

# Appendix-A LTE Band 25

## Effective (Isotropic) Radiated Power Output Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dBm) | EIRP (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|--------------|------------|-------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#0            | 23.08        | 24.88      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#2            | 23.14        | 24.94      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 1RB#5            | 23.13        | 24.93      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 22.14        | 23.94      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#0            | 22.59        | 24.39      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#2            | 22.26        | 24.06      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 1RB#5            | 22.35        | 24.15      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 21.34        | 23.14      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#0            | 23.02        | 24.82      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#2            | 22.99        | 24.79      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 1RB#5            | 23.11        | 24.91      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 22.07        | 23.87      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#0            | 22.46        | 24.26      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#2            | 22.68        | 24.48      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 1RB#5            | 22.41        | 24.21      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 21.2         | 23         | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#0            | 23.28        | 25.08      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#2            | 23.3         | 25.1       | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 1RB#5            | 23.21        | 25.01      | 33          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 22.32        | 24.12      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#0            | 22.8         | 24.6       | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#2            | 22.68        | 24.48      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 1RB#5            | 22.68        | 24.48      | 33          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 21.5         | 23.3       | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 1RB#0            | 23.22        | 25.02      | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 1RB#8            | 23.14        | 24.94      | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 1RB#14           | 23.15        | 24.95      | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 15RB#0           | 22.19        | 23.99      | 33          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 1RB#0            | 22.52        | 24.32      | 33          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 1RB#8            | 22.38        | 24.18      | 33          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 1RB#14           | 22.31        | 24.11      | 33          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 15RB#0           | 21.3         | 23.1       | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 1RB#0            | 23.23        | 25.03      | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 1RB#8            | 23.09        | 24.89      | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 1RB#14           | 23.1         | 24.9       | 33          | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 15RB#0           | 22.09        | 23.89      | 33          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 1RB#0            | 22.34        | 24.14      | 33          | PASS    |

|        |       |       |       |        |       |       |    |      |
|--------|-------|-------|-------|--------|-------|-------|----|------|
| Band25 | 3MHz  | 16QAM | 26365 | 1RB#8  | 22.56 | 24.36 | 33 | PASS |
| Band25 | 3MHz  | 16QAM | 26365 | 1RB#14 | 22.46 | 24.26 | 33 | PASS |
| Band25 | 3MHz  | 16QAM | 26365 | 15RB#0 | 21.26 | 23.06 | 33 | PASS |
| Band25 | 3MHz  | QPSK  | 26675 | 1RB#0  | 23.34 | 25.14 | 33 | PASS |
| Band25 | 3MHz  | QPSK  | 26675 | 1RB#8  | 23.41 | 25.21 | 33 | PASS |
| Band25 | 3MHz  | QPSK  | 26675 | 1RB#14 | 23.4  | 25.2  | 33 | PASS |
| Band25 | 3MHz  | QPSK  | 26675 | 15RB#0 | 22.37 | 24.17 | 33 | PASS |
| Band25 | 3MHz  | 16QAM | 26675 | 1RB#0  | 22.6  | 24.4  | 33 | PASS |
| Band25 | 3MHz  | 16QAM | 26675 | 1RB#8  | 22.7  | 24.5  | 33 | PASS |
| Band25 | 3MHz  | 16QAM | 26675 | 1RB#14 | 22.74 | 24.54 | 33 | PASS |
| Band25 | 3MHz  | 16QAM | 26675 | 15RB#0 | 21.42 | 23.22 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26065 | 1RB#0  | 23.3  | 25.1  | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26065 | 1RB#12 | 23.24 | 25.04 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26065 | 1RB#24 | 23.27 | 25.07 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26065 | 25RB#0 | 22.24 | 24.04 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#0  | 22.6  | 24.4  | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#12 | 22.73 | 24.53 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 1RB#24 | 22.69 | 24.49 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26065 | 25RB#0 | 21.32 | 23.12 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26365 | 1RB#0  | 23.19 | 24.99 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26365 | 1RB#12 | 23.26 | 25.06 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26365 | 1RB#24 | 23.15 | 24.95 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26365 | 25RB#0 | 22.17 | 23.97 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#0  | 22.65 | 24.45 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#12 | 22.47 | 24.27 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 1RB#24 | 22.64 | 24.44 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26365 | 25RB#0 | 21.25 | 23.05 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 1RB#0  | 23.34 | 25.14 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 1RB#12 | 23.34 | 25.14 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 1RB#24 | 23.32 | 25.12 | 33 | PASS |
| Band25 | 5MHz  | QPSK  | 26665 | 25RB#0 | 22.43 | 24.23 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#0  | 22.65 | 24.45 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#12 | 22.68 | 24.48 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 1RB#24 | 22.52 | 24.32 | 33 | PASS |
| Band25 | 5MHz  | 16QAM | 26665 | 25RB#0 | 21.48 | 23.28 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#0  | 23.4  | 25.2  | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#24 | 23.17 | 24.97 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 1RB#49 | 23.43 | 25.23 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26090 | 50RB#0 | 22.25 | 24.05 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#0  | 22.85 | 24.65 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#24 | 22.52 | 24.32 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 1RB#49 | 22.75 | 24.55 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26090 | 50RB#0 | 21.37 | 23.17 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#0  | 23.35 | 25.15 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 1RB#24 | 23.08 | 24.88 | 33 | PASS |

|        |       |       |       |         |       |       |    |      |
|--------|-------|-------|-------|---------|-------|-------|----|------|
| Band25 | 10MHz | QPSK  | 26365 | 1RB#49  | 23.42 | 25.22 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26365 | 50RB#0  | 22.23 | 24.03 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#0   | 22.46 | 24.26 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#24  | 22.48 | 24.28 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 1RB#49  | 22.88 | 24.68 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26365 | 50RB#0  | 21.36 | 23.16 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#0   | 23.37 | 25.17 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#24  | 23.37 | 25.17 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 1RB#49  | 23.36 | 25.16 | 33 | PASS |
| Band25 | 10MHz | QPSK  | 26640 | 50RB#0  | 22.42 | 24.22 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#0   | 22.71 | 24.51 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#24  | 22.44 | 24.24 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 1RB#49  | 22.77 | 24.57 | 33 | PASS |
| Band25 | 10MHz | 16QAM | 26640 | 50RB#0  | 21.47 | 23.27 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#0   | 23.23 | 25.03 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#38  | 23.21 | 25.01 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 1RB#74  | 23.18 | 24.98 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26115 | 75RB#0  | 22.29 | 24.09 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#0   | 22.84 | 24.64 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#38  | 22.69 | 24.49 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 1RB#74  | 22.78 | 24.58 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26115 | 75RB#0  | 21.39 | 23.19 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#0   | 23.22 | 25.02 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#38  | 23.21 | 25.01 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 1RB#74  | 23.2  | 25    | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26365 | 75RB#0  | 22.18 | 23.98 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#0   | 22.77 | 24.57 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#38  | 22.65 | 24.45 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 1RB#74  | 22.32 | 24.12 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26365 | 75RB#0  | 21.3  | 23.1  | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#0   | 23.41 | 25.21 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#38  | 23.3  | 25.1  | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 1RB#74  | 23.47 | 25.27 | 33 | PASS |
| Band25 | 15MHz | QPSK  | 26615 | 75RB#0  | 22.47 | 24.27 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#0   | 22.69 | 24.49 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#38  | 22.75 | 24.55 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 1RB#74  | 22.51 | 24.31 | 33 | PASS |
| Band25 | 15MHz | 16QAM | 26615 | 75RB#0  | 21.54 | 23.34 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#0   | 23.37 | 25.17 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#49  | 23.25 | 25.05 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 1RB#99  | 23.29 | 25.09 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26140 | 100RB#0 | 22.31 | 24.11 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#0   | 22.5  | 24.3  | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#49  | 22.53 | 24.33 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26140 | 1RB#99  | 22.87 | 24.67 | 33 | PASS |

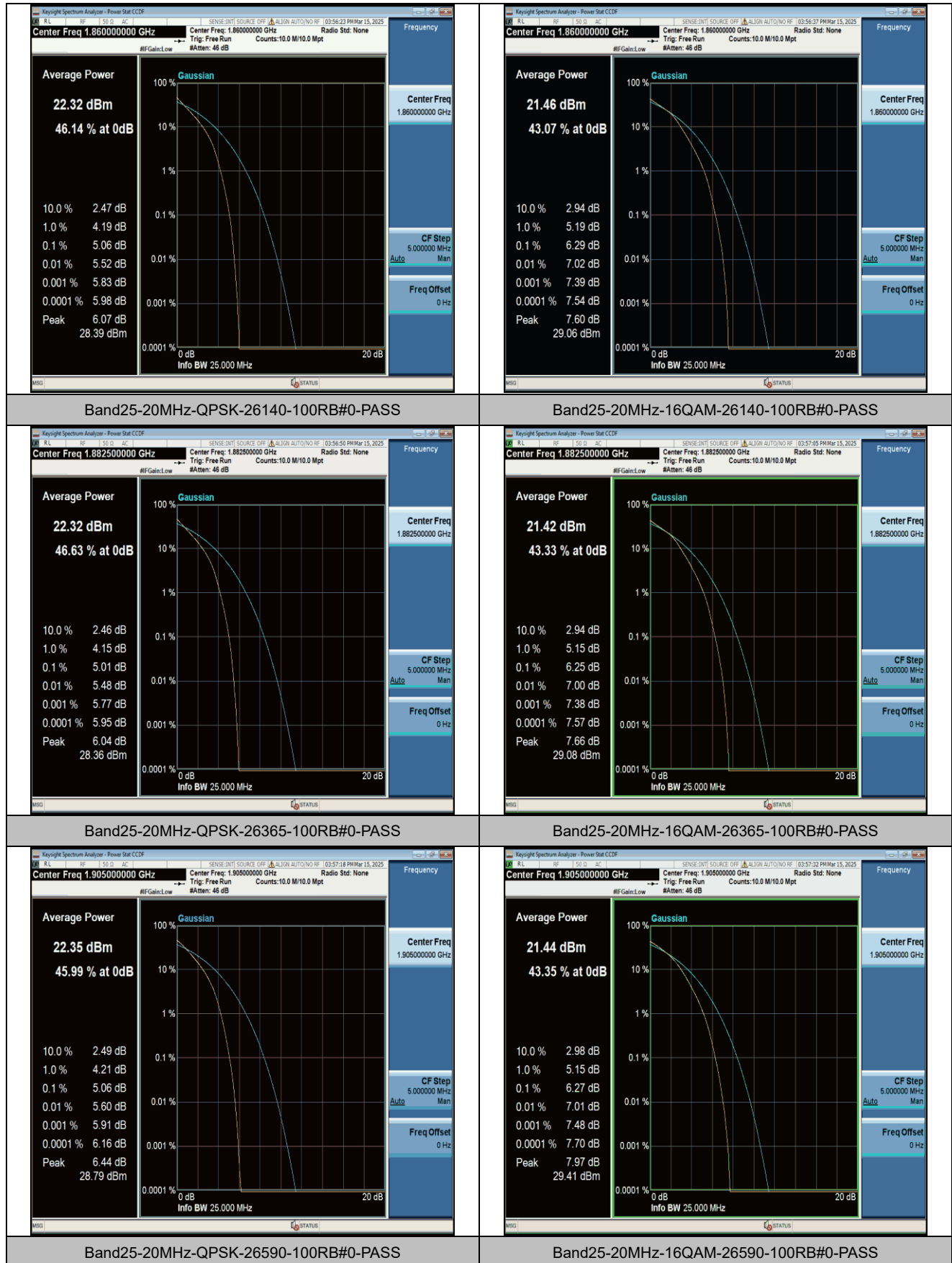
|        |       |       |       |         |       |       |    |      |
|--------|-------|-------|-------|---------|-------|-------|----|------|
| Band25 | 20MHz | 16QAM | 26140 | 100RB#0 | 21.4  | 23.2  | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#0   | 23.41 | 25.21 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#49  | 23.11 | 24.91 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 1RB#99  | 23.5  | 25.3  | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26365 | 100RB#0 | 22.29 | 24.09 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#0   | 22.74 | 24.54 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#49  | 22.36 | 24.16 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 1RB#99  | 22.85 | 24.65 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26365 | 100RB#0 | 21.42 | 23.22 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#0   | 23.35 | 25.15 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#49  | 23.32 | 25.12 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 1RB#99  | 23.44 | 25.24 | 33 | PASS |
| Band25 | 20MHz | QPSK  | 26590 | 100RB#0 | 22.29 | 24.09 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#0   | 22.58 | 24.38 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#49  | 22.81 | 24.61 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 1RB#99  | 22.69 | 24.49 | 33 | PASS |
| Band25 | 20MHz | 16QAM | 26590 | 100RB#0 | 21.41 | 23.21 | 33 | PASS |

## Peak-to-Average Ratio(CCDF)

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result (dB) | Limit (dB) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band25 | 20MHz     | QPSK       | 26140   | 100RB#0          | 5.06        | 13         | PASS    |
| Band25 | 20MHz     | 16QAM      | 26140   | 100RB#0          | 6.29        | 13         | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0          | 5.01        | 13         | PASS    |
| Band25 | 20MHz     | 16QAM      | 26365   | 100RB#0          | 6.25        | 13         | PASS    |
| Band25 | 20MHz     | QPSK       | 26590   | 100RB#0          | 5.06        | 13         | PASS    |
| Band25 | 20MHz     | 16QAM      | 26590   | 100RB#0          | 6.27        | 13         | PASS    |

## Test Graphs

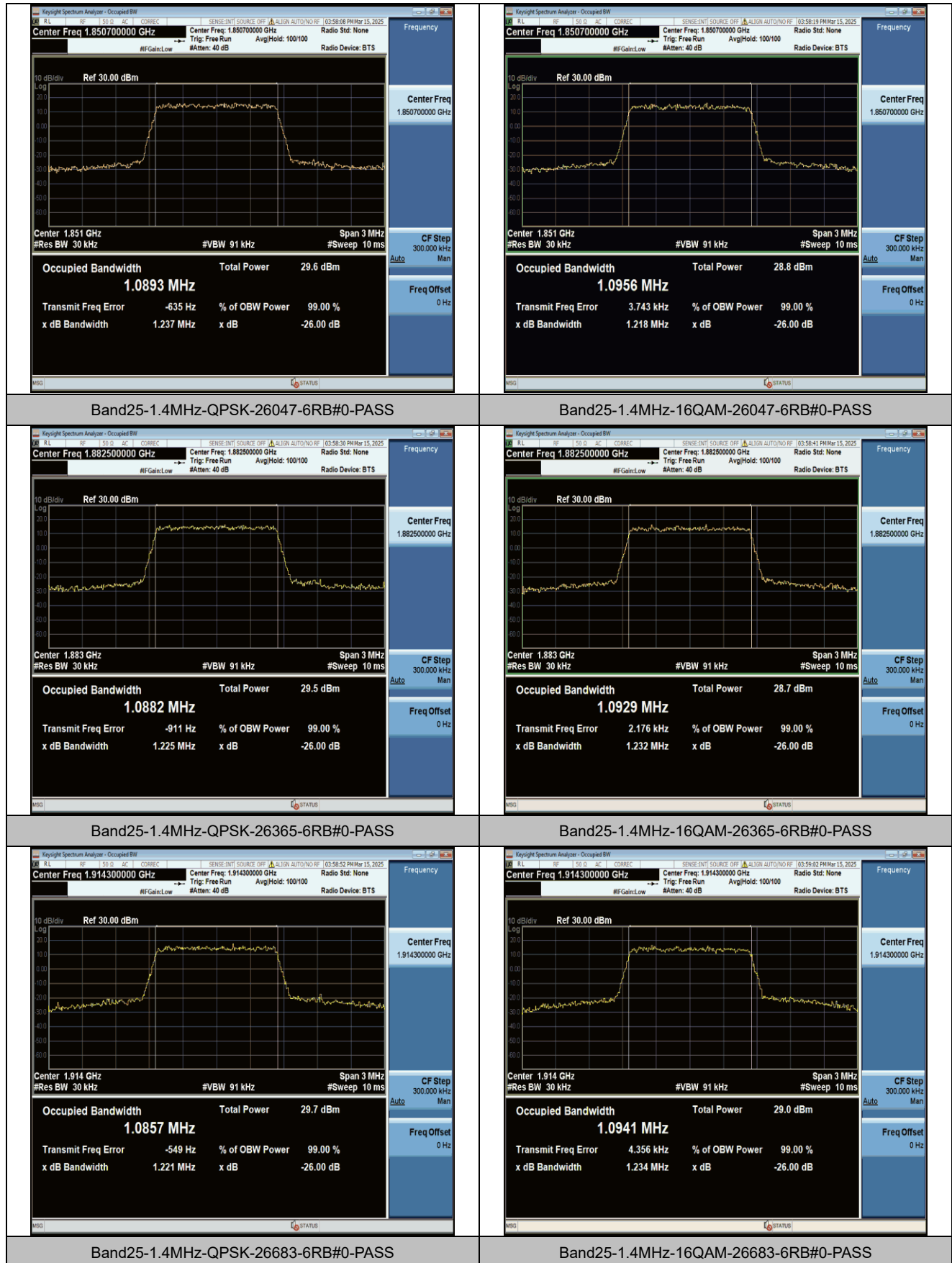


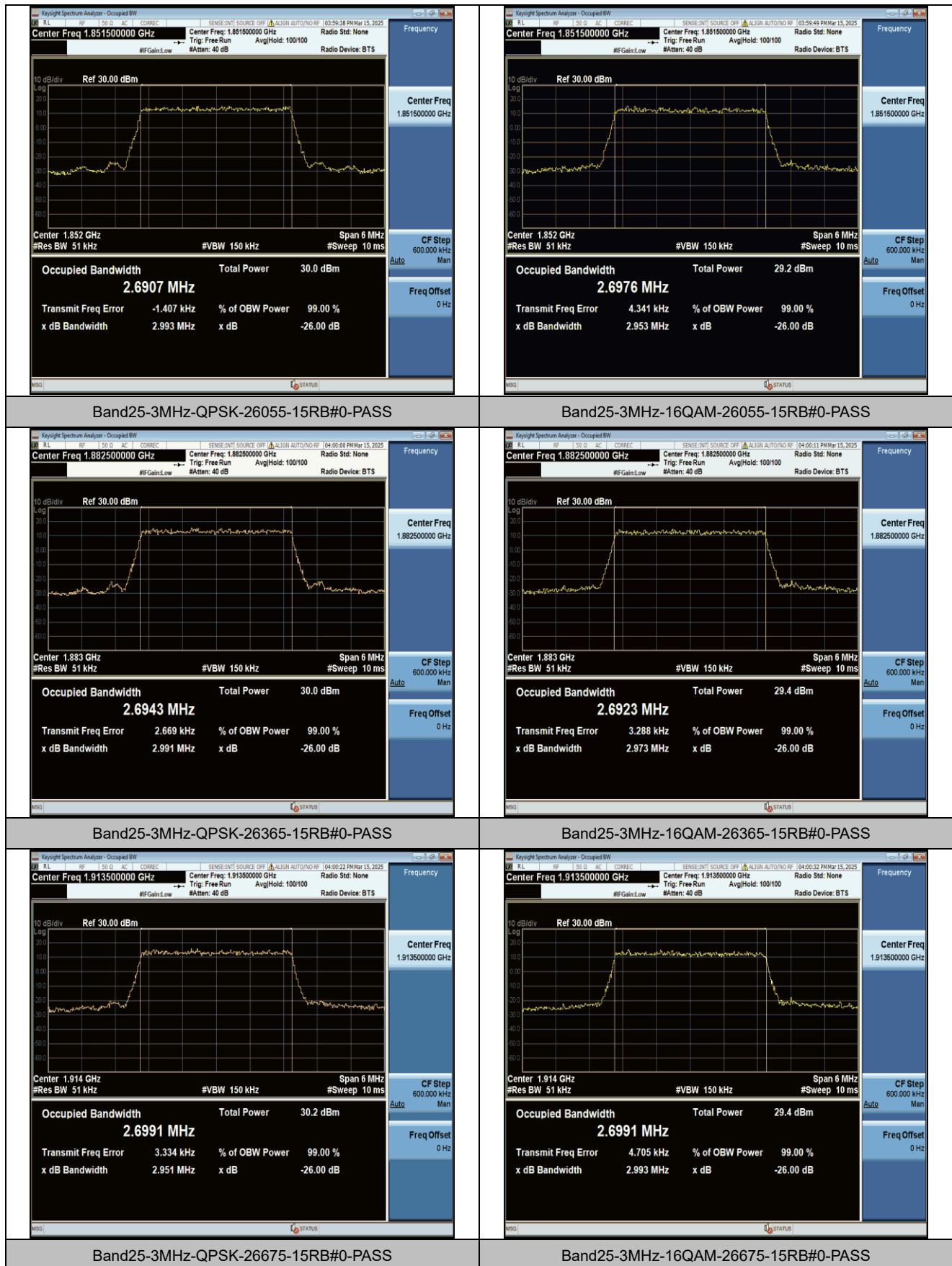
## 26dB Bandwidth and Occupied Bandwidth

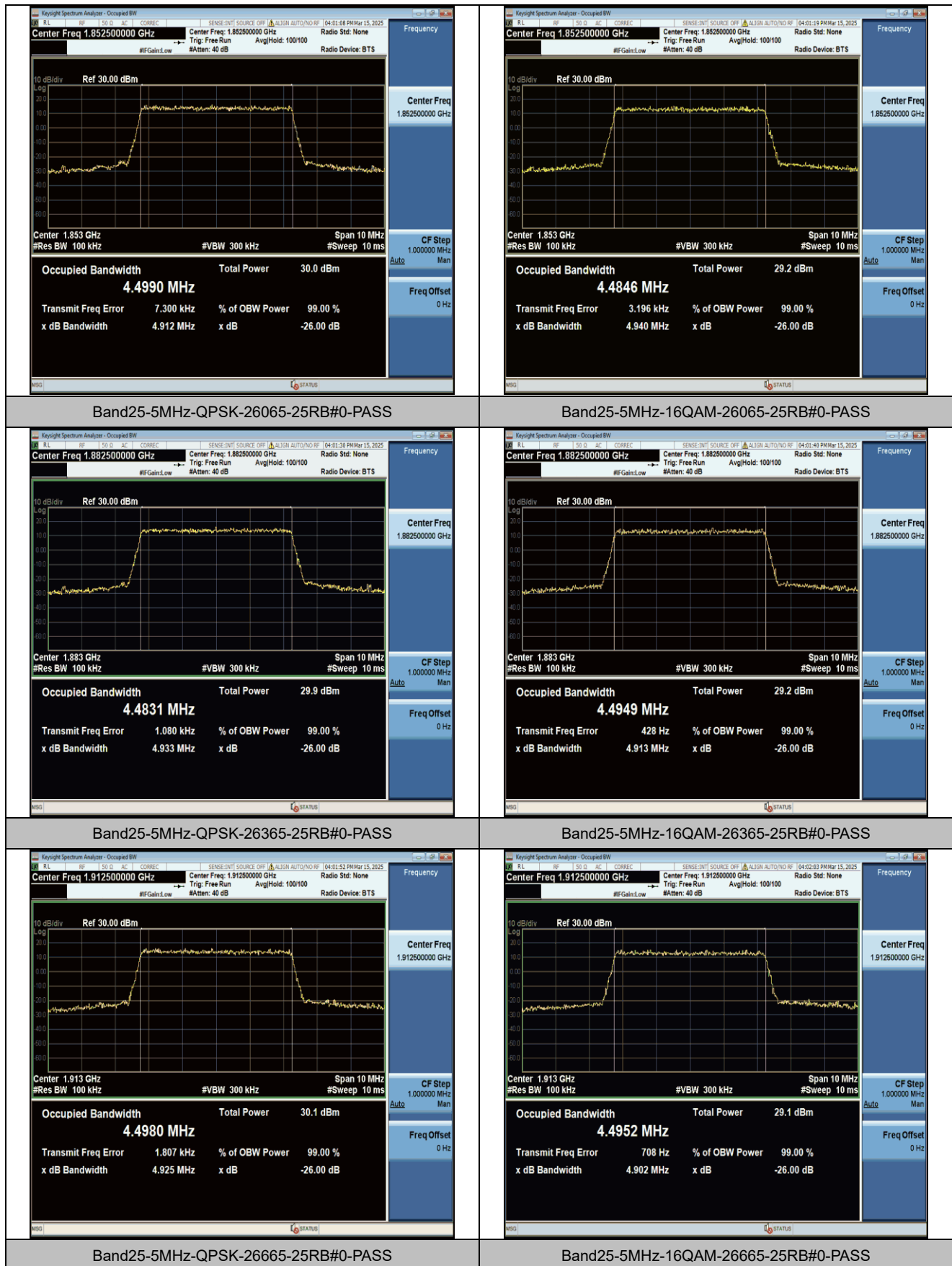
### Test Result

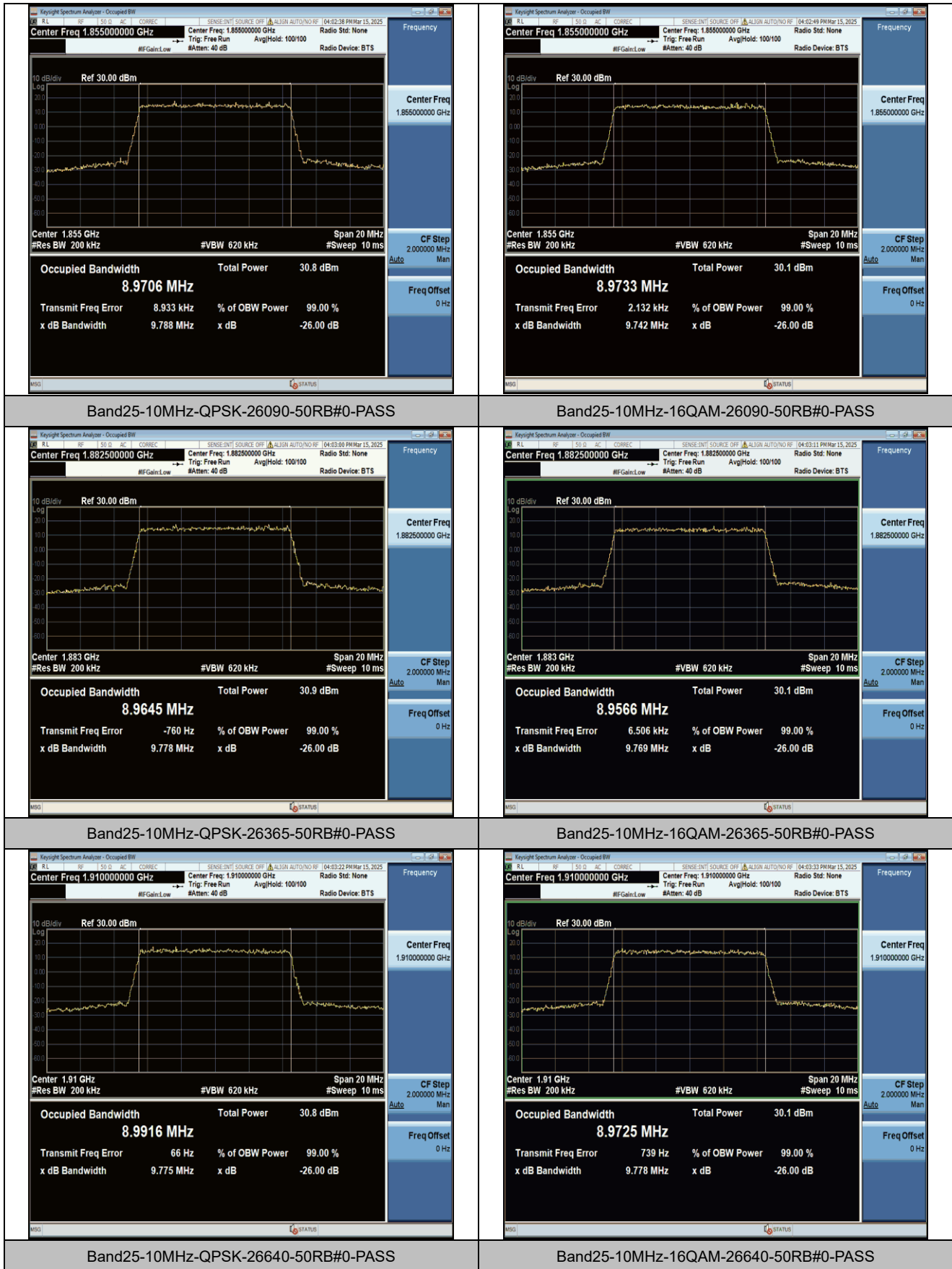
| Band   | Bandwidth | Modulation | Channel | RB Configuration | OBW (MHz) | 26dB EBW (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|-----------|----------------|---------|
| Band25 | 1.4MHz    | QPSK       | 26047   | 6RB#0            | 1.0893    | 1.237          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26047   | 6RB#0            | 1.0956    | 1.218          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26365   | 6RB#0            | 1.0882    | 1.225          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26365   | 6RB#0            | 1.0929    | 1.232          | PASS    |
| Band25 | 1.4MHz    | QPSK       | 26683   | 6RB#0            | 1.0857    | 1.221          | PASS    |
| Band25 | 1.4MHz    | 16QAM      | 26683   | 6RB#0            | 1.0941    | 1.234          | PASS    |
| Band25 | 3MHz      | QPSK       | 26055   | 15RB#0           | 2.6907    | 2.993          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26055   | 15RB#0           | 2.6976    | 2.953          | PASS    |
| Band25 | 3MHz      | QPSK       | 26365   | 15RB#0           | 2.6943    | 2.991          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26365   | 15RB#0           | 2.6923    | 2.973          | PASS    |
| Band25 | 3MHz      | QPSK       | 26675   | 15RB#0           | 2.6991    | 2.951          | PASS    |
| Band25 | 3MHz      | 16QAM      | 26675   | 15RB#0           | 2.6991    | 2.993          | PASS    |
| Band25 | 5MHz      | QPSK       | 26065   | 25RB#0           | 4.4990    | 4.912          | PASS    |
| Band25 | 5MHz      | 16QAM      | 26065   | 25RB#0           | 4.4846    | 4.940          | PASS    |
| Band25 | 5MHz      | QPSK       | 26365   | 25RB#0           | 4.4831    | 4.933          | PASS    |
| Band25 | 5MHz      | 16QAM      | 26365   | 25RB#0           | 4.4949    | 4.913          | PASS    |
| Band25 | 5MHz      | QPSK       | 26665   | 25RB#0           | 4.4980    | 4.925          | PASS    |
| Band25 | 5MHz      | 16QAM      | 26665   | 25RB#0           | 4.4952    | 4.902          | PASS    |
| Band25 | 10MHz     | QPSK       | 26090   | 50RB#0           | 8.9706    | 9.788          | PASS    |
| Band25 | 10MHz     | 16QAM      | 26090   | 50RB#0           | 8.9733    | 9.742          | PASS    |
| Band25 | 10MHz     | QPSK       | 26365   | 50RB#0           | 8.9645    | 9.778          | PASS    |
| Band25 | 10MHz     | 16QAM      | 26365   | 50RB#0           | 8.9566    | 9.769          | PASS    |
| Band25 | 10MHz     | QPSK       | 26640   | 50RB#0           | 8.9916    | 9.775          | PASS    |
| Band25 | 10MHz     | 16QAM      | 26640   | 50RB#0           | 8.9725    | 9.778          | PASS    |
| Band25 | 15MHz     | QPSK       | 26115   | 75RB#0           | 13.463    | 14.68          | PASS    |
| Band25 | 15MHz     | 16QAM      | 26115   | 75RB#0           | 13.468    | 14.65          | PASS    |
| Band25 | 15MHz     | QPSK       | 26365   | 75RB#0           | 13.458    | 14.68          | PASS    |
| Band25 | 15MHz     | 16QAM      | 26365   | 75RB#0           | 13.450    | 14.63          | PASS    |
| Band25 | 15MHz     | QPSK       | 26615   | 75RB#0           | 13.458    | 14.63          | PASS    |
| Band25 | 15MHz     | 16QAM      | 26615   | 75RB#0           | 13.464    | 14.65          | PASS    |
| Band25 | 20MHz     | QPSK       | 26140   | 100RB#0          | 17.908    | 19.61          | PASS    |
| Band25 | 20MHz     | 16QAM      | 26140   | 100RB#0          | 17.964    | 19.48          | PASS    |
| Band25 | 20MHz     | QPSK       | 26365   | 100RB#0          | 17.941    | 19.69          | PASS    |
| Band25 | 20MHz     | 16QAM      | 26365   | 100RB#0          | 17.924    | 19.40          | PASS    |
| Band25 | 20MHz     | QPSK       | 26590   | 100RB#0          | 17.956    | 19.43          | PASS    |
| Band25 | 20MHz     | 16QAM      | 26590   | 100RB#0          | 17.906    | 19.38          | PASS    |

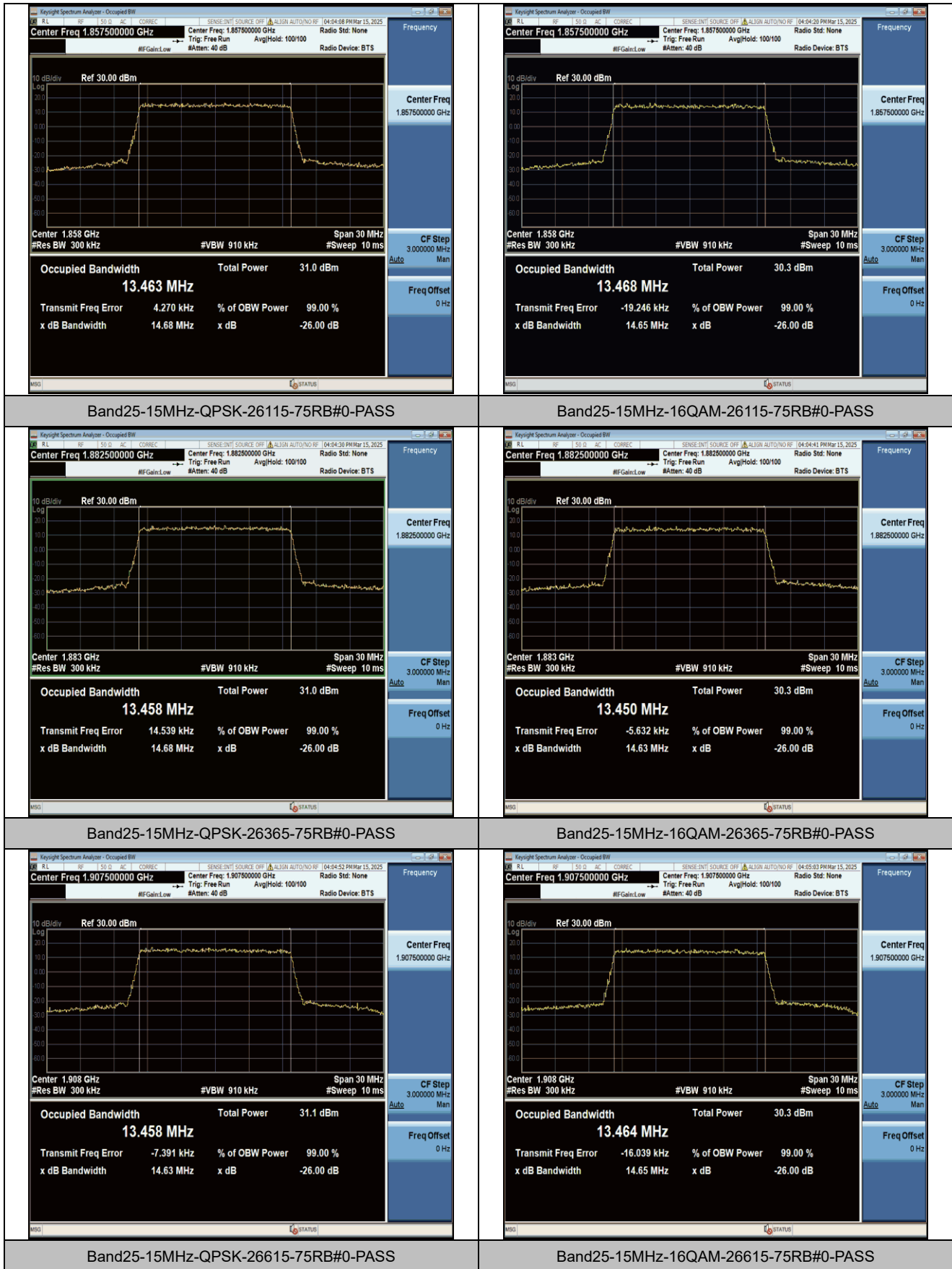
## Test Graphs

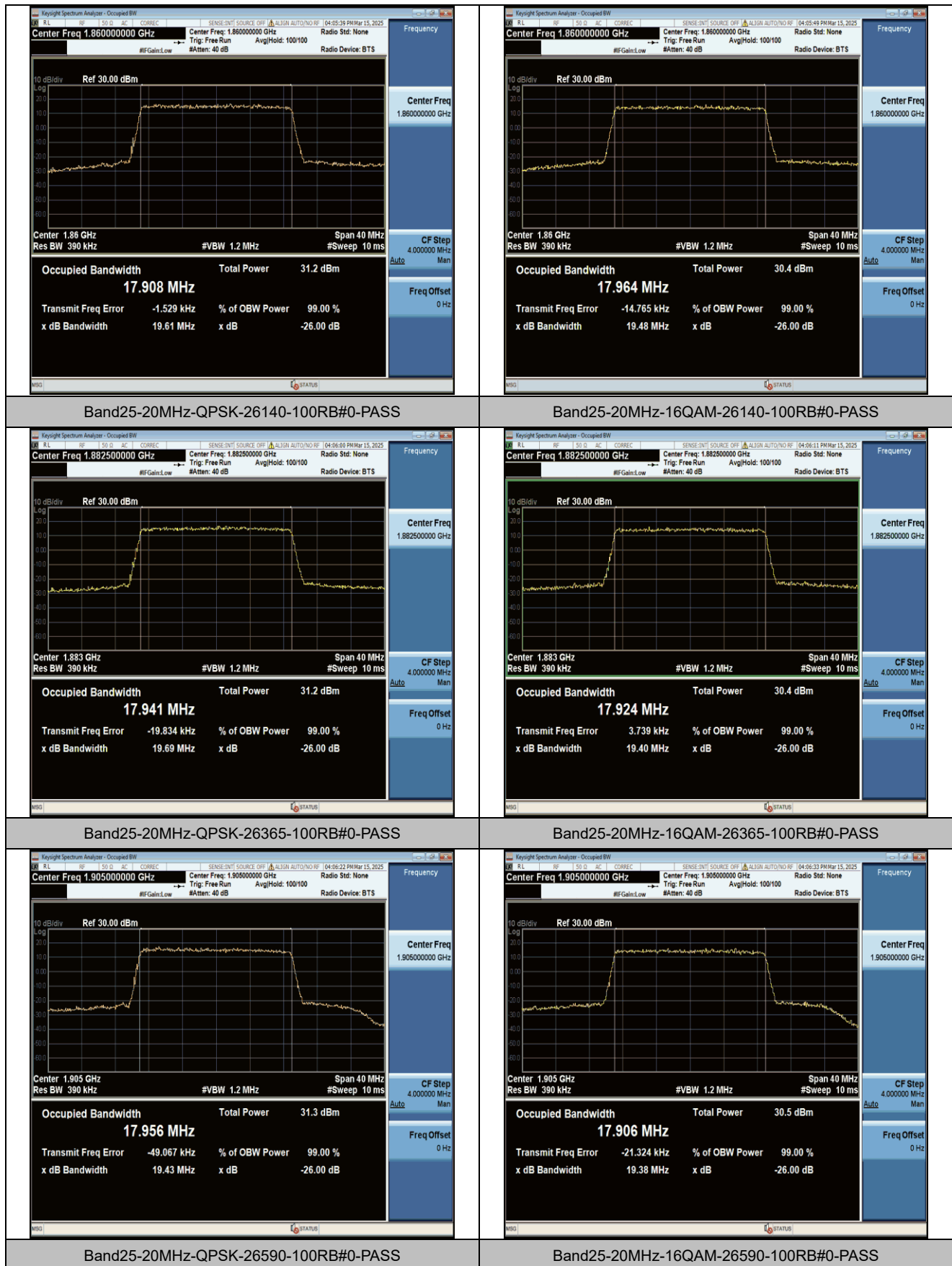






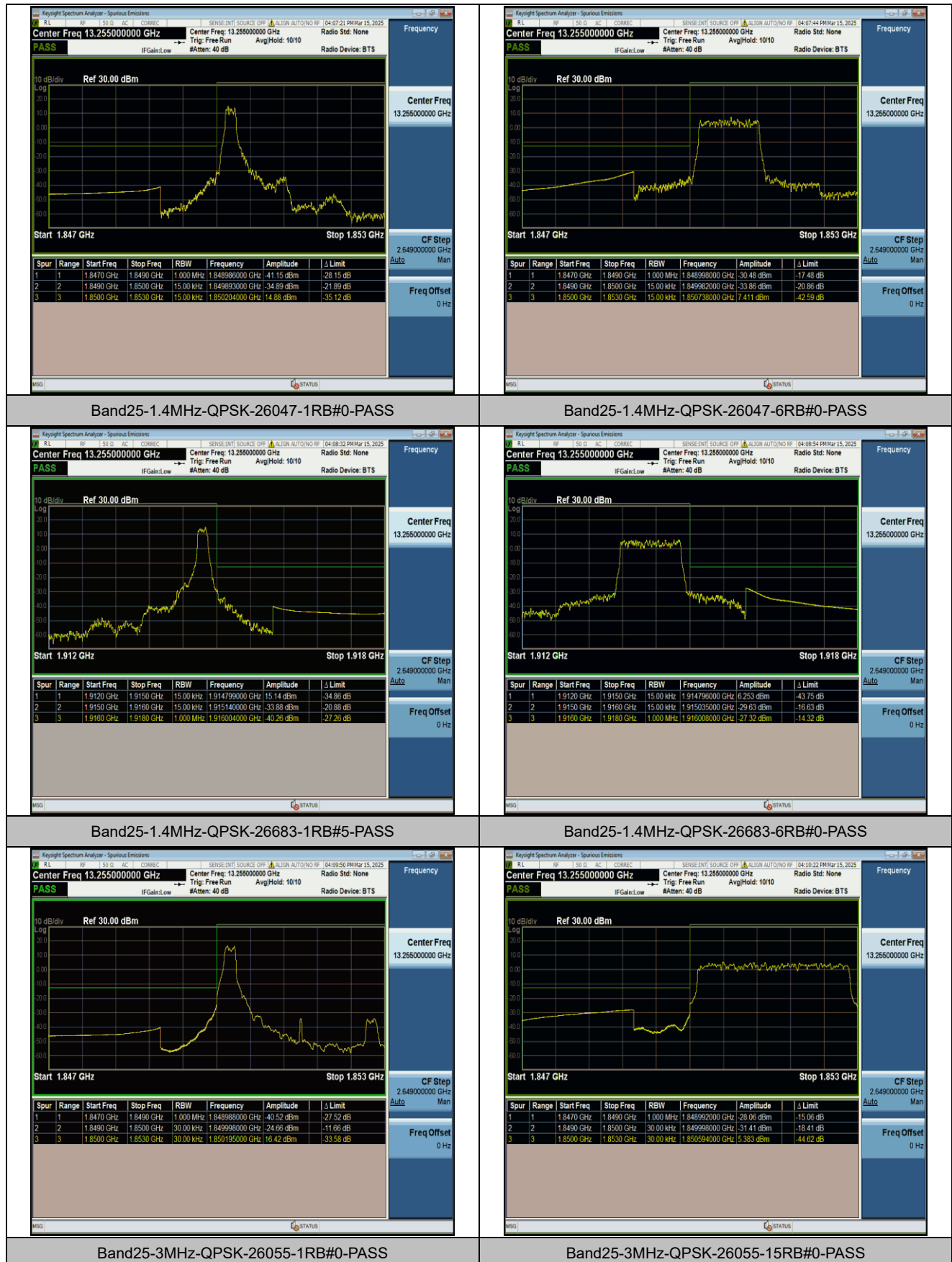


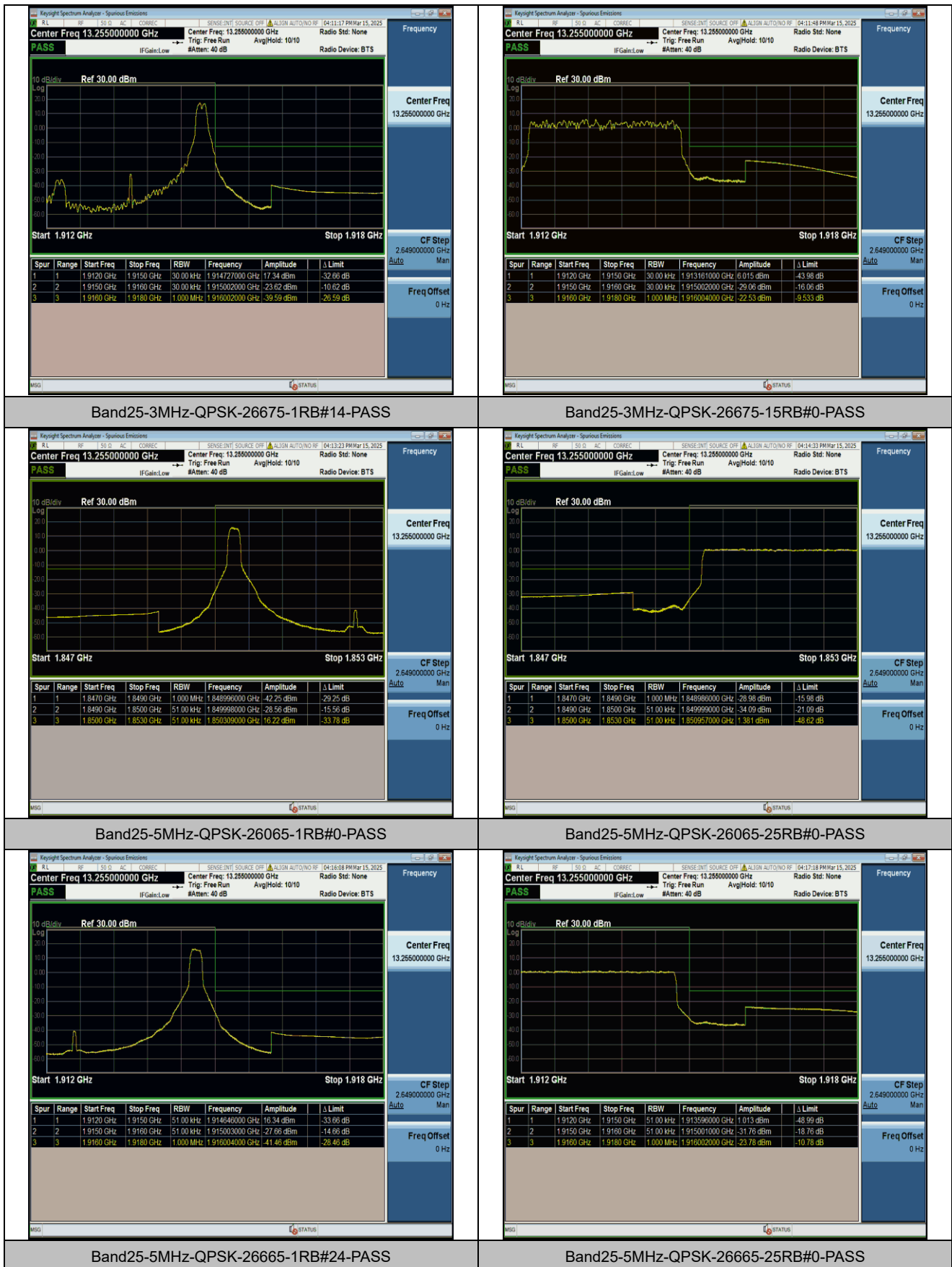


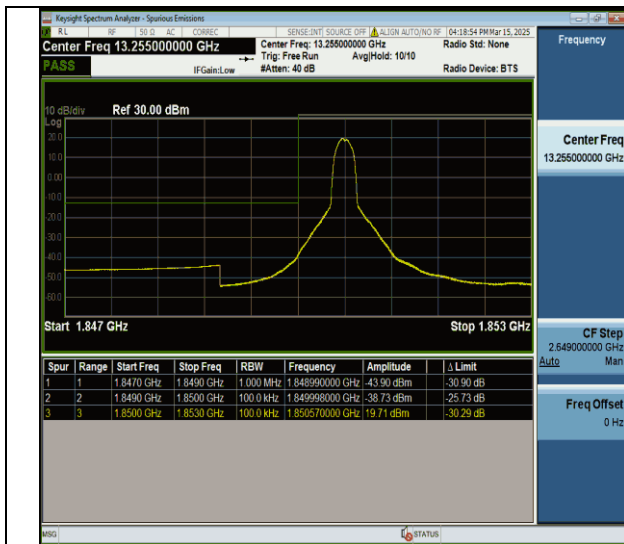


## Band Edge

### Test Graphs



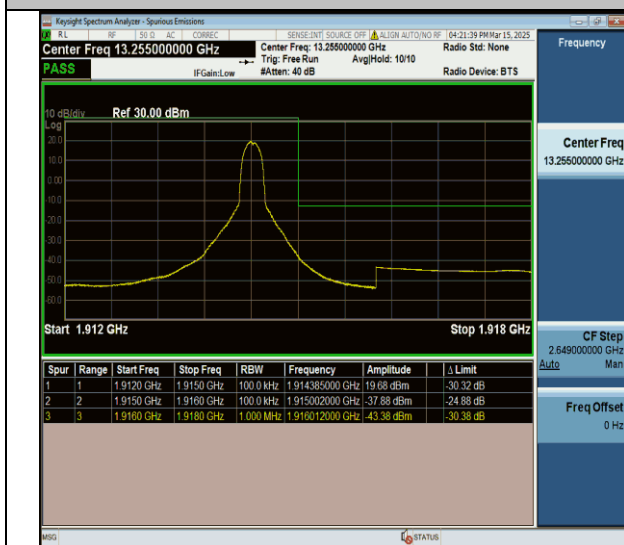




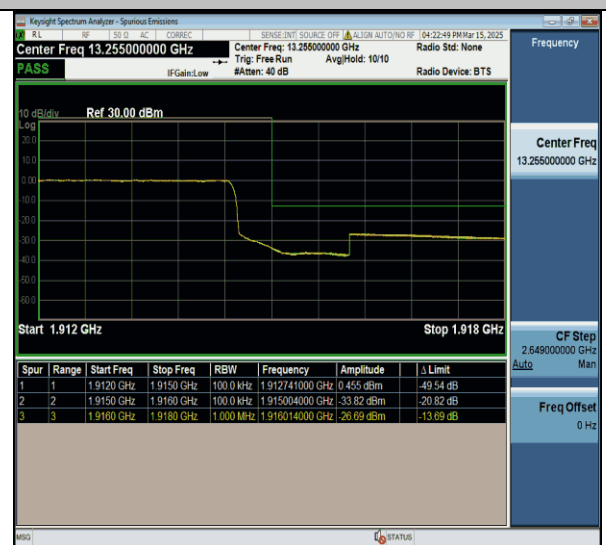
Band25-10MHz-QPSK-26090-1RB#0-PASS



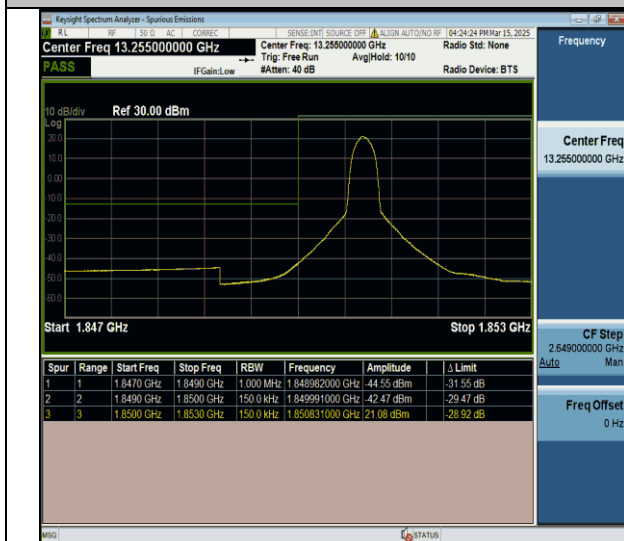
Band25-10MHz-QPSK-26090-50RB#0-PASS



Band25-10MHz-QPSK-26640-1RB#49-PASS



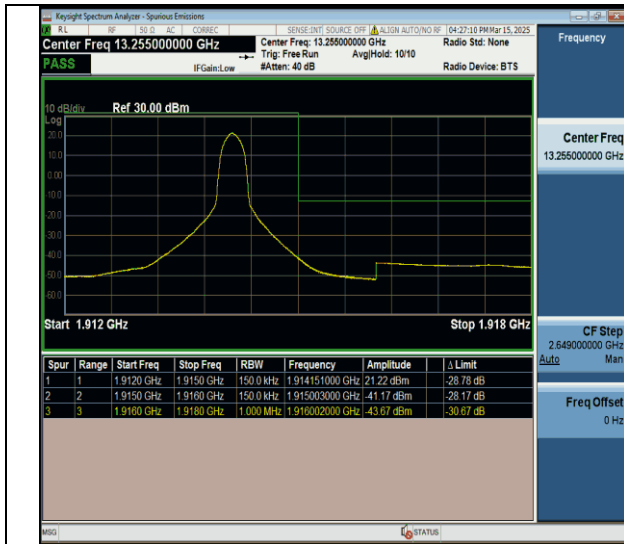
Band25-10MHz-QPSK-26640-50RB#0-PASS



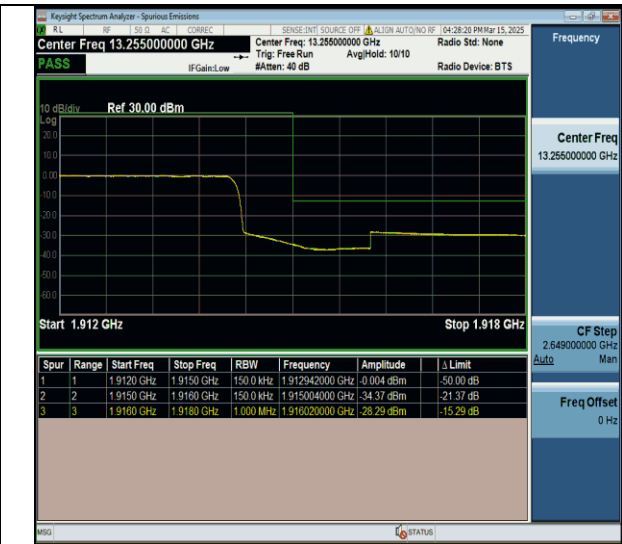
Band25-15MHz-QPSK-26115-1RB#0-PASS



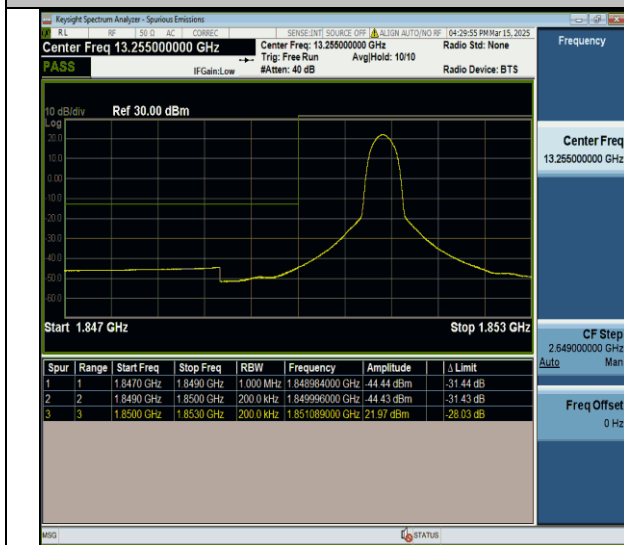
Band25-15MHz-QPSK-26115-75RB#0-PASS



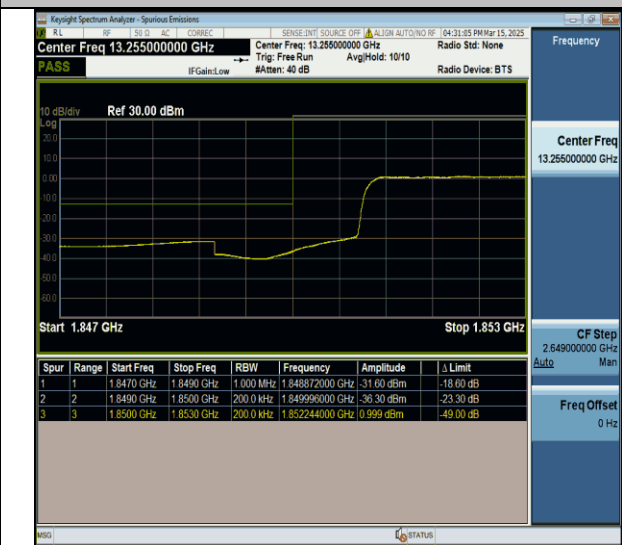
Band25-15MHz-QPSK-26615-1RB#74-PASS



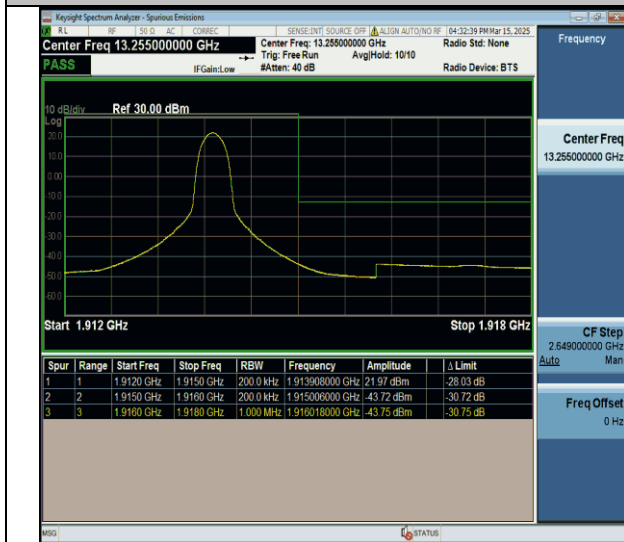
Band25-15MHz-QPSK-26615-75RB#0-PASS



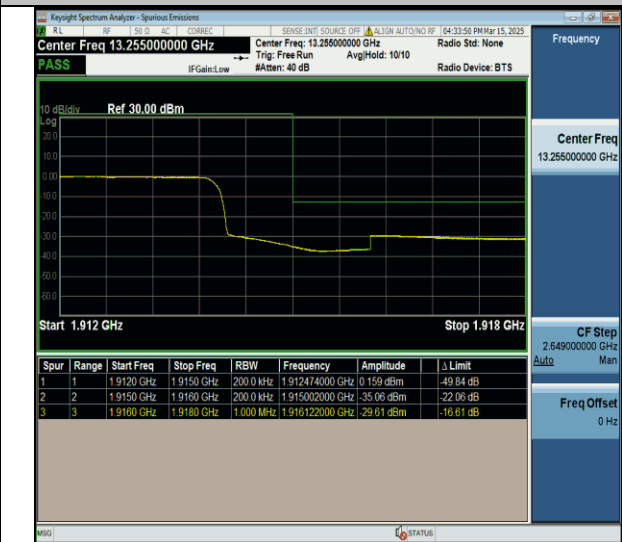
Band25-20MHz-QPSK-26140-1RB#0-PASS



Band25-20MHz-QPSK-26140-100RB#0-PASS



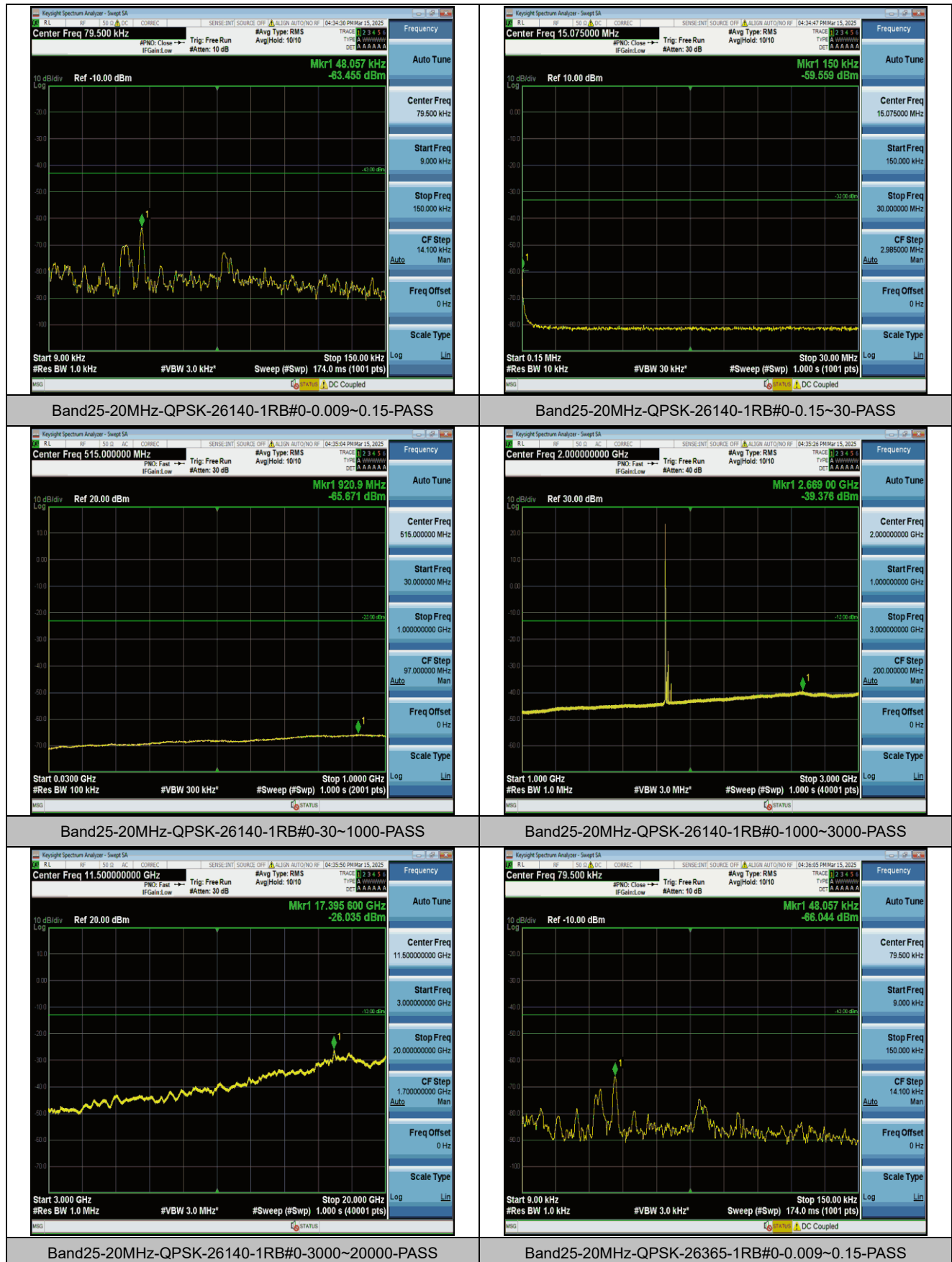
Band25-20MHz-QPSK-26590-1RB#99-PASS

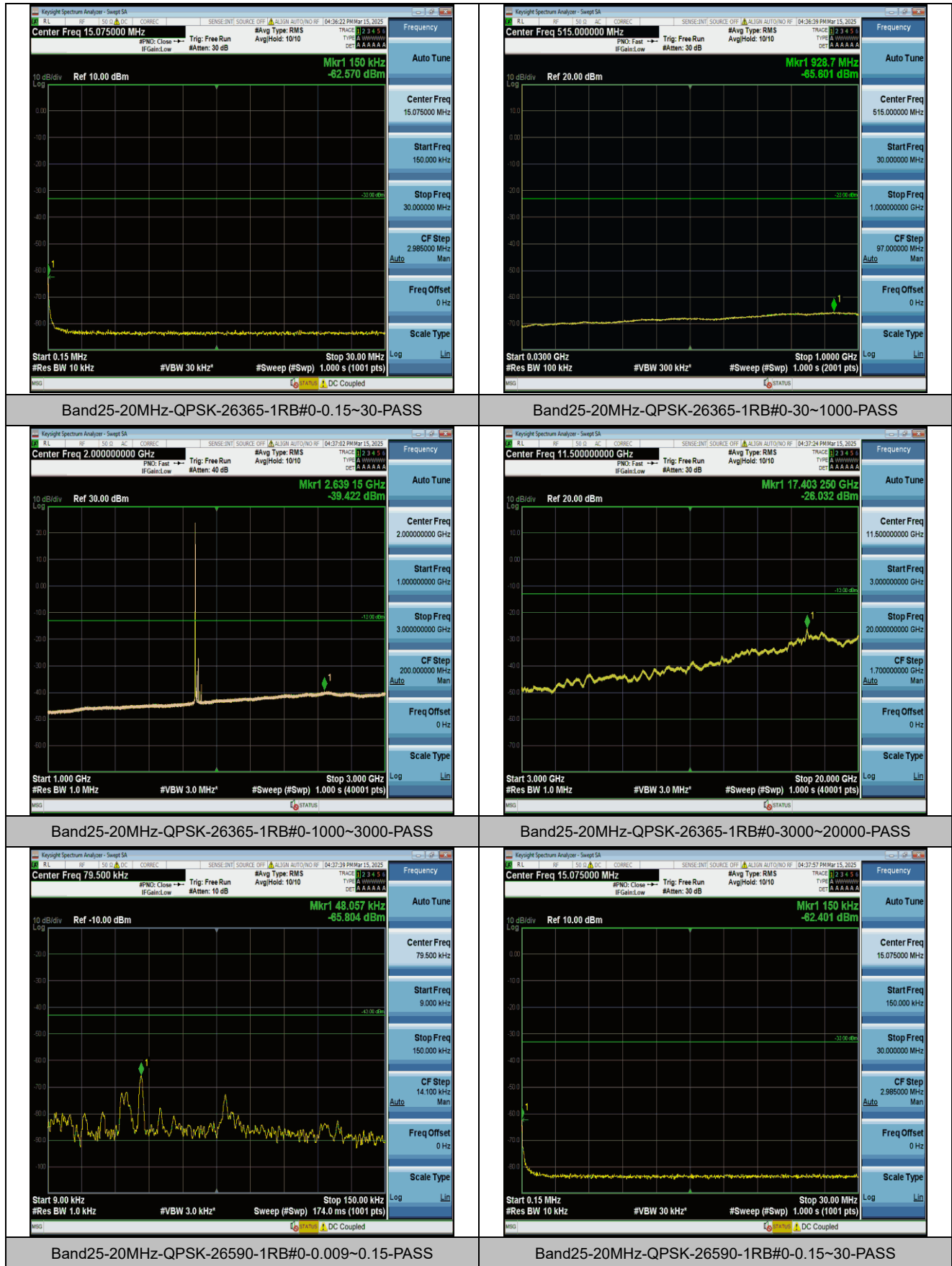


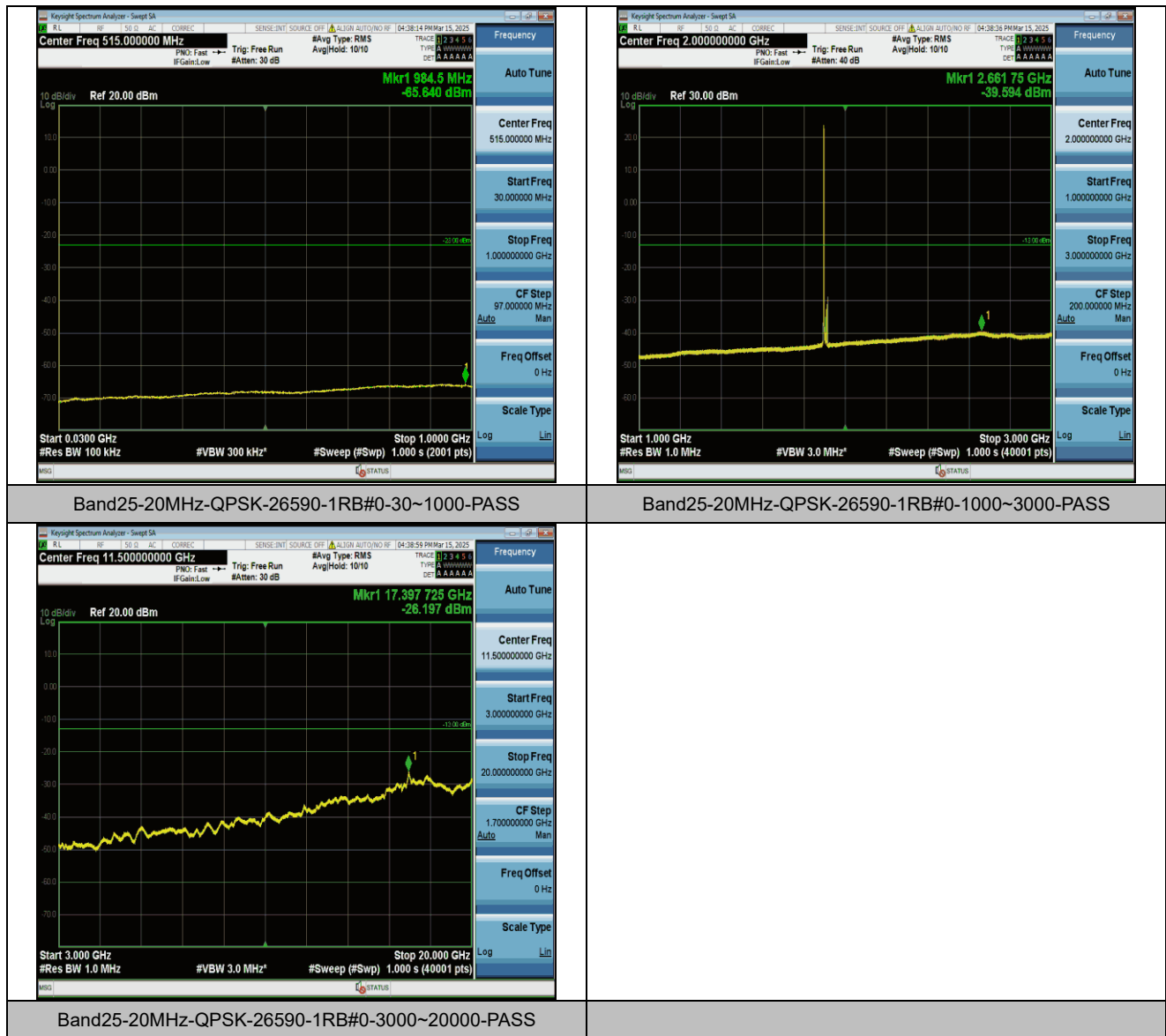
Band25-20MHz-QPSK-26590-100RB#0-PASS

# Conducted Spurious Emission

## Test Graphs







## Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band25  | 20MHz     | QPSK       | 26365   | 100RB#0      | VN            | NT               | -14.00         | -0.007437       | PASS    |
| Band25  | 20MHz     | QPSK       | 26365   | 100RB#0      | VL            | NT               | -2.30          | -0.001222       | PASS    |
| Band25  | 20MHz     | QPSK       | 26365   | 100RB#0      | VH            | NT               | -13.70         | -0.007278       | PASS    |

| Temperature |           |            |         |              |               |                  |                |                 |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Verdict |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | -30              | -12.30         | -0.006534       | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | -20              | -3.70          | -0.001965       | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | -10              | -10.10         | -0.005365       | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 0                | -5.40          | -0.002869       | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 10               | -5.00          | -0.002656       | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 20               | -6.90          | -0.003665       | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 30               | -6.60          | -0.003506       | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 40               | 0.80           | 0.000425        | PASS    |
| Band25      | 20MHz     | QPSK       | 26365   | 100RB#0      | NV            | 50               | -12.50         | -0.006640       | PASS    |

~The End~