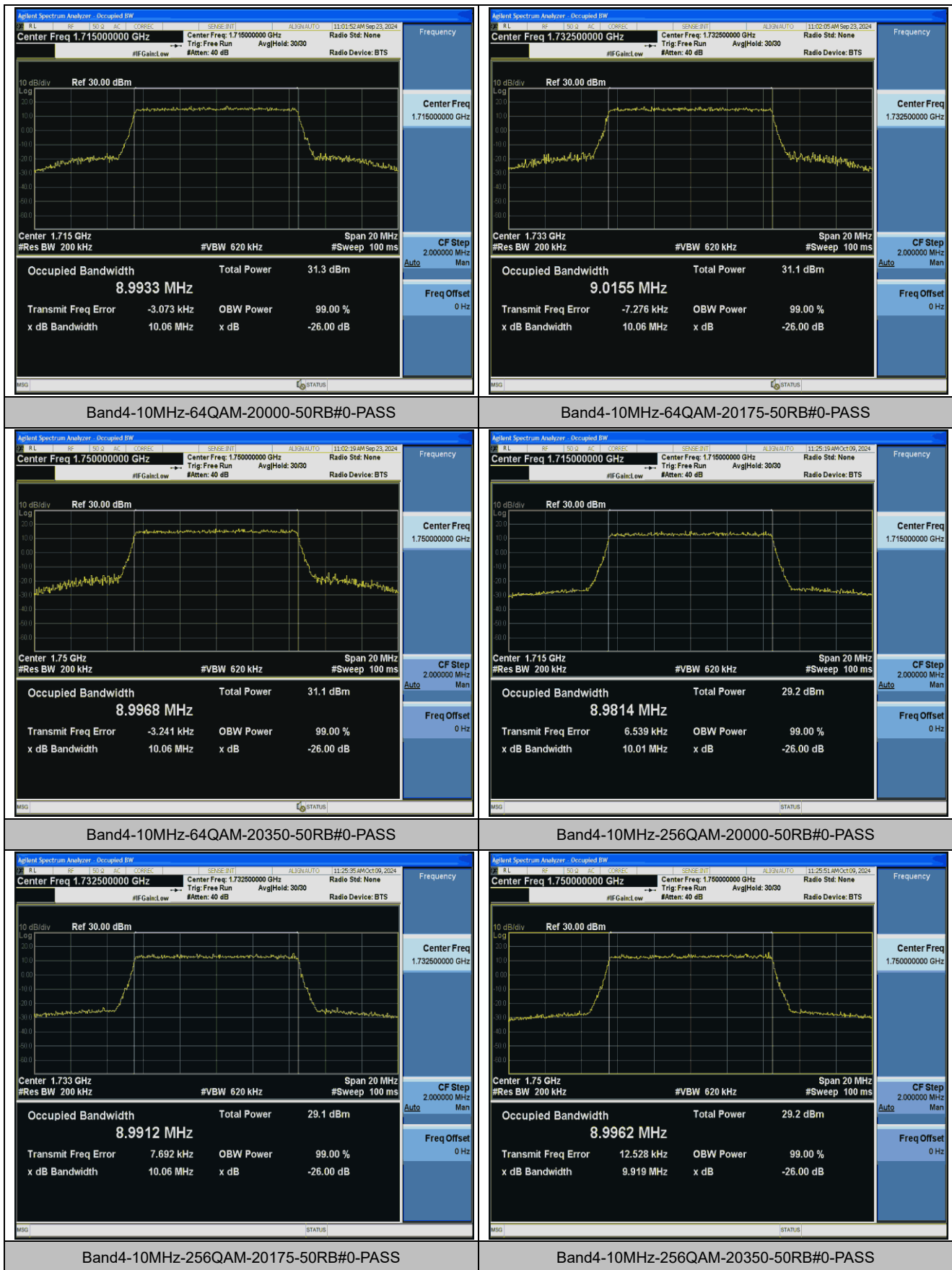


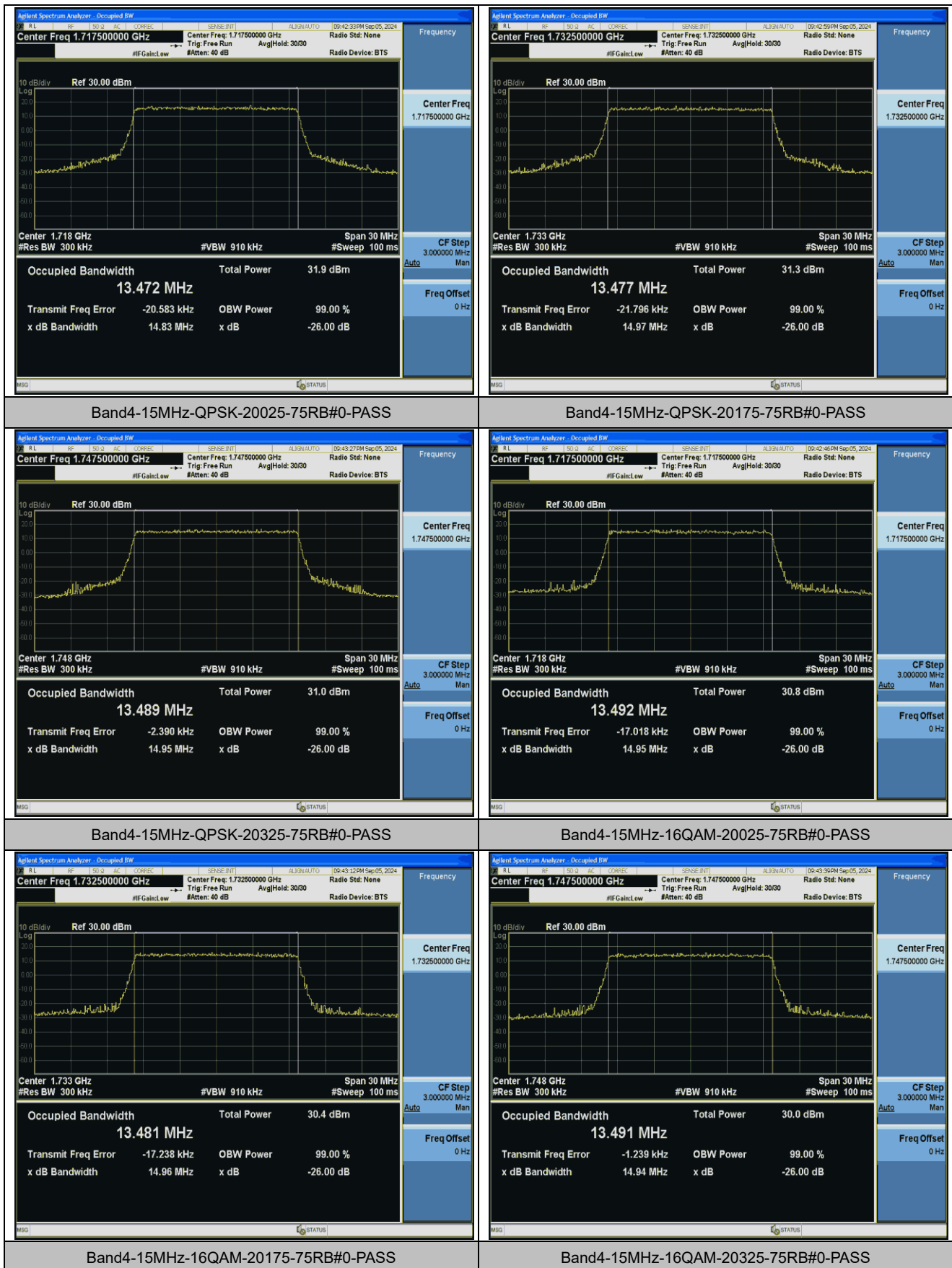


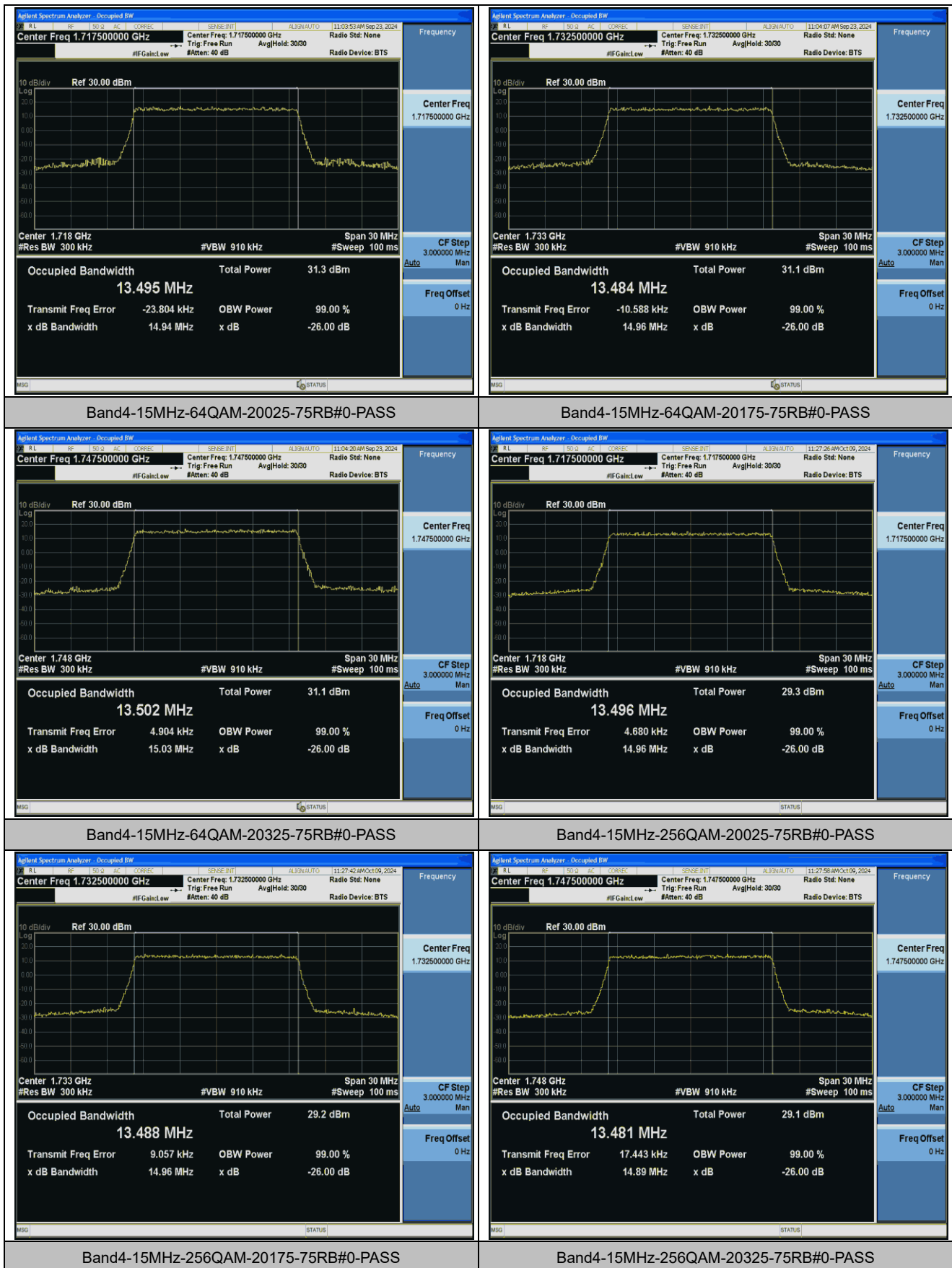


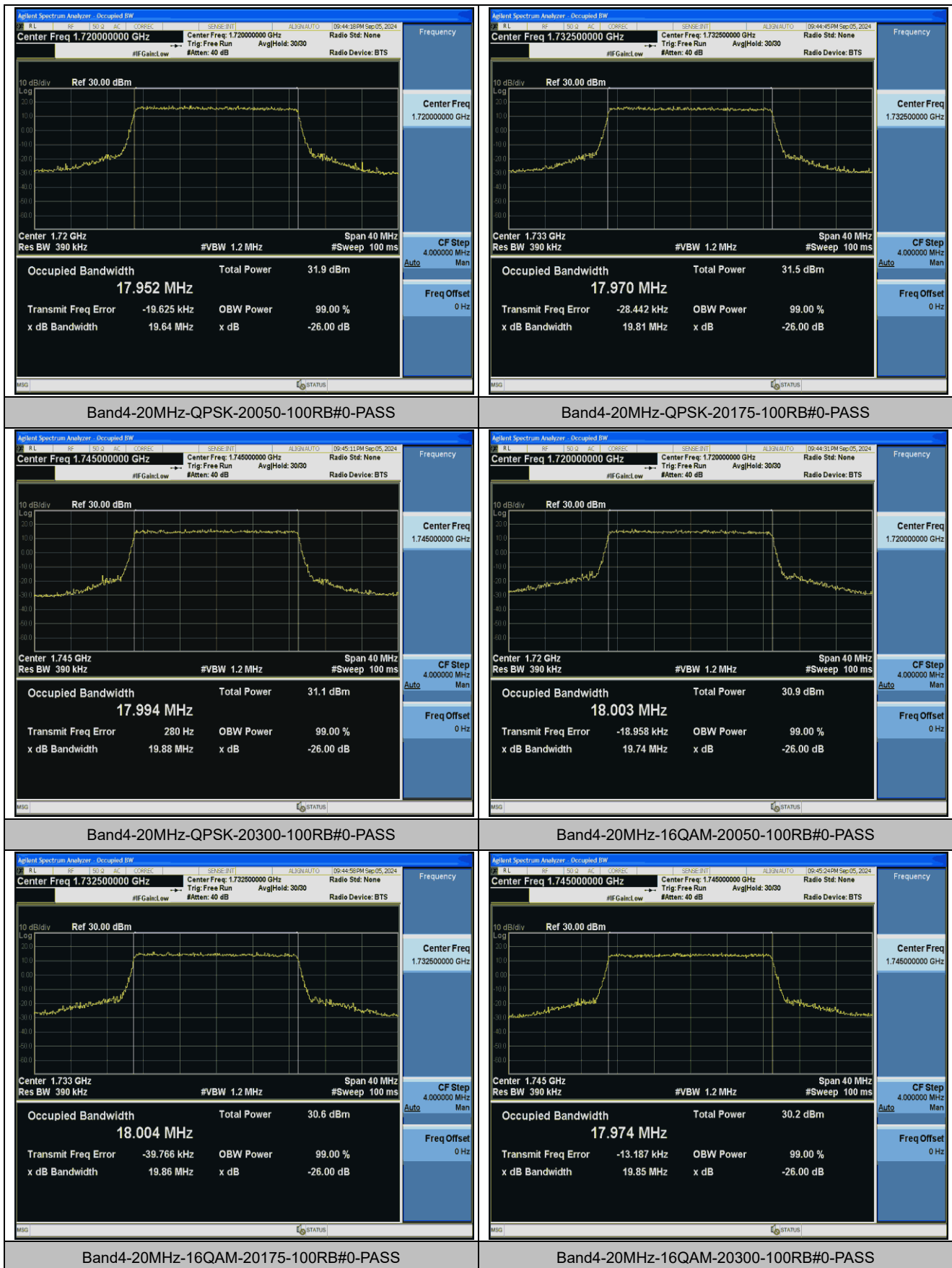


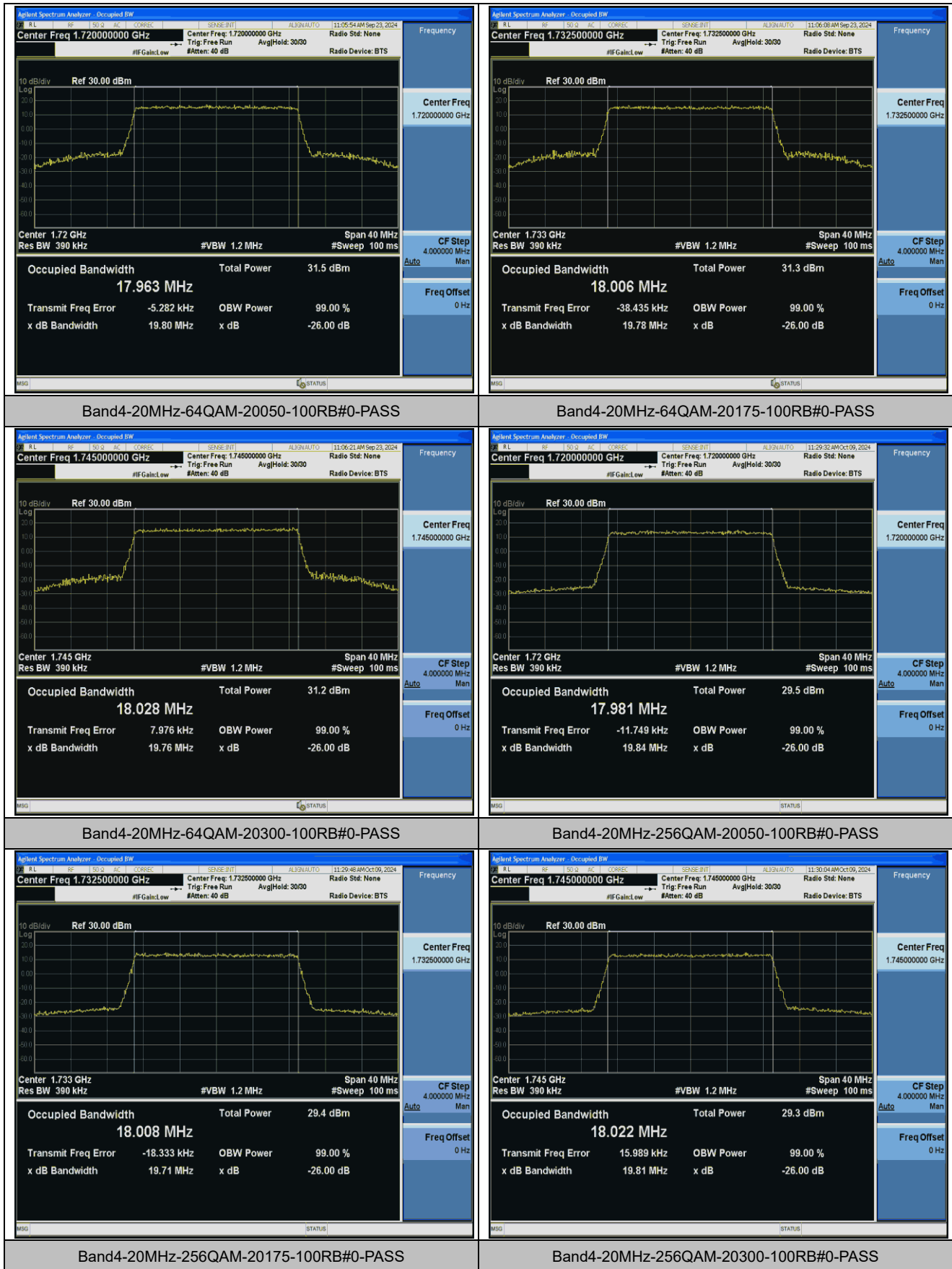






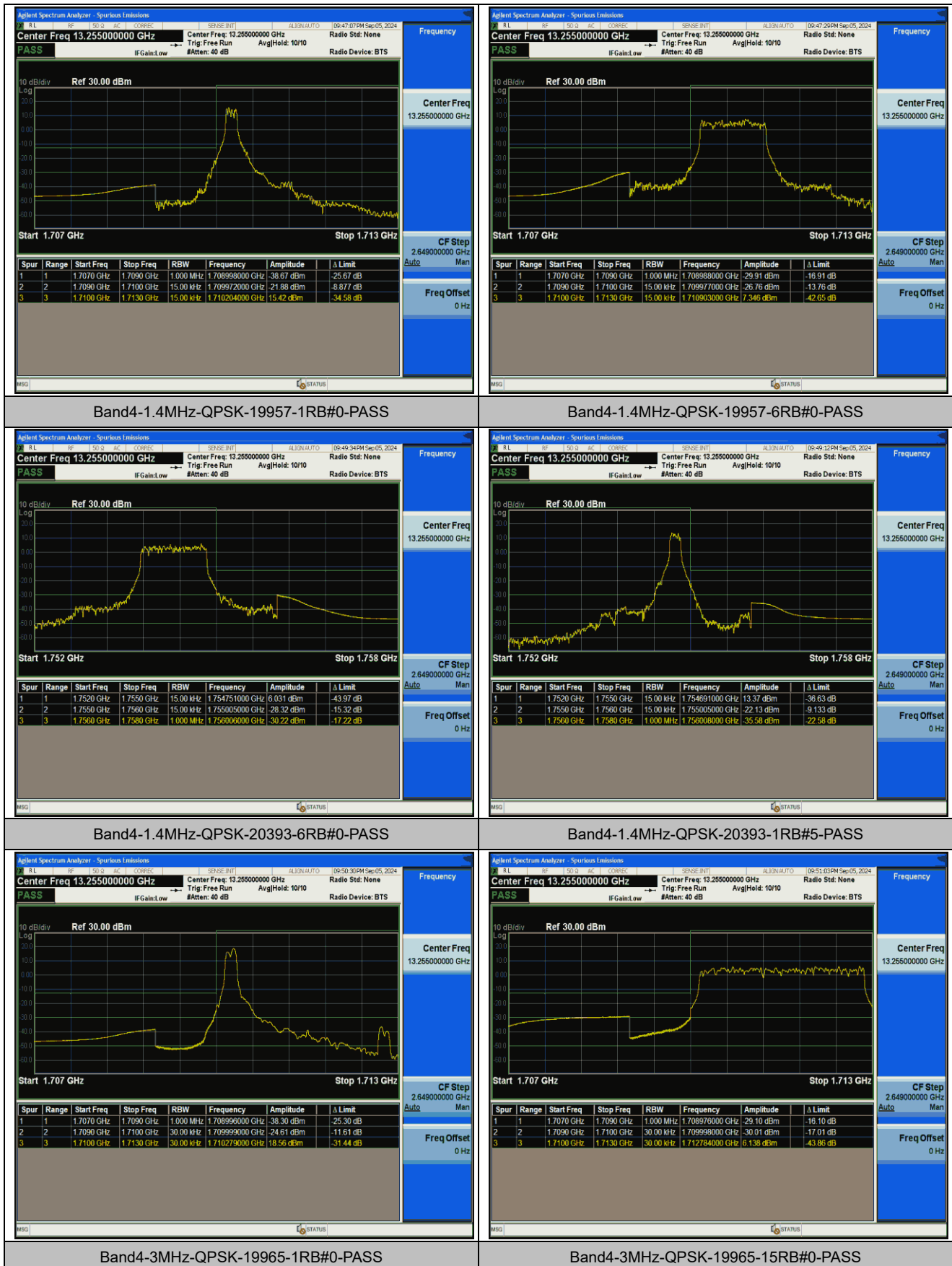


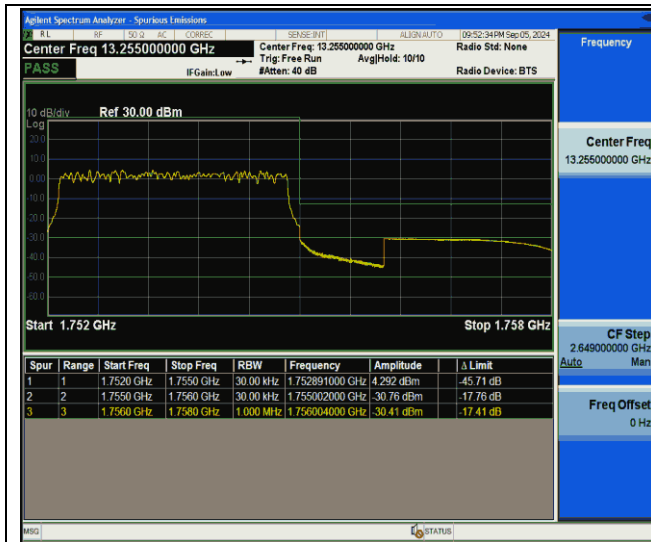




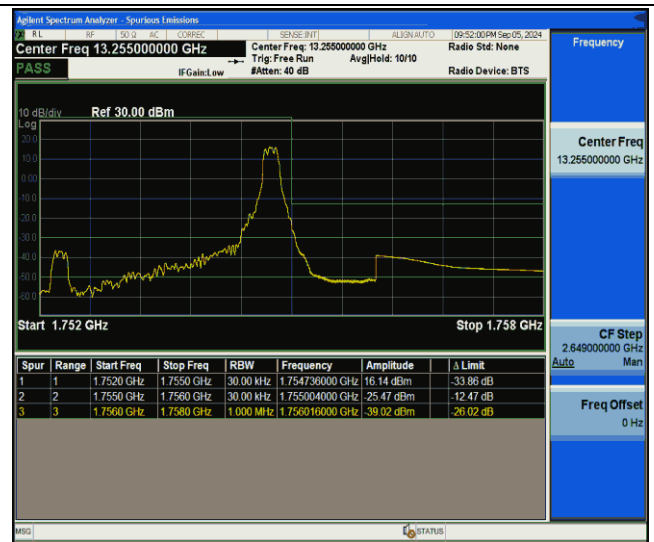
# Band Edge

## Test Graphs

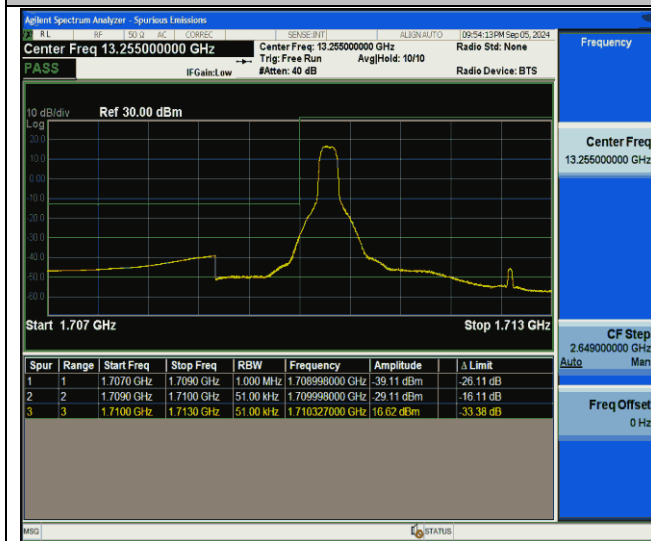




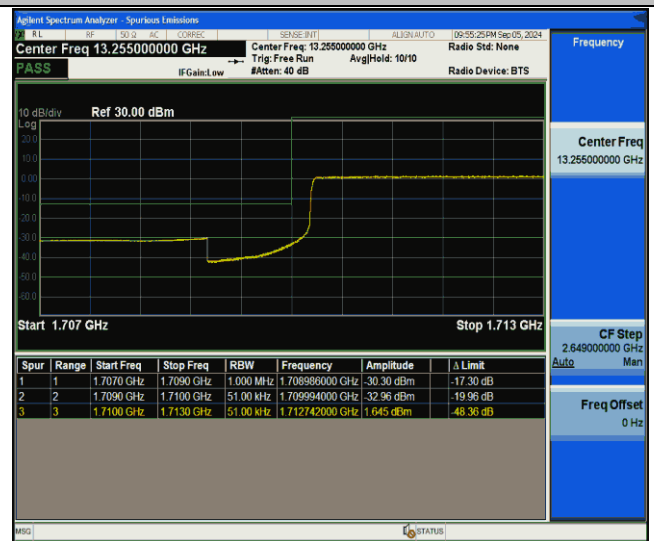
Band4-3MHz-QPSK-20385-15RB#0-PASS



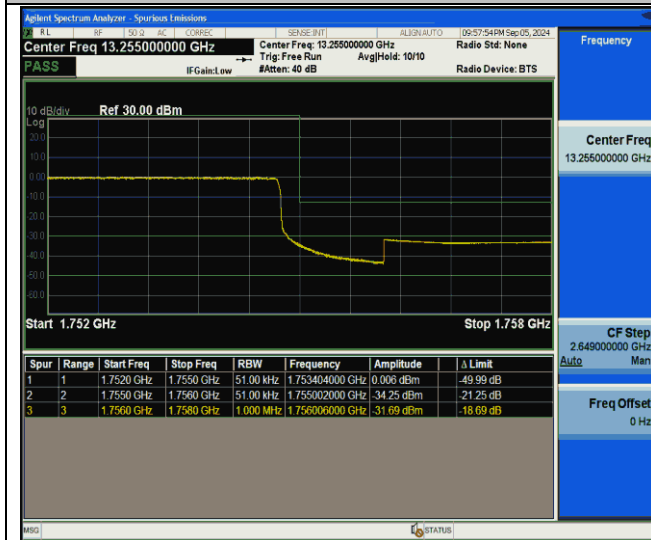
Band4-3MHz-QPSK-20385-1RB#14-PASS



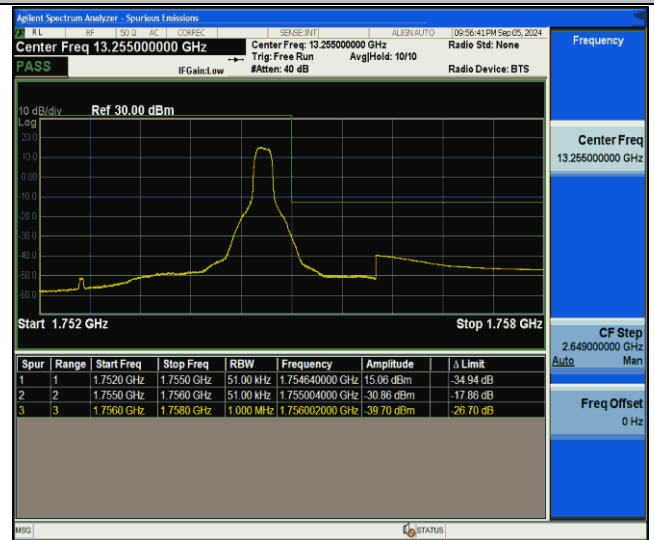
Band4-5MHz-QPSK-19975-1RB#0-PASS



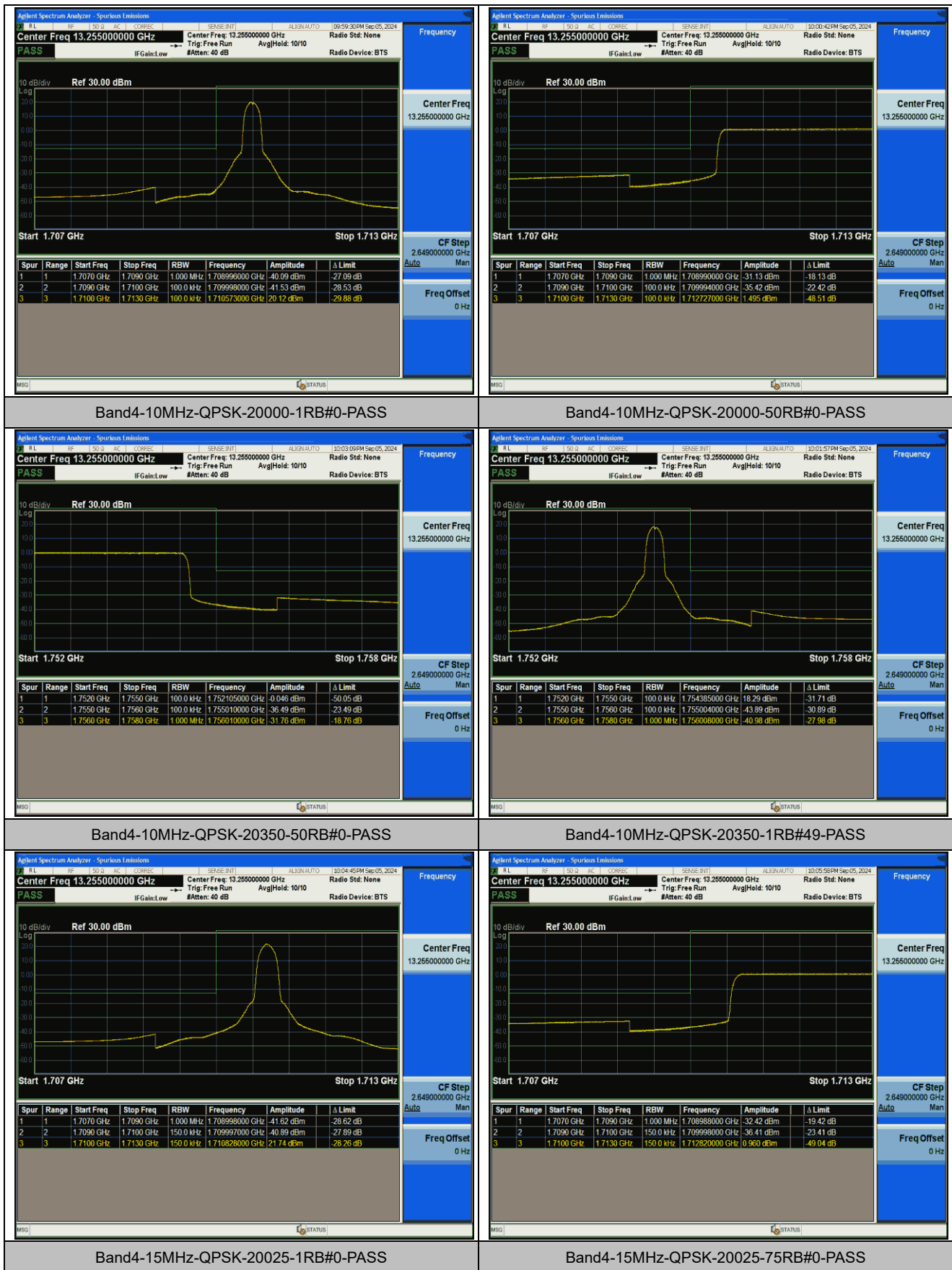
Band4-5MHz-QPSK-19975-25RB#0-PASS

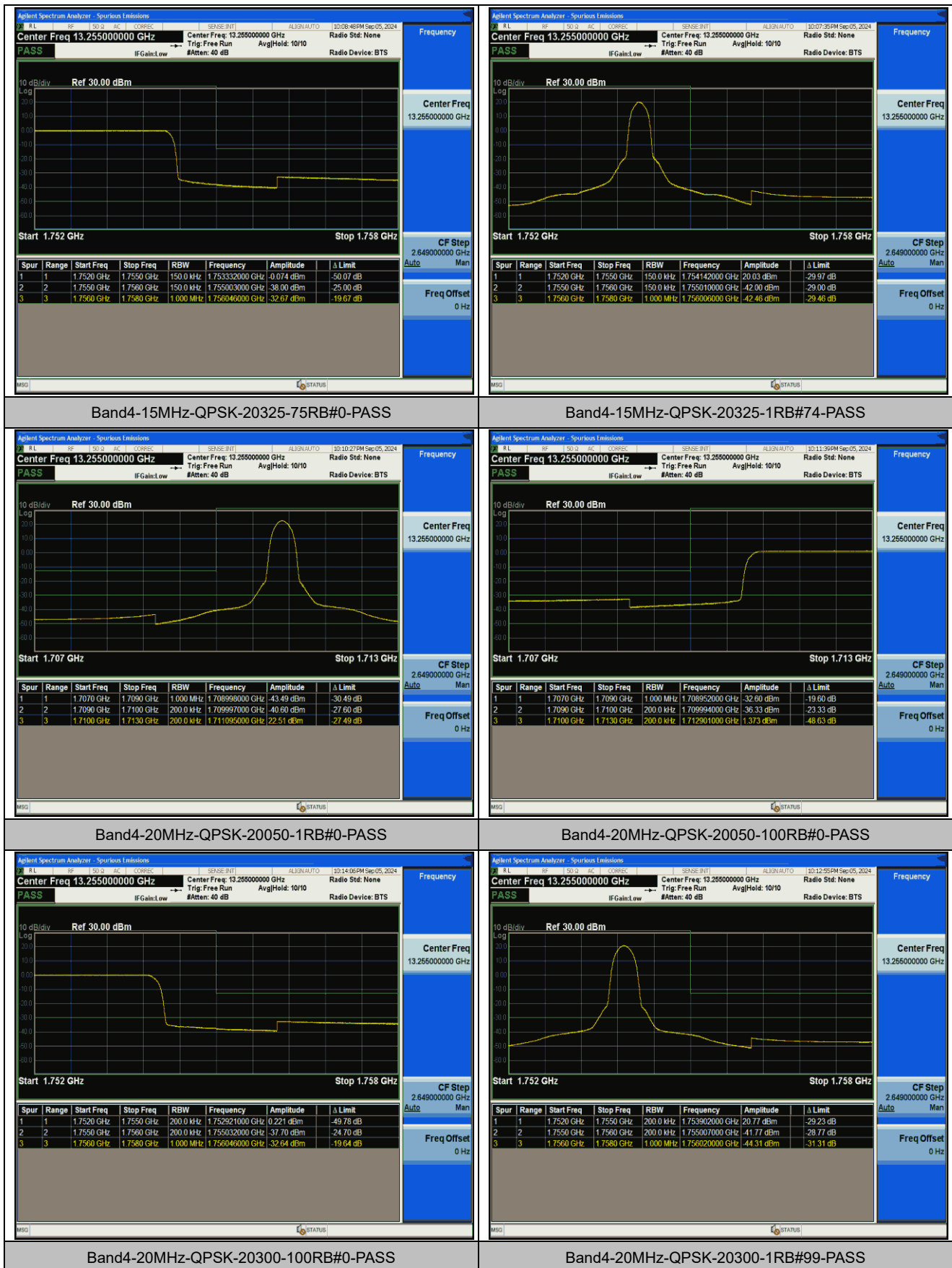


Band4-5MHz-QPSK-20375-25RB#0-PASS



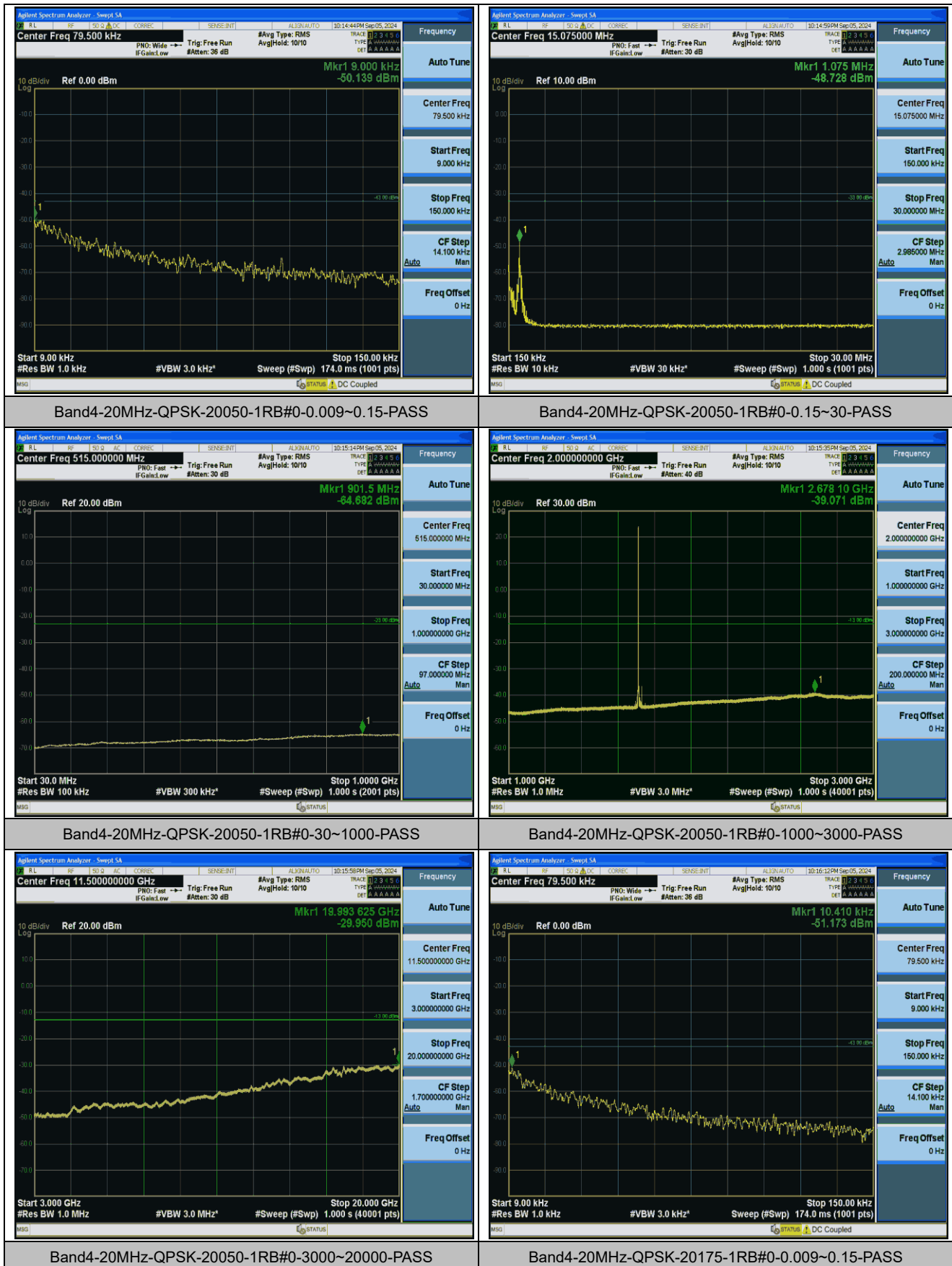
Band4-5MHz-QPSK-20375-1RB#24-PASS

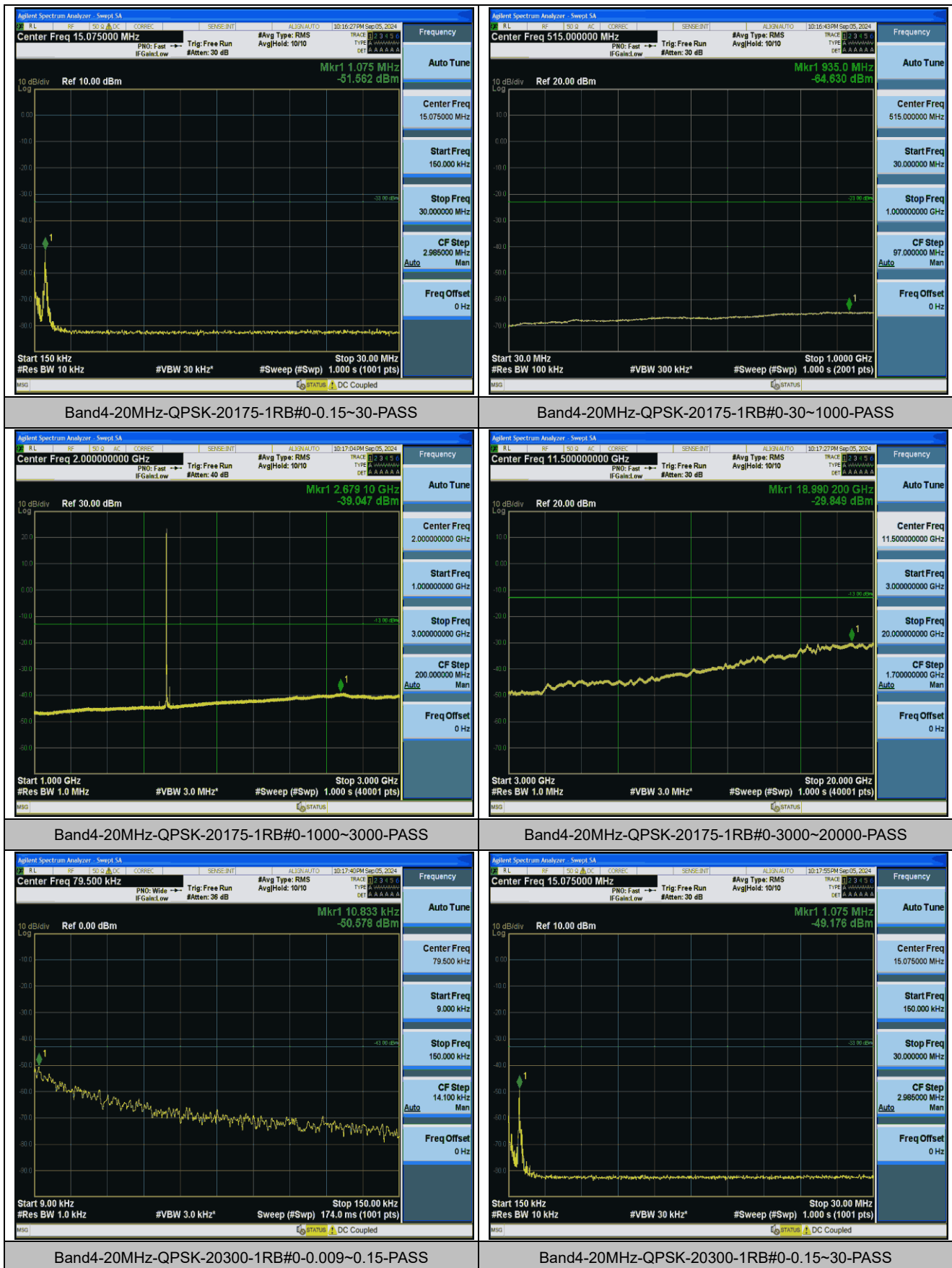


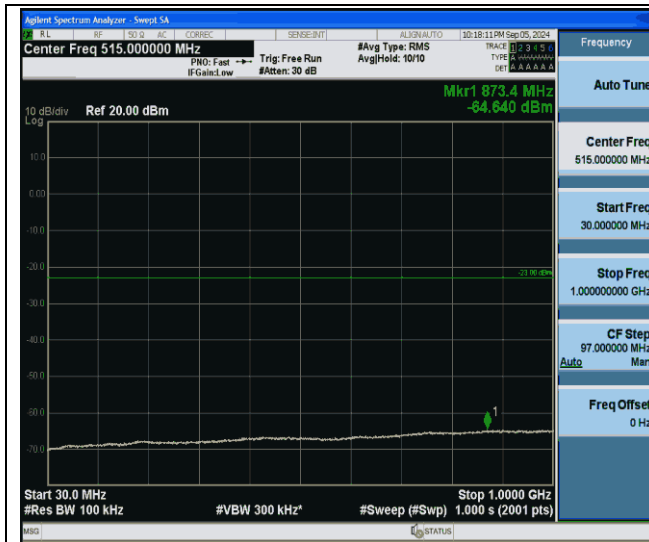


## Conducted Spurious Emission

## Test Graphs







Band4-20MHz-QPSK-20300-1RB#0-30~1000-PASS



Band4-20MHz-QPSK-20300-1RB#0-1000~3000-PASS



Band4-20MHz-QPSK-20300-1RB#0-3000~20000-PASS

## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band4   | 20MHz     | QPSK       | 20175   | 100RB#0      | VN            | NT               | 3.00           | 0.001732        | PASS    |
| Band4   | 20MHz     | QPSK       | 20175   | 100RB#0      | VL            | NT               | 1.90           | 0.001097        | PASS    |
| Band4   | 20MHz     | QPSK       | 20175   | 100RB#0      | VH            | NT               | 0.00           | 0.000000        | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | -30              | 3.00           | 0.001732        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | -20              | 0.80           | 0.000462        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | -10              | -0.90          | -0.000519       | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 0                | 0.90           | 0.000519        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 10               | -1.10          | -0.000635       | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 20               | 1.50           | 0.000866        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 30               | 0.30           | 0.000173        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 40               | 1.00           | 0.000577        | PASS    |
| Band4       | 20MHz     | QPSK       | 20175   | 100RB#0      | NV            | 50               | 0.10           | 0.000058        | PASS    |

~The End~