

Appendix N: Test Data for E-UTRA Band 38

Product Name: GNSS Receiver

Test Model: Xbase

Environmental Conditions

|                    |              |
|--------------------|--------------|
| Temperature:       | 24.3°C       |
| Relative Humidity: | 56.4%        |
| ATM Pressure:      | 100.0 kPa    |
| Test Engineer:     | Zhang hai    |
| Supervised by:     | Fengliu Tang |

## N.1 Conducted Output Power Data

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 23.32       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12           | 23.69       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24           | 23.40       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0           | 22.46       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6           | 22.56       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13          | 22.52       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 22.52       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 22.60       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12           | 22.96       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24           | 22.68       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0           | 21.47       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6           | 21.58       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13          | 21.51       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 21.49       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 23.71       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12           | 23.99       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24           | 23.67       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0           | 22.75       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6           | 22.73       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13          | 22.74       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 22.73       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 22.82       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12           | 23.13       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24           | 22.75       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#0           | 21.64       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#6           | 21.72       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#13          | 21.64       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 21.70       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | 23.46       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12           | 23.79       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24           | 23.49       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#0           | 22.54       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#6           | 22.64       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#13          | 22.58       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 22.58       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | 22.76       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#12           | 23.29       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#24           | 22.80       | PASS    |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#0  | 21.47 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 21.60 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 21.50 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 21.57 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 23.50 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 23.74 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 23.68 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 22.62 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 22.65 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 22.69 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 22.58 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 22.79 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 23.16 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 22.94 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 21.63 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 21.64 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 21.71 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 21.57 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 23.84 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 23.93 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 23.70 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 22.83 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 22.77 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 22.76 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 22.80 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 22.65 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 22.80 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 22.52 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 21.76 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 21.74 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 21.72 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 21.75 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 23.52 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 23.68 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 23.53 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 22.57 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 22.60 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 22.65 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 22.58 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 22.76 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 23.12 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 22.87 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 21.61 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 21.58 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 21.66 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 21.54 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 23.46 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 23.69 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 23.68 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 22.68 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 22.75 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 22.82 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 22.69 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 22.75 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 23.11 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 22.99 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.68 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.73 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.79 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 21.70 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 23.88 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 23.87 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 23.70 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 22.87 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 22.84 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 22.82 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 22.85 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 22.80 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 22.96 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 22.60 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 21.77 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.76 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.71 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 21.78 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 23.47 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 23.55 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 23.49 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 22.62 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 22.67 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 22.67 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 22.65 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 22.77 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 22.97 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 22.79 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 21.58 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.61 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.62 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 21.62 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 23.38 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 23.89 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 23.62 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 22.59 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 22.70 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 22.75 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 22.69 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 22.47 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 23.07 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 22.71 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 21.57 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 21.73 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 21.76 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 21.69 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 23.66 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 23.95 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 23.41 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 22.75 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 22.77 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 22.68 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 22.65 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 22.25 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 23.03 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 22.00 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 21.73 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 21.81 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 21.73 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 21.73 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 23.41 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 23.72 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 23.32 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 22.51 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 22.54 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 22.54 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 22.50 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 22.56 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 22.90 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 22.51 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 21.49 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 21.58 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 21.63 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 21.42 | PASS |
|--------|-------|-------|-------|---------|-------|------|

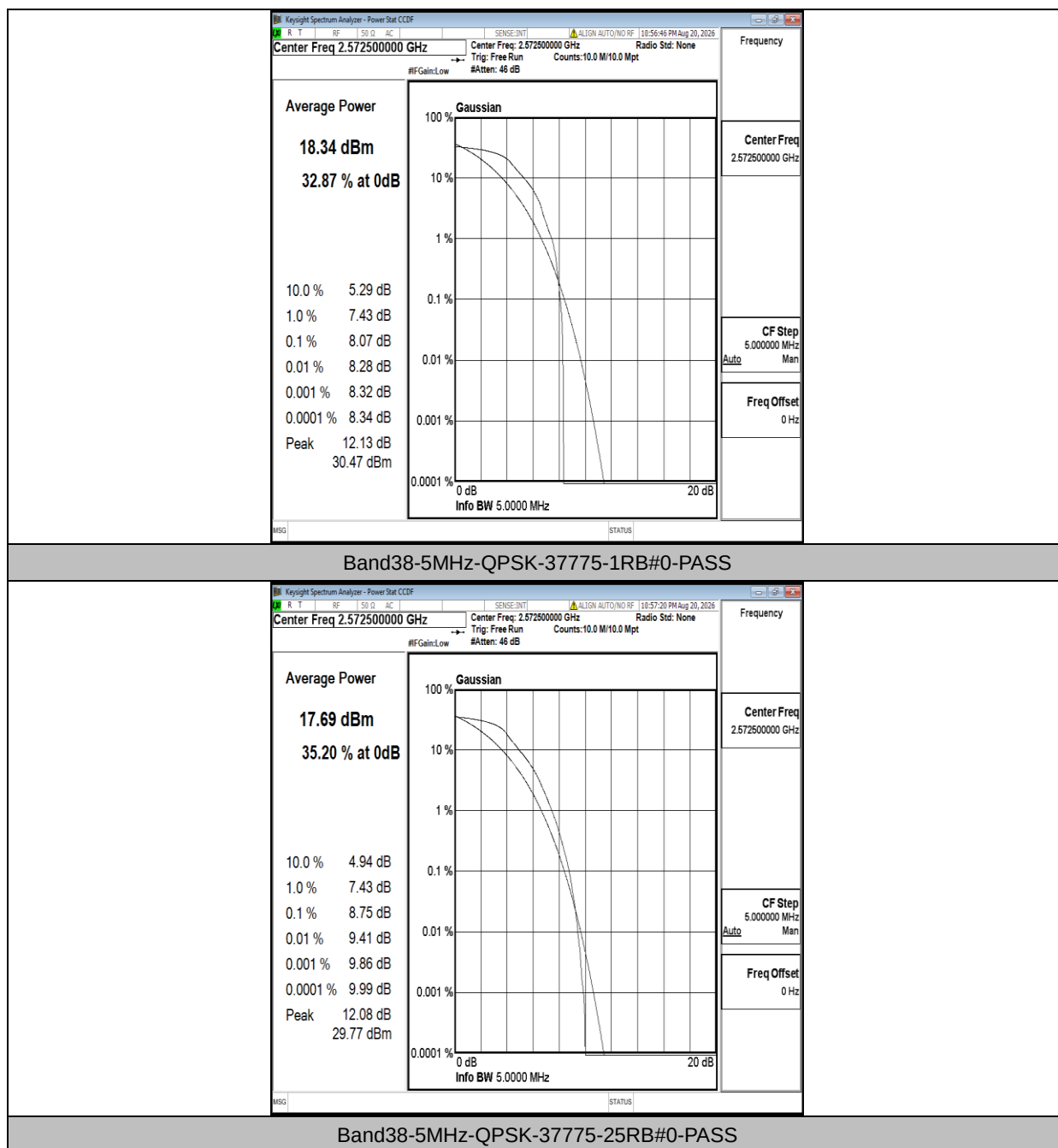
## N.2 Peak-to-Average Ratio(CCDF)

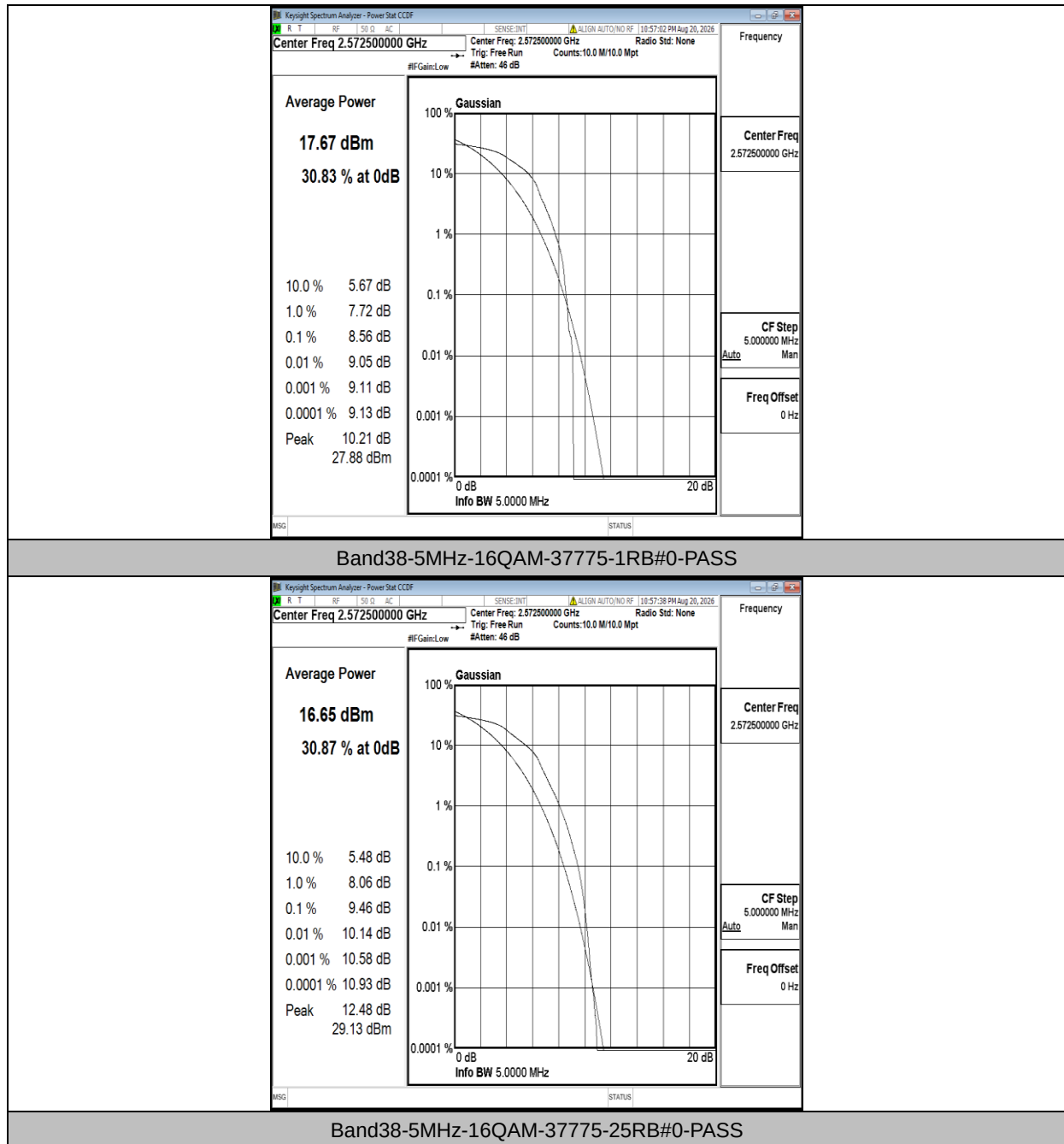
### Test Result

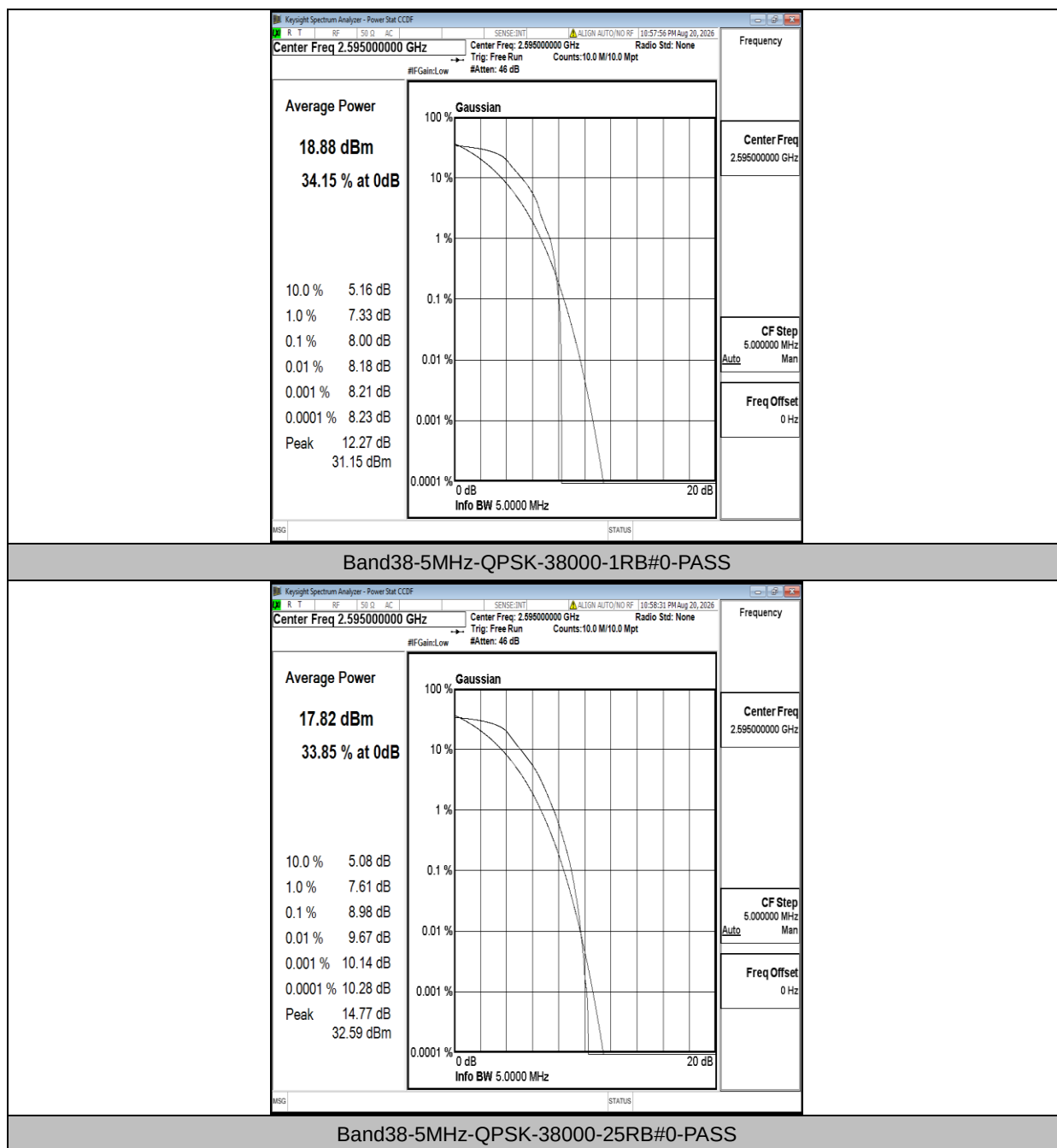
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 8.07       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 8.75       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 8.56       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 9.46       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 8.00       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 8.98       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 8.79       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 9.59       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | 7.65       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 9.10       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | 8.67       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 9.62       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 1RB#0            | 7.91       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 9.06       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 1RB#0            | 8.78       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 9.64       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 1RB#0            | 7.98       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 9.04       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 1RB#0            | 8.79       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 9.68       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 1RB#0            | 7.84       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 9.01       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 1RB#0            | 8.86       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 9.59       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 1RB#0            | 8.12       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 8.77       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 1RB#0            | 8.86       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 9.53       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 1RB#0            | 8.38       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 8.80       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 1RB#0            | 8.81       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 9.81       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 1RB#0            | 8.10       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 9.20       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 1RB#0            | 9.17       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 9.81       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 1RB#0            | 7.63       | 13        | PASS    |

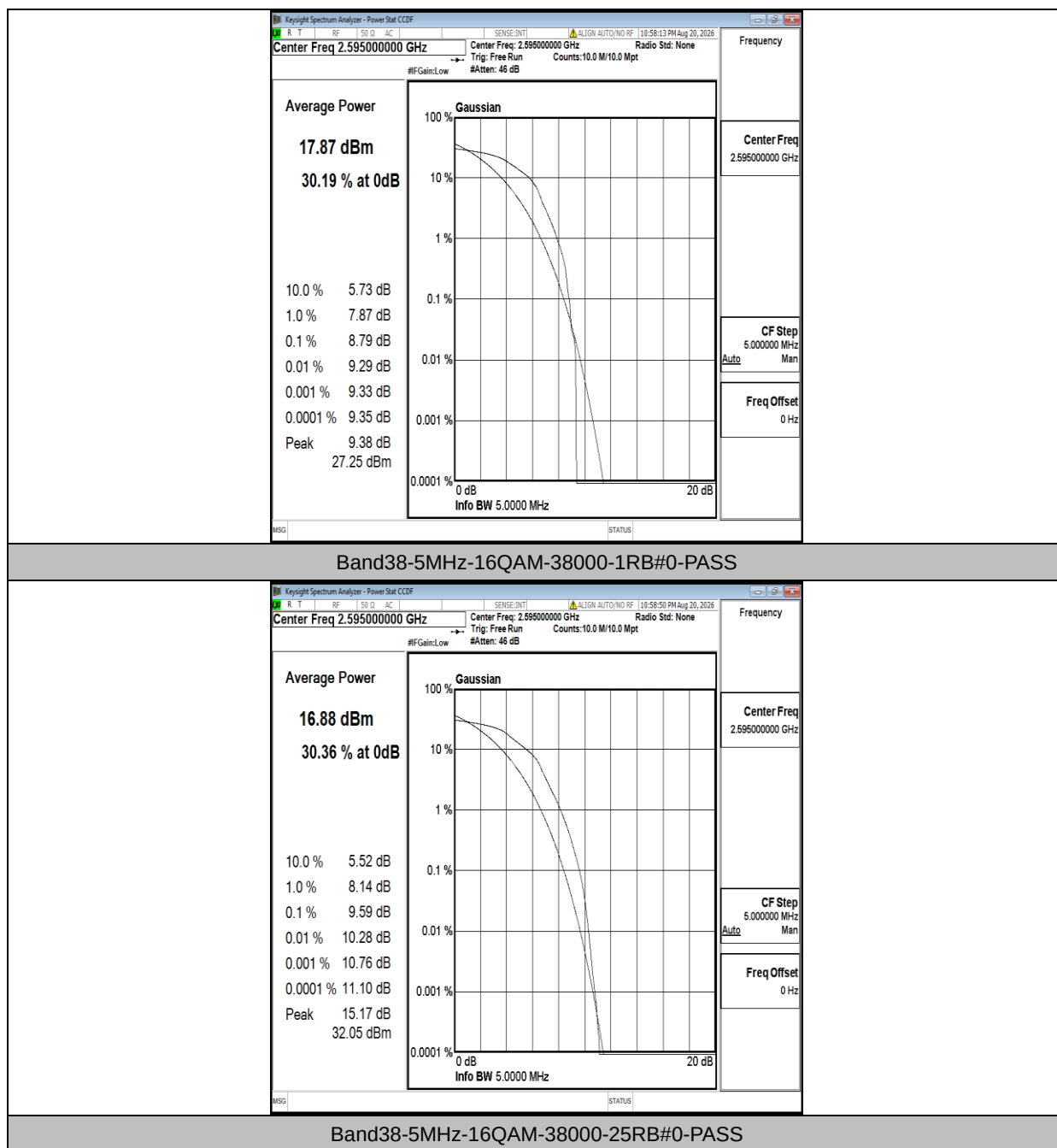
|        |       |       |       |         |      |    |      |
|--------|-------|-------|-------|---------|------|----|------|
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 8.69 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 8.45 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 9.58 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 7.88 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 8.98 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 8.70 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 9.92 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 8.09 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 8.29 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 8.94 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 9.49 | 13 | PASS |

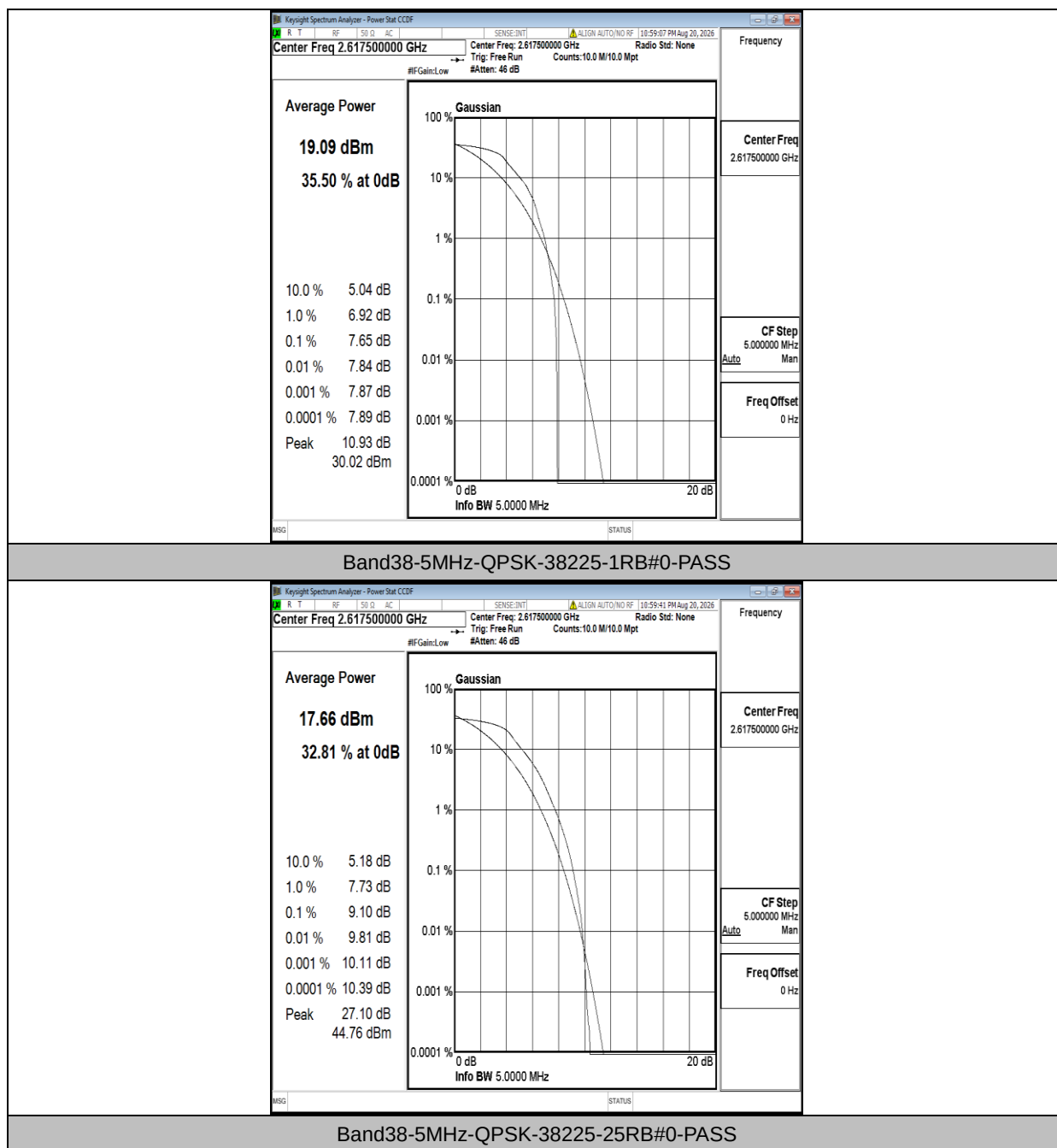
## Test Graphs

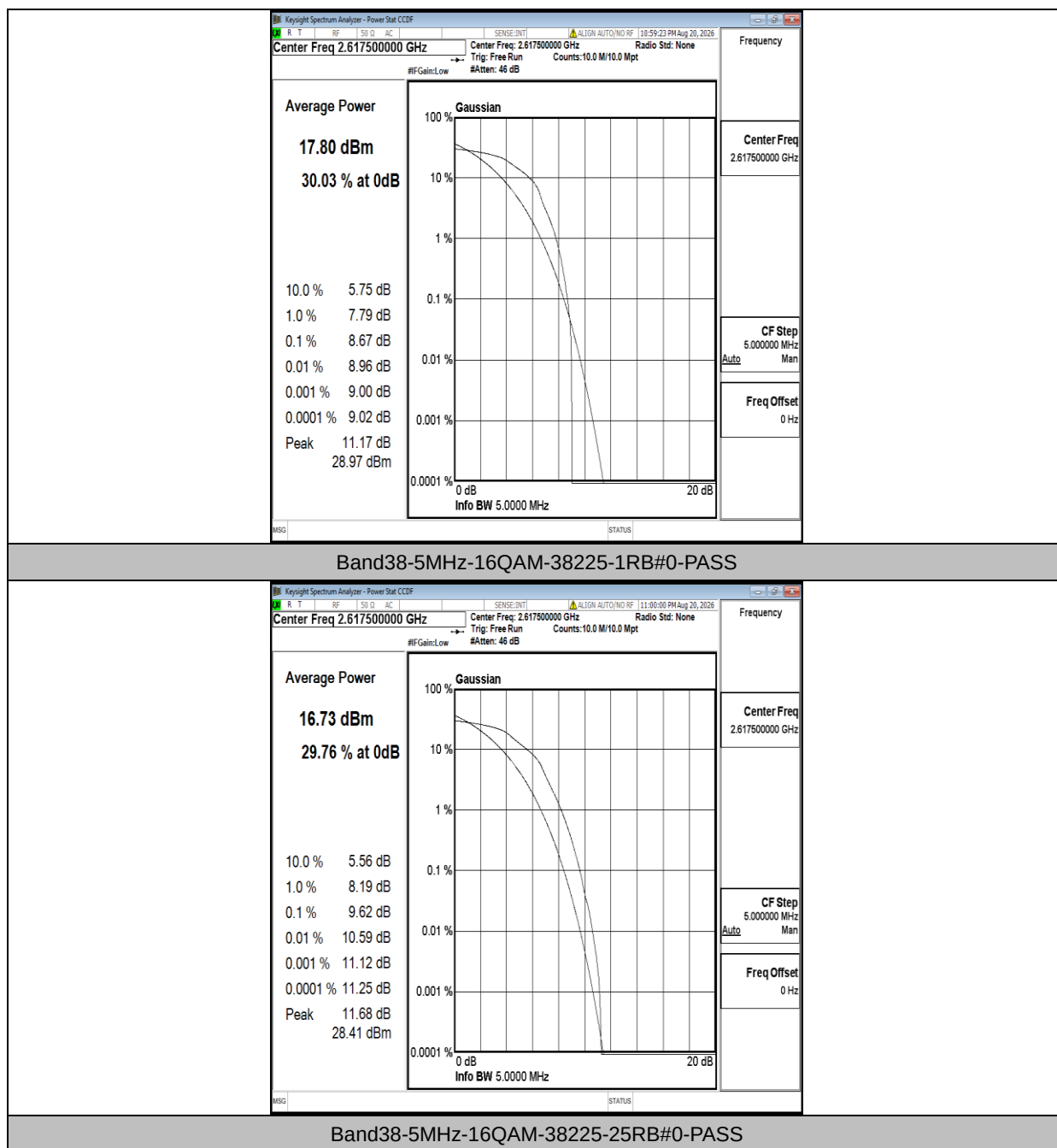


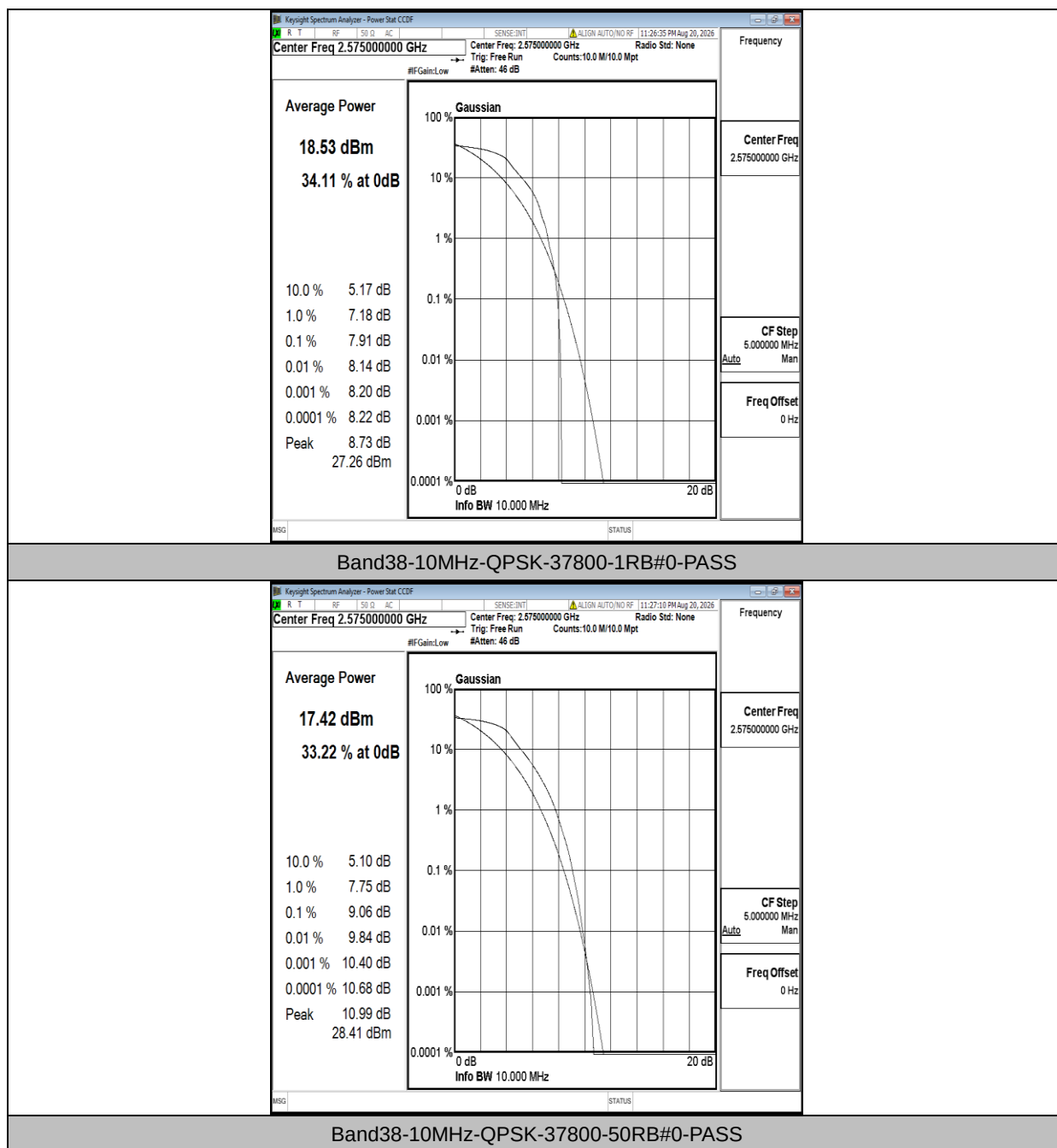


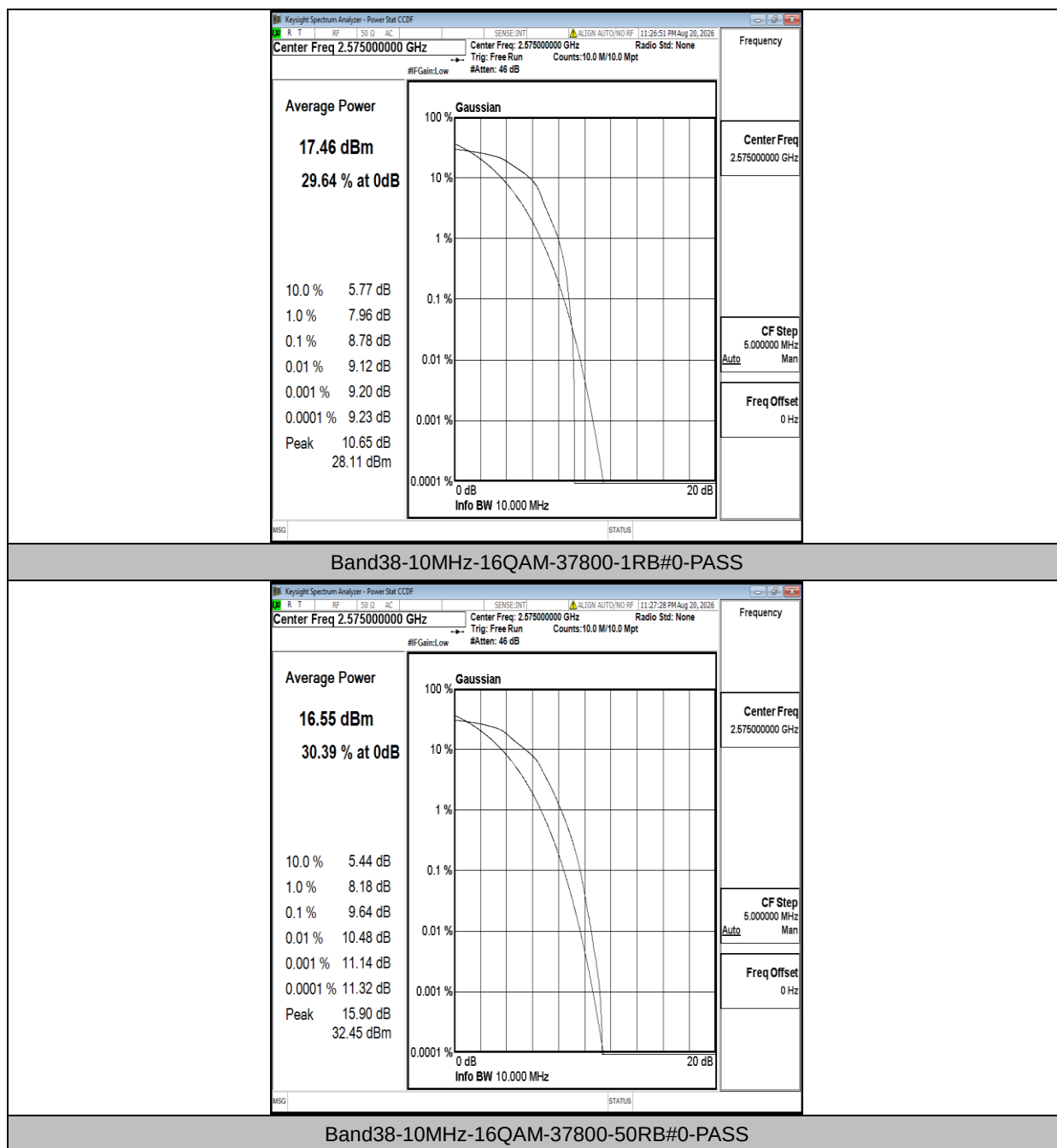


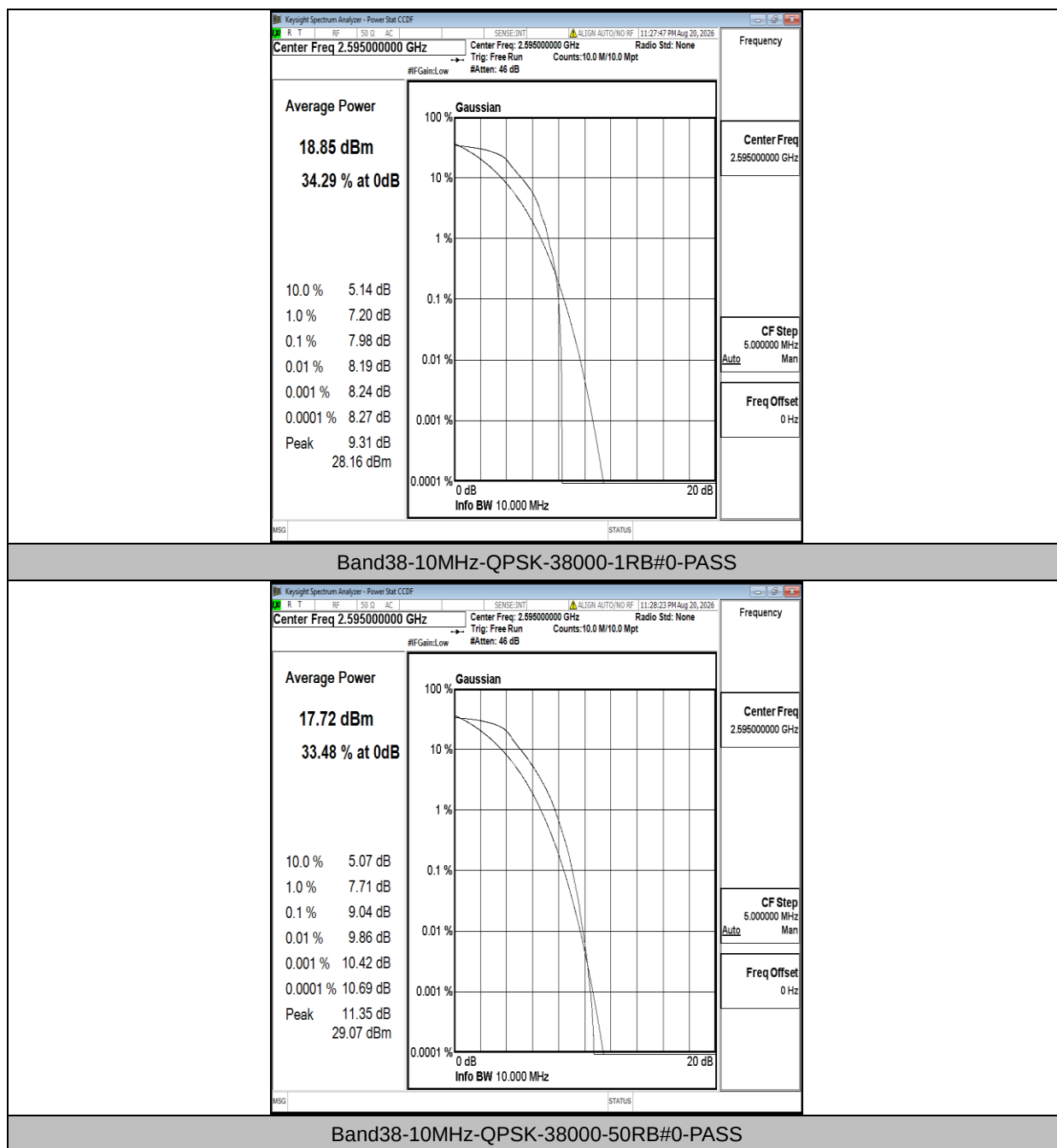


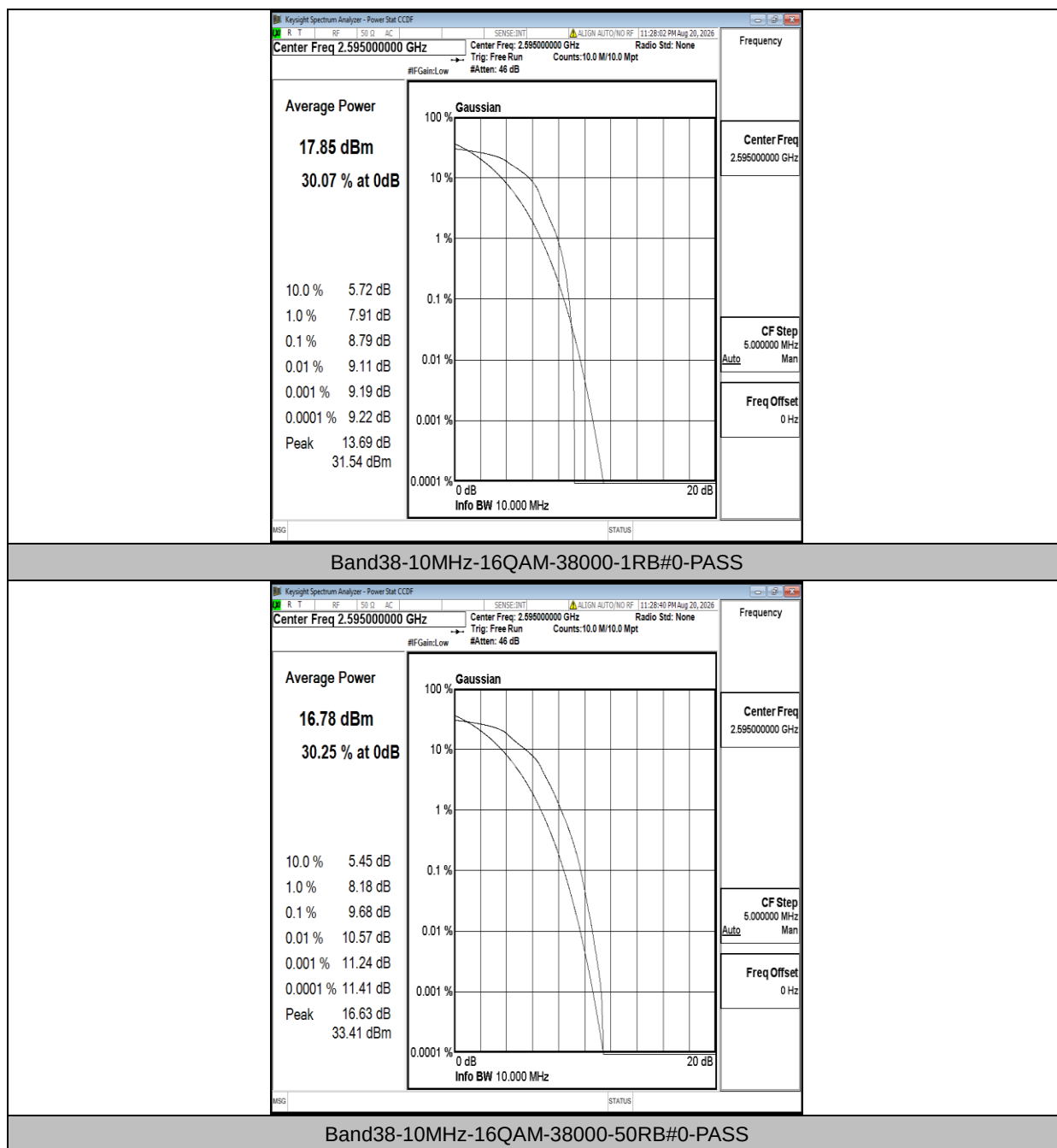


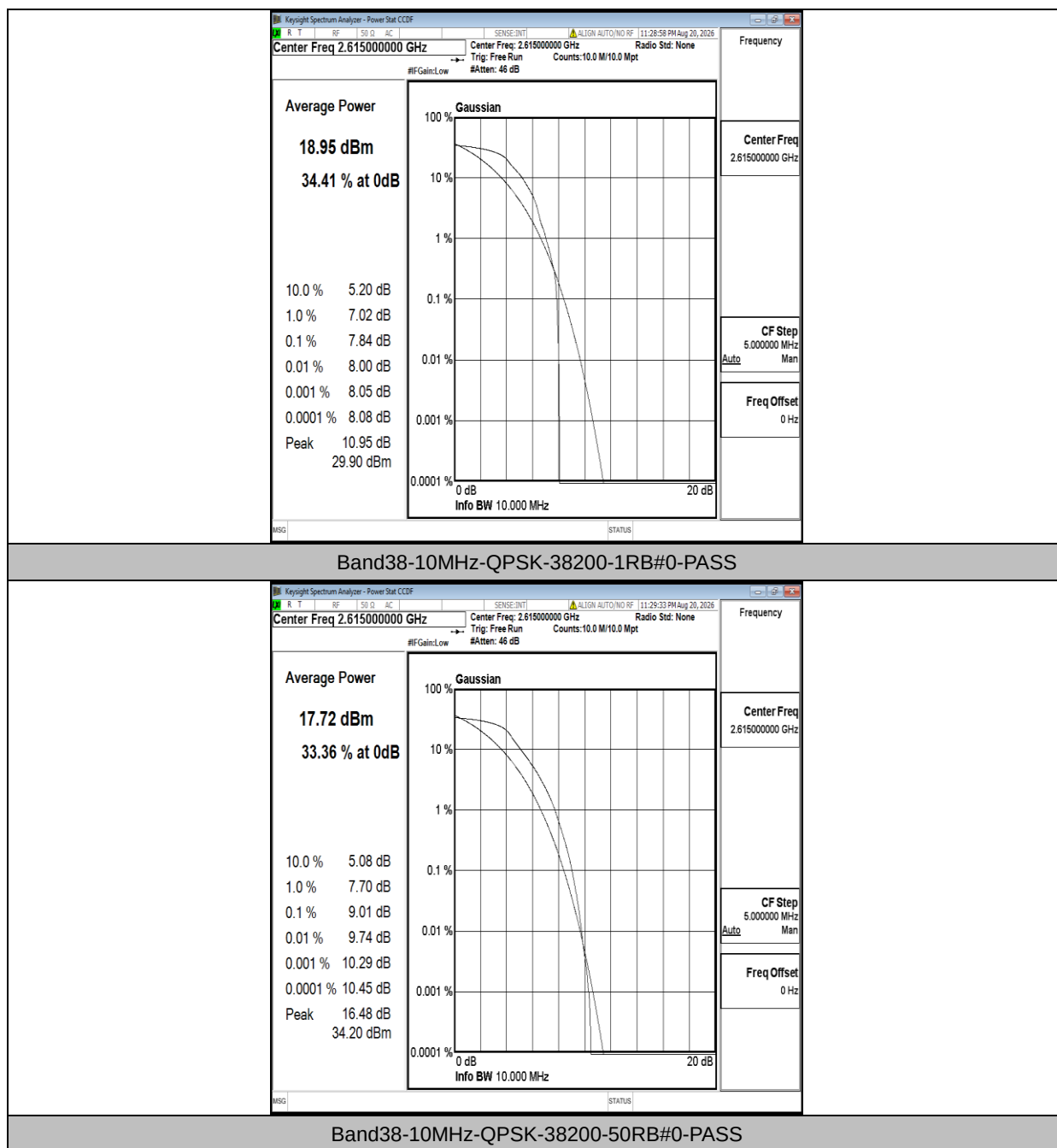


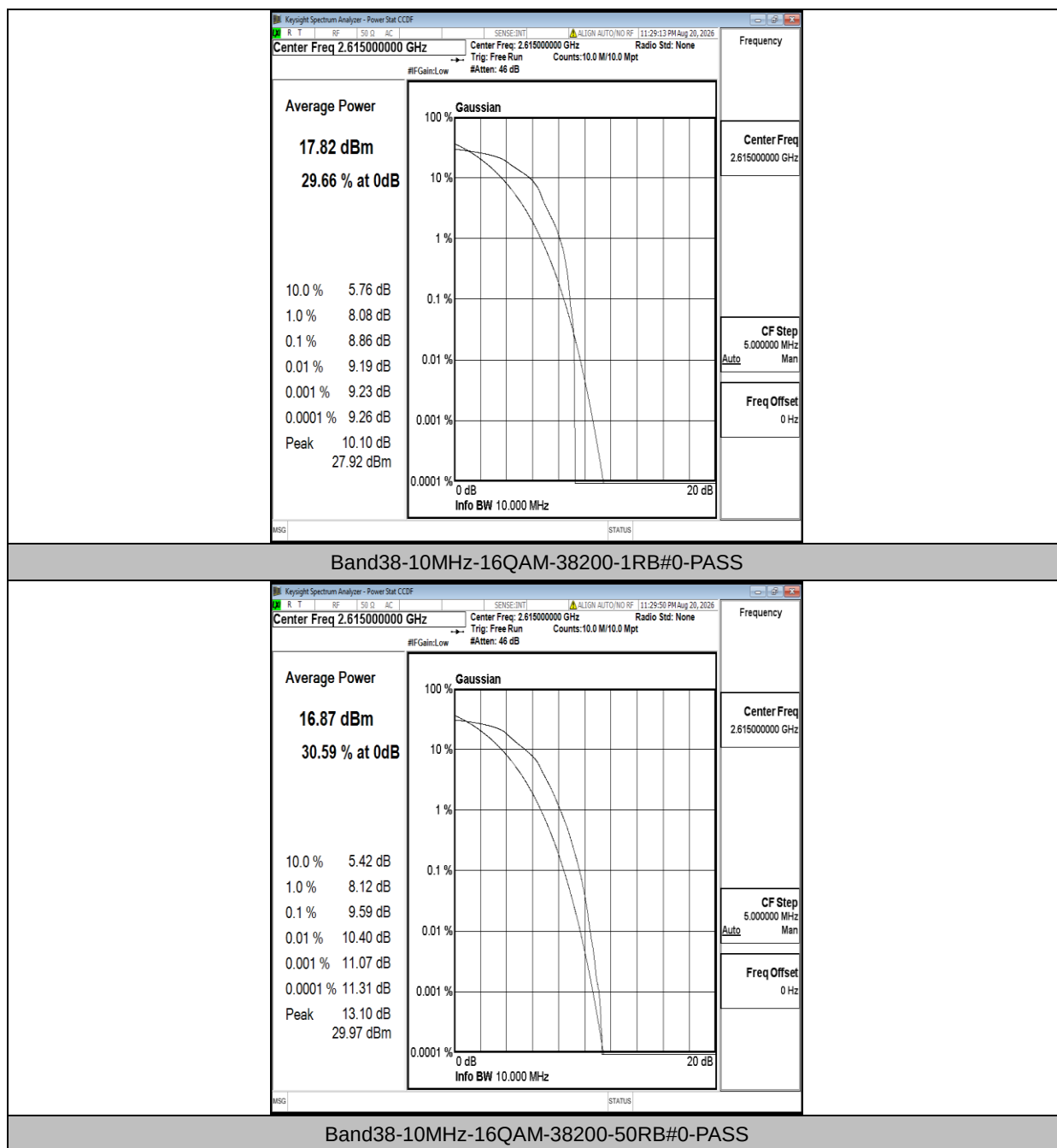


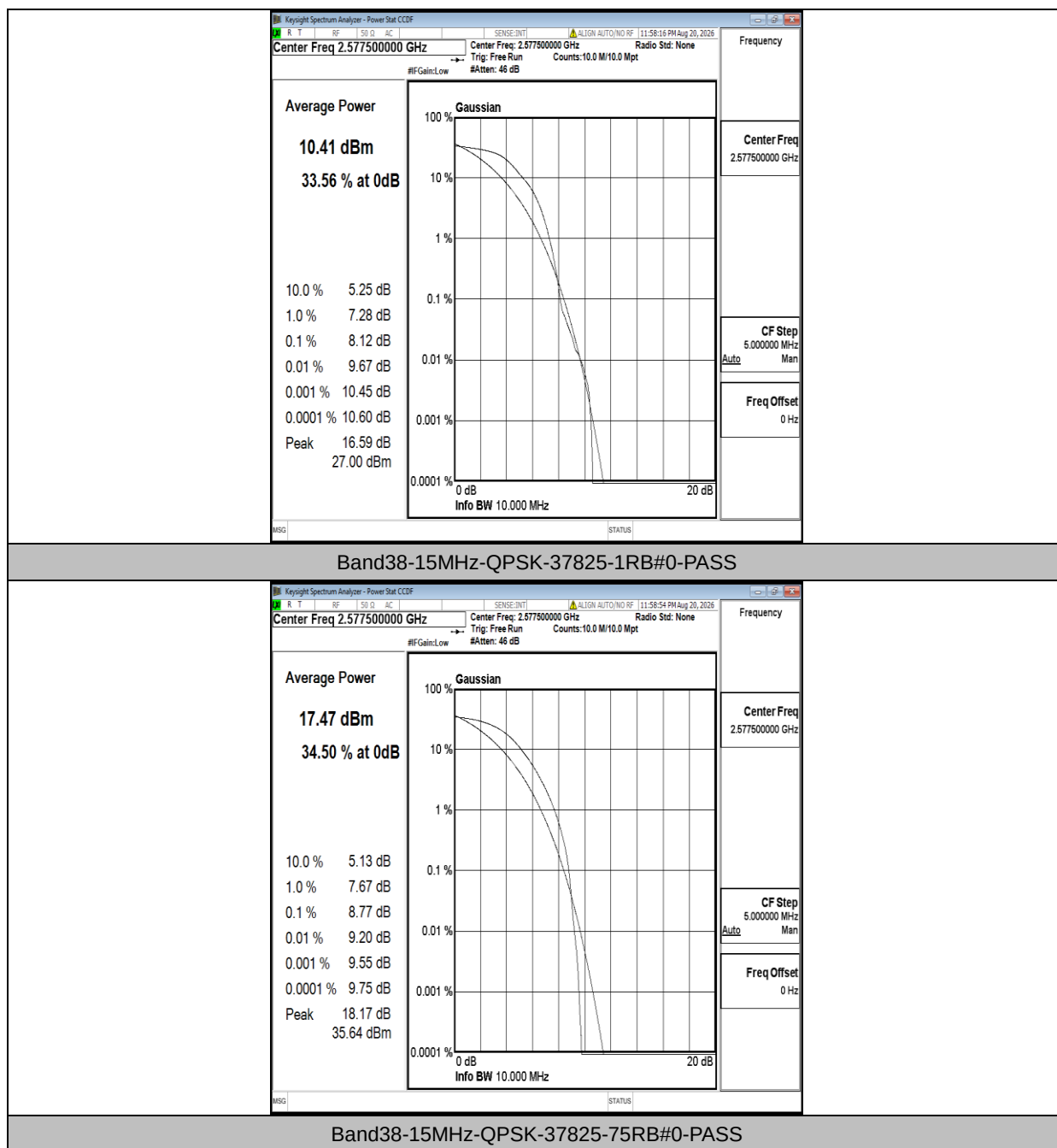


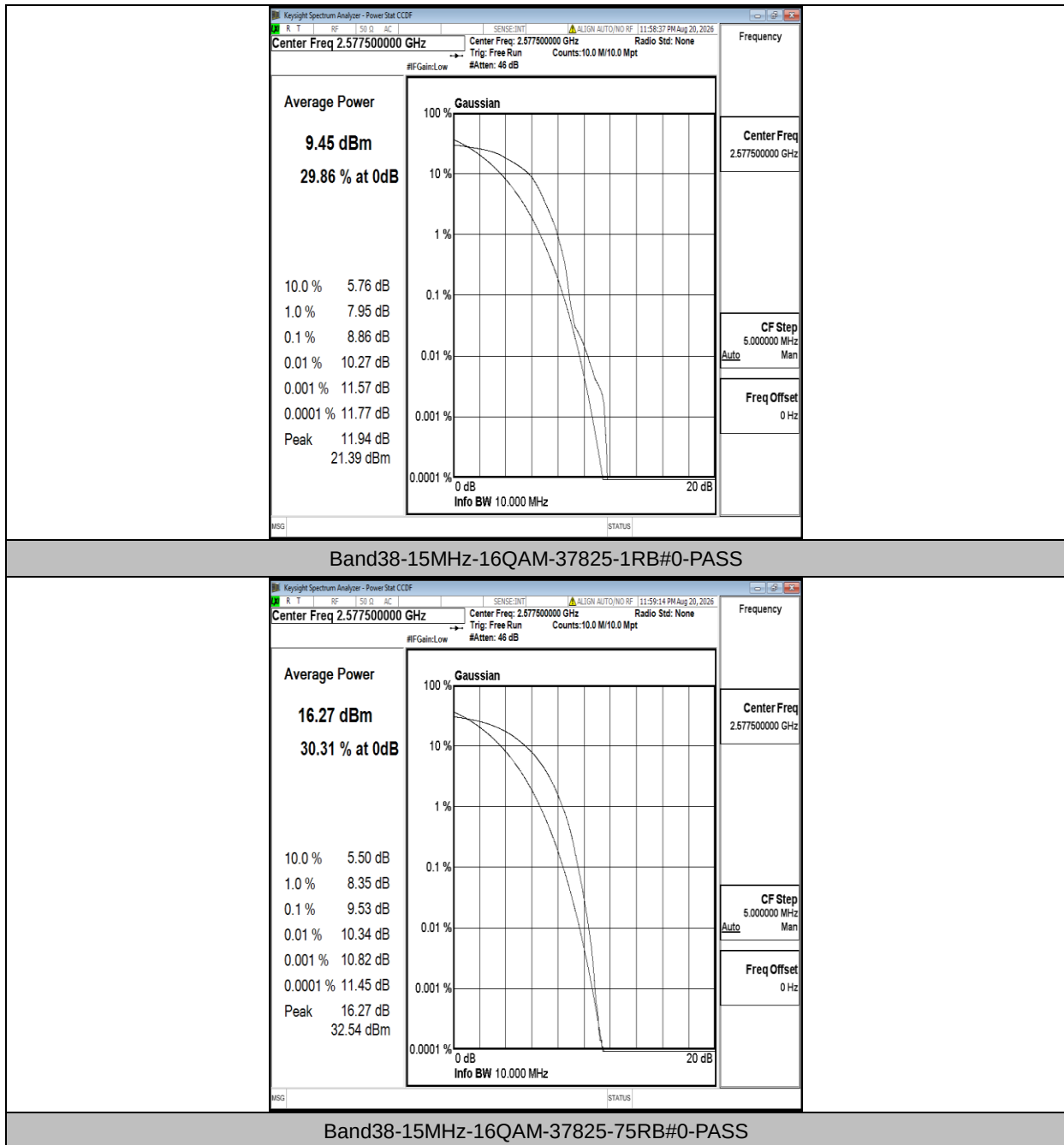


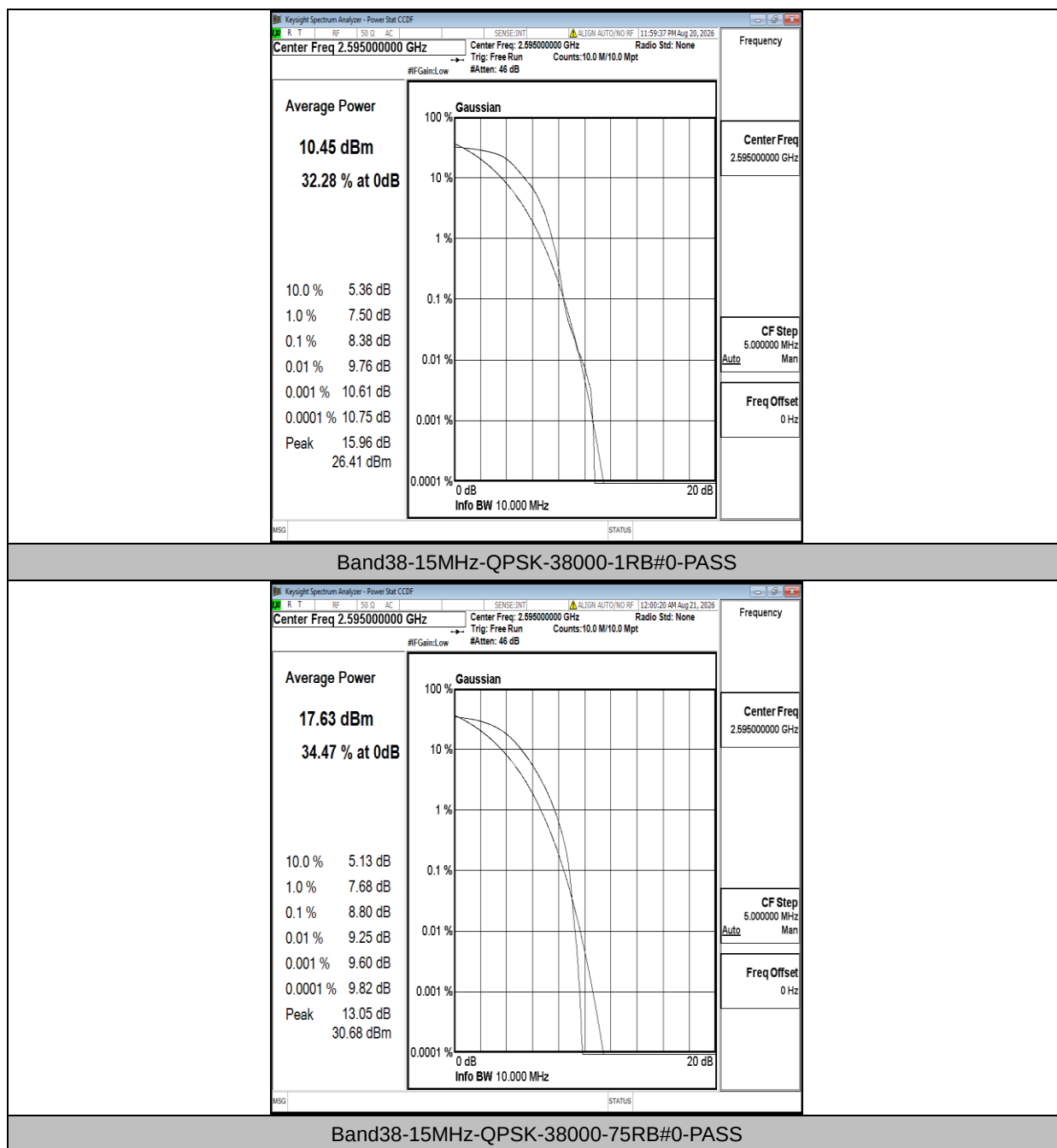


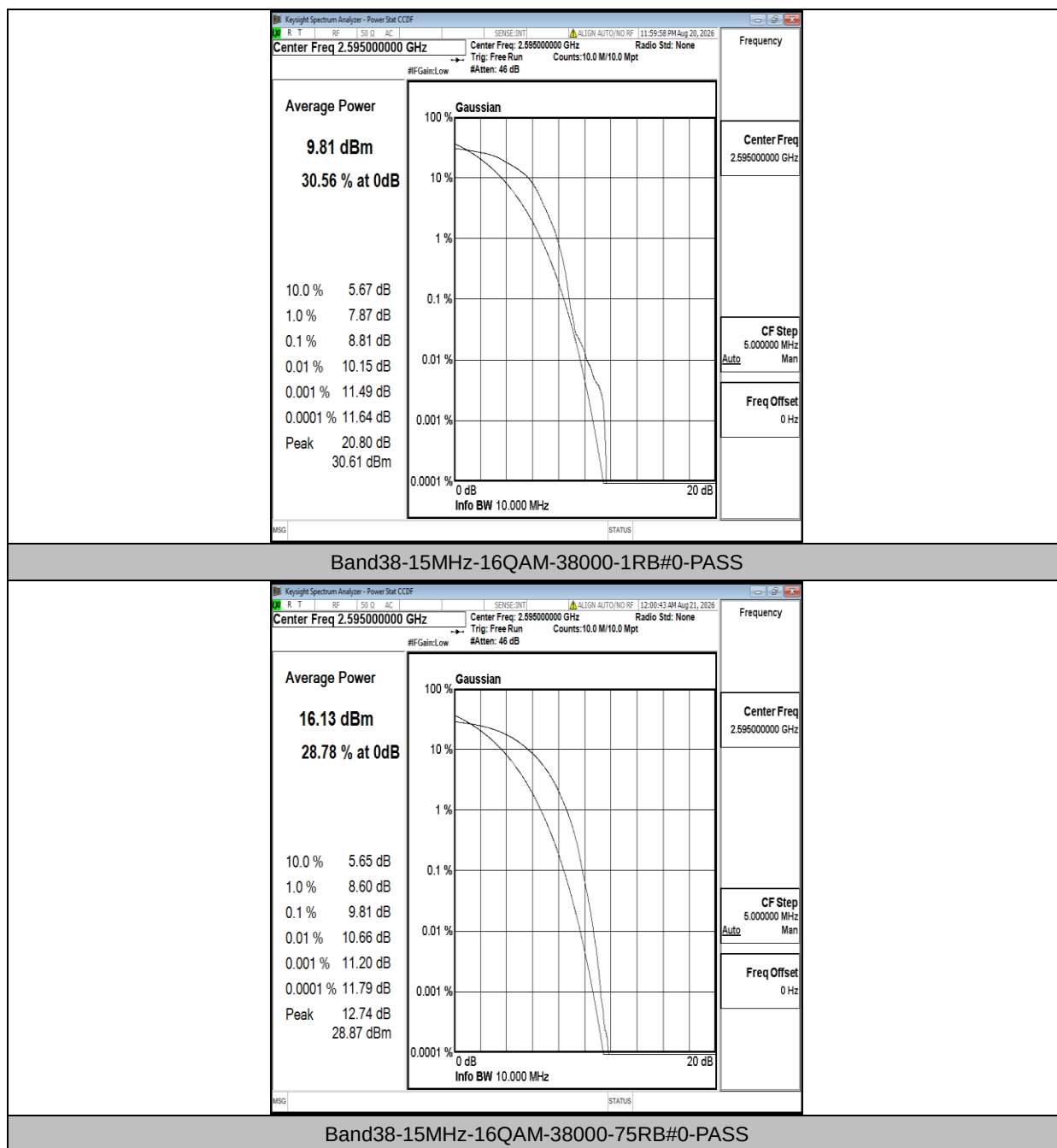


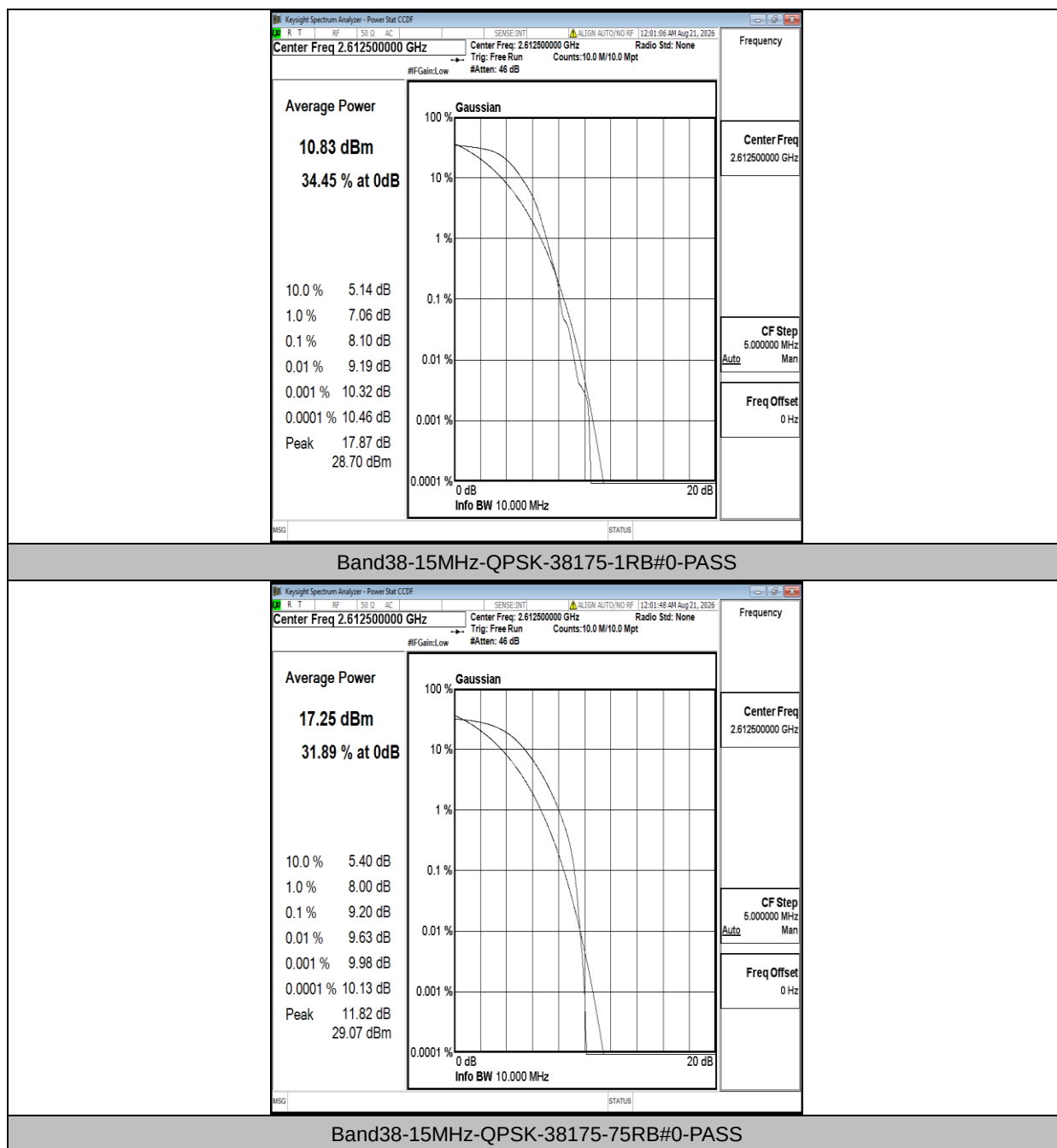


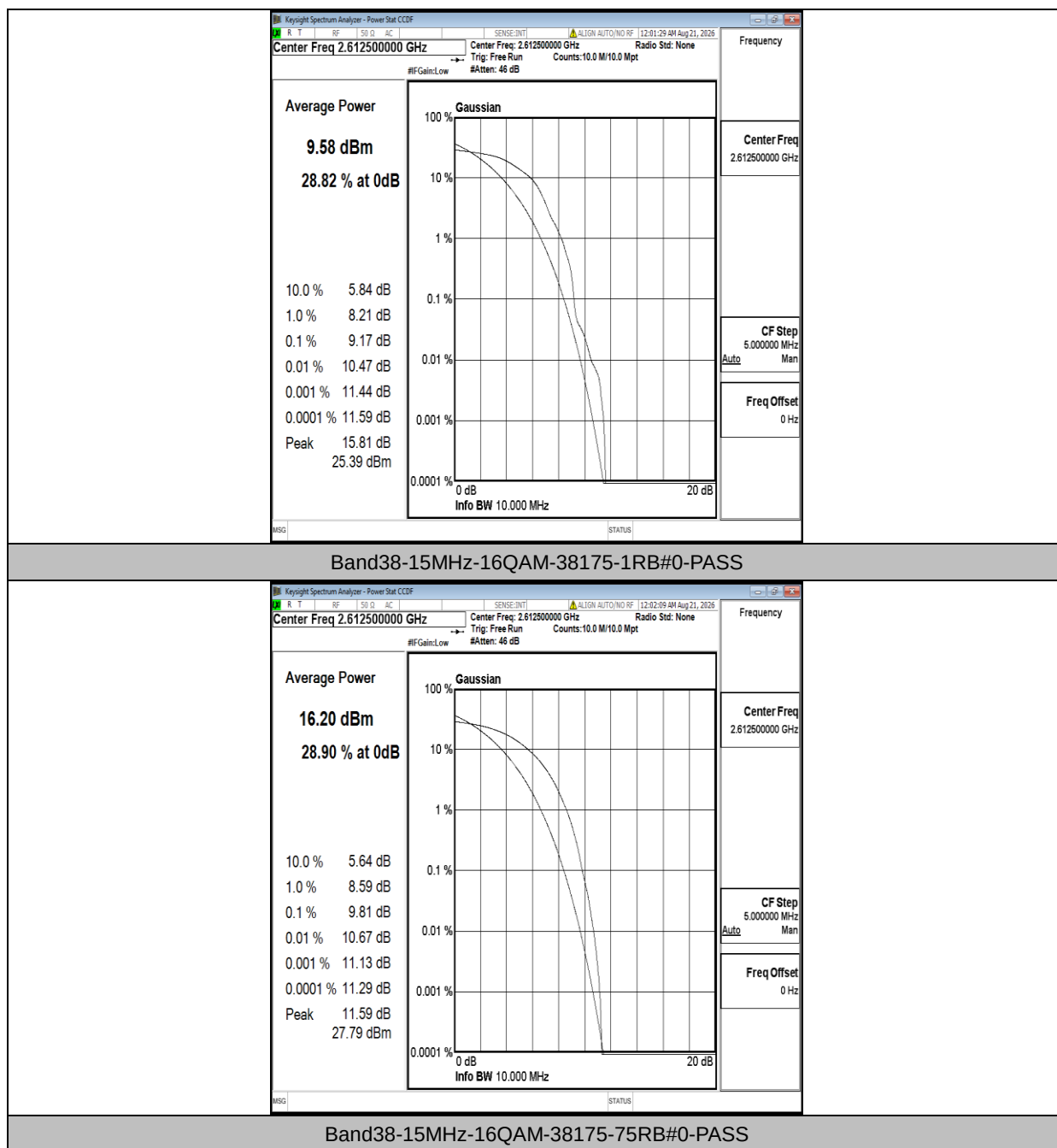


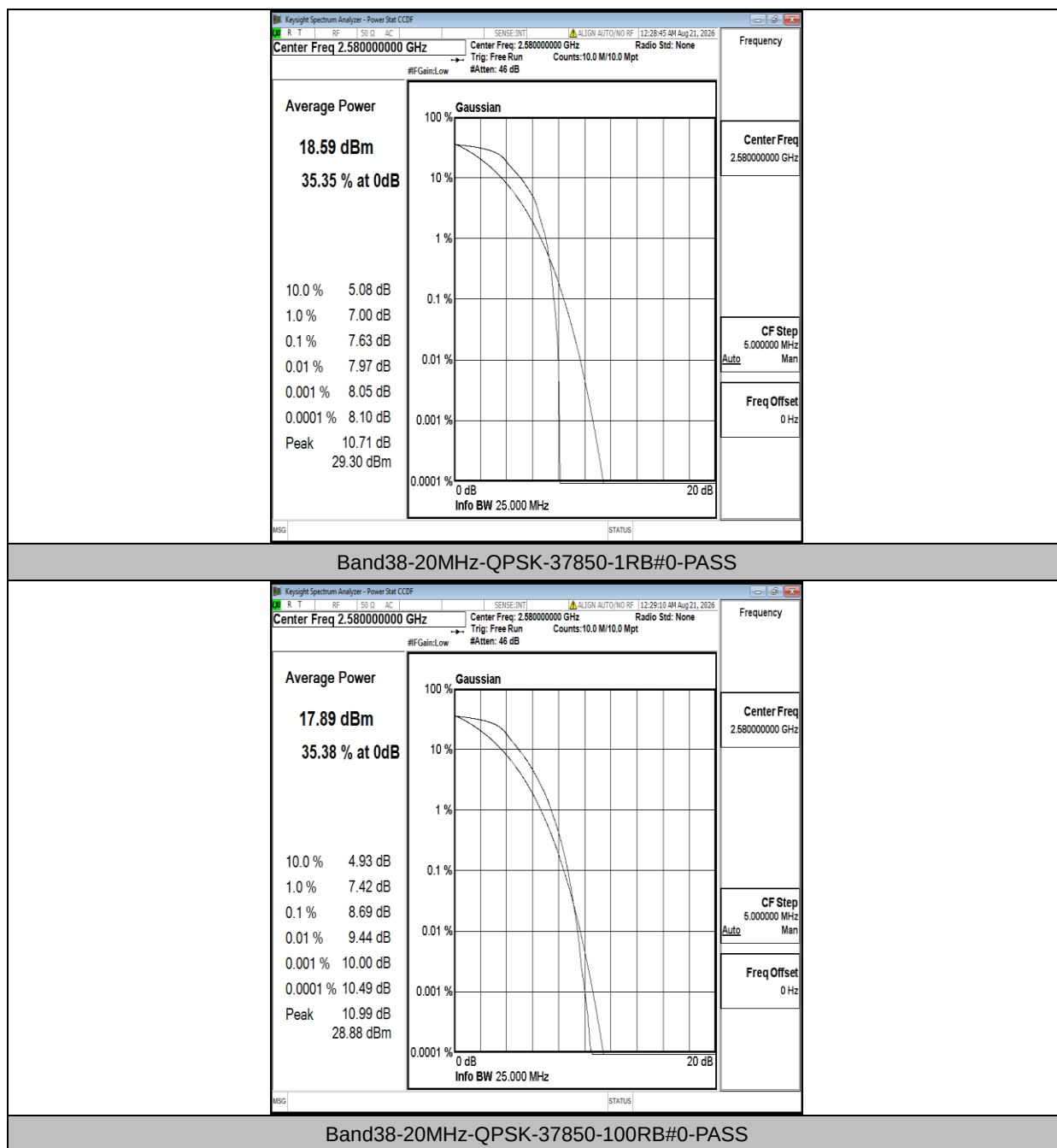


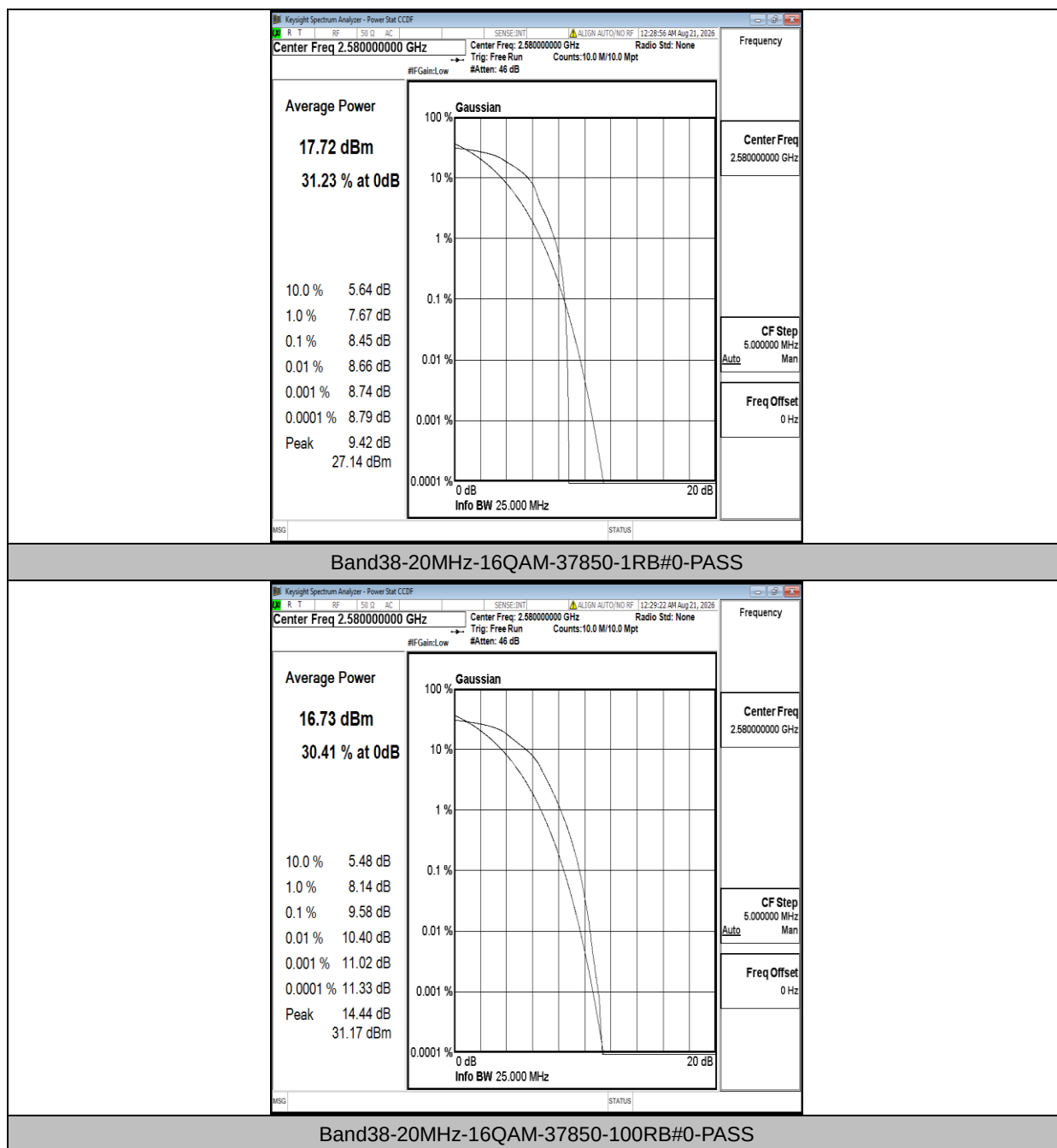


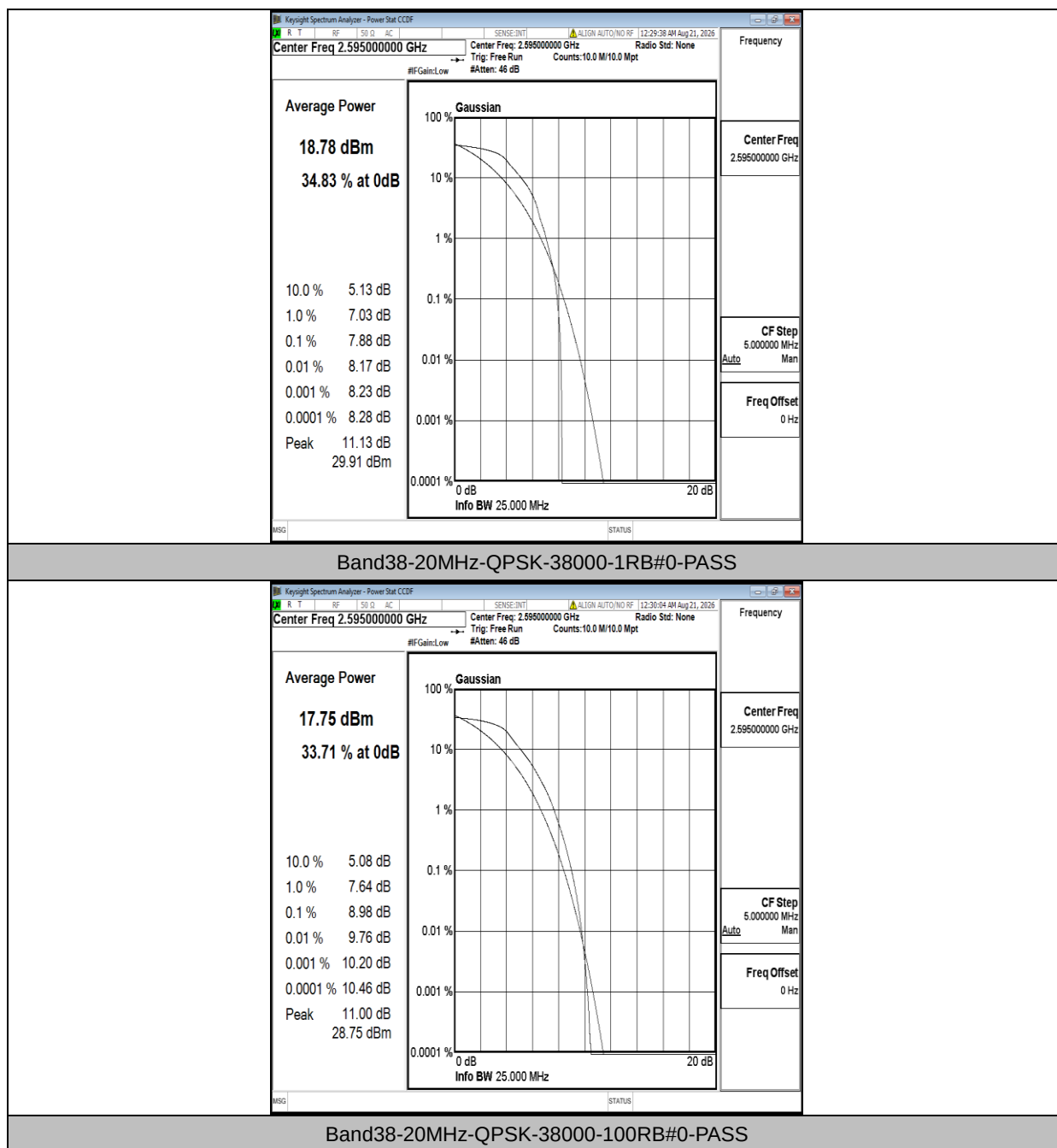


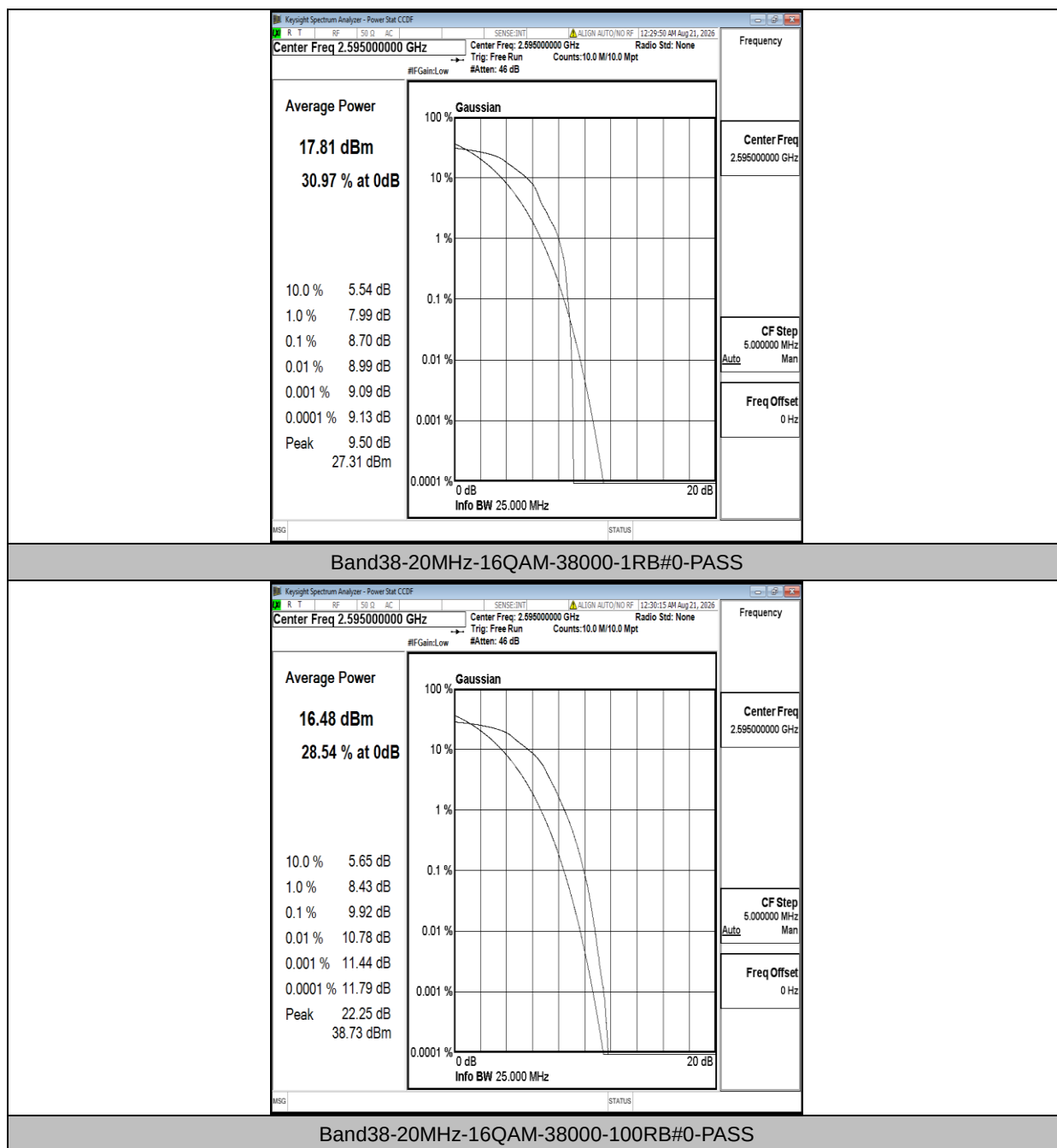


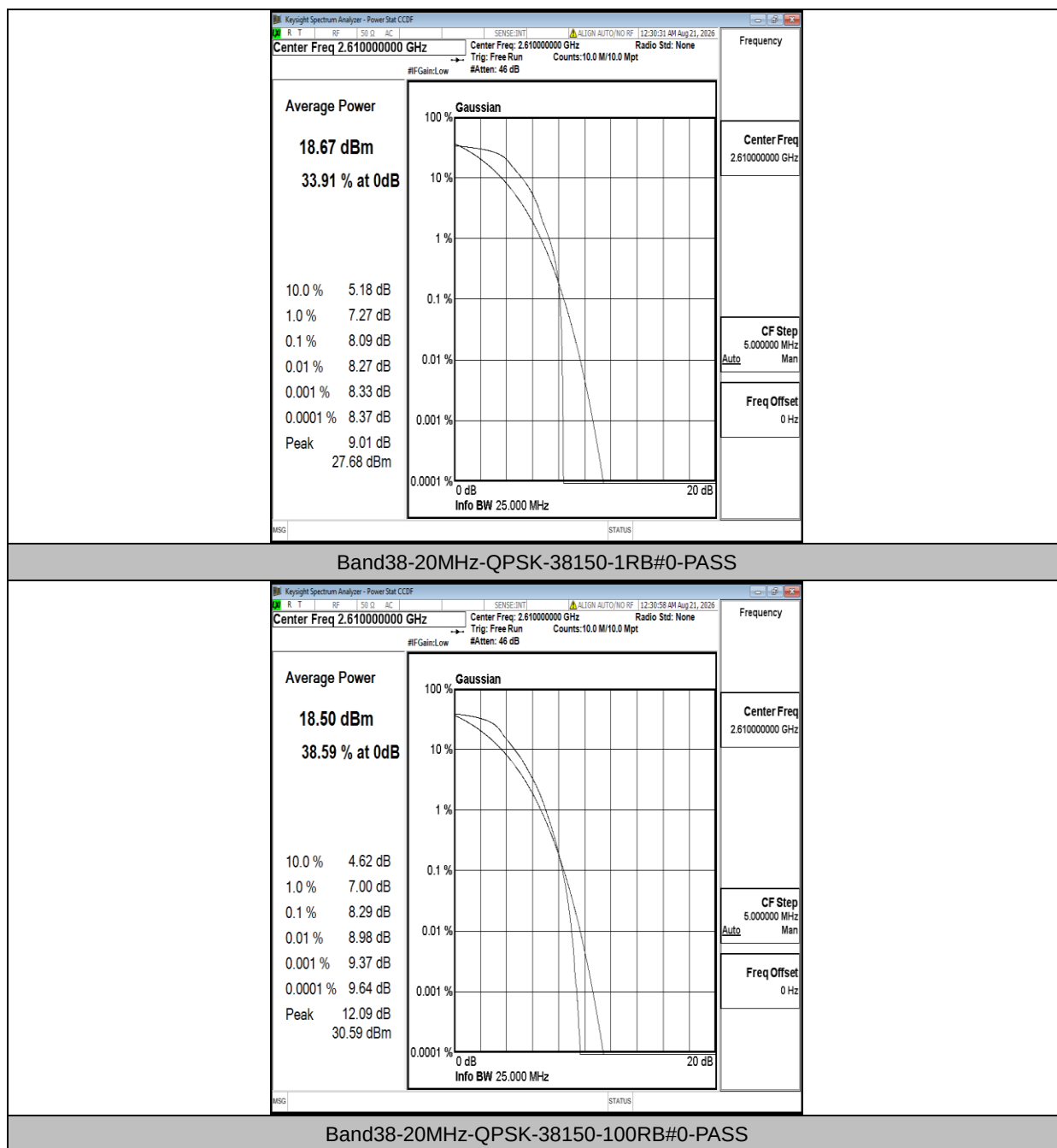


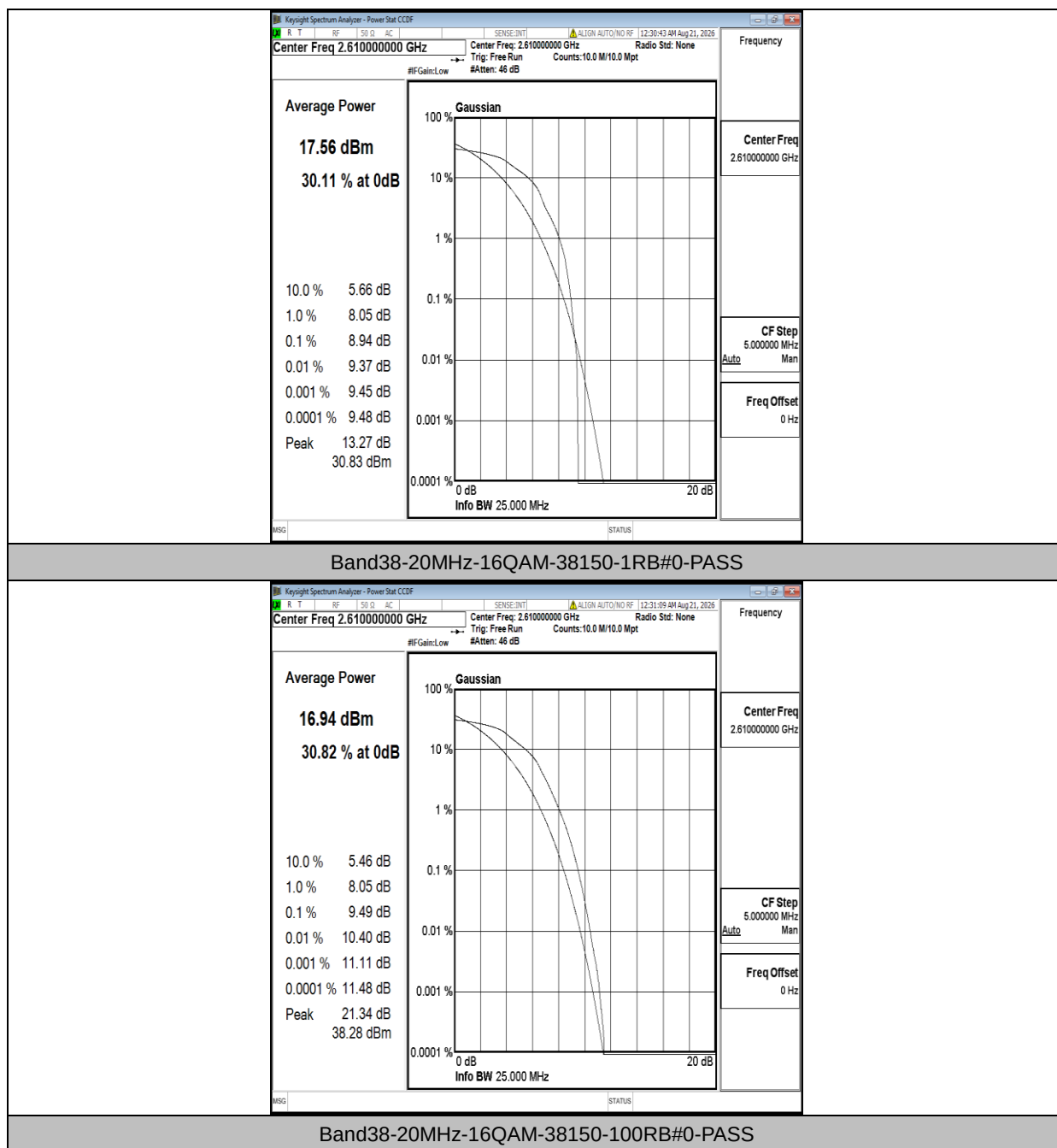










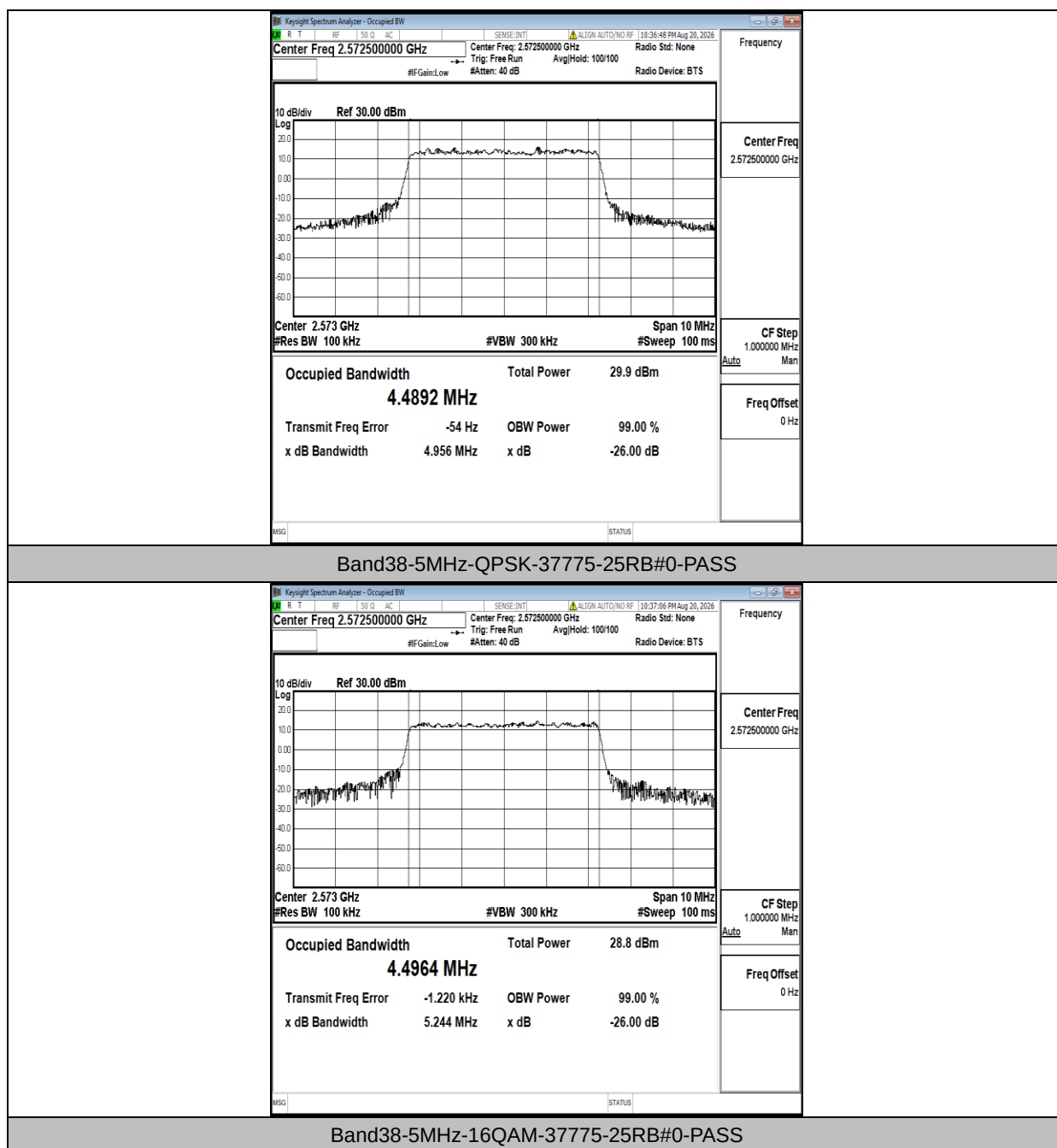


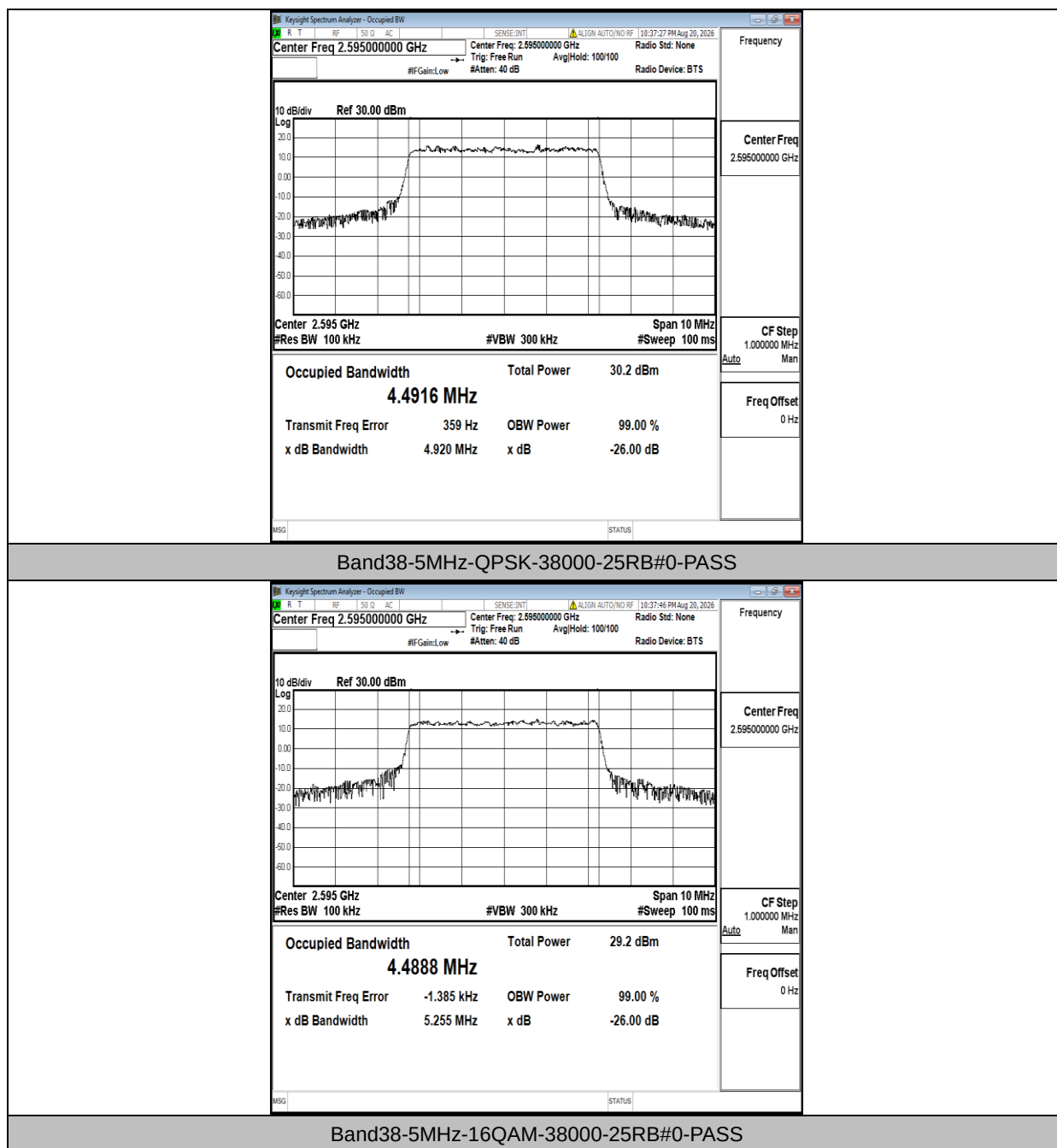
## N.3 26dB Bandwidth and Occupied Bandwidth

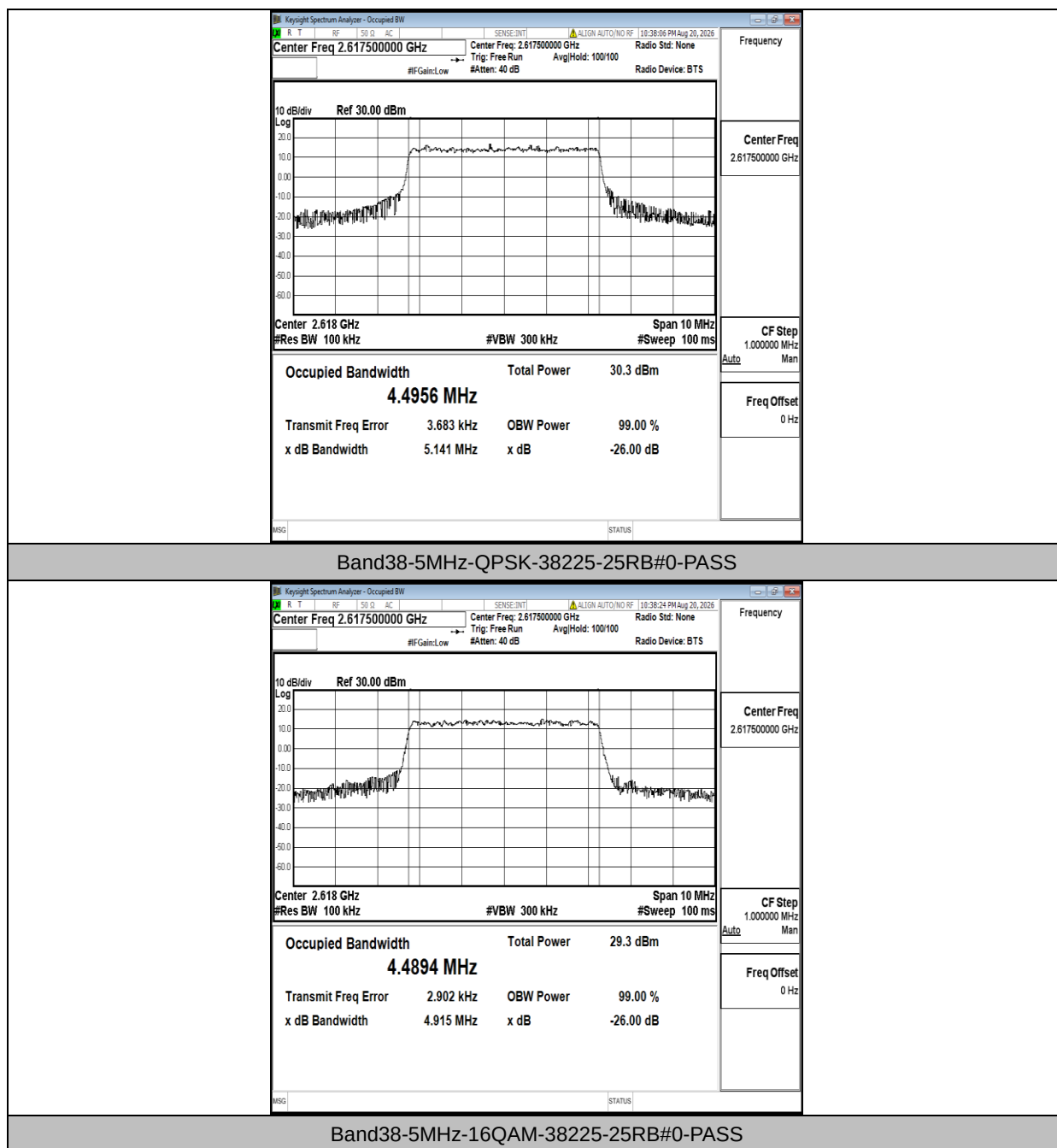
### Test Result

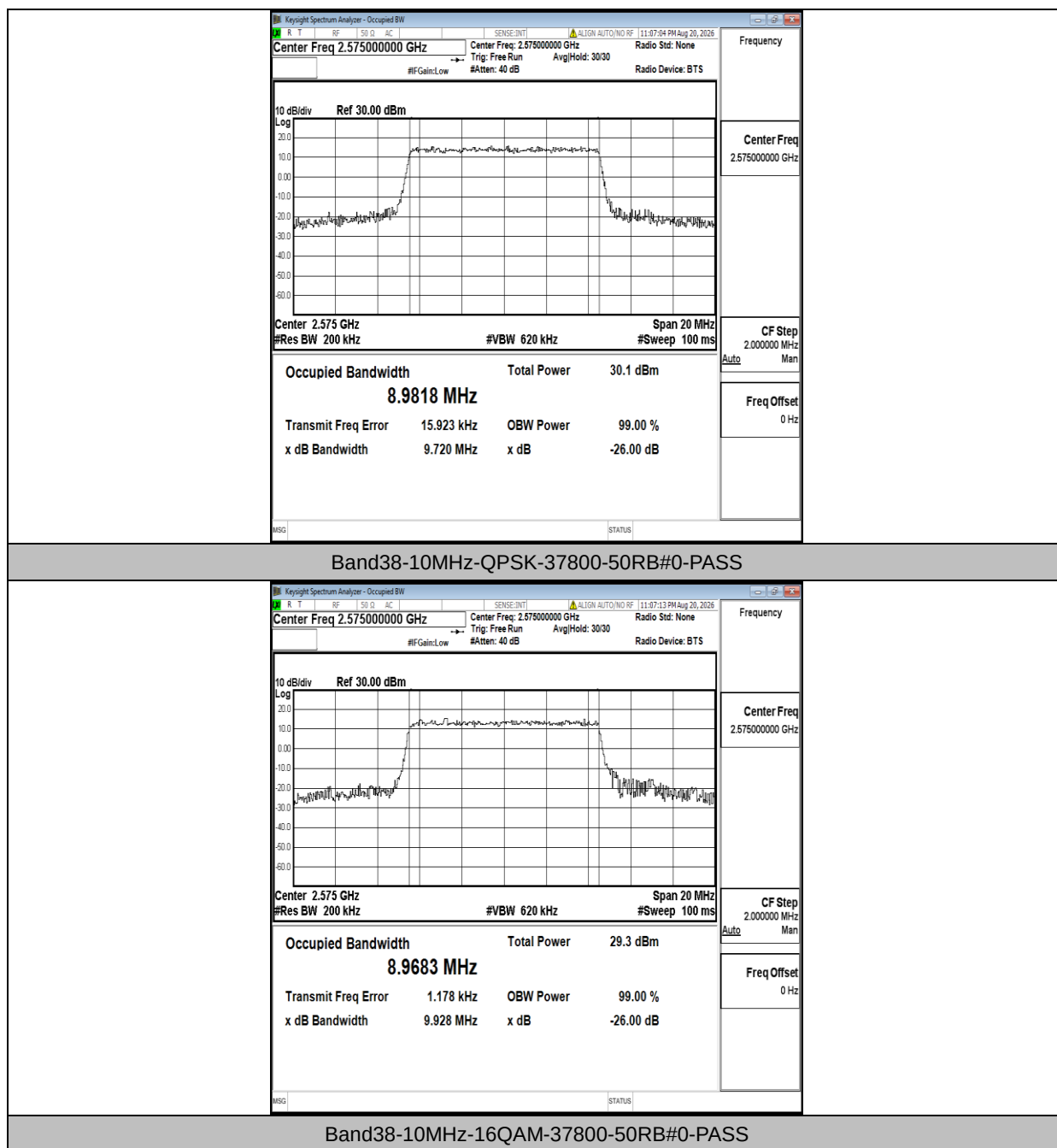
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 4.4892                   | 4.956                | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 4.4964                   | 5.244                | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.4916                   | 4.920                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 4.4888                   | 5.255                | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 4.4956                   | 5.141                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 4.4894                   | 4.915                | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 8.9818                   | 9.720                | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 8.9683                   | 9.928                | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 8.9881                   | 9.772                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 8.9663                   | 9.811                | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 8.9936                   | 10.42                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 8.9831                   | 10.71                | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 13.477                   | 15.17                | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 13.498                   | 15.88                | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 13.485                   | 15.28                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 13.497                   | 15.89                | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 13.447                   | 15.24                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 13.516                   | 15.75                | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 17.991                   | 19.41                | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 17.946                   | 19.66                | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 17.966                   | 20.55                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 17.927                   | 19.91                | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 17.935                   | 19.90                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 17.951                   | 20.05                | PASS    |

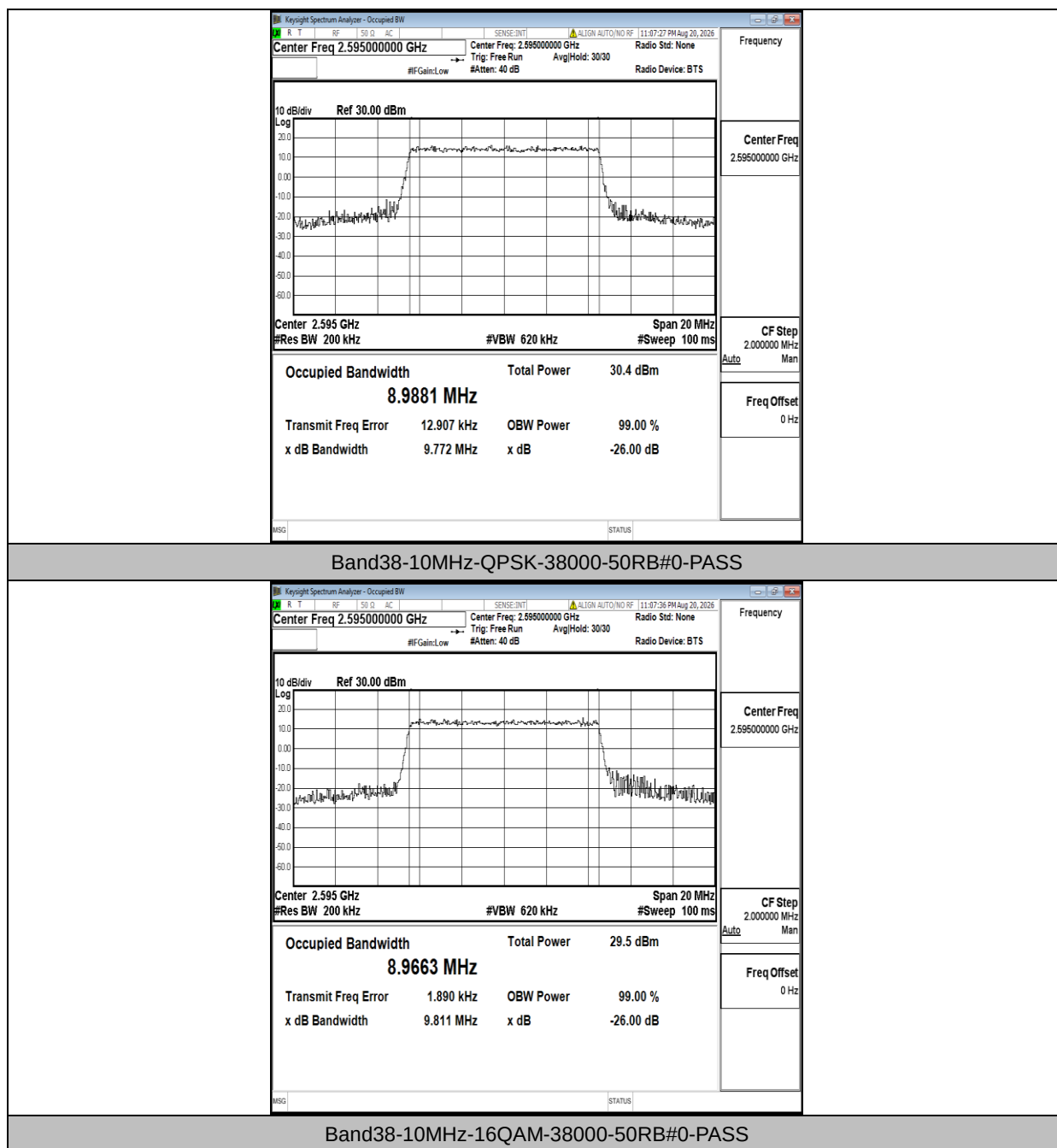
## Test Graphs

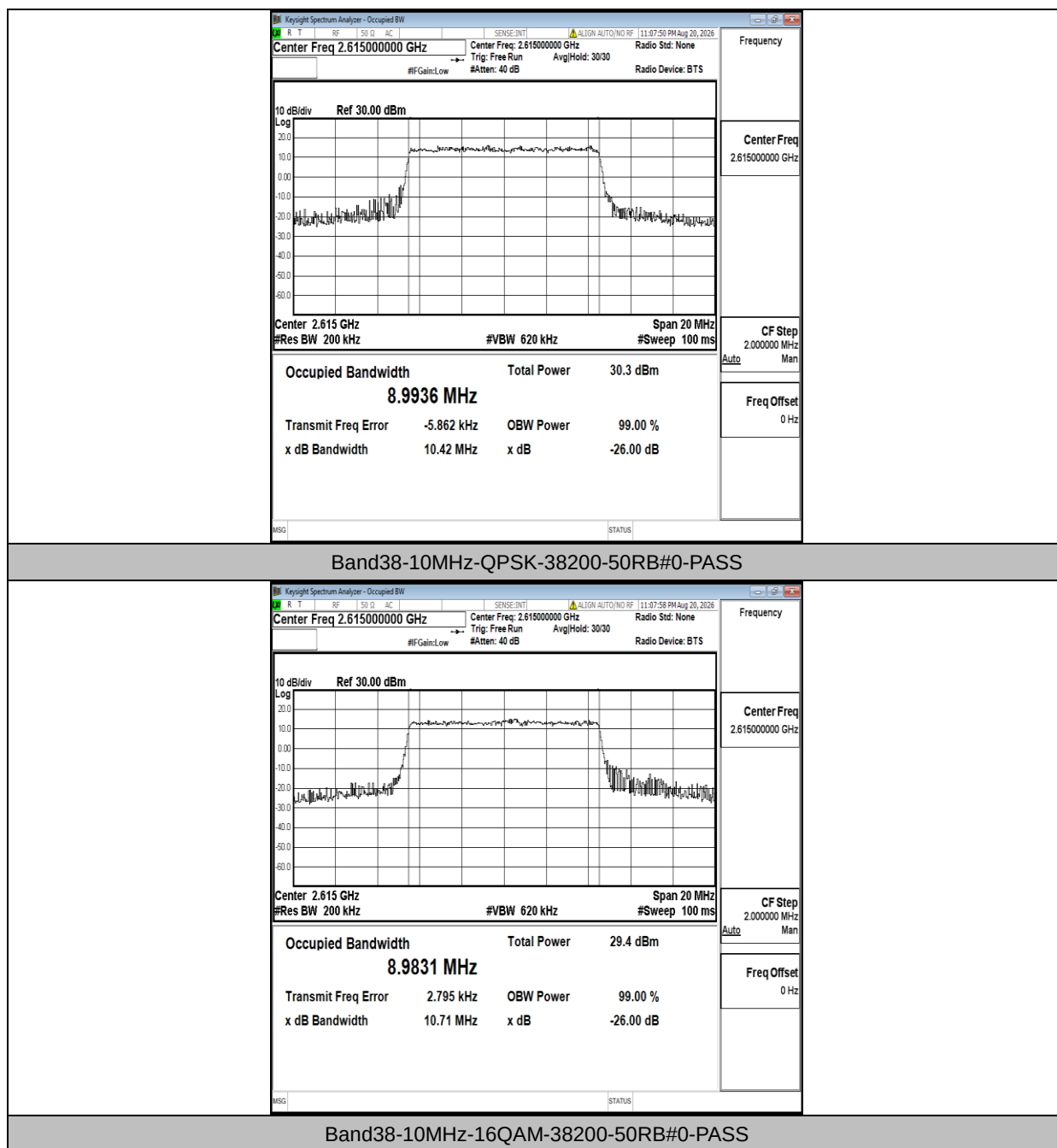


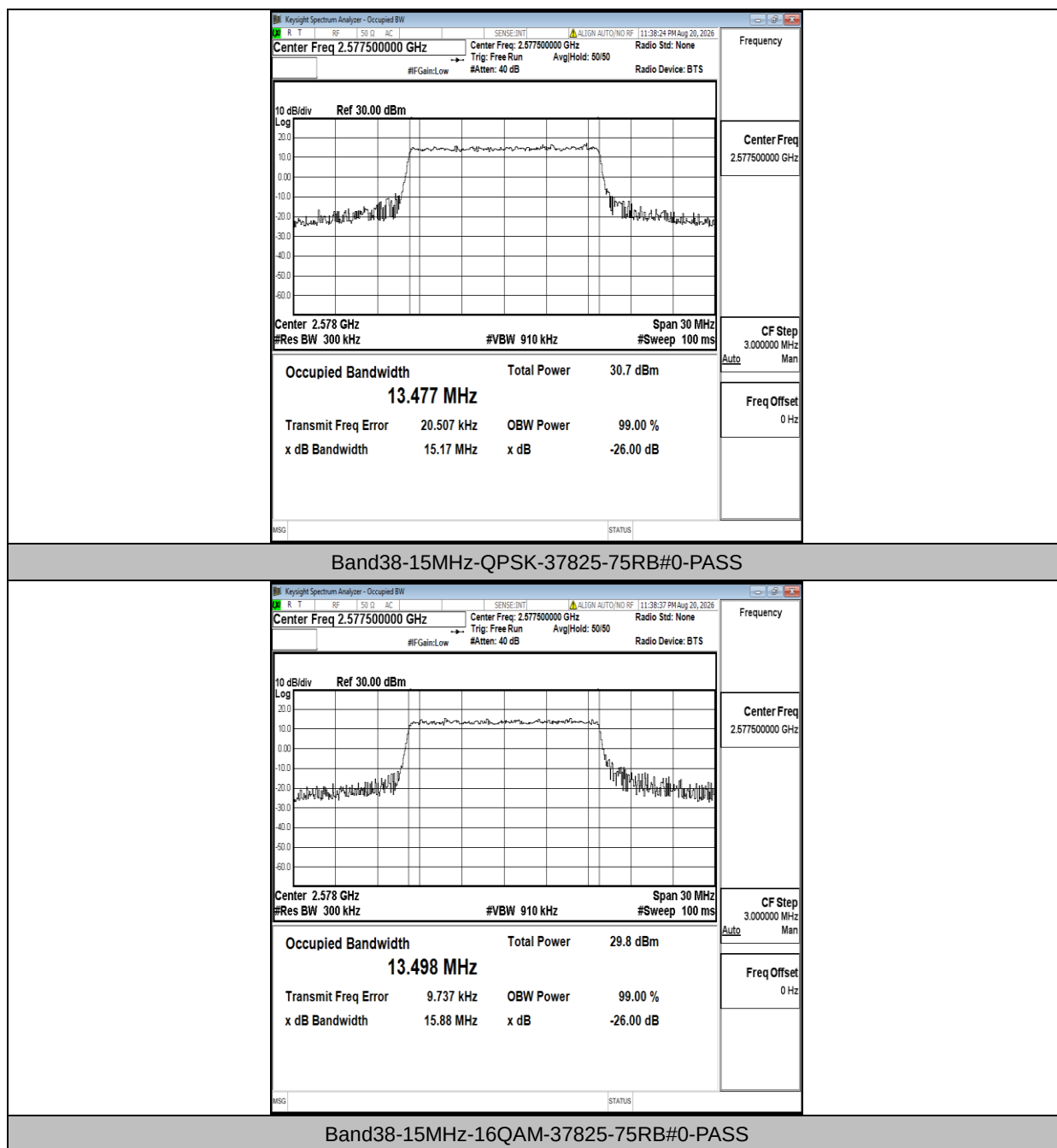


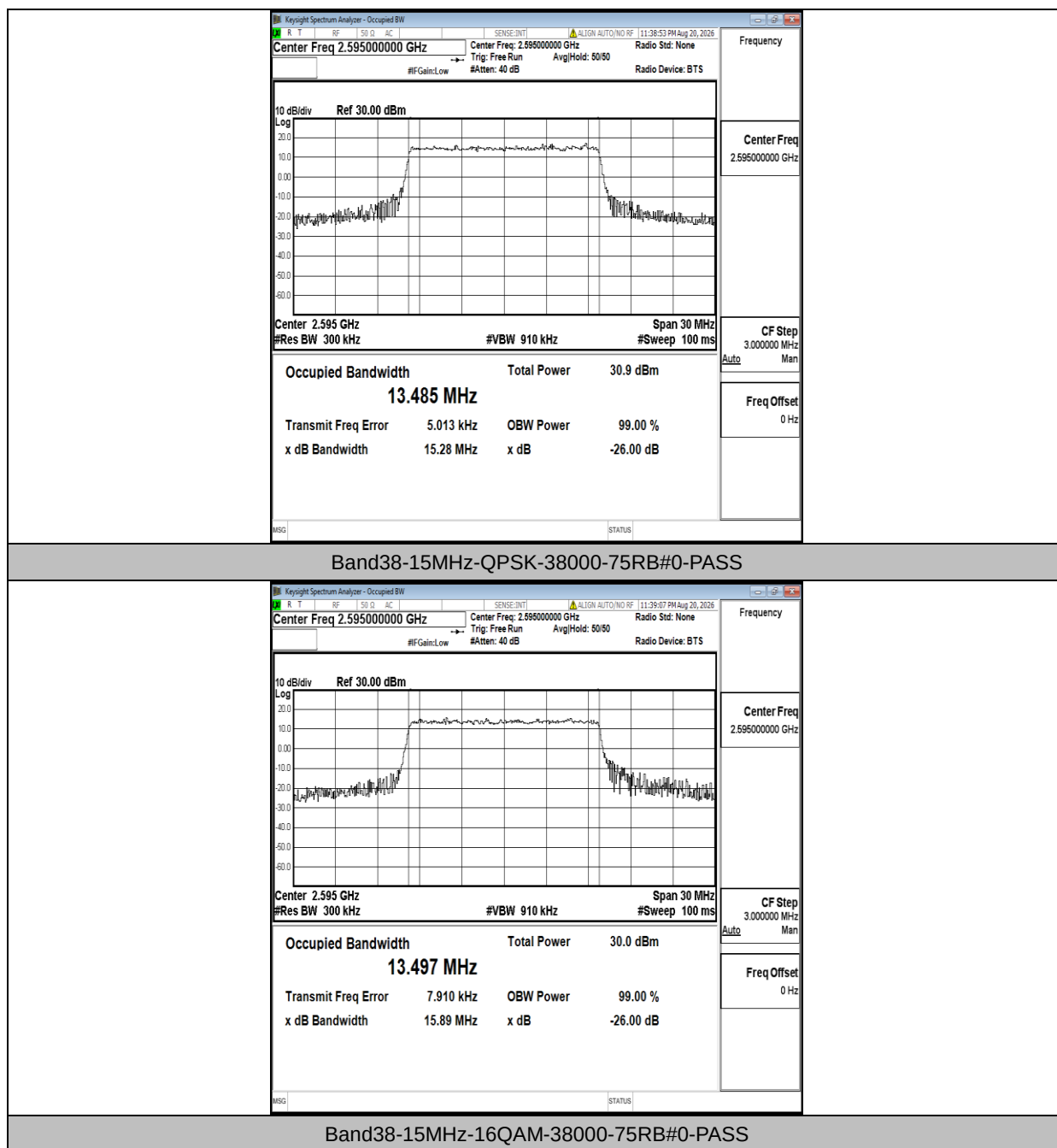


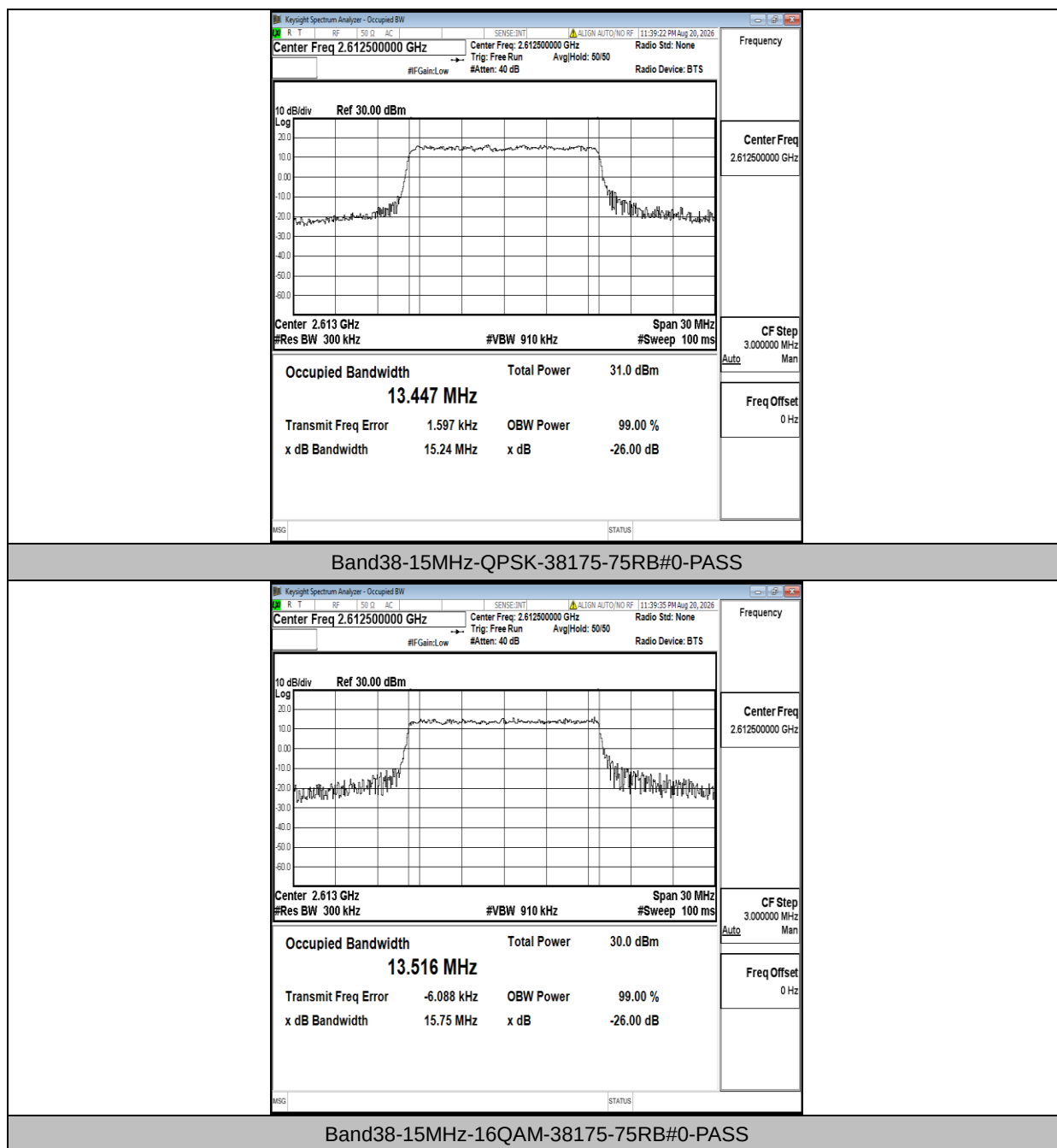


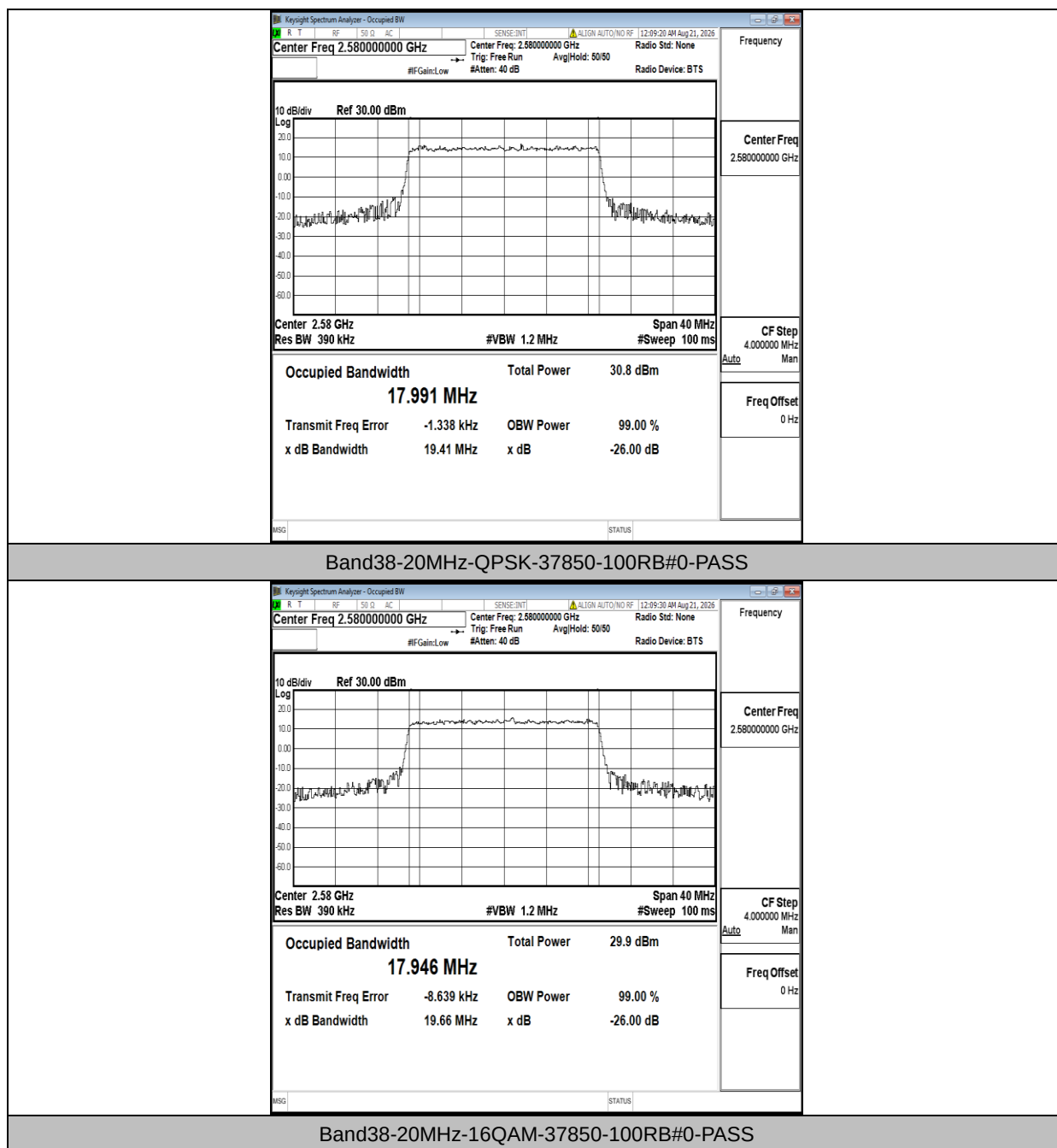


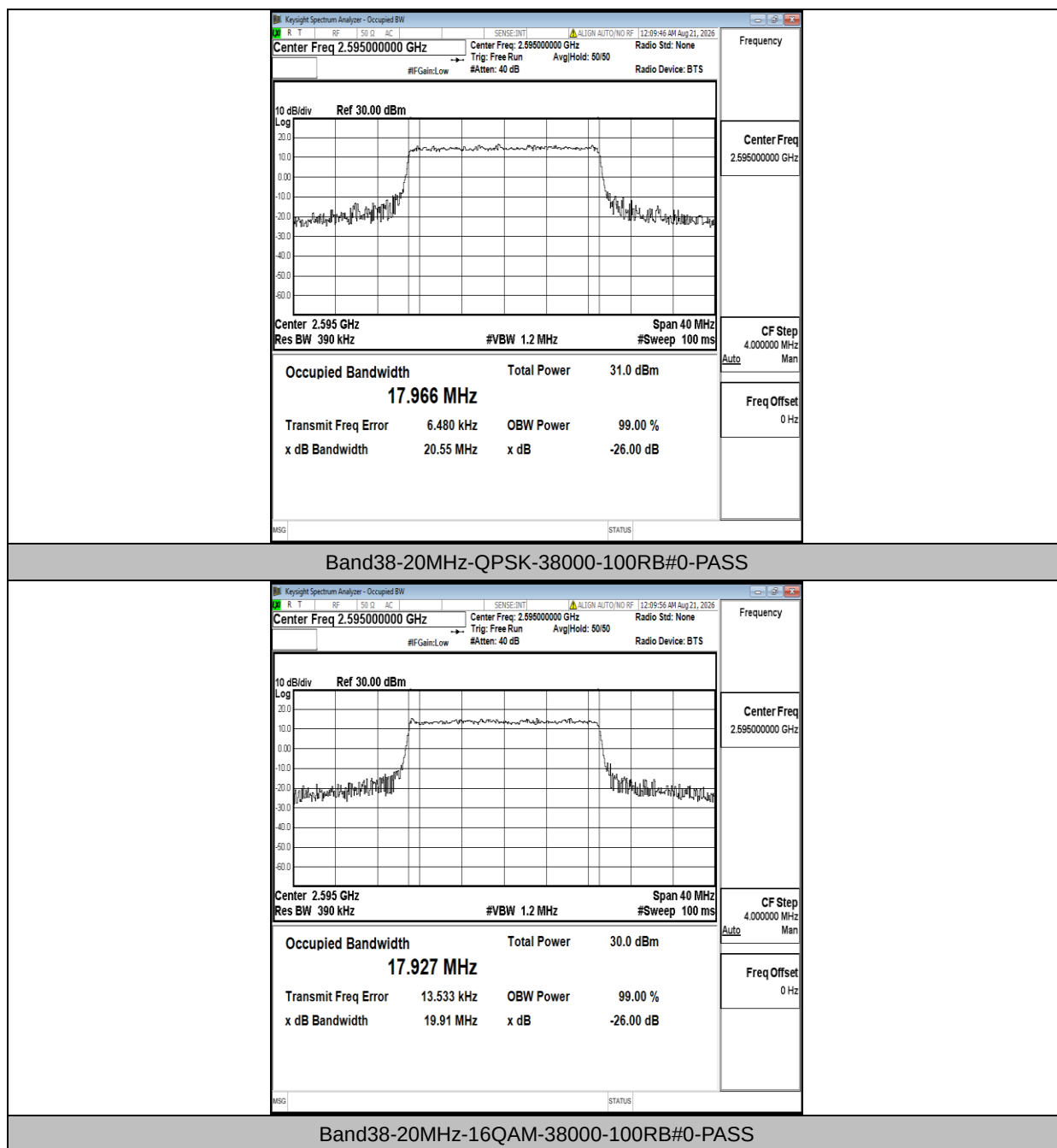


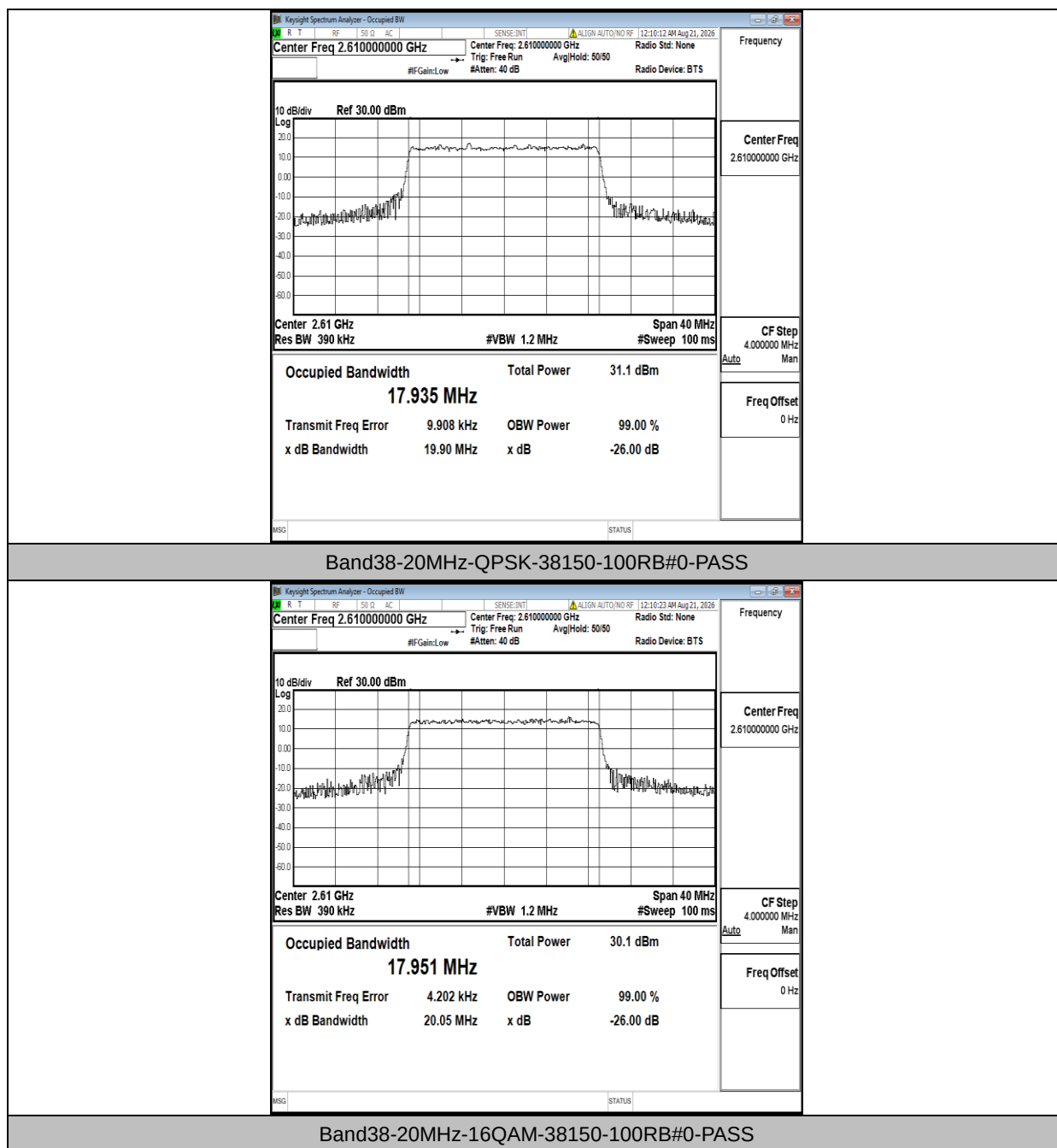












## N.4 Band Edge

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Peak Frequency | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 2564.00        | -39.00      | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 2563.00        | -39.00      | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 2627.00        | -39.00      | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 2627.00        | -39.00      | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 2558.00        | -36.00      | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 2556.00        | -36.00      | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 2634.00        | -37.00      | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 2633.00        | -37.00      | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 2554.00        | -34.00      | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 2553.00        | -34.00      | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 2635.00        | -33.00      | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 2636.00        | -34.00      | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 2549.00        | -31.00      | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 2549.00        | -31.00      | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 2643.00        | -30.00      | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 2642.00        | -30.00      | PASS    |

### Test Graphs

