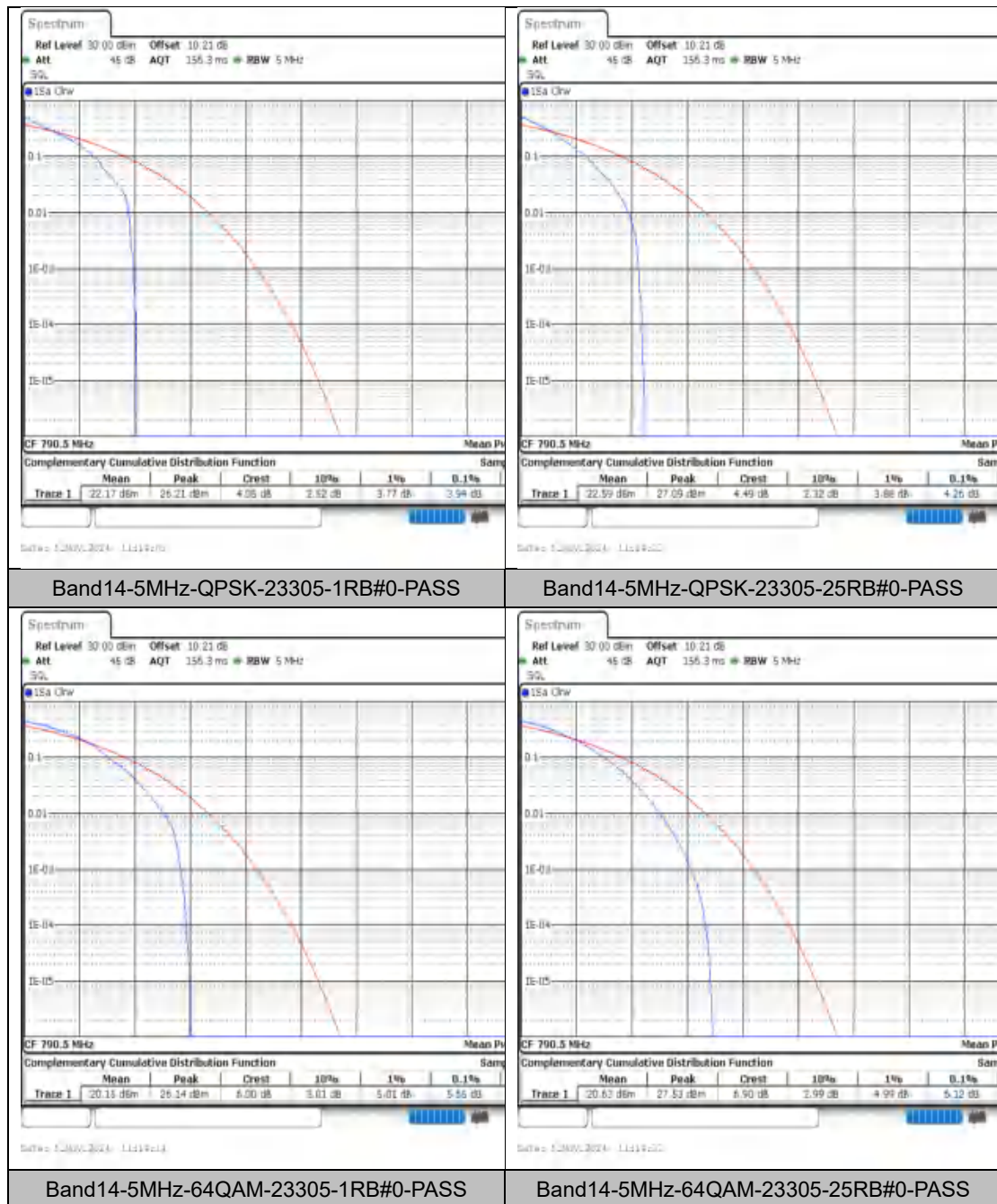


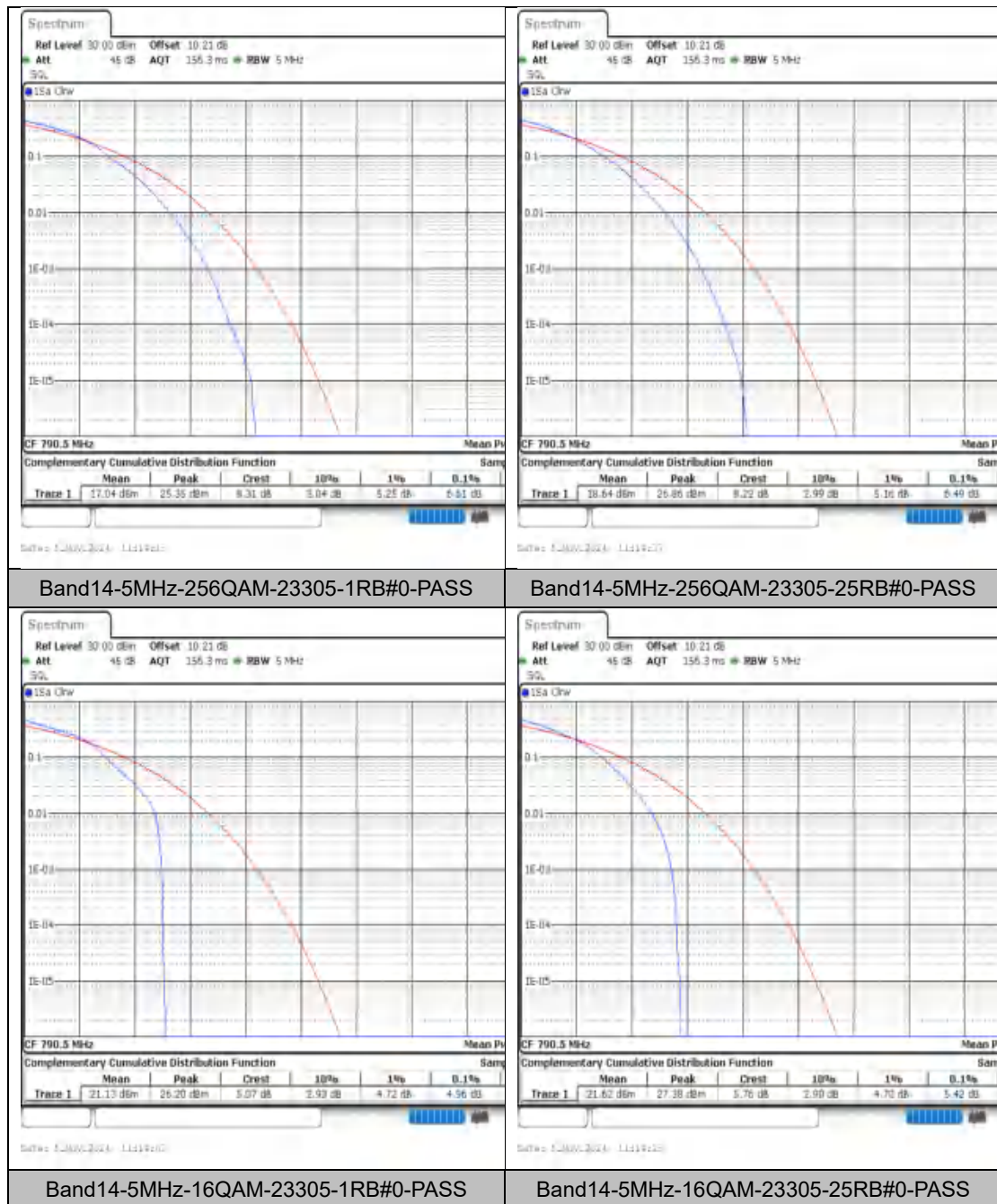
## Appendix: Peak-to-Average Ratio(CCDF)

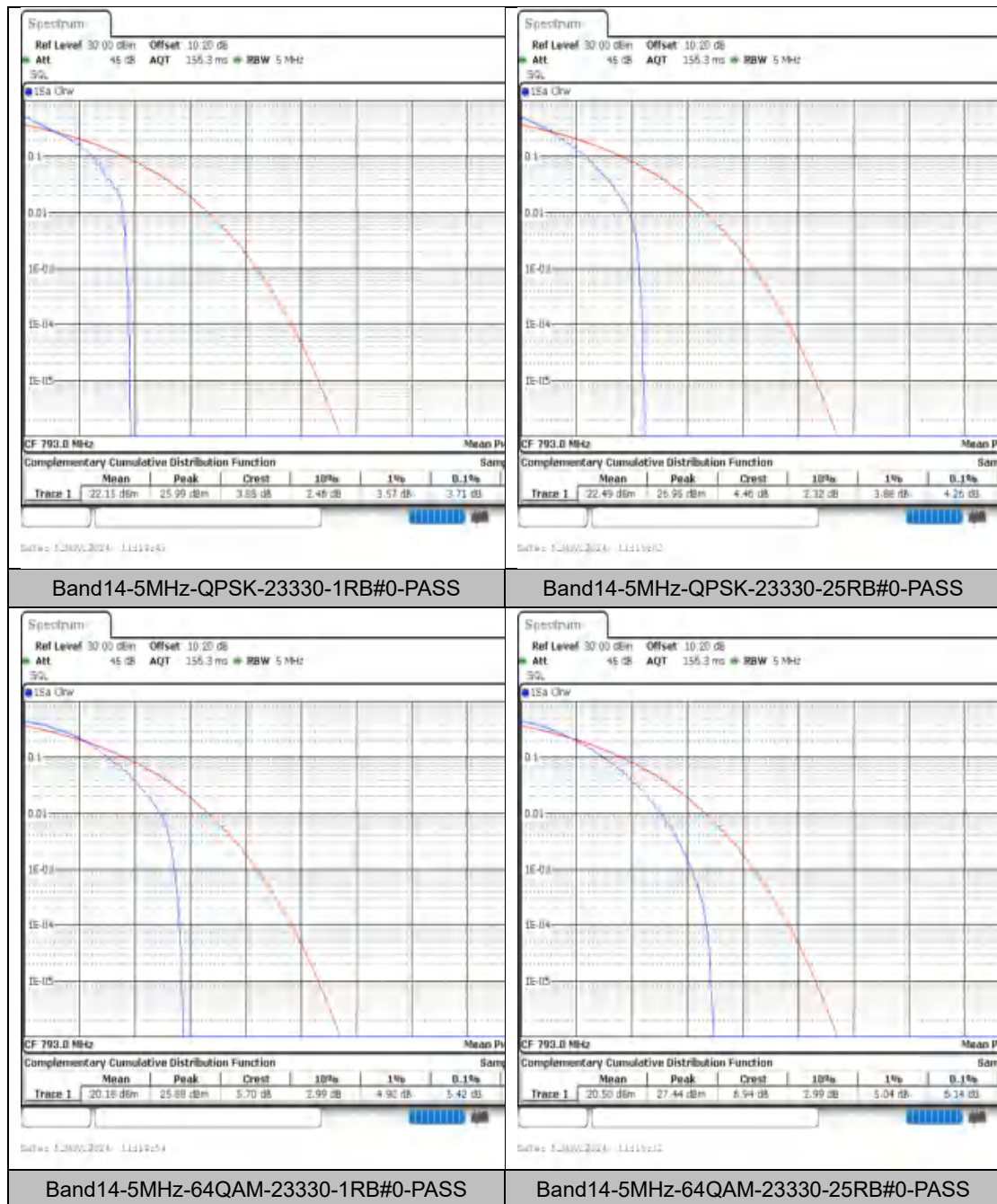
### Test Result

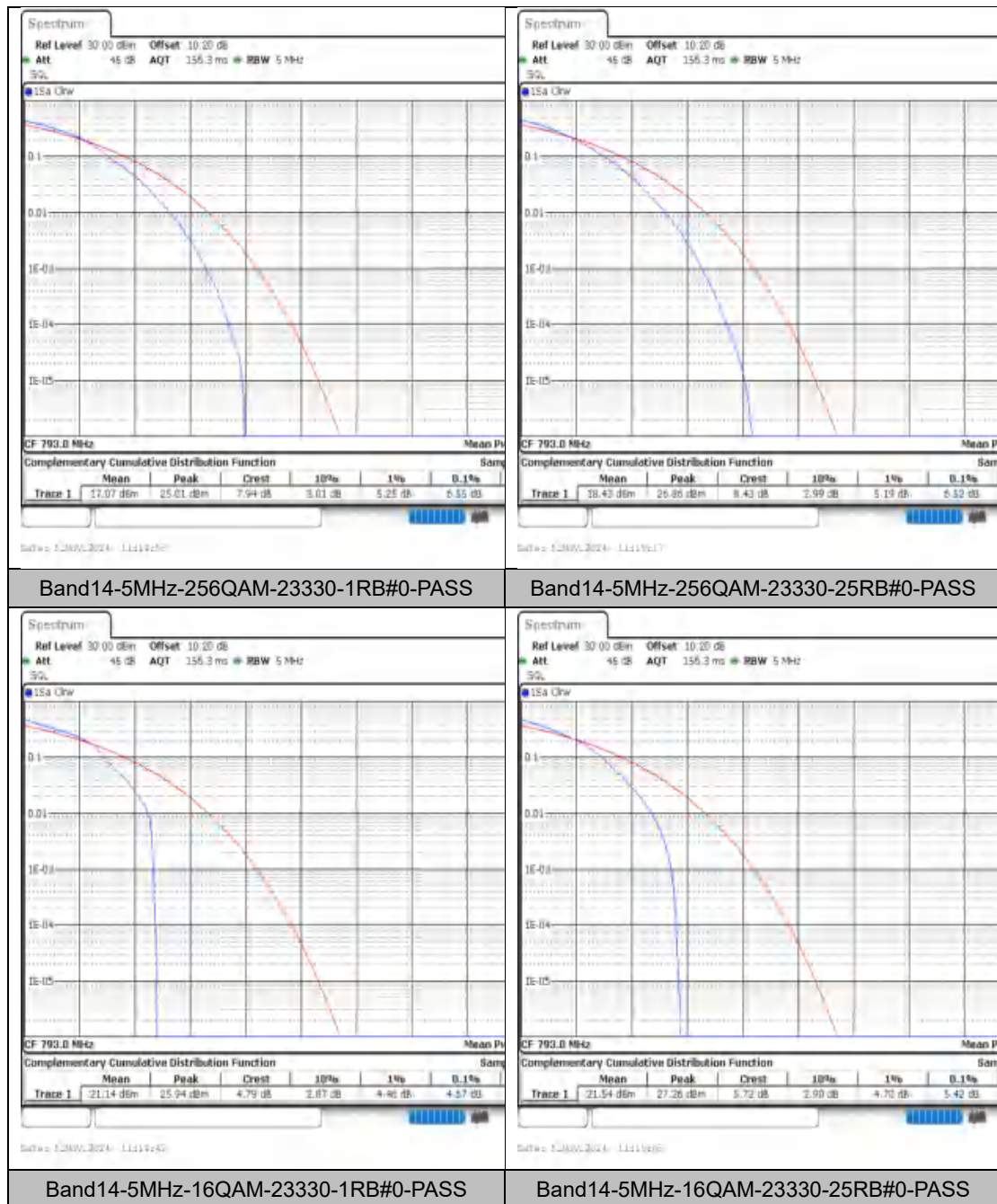
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 3.94       | 13        | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 4.26       | 13        | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 5.65       | 13        | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | 6.12       | 13        | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | 6.61       | 13        | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 25RB#0           | 6.49       | 13        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 1RB#0            | 4.96       | 13        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | 5.42       | 13        | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 1RB#0            | 3.71       | 13        | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 25RB#0           | 4.26       | 13        | PASS    |
| Band14 | 5MHz      | 64QAM      | 23330   | 1RB#0            | 5.42       | 13        | PASS    |
| Band14 | 5MHz      | 64QAM      | 23330   | 25RB#0           | 6.14       | 13        | PASS    |
| Band14 | 5MHz      | 256QAM     | 23330   | 1RB#0            | 6.55       | 13        | PASS    |
| Band14 | 5MHz      | 256QAM     | 23330   | 25RB#0           | 6.52       | 13        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 1RB#0            | 4.67       | 13        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 25RB#0           | 5.42       | 13        | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 1RB#0            | 3.77       | 13        | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | 4.29       | 13        | PASS    |
| Band14 | 5MHz      | 64QAM      | 23355   | 1RB#0            | 5.45       | 13        | PASS    |
| Band14 | 5MHz      | 64QAM      | 23355   | 25RB#0           | 6.17       | 13        | PASS    |
| Band14 | 5MHz      | 256QAM     | 23355   | 1RB#0            | 6.67       | 13        | PASS    |
| Band14 | 5MHz      | 256QAM     | 23355   | 25RB#0           | 6.49       | 13        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 1RB#0            | 4.75       | 13        | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 25RB#0           | 5.48       | 13        | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 1RB#0            | 3.88       | 13        | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 50RB#0           | 4.32       | 13        | PASS    |
| Band14 | 10MHz     | 64QAM      | 23330   | 1RB#0            | 5.80       | 13        | PASS    |
| Band14 | 10MHz     | 64QAM      | 23330   | 50RB#0           | 6.12       | 13        | PASS    |
| Band14 | 10MHz     | 256QAM     | 23330   | 1RB#0            | 6.67       | 13        | PASS    |
| Band14 | 10MHz     | 256QAM     | 23330   | 50RB#0           | 6.49       | 13        | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 1RB#0            | 4.87       | 13        | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 50RB#0           | 5.48       | 13        | PASS    |

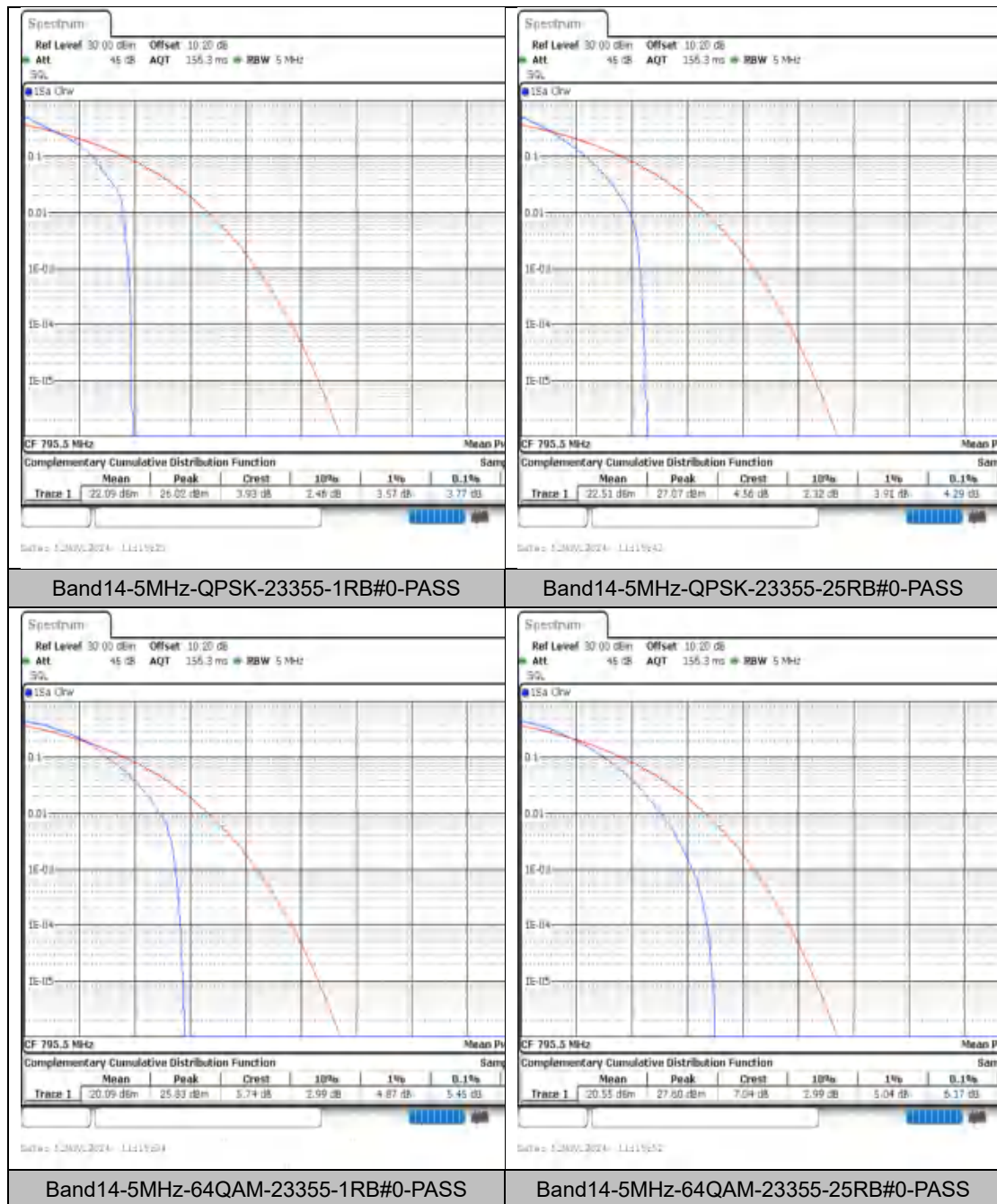
## Test Graphs









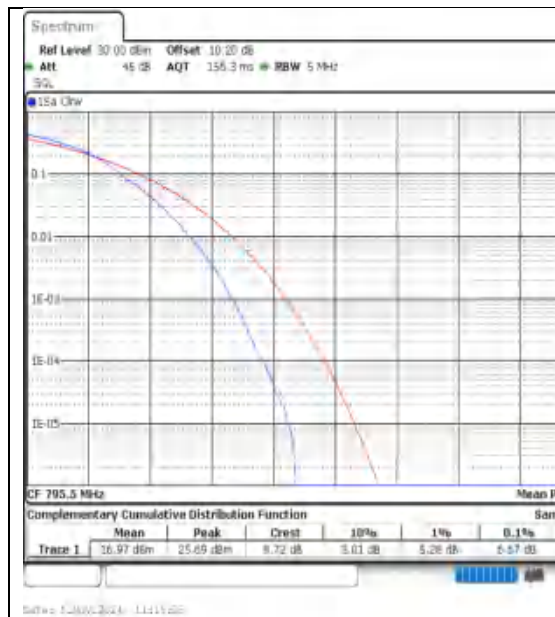


Band14-5MHz-QPSK-23355-1RB#0-PASS

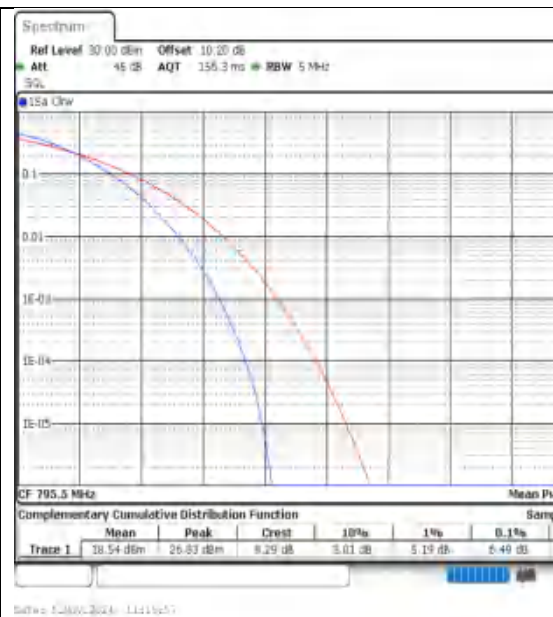
Band14-5MHz-QPSK-23355-25RB#0-PASS

Band14-5MHz-64QAM-23355-1RB#0-PASS

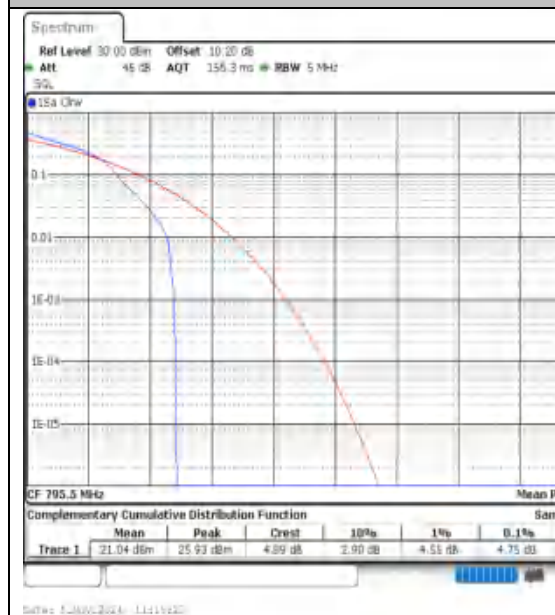
Band14-5MHz-64QAM-23355-25RB#0-PASS



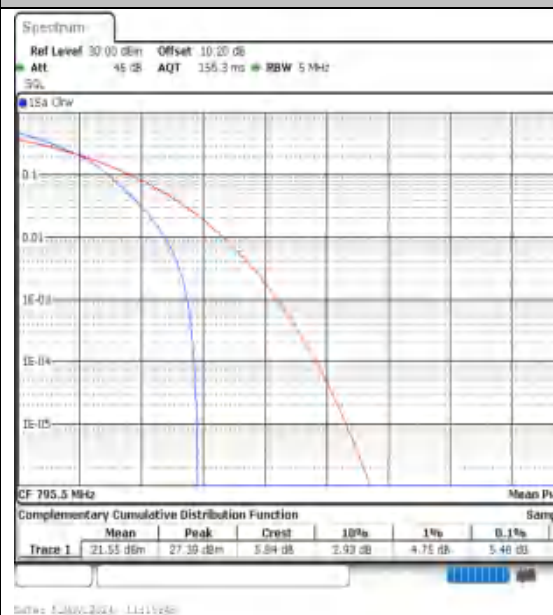
Band14-5MHz-256QAM-23355-1RB#0-PASS



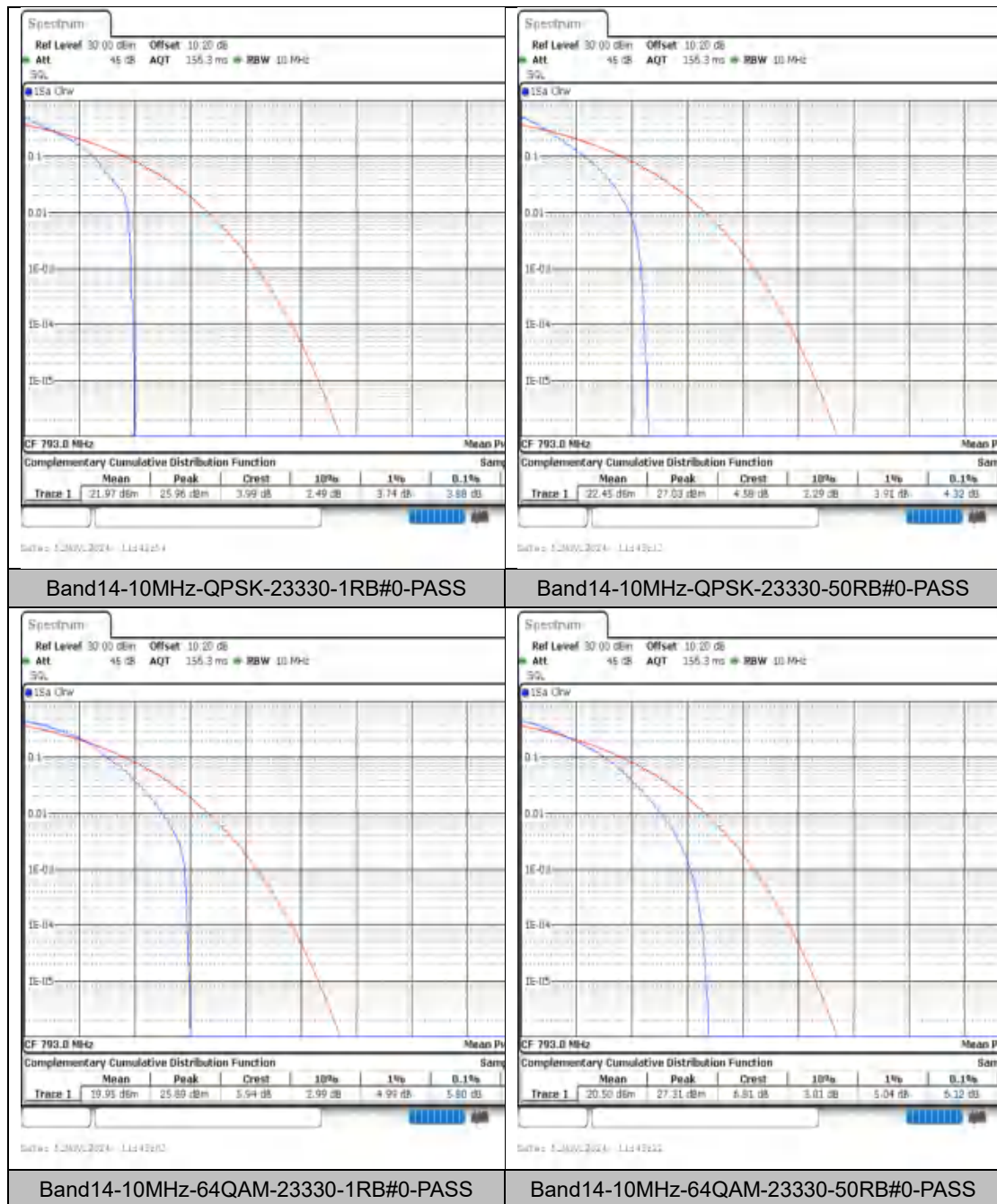
Band14-5MHz-256QAM-23355-25RB#0-PASS

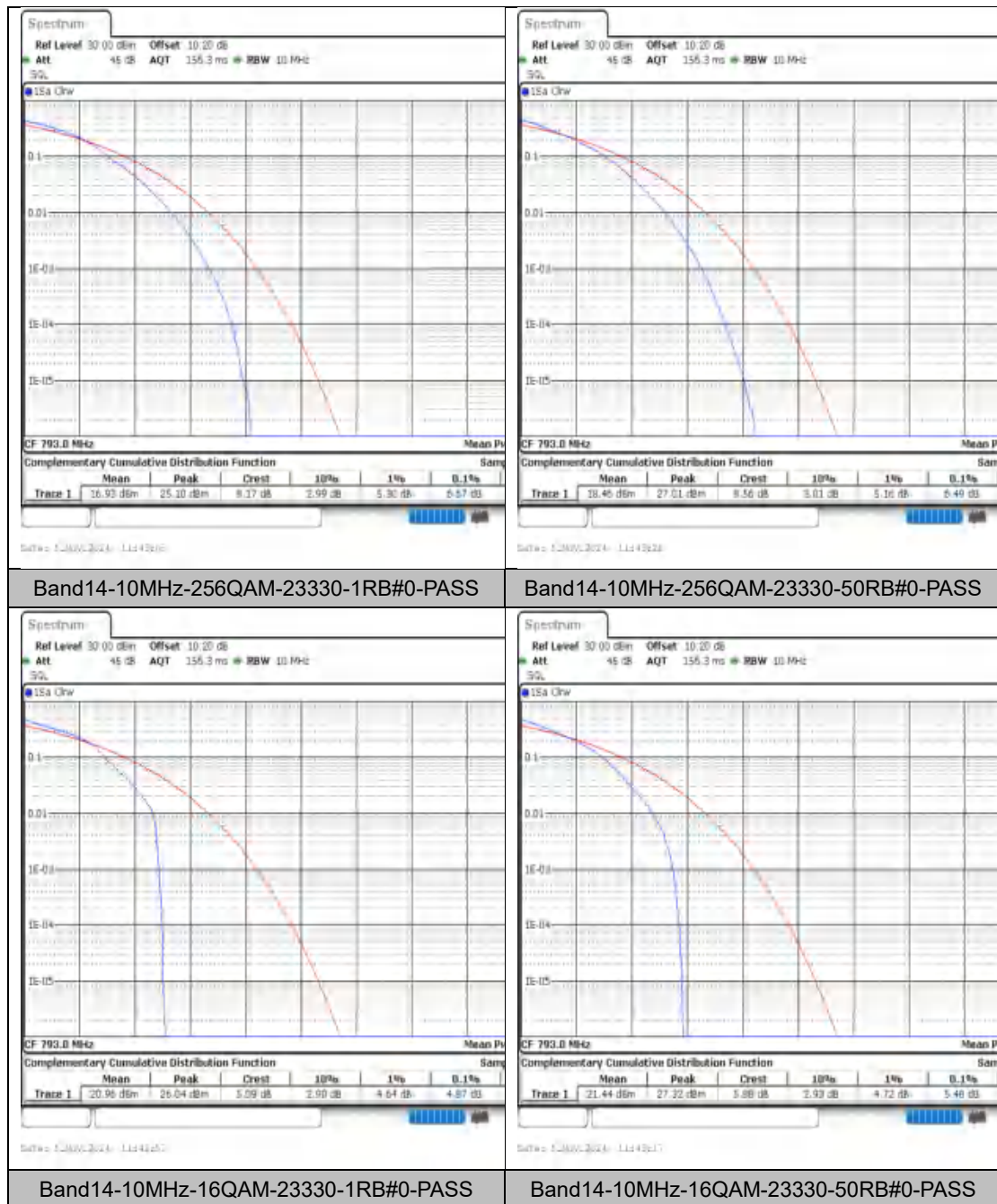


Band14-5MHz-16QAM-23355-1RB#0-PASS



Band14-5MHz-16QAM-23355-25RB#0-PASS



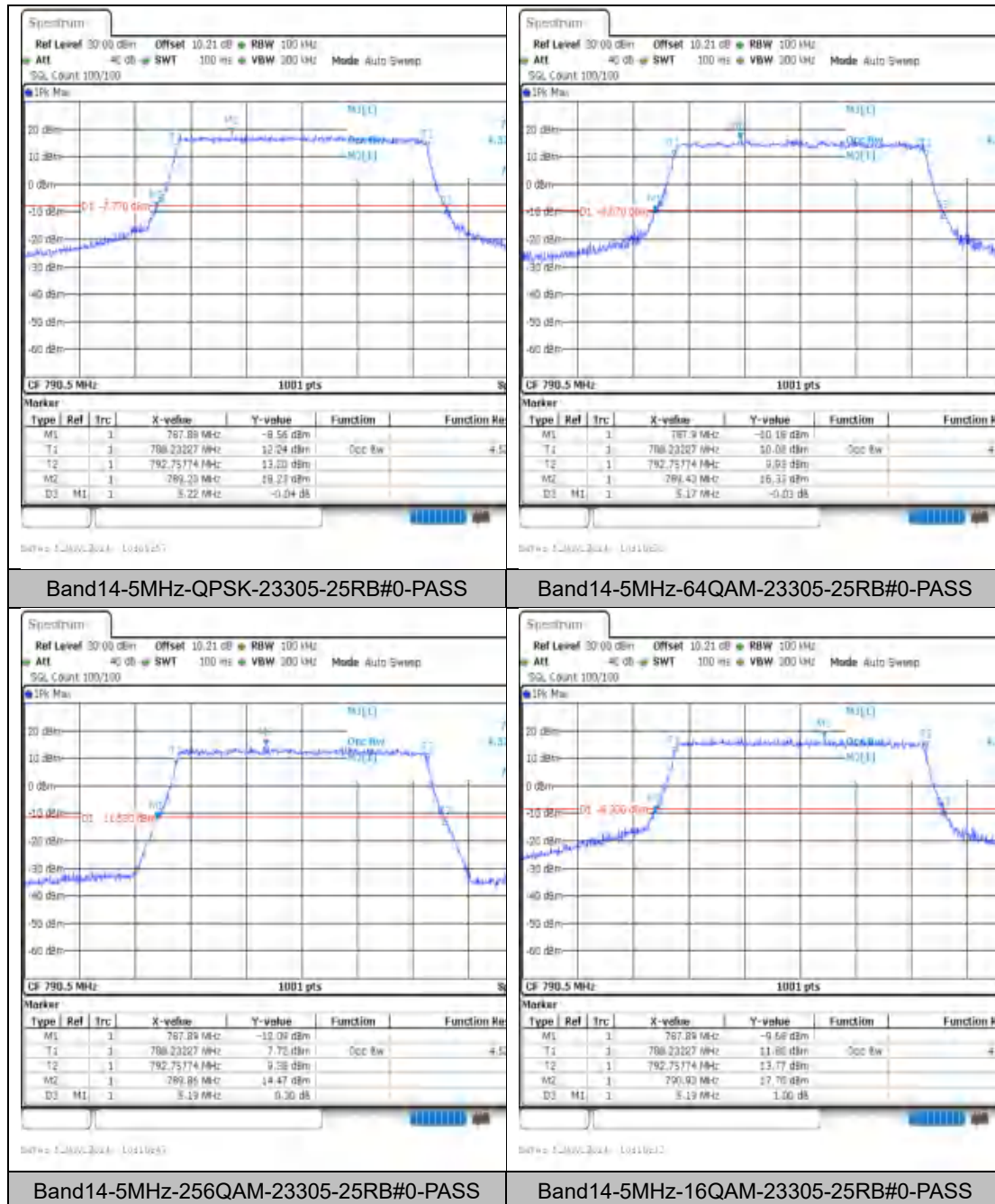


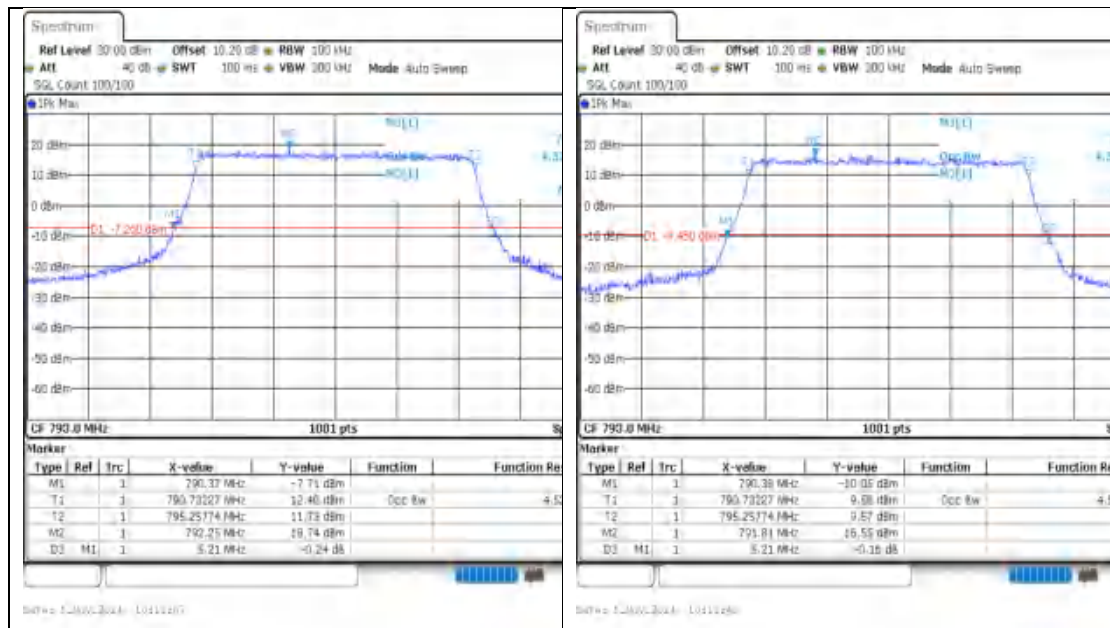
## Appendix: 26dB Bandwidth and Occupied Bandwidth

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 4.525                    | 5.22                 | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | 4.525                    | 5.17                 | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 25RB#0           | 4.525                    | 5.19                 | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | 4.525                    | 5.19                 | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 25RB#0           | 4.525                    | 5.21                 | PASS    |
| Band14 | 5MHz      | 64QAM      | 23330   | 25RB#0           | 4.525                    | 5.21                 | PASS    |
| Band14 | 5MHz      | 256QAM     | 23330   | 25RB#0           | 4.515                    | 5.18                 | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 25RB#0           | 4.525                    | 5.19                 | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | 4.505                    | 5.23                 | PASS    |
| Band14 | 5MHz      | 64QAM      | 23355   | 25RB#0           | 4.535                    | 5.25                 | PASS    |
| Band14 | 5MHz      | 256QAM     | 23355   | 25RB#0           | 4.505                    | 5.13                 | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 25RB#0           | 4.515                    | 5.18                 | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 50RB#0           | 9.018                    | 10.17                | PASS    |
| Band14 | 10MHz     | 64QAM      | 23330   | 50RB#0           | 8.985                    | 10.13                | PASS    |
| Band14 | 10MHz     | 256QAM     | 23330   | 50RB#0           | 8.985                    | 10.07                | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 50RB#0           | 9.018                    | 10.07                | PASS    |

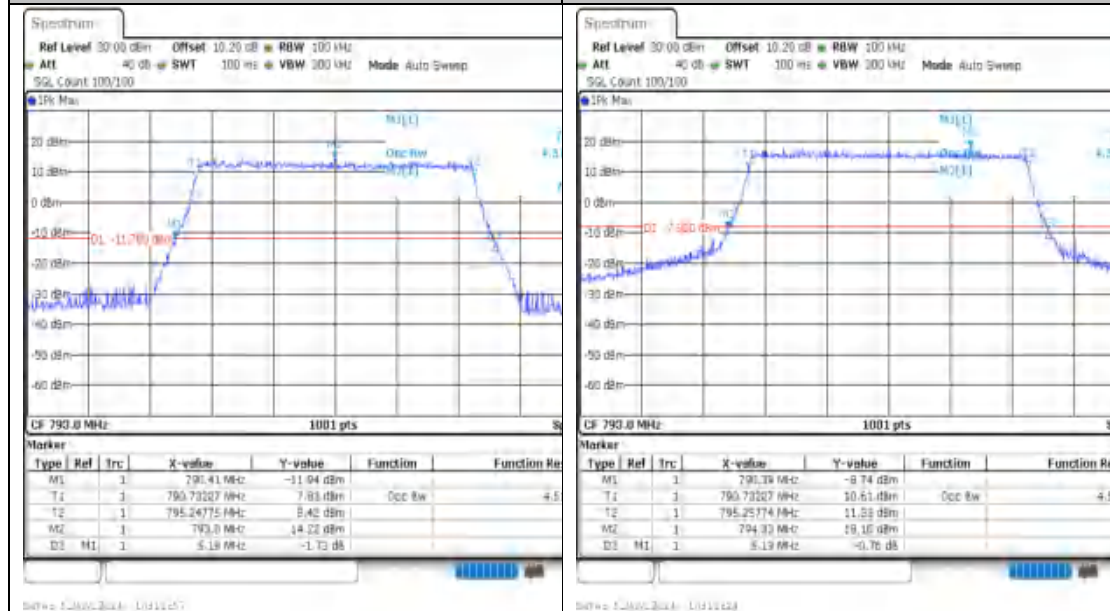
## Test Graphs





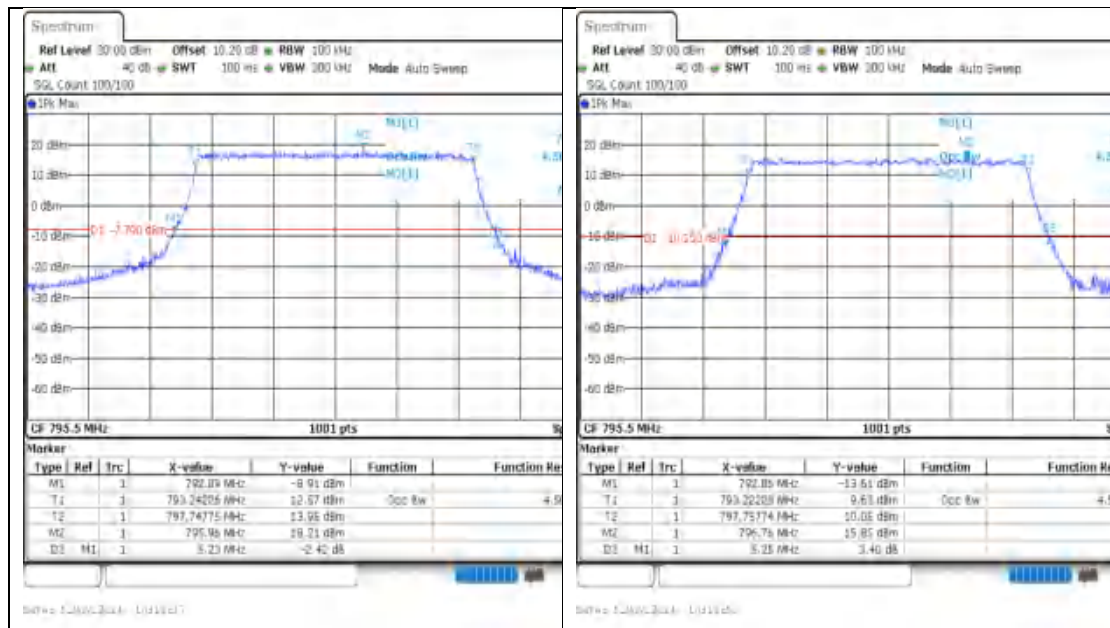
Band14-5MHz-QPSK-23330-25RB#0-PASS

Band14-5MHz-64QAM-23330-25RB#0-PASS



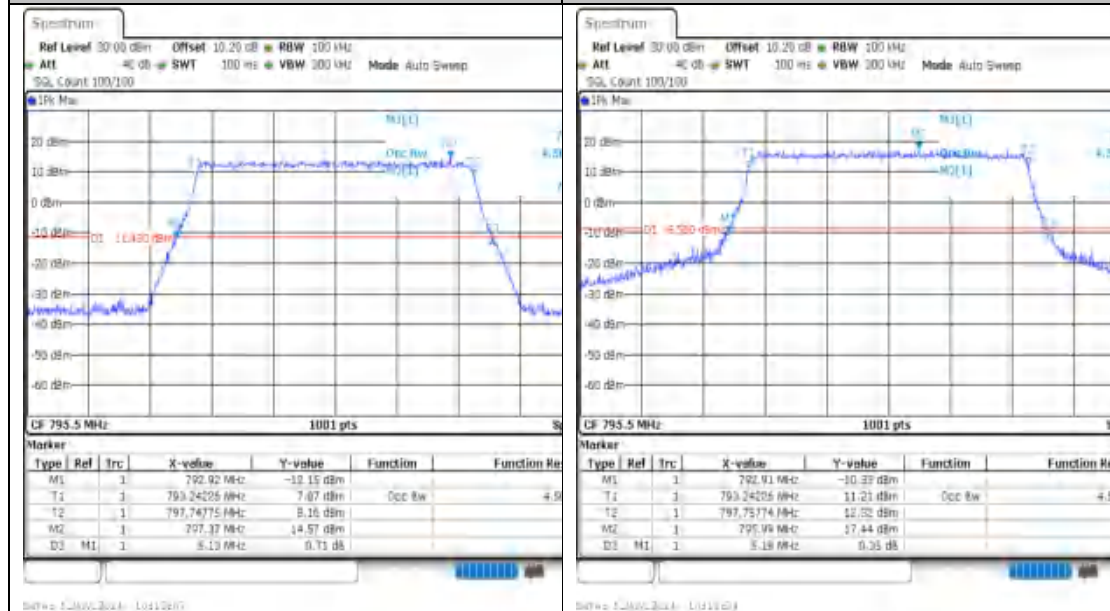
Band14-5MHz-256QAM-23330-25RB#0-PASS

Band14-5MHz-16QAM-23330-25RB#0-PASS



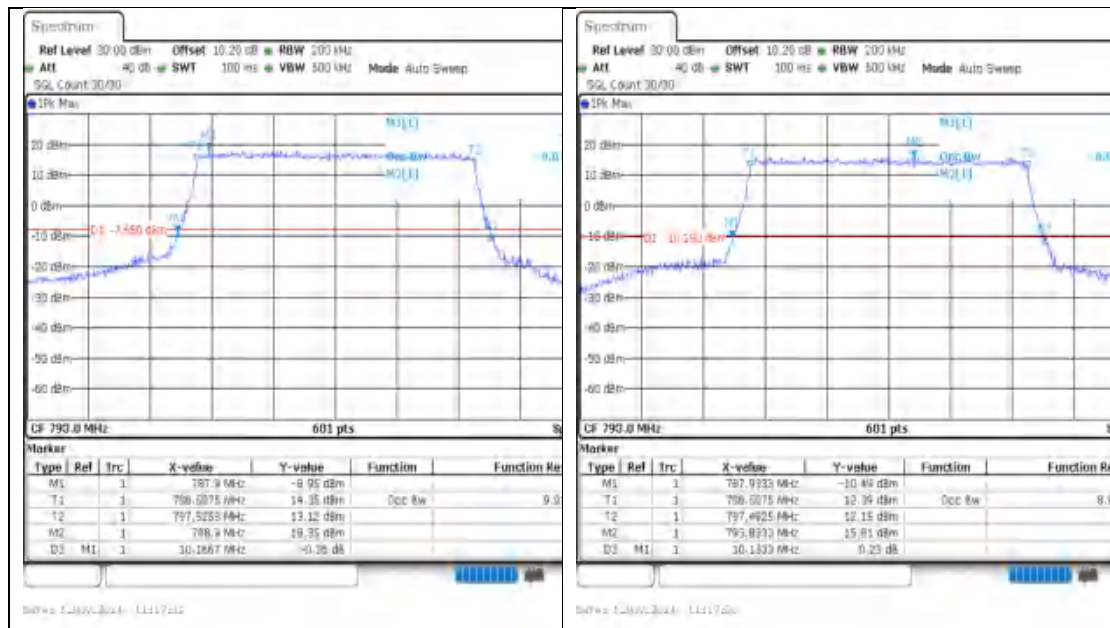
Band14-5MHz-QPSK-23355-25RB#0-PASS

Band14-5MHz-64QAM-23355-25RB#0-PASS



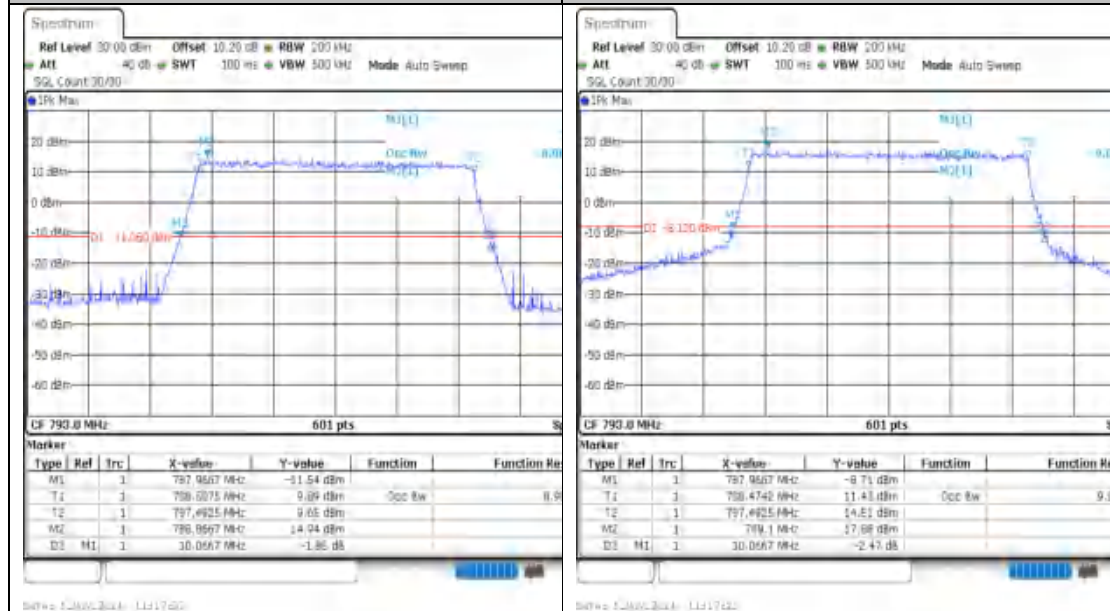
Band14-5MHz-256QAM-23355-25RB#0-PASS

Band14-5MHz-16QAM-23355-25RB#0-PASS



Band14-10MHz-QPSK-23330-50RB#0-PASS

Band14-10MHz-64QAM-23330-50RB#0-PASS



Band14-10MHz-256QAM-23330-50RB#0-PASS

Band14-10MHz-16QAM-23330-50RB#0-PASS

## Appendix: Band Edge

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Limit (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|-------------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 0.009~0.15      | -65.41       | -33.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 0.15~30         | -70.25       | -23.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 30~1000         | -57.68       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 1000~3000       | -42.69       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 3000~10000      | -30.70       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 0.009~0.15      | -64.63       | -33.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 0.15~30         | -71.51       | -23.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 30~1000         | -57.49       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 1000~3000       | -42.72       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 3000~10000      | -30.68       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 0.009~0.15      | -60.23       | -33.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 0.15~30         | -71.09       | -23.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 30~1000         | -53.19       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 1000~3000       | -42.69       | -13.0       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 3000~10000      | -30.66       | -13.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 0.009~0.15      | -65.87       | -33.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 0.15~30         | -70.71       | -23.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 30~1000         | -57.91       | -13.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 1000~3000       | -42.74       | -13.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 3000~10000      | -30.82       | -13.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 0.009~0.15      | -63.95       | -33.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 0.15~30         | -70.38       | -23.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 30~1000         | -57.59       | -13.0       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 1000~3000       | -42.78       | -13.0       | PASS    |

|        |      |        |       |        |            |        |       |      |
|--------|------|--------|-------|--------|------------|--------|-------|------|
|        |      |        |       |        | 00         |        |       |      |
| Band14 | 5MHz | 64QAM  | 23305 | 1RB#24 | 3000~10000 | -30.76 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | 0.009~0.15 | -63.60 | -33.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | 0.15~30    | -70.41 | -23.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | 30~1000    | -55.22 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | 1000~3000  | -42.70 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | 3000~10000 | -30.81 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#0  | 0.009~0.15 | -60.89 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#0  | 0.15~30    | -70.75 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#0  | 30~1000    | -57.44 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#0  | 1000~3000  | -42.81 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#0  | 3000~10000 | -30.60 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 0.009~0.15 | -65.40 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 0.15~30    | -71.25 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 30~1000    | -57.87 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 1000~3000  | -42.64 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 3000~10000 | -30.85 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 0.009~0.15 | -65.84 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 0.15~30    | -71.15 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 30~1000    | -57.08 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 1000~3000  | -42.74 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 3000~10000 | -30.66 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 0.009~0.15 | -65.15 | -33.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 0.15~30    | -71.36 | -23.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 30~1000    | -57.91 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 1000~3000  | -42.69 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 3000~10000 | -30.74 | -13.0 | PASS |

|        |      |       |       |        |            |        |       |      |
|--------|------|-------|-------|--------|------------|--------|-------|------|
| Band14 | 5MHz | 16QAM | 23305 | 1RB#24 | 0.009~0.15 | -63.12 | -33.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 1RB#24 | 0.15~30    | -70.79 | -23.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 1RB#24 | 30~1000    | -57.55 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 1RB#24 | 1000~3000  | -42.66 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 1RB#24 | 3000~10000 | -30.75 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 25RB#0 | 0.009~0.15 | -62.25 | -33.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 25RB#0 | 0.15~30    | -71.22 | -23.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 25RB#0 | 30~1000    | -54.96 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 25RB#0 | 1000~3000  | -42.75 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM | 23305 | 25RB#0 | 3000~10000 | -30.59 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#0  | 0.009~0.15 | -63.93 | -33.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#0  | 0.15~30    | -70.39 | -23.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#0  | 30~1000    | -57.83 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#0  | 1000~3000  | -42.49 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#0  | 3000~10000 | -30.68 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#24 | 0.009~0.15 | -65.46 | -33.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#24 | 0.15~30    | -71.12 | -23.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#24 | 30~1000    | -57.89 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#24 | 1000~3000  | -42.60 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 1RB#24 | 3000~10000 | -30.73 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 25RB#0 | 0.009~0.15 | -62.26 | -33.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 25RB#0 | 0.15~30    | -70.25 | -23.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 25RB#0 | 30~1000    | -53.15 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 25RB#0 | 1000~3000  | -42.75 | -13.0 | PASS |
| Band14 | 5MHz | QPSK  | 23330 | 25RB#0 | 3000~10000 | -30.82 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM | 23330 | 1RB#0  | 0.009~0.15 | -65.46 | -33.0 | PASS |
| Band14 | 5MHz | 64QAM | 23330 | 1RB#0  | 0.15~30    | -70.81 | -23.0 | PASS |

|        |      |        |       |        |            |        |       |      |
|--------|------|--------|-------|--------|------------|--------|-------|------|
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 30~1000    | -57.73 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 1000~3000  | -42.78 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 3000~10000 | -30.78 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 0.009~0.15 | -62.34 | -33.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 0.15~30    | -71.01 | -23.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 30~1000    | -57.72 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 1000~3000  | -42.68 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 3000~10000 | -30.67 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 0.009~0.15 | -59.92 | -33.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 0.15~30    | -70.99 | -23.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 30~1000    | -55.07 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 1000~3000  | -42.52 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 3000~10000 | -30.69 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 0.009~0.15 | -64.18 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 0.15~30    | -70.48 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 30~1000    | -57.71 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 1000~3000  | -42.70 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 3000~10000 | -30.90 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 0.009~0.15 | -64.39 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 0.15~30    | -70.27 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 30~1000    | -57.76 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 1000~3000  | -42.77 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 3000~10000 | -30.70 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 0.009~0.15 | -63.39 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 0.15~30    | -71.43 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 30~1000    | -56.74 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 1000~3000  | -42.82 | -13.0 | PASS |

|        |      |        |       |        |                |        |       |      |
|--------|------|--------|-------|--------|----------------|--------|-------|------|
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 3000~10<br>000 | -30.77 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 0.009~0.<br>15 | -64.03 | -33.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 0.15~30        | -70.42 | -23.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 30~1000        | -57.78 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 1000~30<br>00  | -42.80 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 3000~10<br>000 | -30.65 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 0.009~0.<br>15 | -64.66 | -33.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 0.15~30        | -71.03 | -23.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 30~1000        | -57.84 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 1000~30<br>00  | -42.72 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 3000~10<br>000 | -30.83 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 0.009~0.<br>15 | -64.58 | -33.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 0.15~30        | -71.15 | -23.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 30~1000        | -54.81 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 1000~30<br>00  | -42.68 | -13.0 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 3000~10<br>000 | -30.76 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 0.009~0.<br>15 | -63.92 | -33.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 0.15~30        | -71.54 | -23.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 30~1000        | -57.73 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 1000~30<br>00  | -42.71 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 3000~10<br>000 | -30.75 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 0.009~0.<br>15 | -63.29 | -33.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 0.15~30        | -71.34 | -23.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 30~1000        | -57.81 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 1000~30<br>00  | -42.70 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 3000~10<br>000 | -30.78 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 0.009~0.       | -63.12 | -33.0 | PASS |

|        |      |        |       |        |            |        |       |      |
|--------|------|--------|-------|--------|------------|--------|-------|------|
|        |      |        |       |        | 15         |        |       |      |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 0.15~30    | -70.87 | -23.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 30~1000    | -52.32 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 1000~3000  | -42.82 | -13.0 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 3000~10000 | -30.67 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 0.009~0.15 | -65.66 | -33.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 0.15~30    | -70.92 | -23.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 30~1000    | -57.34 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 1000~3000  | -42.71 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 3000~10000 | -30.78 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 0.009~0.15 | -64.98 | -33.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 0.15~30    | -70.79 | -23.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 30~1000    | -57.46 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 1000~3000  | -42.73 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 3000~10000 | -30.73 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 0.009~0.15 | -65.63 | -33.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 0.15~30    | -71.18 | -23.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 30~1000    | -56.14 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 1000~3000  | -42.66 | -13.0 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 3000~10000 | -30.70 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 0.009~0.15 | -61.34 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 0.15~30    | -70.42 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 30~1000    | -57.80 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 1000~3000  | -42.72 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 3000~10000 | -30.70 | -13.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 0.009~0.15 | -64.39 | -33.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 0.15~30    | -70.41 | -23.0 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 30~1000    | -57.73 | -13.0 | PASS |

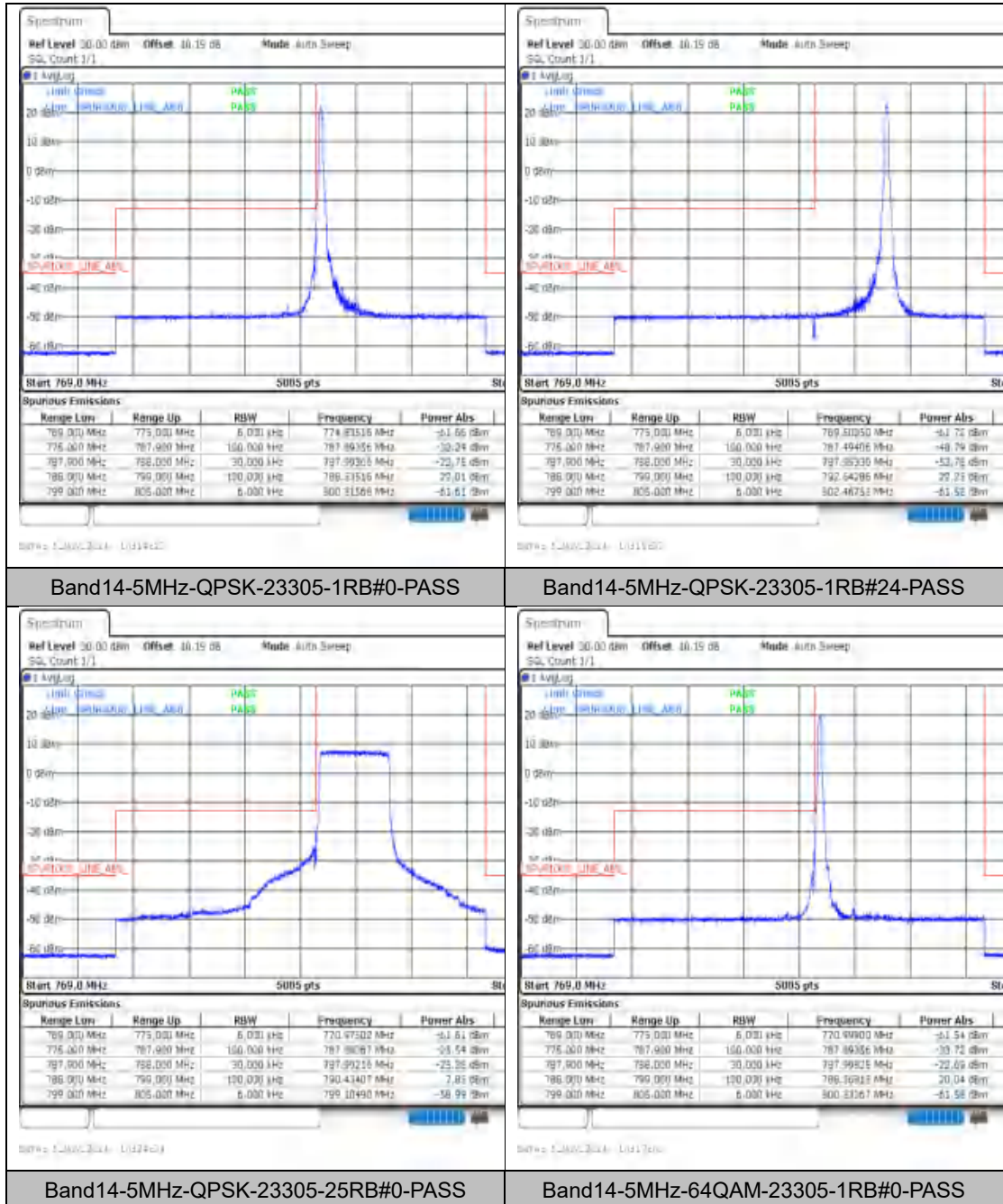
|        |       |        |       |        |            |        |       |      |
|--------|-------|--------|-------|--------|------------|--------|-------|------|
| Band14 | 5MHz  | 256QAM | 23355 | 1RB#24 | 1000~3000  | -42.85 | -13.0 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 1RB#24 | 3000~10000 | -30.79 | -13.0 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | 0.009~0.15 | -63.41 | -33.0 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | 0.15~30    | -71.51 | -23.0 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | 30~1000    | -56.60 | -13.0 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | 1000~3000  | -42.72 | -13.0 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | 3000~10000 | -30.73 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 0.009~0.15 | -67.26 | -33.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 0.15~30    | -70.24 | -23.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 30~1000    | -57.74 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 1000~3000  | -42.65 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 3000~10000 | -30.74 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 0.009~0.15 | -63.42 | -33.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 0.15~30    | -71.05 | -23.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 30~1000    | -57.67 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 1000~3000  | -42.77 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 3000~10000 | -30.72 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 0.009~0.15 | -64.31 | -33.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 0.15~30    | -70.92 | -23.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 30~1000    | -54.22 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 1000~3000  | -42.64 | -13.0 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 3000~10000 | -30.75 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 0.009~0.15 | -63.62 | -33.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 0.15~30    | -70.34 | -23.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 30~1000    | -57.92 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 1000~3000  | -42.77 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 3000~10000 | -30.79 | -13.0 | PASS |

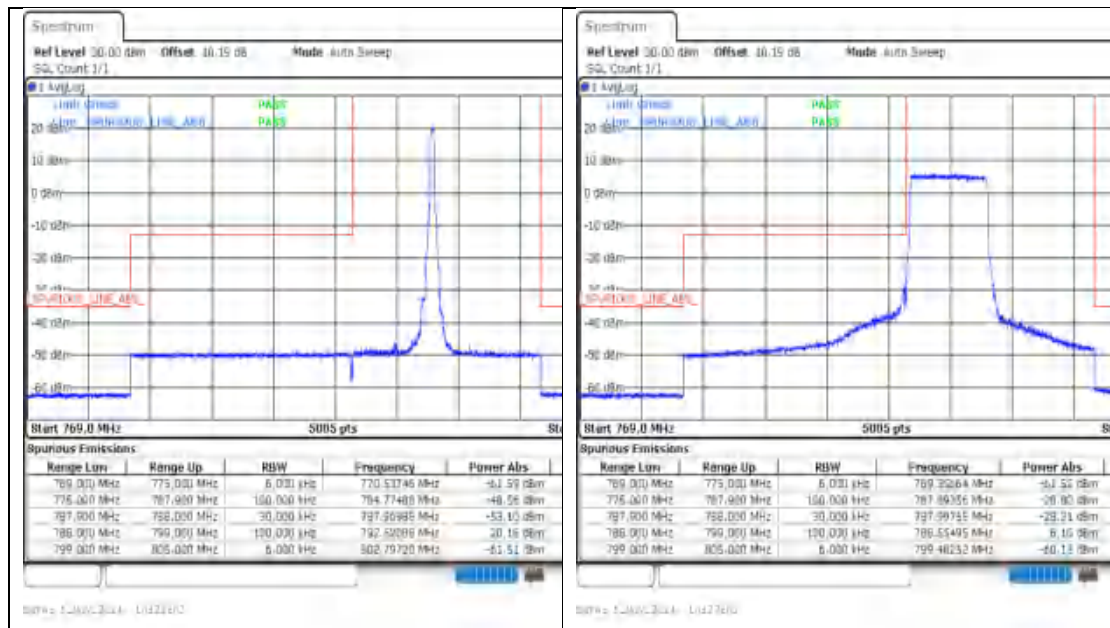
|        |       |        |       |        |            |        |       |      |
|--------|-------|--------|-------|--------|------------|--------|-------|------|
|        |       |        |       |        | 000        |        |       |      |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 0.009~0.15 | -61.18 | -33.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 0.15~30    | -71.16 | -23.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 30~1000    | -57.89 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 1000~3000  | -42.77 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 3000~10000 | -30.75 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 0.009~0.15 | -60.46 | -33.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 0.15~30    | -69.89 | -23.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 30~1000    | -57.87 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 1000~3000  | -42.77 | -13.0 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 3000~10000 | -30.66 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 0.009~0.15 | -64.28 | -33.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 0.15~30    | -71.32 | -23.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 30~1000    | -57.74 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 1000~3000  | -42.74 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 3000~10000 | -30.89 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 0.009~0.15 | -66.92 | -33.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 0.15~30    | -71.09 | -23.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 30~1000    | -57.69 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 1000~3000  | -42.62 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 3000~10000 | -30.79 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 0.009~0.15 | -64.71 | -33.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 0.15~30    | -70.98 | -23.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 30~1000    | -57.58 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 1000~3000  | -42.74 | -13.0 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 3000~10000 | -30.75 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 0.009~0.15 | -63.29 | -33.0 | PASS |

|        |       |        |       |        |            |        |       |      |
|--------|-------|--------|-------|--------|------------|--------|-------|------|
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 0.15~30    | -70.90 | -23.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 30~1000    | -57.75 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 1000~3000  | -42.79 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 3000~10000 | -30.71 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 0.009~0.15 | -63.51 | -33.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 0.15~30    | -70.91 | -23.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 30~1000    | -57.93 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 1000~3000  | -42.74 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 3000~10000 | -30.76 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 0.009~0.15 | -66.36 | -33.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 0.15~30    | -71.24 | -23.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 30~1000    | -57.54 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 1000~3000  | -42.71 | -13.0 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 3000~10000 | -30.83 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 0.009~0.15 | -62.01 | -33.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 0.15~30    | -70.62 | -23.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 30~1000    | -57.77 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 1000~3000  | -42.71 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 3000~10000 | -30.64 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 0.009~0.15 | -61.39 | -33.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 0.15~30    | -71.07 | -23.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 30~1000    | -57.41 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 1000~3000  | -42.61 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 3000~10000 | -30.78 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 0.009~0.15 | -66.00 | -33.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 0.15~30    | -70.92 | -23.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 30~1000    | -57.68 | -13.0 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 1000~3000  | -42.77 | -13.0 | PASS |

|        |       |       |       |        |            |        |       |      |
|--------|-------|-------|-------|--------|------------|--------|-------|------|
|        |       |       |       |        | 00         |        |       |      |
| Band14 | 10MHz | 16QAM | 23330 | 50RB#0 | 3000~10000 | -30.78 | -13.0 | PASS |

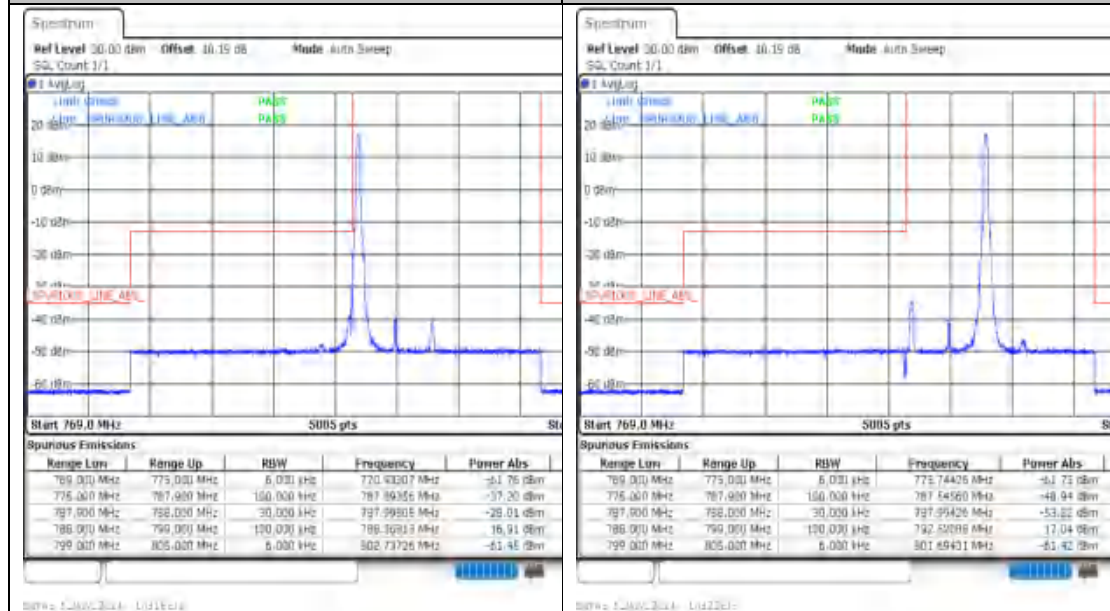
## Test Graphs





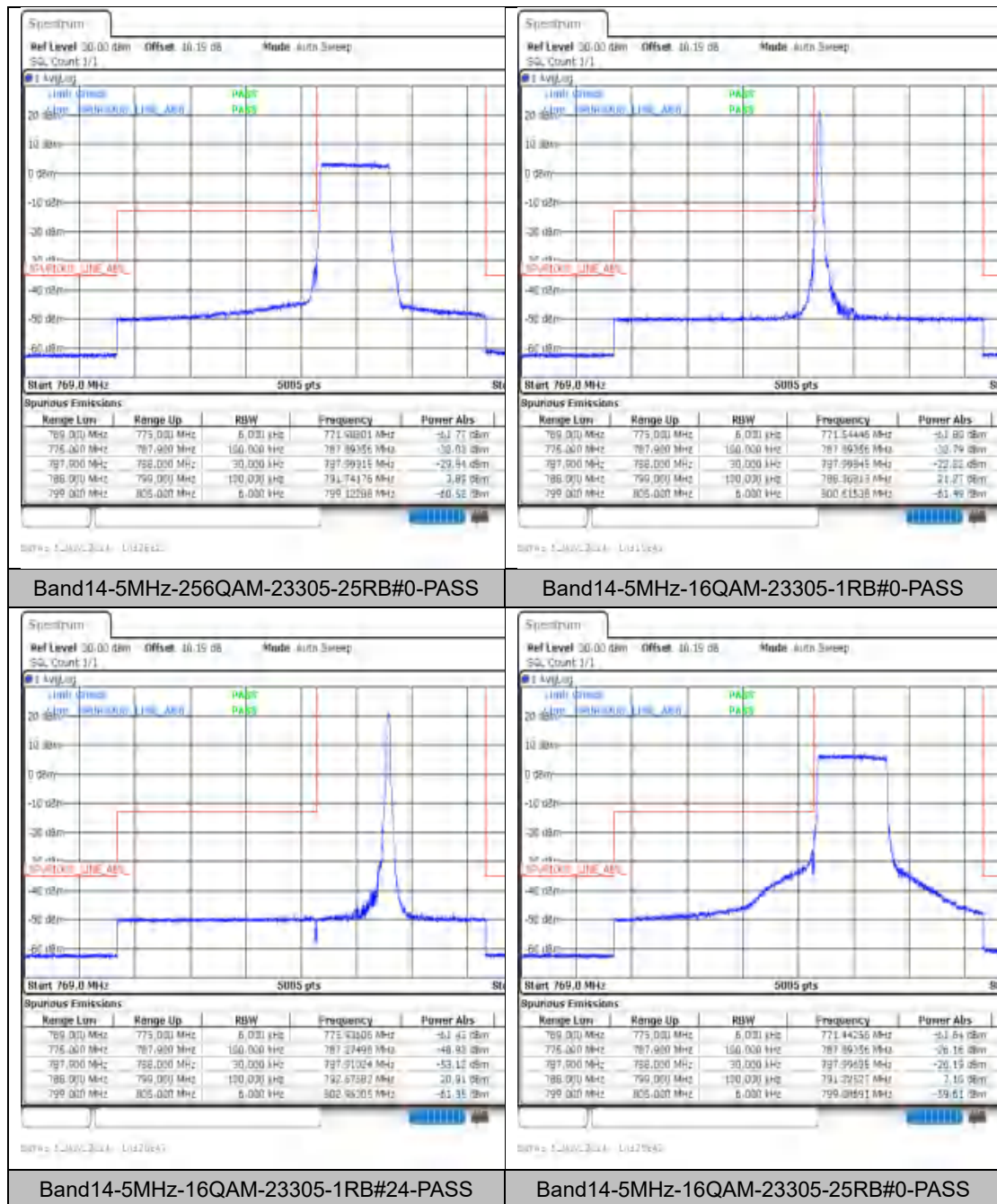
Band14-5MHz-64QAM-23305-1RB#24-PASS

Band14-5MHz-64QAM-23305-25RB#0-PASS



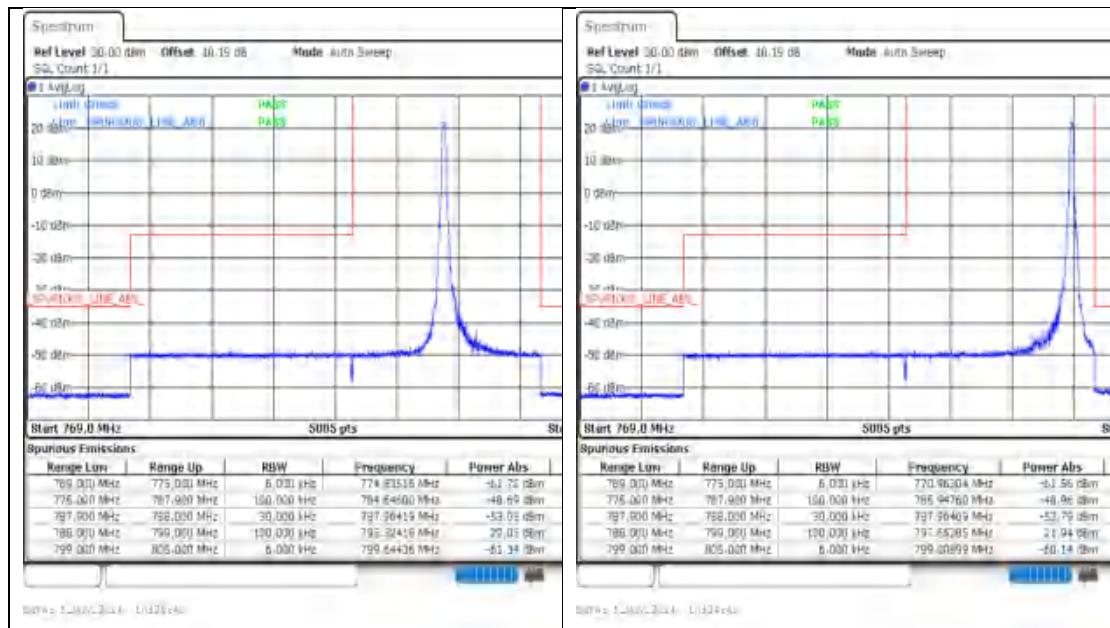
Band14-5MHz-256QAM-23305-1RB#0-PASS

Band14-5MHz-256QAM-23305-1RB#24-PASS



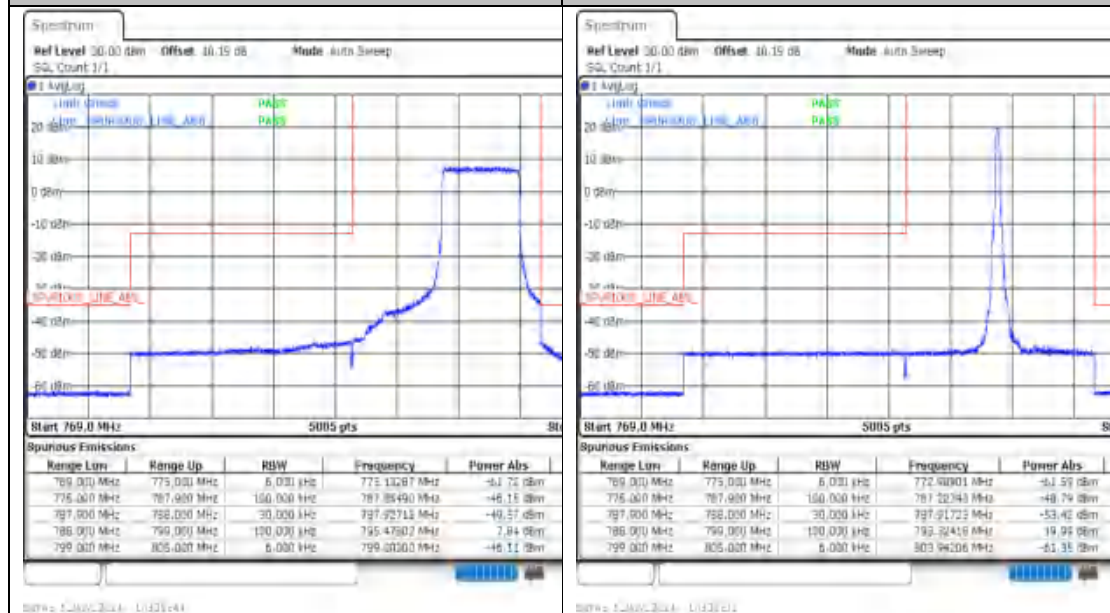
Band14-5MHz-16QAM-23305-1RB#24-PASS

Band14-5MHz-16QAM-23305-25RB#0-PASS



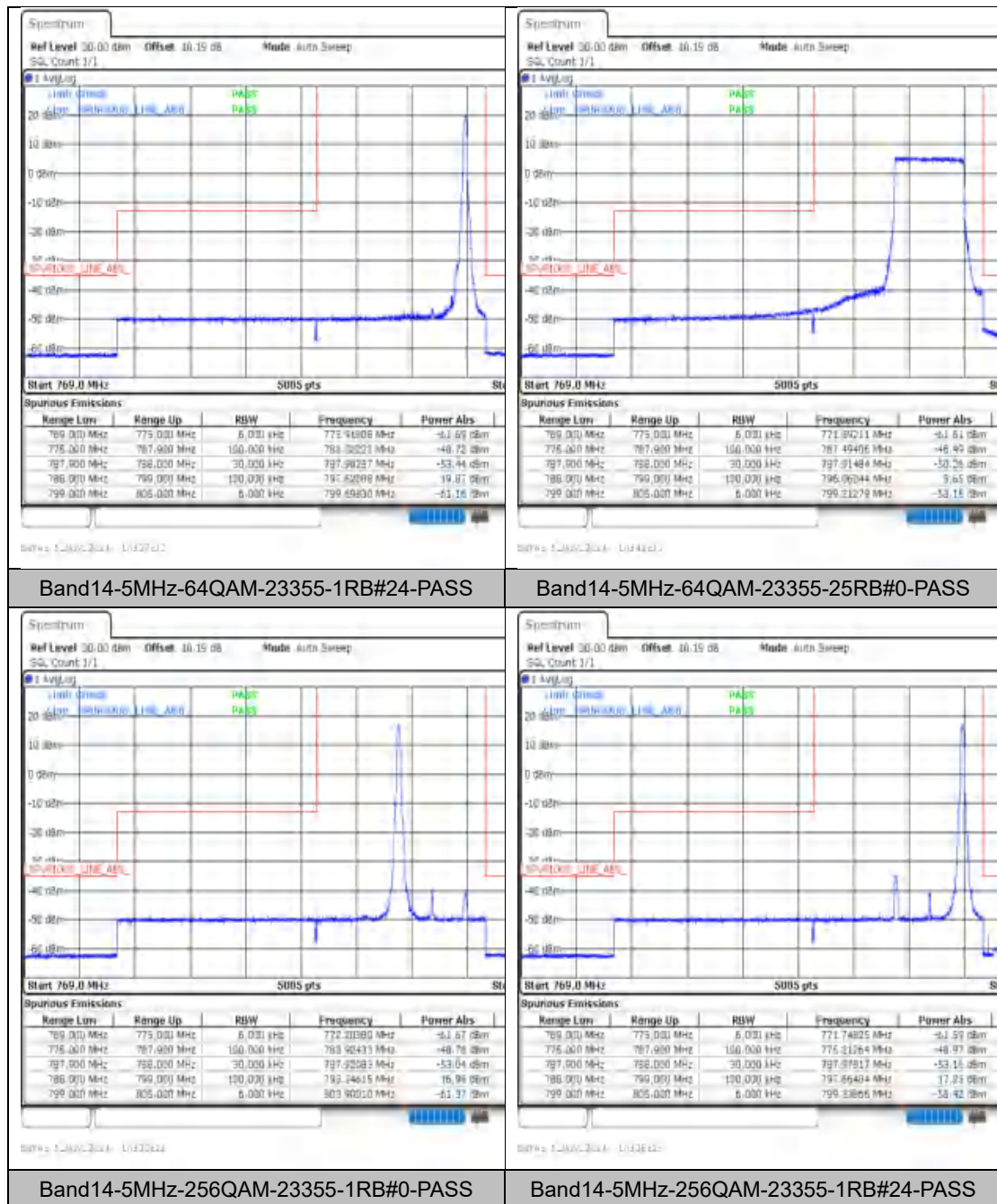
Band14-5MHz-QPSK-23355-1RB#0-PASS

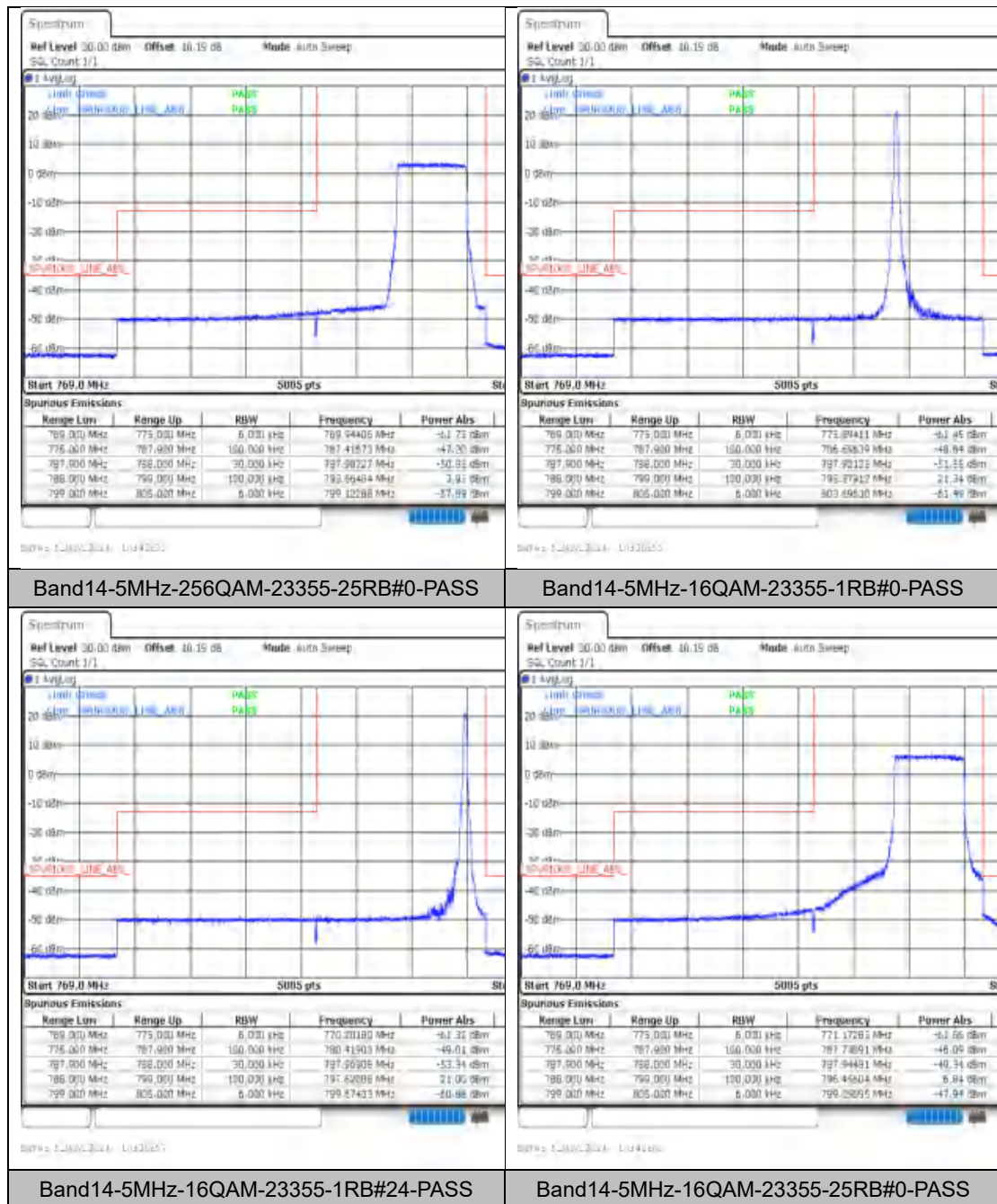
Band14-5MHz-QPSK-23355-1RB#24-PASS

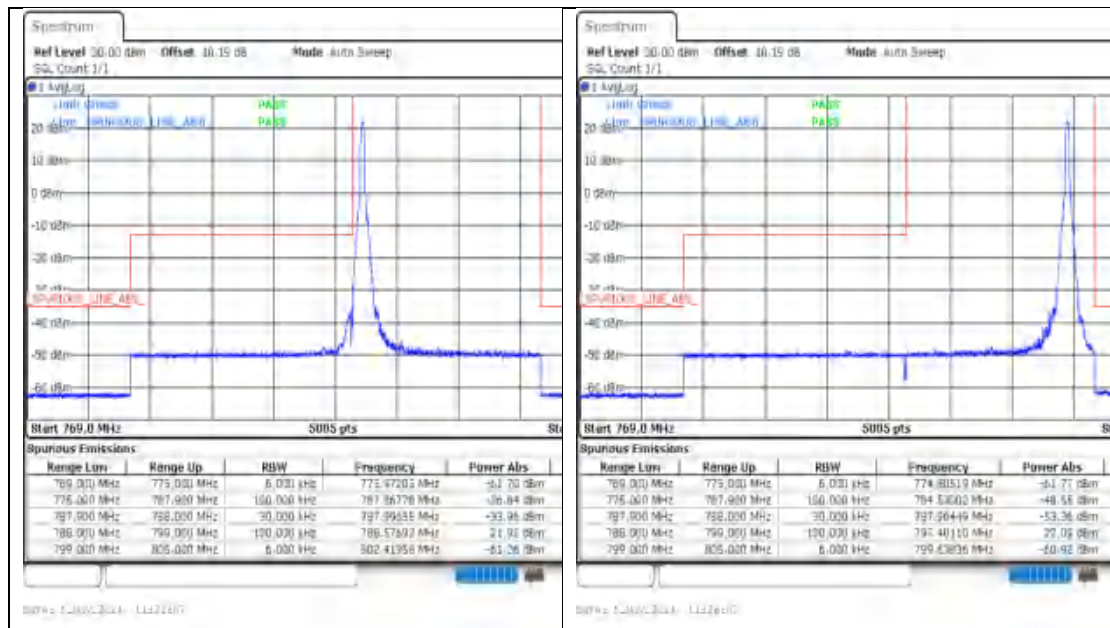


Band14-5MHz-QPSK-23355-25RB#0-PASS

Band14-5MHz-64QAM-23355-1RB#0-PASS

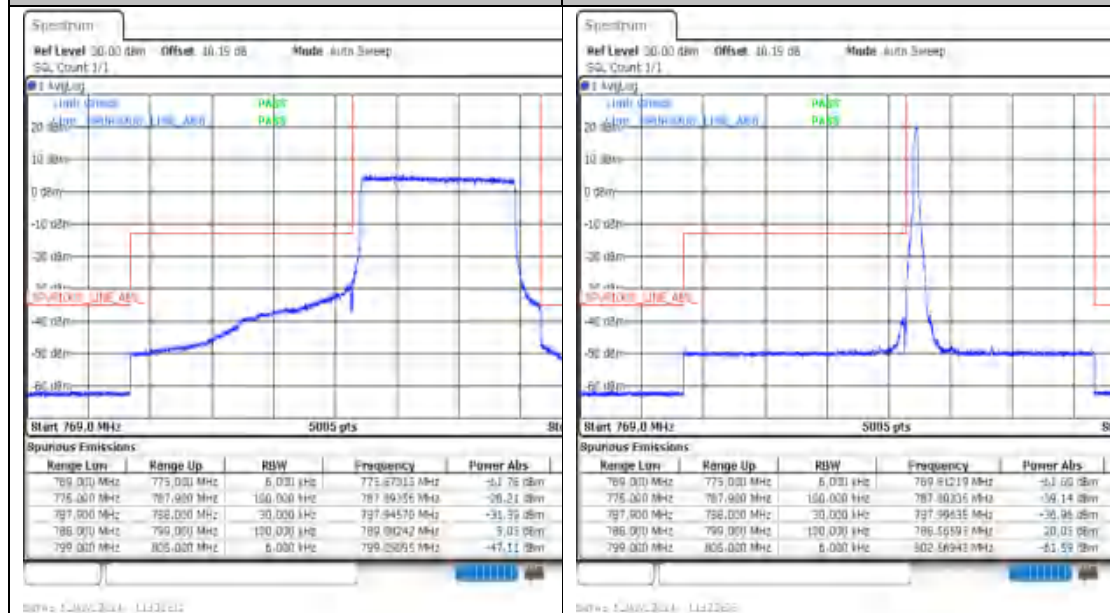






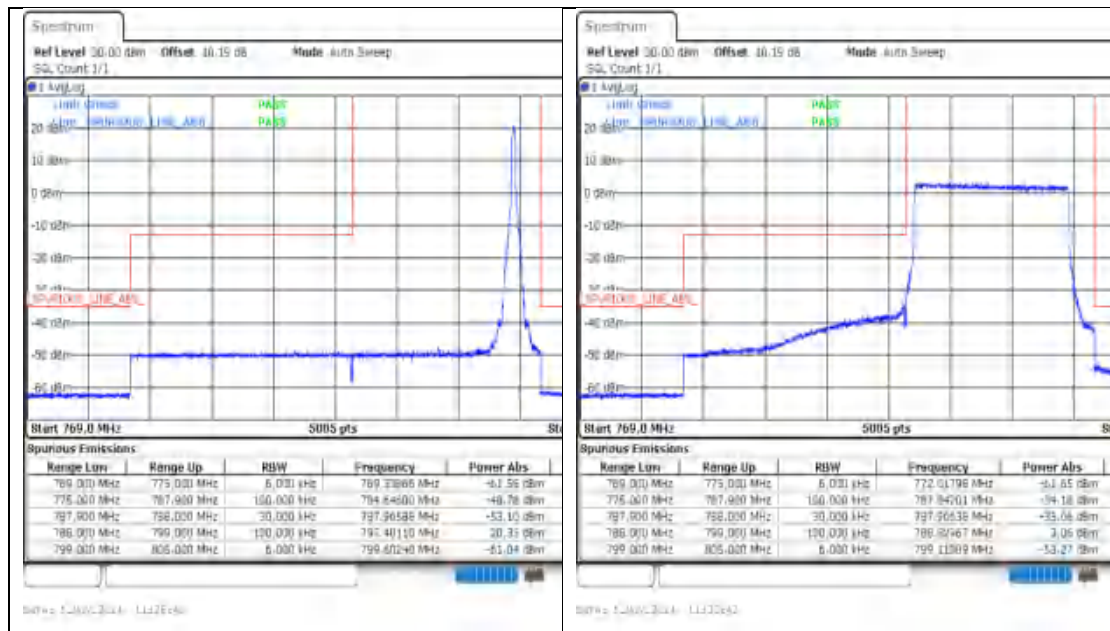
Band14-10MHz-QPSK-23330-1RB#0-PASS

Band14-10MHz-QPSK-23330-1RB#49-PASS



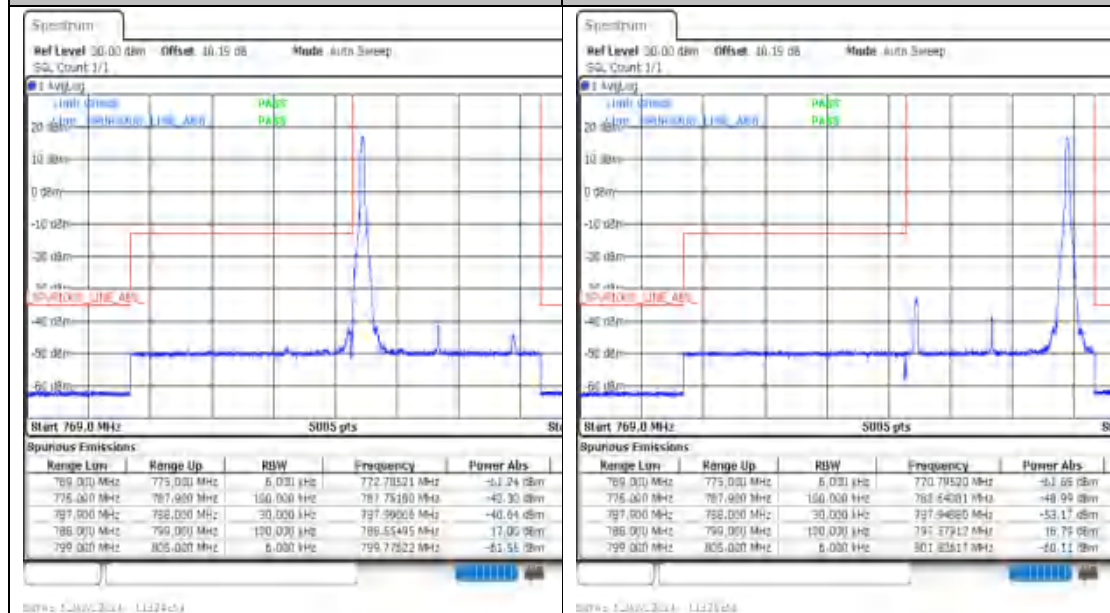
Band14-10MHz-QPSK-23330-50RB#0-PASS

Band14-10MHz-64QAM-23330-1RB#0-PASS



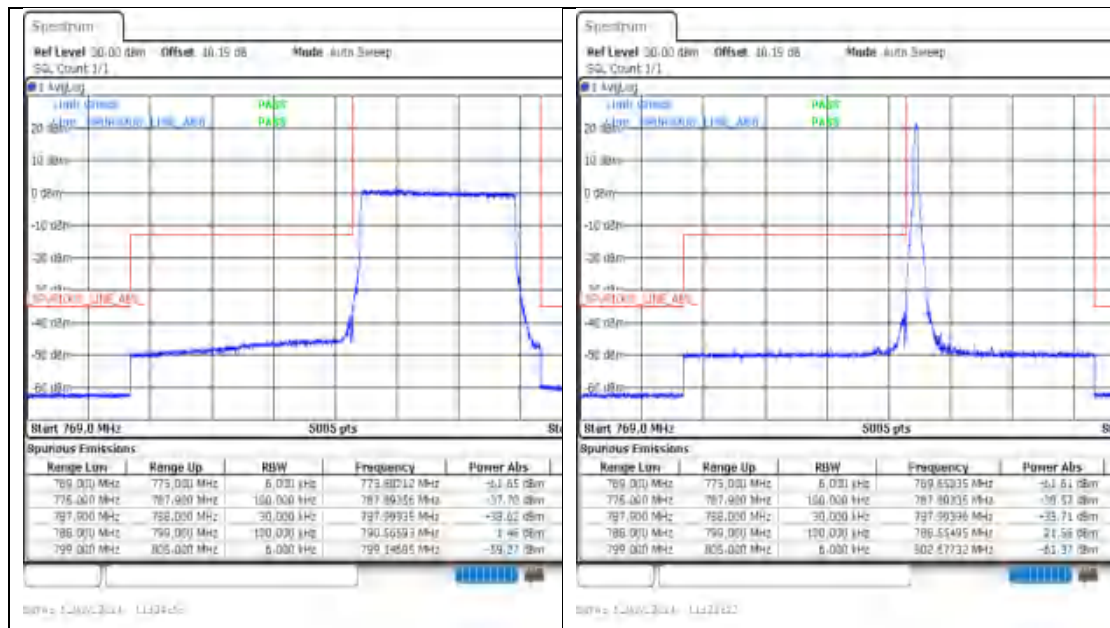
Band14-10MHz-64QAM-23330-1RB#49-PASS

Band14-10MHz-64QAM-23330-50RB#0-PASS



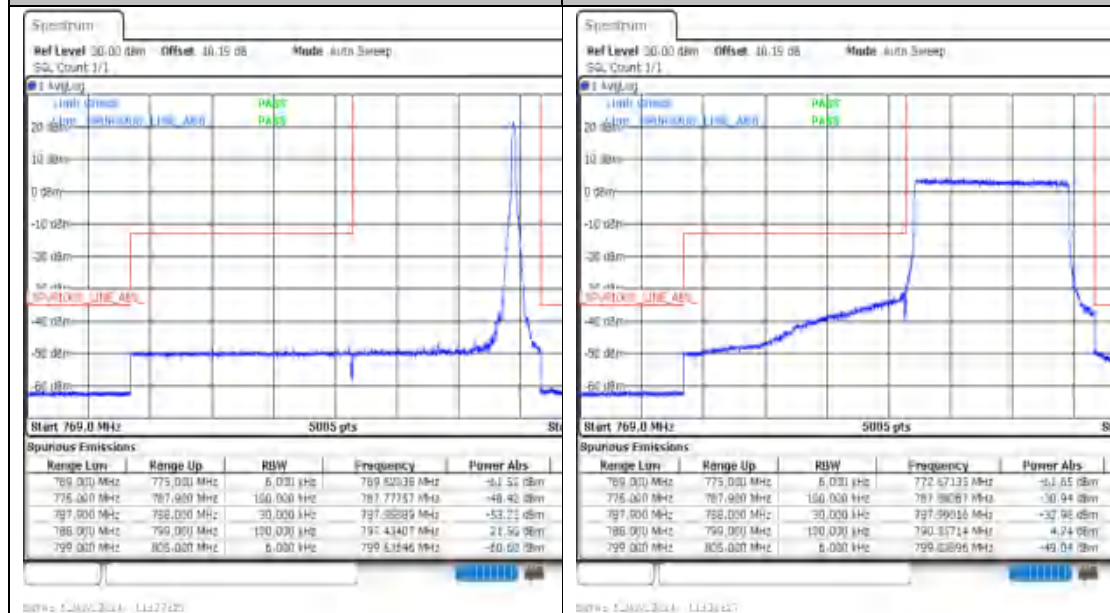
Band14-10MHz-256QAM-23330-1RB#0-PASS

Band14-10MHz-256QAM-23330-1RB#49-PASS



Band14-10MHz-256QAM-23330-50RB#0-PASS

Band14-10MHz-16QAM-23330-1RB#0-PASS



Band14-10MHz-16QAM-23330-1RB#49-PASS

Band14-10MHz-16QAM-23330-50RB#0-PASS

## Appendix: Spectrum Emission Mask

### Test Result

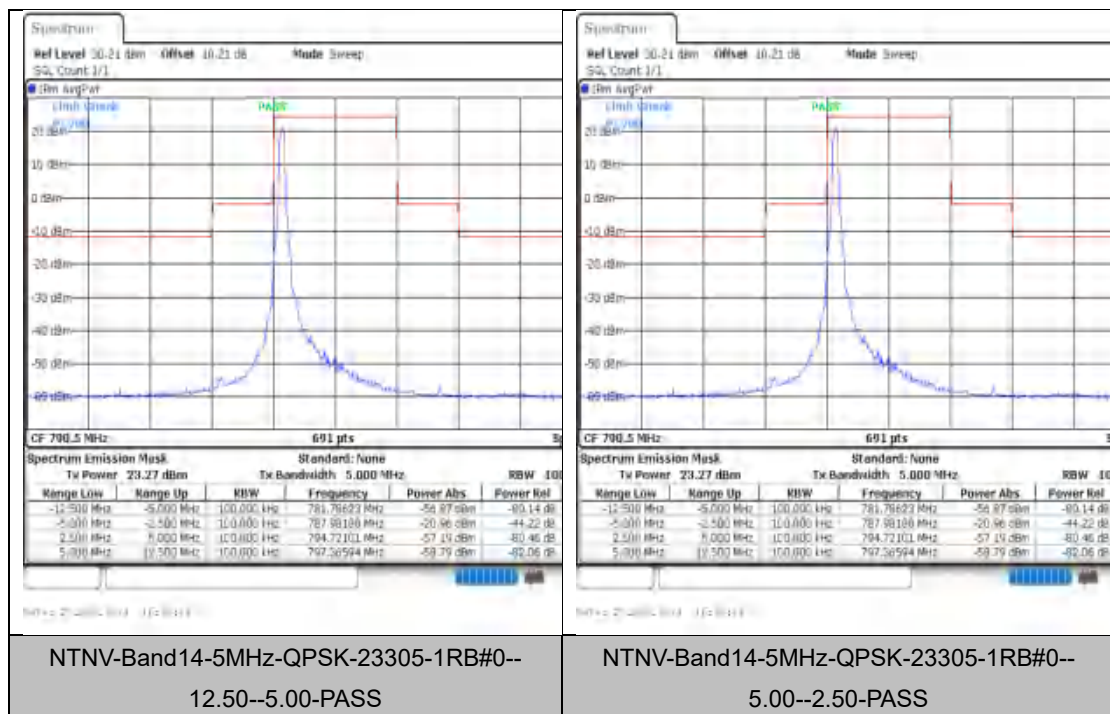
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Limit | Verdict |
|--------|-----------|------------|---------|------------------|-------------|-------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | -80.14      | ≤-35  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | -44.23      | ≤-25  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | -80.46      | ≤-25  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | -82.06      | ≤-35  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | -82.3       | ≤-35  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | -78.13      | ≤-25  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | -43.02      | ≤-25  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | -79.12      | ≤-35  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | -58.56      | ≤-35  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | -45.31      | ≤-25  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | -45.71      | ≤-25  | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | -60.31      | ≤-35  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | -79.32      | ≤-35  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | -44.13      | ≤-25  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | -79.21      | ≤-25  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | -80.21      | ≤-35  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | -80.24      | ≤-35  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | -78.21      | ≤-25  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | -43.81      | ≤-25  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | -79.28      | ≤-35  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | -62.01      | ≤-35  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | -46.96      | ≤-25  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | -46.47      | ≤-25  | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | -64.38      | ≤-35  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | -75.82      | ≤-35  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | -44.57      | ≤-25  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | -76.51      | ≤-25  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | -75.94      | ≤-35  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#24           | -76.19      | ≤-35  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#24           | -75.23      | ≤-25  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#24           | -44.3       | ≤-25  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#24           | -75.78      | ≤-35  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 25RB#0           | -66.65      | ≤-35  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 25RB#0           | -47.69      | ≤-25  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 25RB#0           | -47.97      | ≤-25  | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 25RB#0           | -68.56      | ≤-35  | PASS    |

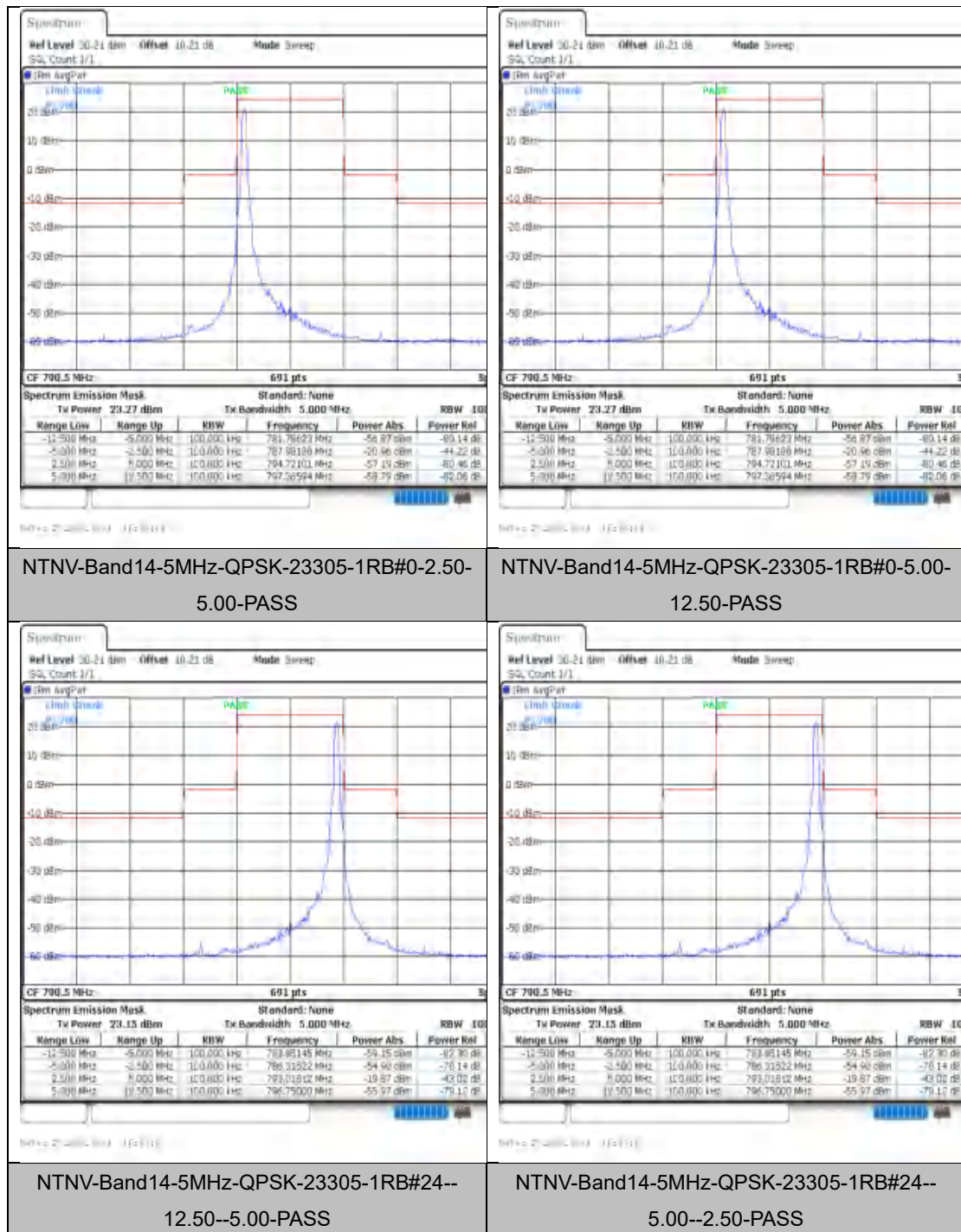
|        |      |        |       |        |        |      |      |
|--------|------|--------|-------|--------|--------|------|------|
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | -80.08 | ≤-35 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | -43.57 | ≤-25 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | -79.97 | ≤-25 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | -81.51 | ≤-35 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | -81.27 | ≤-35 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | -77.16 | ≤-25 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | -43.87 | ≤-25 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | -77.06 | ≤-35 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | -59.61 | ≤-35 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | -45.77 | ≤-25 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | -46.69 | ≤-25 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | -61.73 | ≤-35 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | -75.92 | ≤-35 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | -42.98 | ≤-25 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | -80.01 | ≤-25 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | -82.37 | ≤-35 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | -82    | ≤-35 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | -79.58 | ≤-25 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | -43.44 | ≤-25 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | -81.07 | ≤-35 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | -59.88 | ≤-35 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | -46.17 | ≤-25 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | -46.71 | ≤-25 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | -63.34 | ≤-35 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | -79.27 | ≤-35 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | -44.57 | ≤-25 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | -79.11 | ≤-25 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | -80.45 | ≤-35 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | -80.36 | ≤-35 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | -78.9  | ≤-25 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | -43.86 | ≤-25 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | -79.97 | ≤-35 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | -63.63 | ≤-35 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | -46.99 | ≤-25 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | -47.1  | ≤-25 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | -66.07 | ≤-35 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | -75.08 | ≤-35 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | -44.87 | ≤-25 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | -76.49 | ≤-25 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | -76.88 | ≤-35 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | -76.32 | ≤-35 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | -75.32 | ≤-25 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | -44.28 | ≤-25 | PASS |

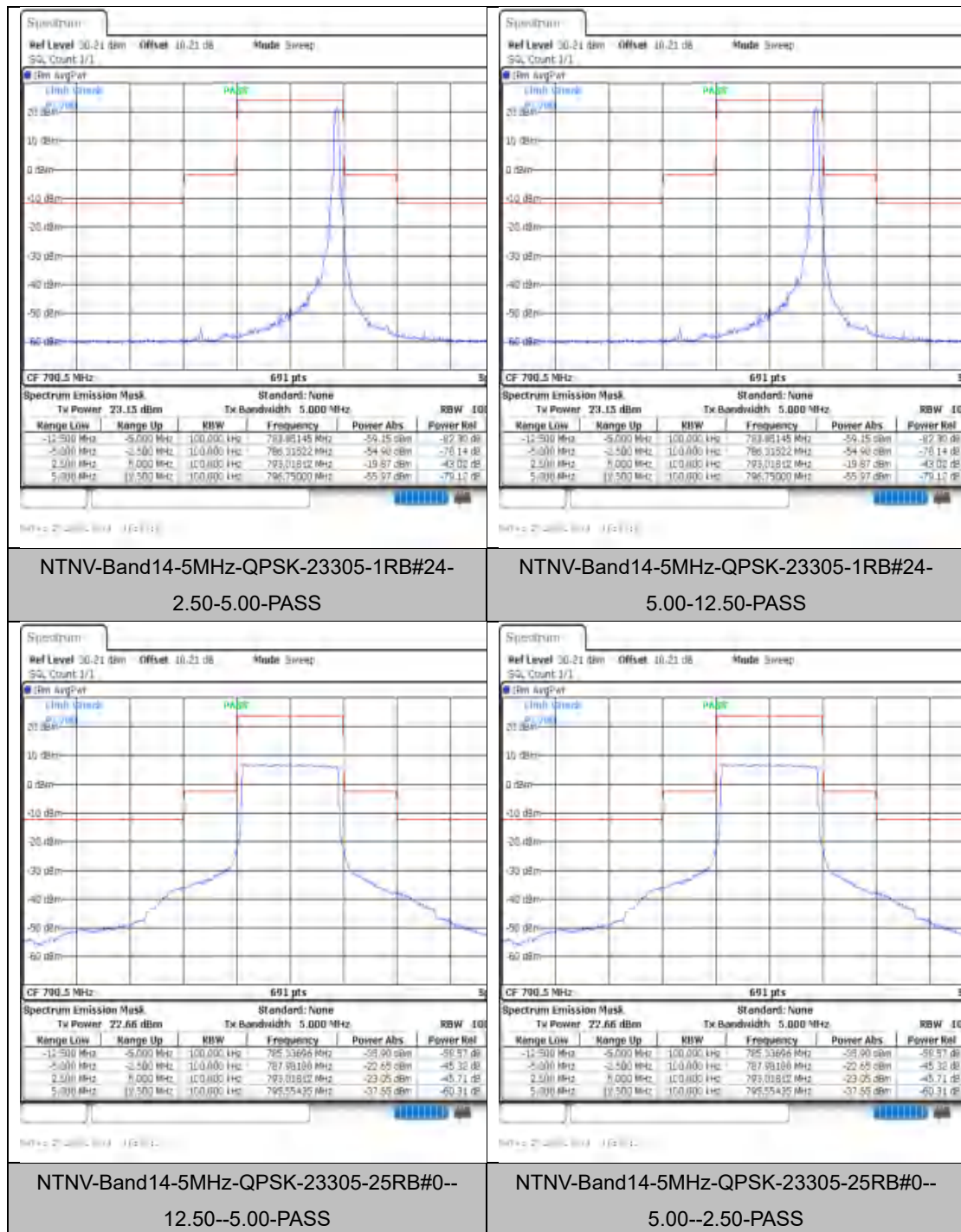
|        |       |        |       |        |        |      |      |
|--------|-------|--------|-------|--------|--------|------|------|
| Band14 | 5MHz  | 256QAM | 23355 | 1RB#24 | -76.82 | ≤-35 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | -67.47 | ≤-35 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | -47.05 | ≤-25 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | -46.42 | ≤-25 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | -69.93 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | -77.99 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | -43.97 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | -79.8  | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | -81.28 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | -81.46 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | -78.72 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | -43.64 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | -78.05 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | -60.84 | ≤-35 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | -46.82 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | -47.17 | ≤-25 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | -64.08 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | -80.6  | ≤-35 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | -56.79 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | -80.4  | ≤-25 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | -82.2  | ≤-35 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | -82.37 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | -79.88 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | -57.3  | ≤-25 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | -81.78 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | -60.73 | ≤-35 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | -51.5  | ≤-25 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | -53.29 | ≤-25 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | -69.4  | ≤-35 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | -80.36 | ≤-35 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | -57.58 | ≤-25 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | -80.1  | ≤-25 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | -80.62 | ≤-35 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | -80.7  | ≤-35 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | -77.95 | ≤-25 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | -58.71 | ≤-25 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | -80.24 | ≤-35 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | -63.66 | ≤-35 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | -54.24 | ≤-25 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | -55.17 | ≤-25 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | -71.99 | ≤-35 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | -76.59 | ≤-35 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | -57    | ≤-25 | PASS |

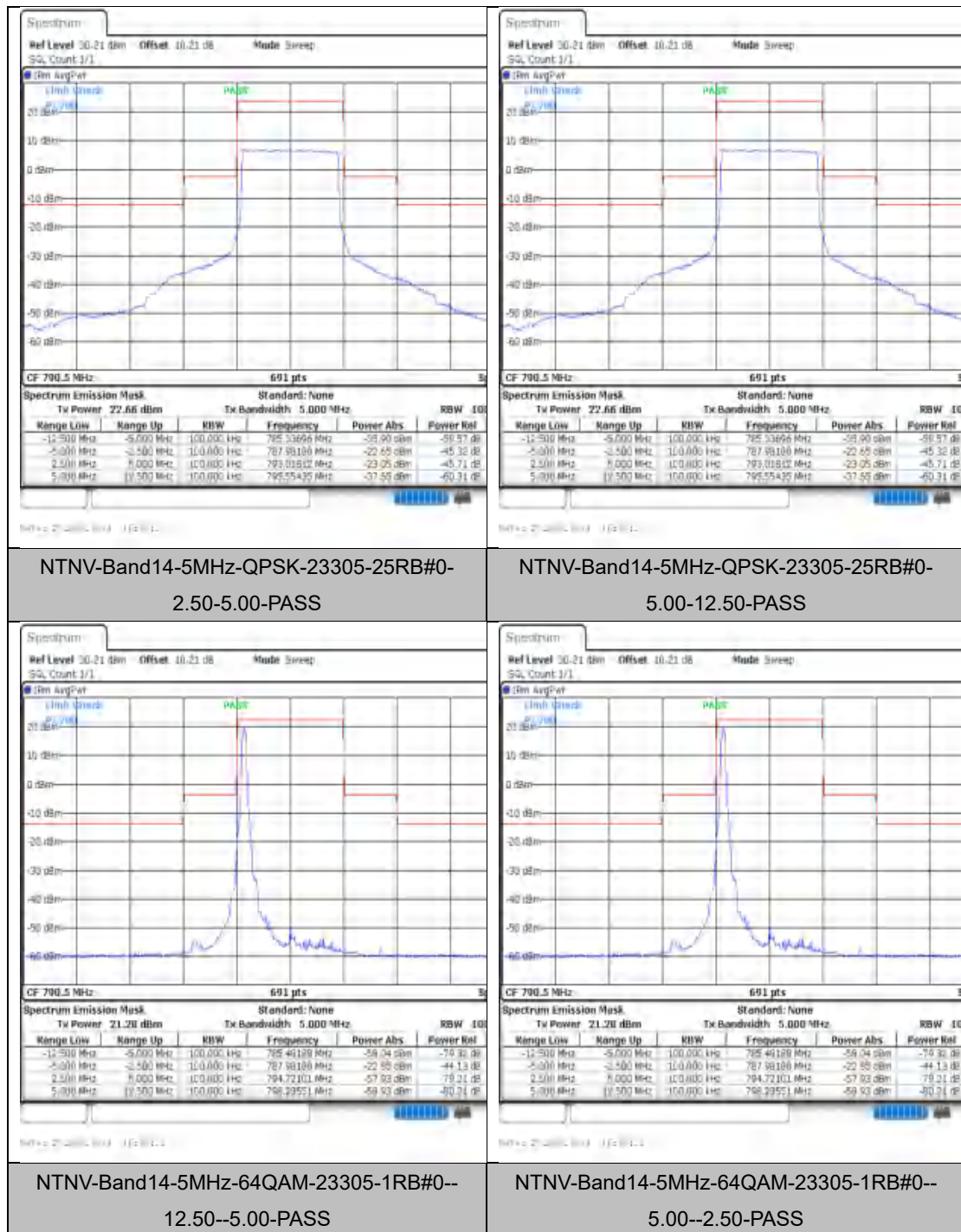
|        |       |        |       |        |        |      |      |
|--------|-------|--------|-------|--------|--------|------|------|
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | -77.47 | ≤-25 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | -77.4  | ≤-35 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | -76.69 | ≤-35 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | -74.66 | ≤-25 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | -57.84 | ≤-25 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | -77.03 | ≤-35 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | -67.83 | ≤-35 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | -54.97 | ≤-25 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | -57.34 | ≤-25 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | -73.72 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | -80.22 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | -56.92 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | -80.41 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | -80.98 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | -81.4  | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | -78.83 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | -57.02 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | -80.91 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | -61.21 | ≤-35 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | -53.34 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | -54.56 | ≤-25 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | -69.55 | ≤-35 | PASS |

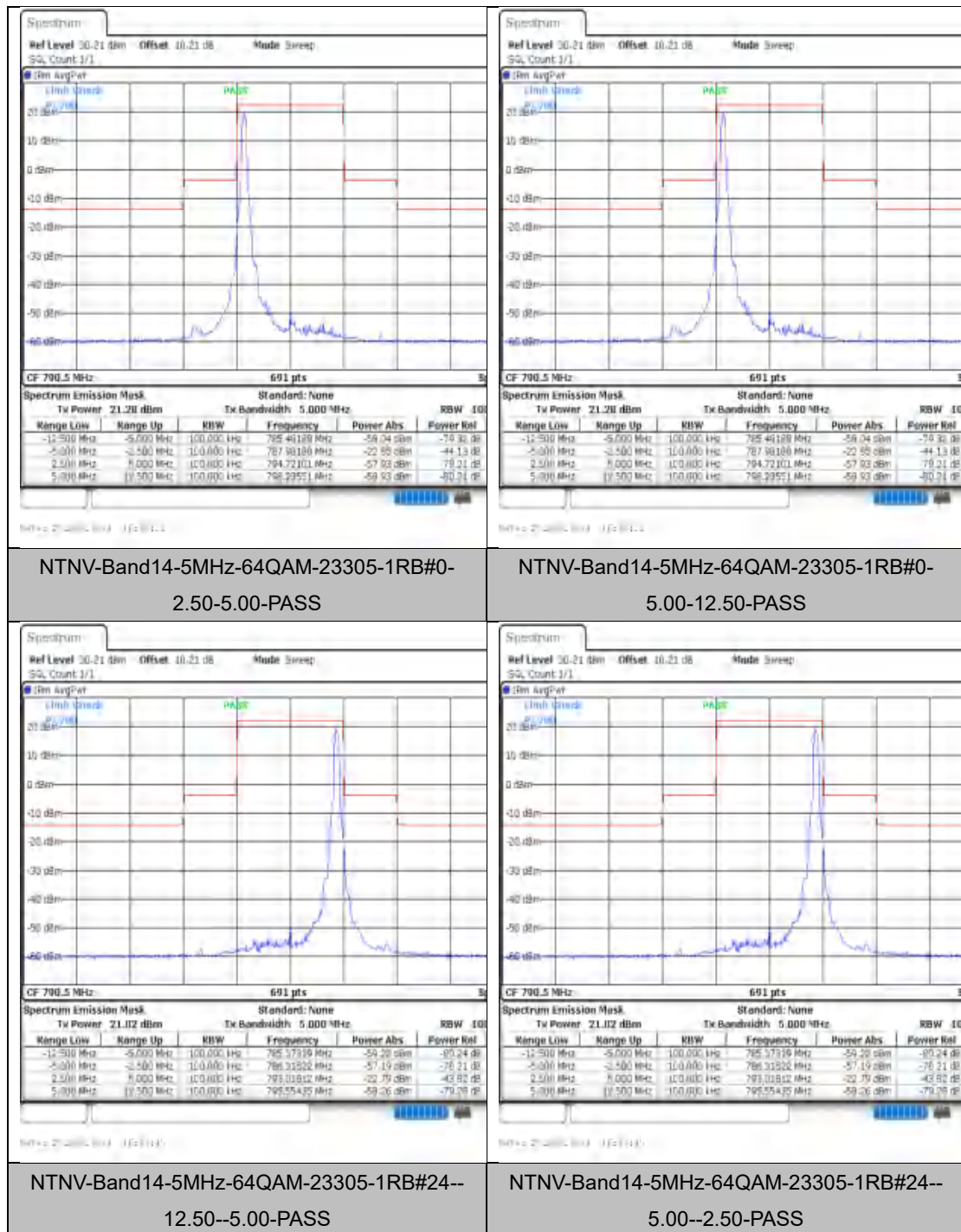
## Test Graphs

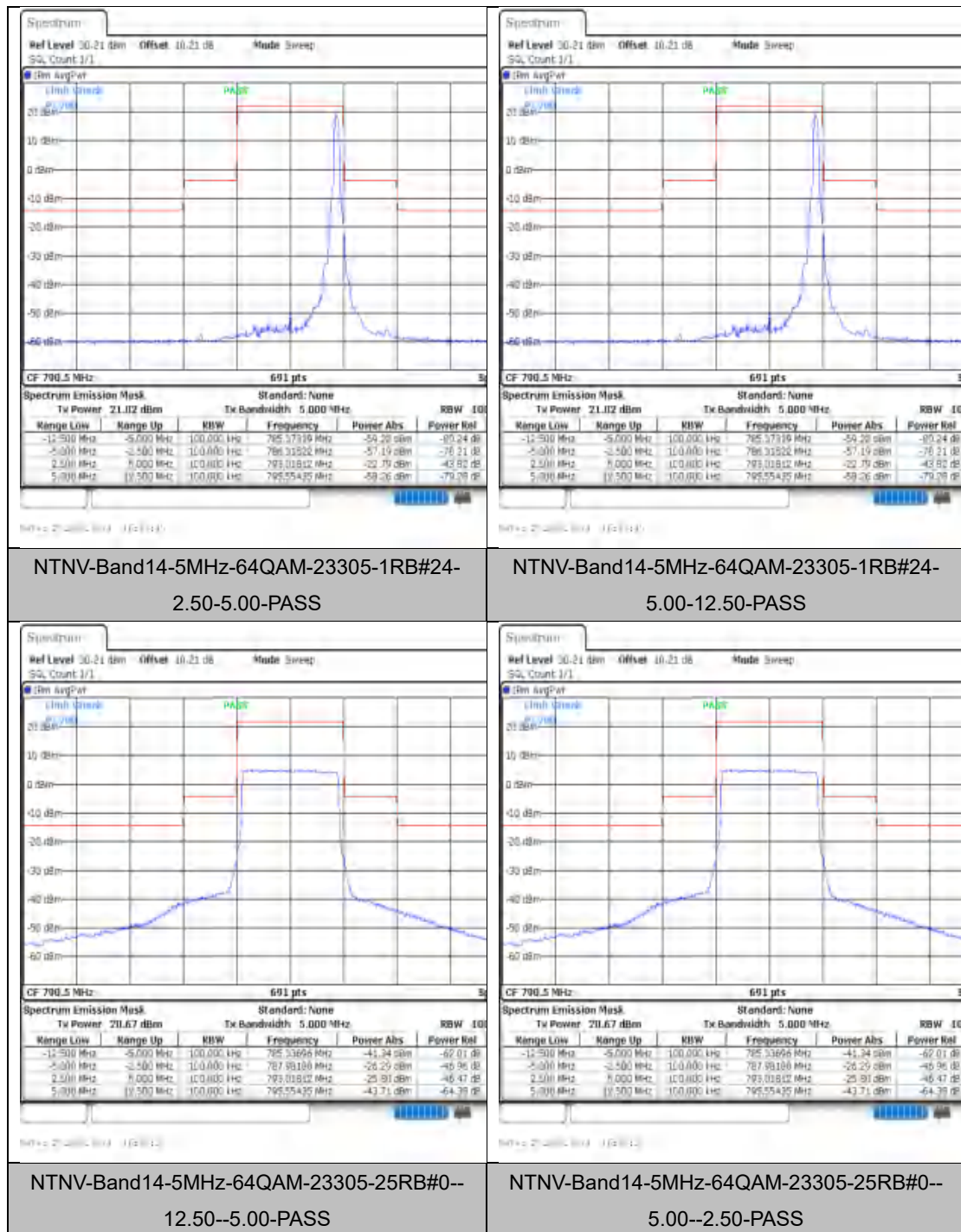


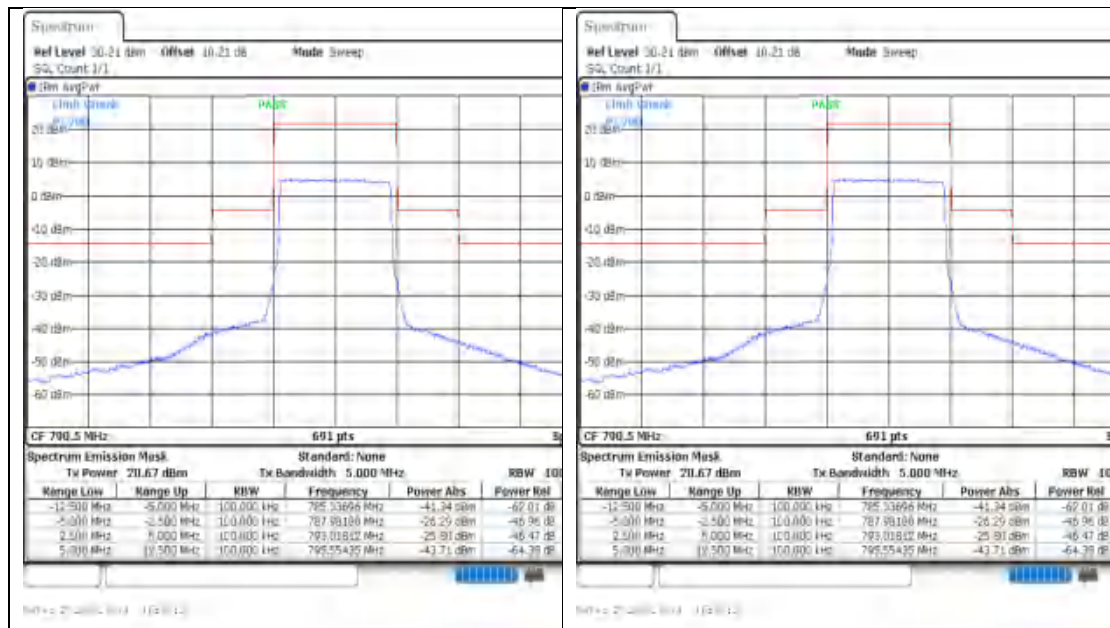






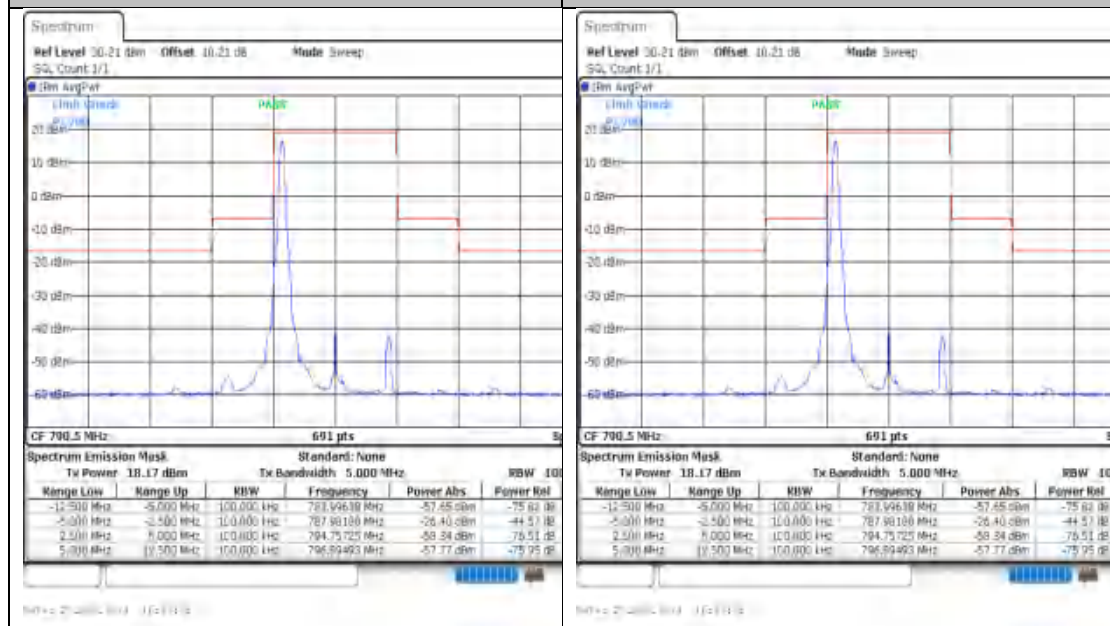






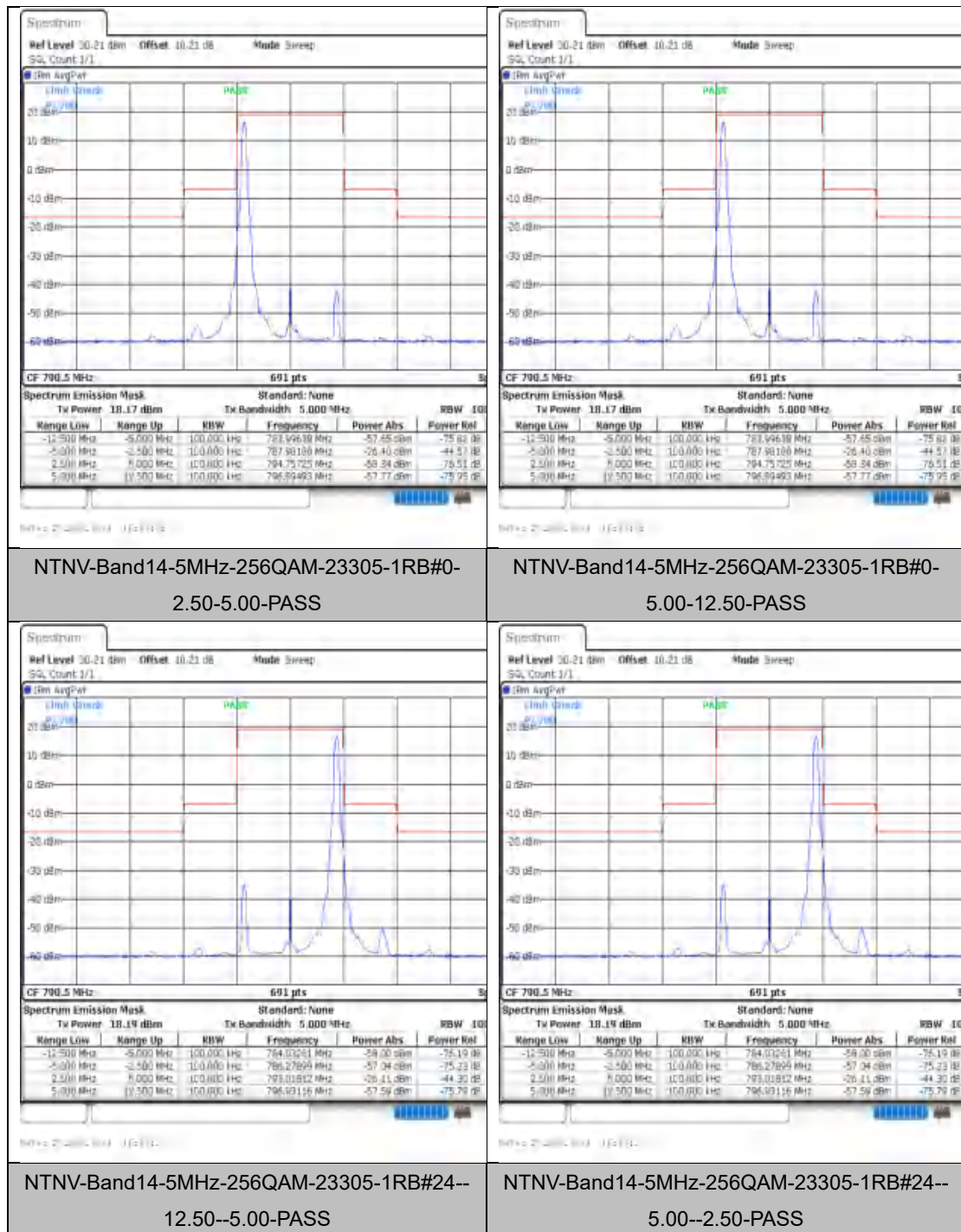
NTNV-Band14-5MHz-64QAM-23305-25RB#0-  
2.50-5.00-PASS

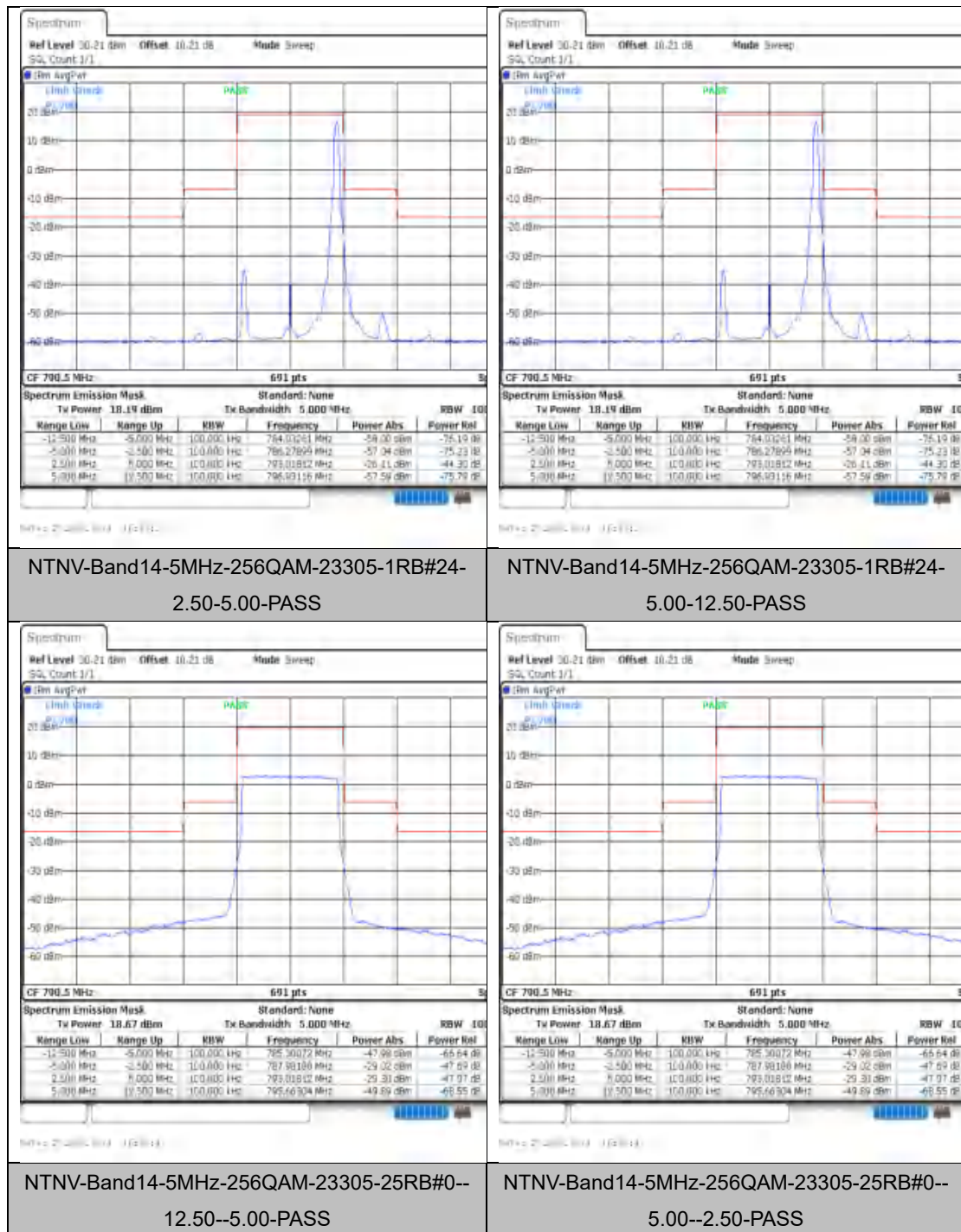
NTNV-Band14-5MHz-64QAM-23305-25RB#0-  
5.00-12.50-PASS

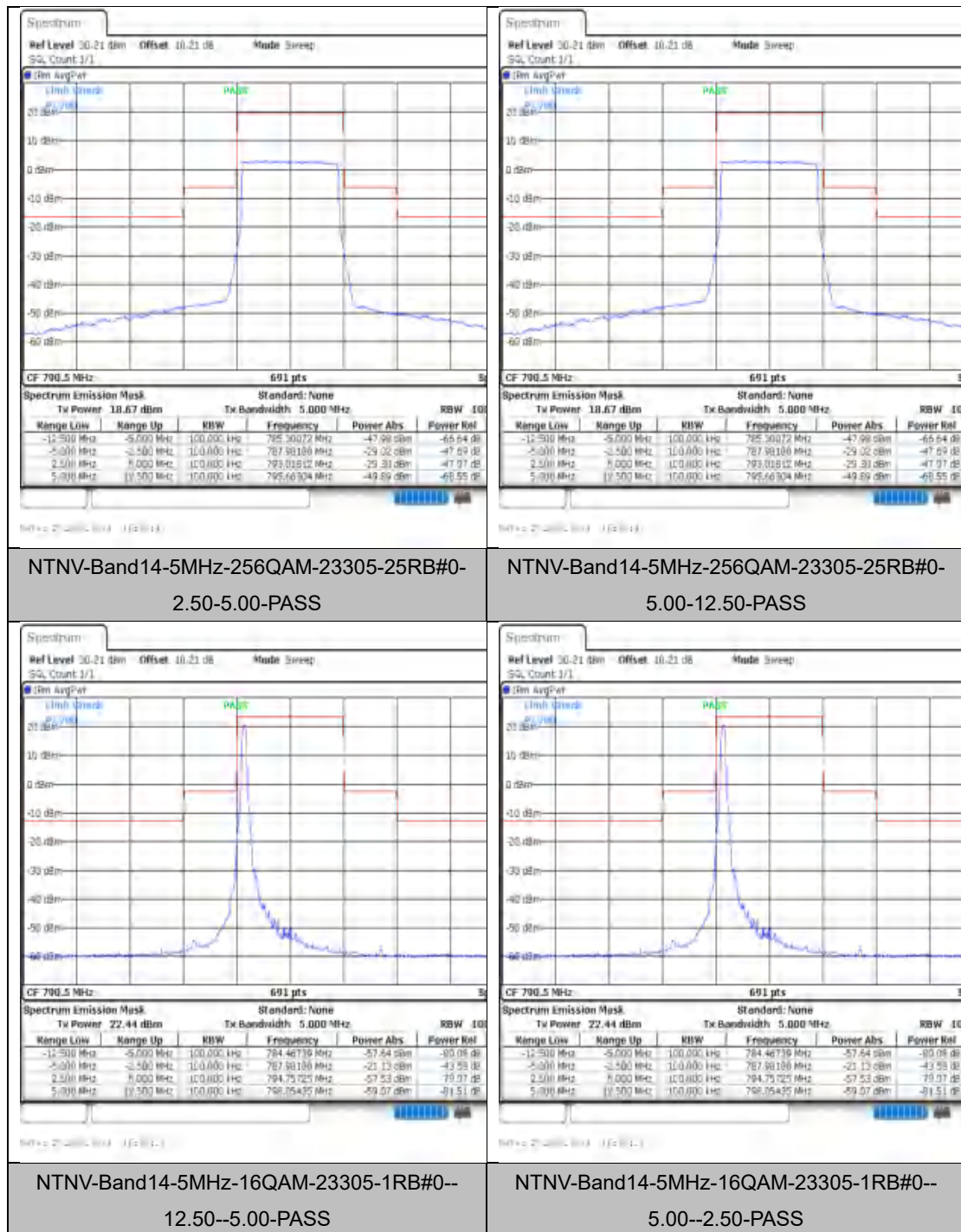


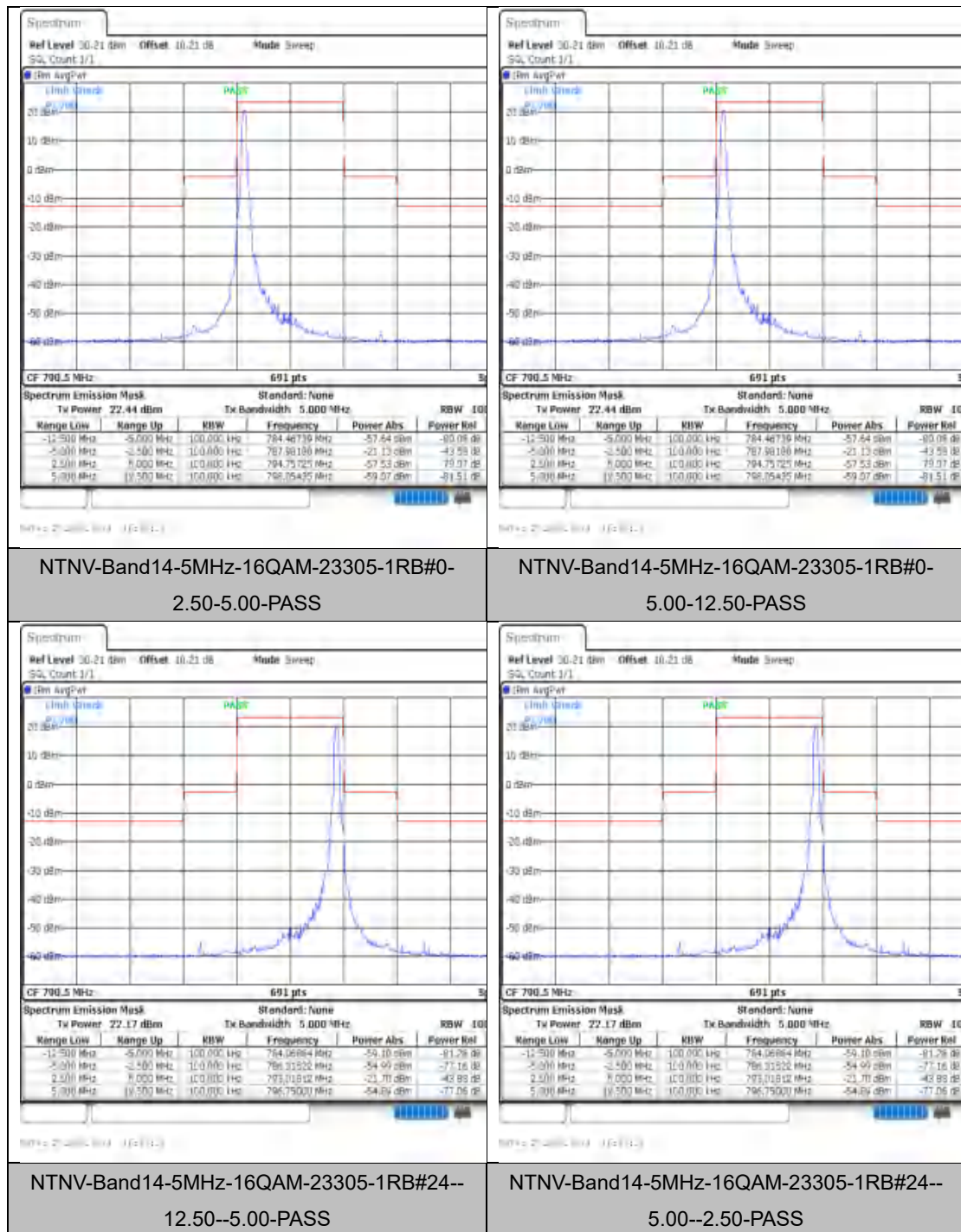
NTNV-Band14-5MHz-256QAM-23305-1RB#0--  
12.50--5.00-PASS

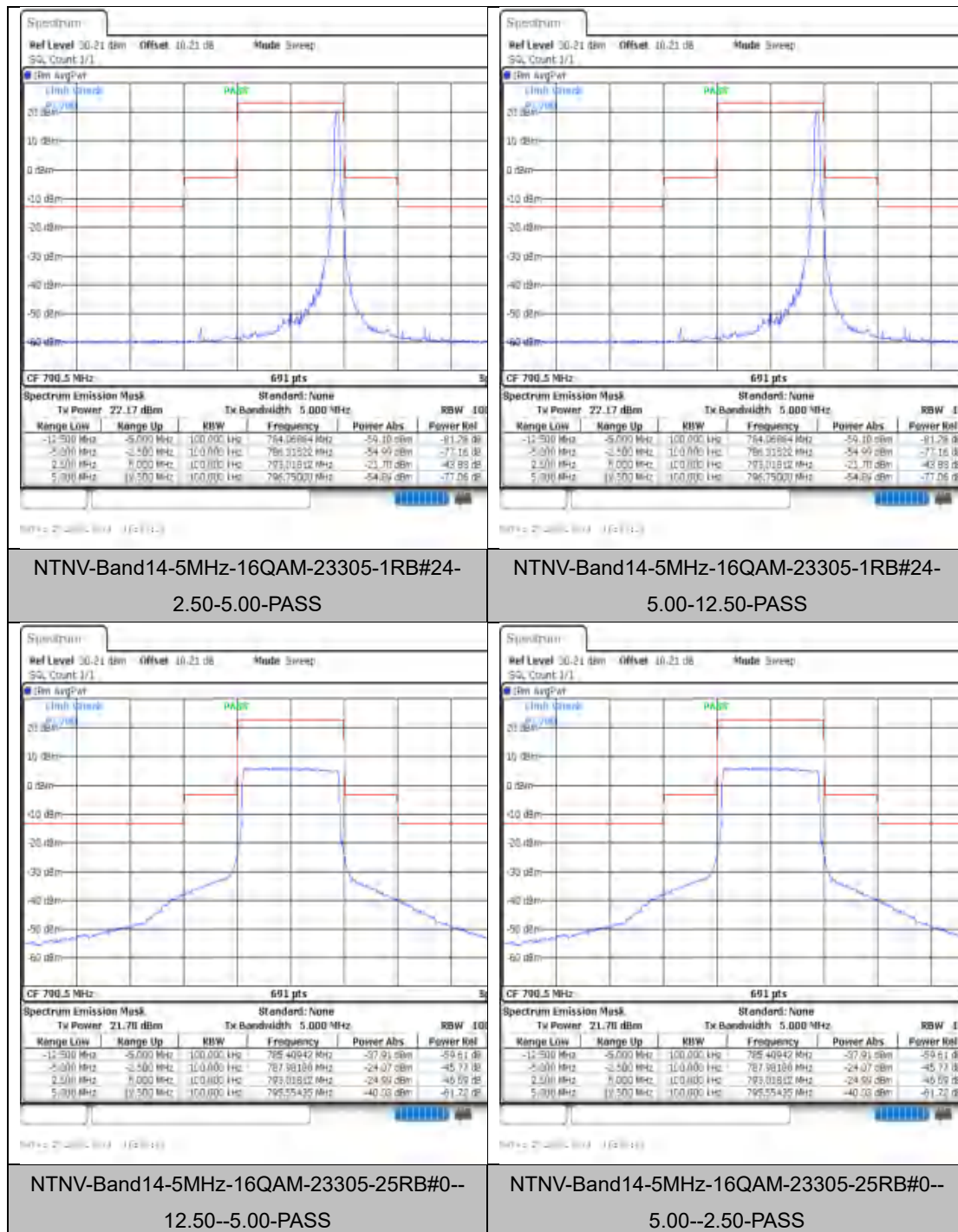
NTNV-Band14-5MHz-256QAM-23305-1RB#0--  
5.00--2.50-PASS

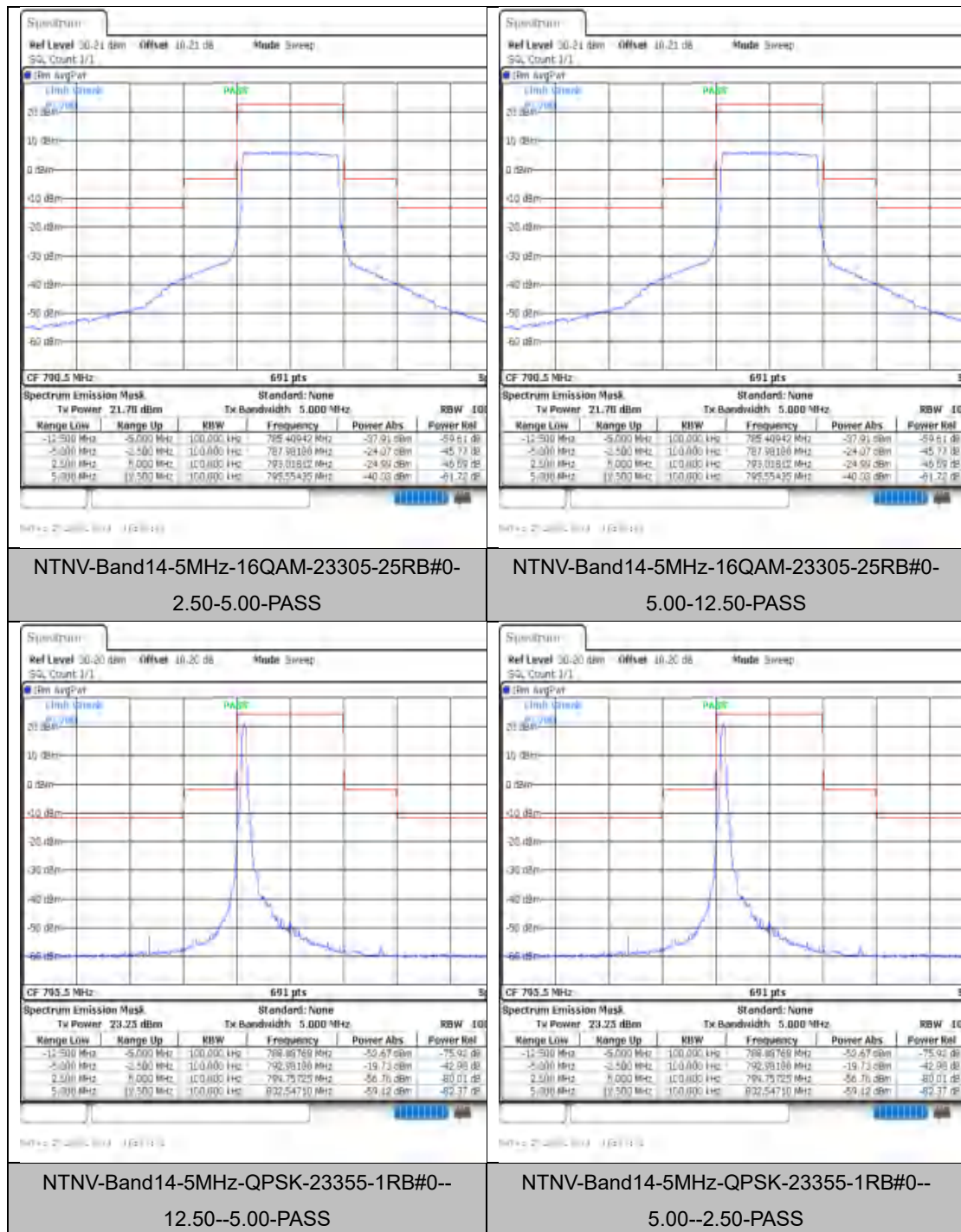


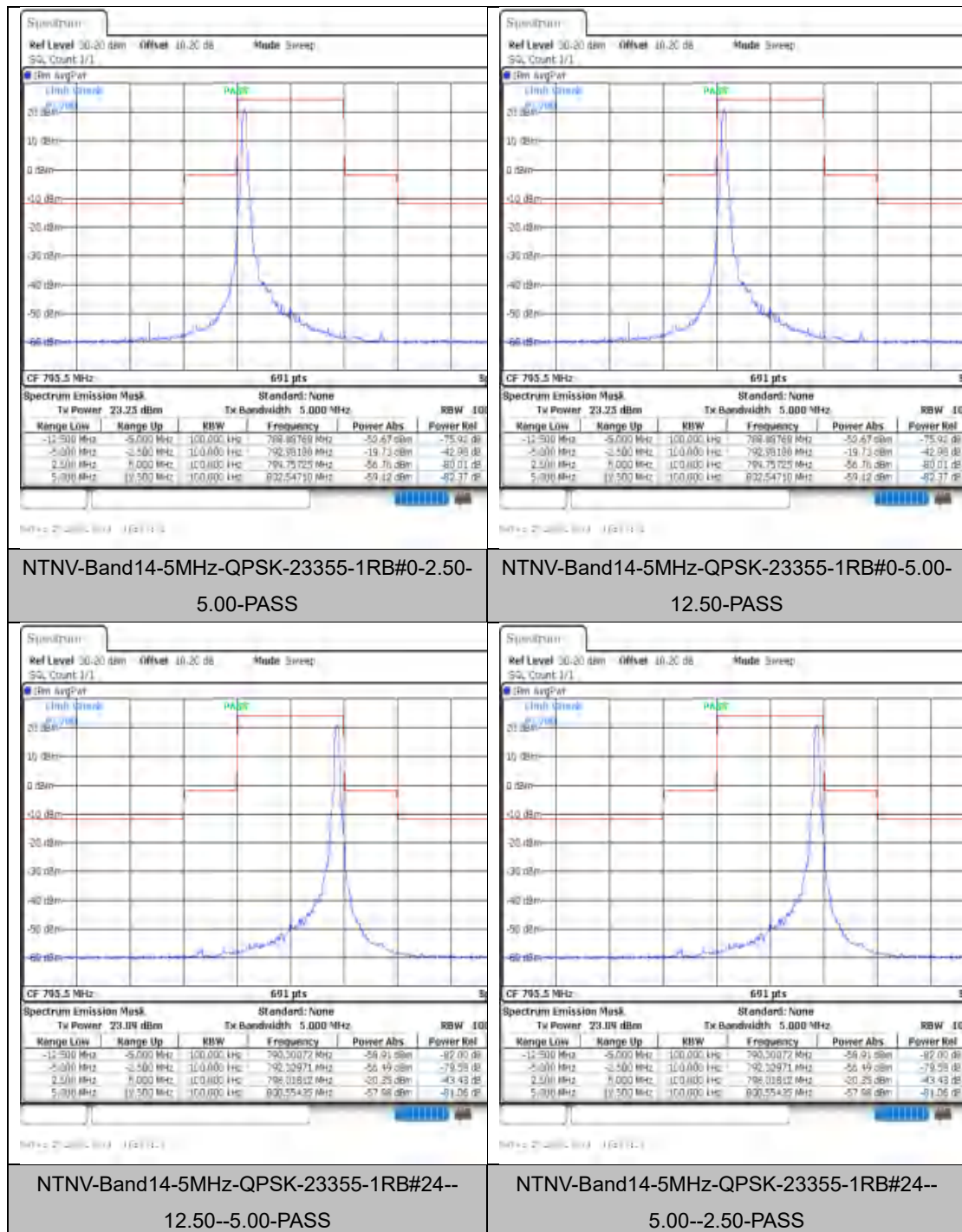


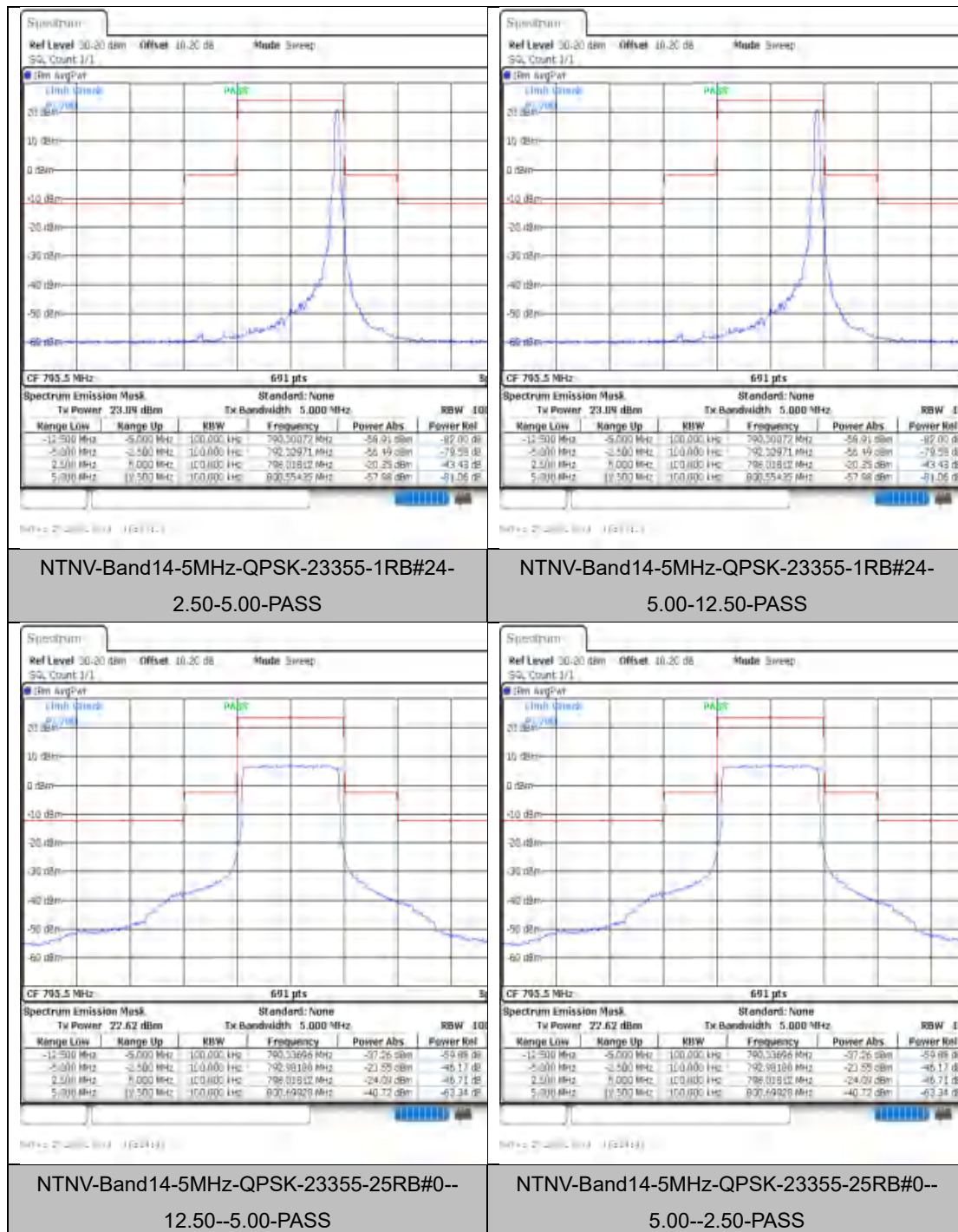


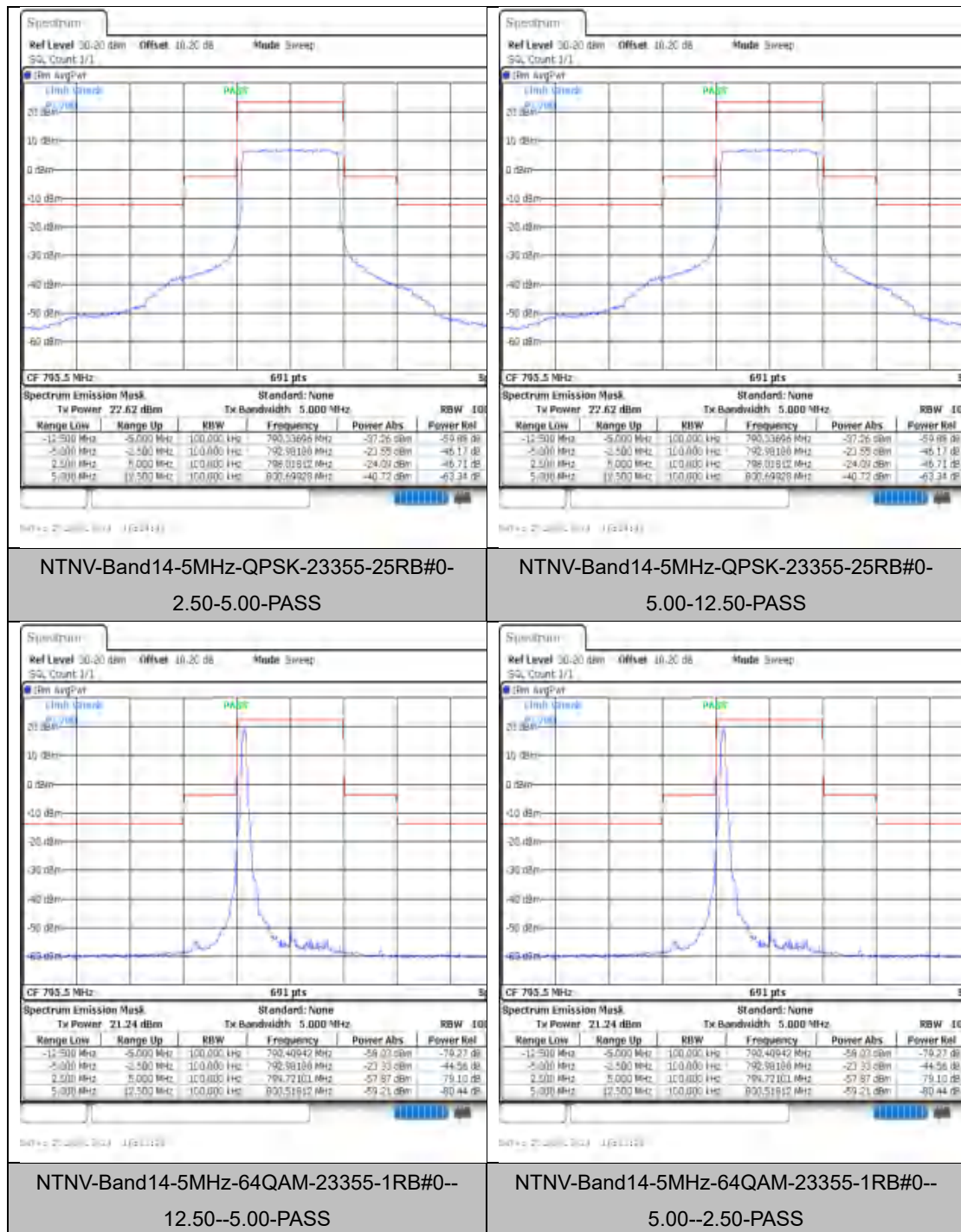


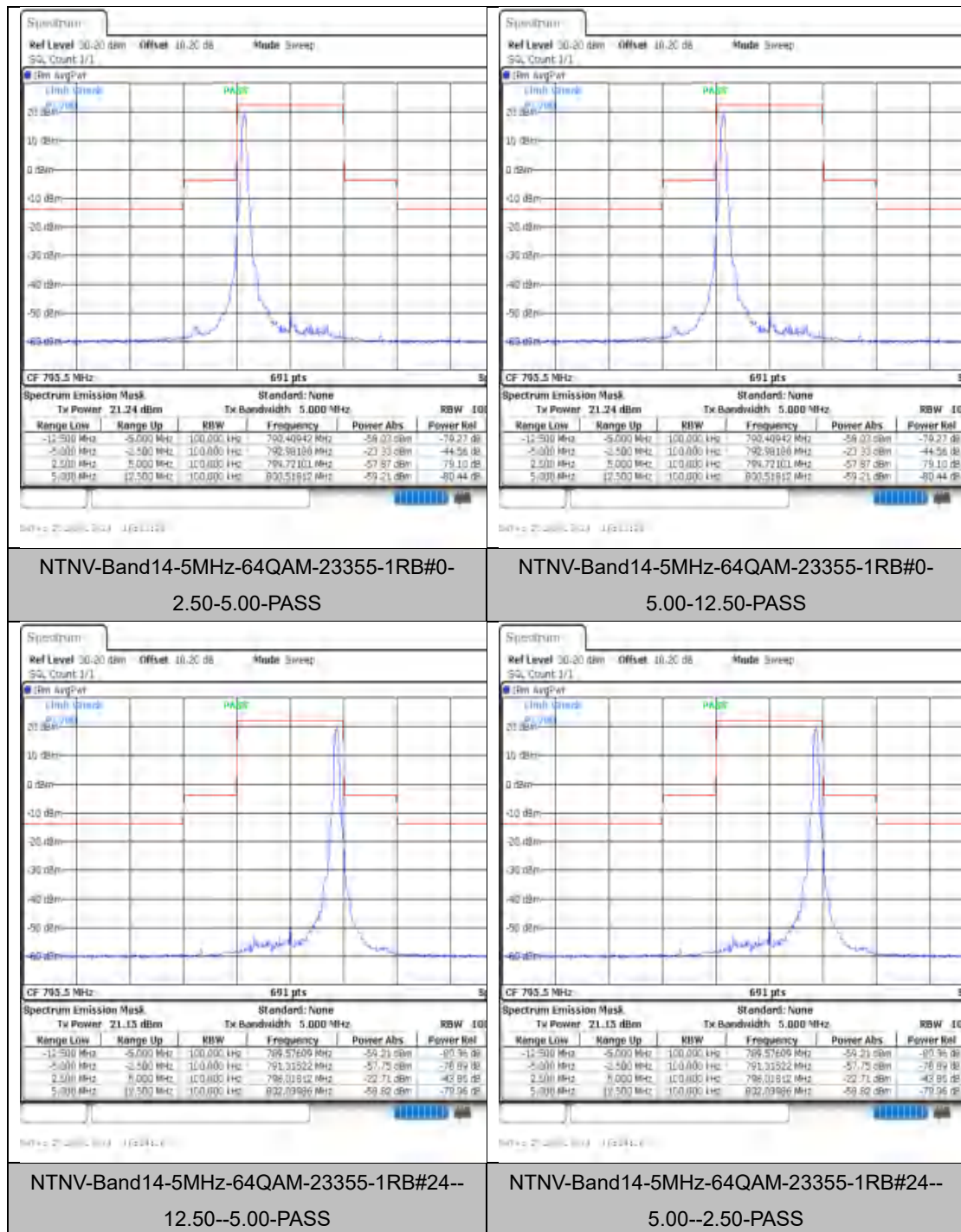


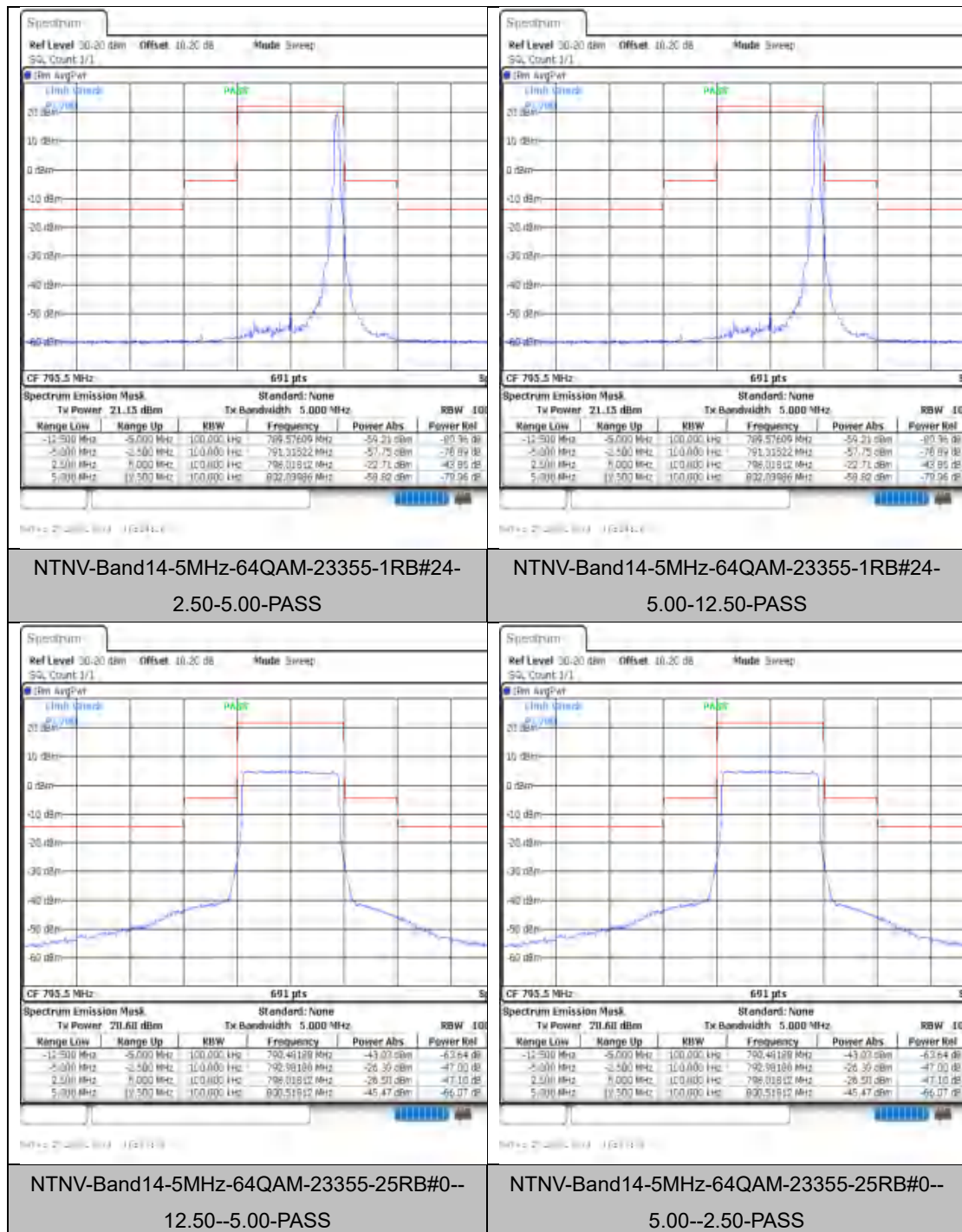










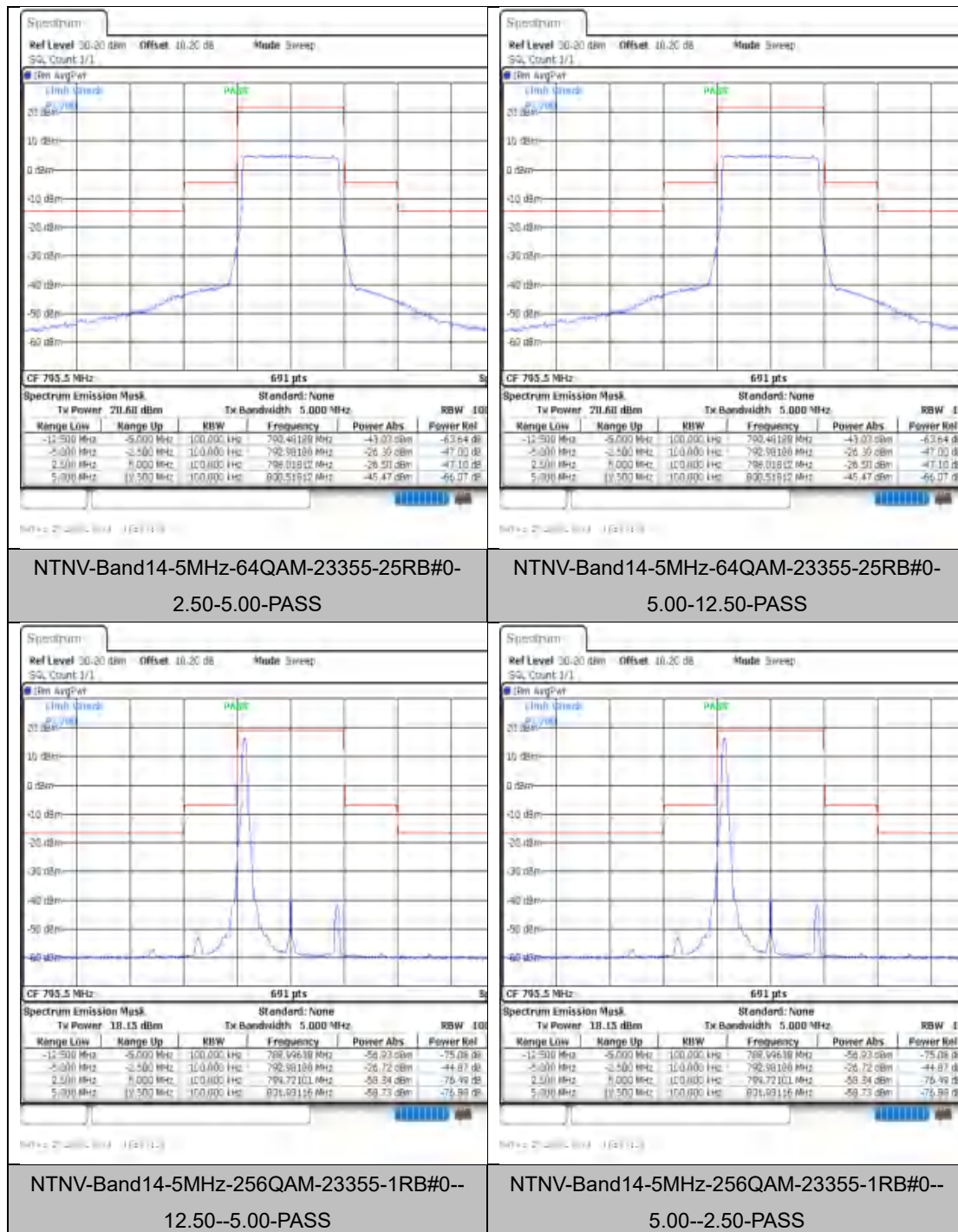


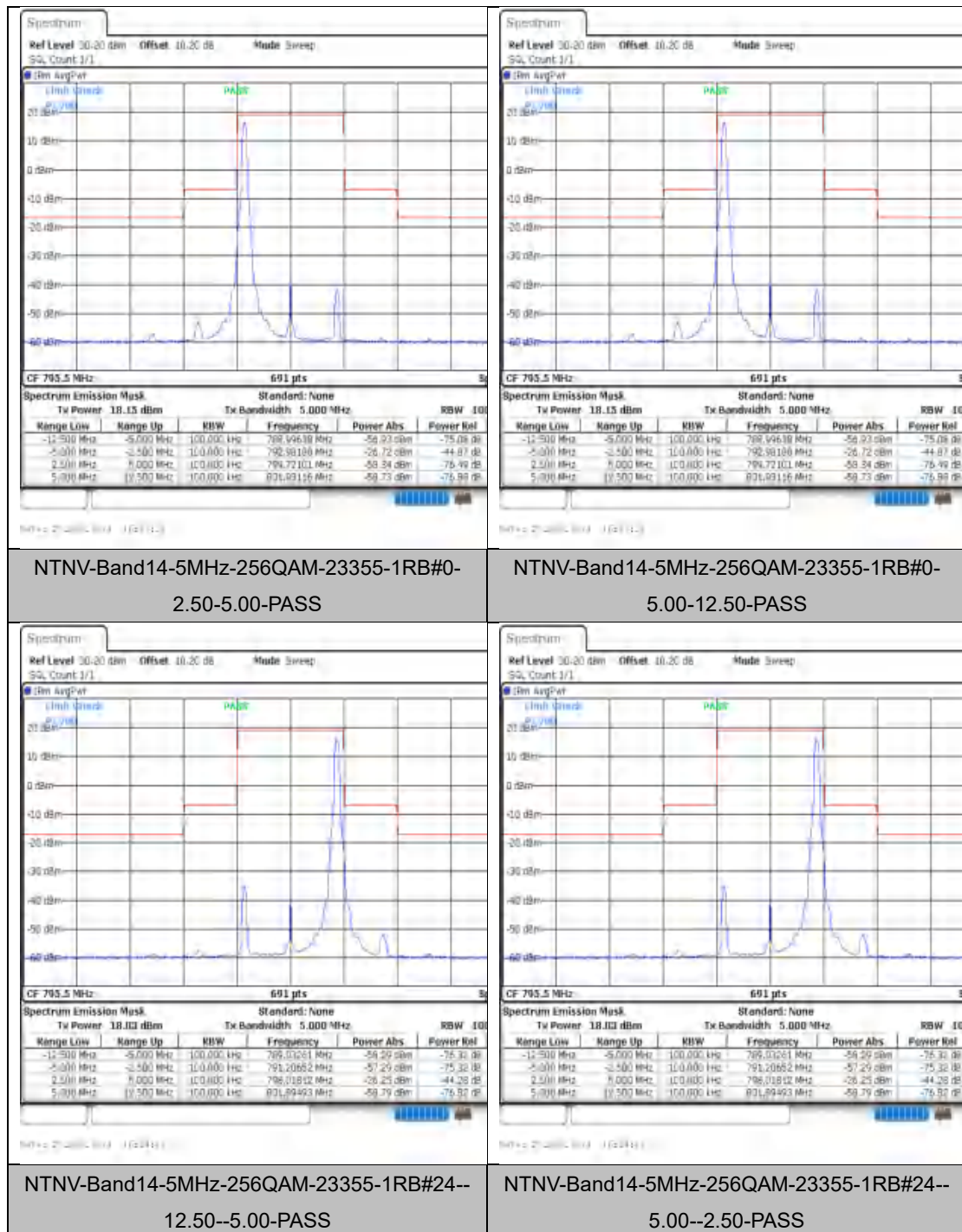
NTNV-Band14-5MHz-64QAM-23355-1RB#24-  
2.50-5.00-PASS

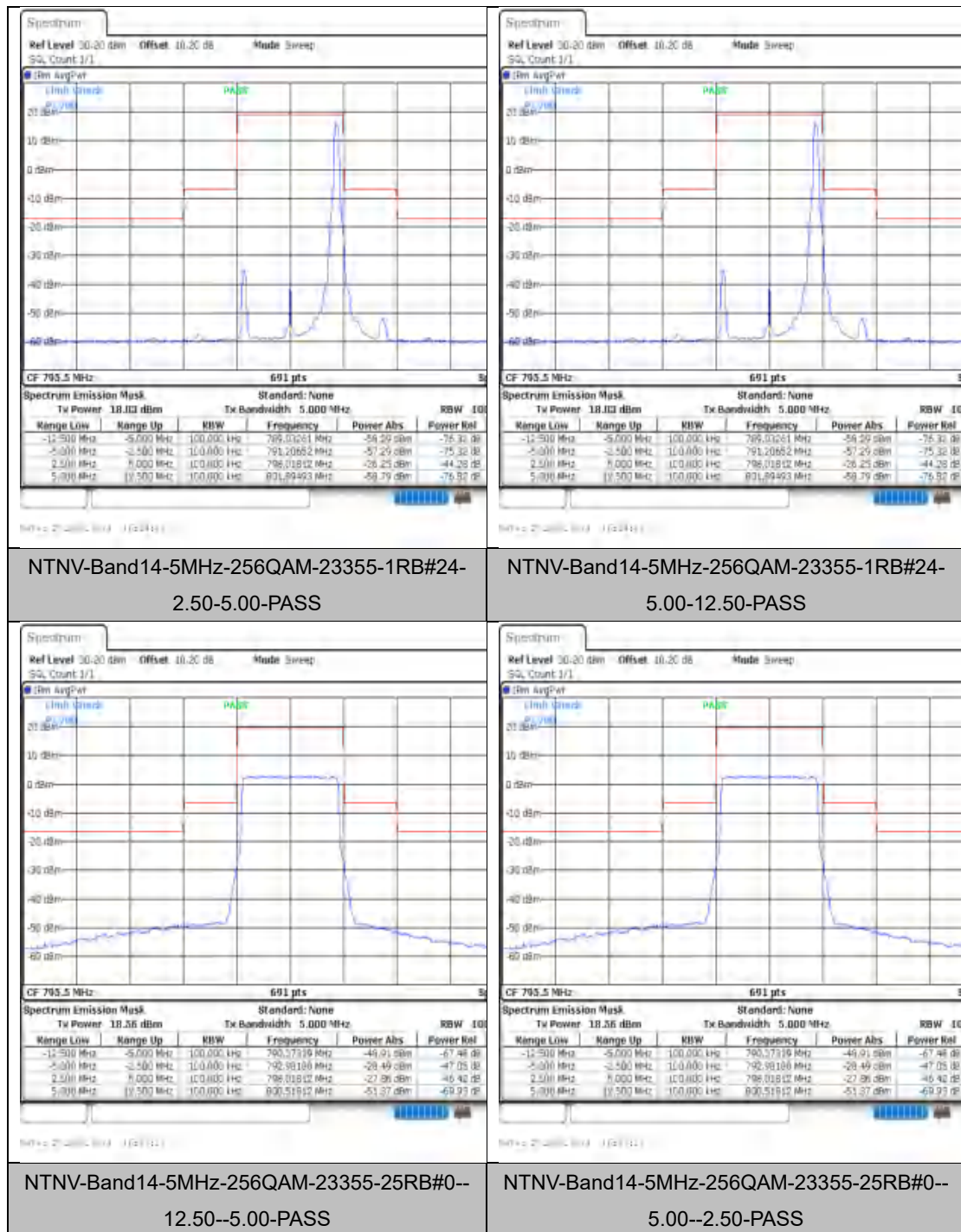
NTNV-Band14-5MHz-64QAM-23355-1RB#24-  
5.00-12.50-PASS

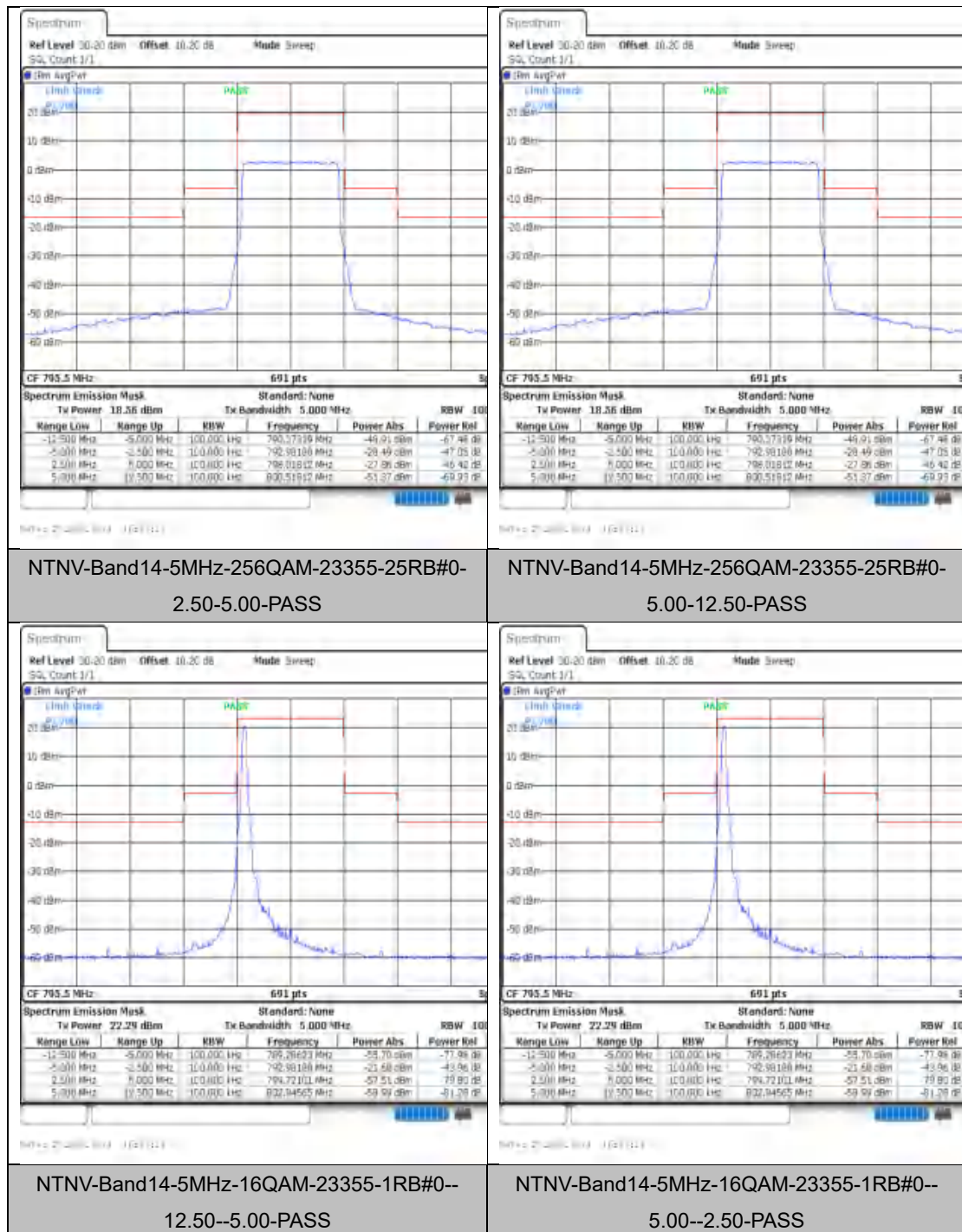
NTNV-Band14-5MHz-64QAM-23355-25RB#0--  
12.50--5.00-PASS

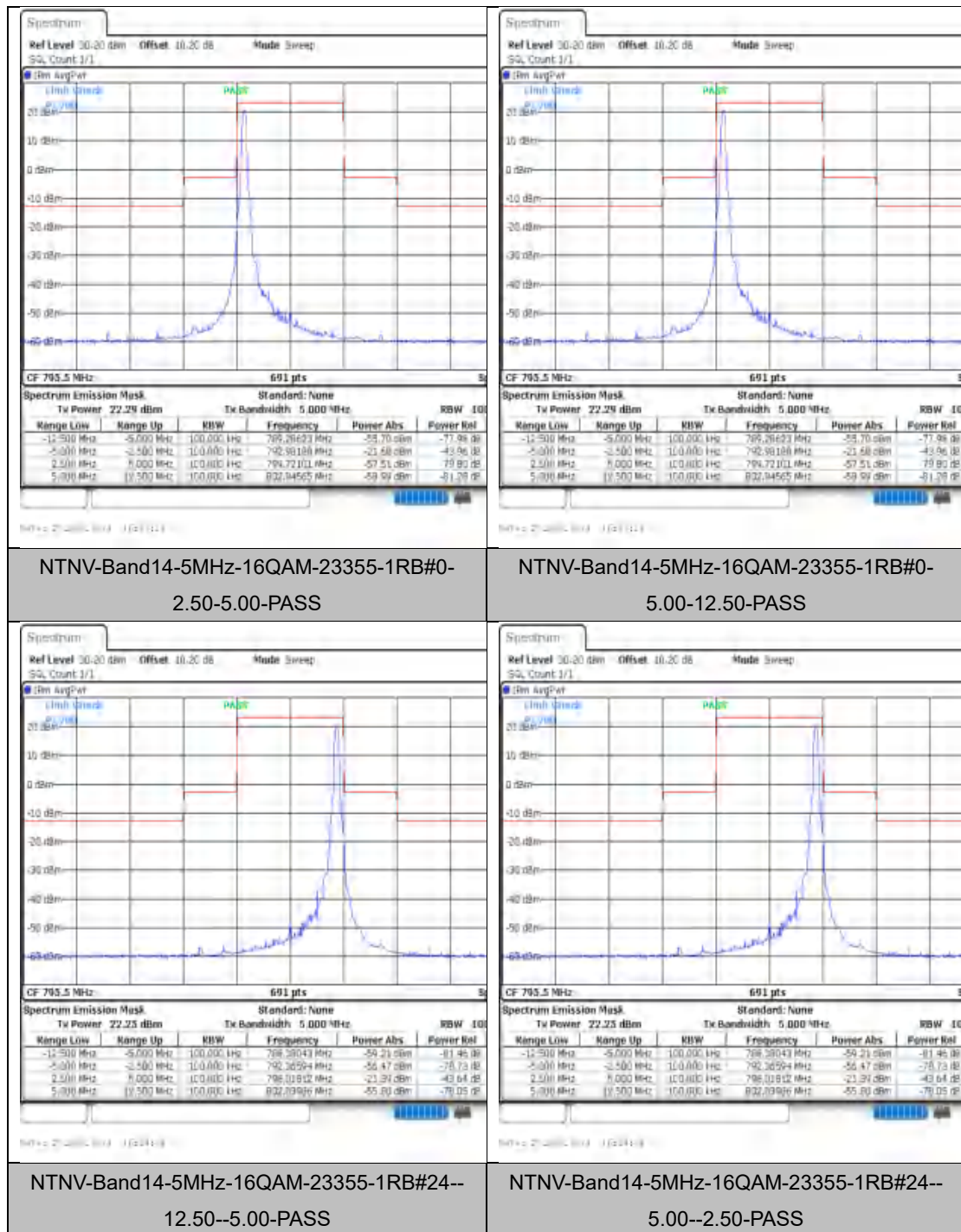
NTNV-Band14-5MHz-64QAM-23355-25RB#0--  
5.00--2.50-PASS

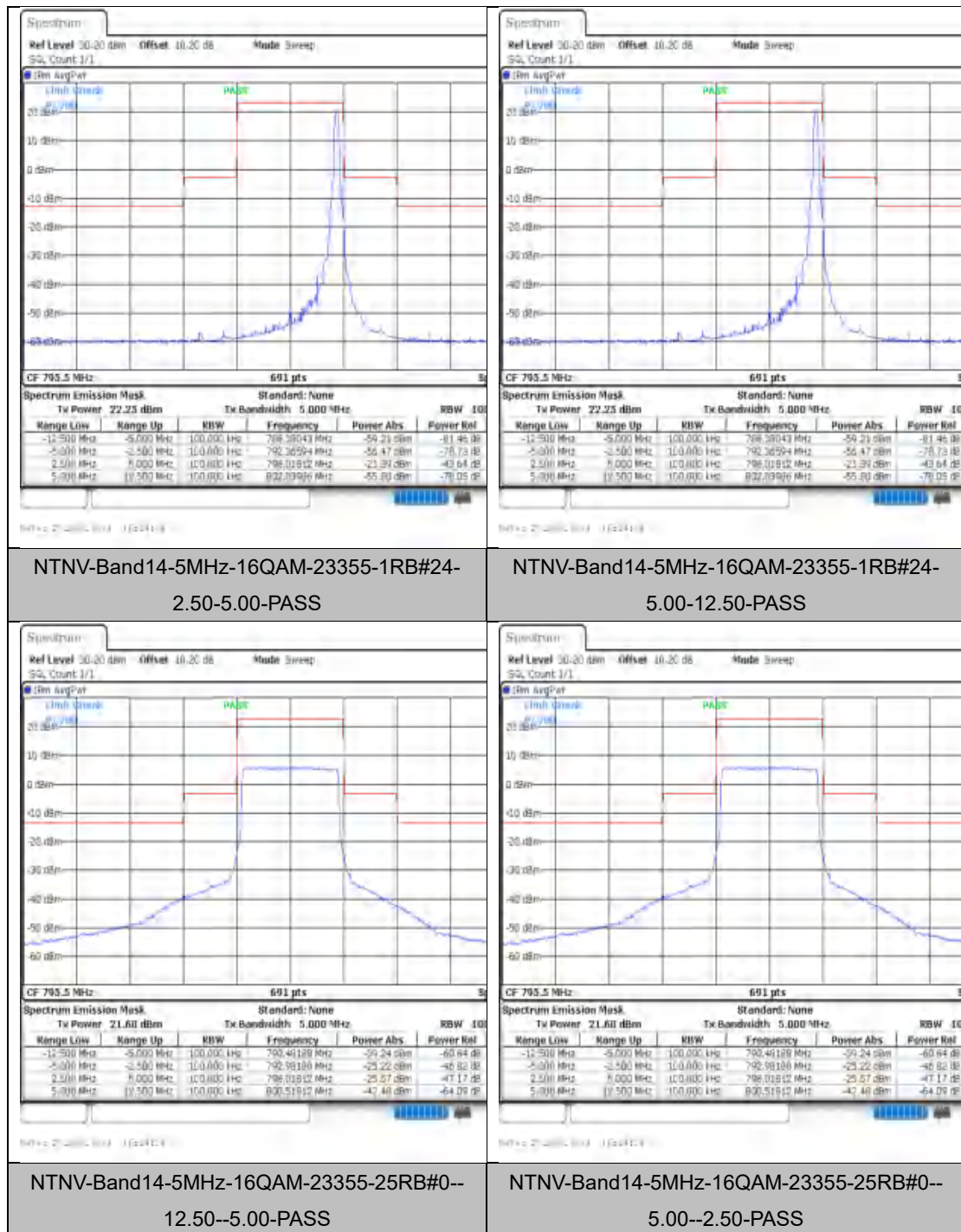


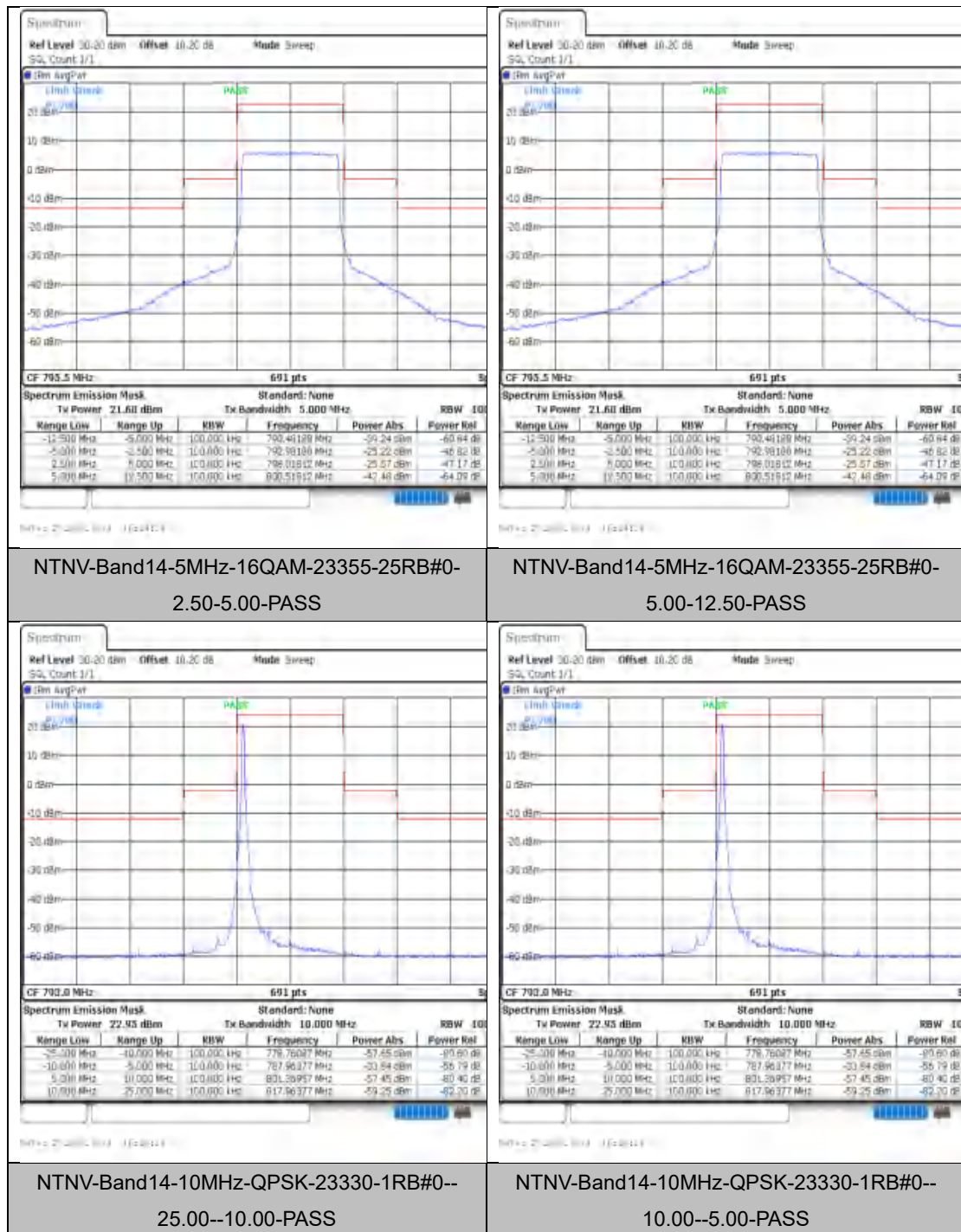


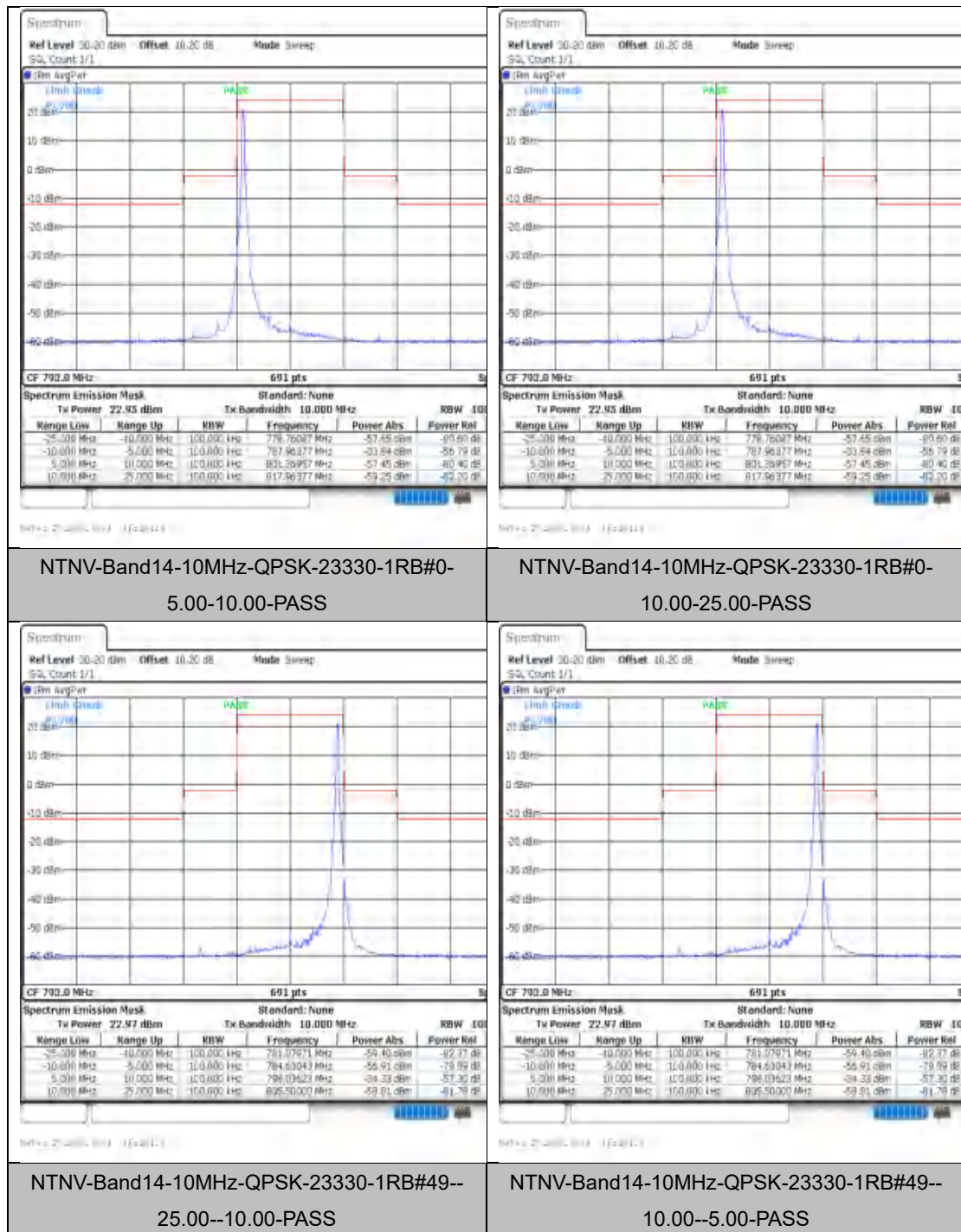


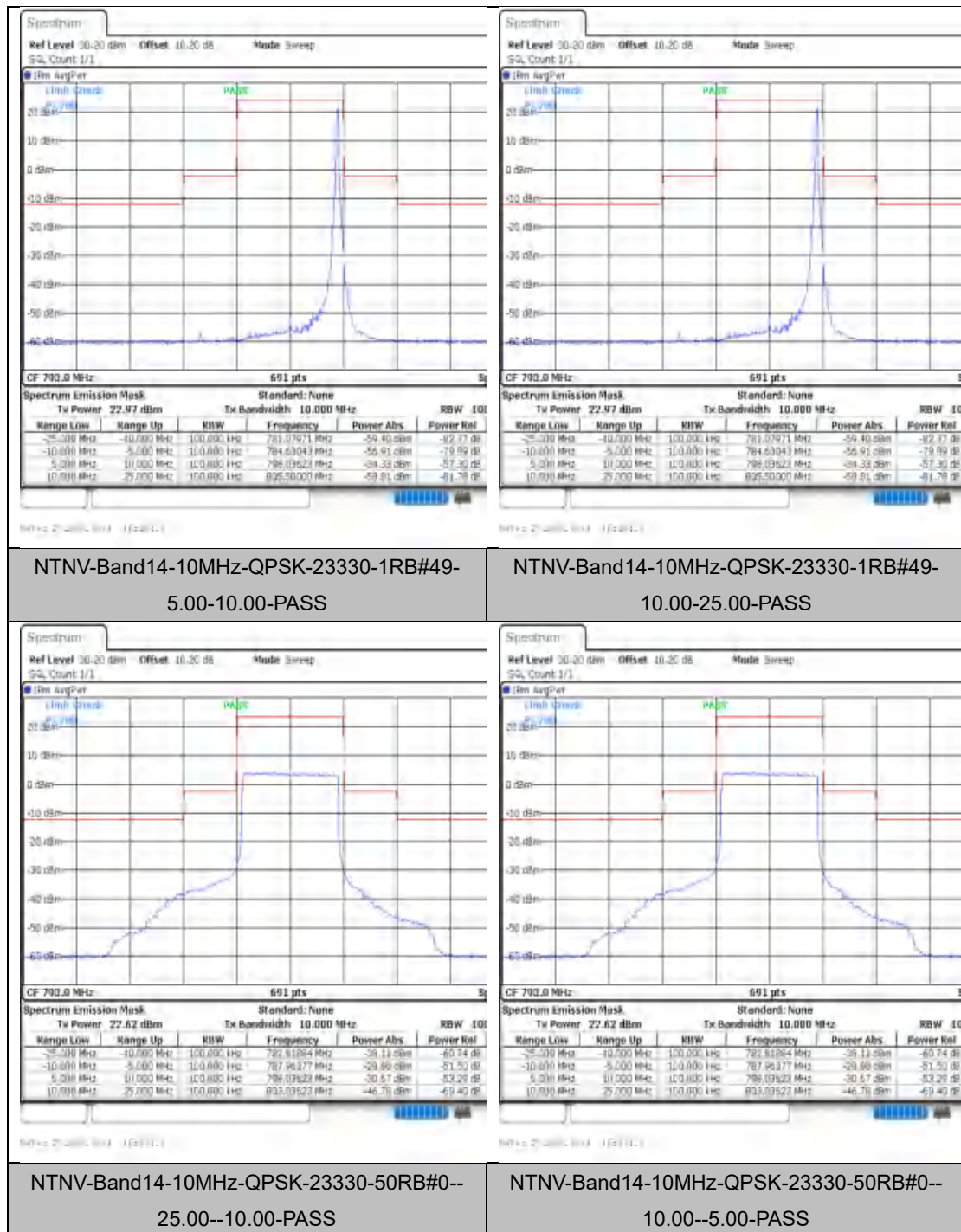


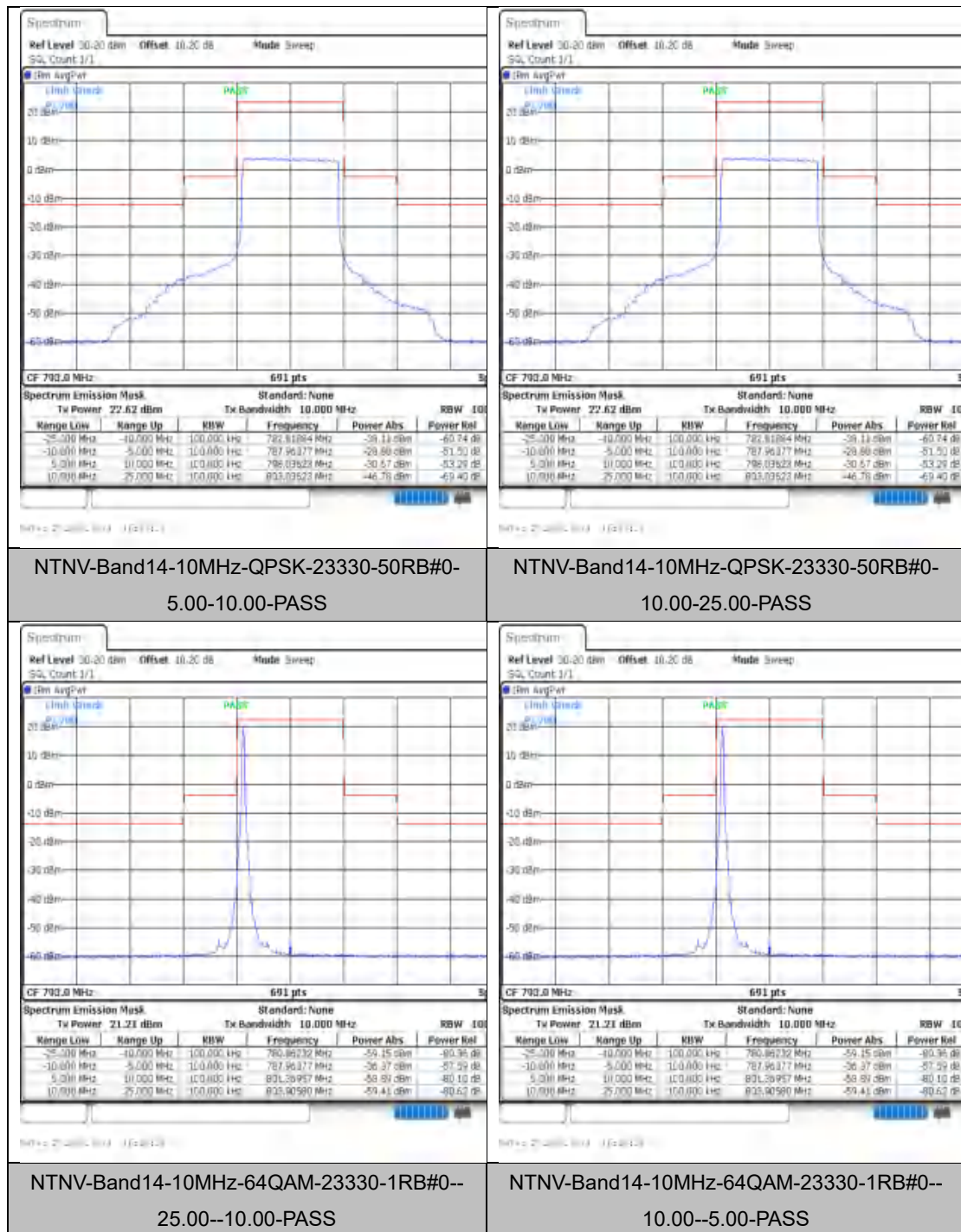


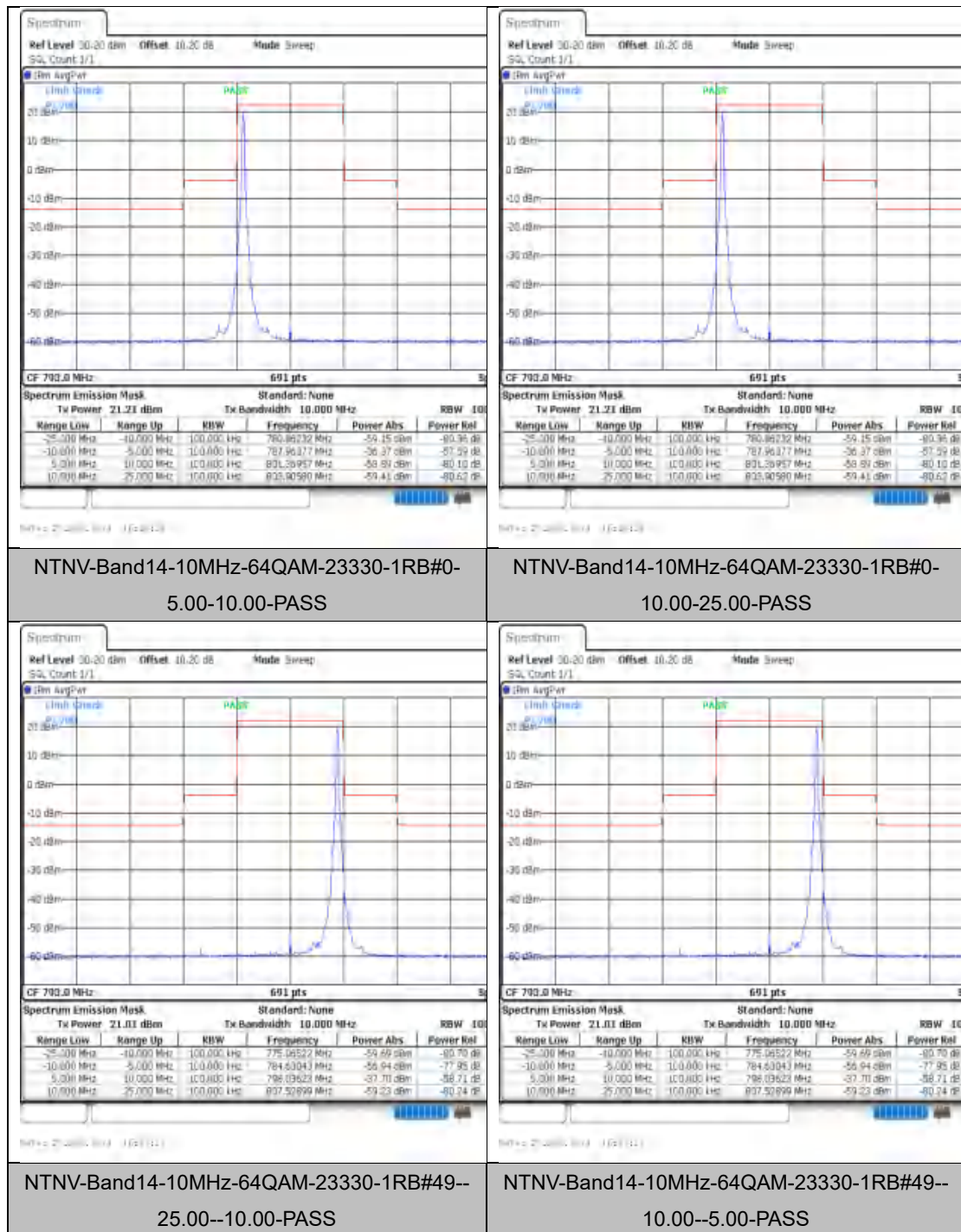


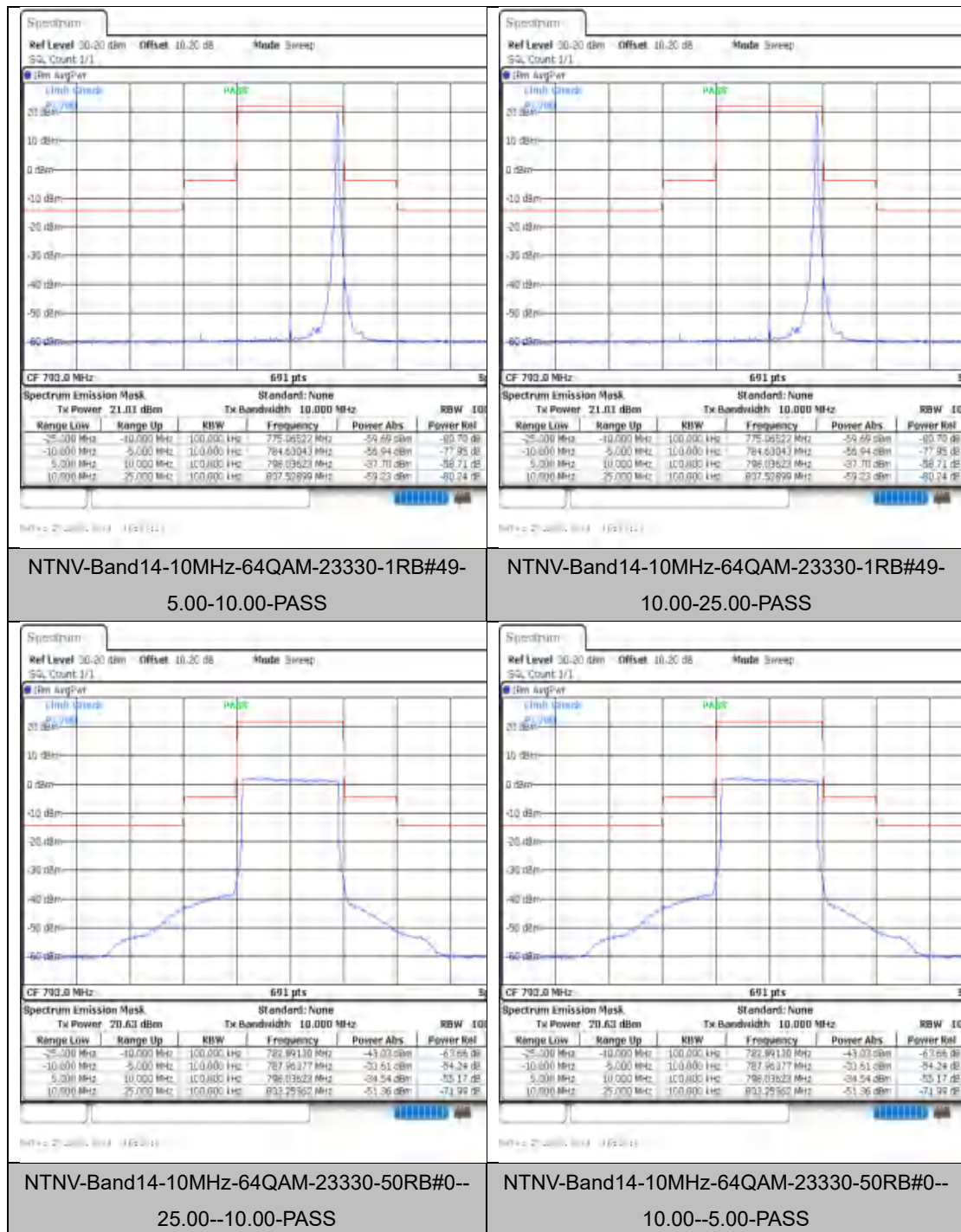


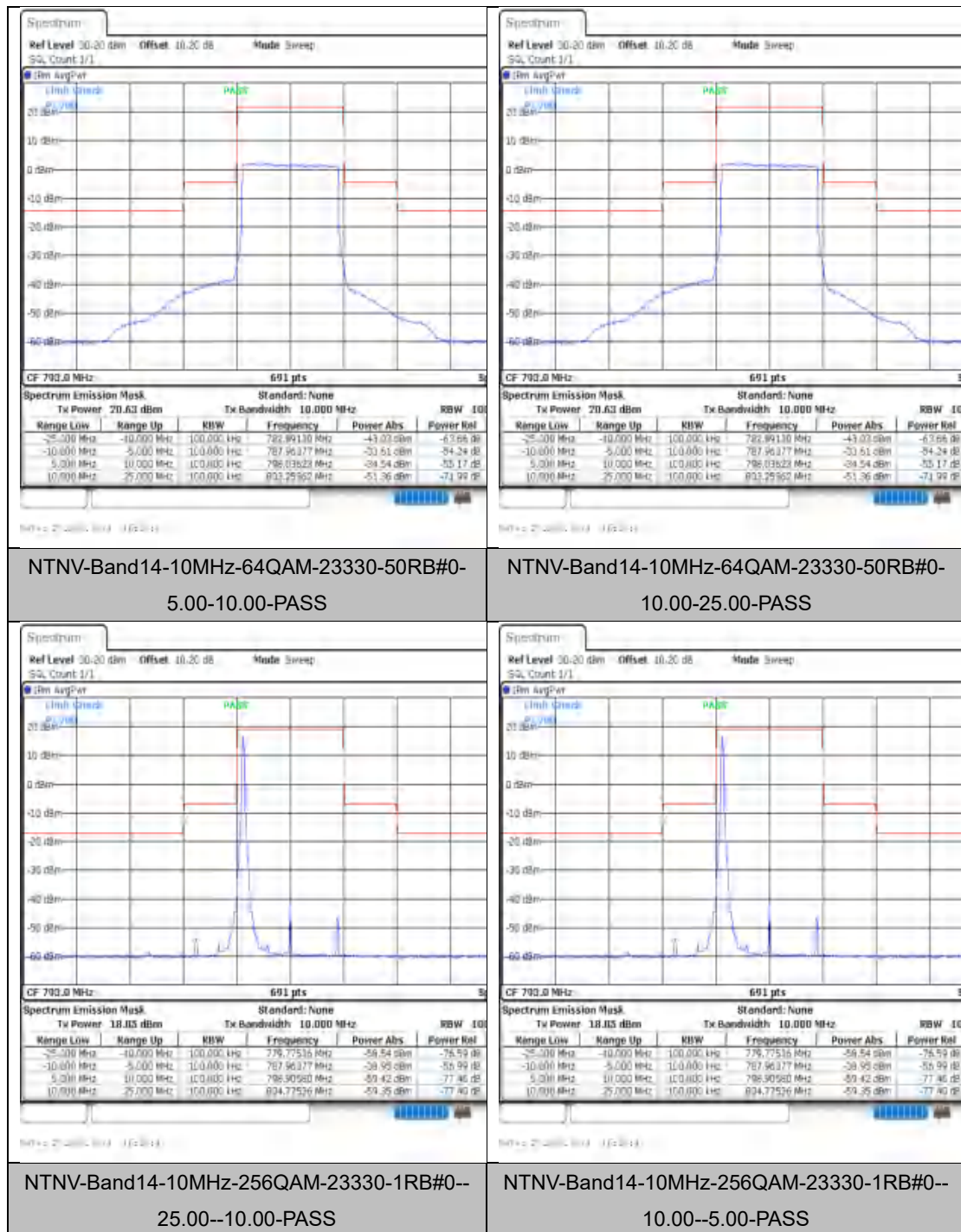




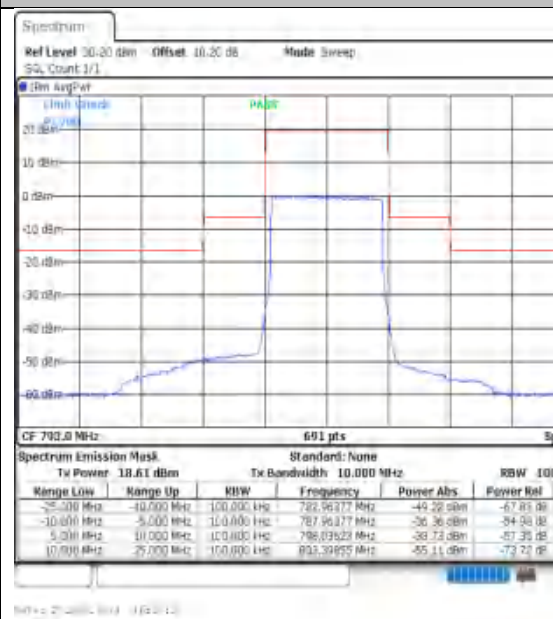
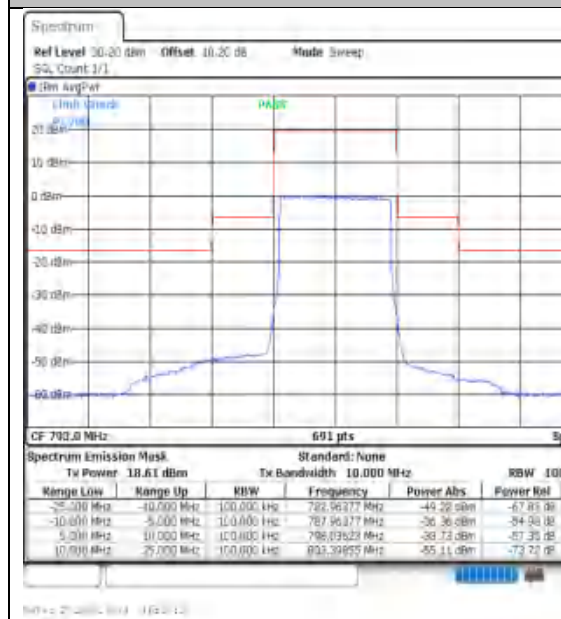
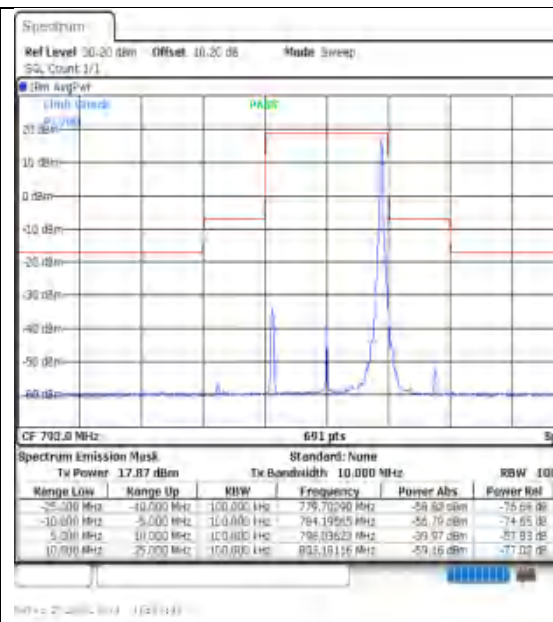
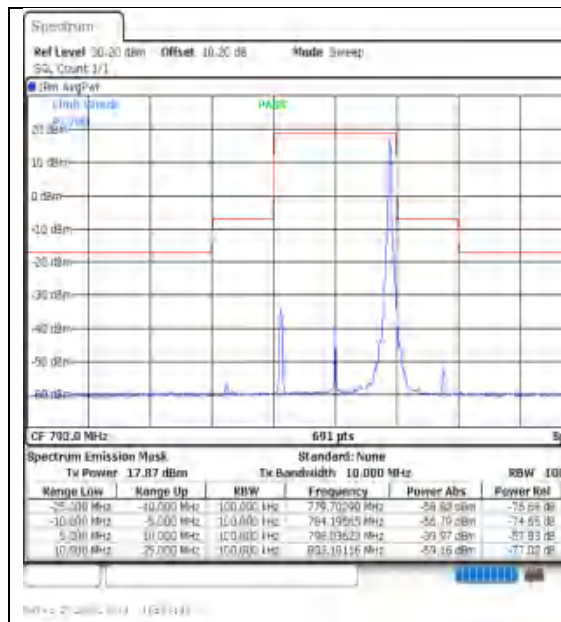


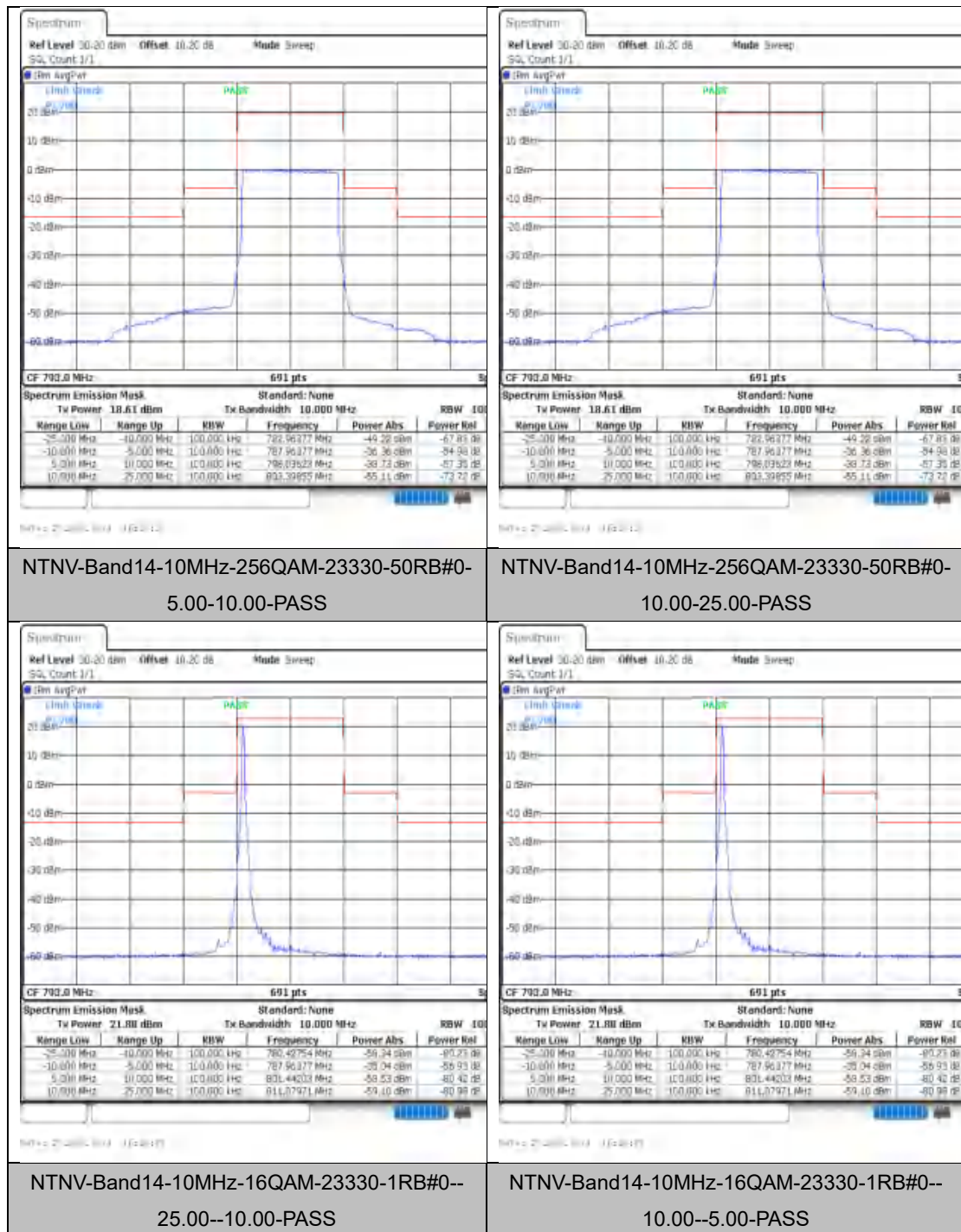


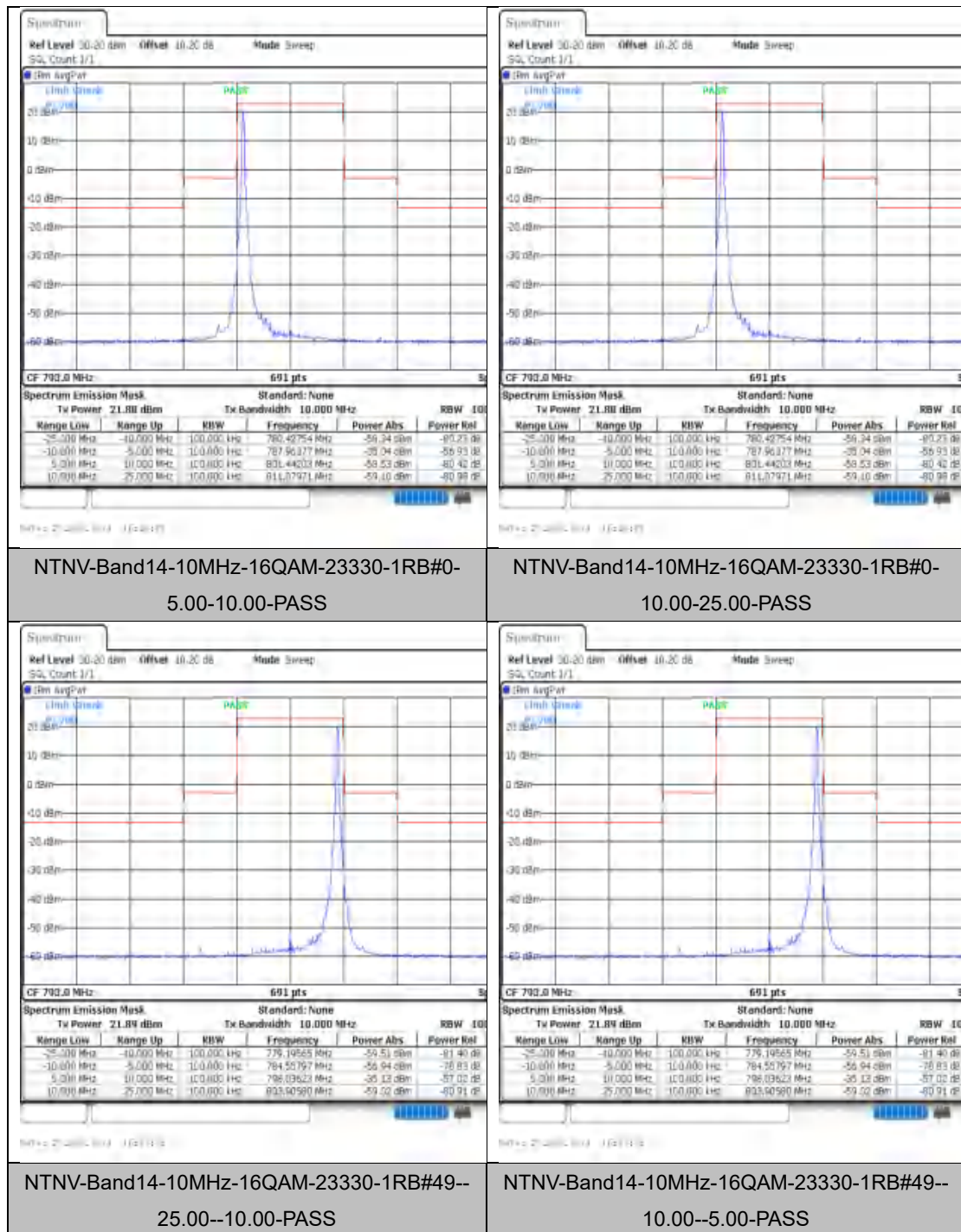




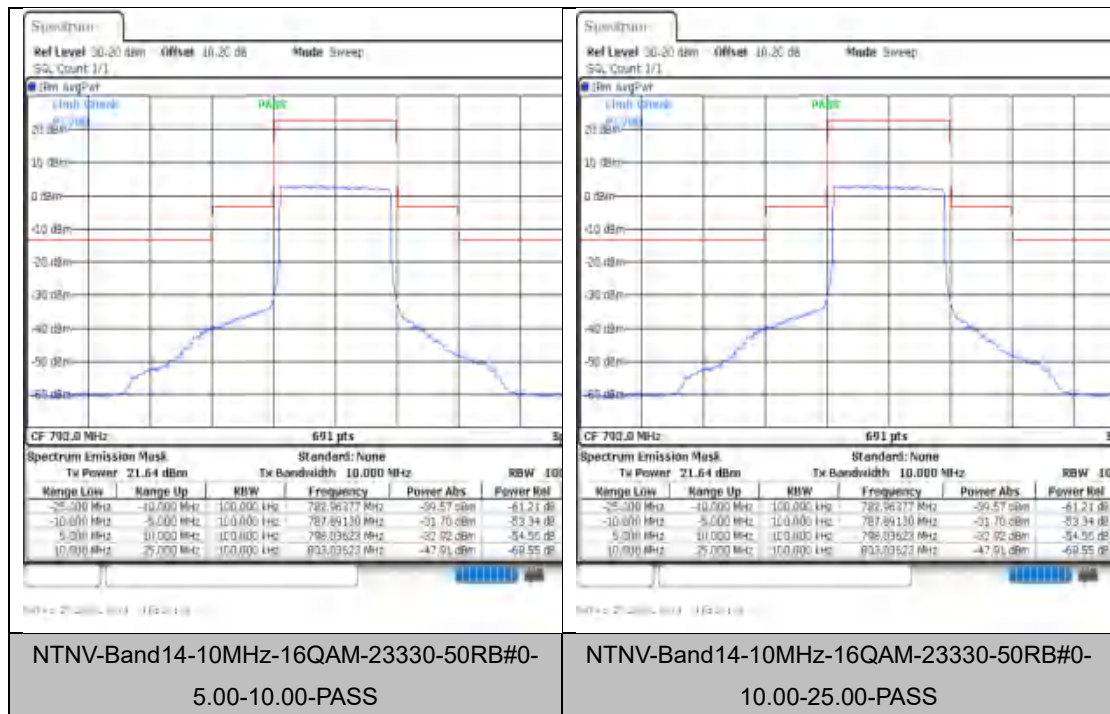












## Appendix: Conducted Spurious Emission

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 0.009~0.15      | -65.41       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 0.15~30         | -70.25       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 30~1000         | -57.68       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 1000~3000       | -42.69       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#0            | 3000~10000      | -30.70       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 0.009~0.15      | -64.63       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 0.15~30         | -71.51       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 30~1000         | -57.49       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 1000~3000       | -42.72       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 1RB#24           | 3000~10000      | -30.68       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 0.009~0.15      | -60.23       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 0.15~30         | -71.09       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 30~1000         | -53.19       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 1000~3000       | -42.69       | PASS    |
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | 3000~10000      | -30.66       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 0.009~0.15      | -65.87       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 0.15~30         | -70.71       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 30~1000         | -57.91       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 1000~3000       | -42.74       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#0            | 3000~10000      | -30.82       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 0.009~0.15      | -63.95       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 0.15~30         | -70.38       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 30~1000         | -57.59       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 1000~3000       | -42.78       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 1RB#24           | 3000~10000      | -30.76       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | 0.009~0.15      | -63.60       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | 0.15~30         | -70.41       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | 30~1000         | -55.22       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | 1000~3000       | -42.70       | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | 3000~10000      | -30.81       | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | 0.009~0.15      | -60.89       | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | 0.15~30         | -70.75       | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | 30~1000         | -57.44       | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | 1000~3000       | -42.81       | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 1RB#0            | 3000~10000      | -30.60       | PASS    |

|        |      |        |       |        |            |        |      |
|--------|------|--------|-------|--------|------------|--------|------|
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 0.009~0.15 | -65.40 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 0.15~30    | -71.25 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 30~1000    | -57.87 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 1000~3000  | -42.64 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 1RB#24 | 3000~10000 | -30.85 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 0.009~0.15 | -65.84 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 0.15~30    | -71.15 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 30~1000    | -57.08 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 1000~3000  | -42.74 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | 3000~10000 | -30.66 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 0.009~0.15 | -65.15 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 0.15~30    | -71.36 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 30~1000    | -57.91 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 1000~3000  | -42.69 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#0  | 3000~10000 | -30.74 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | 0.009~0.15 | -63.12 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | 0.15~30    | -70.79 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | 30~1000    | -57.55 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | 1000~3000  | -42.66 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 1RB#24 | 3000~10000 | -30.75 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | 0.009~0.15 | -62.25 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | 0.15~30    | -71.22 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | 30~1000    | -54.96 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | 1000~3000  | -42.75 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | 3000~10000 | -30.59 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#0  | 0.009~0.15 | -63.93 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#0  | 0.15~30    | -70.39 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#0  | 30~1000    | -57.83 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#0  | 1000~3000  | -42.49 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#0  | 3000~10000 | -30.68 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#24 | 0.009~0.15 | -65.46 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#24 | 0.15~30    | -71.12 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#24 | 30~1000    | -57.89 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#24 | 1000~3000  | -42.60 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 1RB#24 | 3000~10000 | -30.73 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | 0.009~0.15 | -62.26 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | 0.15~30    | -70.25 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | 30~1000    | -53.15 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | 1000~3000  | -42.75 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | 3000~10000 | -30.82 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 0.009~0.15 | -65.46 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 0.15~30    | -70.81 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 30~1000    | -57.73 | PASS |

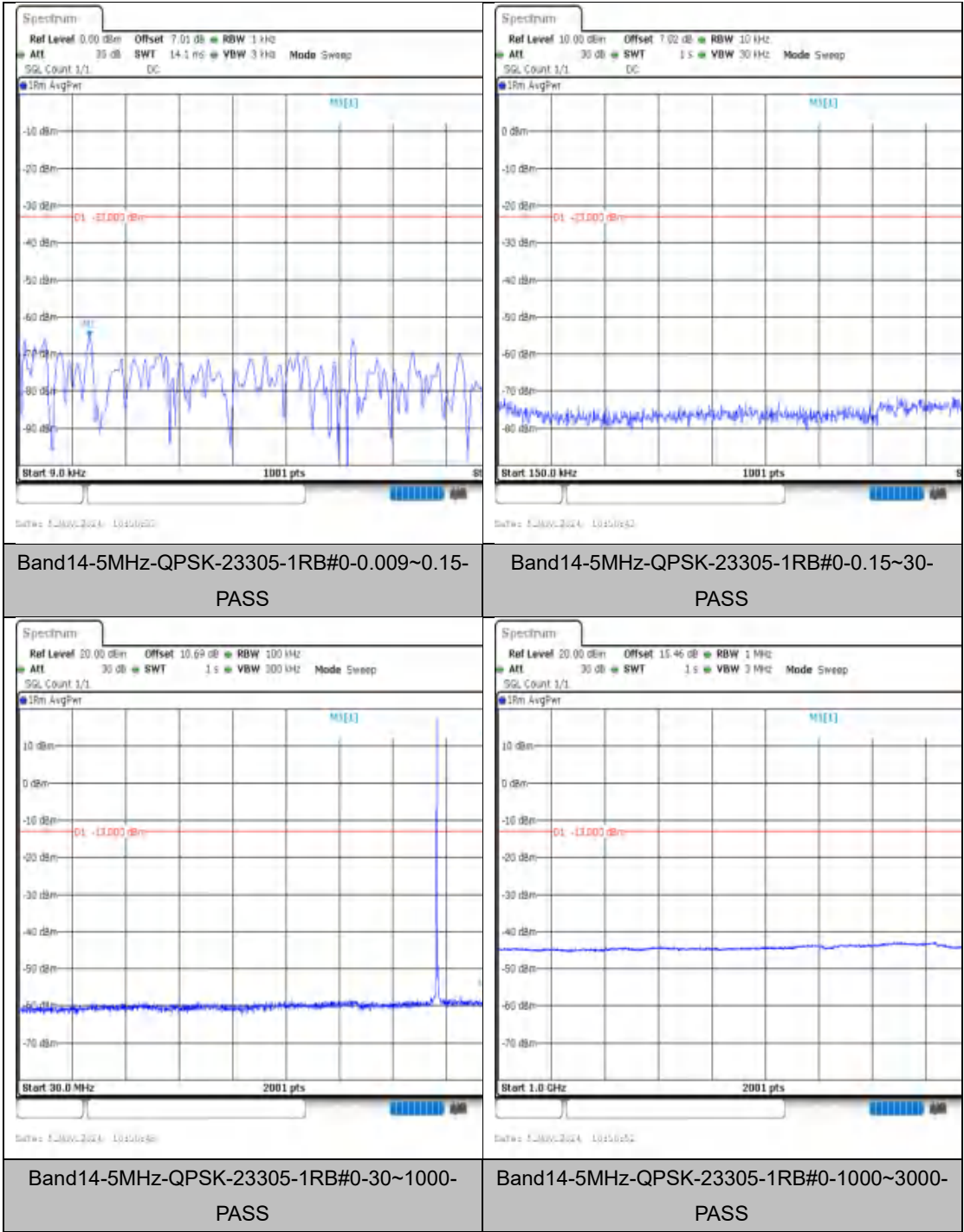
|        |      |        |       |        |            |        |      |
|--------|------|--------|-------|--------|------------|--------|------|
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 1000~3000  | -42.78 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#0  | 3000~10000 | -30.78 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 0.009~0.15 | -62.34 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 0.15~30    | -71.01 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 30~1000    | -57.72 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 1000~3000  | -42.68 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 1RB#24 | 3000~10000 | -30.67 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 0.009~0.15 | -59.92 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 0.15~30    | -70.99 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 30~1000    | -55.07 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 1000~3000  | -42.52 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | 3000~10000 | -30.69 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 0.009~0.15 | -64.18 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 0.15~30    | -70.48 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 30~1000    | -57.71 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 1000~3000  | -42.70 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#0  | 3000~10000 | -30.90 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 0.009~0.15 | -64.39 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 0.15~30    | -70.27 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 30~1000    | -57.76 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 1000~3000  | -42.77 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 1RB#24 | 3000~10000 | -30.70 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 0.009~0.15 | -63.39 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 0.15~30    | -71.43 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 30~1000    | -56.74 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 1000~3000  | -42.82 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | 3000~10000 | -30.77 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 0.009~0.15 | -64.03 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 0.15~30    | -70.42 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 30~1000    | -57.78 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 1000~3000  | -42.80 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#0  | 3000~10000 | -30.65 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 0.009~0.15 | -64.66 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 0.15~30    | -71.03 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 30~1000    | -57.84 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 1000~3000  | -42.72 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 1RB#24 | 3000~10000 | -30.83 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 0.009~0.15 | -64.58 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 0.15~30    | -71.15 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 30~1000    | -54.81 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 1000~3000  | -42.68 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | 3000~10000 | -30.76 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 0.009~0.15 | -63.92 | PASS |

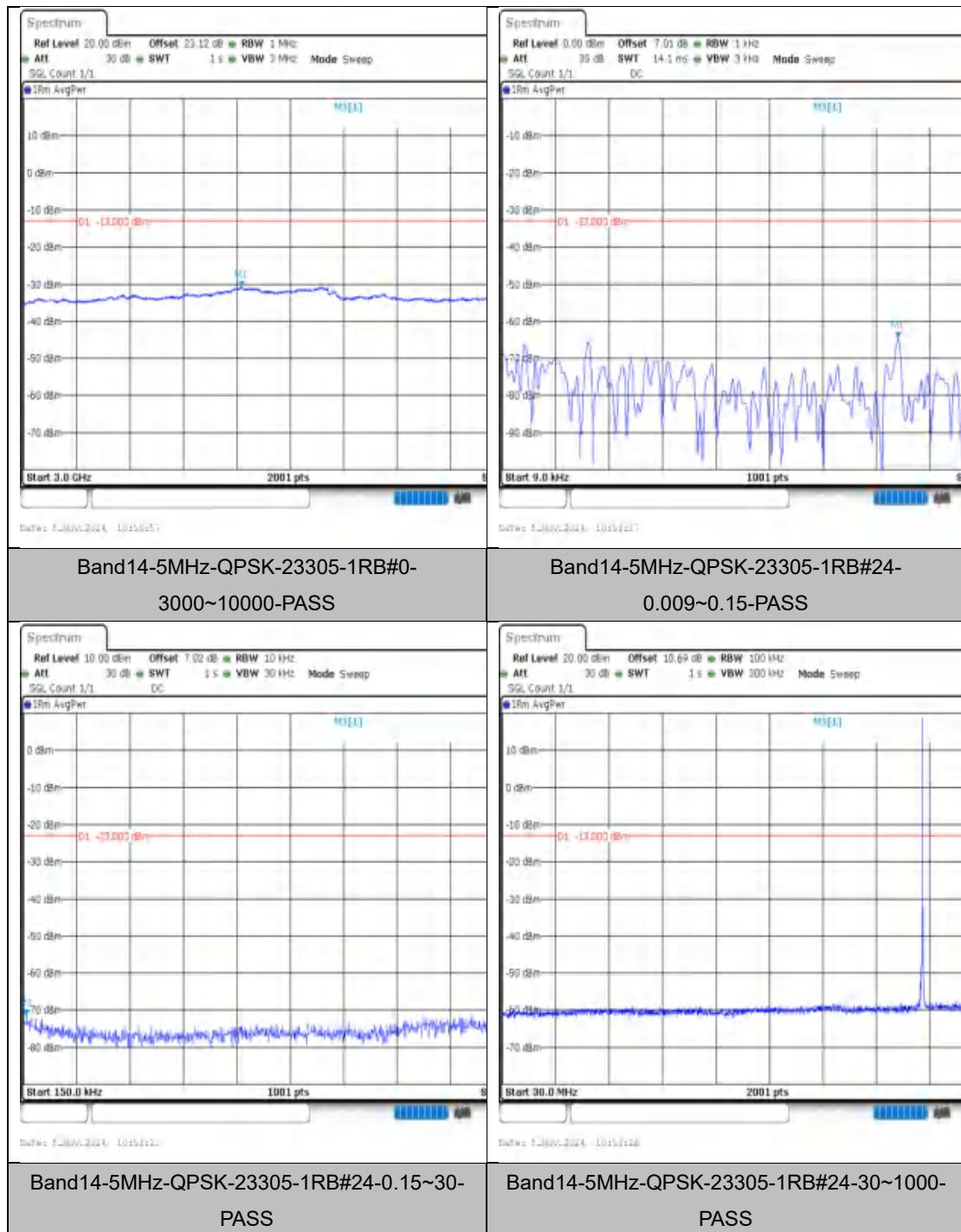
|        |      |        |       |        |            |        |      |
|--------|------|--------|-------|--------|------------|--------|------|
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 0.15~30    | -71.54 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 30~1000    | -57.73 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 1000~3000  | -42.71 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#0  | 3000~10000 | -30.75 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 0.009~0.15 | -63.29 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 0.15~30    | -71.34 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 30~1000    | -57.81 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 1000~3000  | -42.70 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 1RB#24 | 3000~10000 | -30.78 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 0.009~0.15 | -63.12 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 0.15~30    | -70.87 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 30~1000    | -52.32 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 1000~3000  | -42.82 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | 3000~10000 | -30.67 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 0.009~0.15 | -65.66 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 0.15~30    | -70.92 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 30~1000    | -57.34 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 1000~3000  | -42.71 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#0  | 3000~10000 | -30.78 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 0.009~0.15 | -64.98 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 0.15~30    | -70.79 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 30~1000    | -57.46 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 1000~3000  | -42.73 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 1RB#24 | 3000~10000 | -30.73 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 0.009~0.15 | -65.63 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 0.15~30    | -71.18 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 30~1000    | -56.14 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 1000~3000  | -42.66 | PASS |
| Band14 | 5MHz | 64QAM  | 23355 | 25RB#0 | 3000~10000 | -30.70 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 0.009~0.15 | -61.34 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 0.15~30    | -70.42 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 30~1000    | -57.80 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 1000~3000  | -42.72 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#0  | 3000~10000 | -30.70 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 0.009~0.15 | -64.39 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 0.15~30    | -70.41 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 30~1000    | -57.73 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 1000~3000  | -42.85 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 1RB#24 | 3000~10000 | -30.79 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 25RB#0 | 0.009~0.15 | -63.41 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 25RB#0 | 0.15~30    | -71.51 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 25RB#0 | 30~1000    | -56.60 | PASS |
| Band14 | 5MHz | 256QAM | 23355 | 25RB#0 | 1000~3000  | -42.72 | PASS |

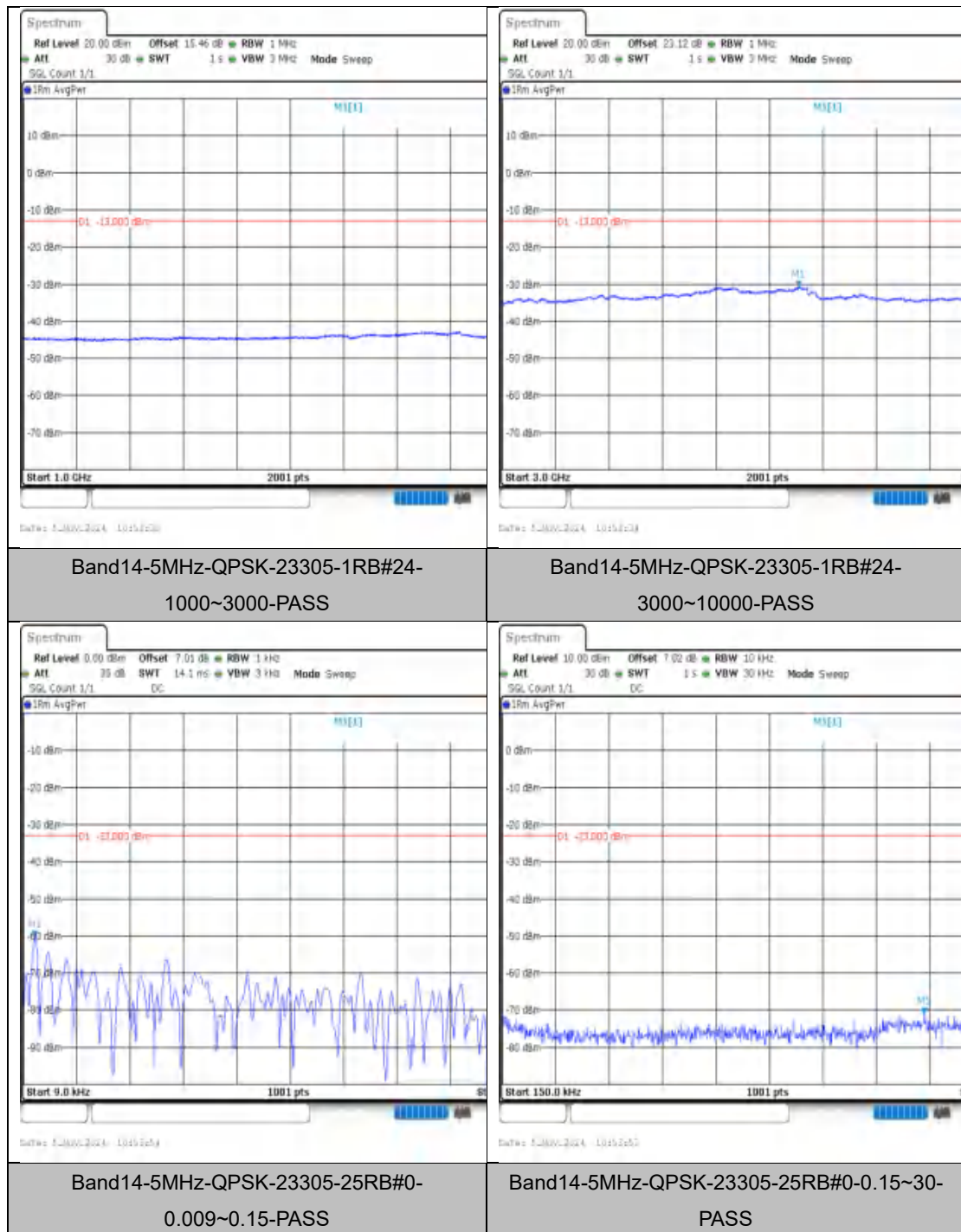
|        |       |        |       |        |            |        |      |
|--------|-------|--------|-------|--------|------------|--------|------|
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | 3000~10000 | -30.73 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 0.009~0.15 | -67.26 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 0.15~30    | -70.24 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 30~1000    | -57.74 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 1000~3000  | -42.65 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#0  | 3000~10000 | -30.74 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 0.009~0.15 | -63.42 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 0.15~30    | -71.05 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 30~1000    | -57.67 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 1000~3000  | -42.77 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 1RB#24 | 3000~10000 | -30.72 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 0.009~0.15 | -64.31 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 0.15~30    | -70.92 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 30~1000    | -54.22 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 1000~3000  | -42.64 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | 3000~10000 | -30.75 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 0.009~0.15 | -63.62 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 0.15~30    | -70.34 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 30~1000    | -57.92 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 1000~3000  | -42.77 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#0  | 3000~10000 | -30.79 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 0.009~0.15 | -61.18 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 0.15~30    | -71.16 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 30~1000    | -57.89 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 1000~3000  | -42.77 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 1RB#49 | 3000~10000 | -30.75 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 0.009~0.15 | -60.46 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 0.15~30    | -69.89 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 30~1000    | -57.87 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 1000~3000  | -42.77 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | 3000~10000 | -30.66 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 0.009~0.15 | -64.28 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 0.15~30    | -71.32 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 30~1000    | -57.74 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 1000~3000  | -42.74 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#0  | 3000~10000 | -30.89 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 0.009~0.15 | -66.92 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 0.15~30    | -71.09 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 30~1000    | -57.69 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 1000~3000  | -42.62 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 1RB#49 | 3000~10000 | -30.79 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 0.009~0.15 | -64.71 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 0.15~30    | -70.98 | PASS |

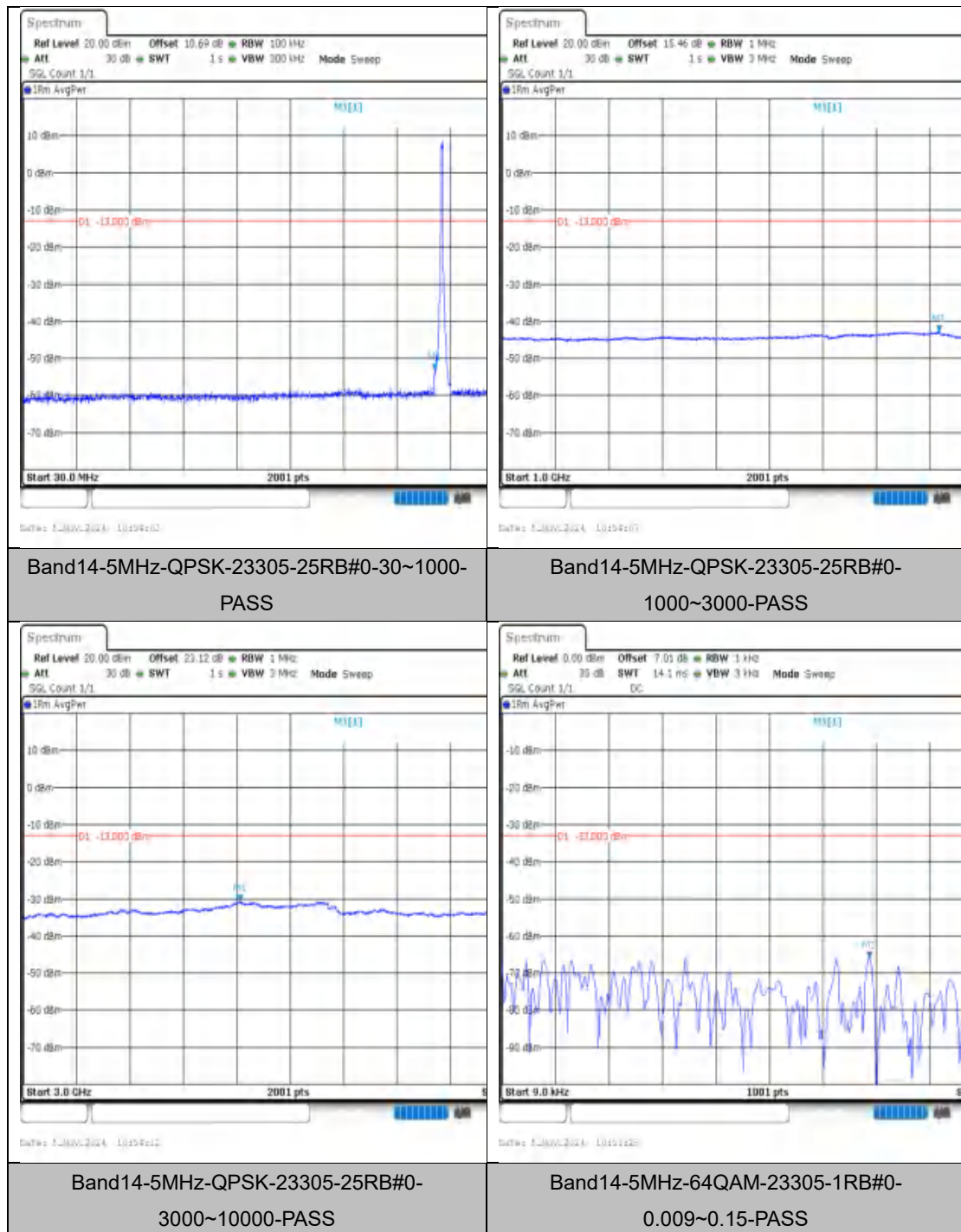
|        |       |        |       |        |            |        |      |
|--------|-------|--------|-------|--------|------------|--------|------|
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 30~1000    | -57.58 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 1000~3000  | -42.74 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | 3000~10000 | -30.75 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 0.009~0.15 | -63.29 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 0.15~30    | -70.90 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 30~1000    | -57.75 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 1000~3000  | -42.79 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#0  | 3000~10000 | -30.71 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 0.009~0.15 | -63.51 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 0.15~30    | -70.91 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 30~1000    | -57.93 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 1000~3000  | -42.74 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 1RB#49 | 3000~10000 | -30.76 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 0.009~0.15 | -66.36 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 0.15~30    | -71.24 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 30~1000    | -57.54 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 1000~3000  | -42.71 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | 3000~10000 | -30.83 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 0.009~0.15 | -62.01 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 0.15~30    | -70.62 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 30~1000    | -57.77 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 1000~3000  | -42.71 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#0  | 3000~10000 | -30.64 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 0.009~0.15 | -61.39 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 0.15~30    | -71.07 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 30~1000    | -57.41 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 1000~3000  | -42.61 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 1RB#49 | 3000~10000 | -30.78 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 0.009~0.15 | -66.00 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 0.15~30    | -70.92 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 30~1000    | -57.68 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 1000~3000  | -42.77 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | 3000~10000 | -30.78 | PASS |

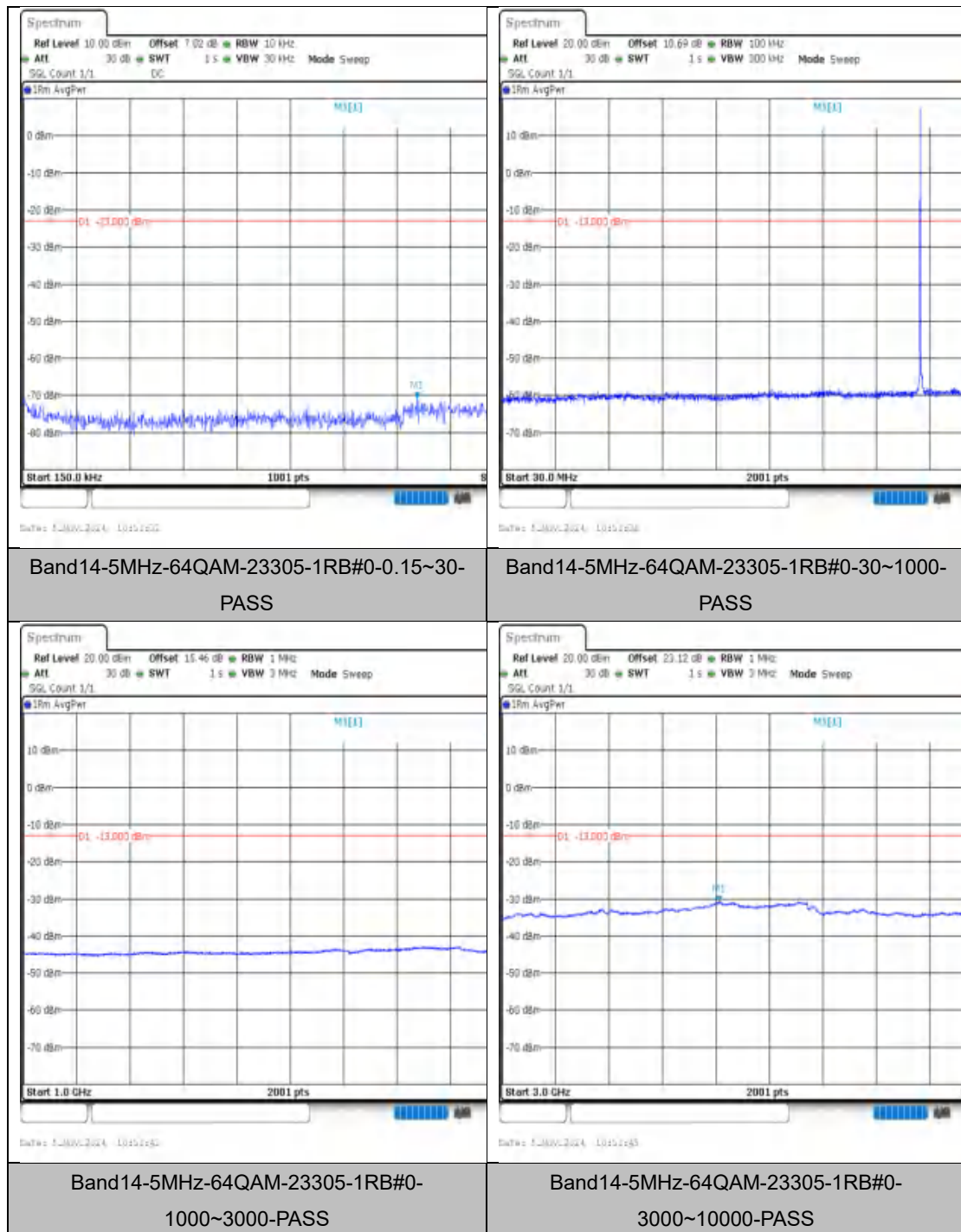
Test Graphs

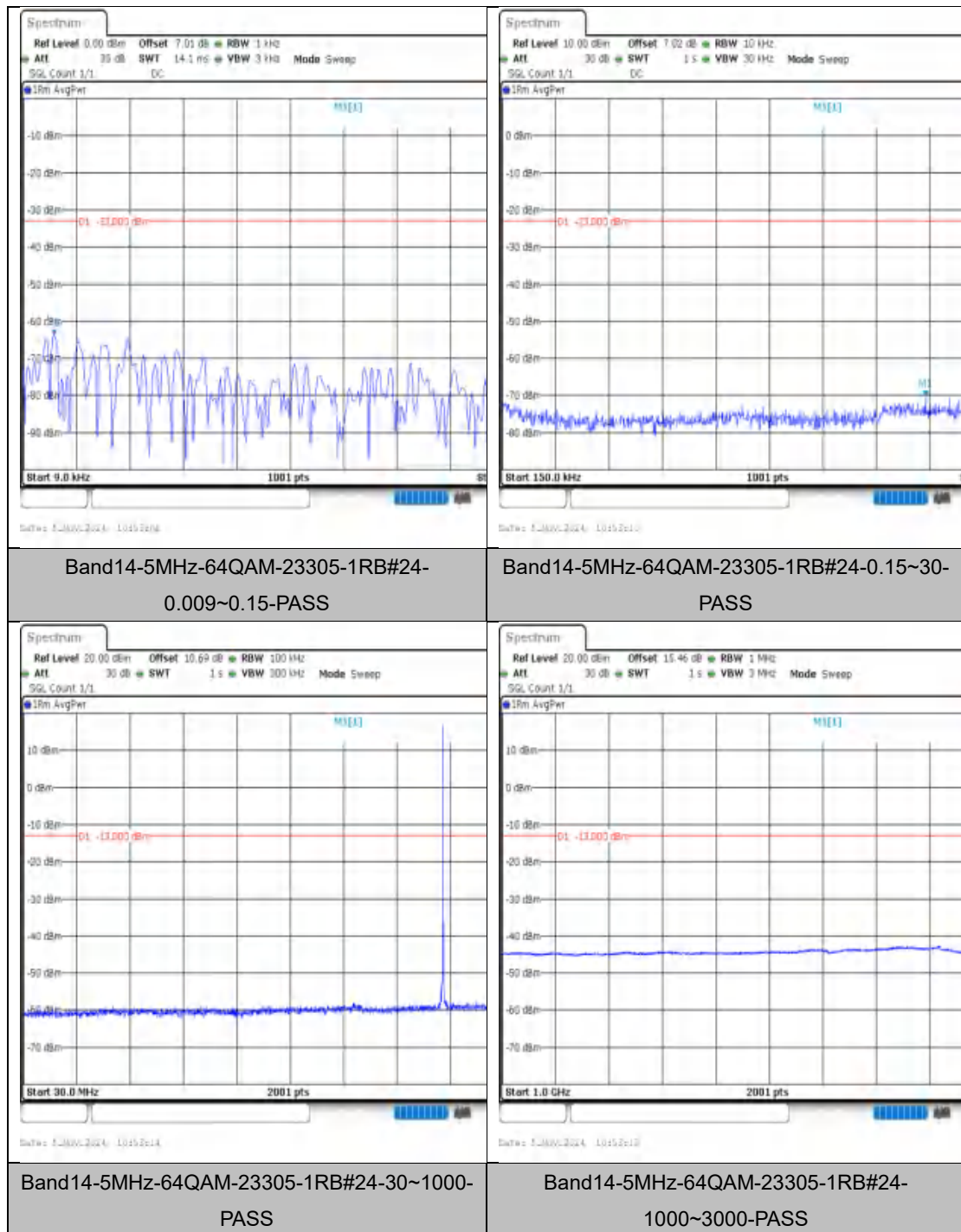


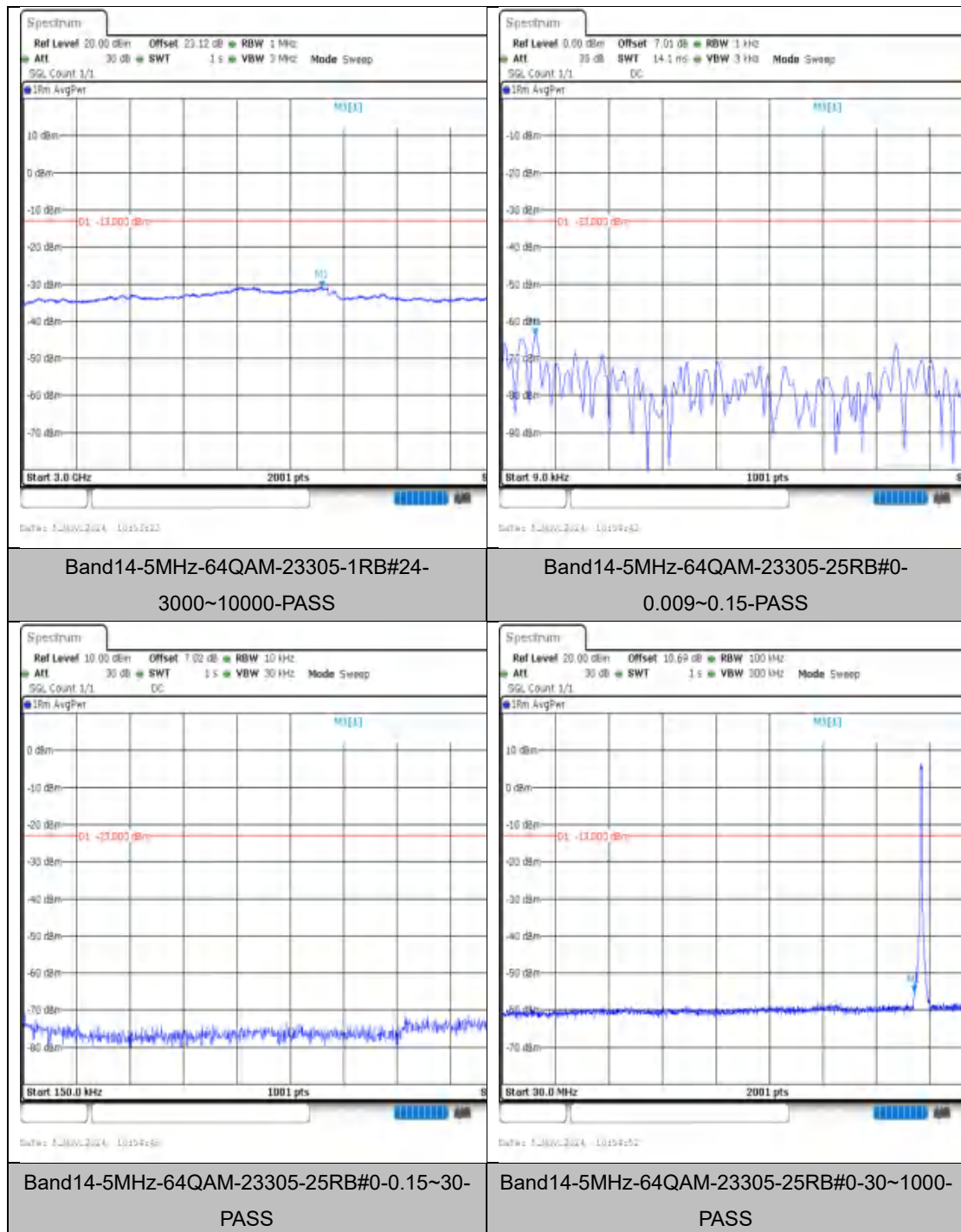


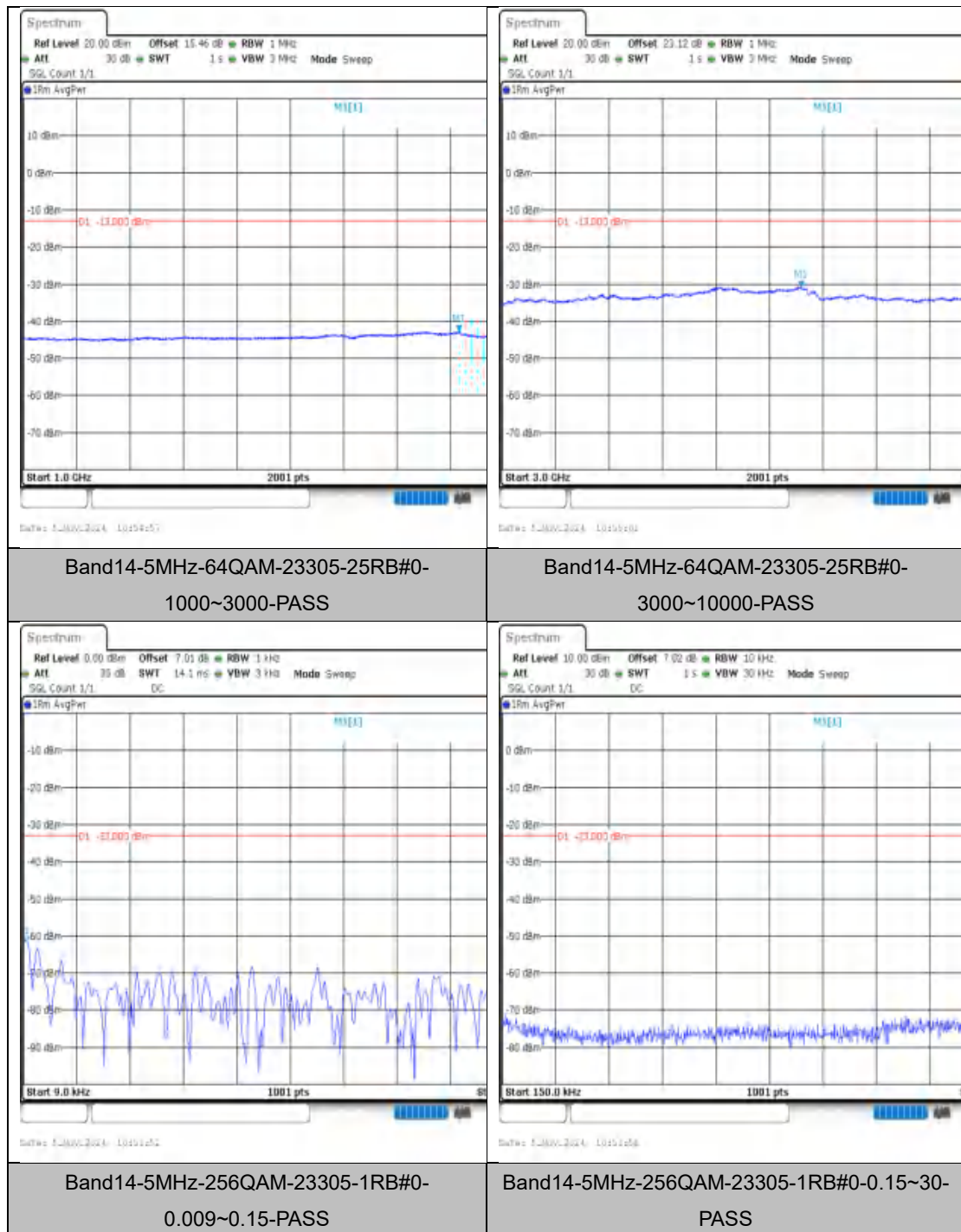


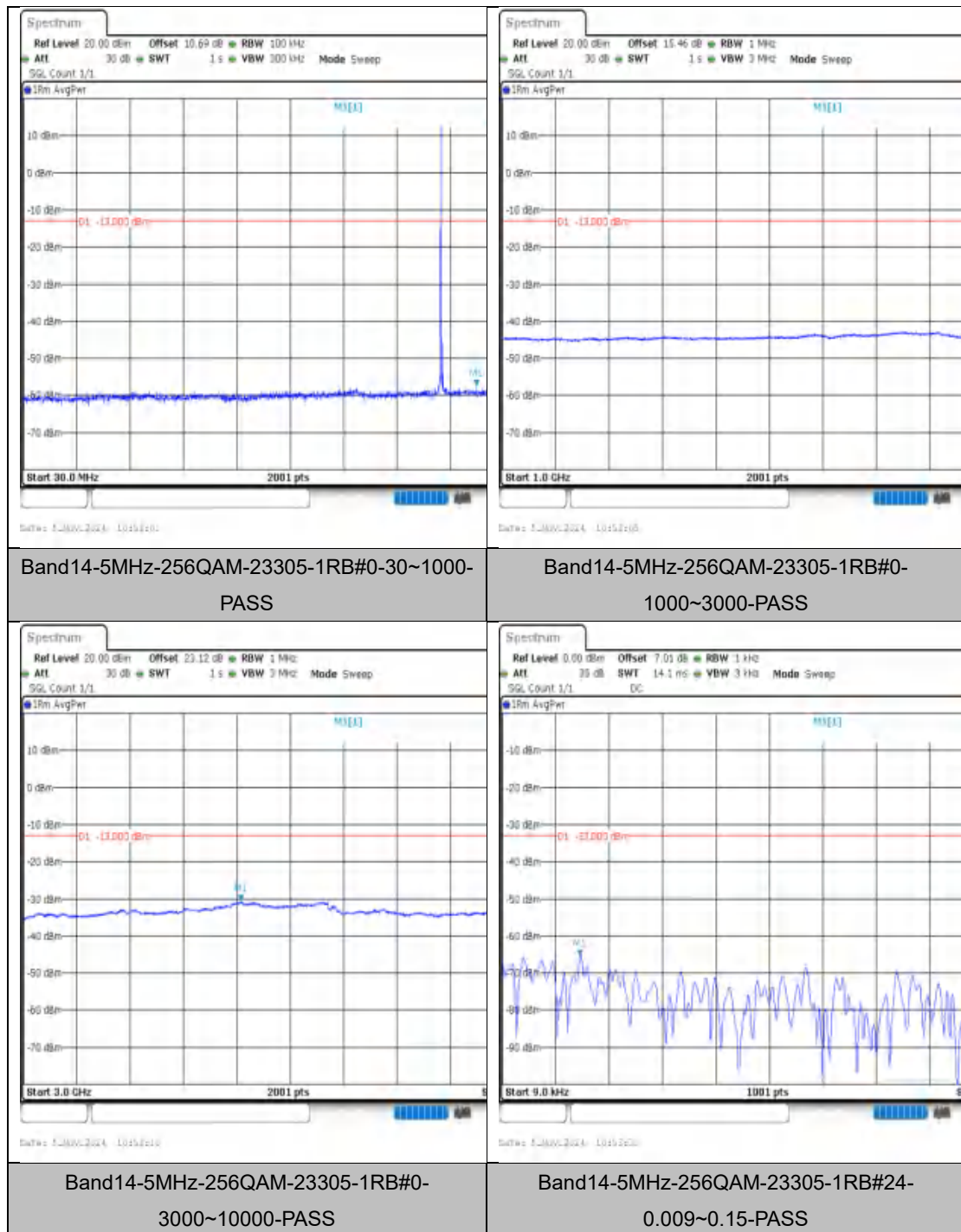


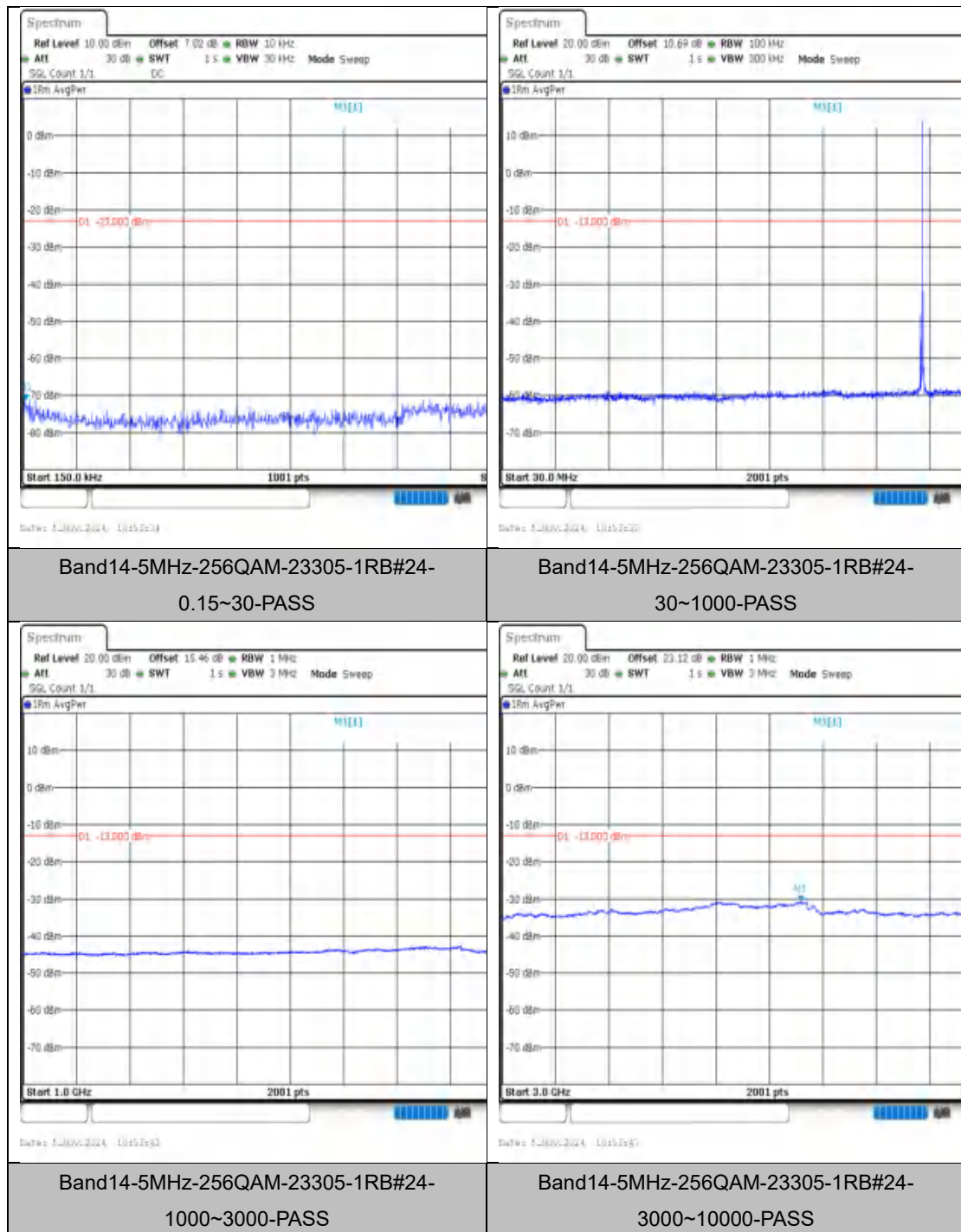


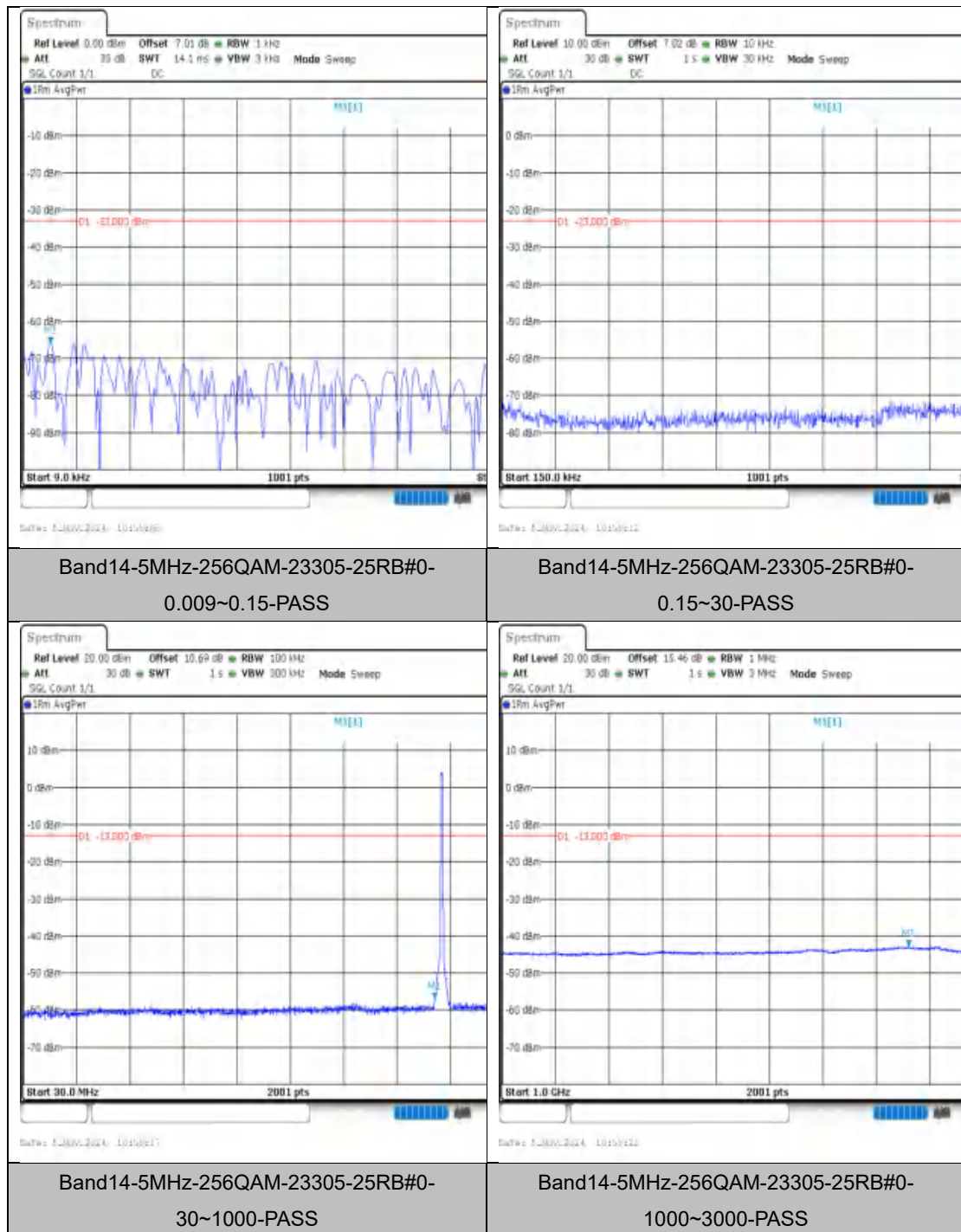


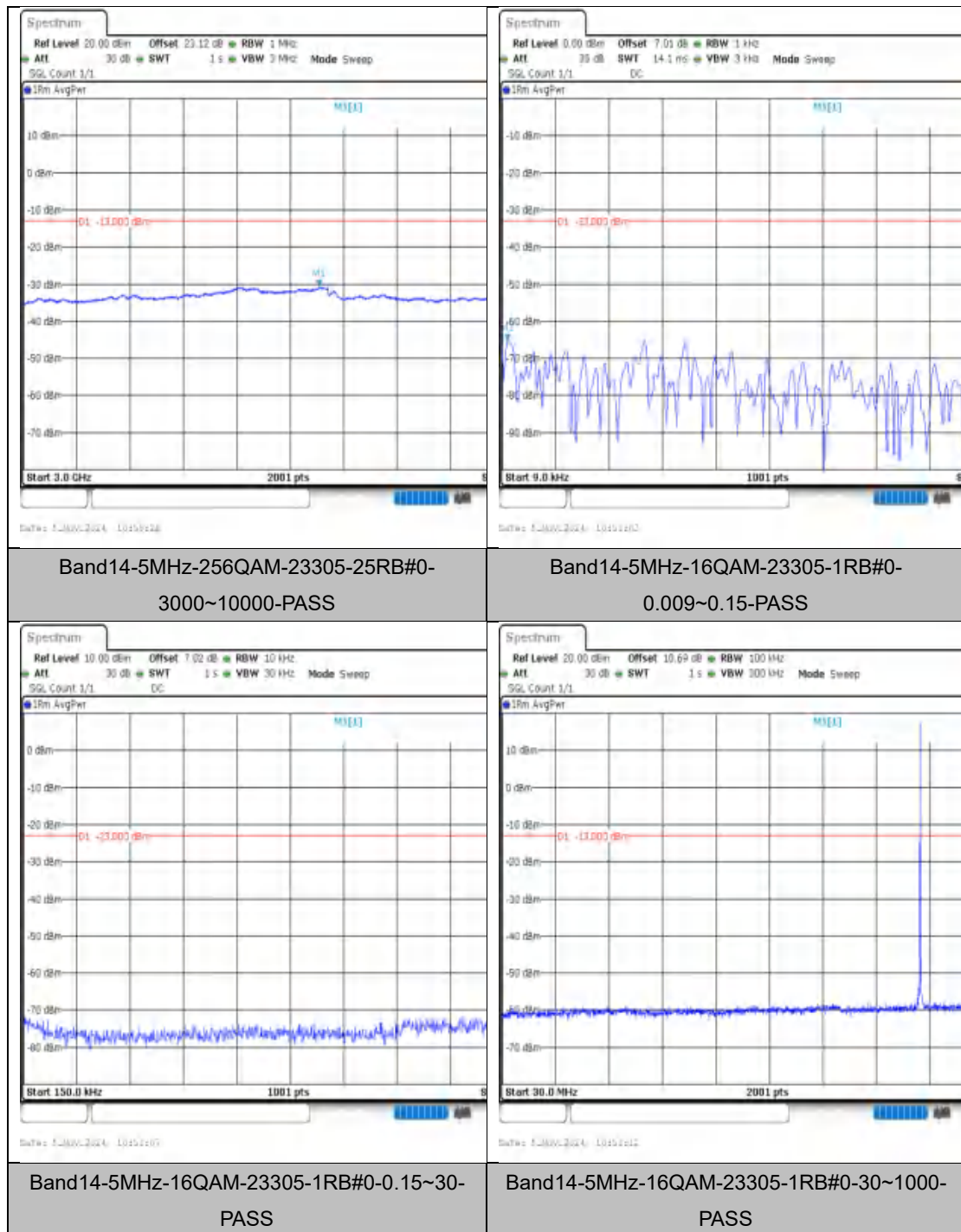


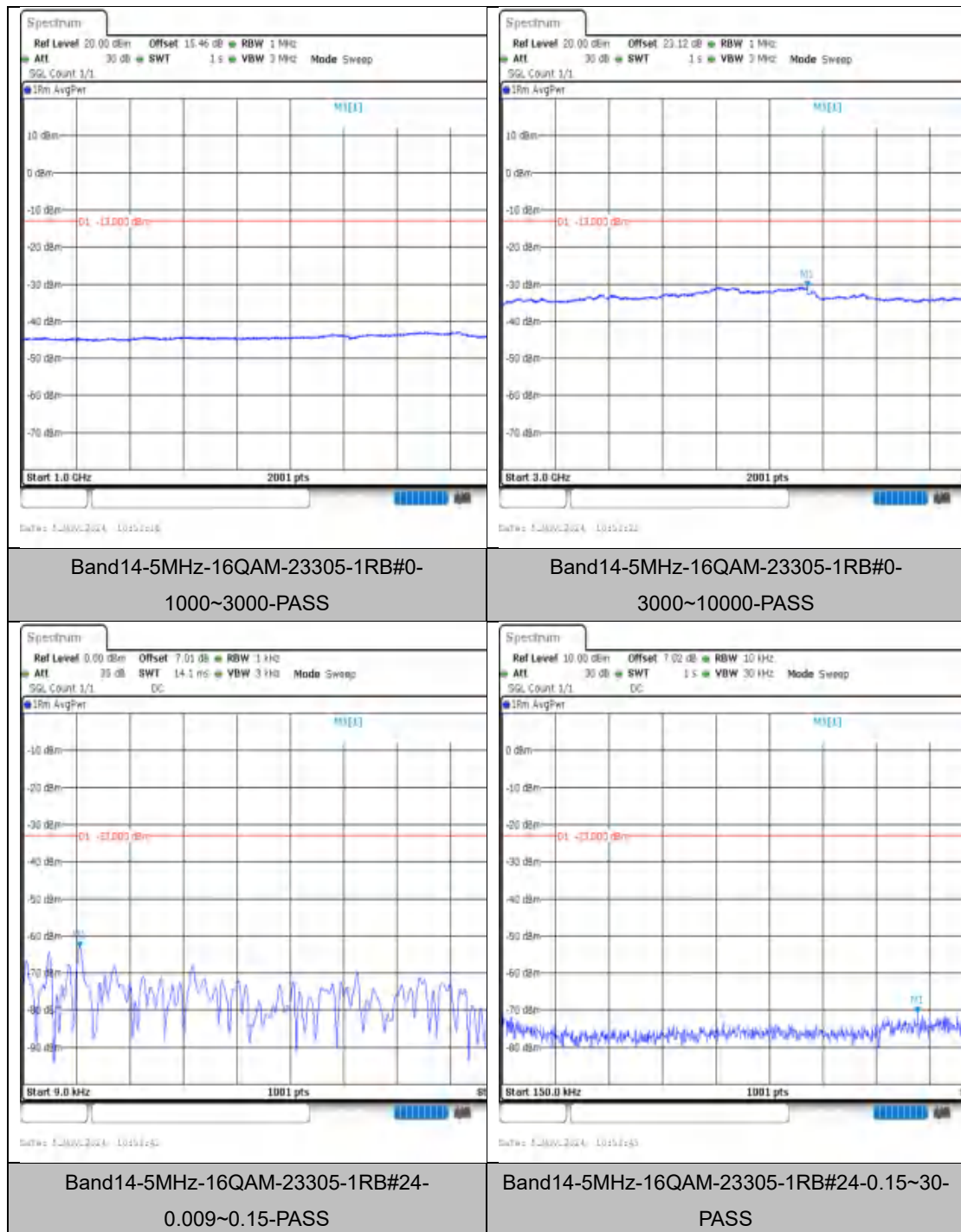


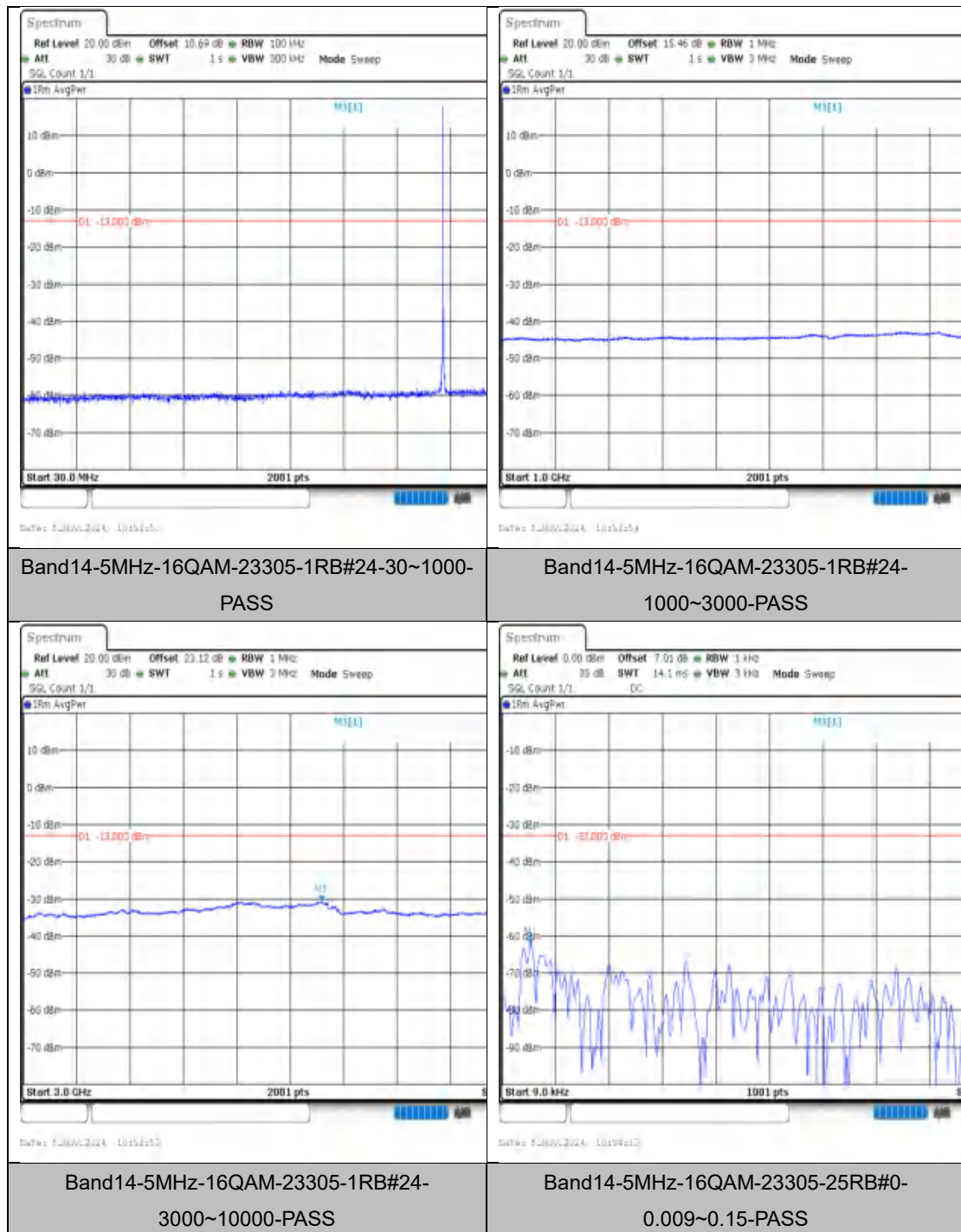


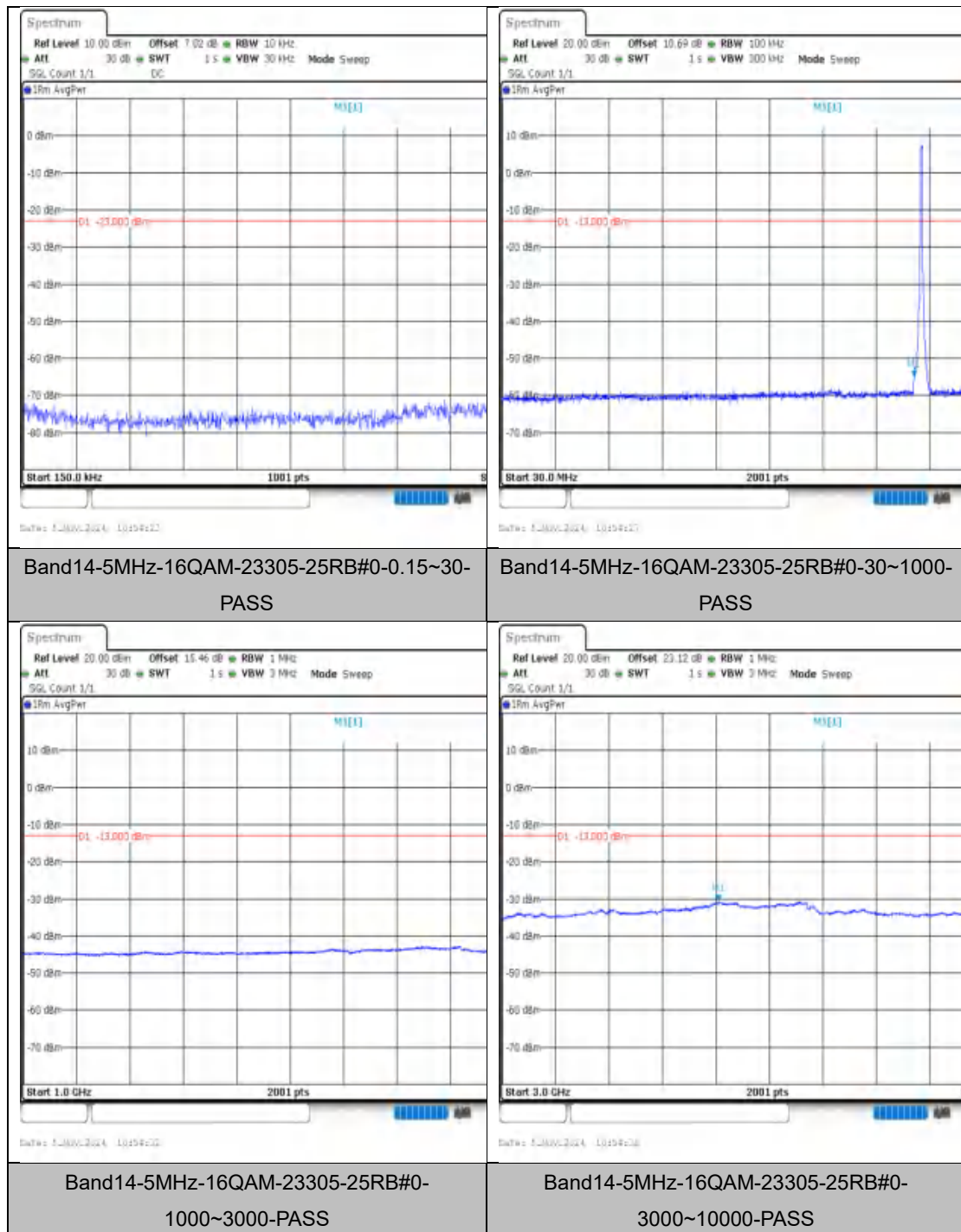


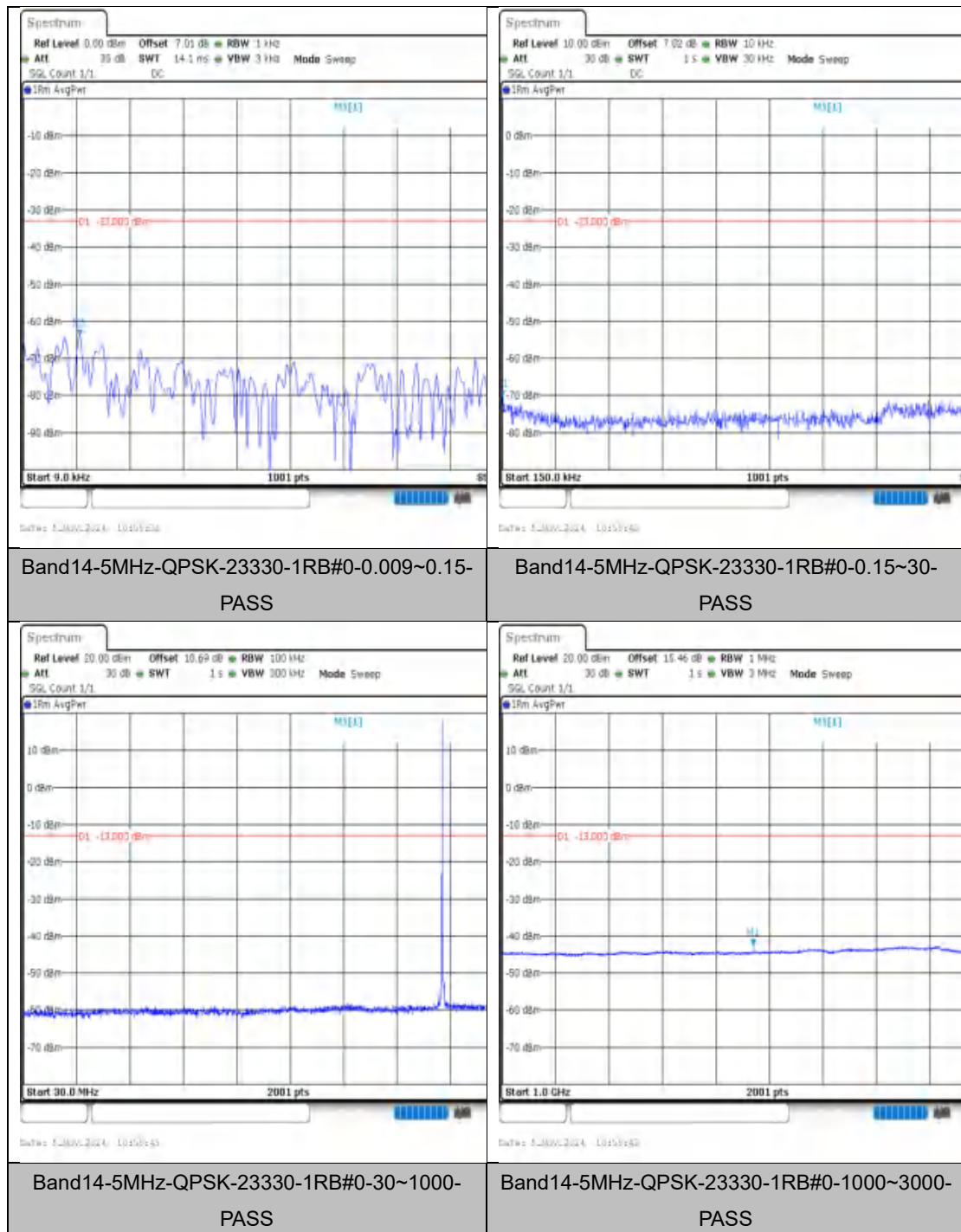


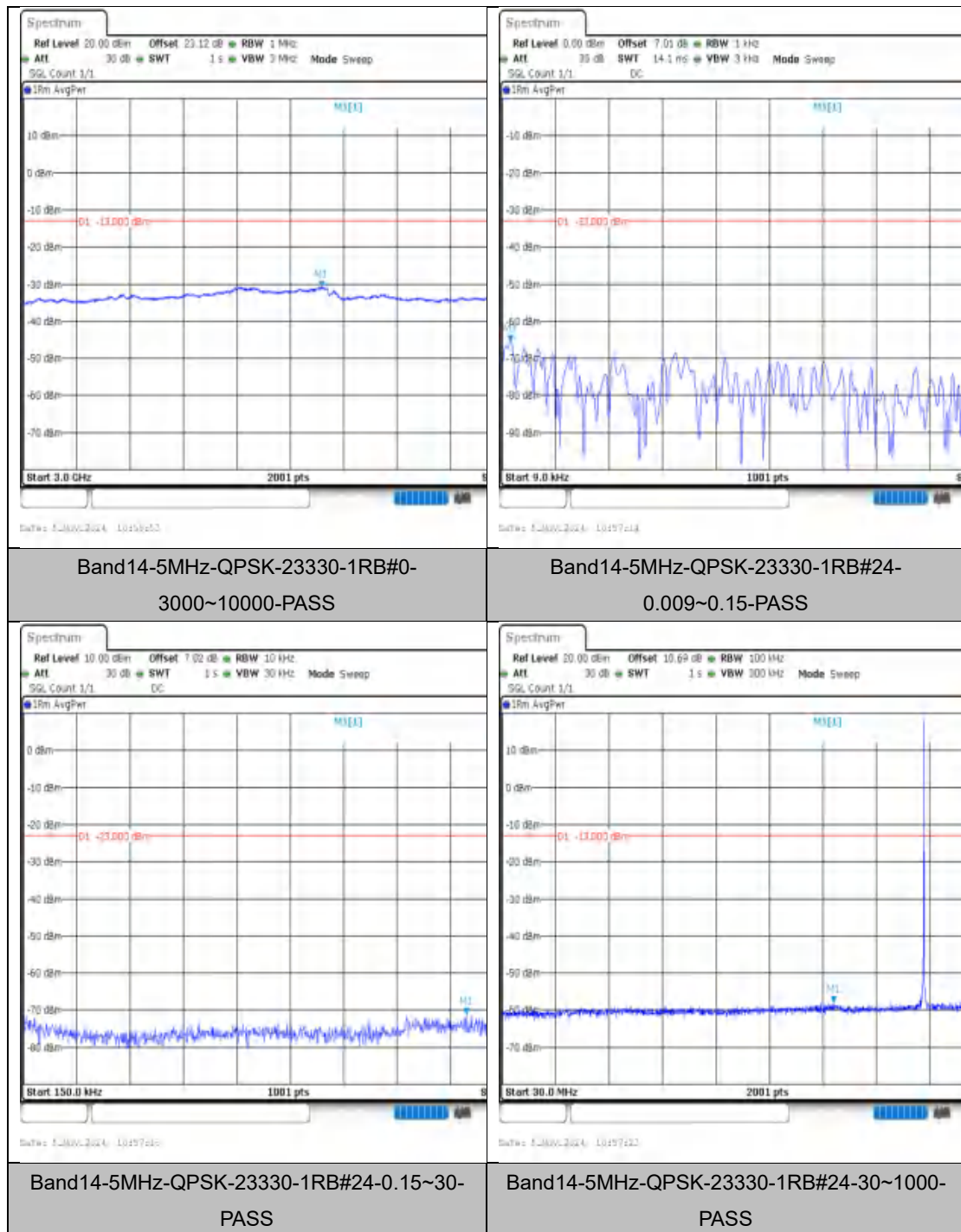


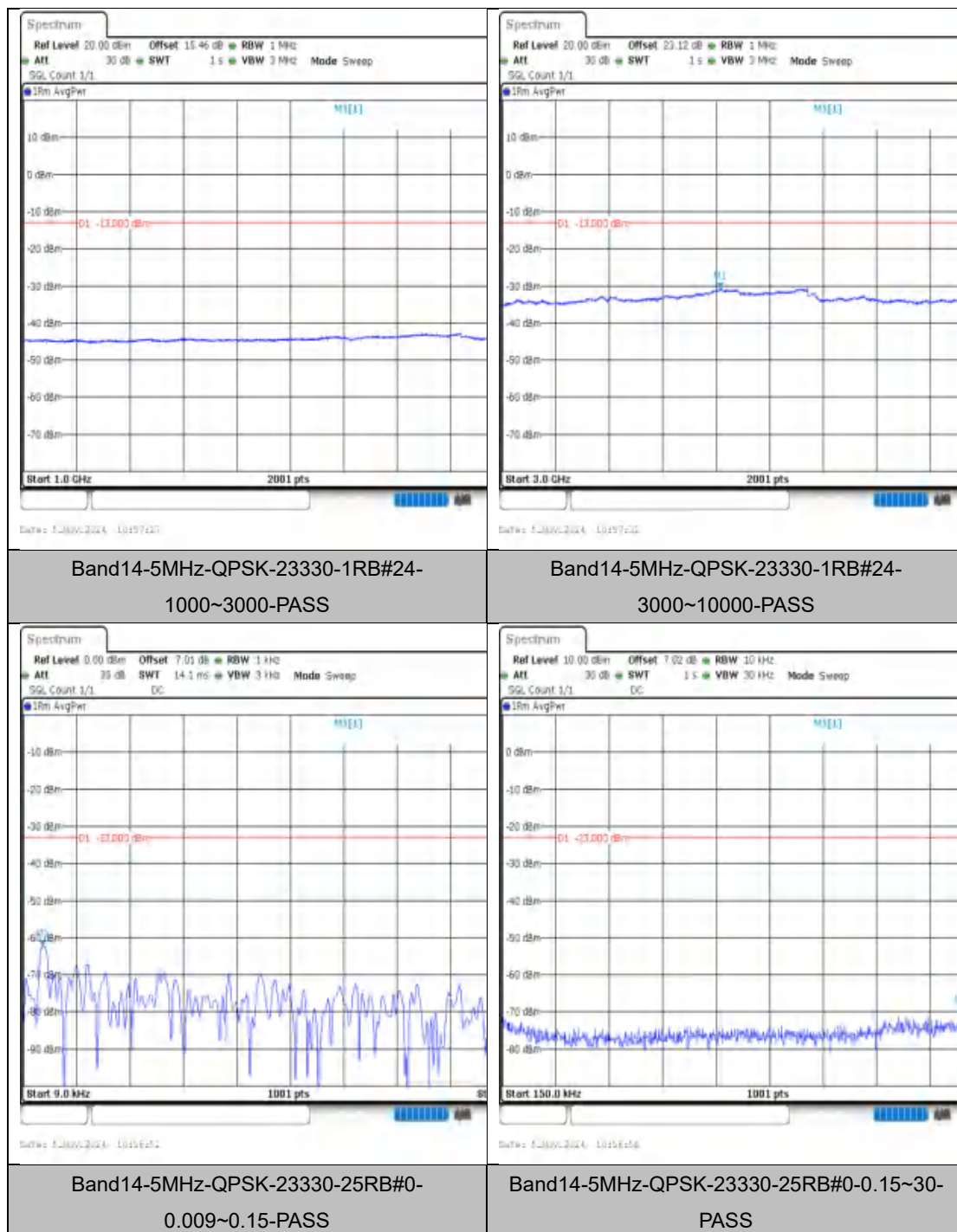


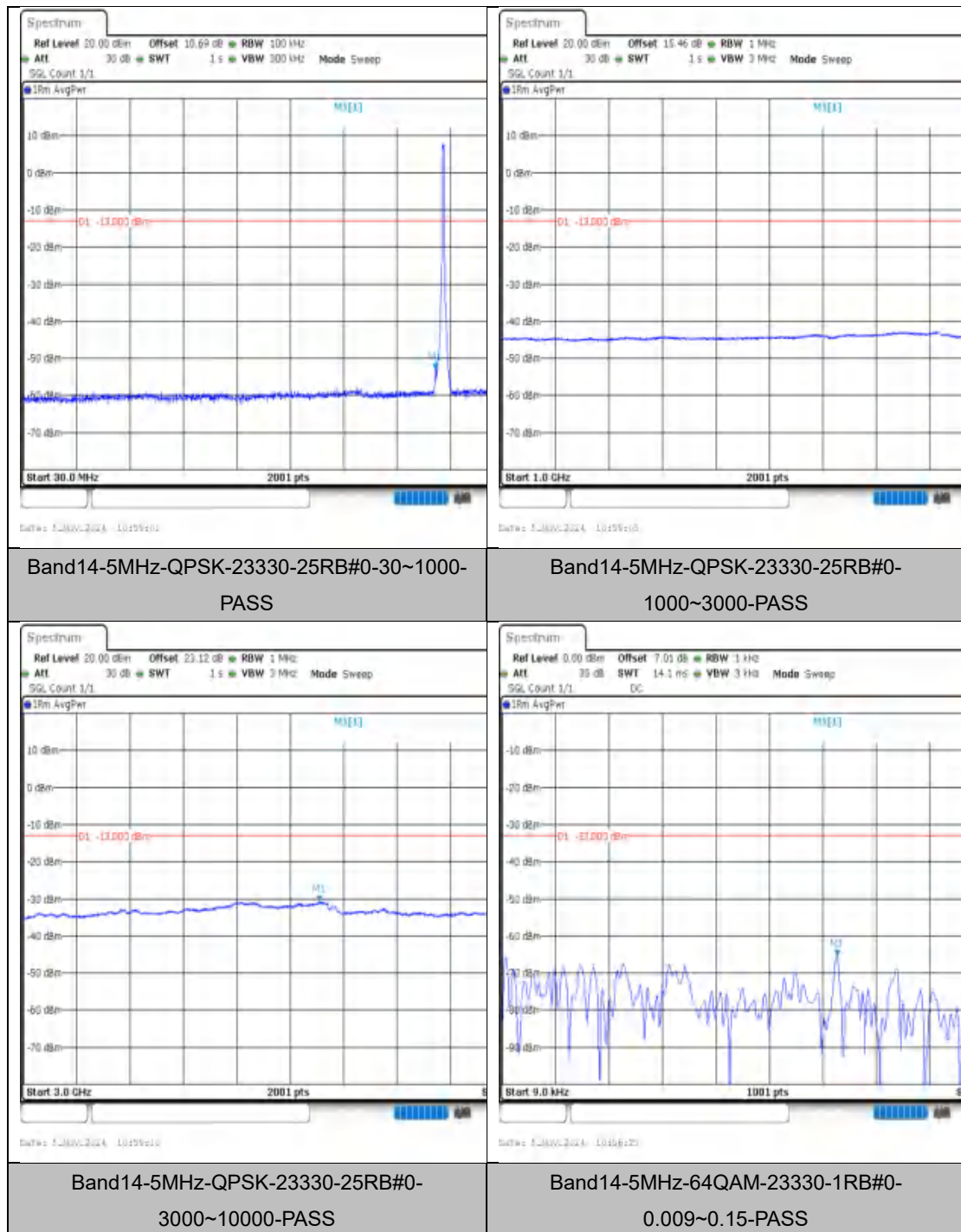


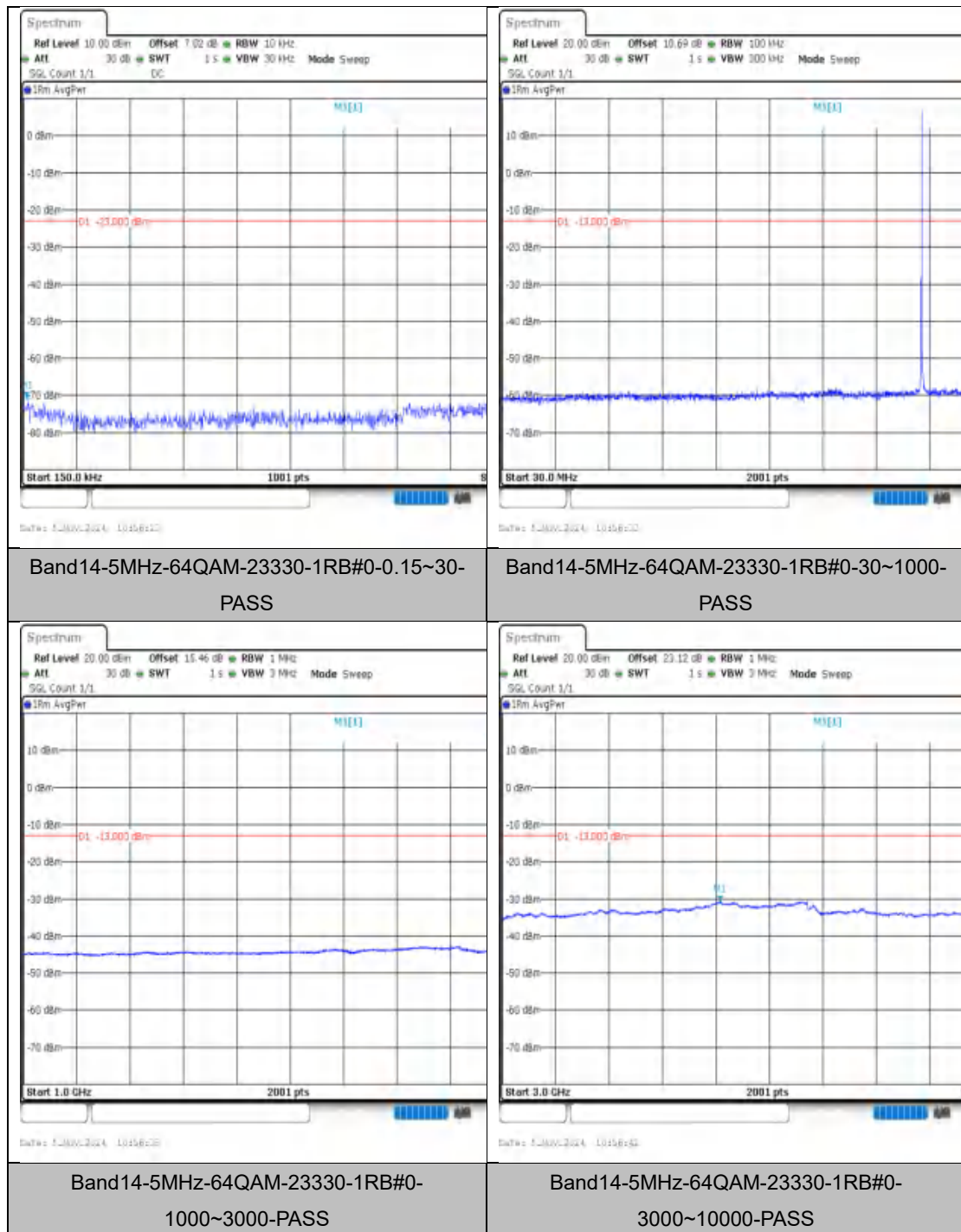


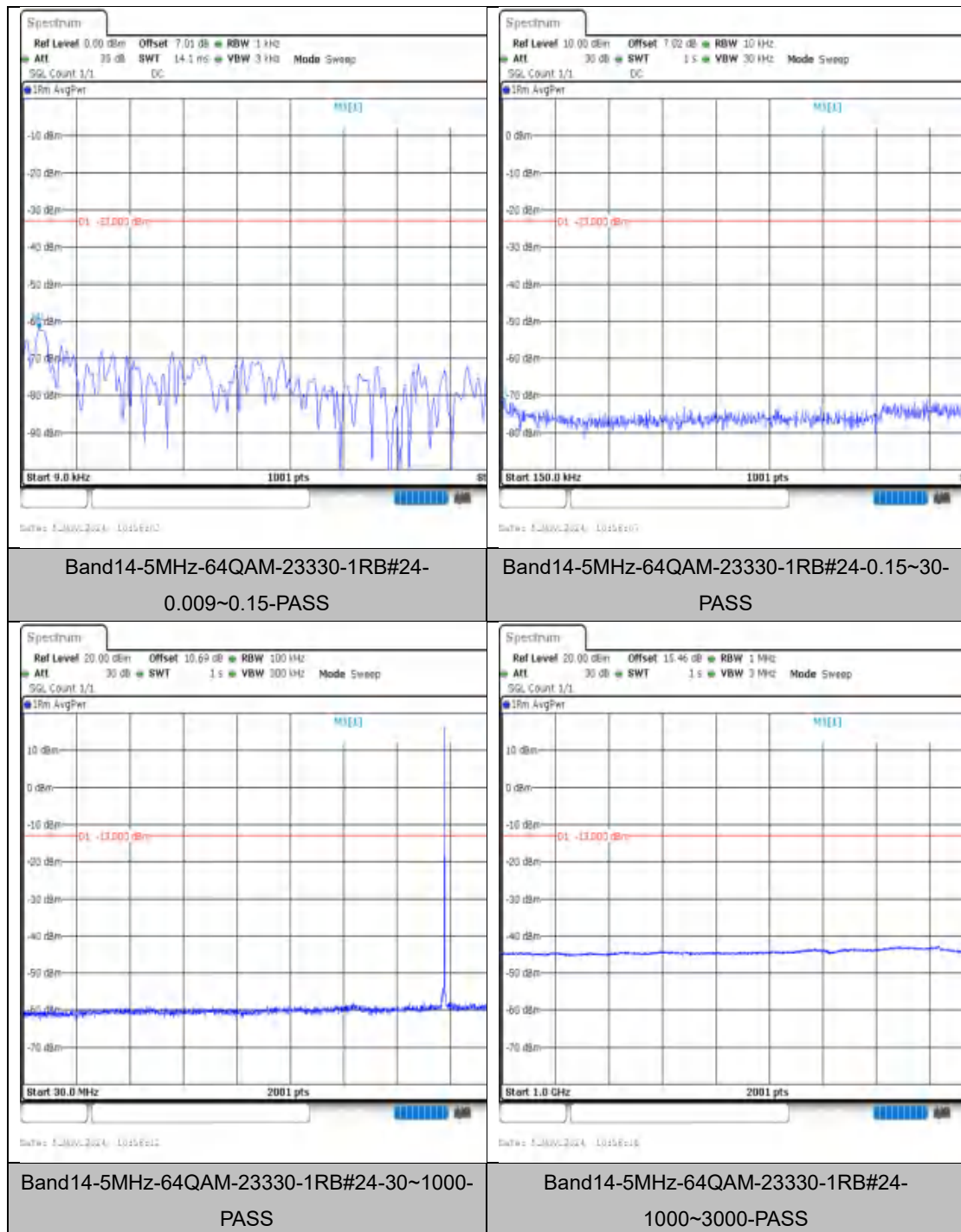


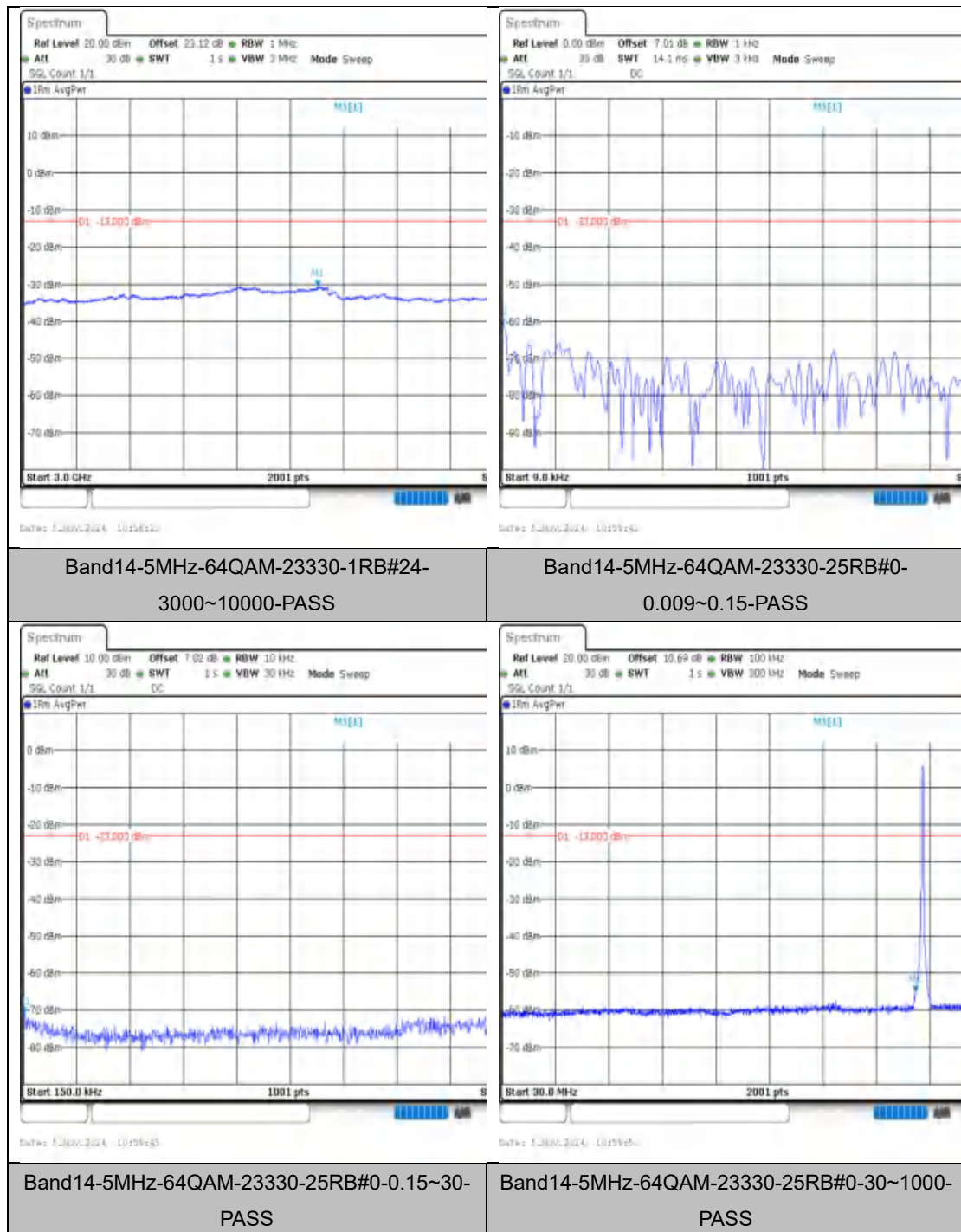


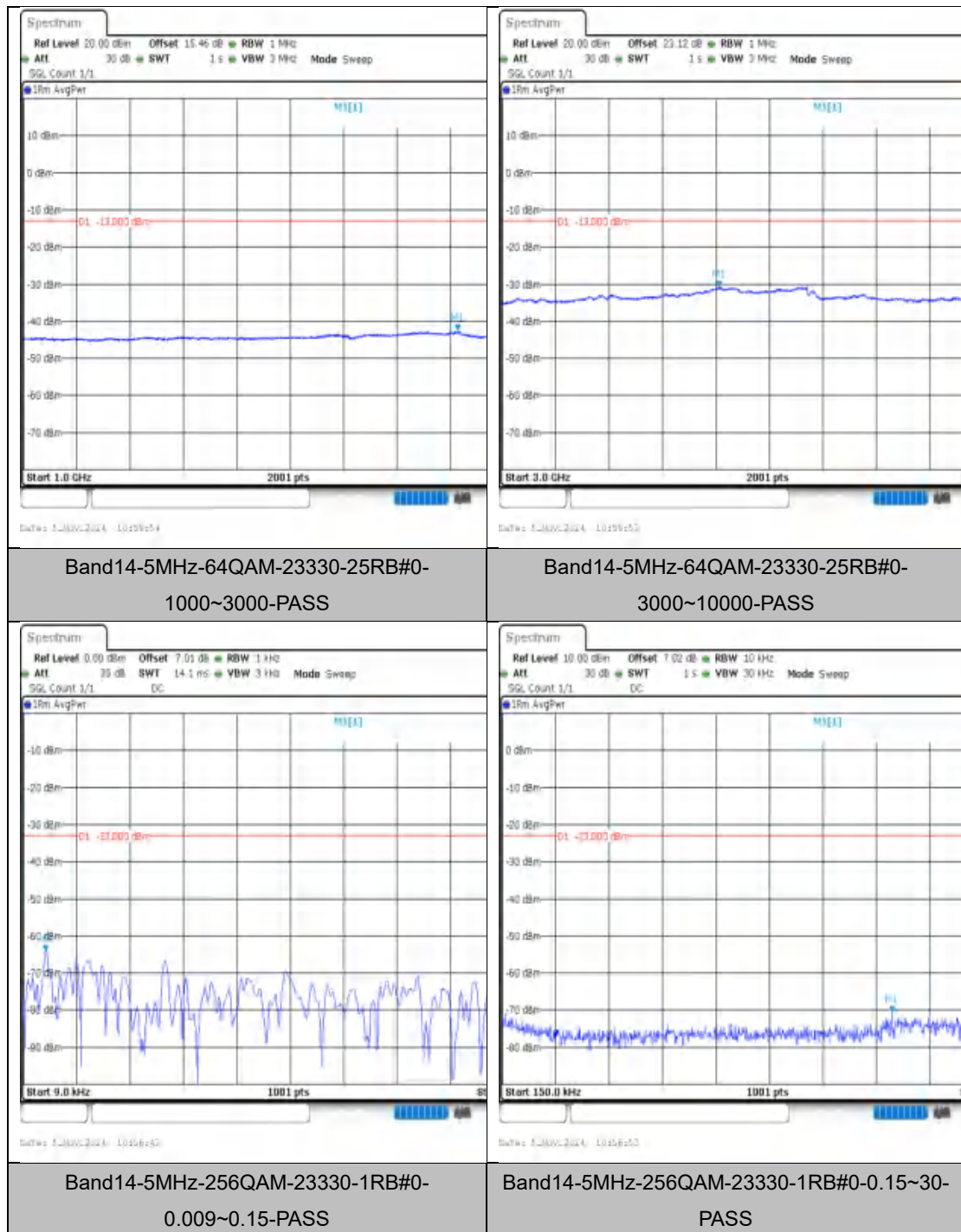


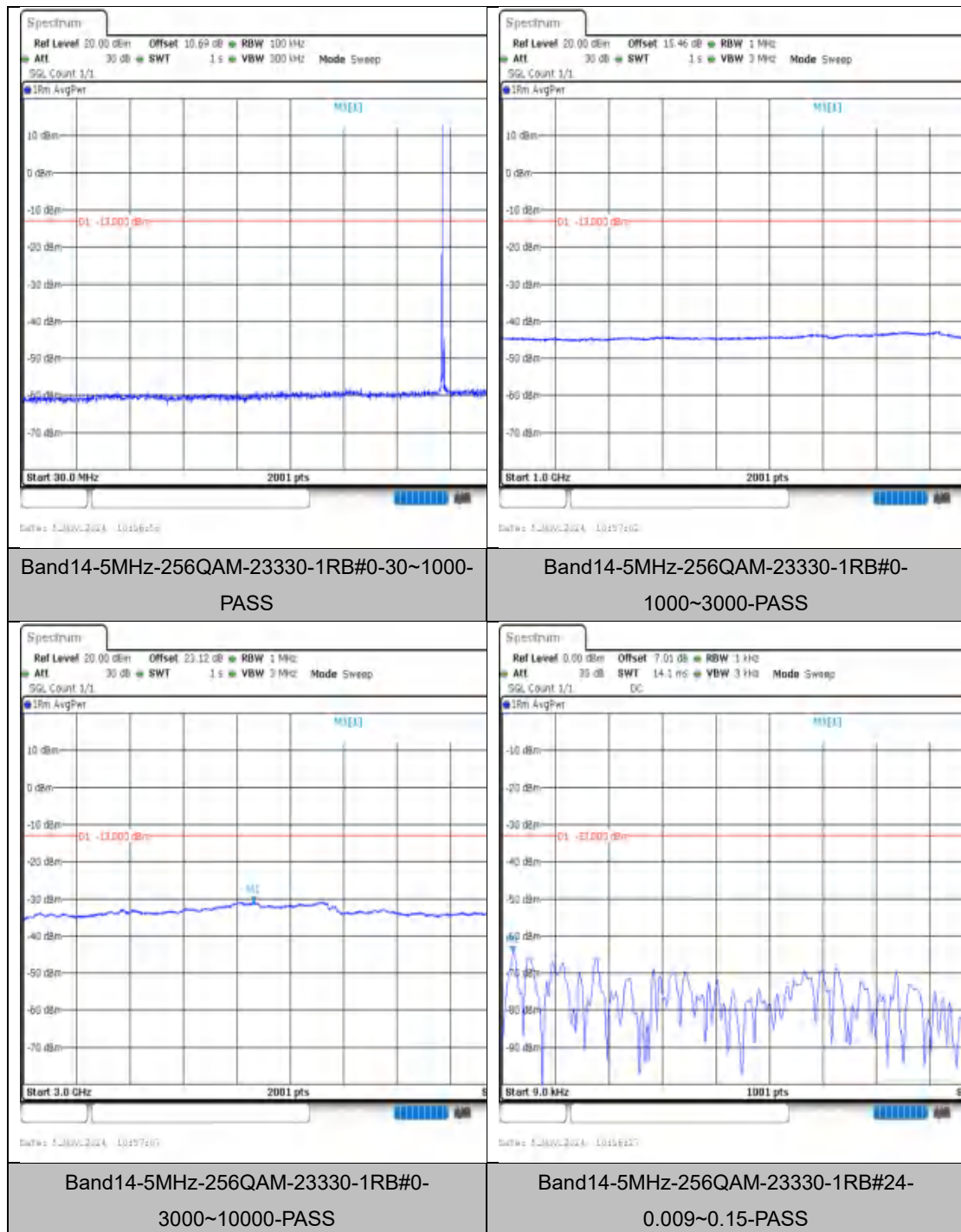


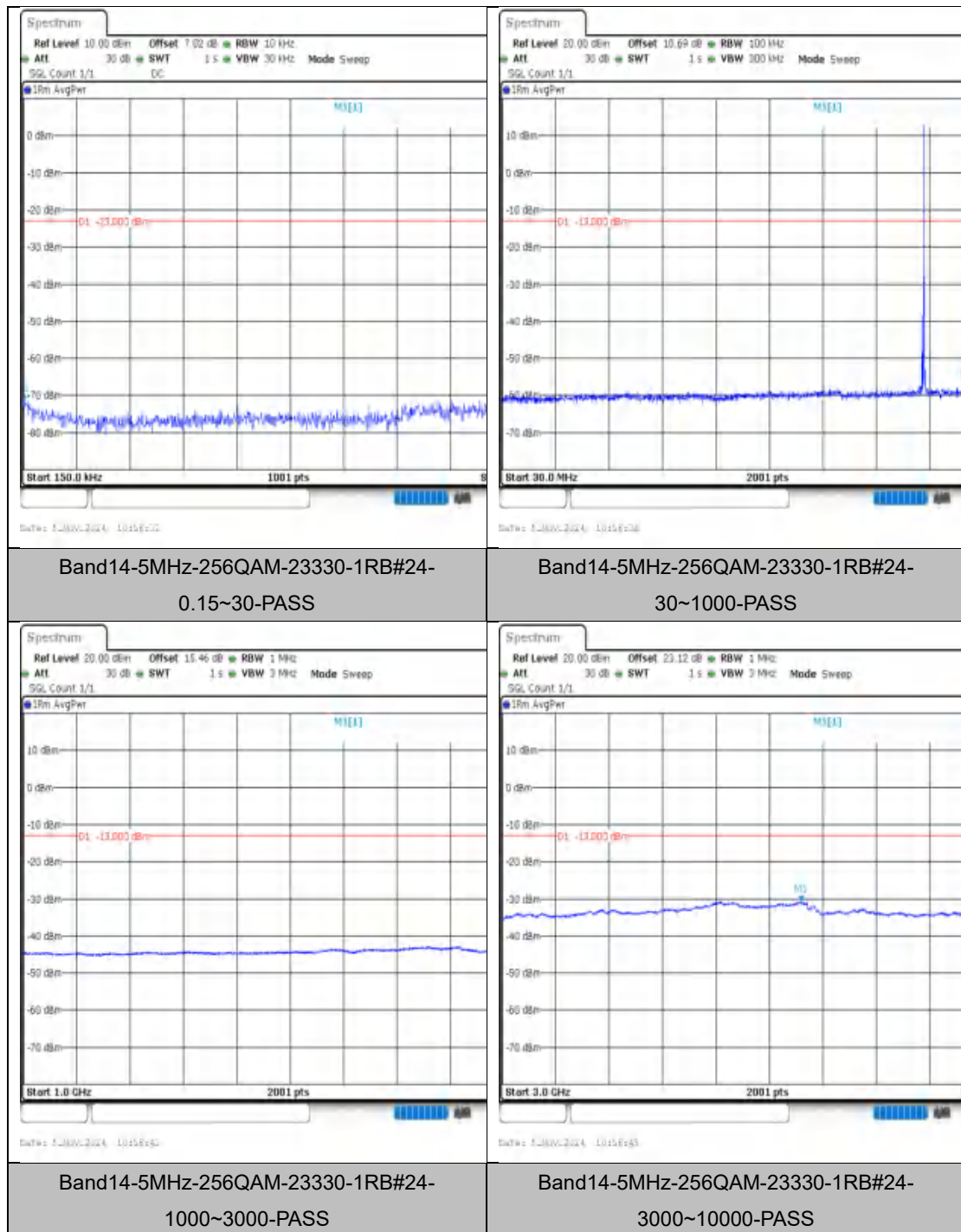


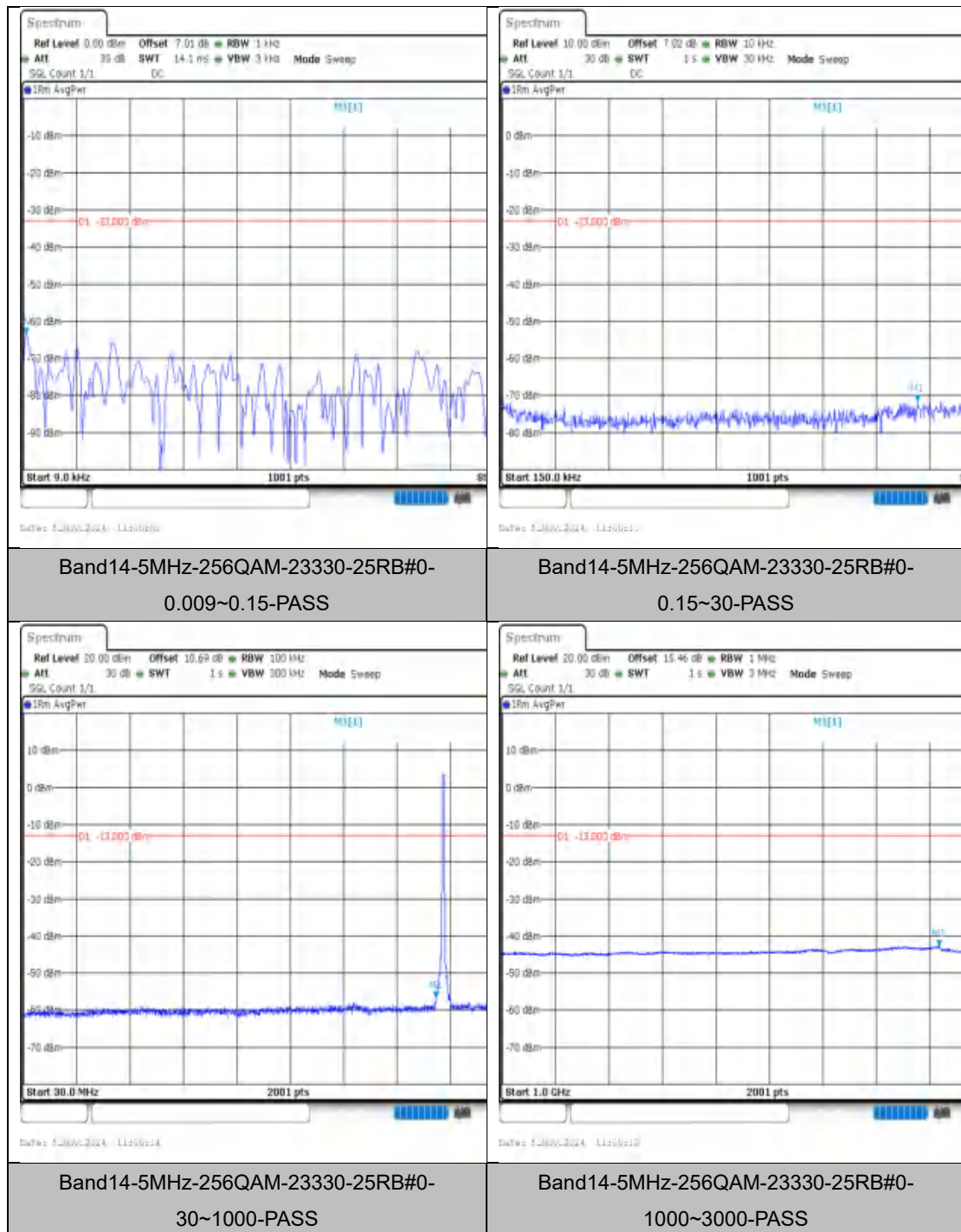


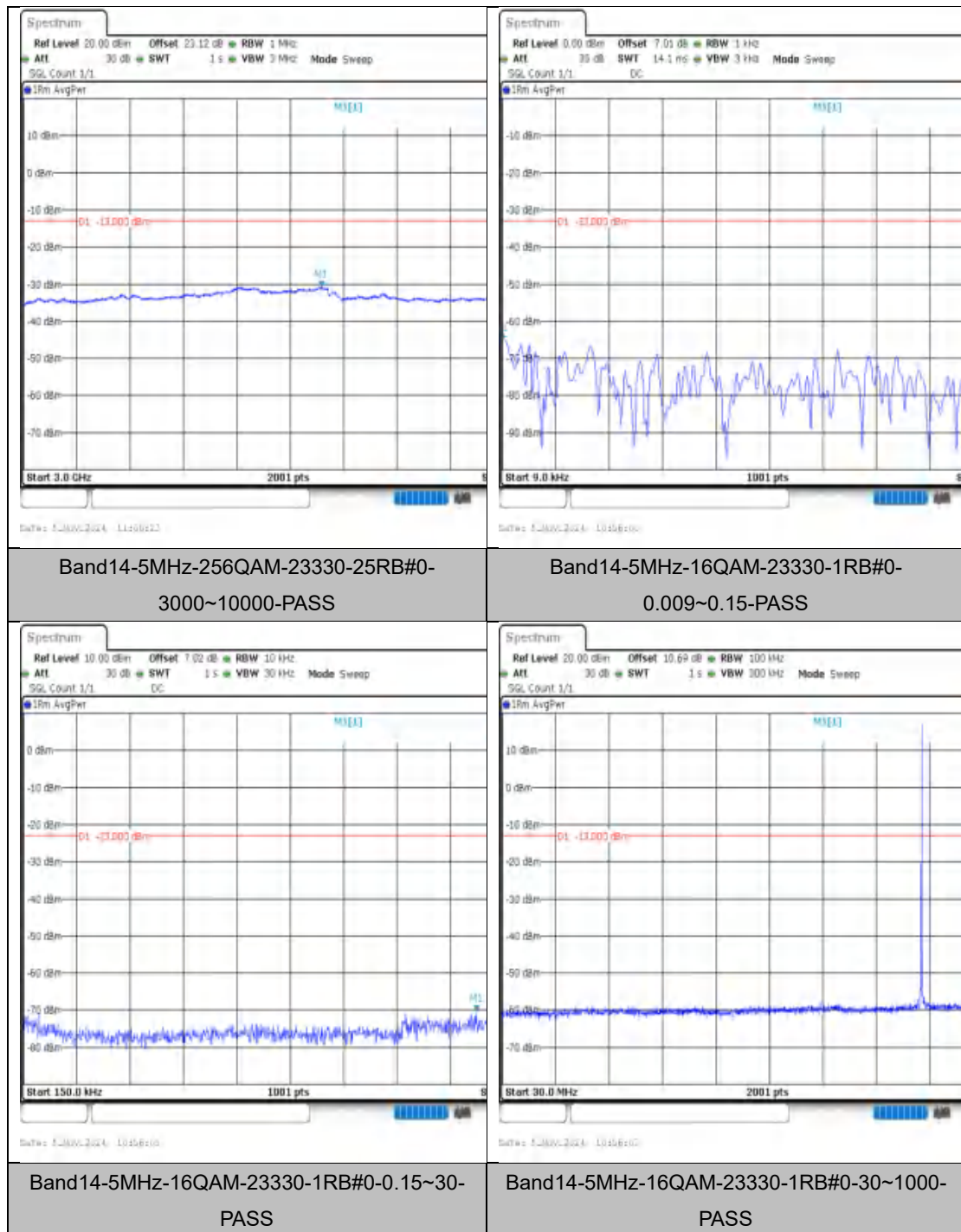


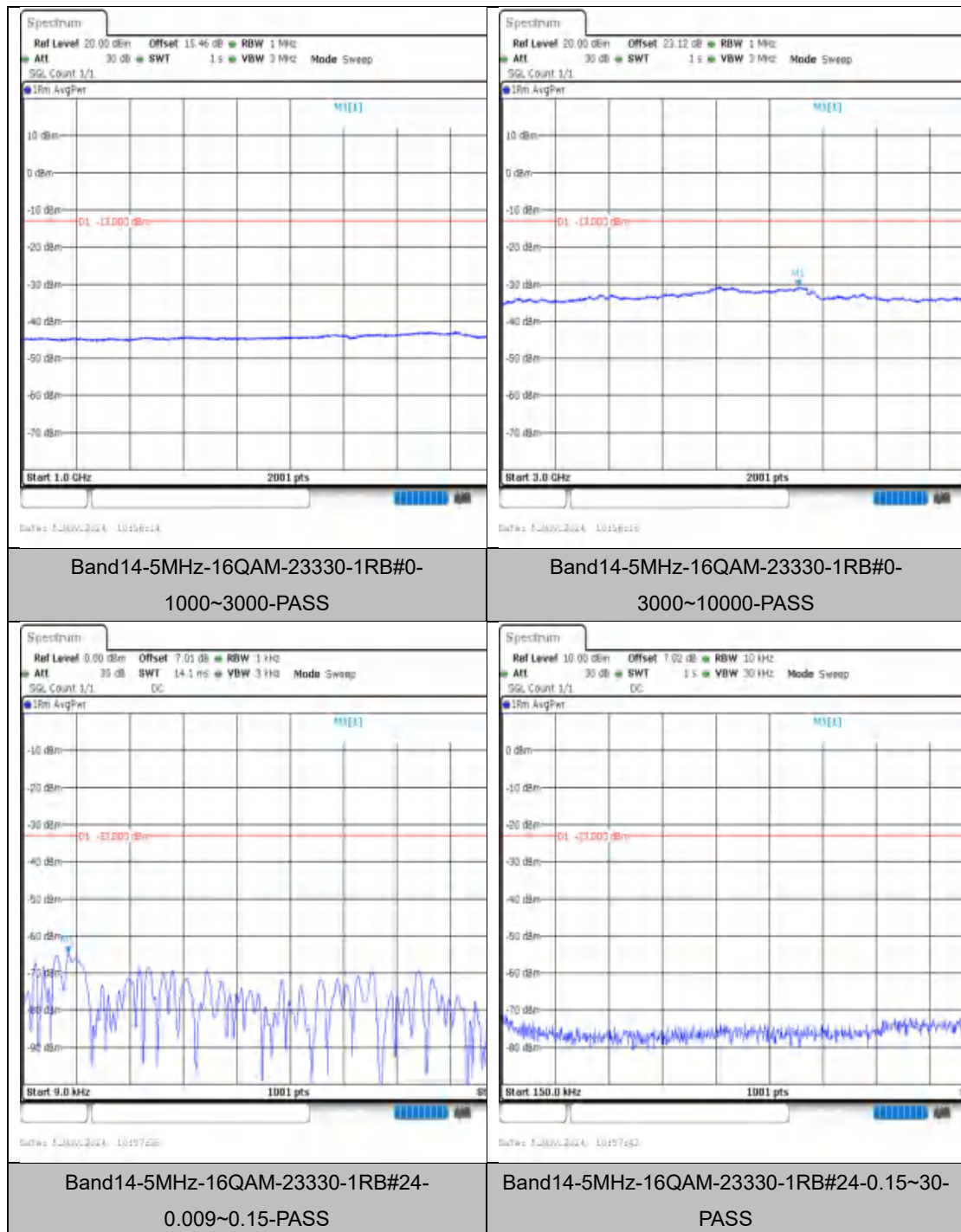


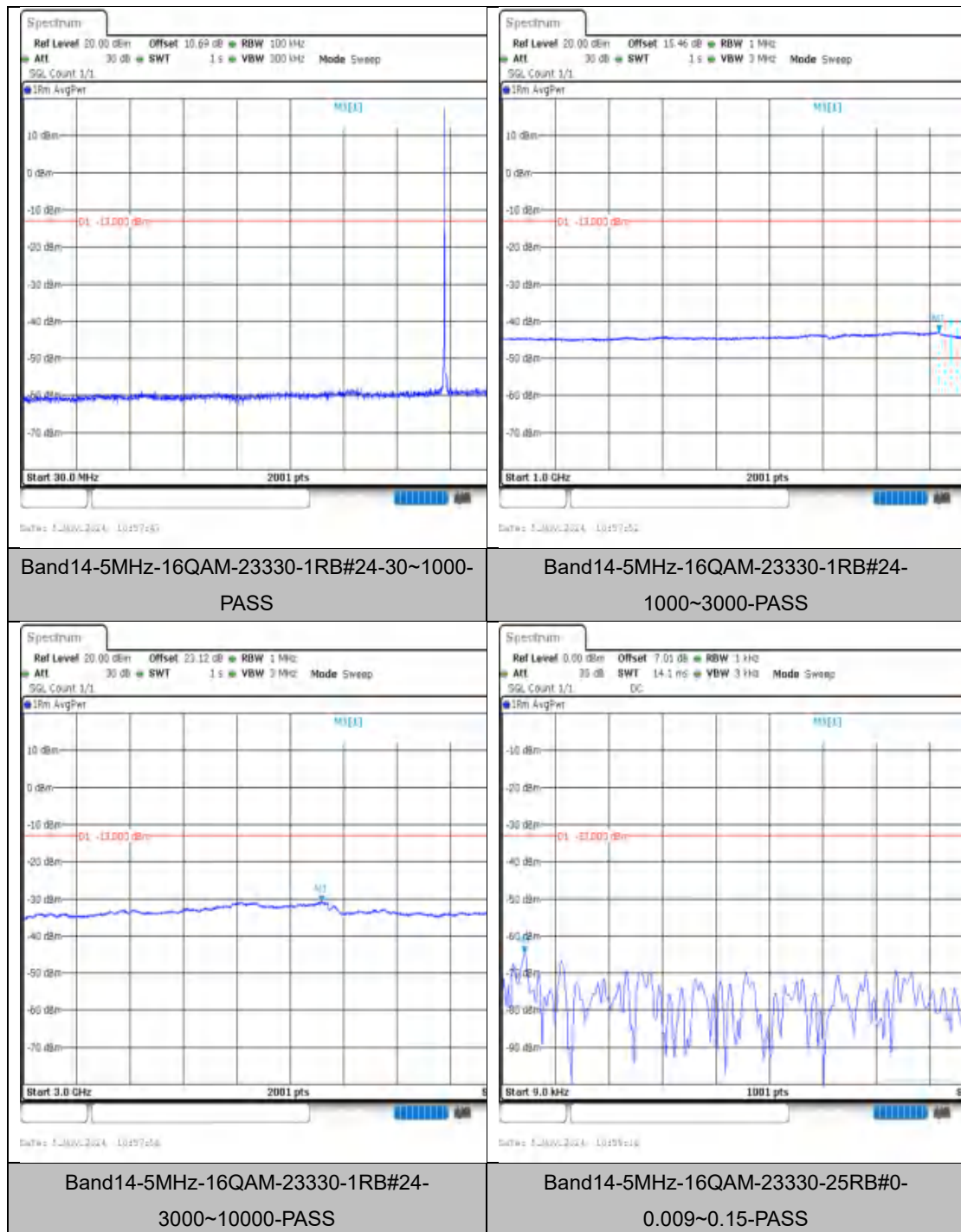


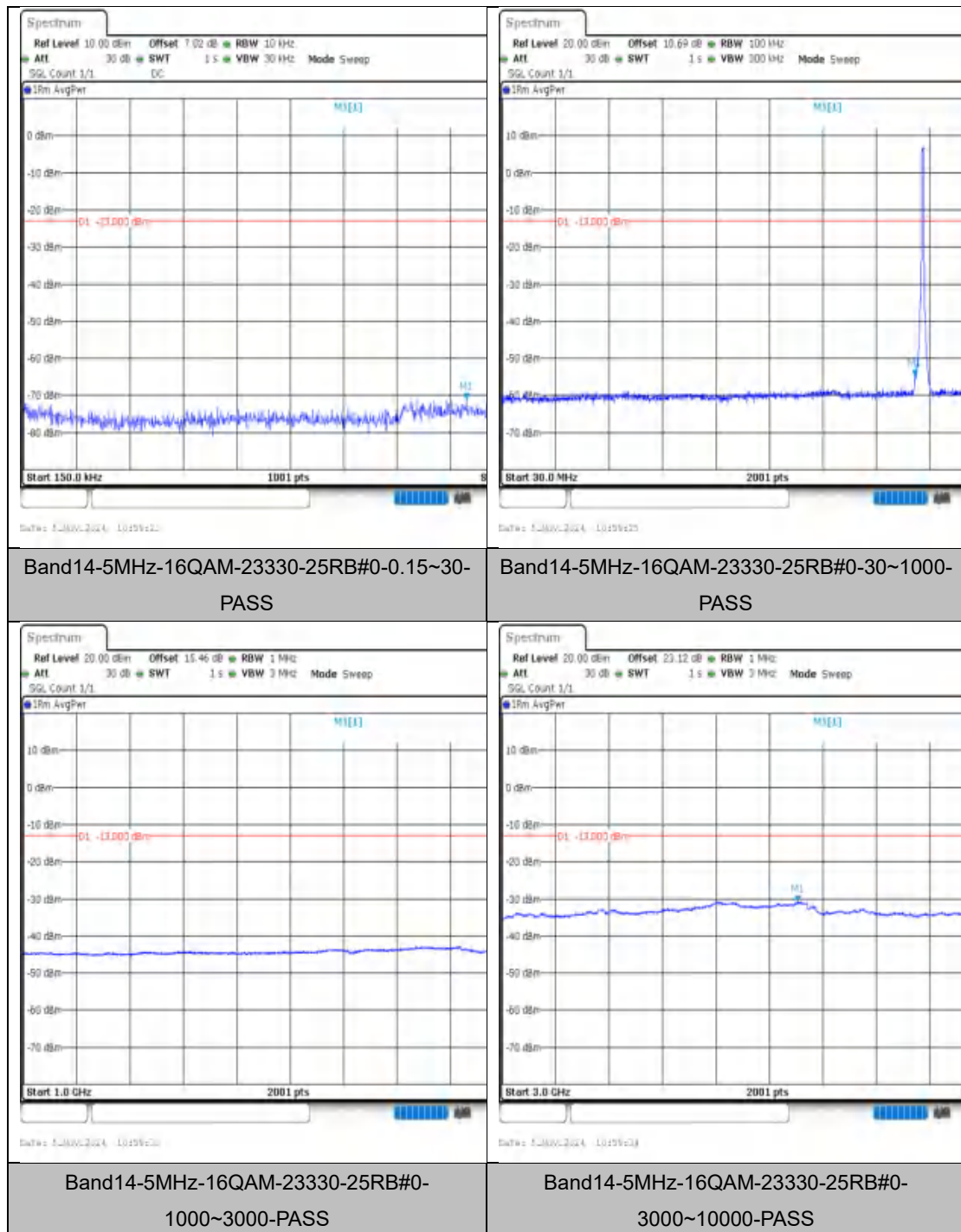


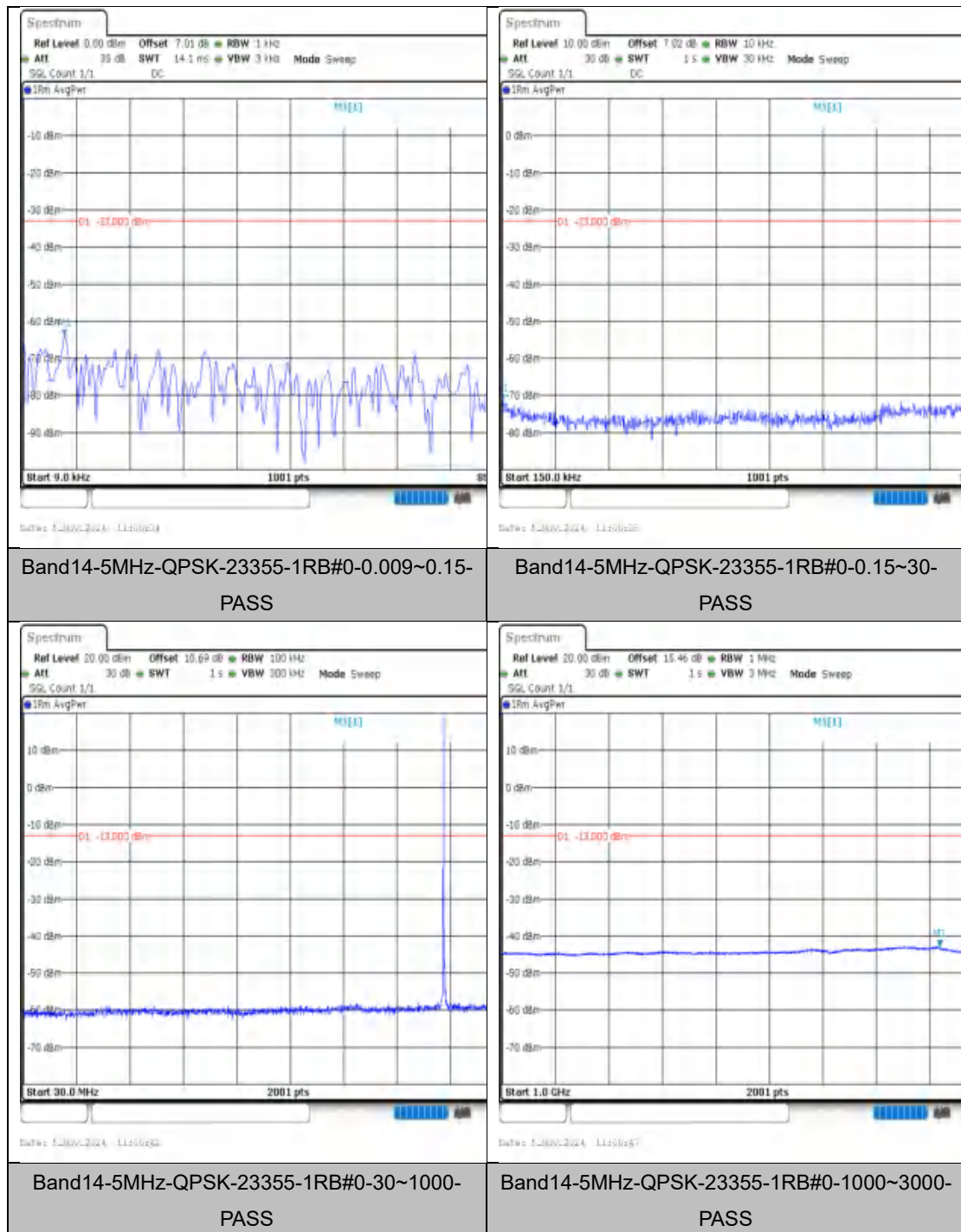


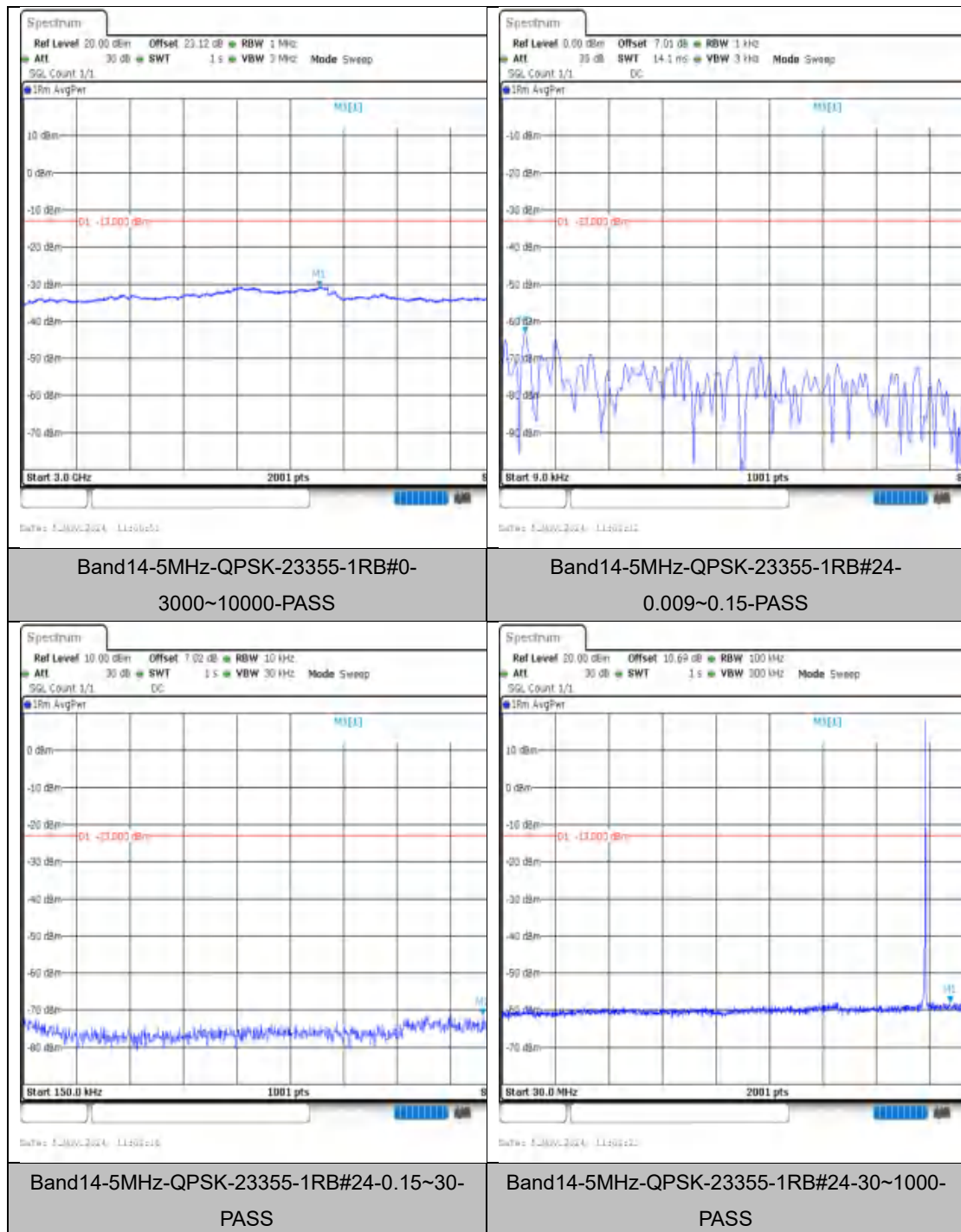


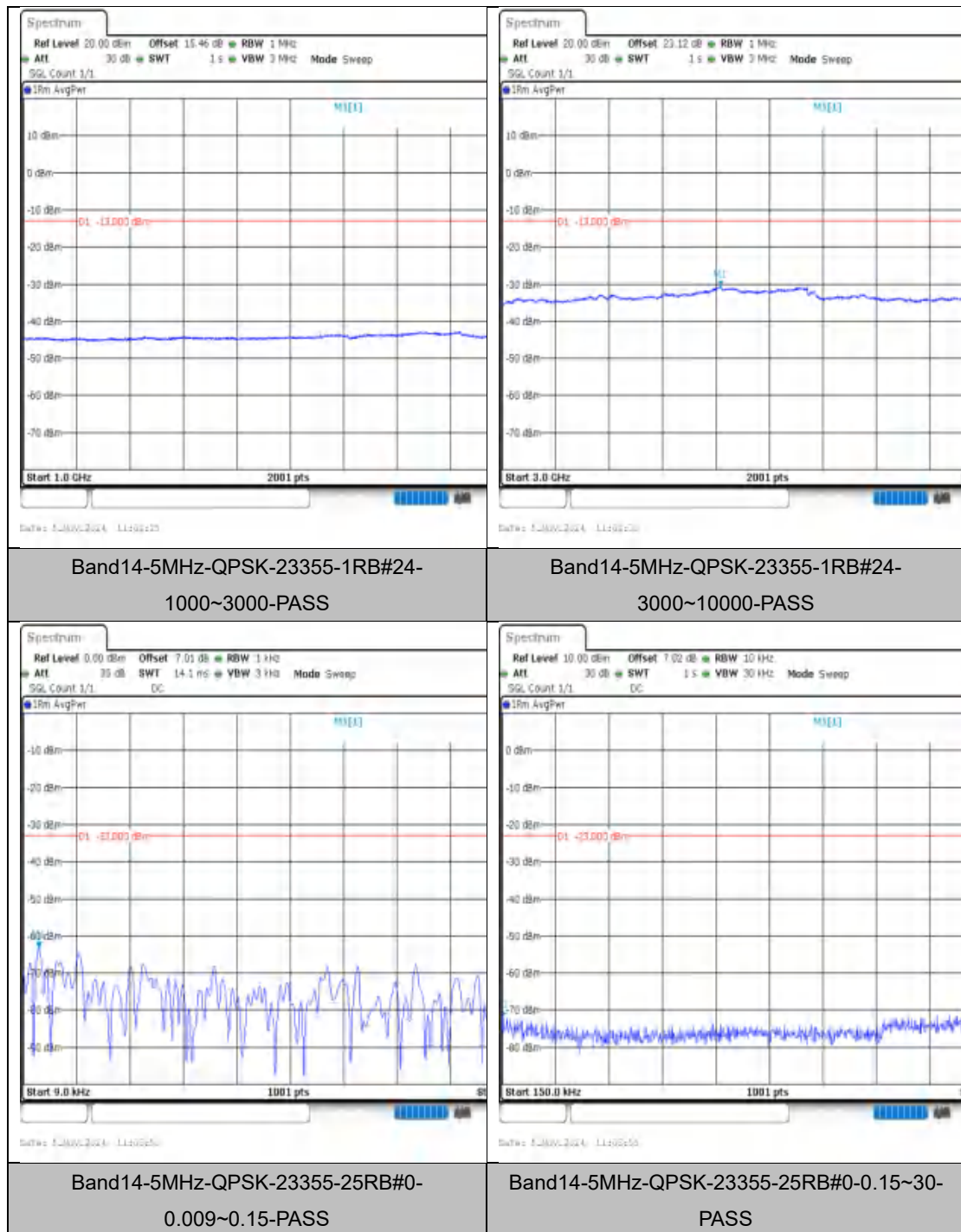


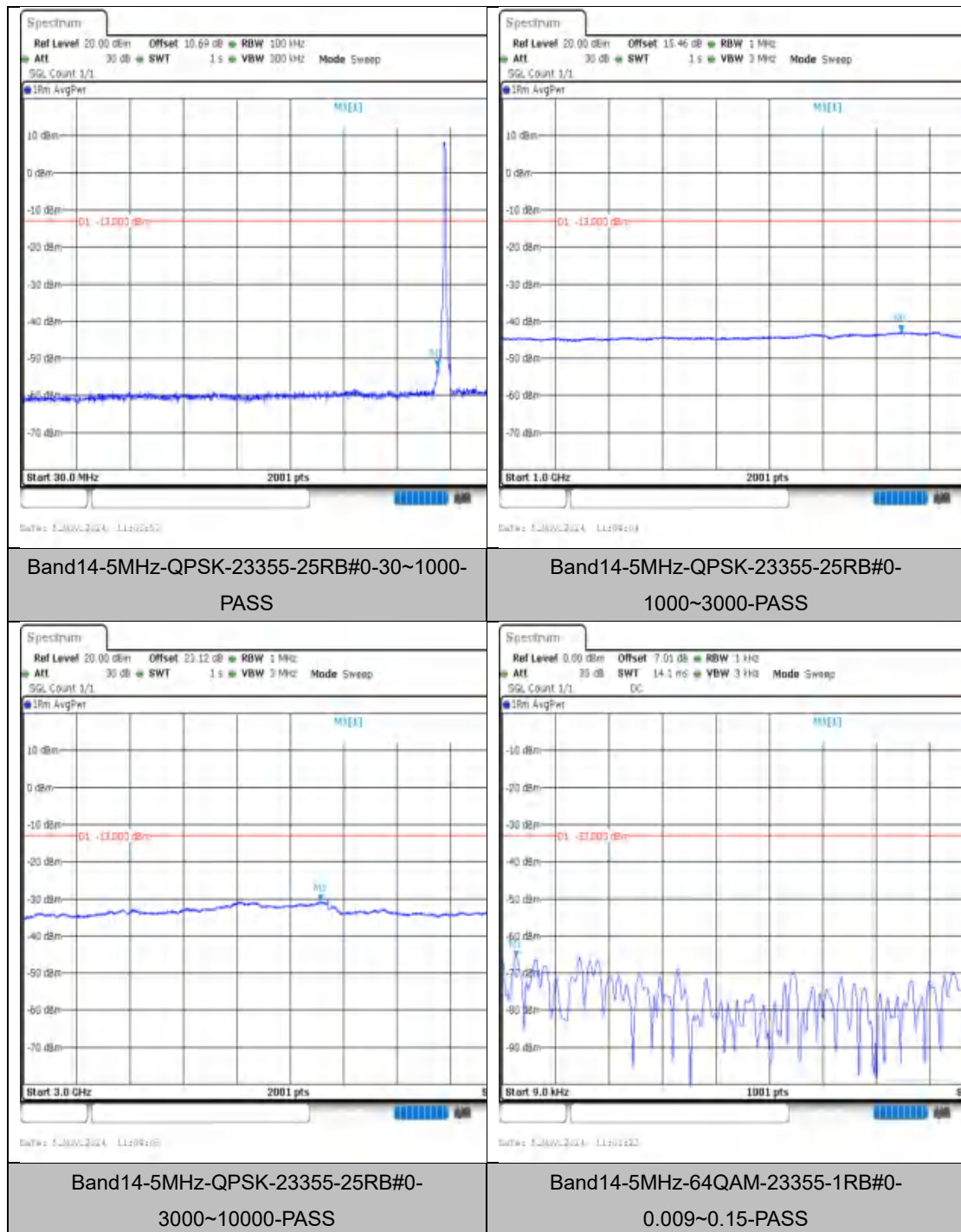


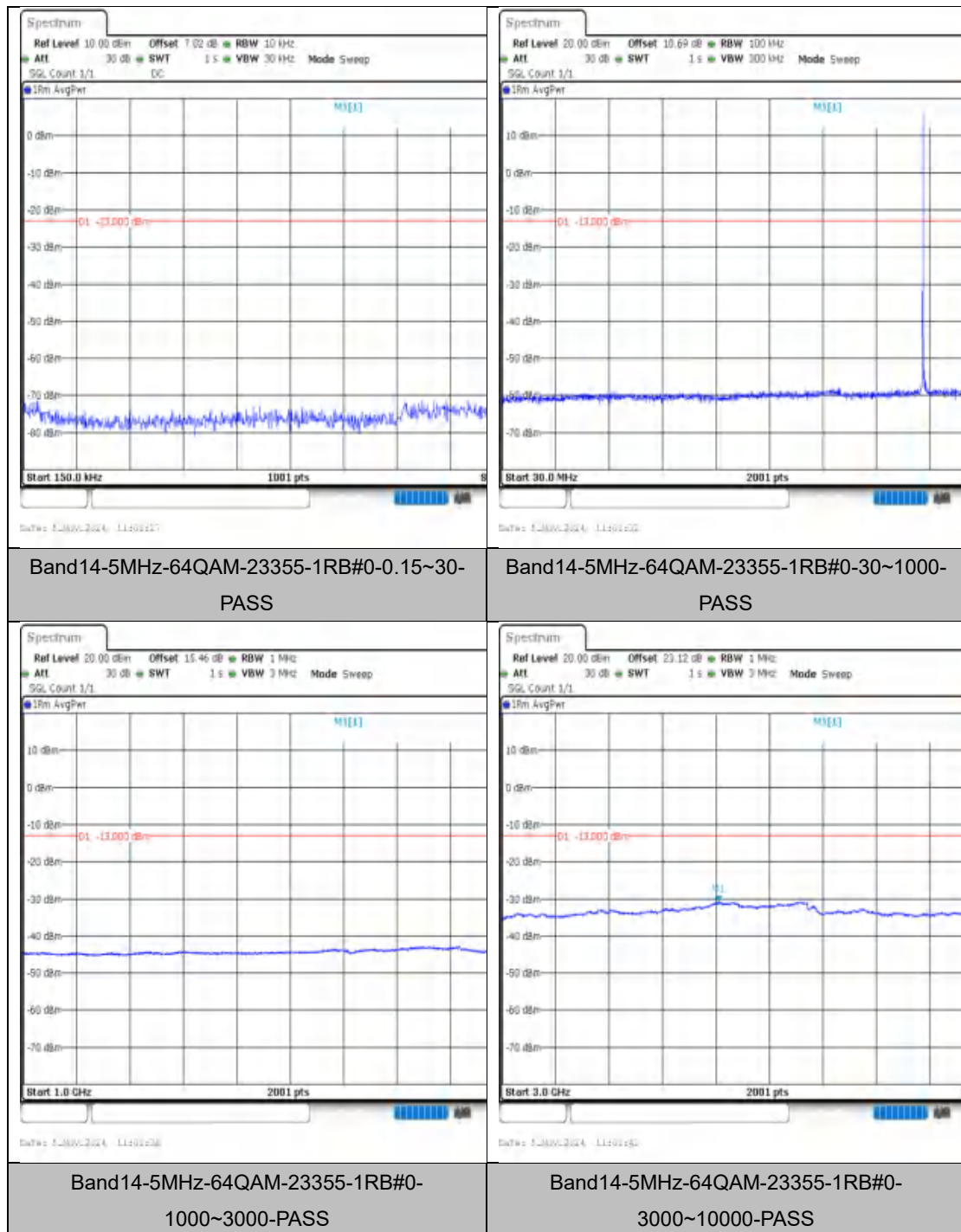


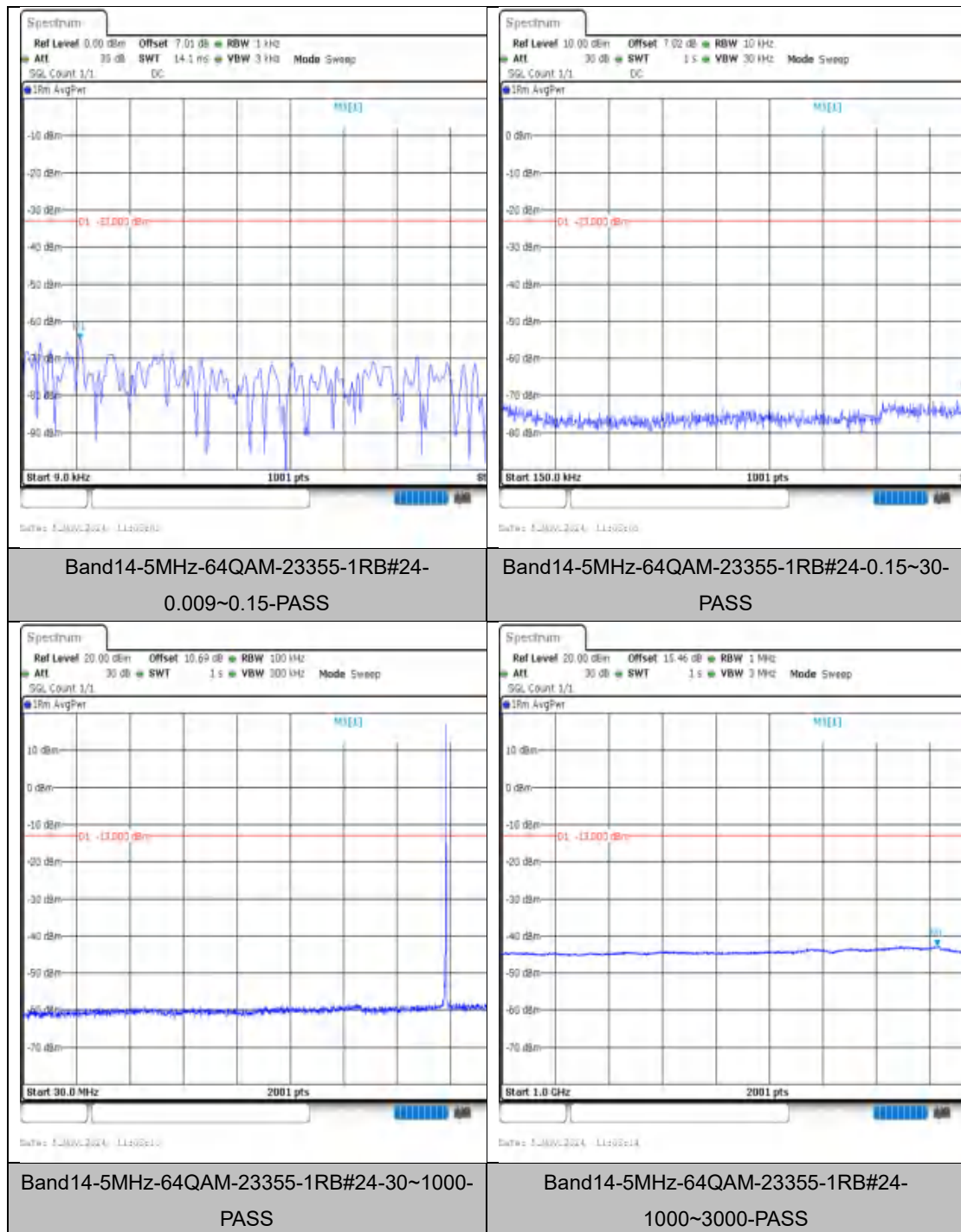


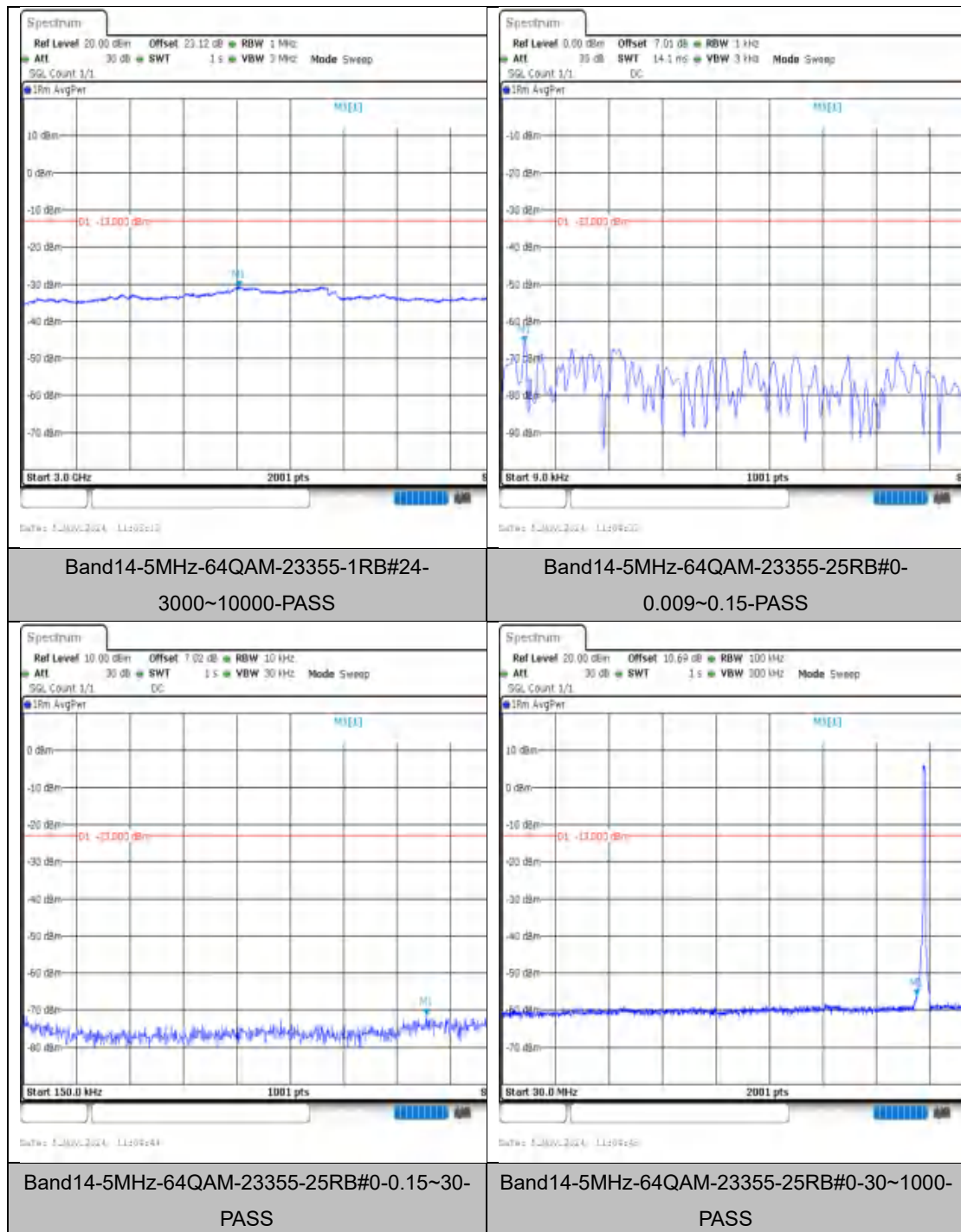


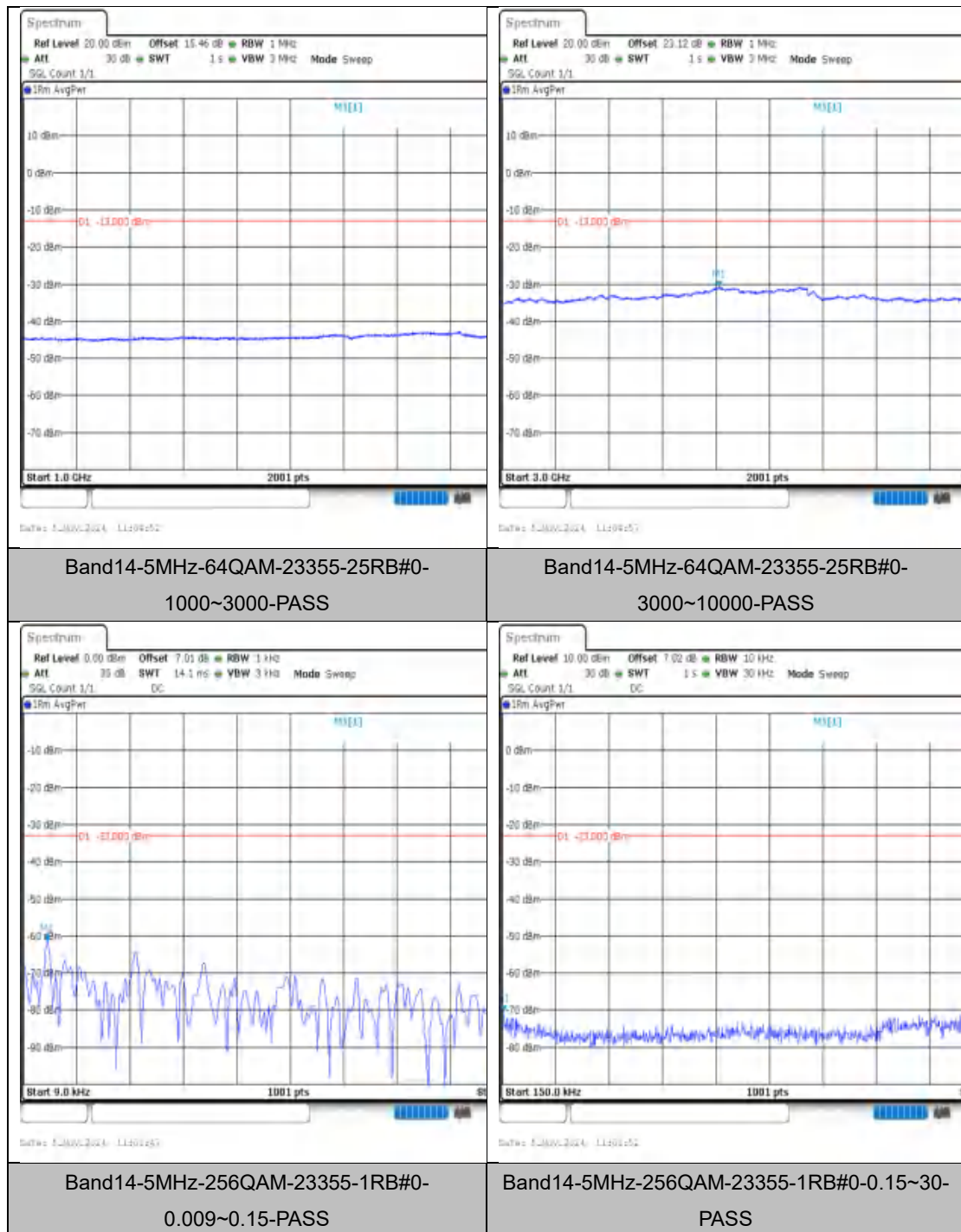


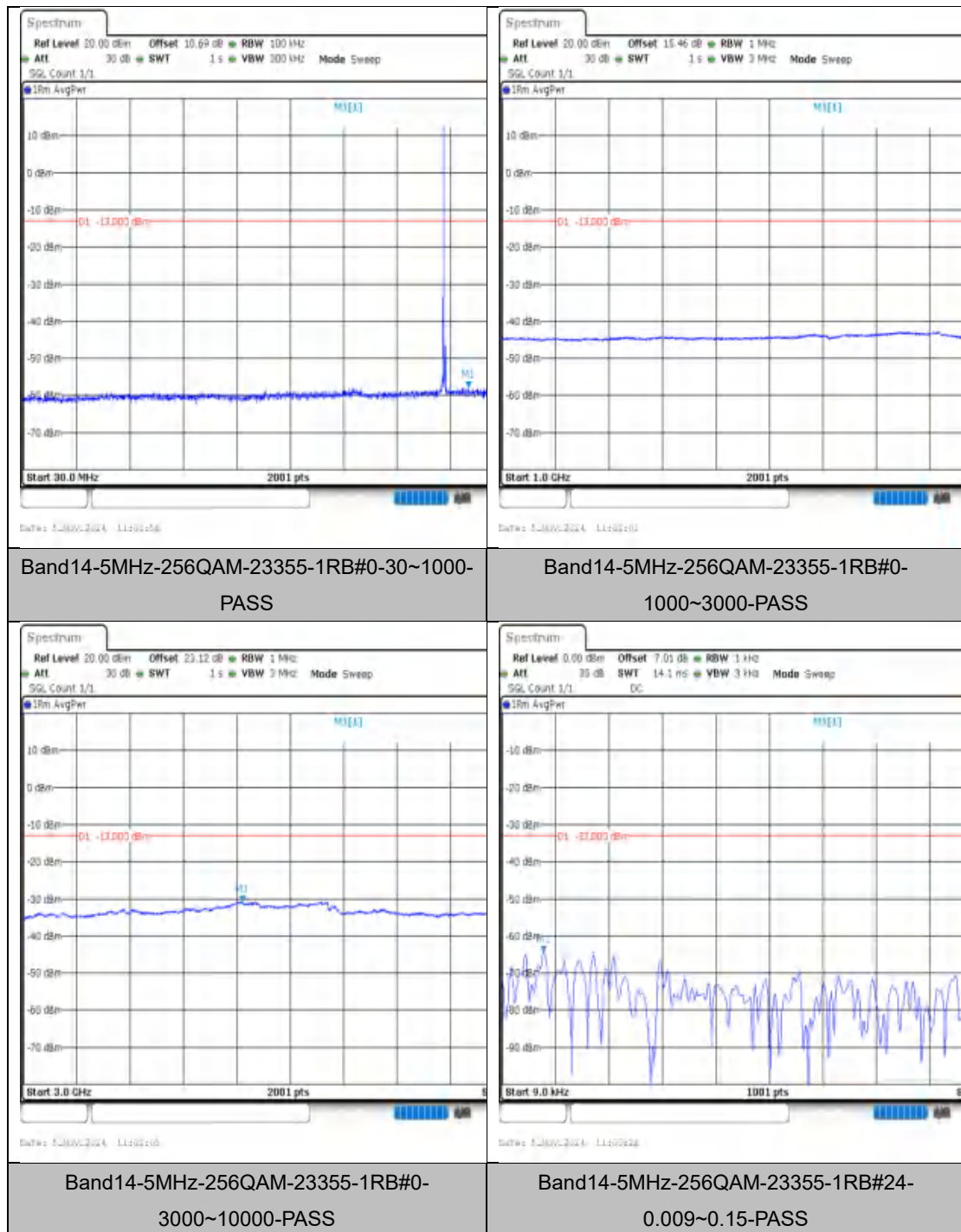


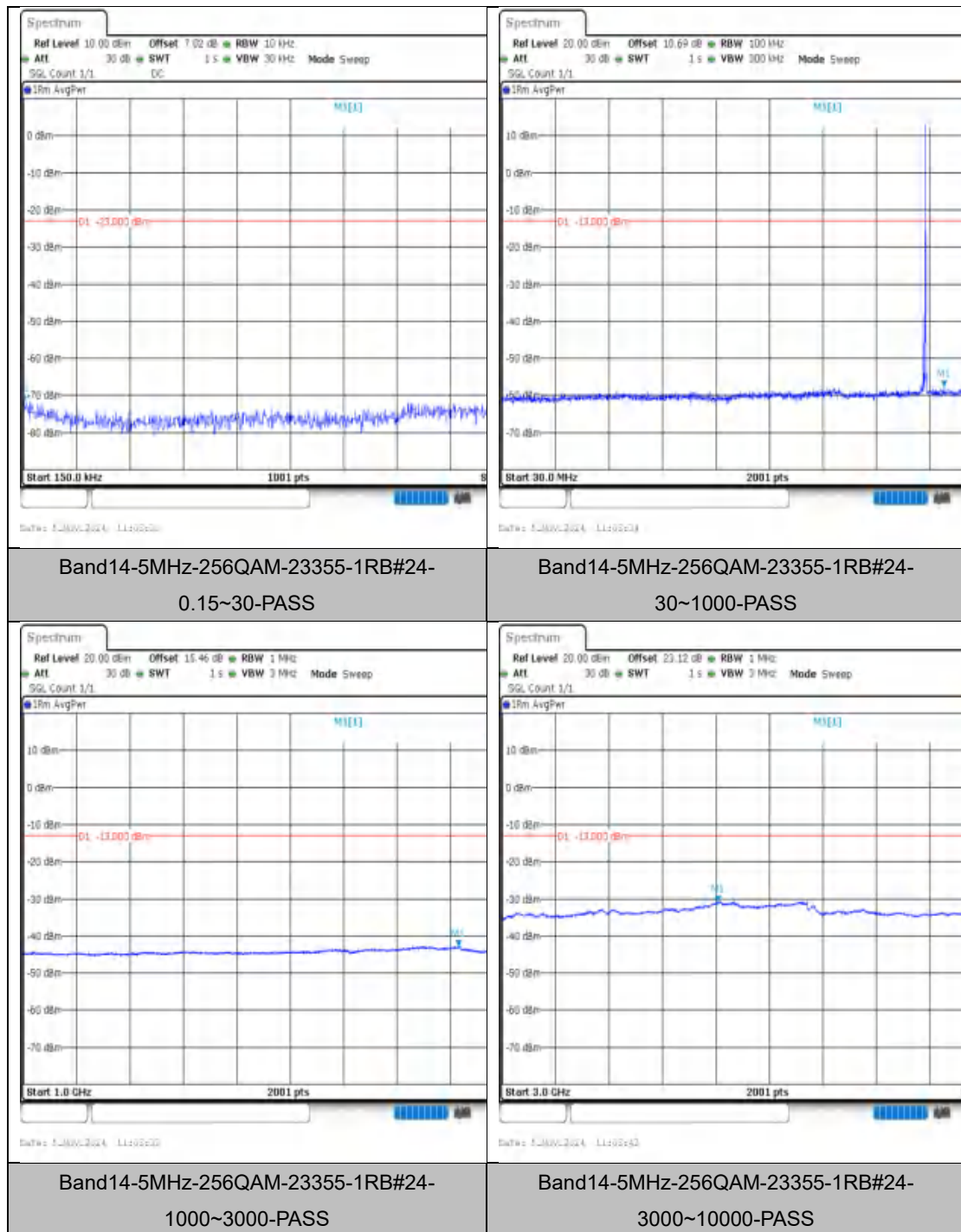


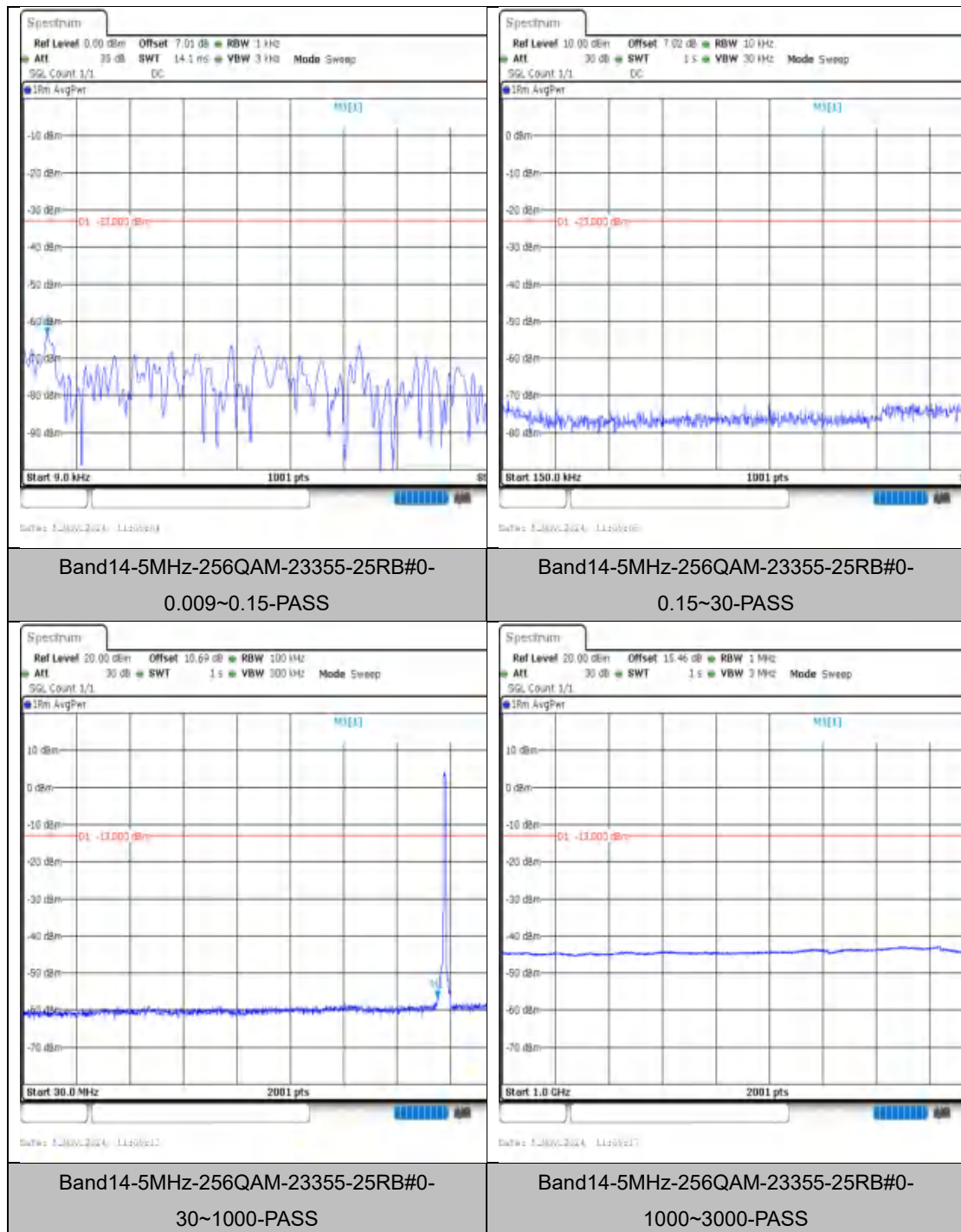


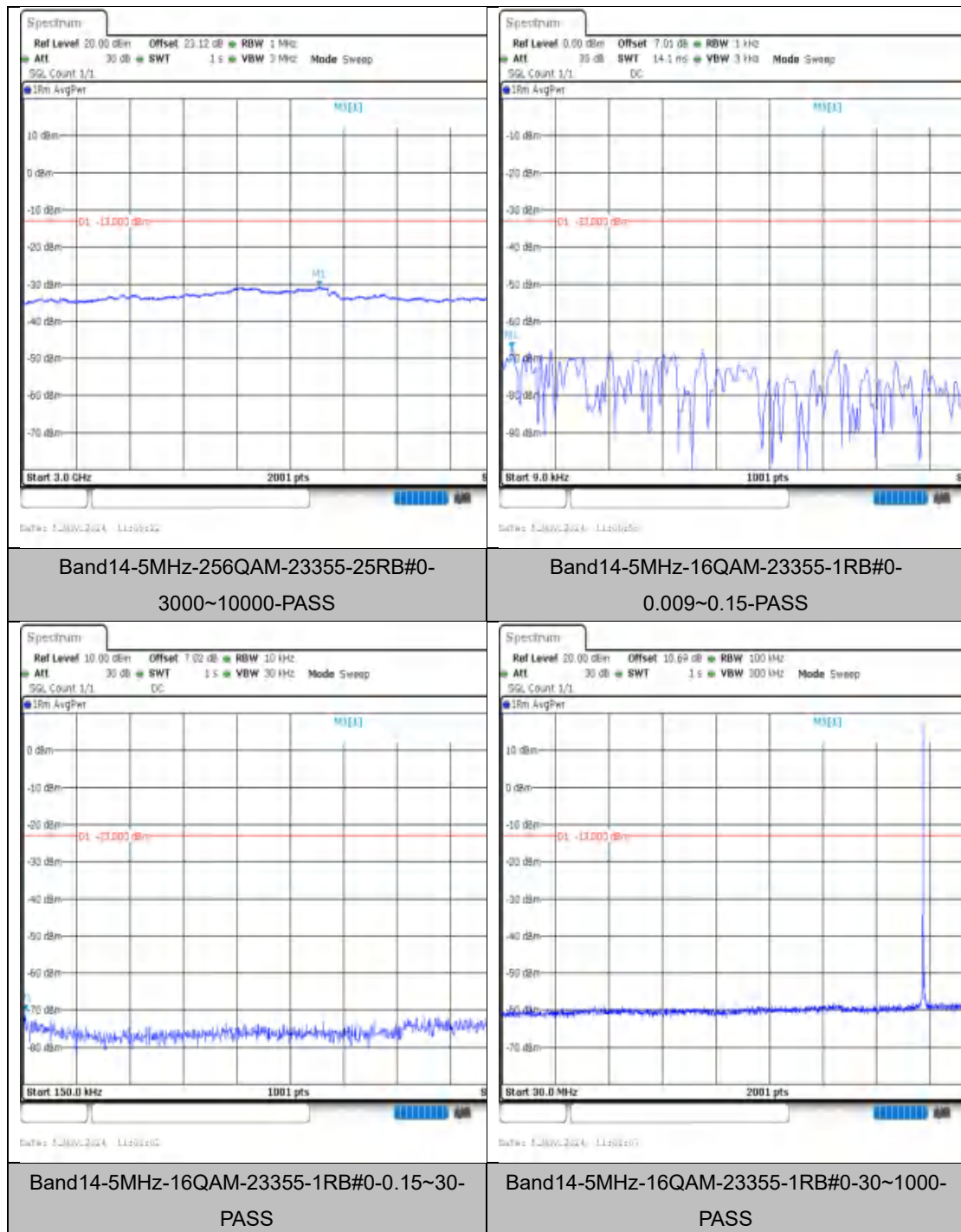


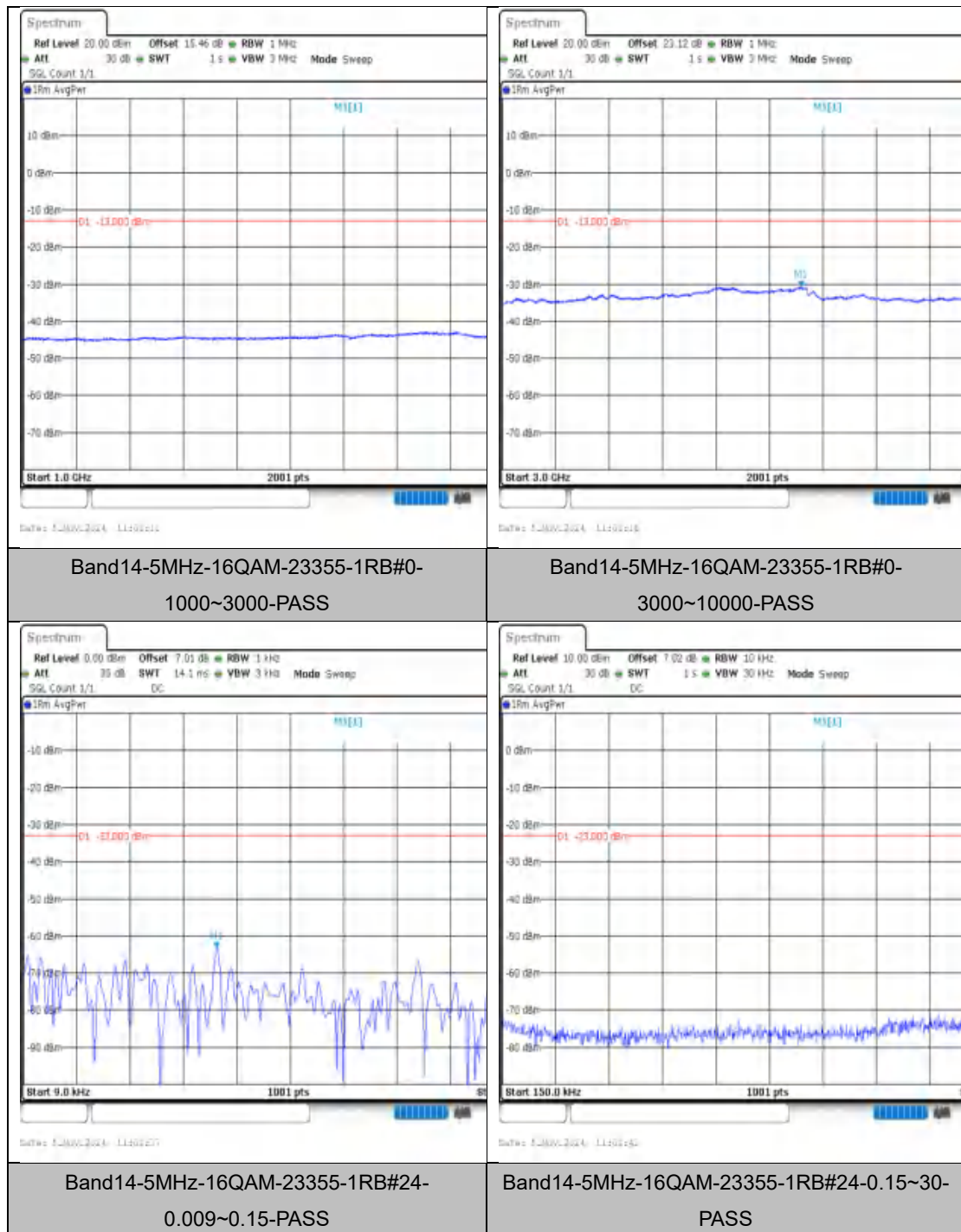


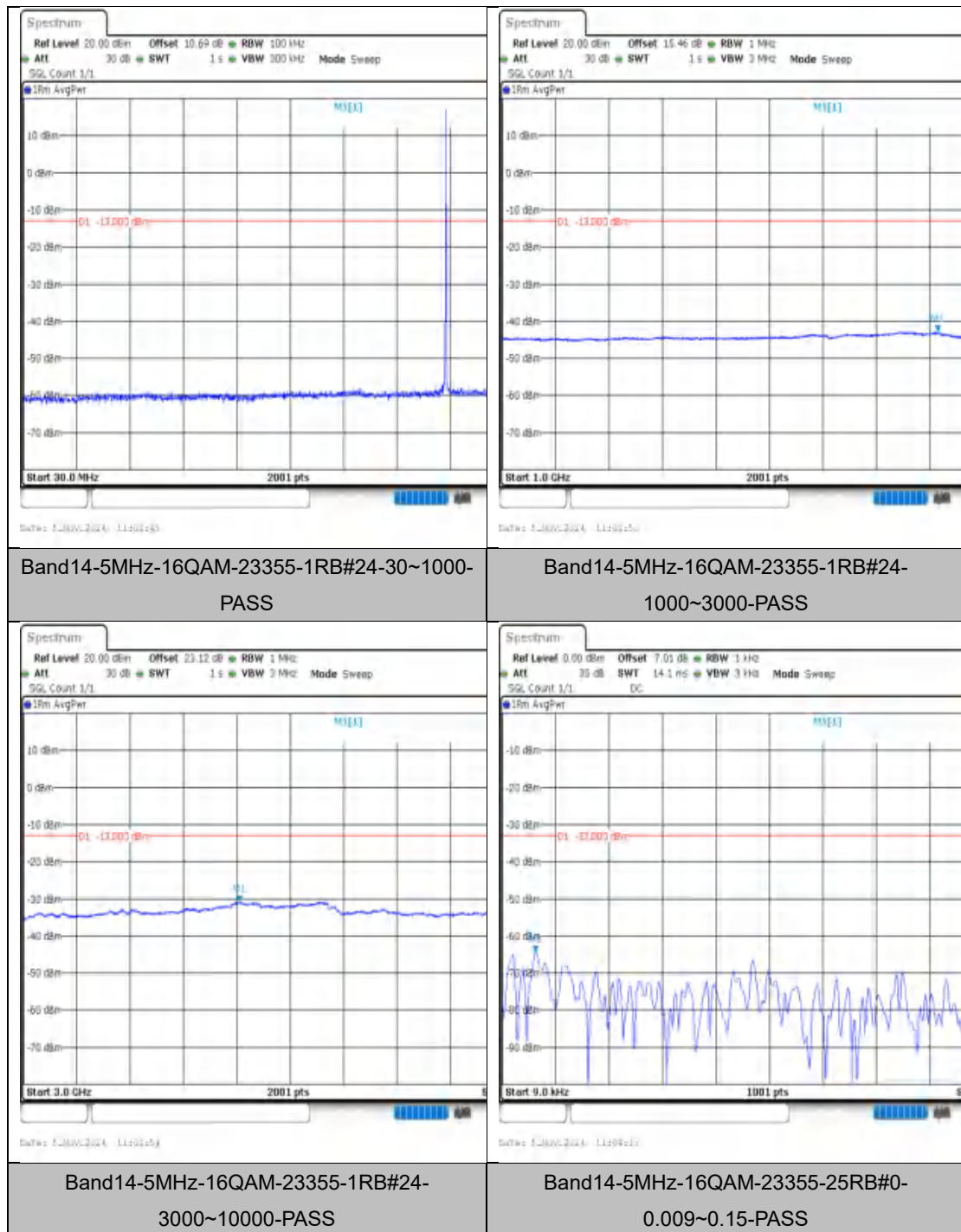


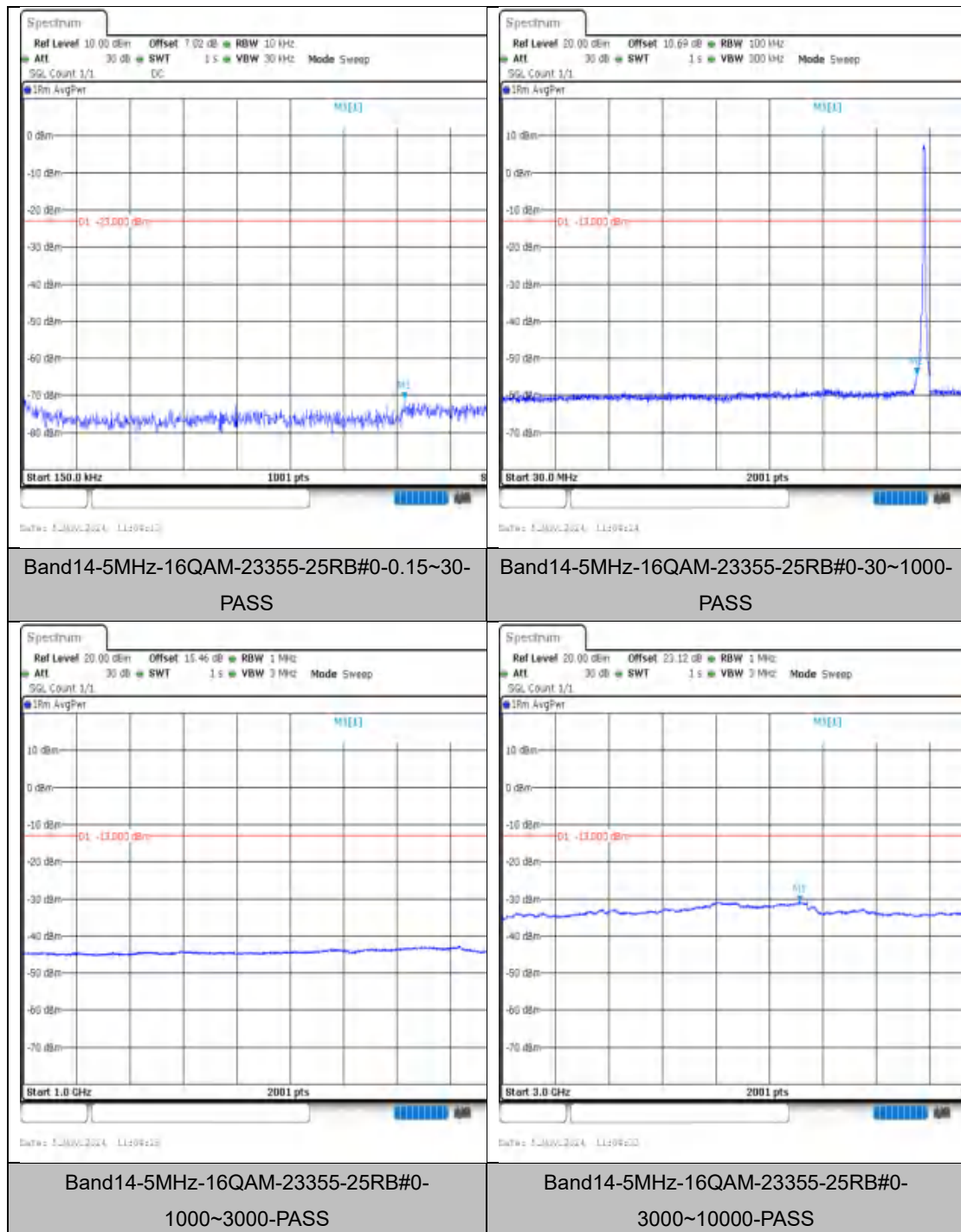


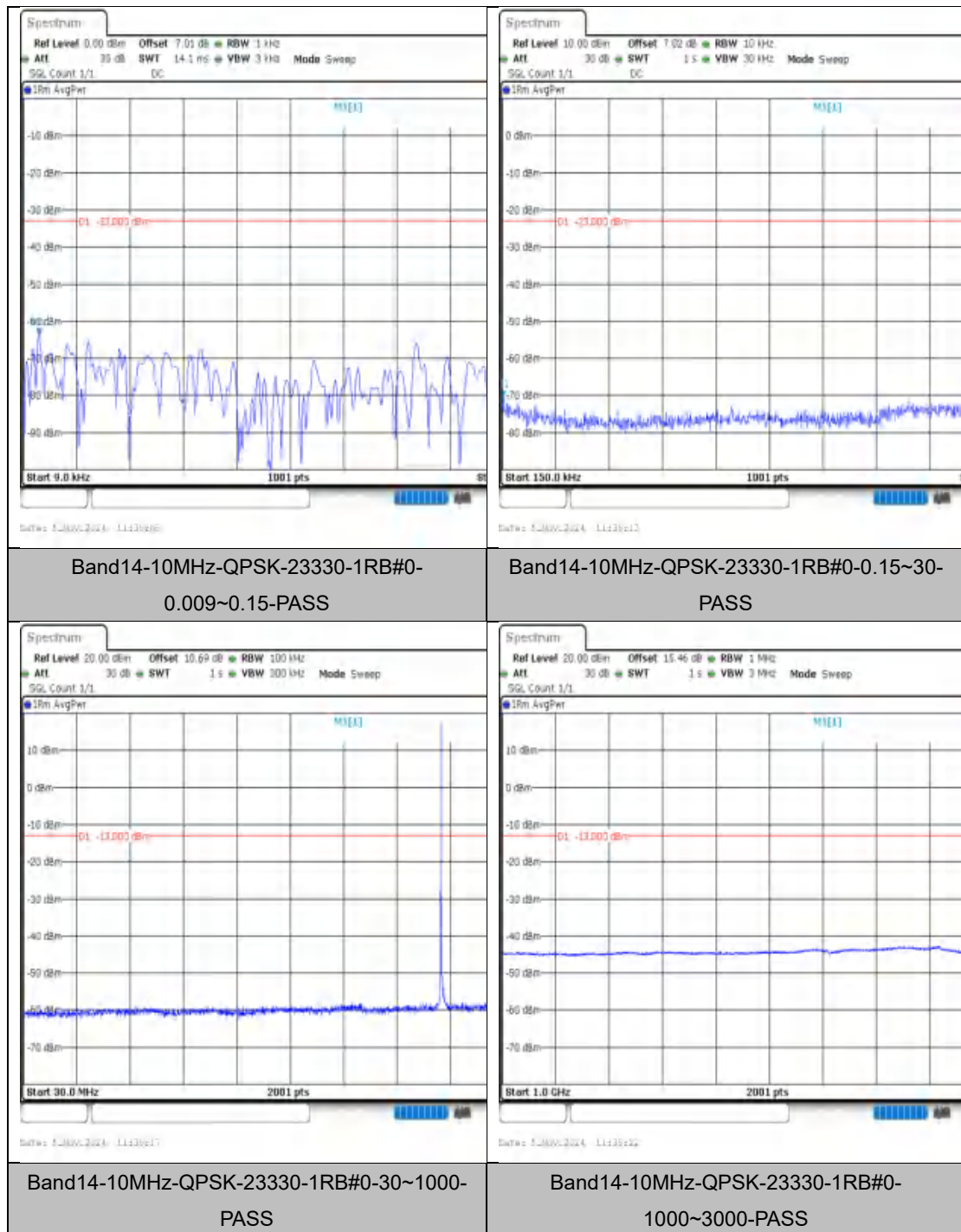


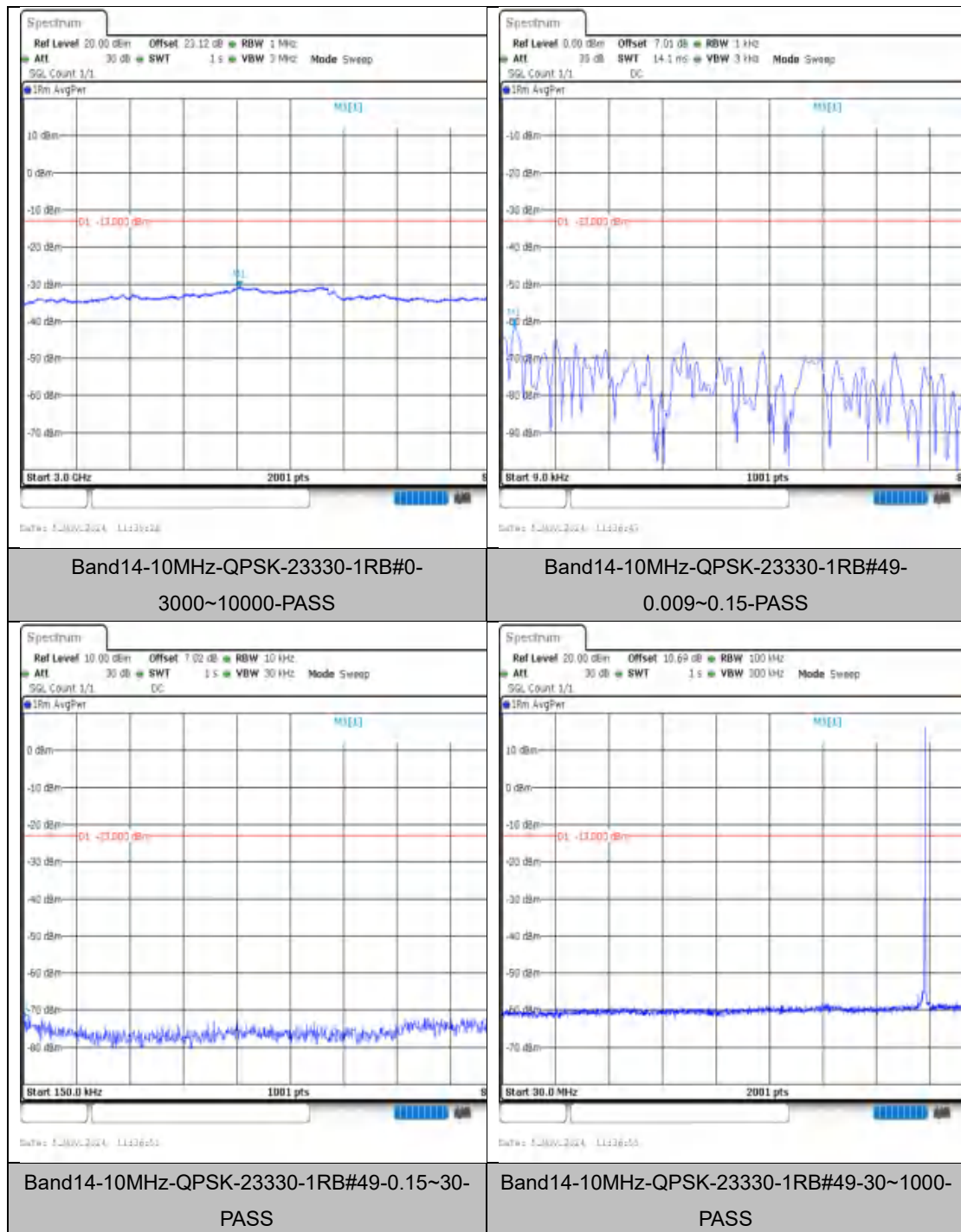


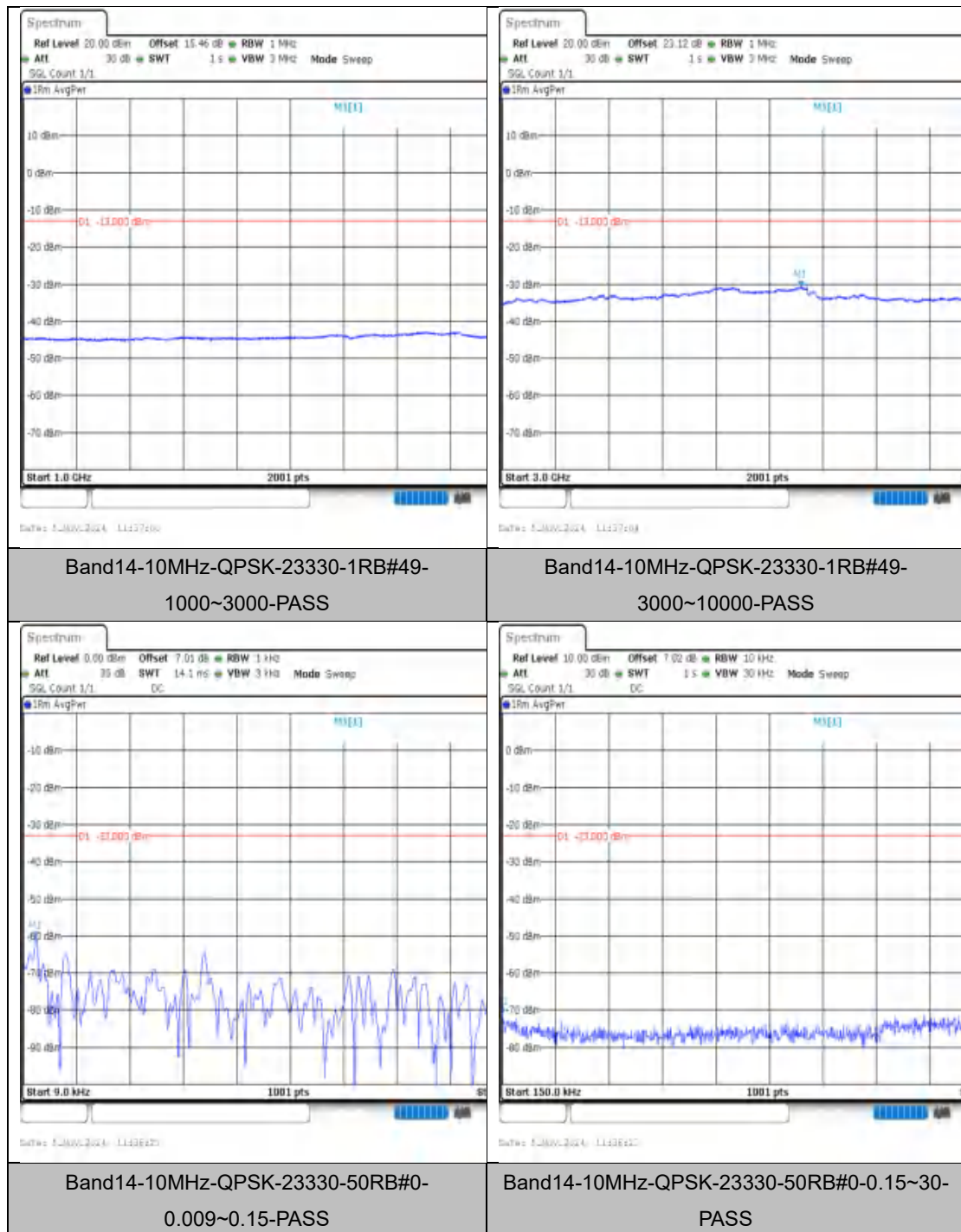


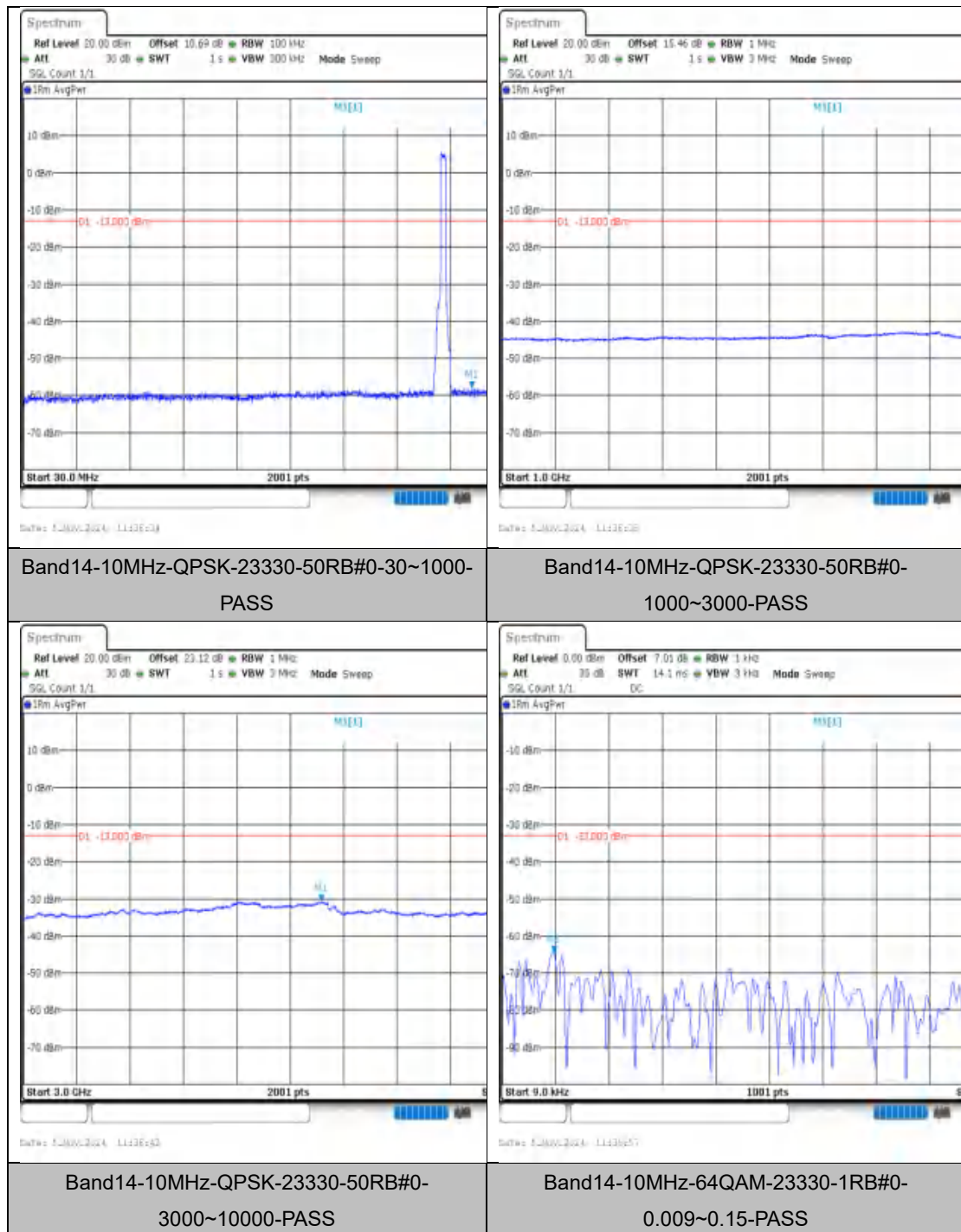


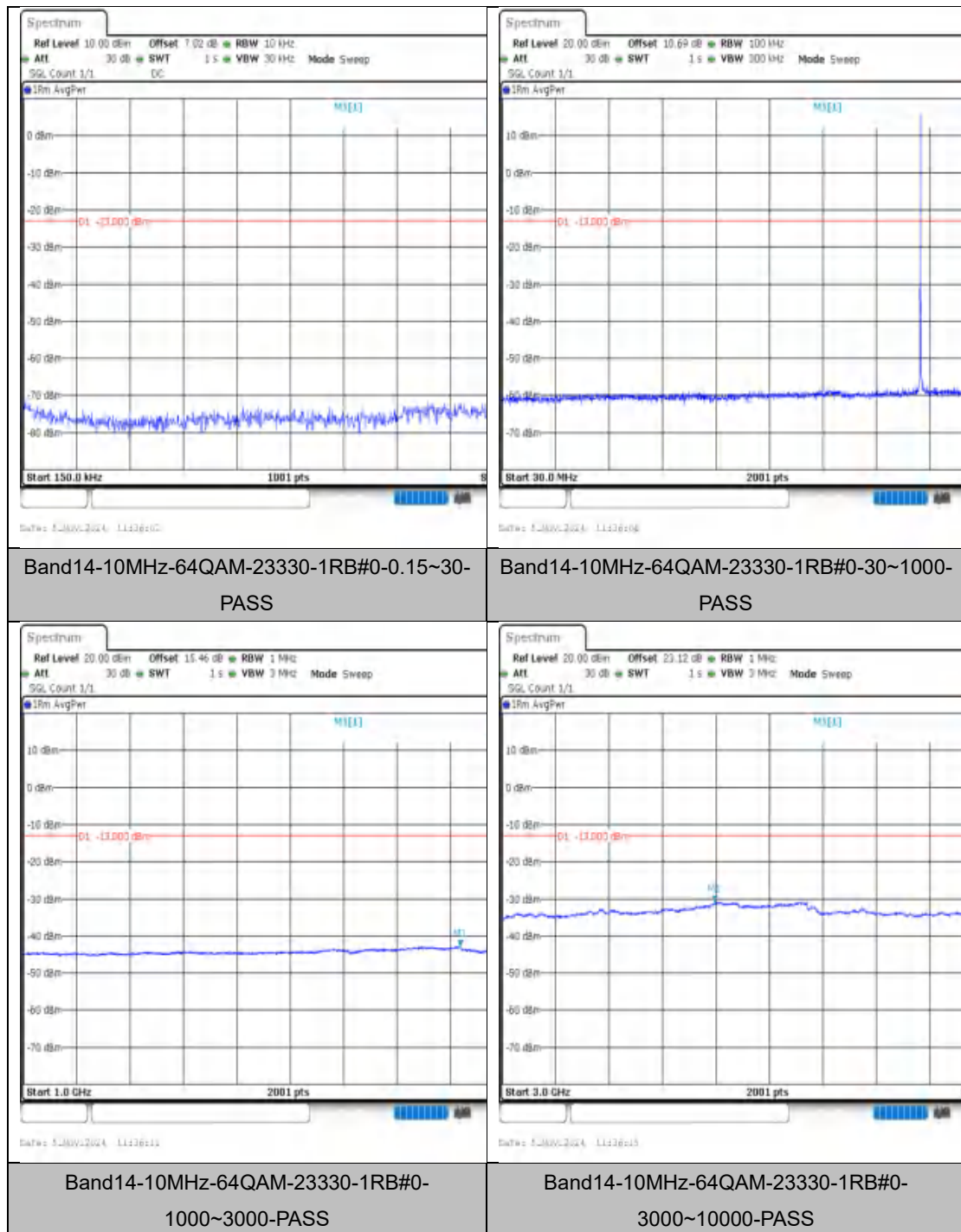


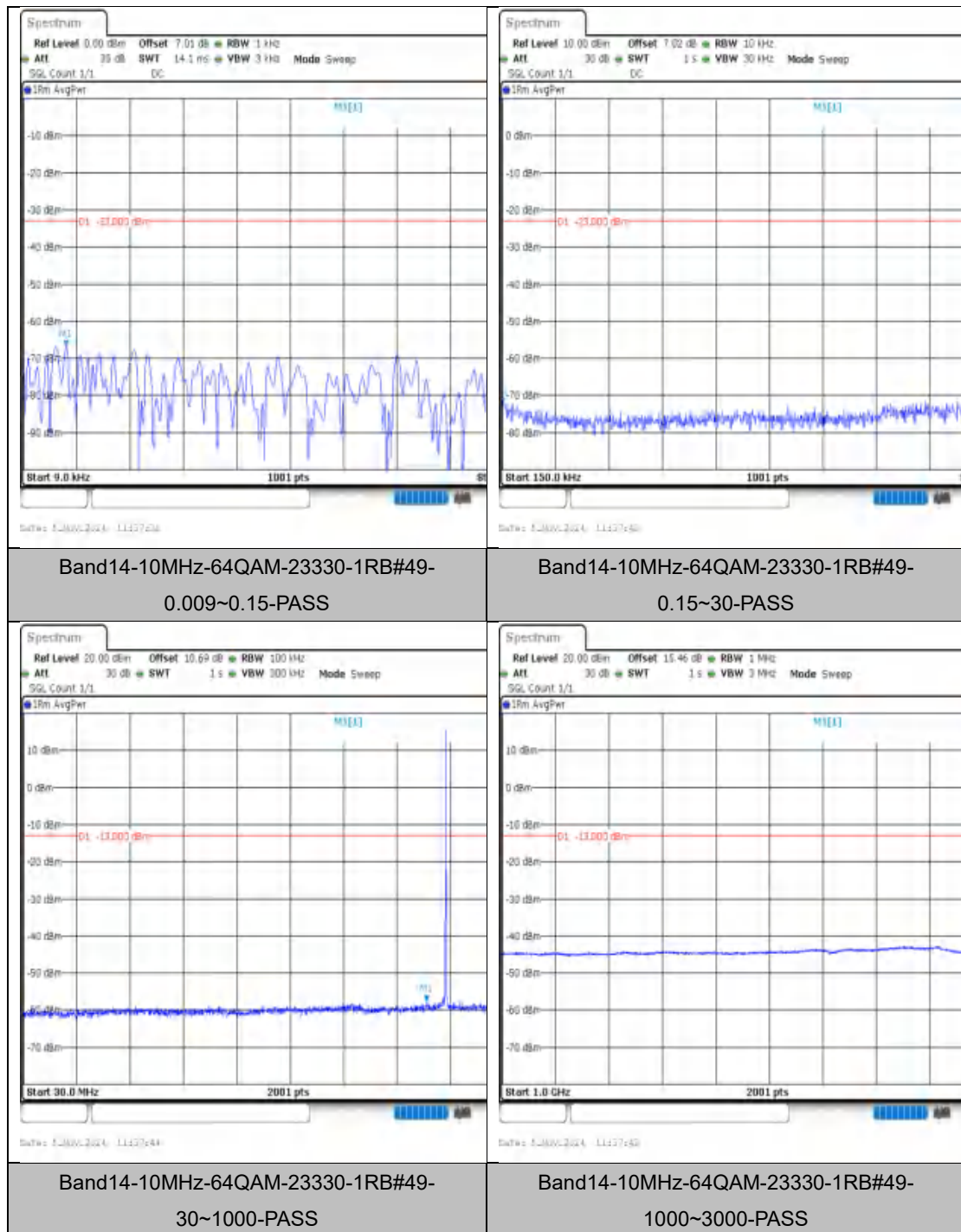


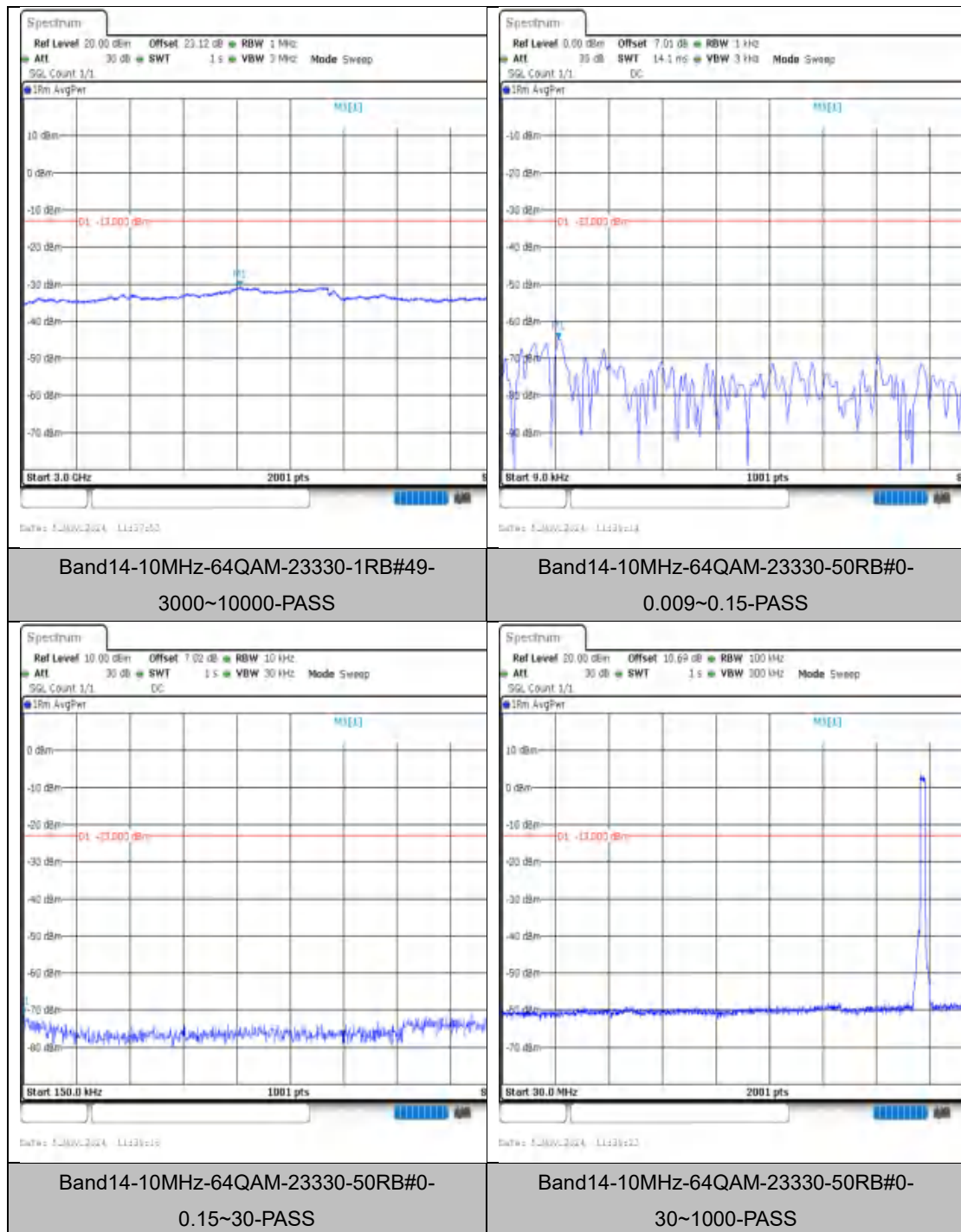


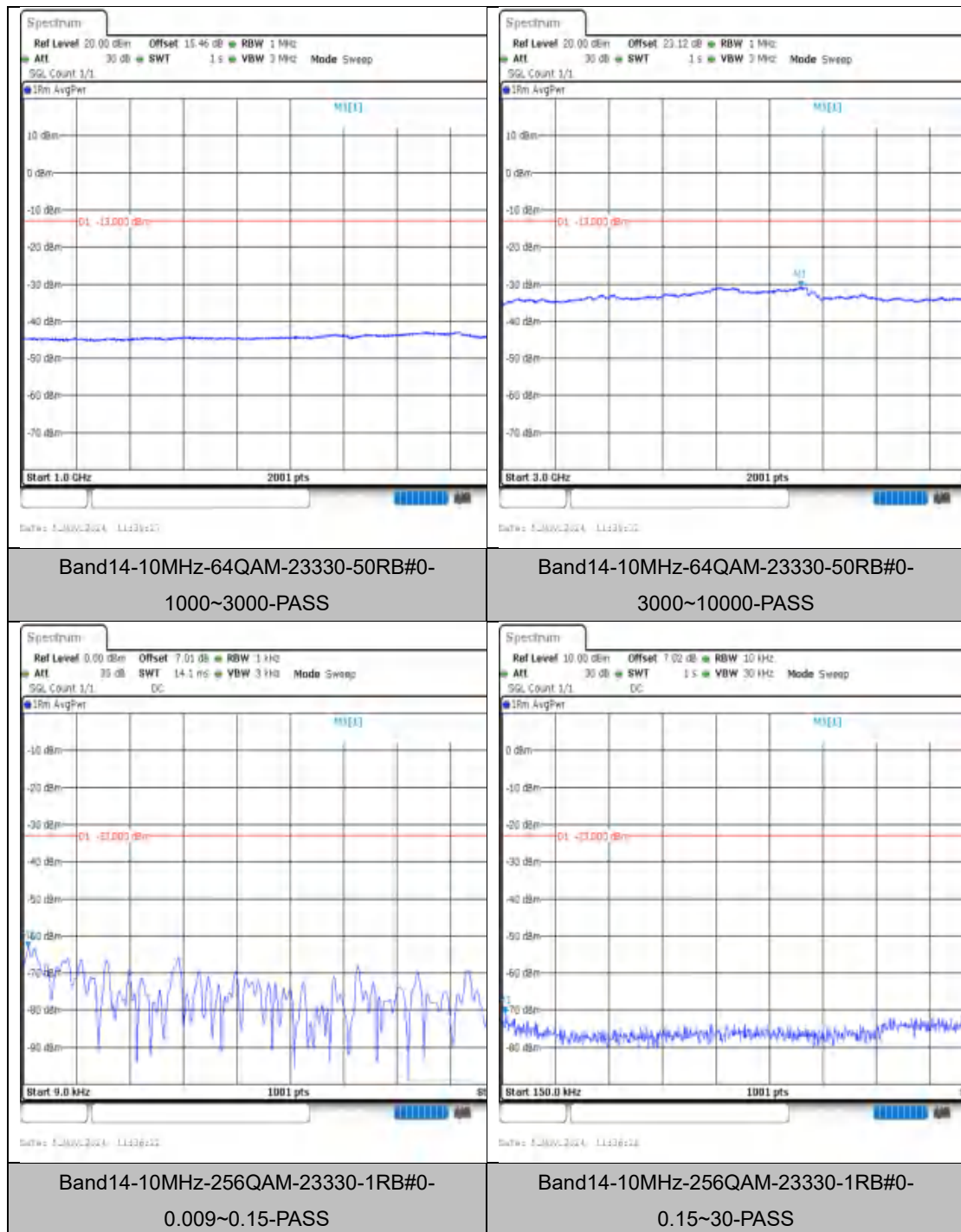


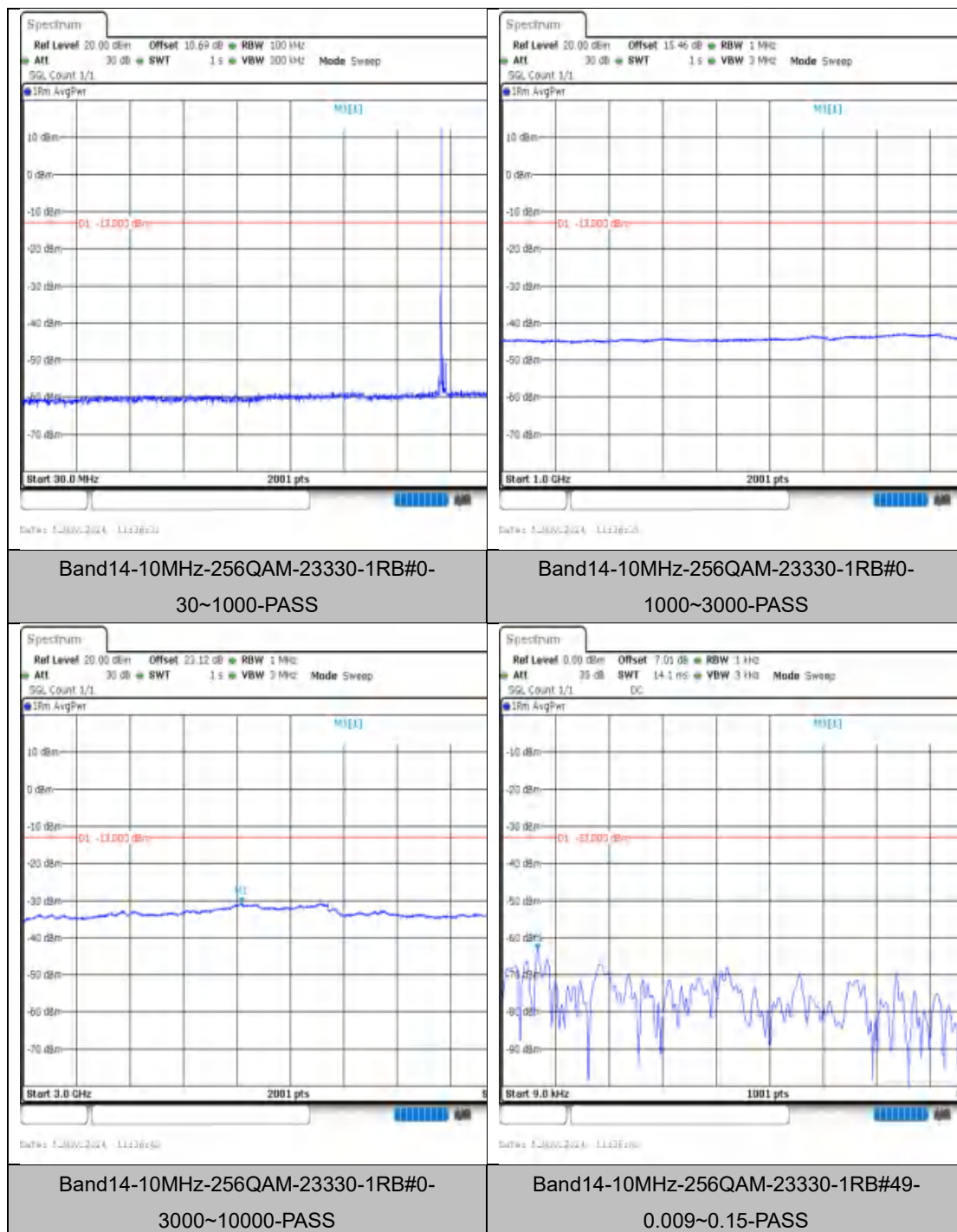


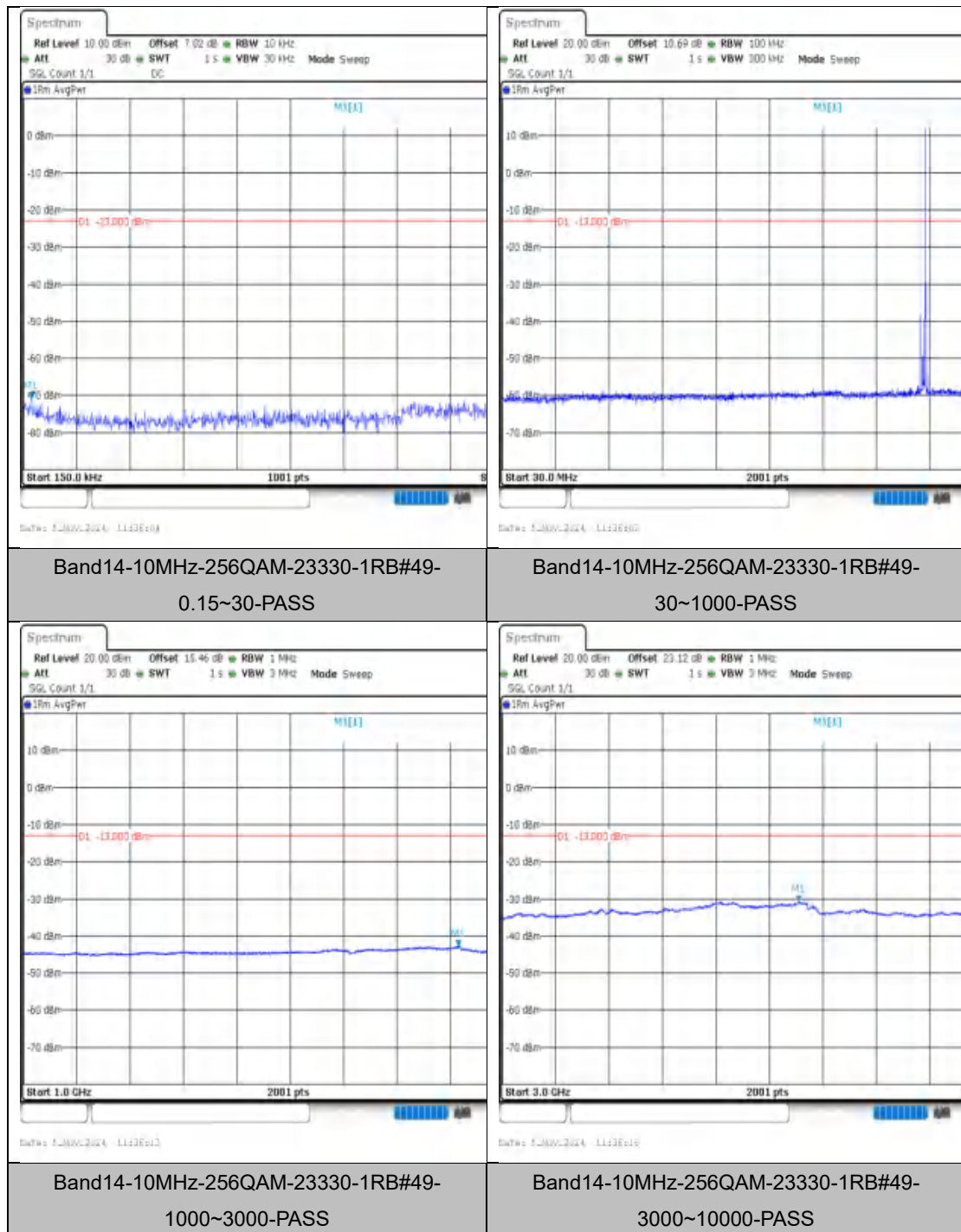


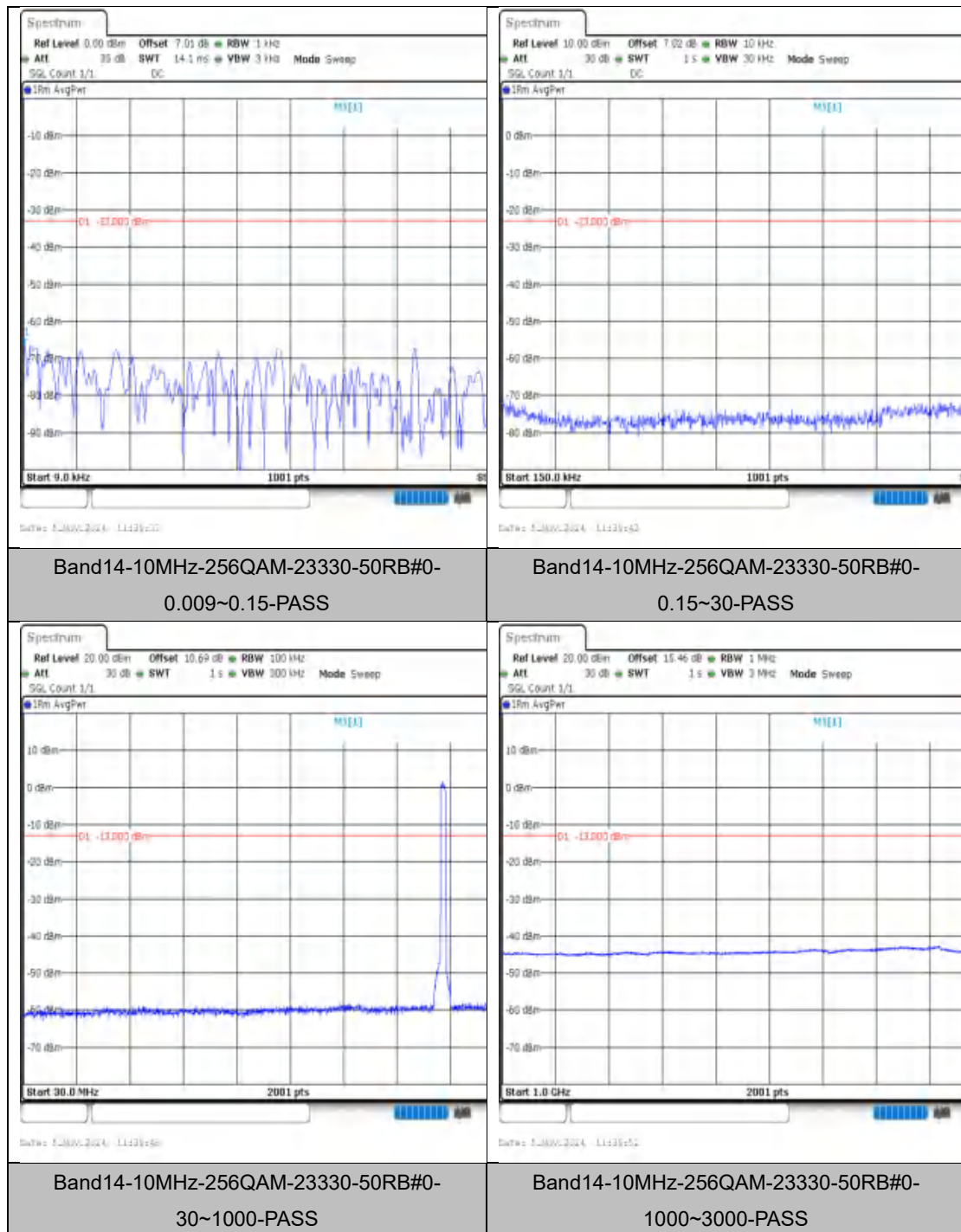


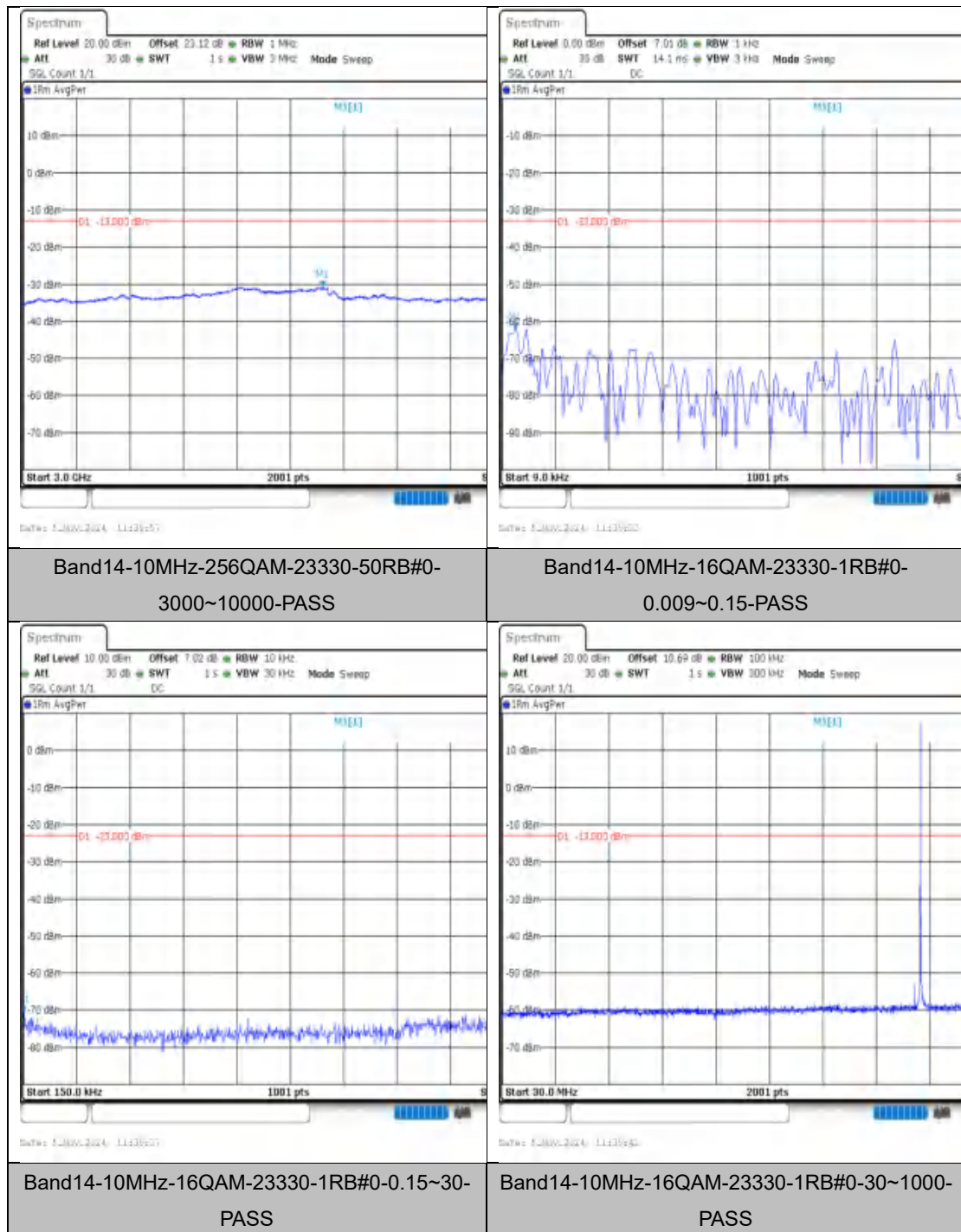


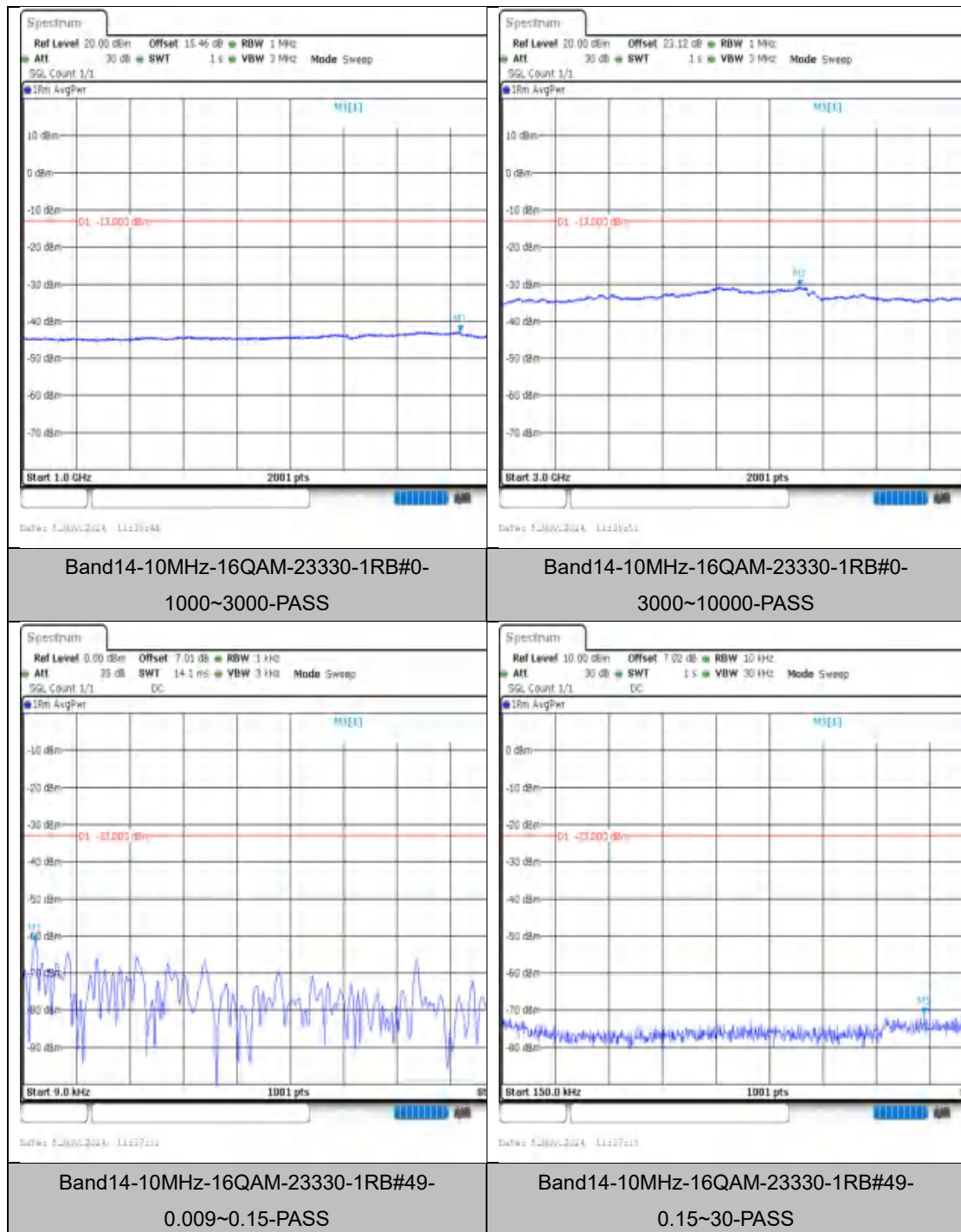


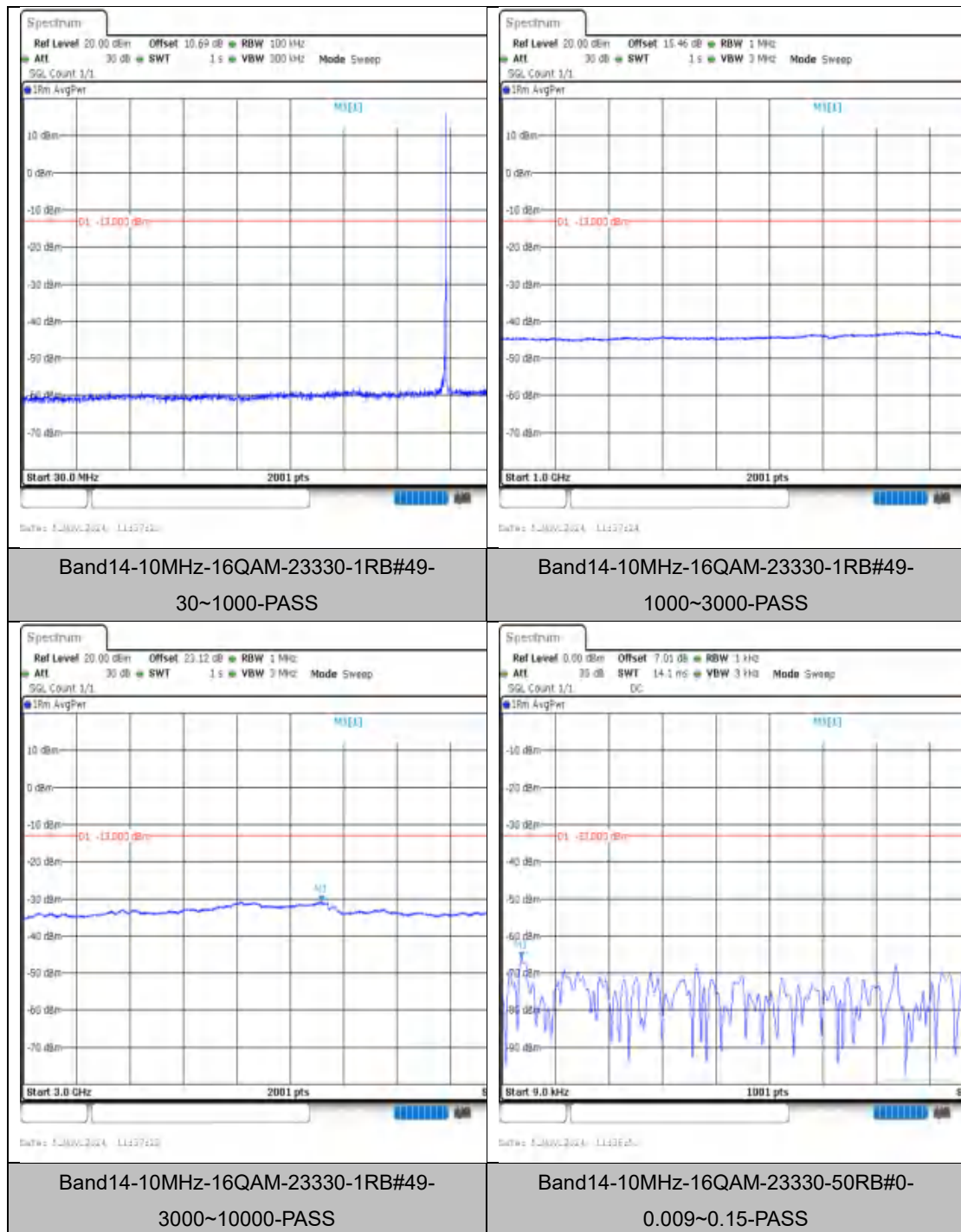


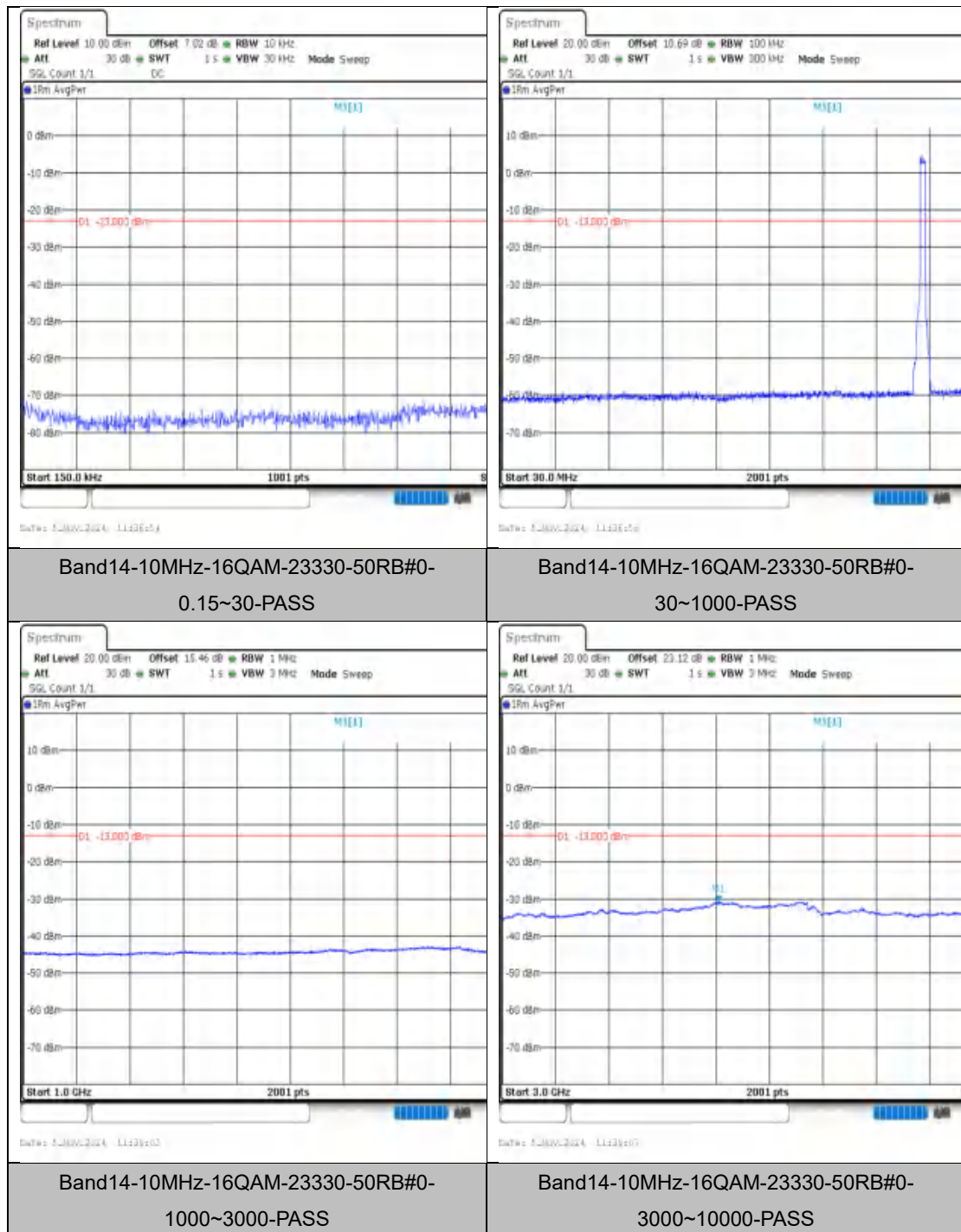












## Appendix: Frequency Stability

### Test Result

| Voltage |           |            |         |              |               |                  |                |                 |             |         |
|---------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band    | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band14  | 5MHz      | QPSK       | 23305   | 25RB#0       | VH            | NT               | 1.72           | 0.002176        | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23305   | 25RB#0       | VL            | NT               | 2.26           | 0.002859        | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23305   | 25RB#0       | VN            | NT               | -1.13          | -0.001429       | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23305   | 25RB#0       | VH            | NT               | 1.61           | 0.002037        | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23305   | 25RB#0       | VL            | NT               | -1.44          | -0.001822       | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23305   | 25RB#0       | VN            | NT               | 2.31           | 0.002922        | ±1.5        | PASS    |
| Band14  | 5MHz      | 256QAM     | 23305   | 25RB#0       | VH            | NT               | -1.70          | -0.002151       | ±1.5        | PASS    |
| Band14  | 5MHz      | 256QAM     | 23305   | 25RB#0       | VL            | NT               | 1.36           | 0.001720        | ±1.5        | PASS    |
| Band14  | 5MHz      | 256QAM     | 23305   | 25RB#0       | VN            | NT               | 2.11           | 0.002669        | ±1.5        | PASS    |
| Band14  | 5MHz      | 16QAM      | 23305   | 25RB#0       | VH            | NT               | 2.32           | 0.002935        | ±1.5        | PASS    |
| Band14  | 5MHz      | 16QAM      | 23305   | 25RB#0       | VL            | NT               | 2.76           | 0.003491        | ±1.5        | PASS    |
| Band14  | 5MHz      | 16QAM      | 23305   | 25RB#0       | VN            | NT               | -2.58          | -0.003264       | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23330   | 25RB#0       | VH            | NT               | 3.79           | 0.004779        | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23330   | 25RB#0       | VL            | NT               | 3.25           | 0.004098        | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23330   | 25RB#0       | VN            | NT               | 5.02           | 0.006330        | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23330   | 25RB#0       | VH            | NT               | 2.28           | 0.002875        | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23330   | 25RB#0       | VL            | NT               | -1.70          | -0.002144       | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23330   | 25RB#0       | VN            | NT               | -1.99          | -0.002509       | ±1.5        | PASS    |
| Band14  | 5MHz      | 256QAM     | 23330   | 25RB#0       | VH            | NT               | 2.10           | 0.002648        | ±1.5        | PASS    |
| Band14  | 5MHz      | 256QAM     | 23330   | 25RB#0       | VL            | NT               | 1.42           | 0.001791        | ±1.5        | PASS    |
| Band14  | 5MHz      | 256QAM     | 23330   | 25RB#0       | VN            | NT               | 2.90           | 0.003657        | ±1.5        | PASS    |
| Band14  | 5MHz      | 16QAM      | 23330   | 25RB#0       | VH            | NT               | -1.40          | -0.001765       | ±1.5        | PASS    |
| Band14  | 5MHz      | 16QAM      | 23330   | 25RB#0       | VL            | NT               | 2.79           | 0.003518        | ±1.5        | PASS    |
| Band14  | 5MHz      | 16QAM      | 23330   | 25RB#0       | VN            | NT               | 3.08           | 0.003884        | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23355   | 25RB#0       | VH            | NT               | -1.93          | -0.002426       | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23355   | 25RB#0       | VL            | NT               | 1.14           | 0.001433        | ±1.5        | PASS    |
| Band14  | 5MHz      | QPSK       | 23355   | 25RB#0       | VN            | NT               | 0.99           | 0.001245        | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23355   | 25RB#0       | VH            | NT               | -1.71          | -0.002150       | ±1.5        | PASS    |
| Band14  | 5MHz      | 64QAM      | 23355   | 25RB#0       | VL            | NT               | -1.89          | -0.002376       | ±1.5        | PASS    |

|        |       |        |       |        |    |    |       |           |      |      |
|--------|-------|--------|-------|--------|----|----|-------|-----------|------|------|
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | VN | NT | -1.45 | -0.001823 | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | VH | NT | -2.52 | -0.003168 | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | VL | NT | 2.59  | 0.003256  | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | VN | NT | 1.07  | 0.001345  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | VH | NT | 2.93  | 0.003683  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | VL | NT | 3.42  | 0.004299  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | VN | NT | 4.09  | 0.005141  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | VH | NT | -2.33 | -0.002938 | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | VL | NT | 1.33  | 0.001677  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | VN | NT | 1.90  | 0.002396  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | VH | NT | 1.30  | 0.001639  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | VL | NT | 1.46  | 0.001841  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | VN | NT | 2.24  | 0.002825  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | VH | NT | 2.06  | 0.002598  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | VL | NT | -1.22 | -0.001538 | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | VN | NT | 1.28  | 0.001614  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | VH | NT | 4.36  | 0.005498  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | VL | NT | 4.05  | 0.005107  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | VN | NT | 3.23  | 0.004073  | ±1.5 | PASS |

| Temperature |           |            |         |              |               |                  |                |                 |             |         |
|-------------|-----------|------------|---------|--------------|---------------|------------------|----------------|-----------------|-------------|---------|
| Band        | Bandwidth | Modulation | Channel | RB Configure | Voltage [Vdc] | Temperature (°C) | Deviation (Hz) | Deviation (ppm) | Limit (ppm) | Verdict |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | 0                | -1.89          | -0.002391       | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | 10               | 1.30           | 0.001645        | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | -10              | -2.74          | -0.003466       | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | 20               | -1.29          | -0.001632       | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | -20              | -2.14          | -0.002707       | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | 30               | -1.32          | -0.001670       | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | -30              | 1.71           | 0.002163        | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | 40               | 1.74           | 0.002201        | ±1.5        | PASS    |
| Band14      | 5MHz      | QPSK       | 23305   | 25RB#0       | NV            | 50               | -1.95          | -0.002467       | ±1.5        | PASS    |
| Band14      | 5MHz      | 64QAM      | 23305   | 25RB#0       | NV            | 0                | 1.36           | 0.001720        | ±1.5        | PASS    |
| Band14      | 5MHz      | 64QAM      | 23305   | 25RB#0       | NV            | 10               | 1.14           | 0.001442        | ±1.5        | PASS    |
| Band14      | 5MHz      | 64QAM      | 23305   | 25RB#0       | NV            | -10              | -2.34          | -0.002960       | ±1.5        | PASS    |

|        |      |        |       |        |    |     |       |           |      |      |
|--------|------|--------|-------|--------|----|-----|-------|-----------|------|------|
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | NV | 20  | 2.88  | 0.003643  | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | NV | -20 | 1.19  | 0.001505  | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | NV | 30  | 1.43  | 0.001809  | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | NV | -30 | -1.53 | -0.001935 | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | NV | 40  | 2.12  | 0.002682  | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23305 | 25RB#0 | NV | 50  | 1.50  | 0.001898  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | 0   | 0.99  | 0.001252  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | 10  | 1.07  | 0.001354  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | -10 | 1.88  | 0.002378  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | 20  | 3.28  | 0.004149  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | -20 | 2.21  | 0.002796  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | 30  | 2.36  | 0.002985  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | -30 | 1.63  | 0.002062  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | 40  | 2.42  | 0.003061  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23305 | 25RB#0 | NV | 50  | 1.91  | 0.002416  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | 0   | 1.49  | 0.001885  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | 10  | 1.28  | 0.001619  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | -10 | -1.72 | -0.002176 | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | 20  | 2.78  | 0.003517  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | -20 | 2.29  | 0.002897  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | 30  | -2.05 | -0.002593 | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | -30 | 2.01  | 0.002543  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | 40  | 3.05  | 0.003858  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23305 | 25RB#0 | NV | 50  | -1.46 | -0.001847 | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | 0   | 4.49  | 0.005662  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | 10  | 3.47  | 0.004376  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | -10 | 3.77  | 0.004754  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | 20  | 4.66  | 0.005876  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | -20 | 4.50  | 0.005675  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | 30  | 2.99  | 0.003770  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | -30 | 3.43  | 0.004325  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | 40  | 3.80  | 0.004792  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23330 | 25RB#0 | NV | 50  | 2.94  | 0.003707  | ±1.5 | PASS |

|        |      |        |       |        |    |     |       |           |      |      |
|--------|------|--------|-------|--------|----|-----|-------|-----------|------|------|
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | 0   | -1.87 | -0.002358 | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | 10  | 2.87  | 0.003619  | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | -10 | -2.08 | -0.002623 | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | 20  | 2.14  | 0.002699  | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | -20 | -1.15 | -0.001450 | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | 30  | 2.02  | 0.002547  | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | -30 | -2.01 | -0.002535 | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | 40  | -1.92 | -0.002421 | ±1.5 | PASS |
| Band14 | 5MHz | 64QAM  | 23330 | 25RB#0 | NV | 50  | 2.43  | 0.003064  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | 0   | -2.58 | -0.003253 | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | 10  | -1.16 | -0.001463 | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | -10 | 1.18  | 0.001488  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | 20  | 2.54  | 0.003203  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | -20 | 1.32  | 0.001665  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | 30  | -1.06 | -0.001337 | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | -30 | -2.45 | -0.003090 | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | 40  | 2.11  | 0.002661  | ±1.5 | PASS |
| Band14 | 5MHz | 256QAM | 23330 | 25RB#0 | NV | 50  | 2.25  | 0.002837  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | 0   | -3.17 | -0.003997 | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | 10  | 1.71  | 0.002156  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | -10 | 2.02  | 0.002547  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | 20  | 1.65  | 0.002081  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | -20 | 2.60  | 0.003279  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | 30  | 2.20  | 0.002774  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | -30 | 2.82  | 0.003556  | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | 40  | -0.80 | -0.001009 | ±1.5 | PASS |
| Band14 | 5MHz | 16QAM  | 23330 | 25RB#0 | NV | 50  | -1.15 | -0.001450 | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | NV | 0   | 1.60  | 0.002011  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | NV | 10  | 3.02  | 0.003796  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | NV | -10 | 1.68  | 0.002112  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | NV | 20  | 1.98  | 0.002489  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | NV | -20 | 1.38  | 0.001735  | ±1.5 | PASS |
| Band14 | 5MHz | QPSK   | 23355 | 25RB#0 | NV | 30  | 3.12  | 0.003922  | ±1.5 | PASS |

|        |       |        |       |        |    |     |       |           |      |      |
|--------|-------|--------|-------|--------|----|-----|-------|-----------|------|------|
| Band14 | 5MHz  | QPSK   | 23355 | 25RB#0 | NV | -30 | -3.87 | -0.004865 | ±1.5 | PASS |
| Band14 | 5MHz  | QPSK   | 23355 | 25RB#0 | NV | 40  | 2.04  | 0.002564  | ±1.5 | PASS |
| Band14 | 5MHz  | QPSK   | 23355 | 25RB#0 | NV | 50  | 2.77  | 0.003482  | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | 0   | -2.18 | -0.002740 | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | 10  | 0.95  | 0.001194  | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | -10 | 2.17  | 0.002728  | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | 20  | -0.96 | -0.001207 | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | -20 | 1.61  | 0.002024  | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | 30  | 1.65  | 0.002074  | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | -30 | 0.72  | 0.000905  | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | 40  | 1.63  | 0.002049  | ±1.5 | PASS |
| Band14 | 5MHz  | 64QAM  | 23355 | 25RB#0 | NV | 50  | 1.44  | 0.001810  | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | 0   | -1.56 | -0.001961 | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | 10  | -2.99 | -0.003759 | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | -10 | 1.09  | 0.001370  | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | 20  | -2.43 | -0.003055 | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | -20 | 1.02  | 0.001282  | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | 30  | -2.02 | -0.002539 | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | -30 | 2.16  | 0.002715  | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | 40  | -1.41 | -0.001772 | ±1.5 | PASS |
| Band14 | 5MHz  | 256QAM | 23355 | 25RB#0 | NV | 50  | -2.56 | -0.003218 | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | 0   | 3.59  | 0.004513  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | 10  | 4.89  | 0.006147  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | -10 | 4.15  | 0.005217  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | 20  | 2.57  | 0.003231  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | -20 | 3.84  | 0.004827  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | 30  | 2.59  | 0.003256  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | -30 | 2.73  | 0.003432  | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | 40  | -1.88 | -0.002363 | ±1.5 | PASS |
| Band14 | 5MHz  | 16QAM  | 23355 | 25RB#0 | NV | 50  | 2.11  | 0.002652  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | 0   | 1.48  | 0.001866  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | 10  | -0.83 | -0.001047 | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | -10 | -1.21 | -0.001526 | ±1.5 | PASS |

|        |       |        |       |        |    |     |       |           |      |      |
|--------|-------|--------|-------|--------|----|-----|-------|-----------|------|------|
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | 20  | 1.34  | 0.001690  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | -20 | 2.57  | 0.003241  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | 30  | 1.46  | 0.001841  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | -30 | 2.57  | 0.003241  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | 40  | 1.68  | 0.002119  | ±1.5 | PASS |
| Band14 | 10MHz | QPSK   | 23330 | 50RB#0 | NV | 50  | 3.23  | 0.004073  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | 0   | -1.59 | -0.002005 | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | 10  | 1.41  | 0.001778  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | -10 | 2.76  | 0.003480  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | 20  | 2.22  | 0.002799  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | -20 | 1.85  | 0.002333  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | 30  | 2.79  | 0.003518  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | -30 | 2.58  | 0.003253  | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | 40  | -1.93 | -0.002434 | ±1.5 | PASS |
| Band14 | 10MHz | 64QAM  | 23330 | 50RB#0 | NV | 50  | -1.14 | -0.001438 | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | 0   | 3.58  | 0.004515  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | 10  | 2.14  | 0.002699  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | -10 | 2.61  | 0.003291  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | 20  | 2.01  | 0.002535  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | -20 | -1.90 | -0.002396 | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | 30  | 1.68  | 0.002119  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | -30 | 2.73  | 0.003443  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | 40  | 1.26  | 0.001589  | ±1.5 | PASS |
| Band14 | 10MHz | 256QAM | 23330 | 50RB#0 | NV | 50  | 1.32  | 0.001665  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | 0   | 2.49  | 0.003140  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | 10  | 2.37  | 0.002989  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | -10 | 2.62  | 0.003304  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | 20  | 1.51  | 0.001904  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | -20 | 2.70  | 0.003405  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | 30  | 1.34  | 0.001690  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | -30 | 3.58  | 0.004515  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | 40  | 1.45  | 0.001828  | ±1.5 | PASS |
| Band14 | 10MHz | 16QAM  | 23330 | 50RB#0 | NV | 50  | 1.10  | 0.001387  | ±1.5 | PASS |

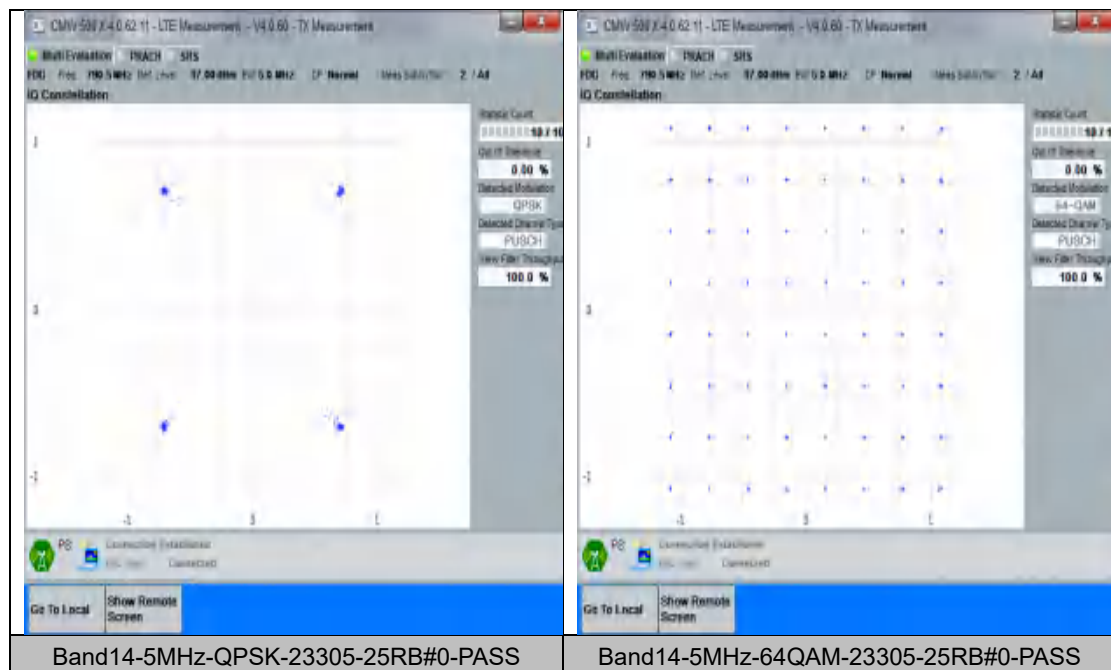


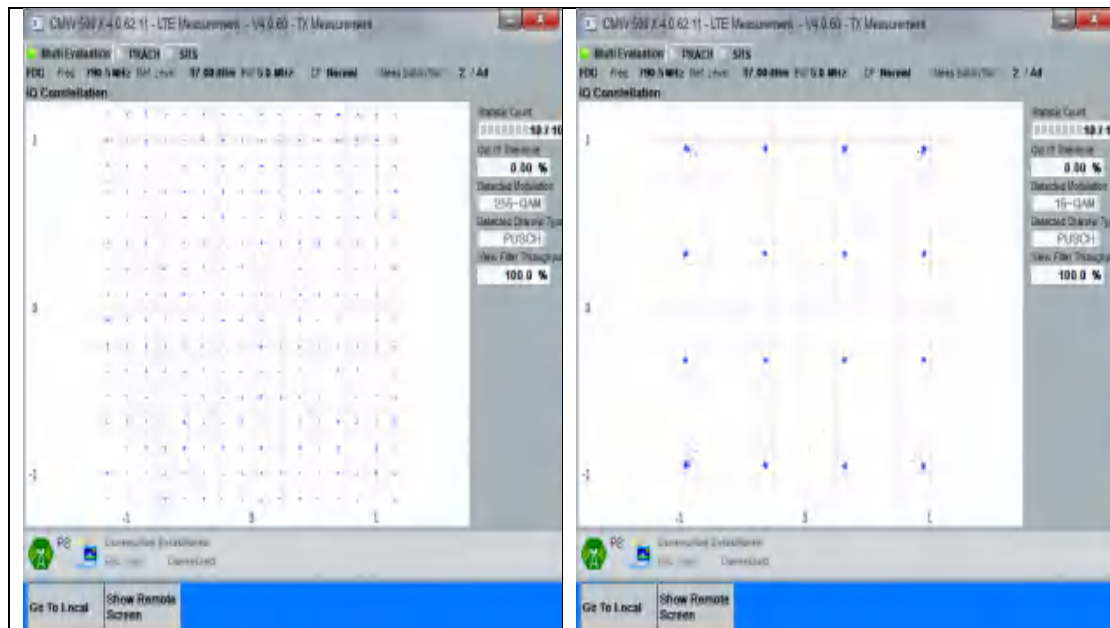
## Appendix: Modulation Characteristics

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Verdict |
|--------|-----------|------------|---------|------------------|---------|
| Band14 | 5MHz      | QPSK       | 23305   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 64QAM      | 23305   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 256QAM     | 23305   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 16QAM      | 23305   | 25RB#0           | PASS    |
| Band14 | 5MHz      | QPSK       | 23330   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 64QAM      | 23330   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 256QAM     | 23330   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 16QAM      | 23330   | 25RB#0           | PASS    |
| Band14 | 5MHz      | QPSK       | 23355   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 64QAM      | 23355   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 256QAM     | 23355   | 25RB#0           | PASS    |
| Band14 | 5MHz      | 16QAM      | 23355   | 25RB#0           | PASS    |
| Band14 | 10MHz     | QPSK       | 23330   | 50RB#0           | PASS    |
| Band14 | 10MHz     | 64QAM      | 23330   | 50RB#0           | PASS    |
| Band14 | 10MHz     | 256QAM     | 23330   | 50RB#0           | PASS    |
| Band14 | 10MHz     | 16QAM      | 23330   | 50RB#0           | PASS    |

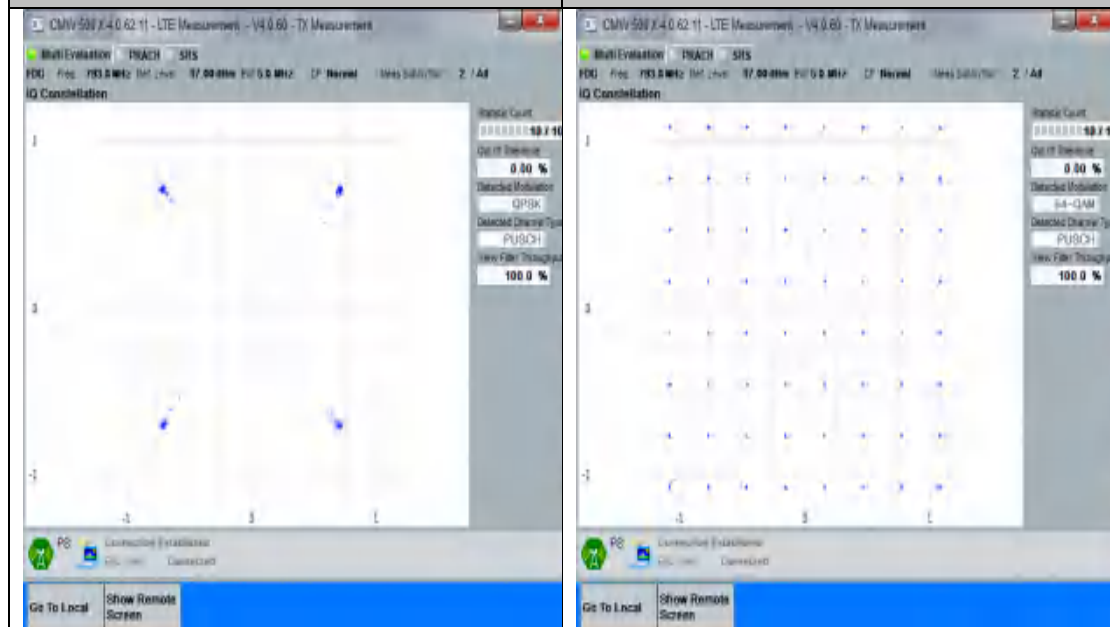
### Test Graphs





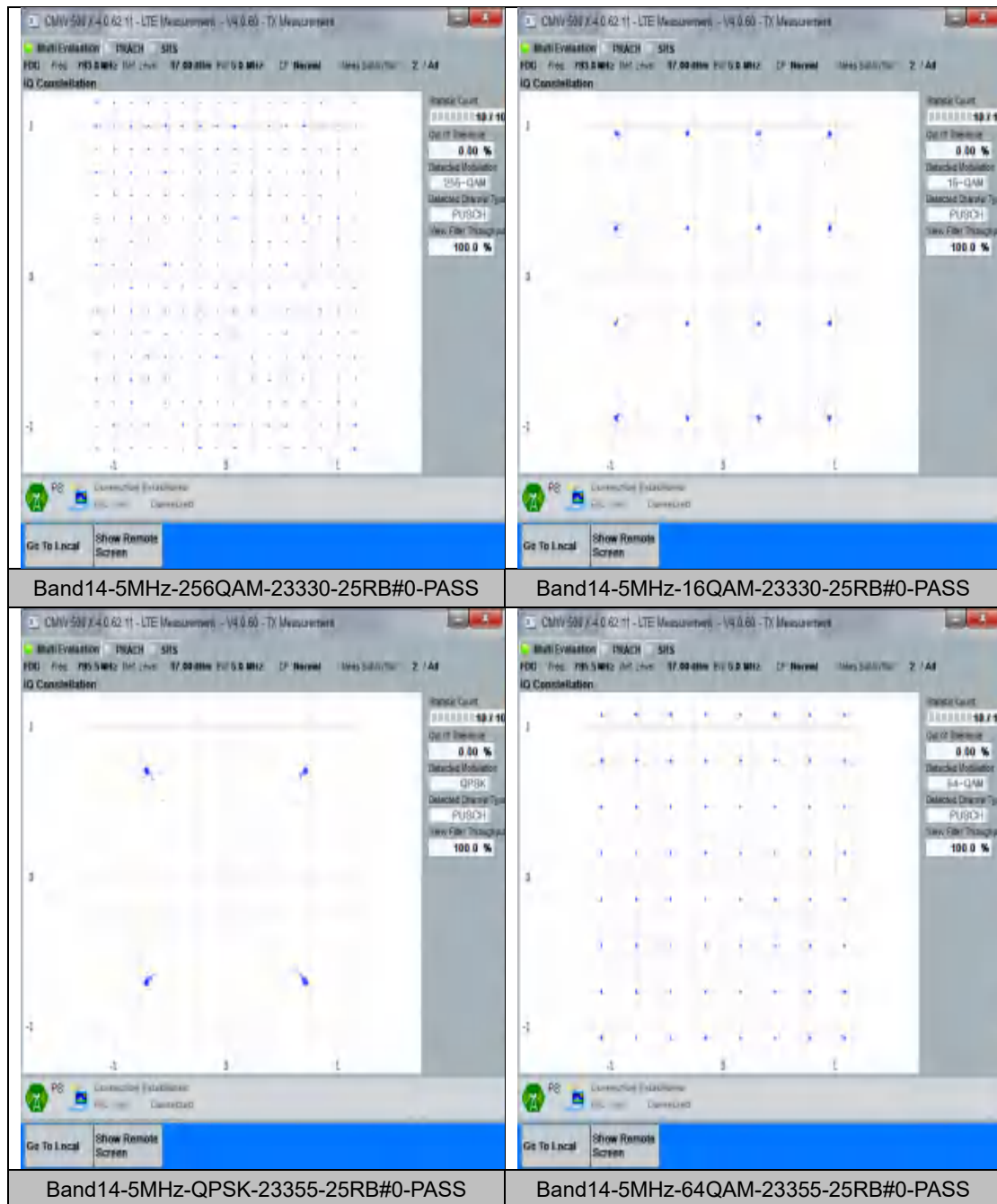
Band14-5MHz-256QAM-23305-25RB#0-PASS

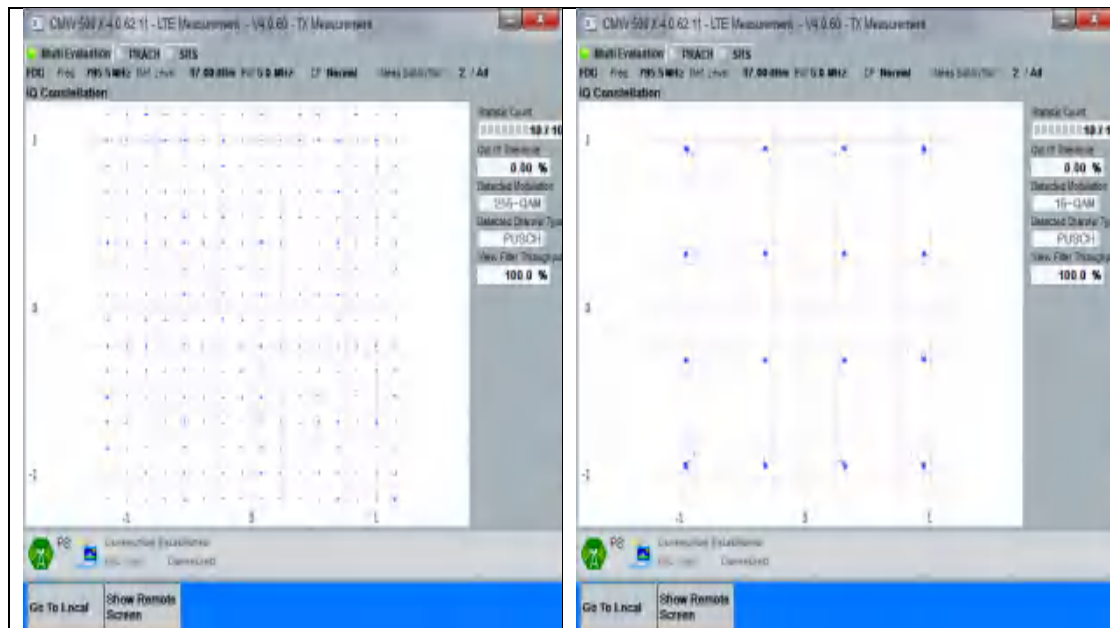
Band14-5MHz-16QAM-23305-25RB#0-PASS



Band14-5MHz-QPSK-23330-25RB#0-PASS

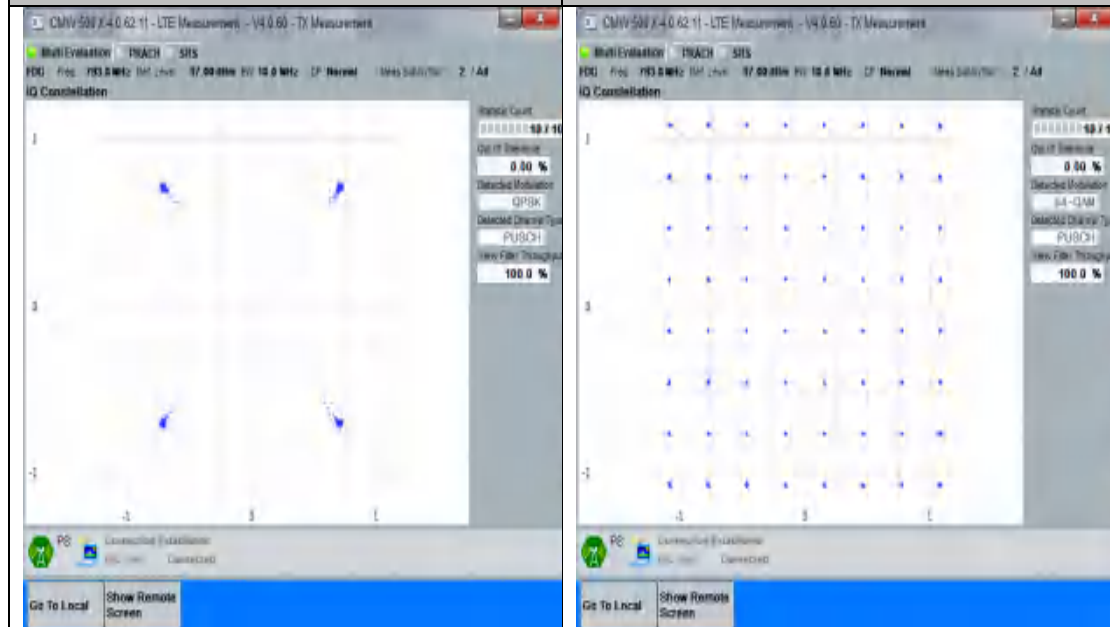
Band14-5MHz-64QAM-23330-25RB#0-PASS





Band14-5MHz-256QAM-23355-25RB#0-PASS

Band14-5MHz-16QAM-23355-25RB#0-PASS



Band14-10MHz-QPSK-23330-50RB#0-PASS

Band14-10MHz-64QAM-23330-50RB#0-PASS

