

# Appendix-B LTE Band 2

## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|-------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 23.51        | 25.1       | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 23.72        | 25.31      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 23.69        | 25.28      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 22.83        | 24.42      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 22.51        | 24.1       | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 22.56        | 24.15      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 22.52        | 24.11      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 21.71        | 23.3       | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 23.61        | 25.2       | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 23.73        | 25.32      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 23.72        | 25.31      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 22.75        | 24.34      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 22.68        | 24.27      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 22.46        | 24.05      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 22.48        | 24.07      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 21.57        | 23.16      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 23.57        | 25.16      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 23.69        | 25.28      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 23.46        | 25.05      | 33.00       | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 22.86        | 24.45      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 22.44        | 24.03      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#2            | 22.38        | 23.97      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5            | 22.56        | 24.15      | 33.00       | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 21.68        | 23.27      | 33.00       | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 23.53        | 25.12      | 33.00       | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#8            | 23.74        | 25.33      | 33.00       | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#14           | 23.77        | 25.36      | 33.00       | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 22.79        | 24.38      | 33.00       | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#0            | 22.46        | 24.05      | 33.00       | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#8            | 22.62        | 24.21      | 33.00       | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#14           | 22.62        | 24.21      | 33.00       | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 21.65        | 23.24      | 33.00       | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 23.79        | 25.38      | 33.00       | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#8            | 23.6         | 25.19      | 33.00       | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#14           | 23.66        | 25.25      | 33.00       | PASS    |

|       |       |       |       |        |       |       |       |      |
|-------|-------|-------|-------|--------|-------|-------|-------|------|
| Band2 | 3MHz  | QPSK  | 18900 | 15RB#0 | 22.81 | 24.4  | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 1RB#0  | 22.62 | 24.21 | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 1RB#8  | 22.6  | 24.19 | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 1RB#14 | 22.35 | 23.94 | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 18900 | 15RB#0 | 21.73 | 23.32 | 33.00 | PASS |
| Band2 | 3MHz  | QPSK  | 19185 | 1RB#0  | 23.86 | 25.45 | 33.00 | PASS |
| Band2 | 3MHz  | QPSK  | 19185 | 1RB#8  | 23.52 | 25.11 | 33.00 | PASS |
| Band2 | 3MHz  | QPSK  | 19185 | 1RB#14 | 23.65 | 25.24 | 33.00 | PASS |
| Band2 | 3MHz  | QPSK  | 19185 | 15RB#0 | 22.85 | 24.44 | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 1RB#0  | 22.64 | 24.23 | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 1RB#8  | 22.58 | 24.17 | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 1RB#14 | 22.47 | 24.06 | 33.00 | PASS |
| Band2 | 3MHz  | 16QAM | 19185 | 15RB#0 | 21.93 | 23.52 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 1RB#0  | 23.64 | 25.23 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 1RB#12 | 23.59 | 25.18 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 1RB#24 | 23.61 | 25.2  | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18625 | 25RB#0 | 22.72 | 24.31 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#0  | 22.5  | 24.09 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#12 | 22.53 | 24.12 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 1RB#24 | 22.48 | 24.07 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0 | 21.7  | 23.29 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#0  | 23.41 | 25    | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#12 | 23.78 | 25.37 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 1RB#24 | 23.56 | 25.15 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 18900 | 25RB#0 | 22.62 | 24.21 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0  | 22.36 | 23.95 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12 | 22.43 | 24.02 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24 | 22.57 | 24.16 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0 | 21.69 | 23.28 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#0  | 23.63 | 25.22 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#12 | 23.62 | 25.21 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 1RB#24 | 23.6  | 25.19 | 33.00 | PASS |
| Band2 | 5MHz  | QPSK  | 19175 | 25RB#0 | 22.88 | 24.47 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0  | 22.6  | 24.19 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12 | 22.42 | 24.01 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24 | 22.59 | 24.18 | 33.00 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0 | 21.93 | 23.52 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0  | 23.78 | 25.37 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24 | 23.91 | 25.5  | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49 | 23.56 | 25.15 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0 | 22.71 | 24.3  | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0  | 22.69 | 24.28 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24 | 22.78 | 24.37 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49 | 22.66 | 24.25 | 33.00 | PASS |

|       |       |       |       |        |       |       |       |      |
|-------|-------|-------|-------|--------|-------|-------|-------|------|
| Band2 | 10MHz | 16QAM | 18650 | 50RB#0 | 21.8  | 23.39 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0  | 23.61 | 25.2  | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24 | 23.55 | 25.14 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49 | 23.52 | 25.11 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0 | 22.69 | 24.28 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0  | 22.43 | 24.02 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24 | 22.46 | 24.05 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49 | 22.54 | 24.13 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 50RB#0 | 21.8  | 23.39 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0  | 23.79 | 25.38 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24 | 23.81 | 25.4  | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49 | 23.72 | 25.31 | 33.00 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0 | 22.9  | 24.49 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0  | 22.79 | 24.38 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24 | 22.74 | 24.33 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49 | 22.74 | 24.33 | 33.00 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 50RB#0 | 21.94 | 23.53 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0  | 23.58 | 25.17 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38 | 23.98 | 25.57 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74 | 23.54 | 25.13 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0 | 22.57 | 24.16 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0  | 22.5  | 24.09 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38 | 22.35 | 23.94 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74 | 22.32 | 23.91 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 75RB#0 | 21.73 | 23.32 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0  | 23.52 | 25.11 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38 | 23.71 | 25.3  | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74 | 23.64 | 25.23 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0 | 22.77 | 24.36 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0  | 22.56 | 24.15 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38 | 22.36 | 23.95 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74 | 22.65 | 24.24 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 75RB#0 | 21.83 | 23.42 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0  | 23.65 | 25.24 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38 | 23.73 | 25.32 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74 | 23.59 | 25.18 | 33.00 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0 | 22.87 | 24.46 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0  | 22.66 | 24.25 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38 | 22.69 | 24.28 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74 | 22.38 | 23.97 | 33.00 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 75RB#0 | 21.96 | 23.55 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0  | 23.63 | 25.22 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49 | 24.04 | 25.63 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99 | 23.62 | 25.21 | 33.00 | PASS |

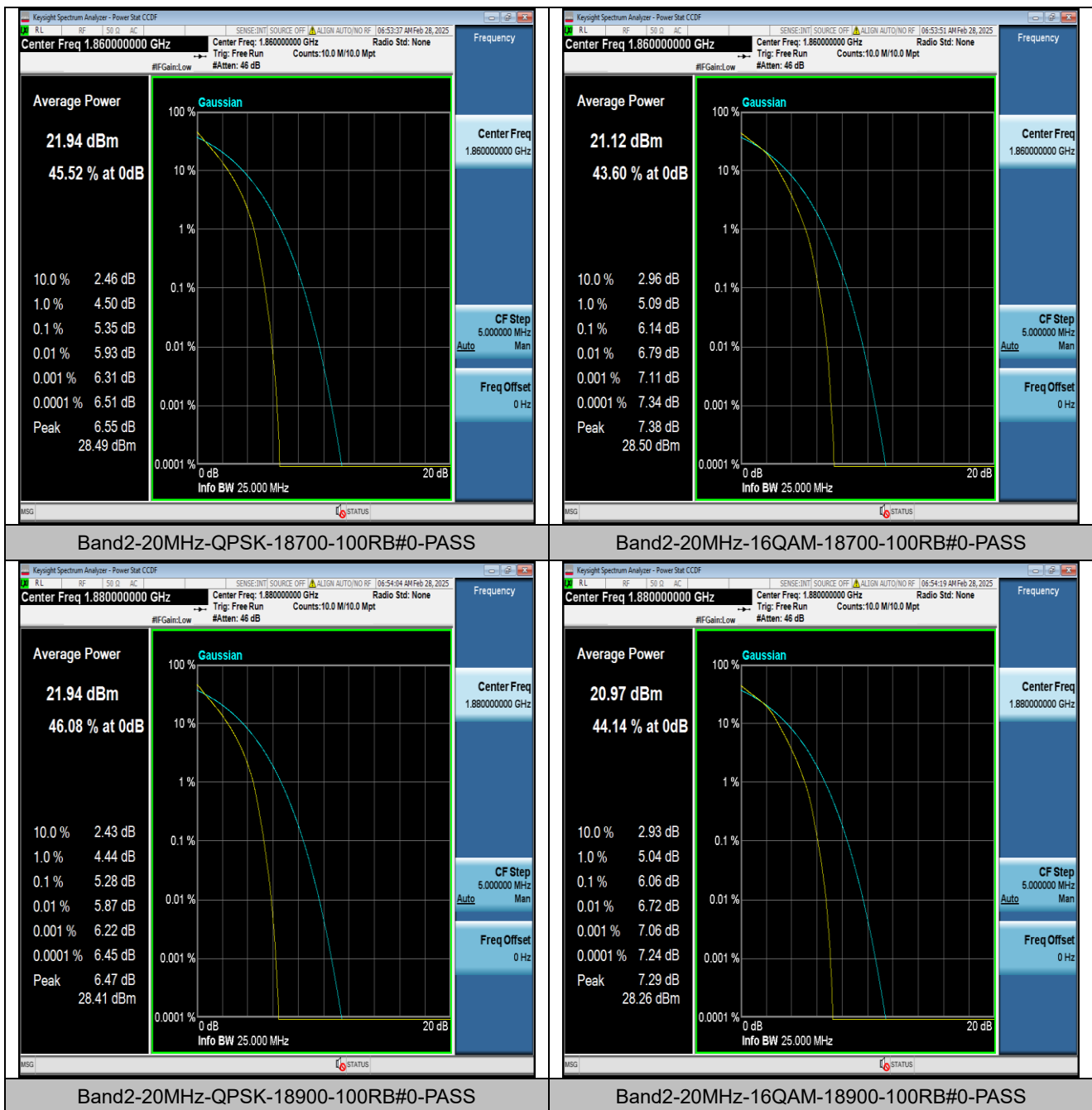
|       |       |       |       |         |       |       |       |      |
|-------|-------|-------|-------|---------|-------|-------|-------|------|
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 22.65 | 24.24 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 22.6  | 24.19 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 22.45 | 24.04 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 22.35 | 23.94 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 100RB#0 | 21.61 | 23.2  | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 23.51 | 25.1  | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 23.84 | 25.43 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 23.34 | 24.93 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 22.69 | 24.28 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 22.44 | 24.03 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 22.53 | 24.12 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 22.42 | 24.01 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 100RB#0 | 21.66 | 23.25 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 23.58 | 25.17 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 23.88 | 25.47 | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 23.81 | 25.4  | 33.00 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 22.86 | 24.45 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 22.41 | 24    | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 22.57 | 24.16 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 22.4  | 23.99 | 33.00 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 100RB#0 | 21.83 | 23.42 | 33.00 | PASS |

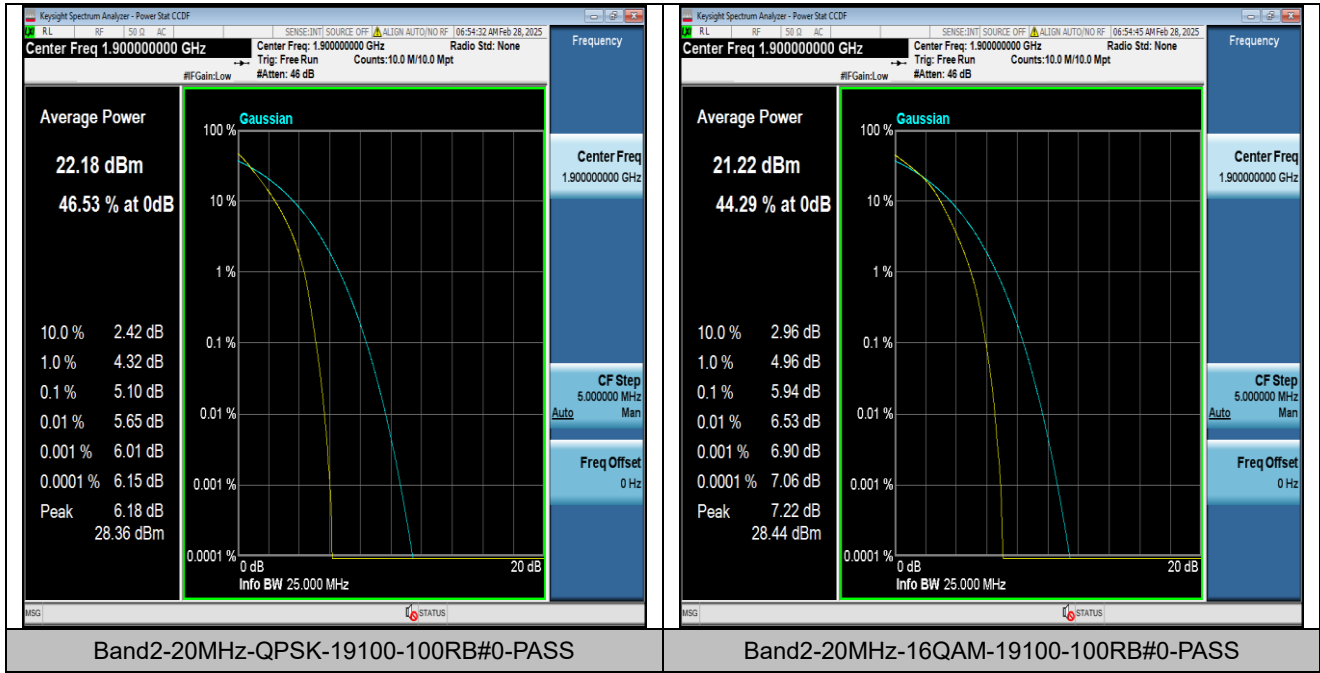
## Peak-to-Average Ratio(CCDF)

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result (dB) | Limit (dB) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 5.35        | 13         | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0          | 6.14        | 13         | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 5.28        | 13         | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 100RB#0          | 6.06        | 13         | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0          | 5.10        | 13         | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0          | 5.94        | 13         | PASS    |

## Test Graphs



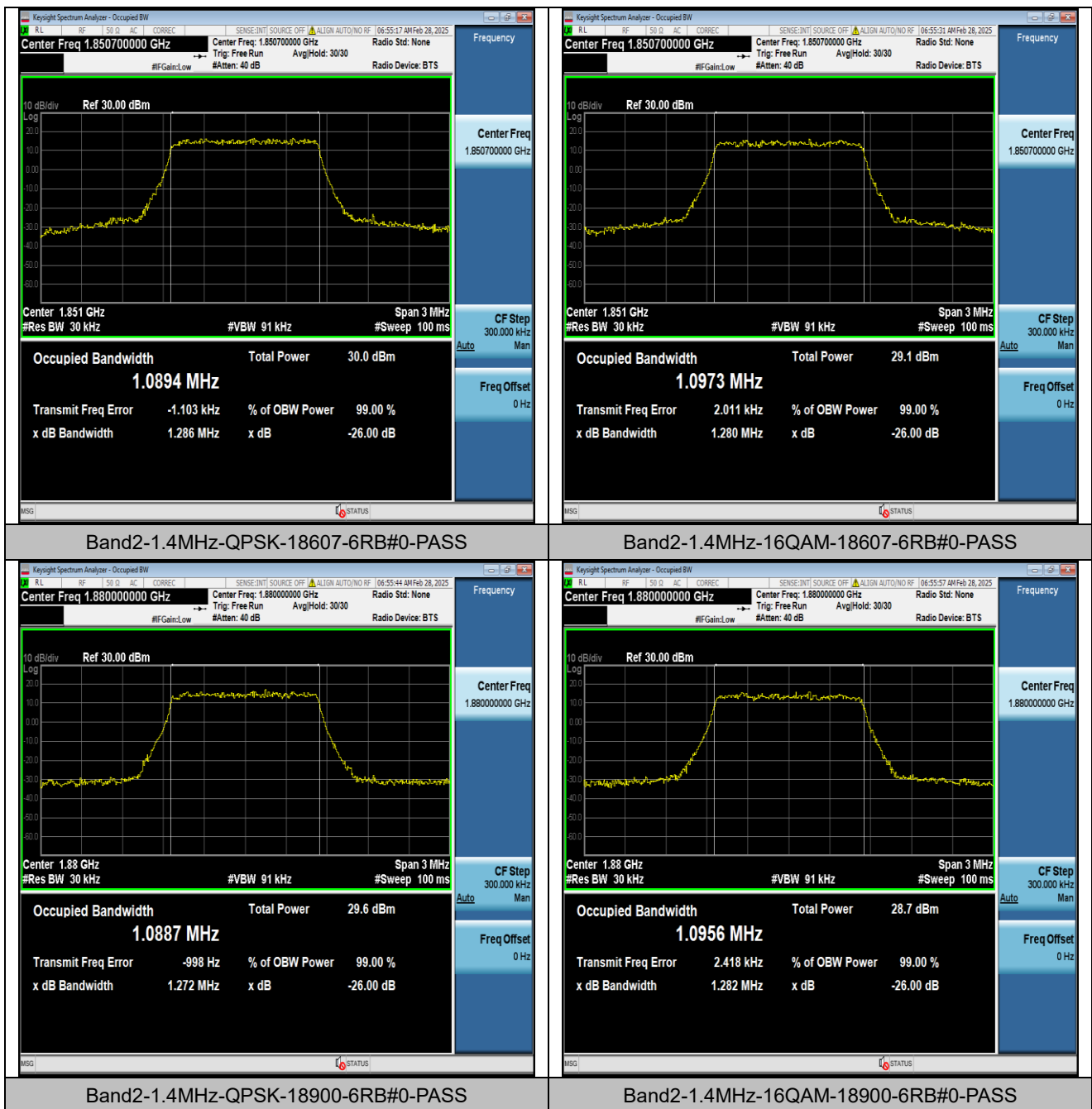


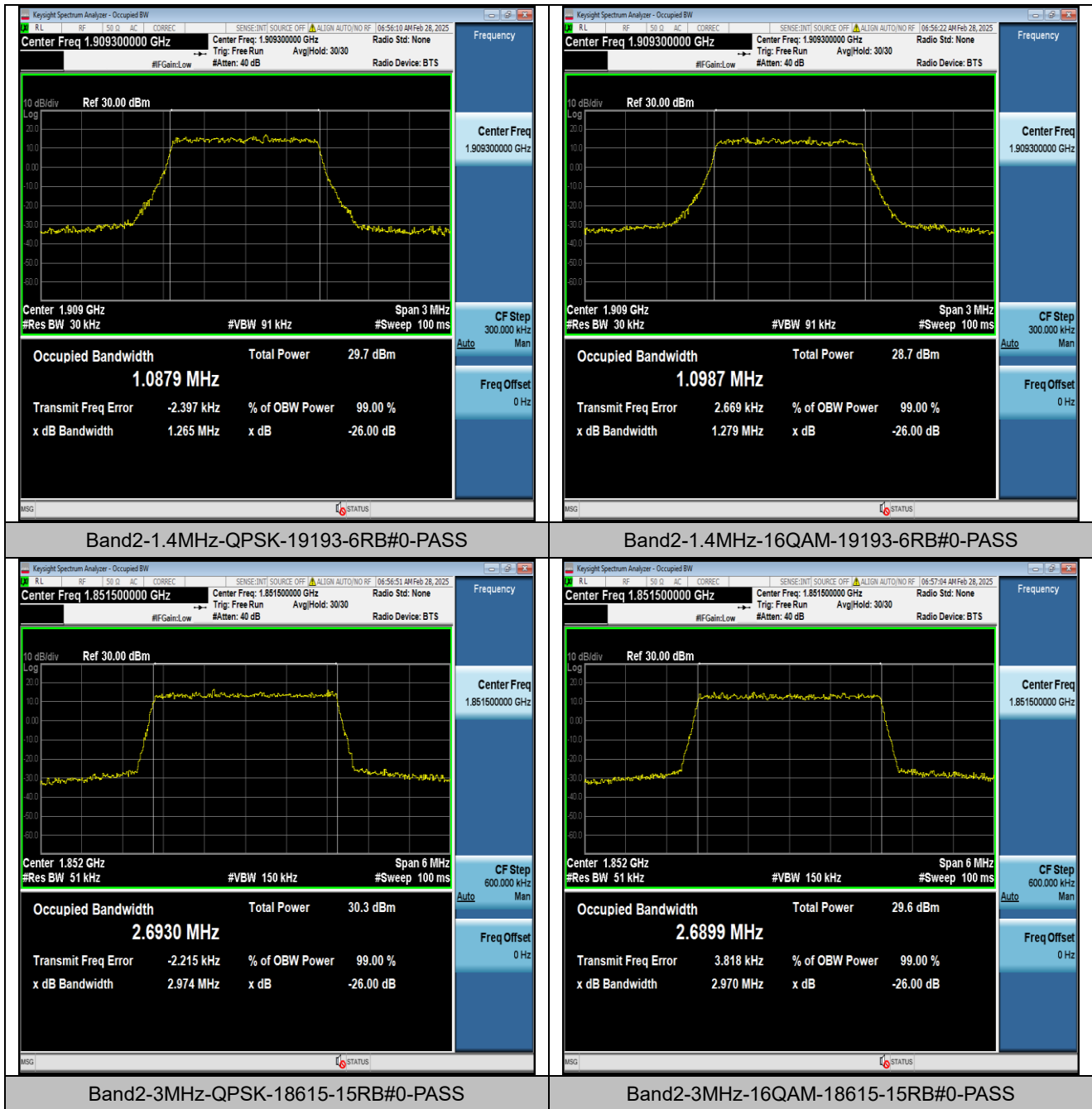
## 26dB Bandwidth and Occupied Bandwidth

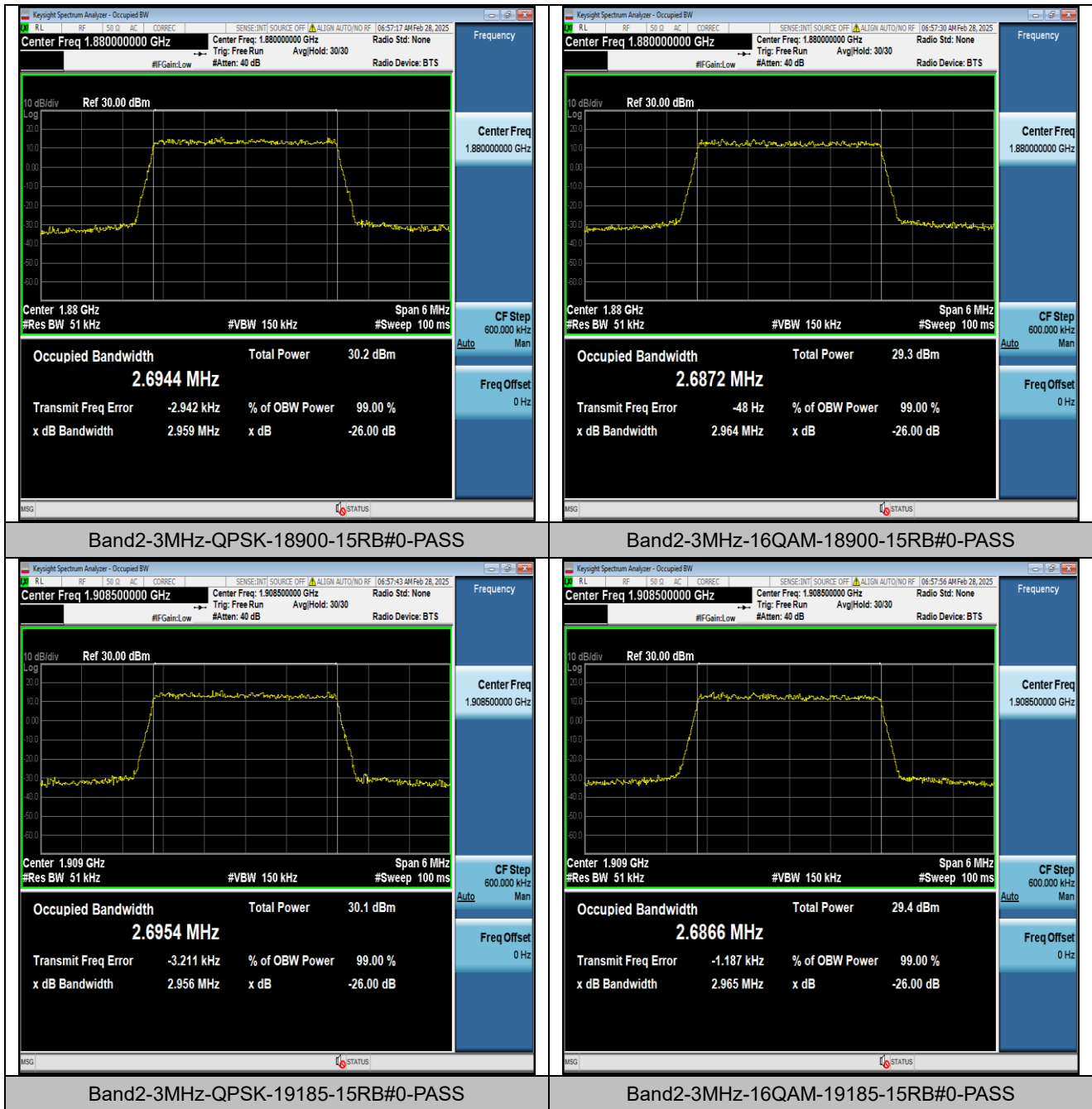
### Test Result

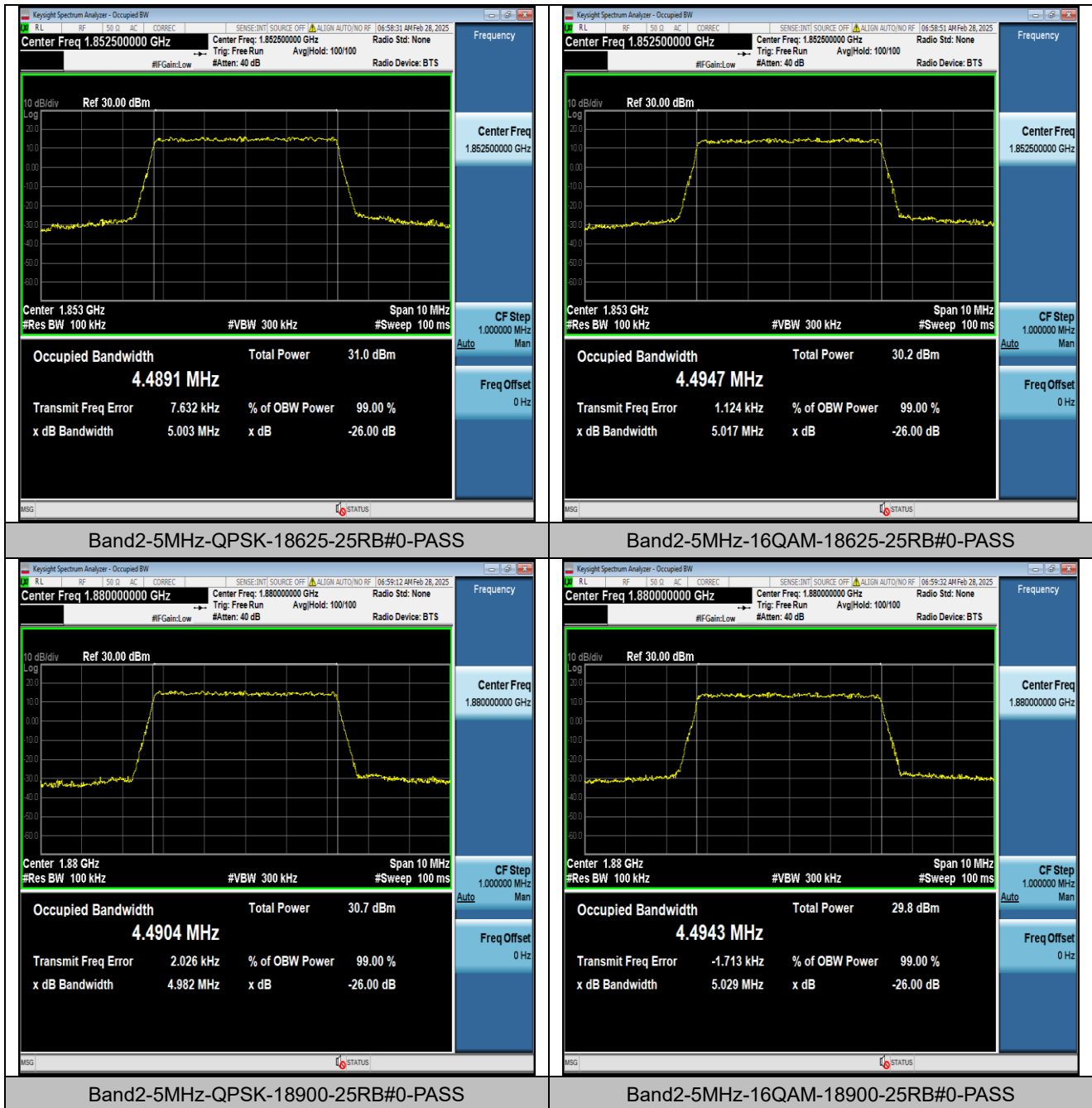
| Band  | Bandwidth | Modulation | Channel | RB Configuration | OBW (MHz) | 26dB EBW (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|-----------|----------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 1.0894    | 1.286          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 1.0973    | 1.280          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 1.0887    | 1.272          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 1.0956    | 1.282          | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 1.0879    | 1.265          | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 1.0987    | 1.279          | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 2.6930    | 2.974          | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 2.6899    | 2.970          | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 2.6944    | 2.959          | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 2.6872    | 2.964          | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 2.6954    | 2.956          | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 2.6866    | 2.965          | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 4.4891    | 5.003          | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 4.4947    | 5.017          | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 4.4904    | 4.982          | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 4.4943    | 5.029          | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 4.4852    | 4.975          | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 4.4893    | 5.030          | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 8.9771    | 9.859          | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 50RB#0           | 8.9486    | 9.795          | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 8.9743    | 9.862          | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 50RB#0           | 8.9383    | 9.848          | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 8.9634    | 9.830          | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 50RB#0           | 8.9410    | 9.812          | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 13.456    | 14.70          | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 75RB#0           | 13.439    | 14.75          | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 13.461    | 14.77          | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 75RB#0           | 13.443    | 14.76          | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 13.420    | 14.69          | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 75RB#0           | 13.404    | 14.64          | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 17.940    | 19.57          | PASS    |
| Band2 | 20MHz     | 16QAM      | 18700   | 100RB#0          | 17.874    | 19.40          | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 17.964    | 19.56          | PASS    |
| Band2 | 20MHz     | 16QAM      | 18900   | 100RB#0          | 17.892    | 19.42          | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0          | 17.908    | 19.52          | PASS    |
| Band2 | 20MHz     | 16QAM      | 19100   | 100RB#0          | 17.871    | 19.46          | PASS    |

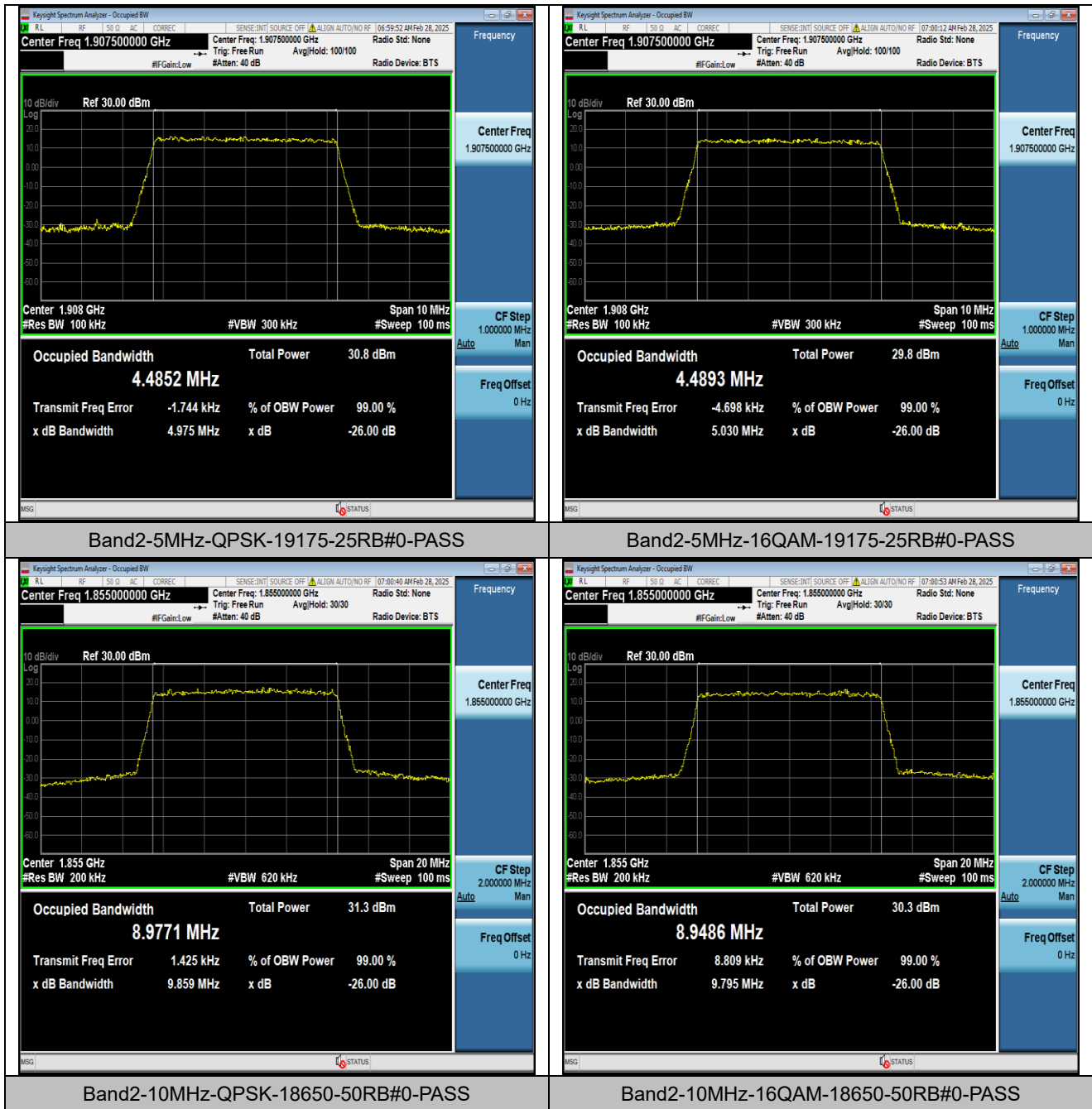
## Test Graphs

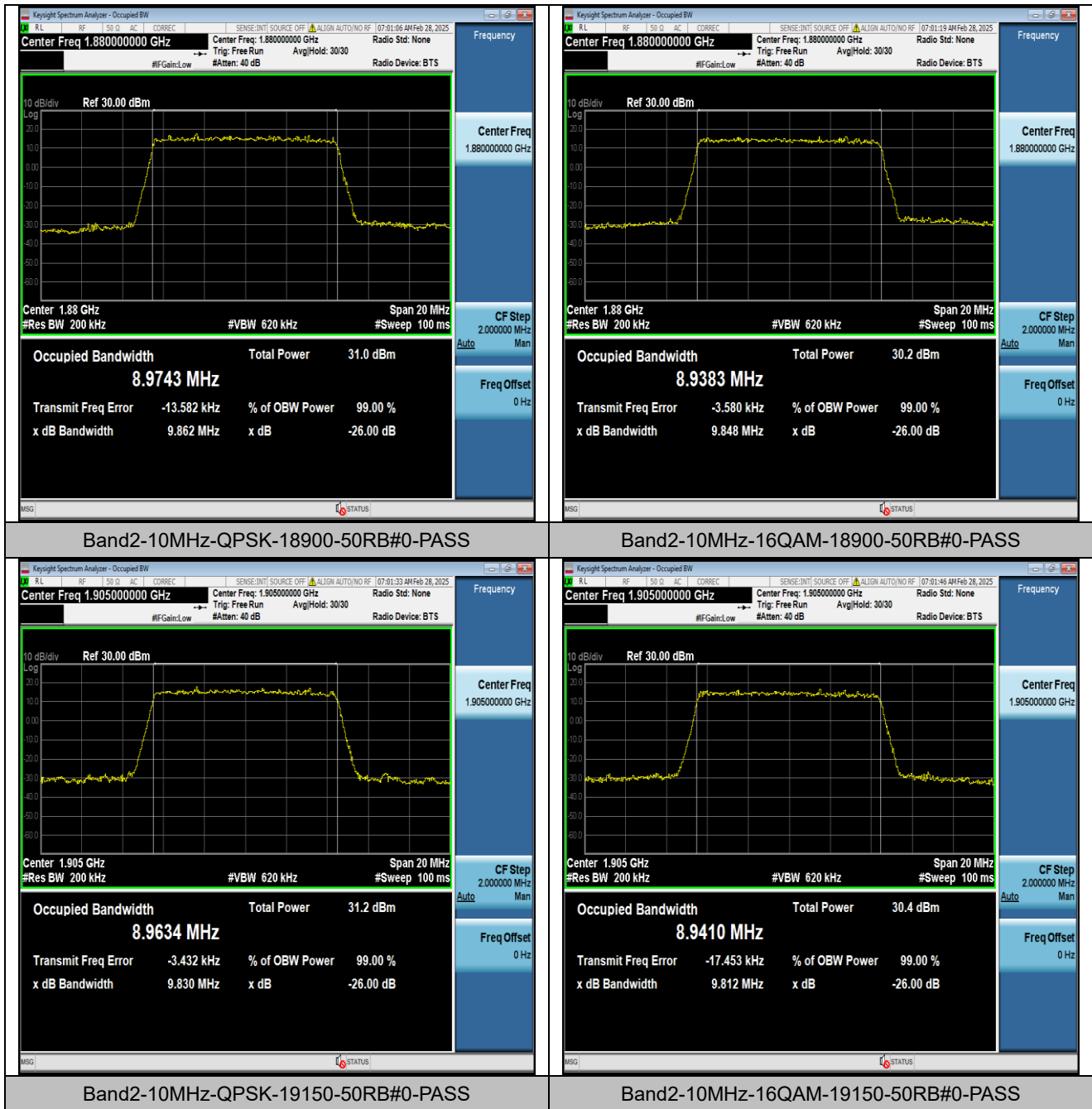


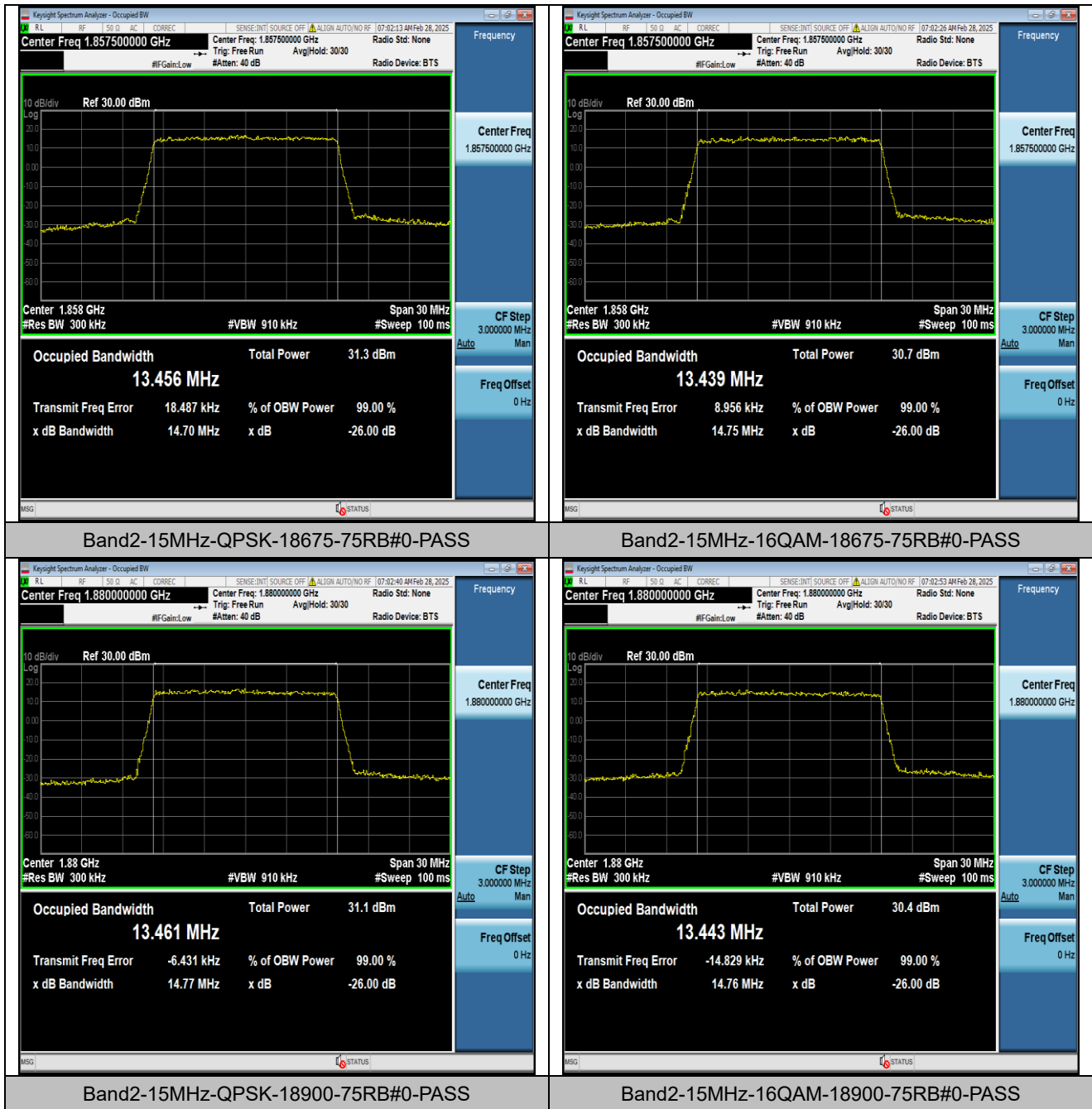


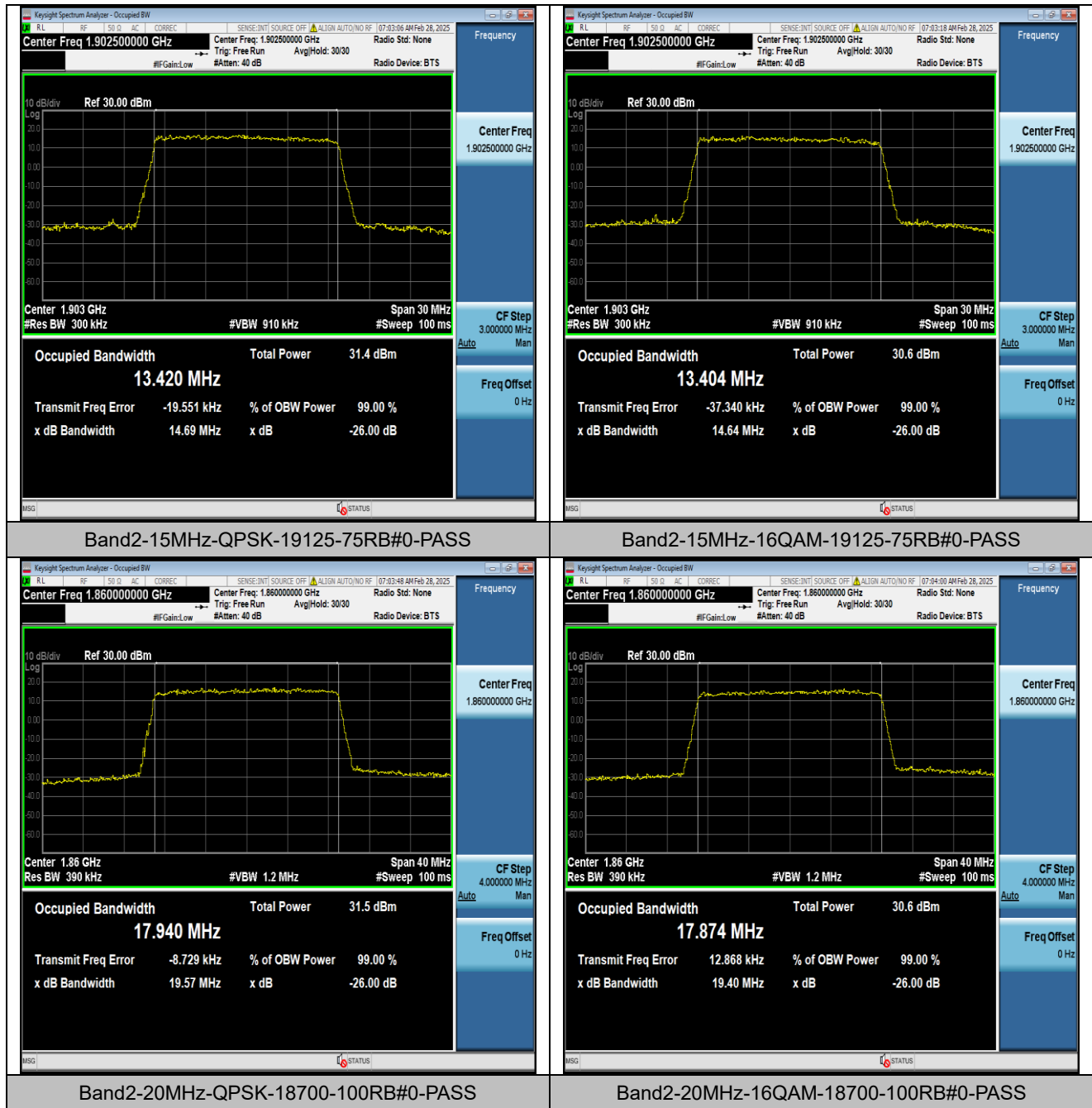


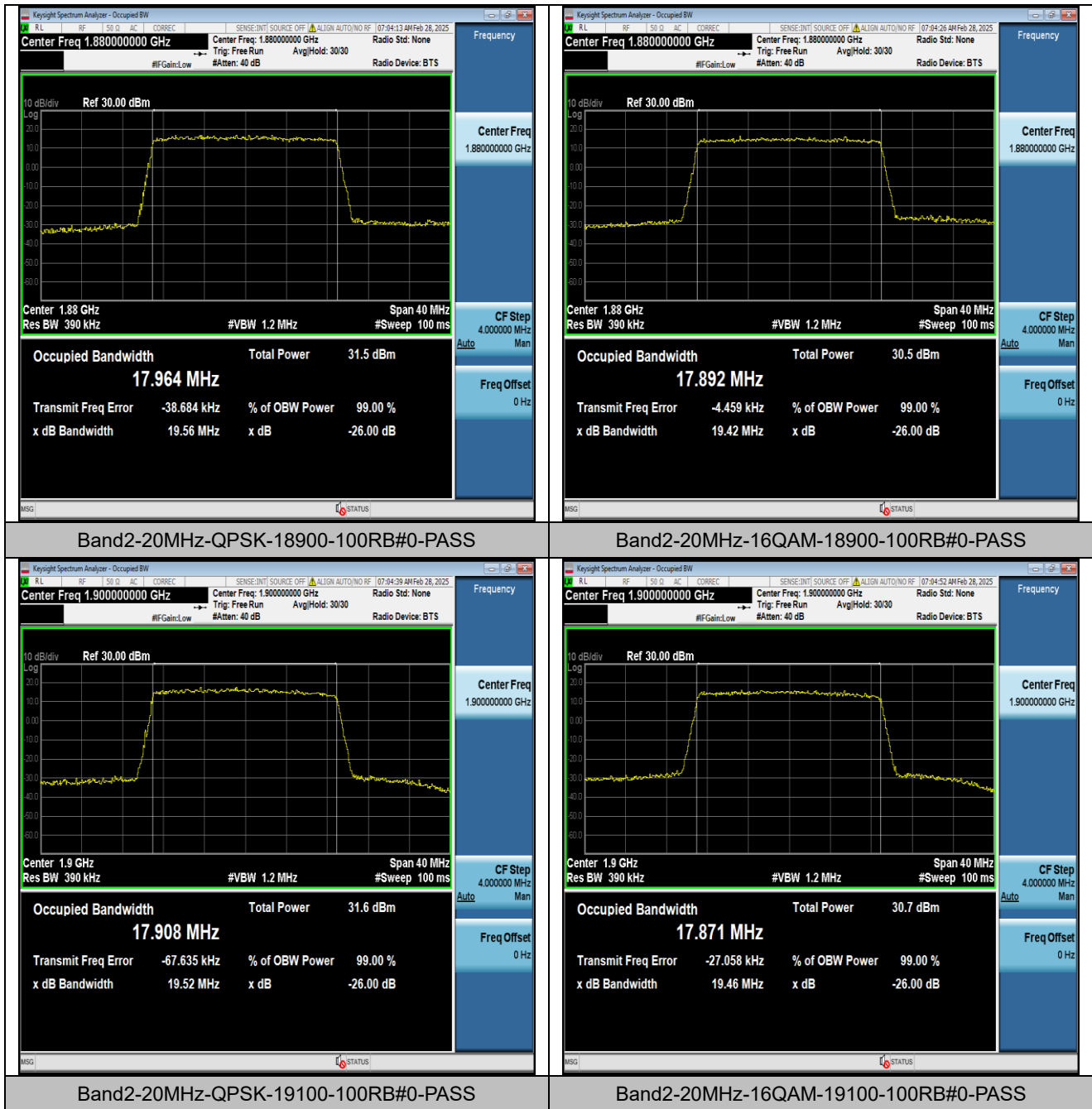






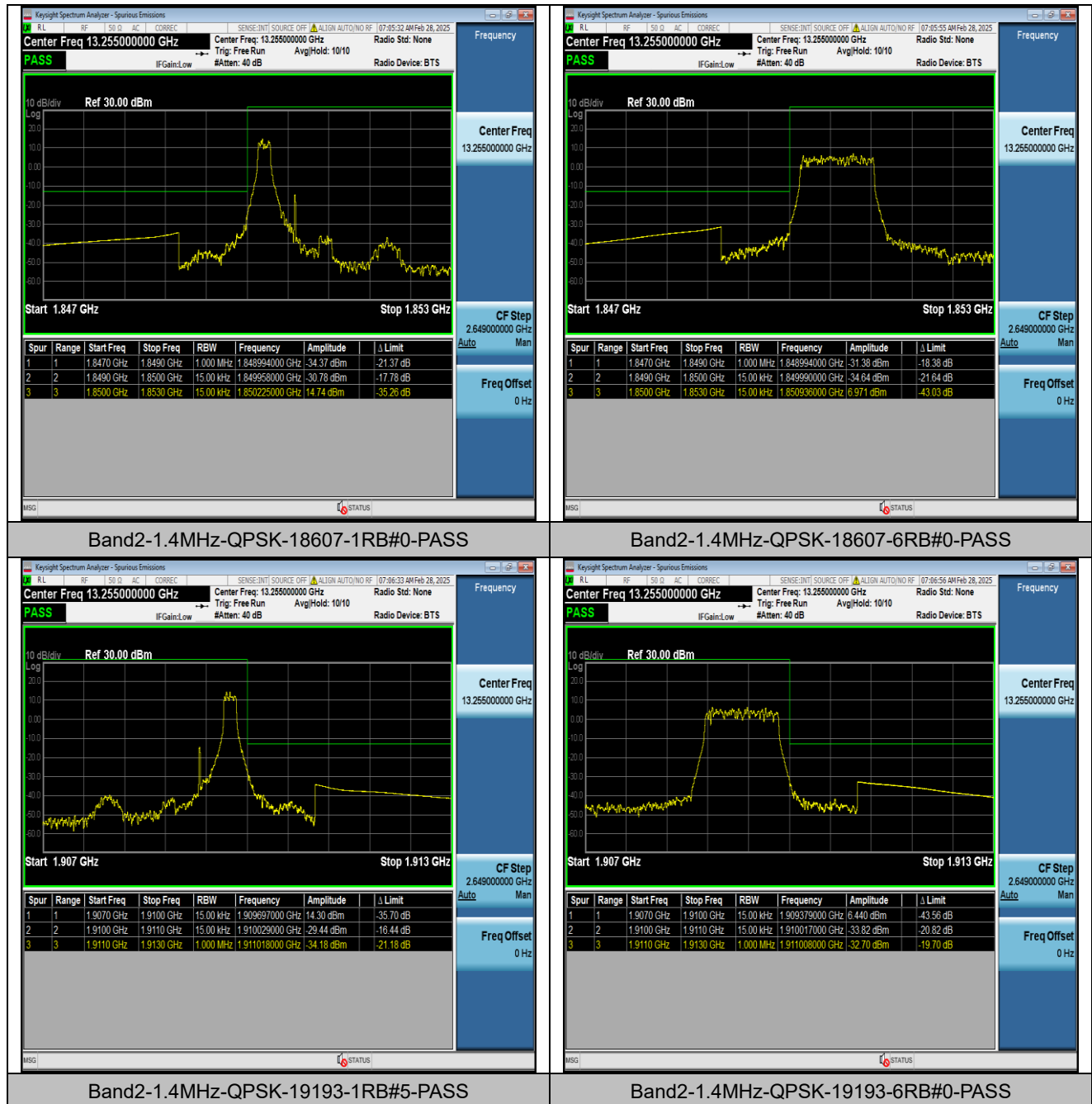


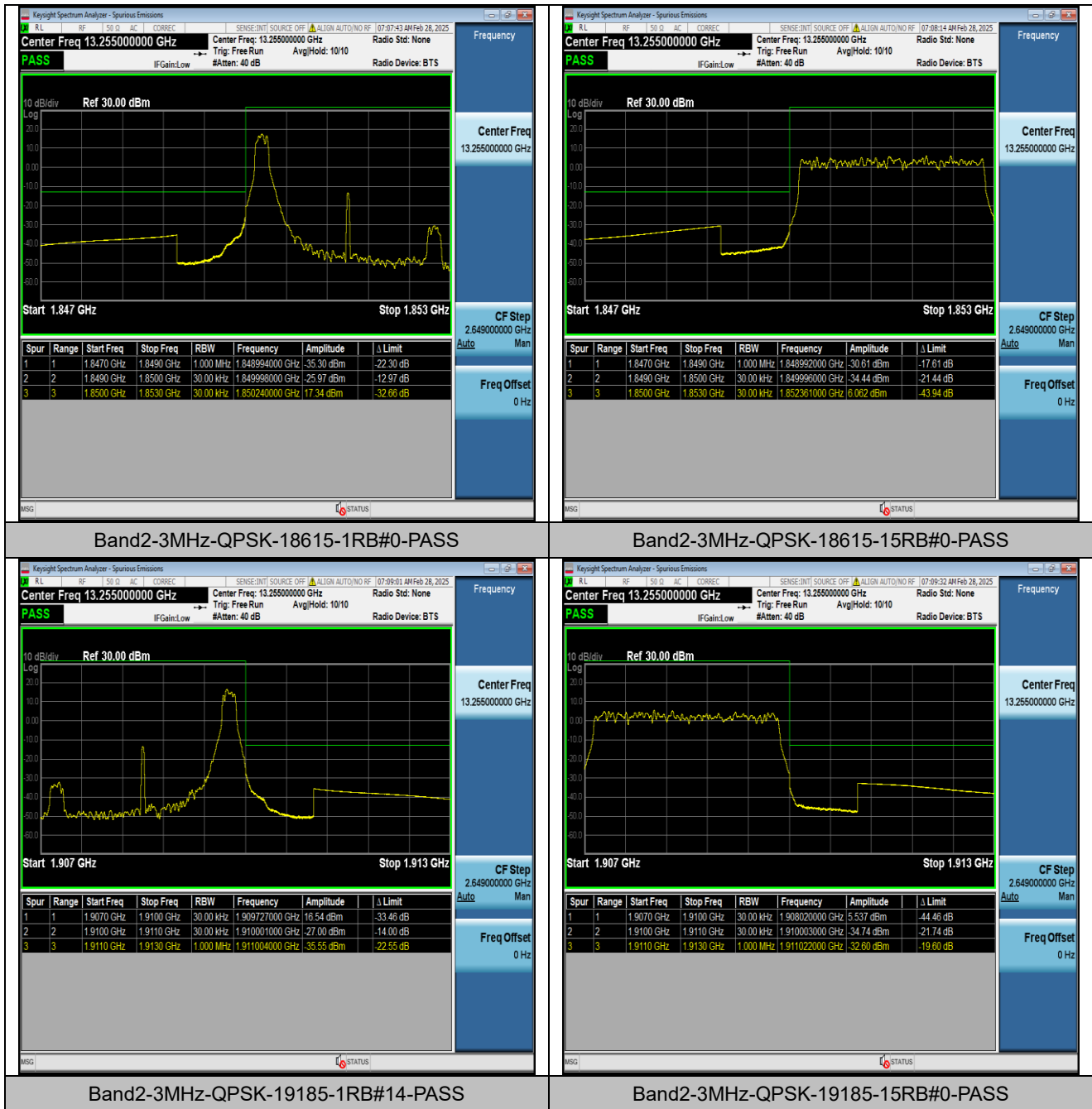


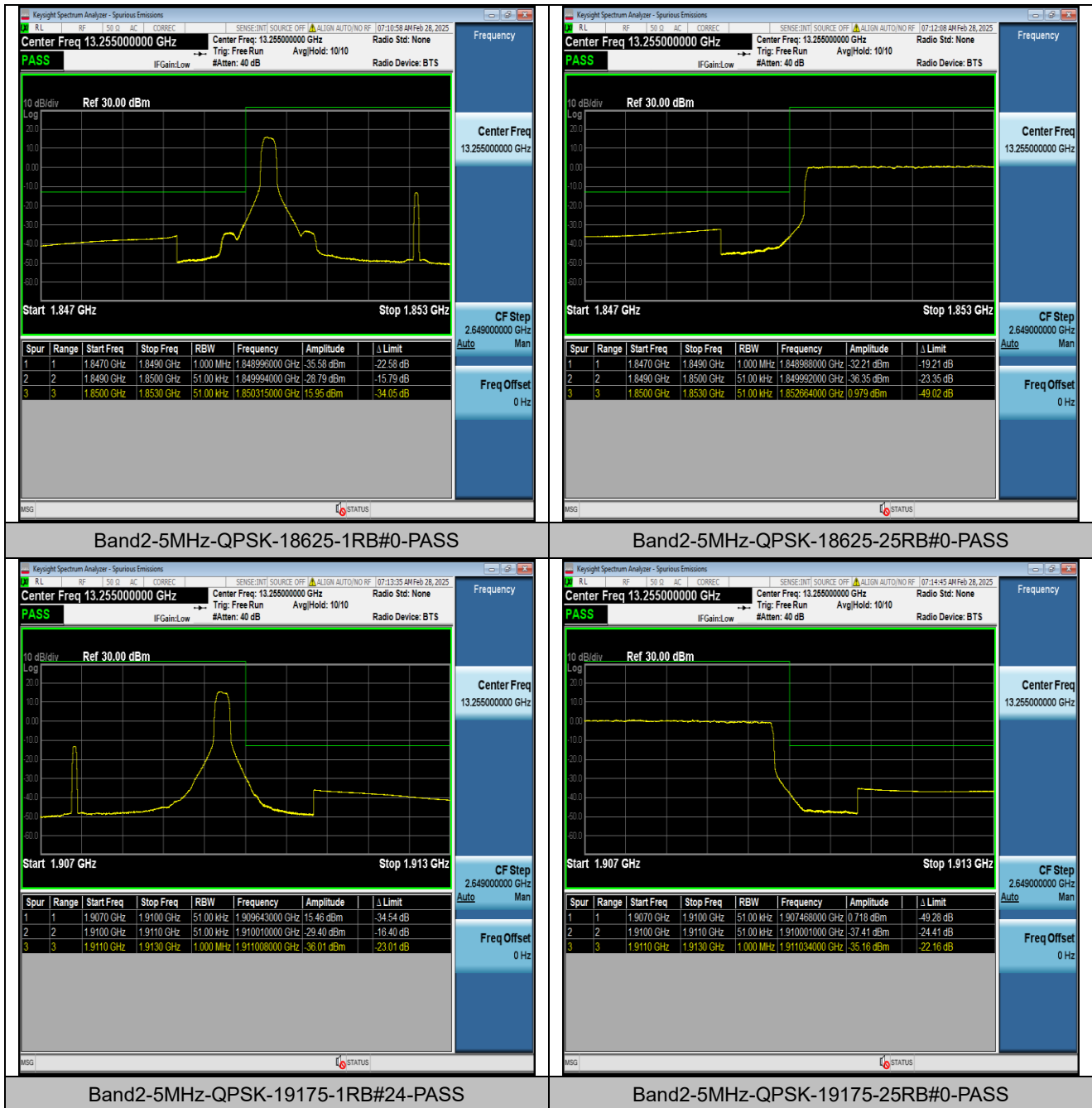


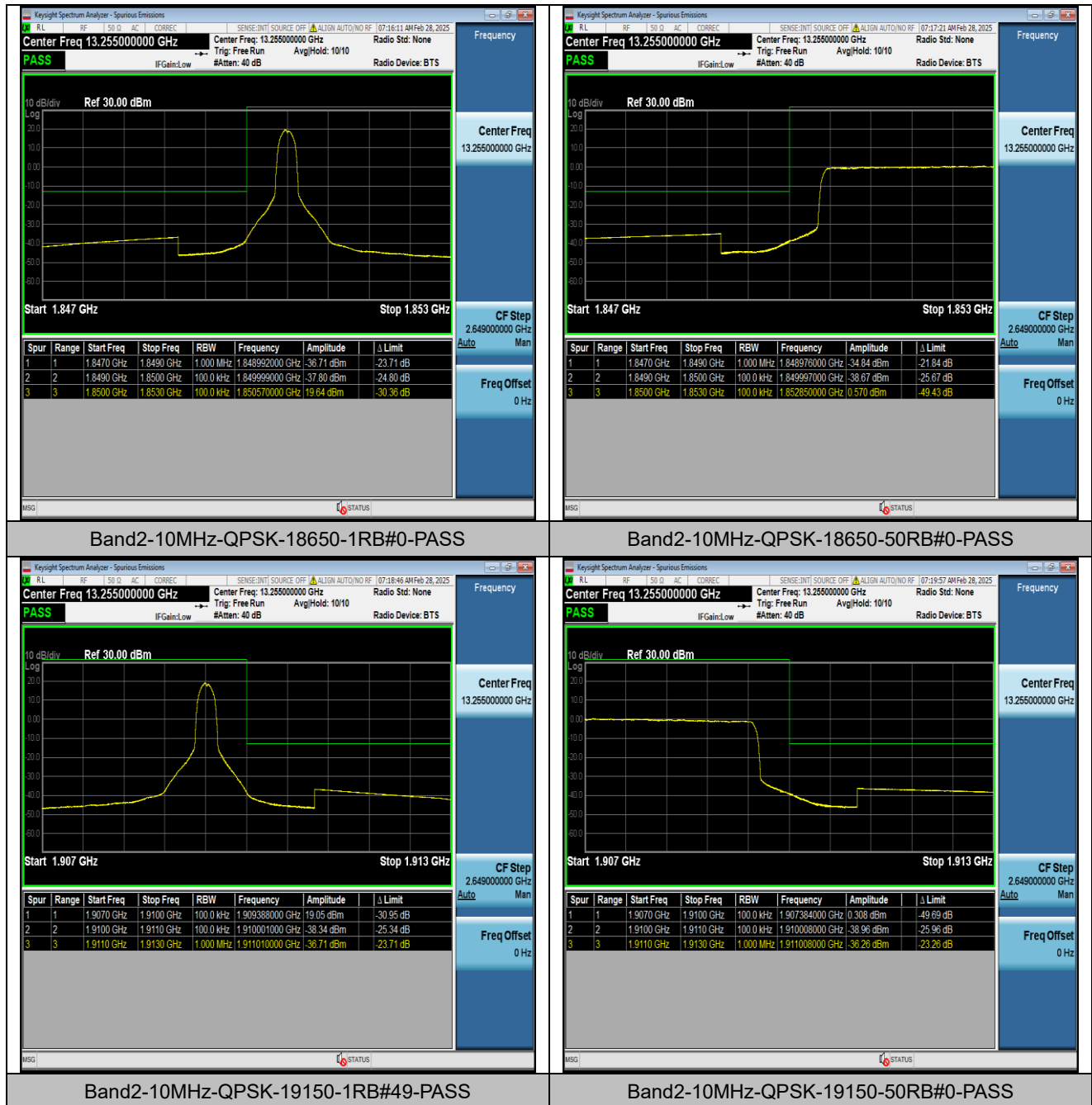
## Band Edge

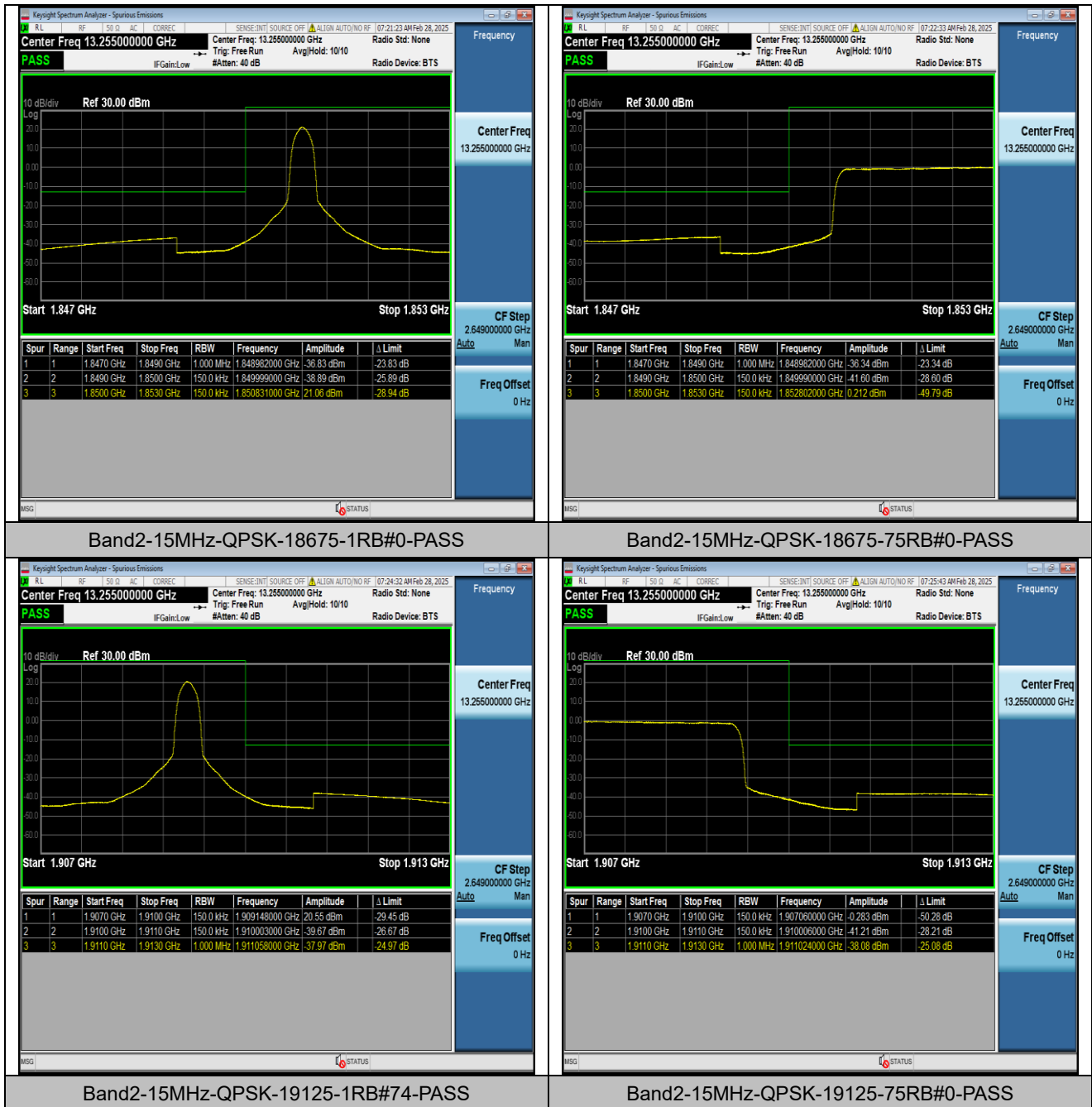
## Test Graphs

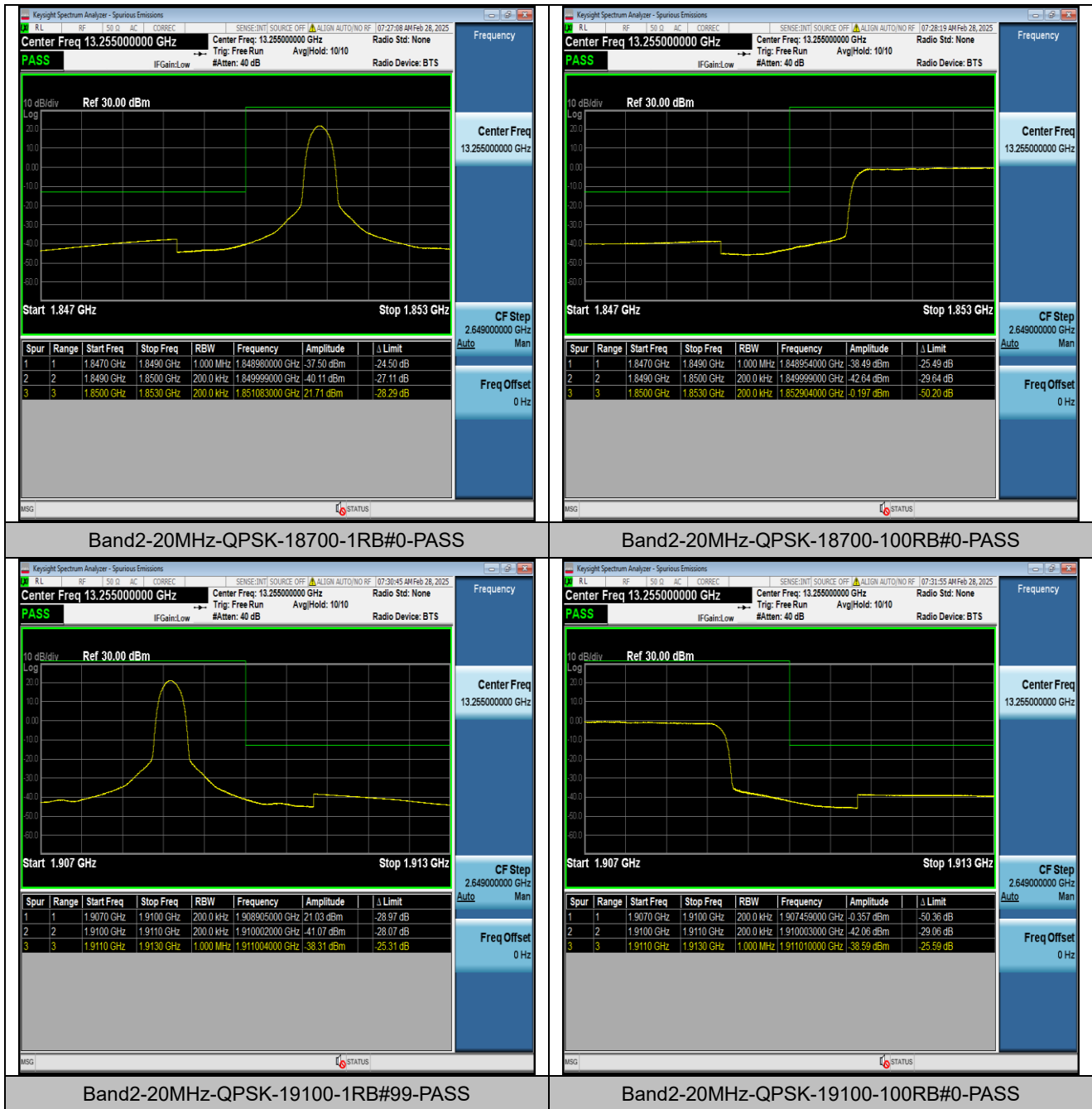






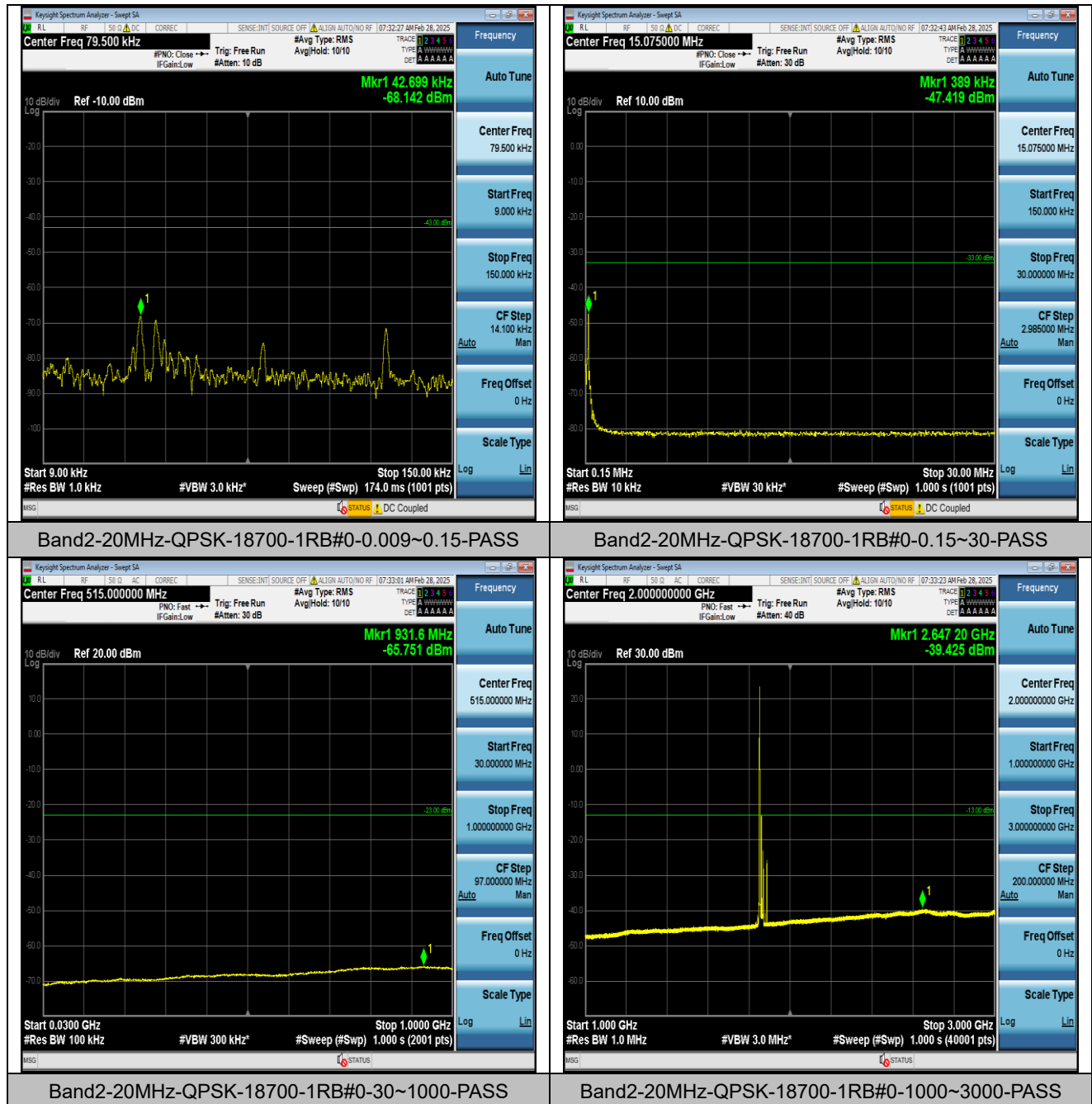


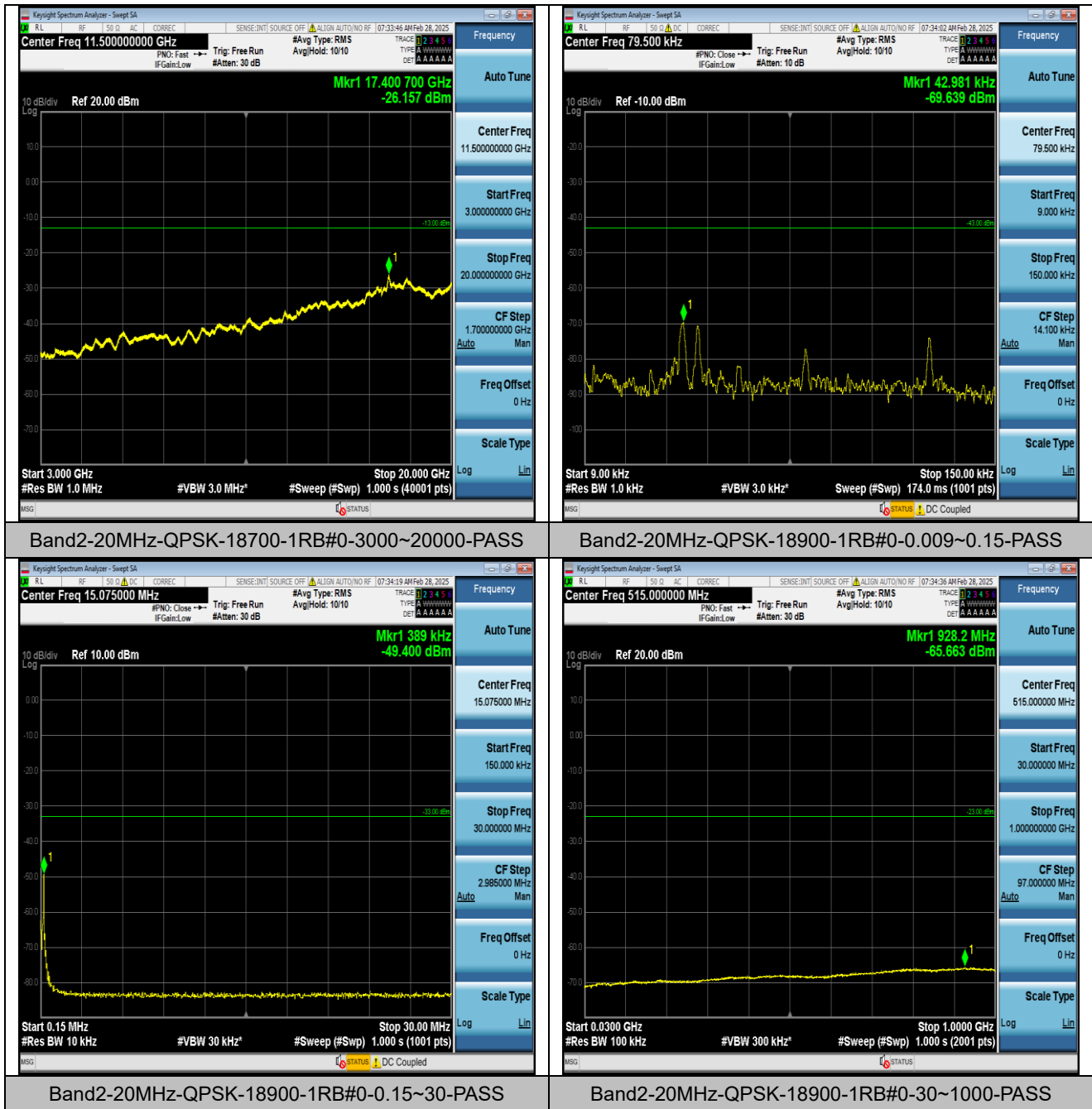


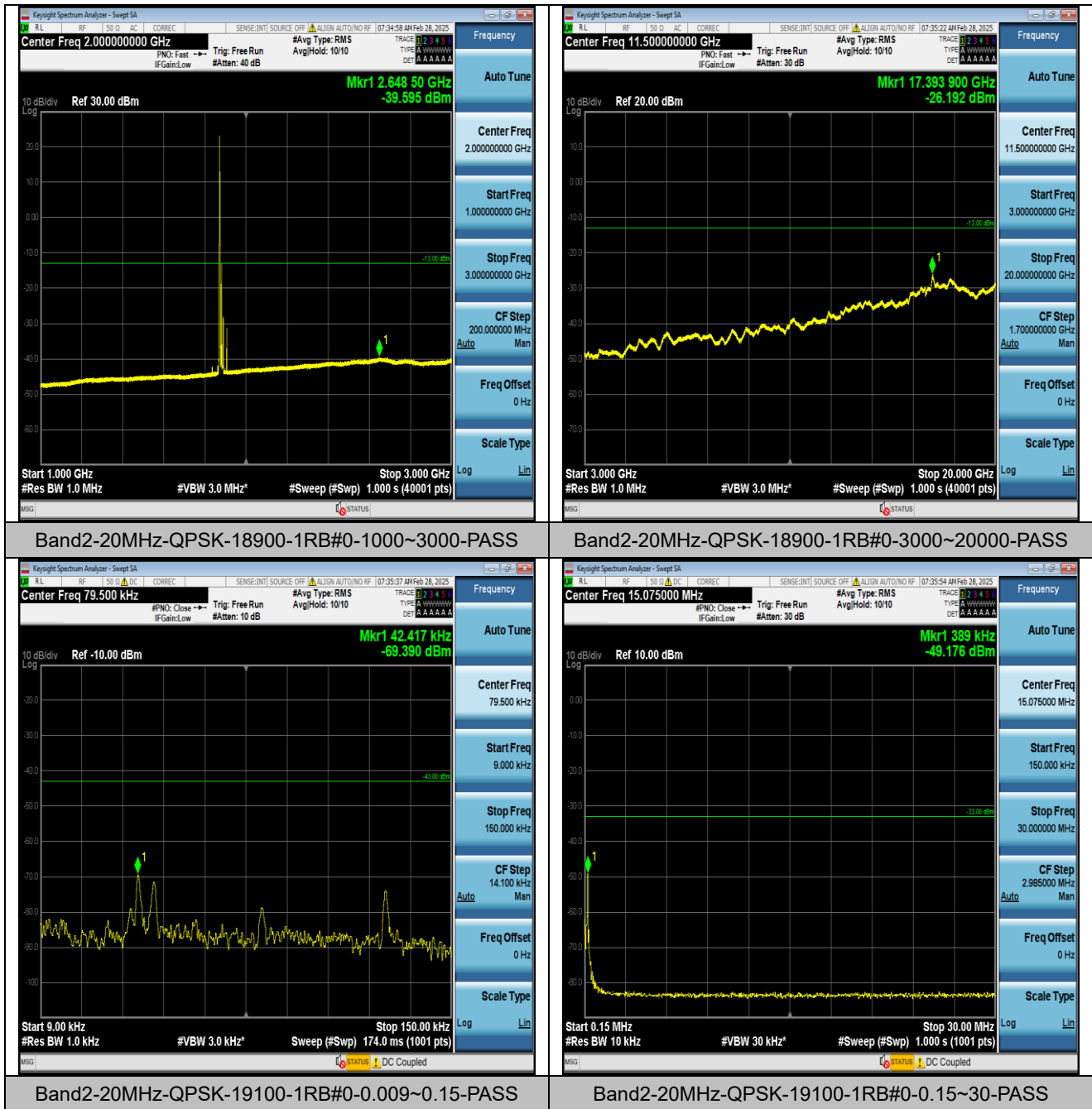


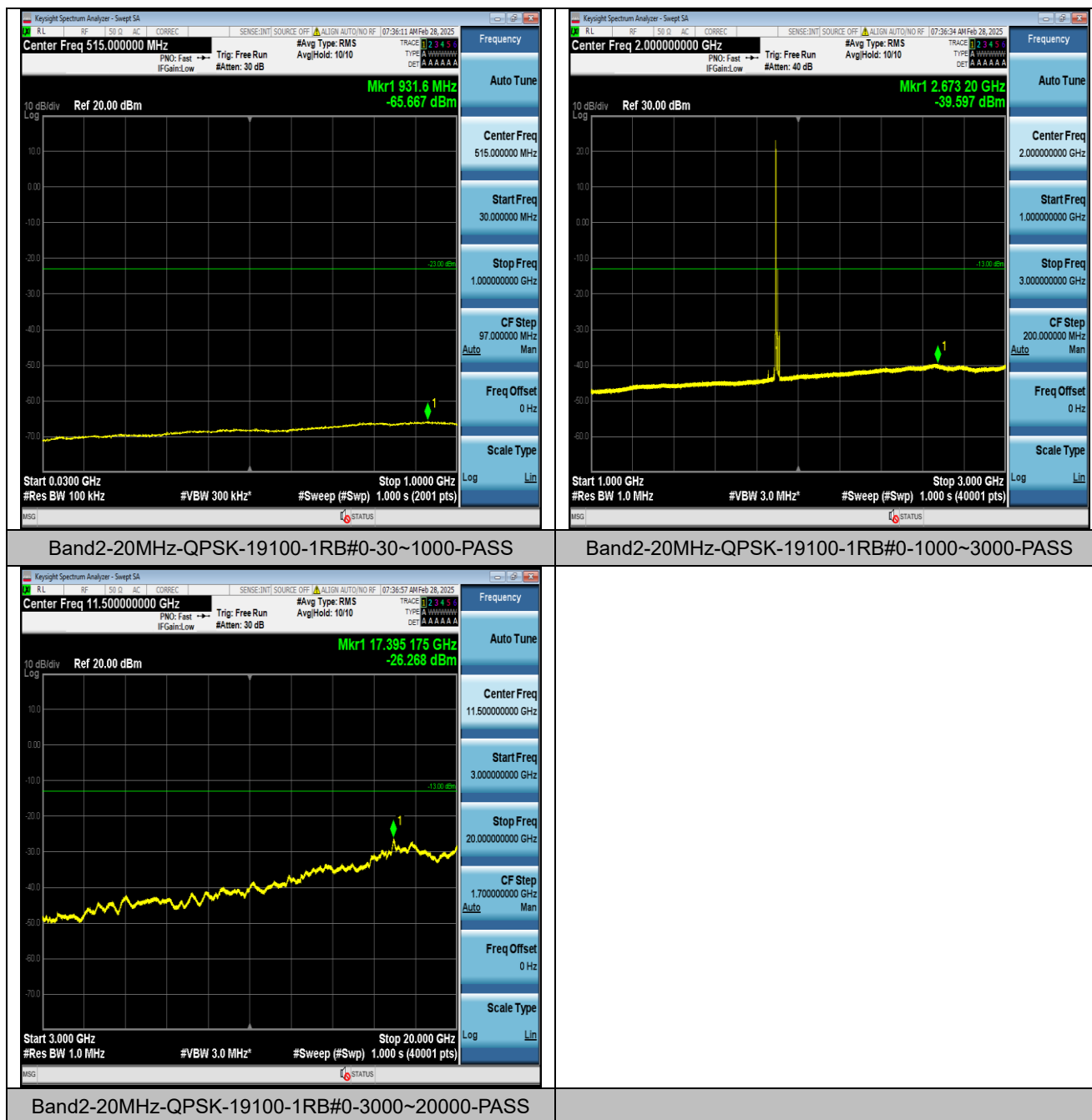
# Conducted Spurious Emission

## Test Graphs









## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band2   | 20MHz     | QPSK       | 18900   | 100RB#0      | VN            | NT               | -5.50          | -0.002926       | PASS    |
| Band2   | 20MHz     | QPSK       | 18900   | 100RB#0      | VL            | NT               | -3.50          | -0.001862       | PASS    |
| Band2   | 20MHz     | QPSK       | 18900   | 100RB#0      | VH            | NT               | -3.70          | -0.001968       | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | -30              | -4.00          | -0.002128       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | -20              | -4.10          | -0.002181       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | -10              | -5.30          | -0.002819       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | 0                | -4.10          | -0.002181       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | 10               | -3.70          | -0.001968       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | 20               | -2.50          | -0.001330       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | 30               | -3.90          | -0.002074       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | 40               | -4.20          | -0.002234       | PASS    |
| Band2       | 20MHz     | QPSK       | 18900   | 100RB#0      | NV            | 50               | -4.90          | -0.002606       | PASS    |

~The End~