

## **Appendix for Band 5**

Product Name: Smart Pet Locator

Model No: C001

## Appendix A: Average Power Output

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 23.17       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 23.16       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 23.14       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 23.18       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 23.19       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 23.15       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 22.28       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 23.38       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 23.33       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 23.41       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 23.27       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 23.27       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 23.19       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 22.37       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 23.30       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 23.35       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 23.26       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 23.25       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 23.23       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 23.26       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 22.16       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 22.84       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 22.88       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 22.83       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0            | 22.32       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1            | 22.34       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3            | 22.33       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 21.92       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 22.28       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 22.20       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#5            | 22.28       | PASS    |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 22.52 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 22.48 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 22.51 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 21.79 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 22.85 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 22.87 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 22.88 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 22.39 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 22.37 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 22.44 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 22.03 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.28 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.37 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.38 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.20 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.19 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.17 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.19 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.21 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 23.18 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.15 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 22.36 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 22.35 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 22.24 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 22.28 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.29 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 23.28 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 23.24 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 22.29 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 22.30 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 22.33 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 22.27 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 22.53 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 22.47 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 22.49 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#0  | 21.99 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 8RB#4  | 21.98 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7   | 21.87 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0  | 21.71 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0   | 23.30 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8   | 23.29 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14  | 23.27 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0   | 21.98 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4   | 22.05 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7   | 21.83 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 21.95 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 22.72 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 22.66 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.54 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.94 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 21.97 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 22.04 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.71 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.35 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 23.34 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 23.32 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 22.21 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 22.22 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.30 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.24 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 23.52 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 23.40 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.43 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 22.50 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 22.50 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 22.31 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 22.28 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 23.42 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 23.43 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 23.41 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 22.32 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#6  | 22.34 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#13 | 22.34 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 25RB#0  | 22.37 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 22.43 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 22.46 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 22.44 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 21.80 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 21.80 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 21.70 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 21.75 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 22.63 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.65 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.62 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 21.92 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 21.92 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 21.86 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 21.87 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.27 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.33 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.34 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.95 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.95 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.82 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.99 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.20 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.20 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.35 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.14 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.16 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.33 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.33 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.18 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 23.58 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.31 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.49 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.33 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.29 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.43 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.24 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.27 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.22 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.36 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.35 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.46 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.30 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.09 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.09 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.71 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.71 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 21.76 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.69 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.69 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 22.07 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.17 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.08 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 22.05 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 22.02 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.86 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.88 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.49 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.49 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.46 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.93 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.91 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.77 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.98 | PASS |

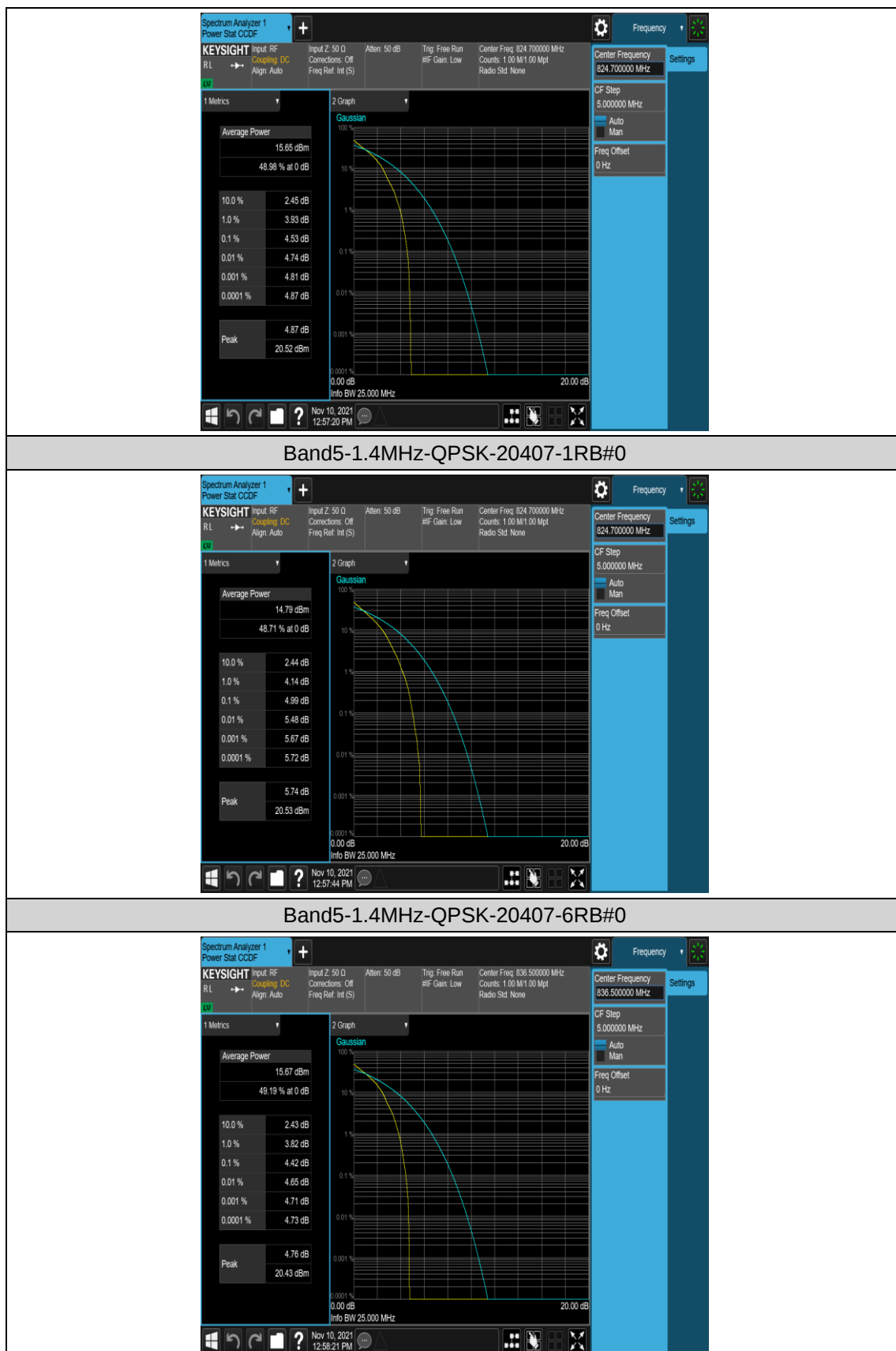
## Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

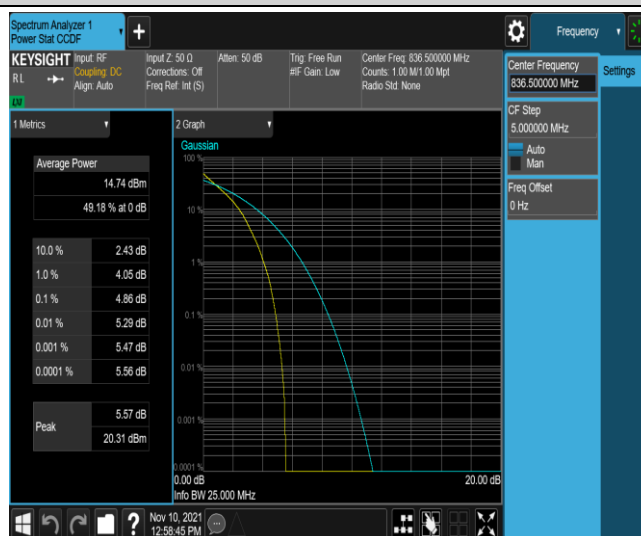
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 4.53       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 4.99       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 4.42       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 4.86       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 4.06       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 4.57       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 4.30       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 4.71       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 4.76       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 4.62       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 4.31       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 4.00       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 4.57       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 4.76       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 4.49       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 4.52       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 4.32       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 4.41       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 4.43       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 4.74       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 4.53       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 4.62       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 4.39       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 4.30       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 4.24       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 5.03       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 4.40       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.64       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | 4.03       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.55       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | 4.99       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.85       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | 5.22       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.51       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | 4.81       | 13        | PASS    |

|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | 4.50 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | 4.65 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 5.04 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 5.10 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 4.75 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 4.30 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 4.66 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 4.66 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 5.18 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 5.14 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 4.68 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 4.15 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 4.56 | 13 | PASS |

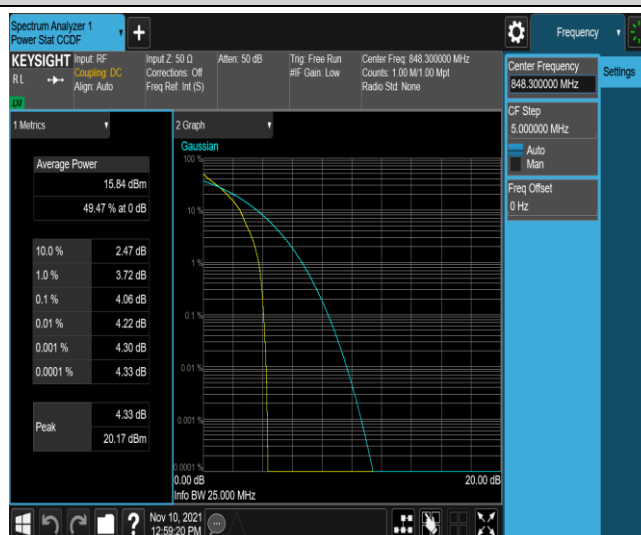
## Test Graphs



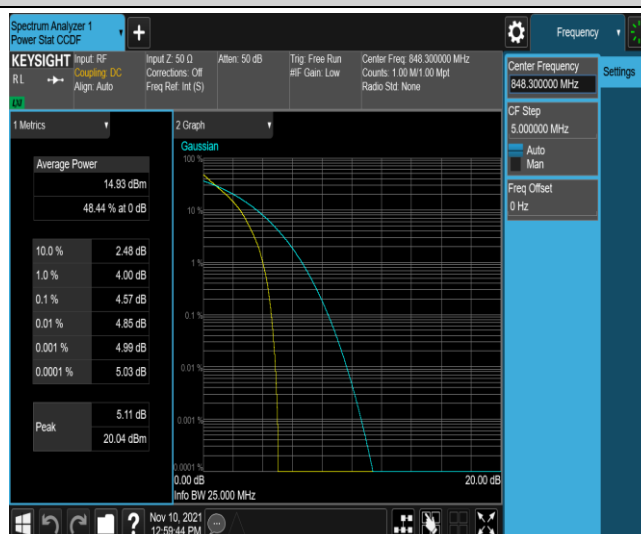
## Band5-1.4MHz-QPSK-20525-1RB#0



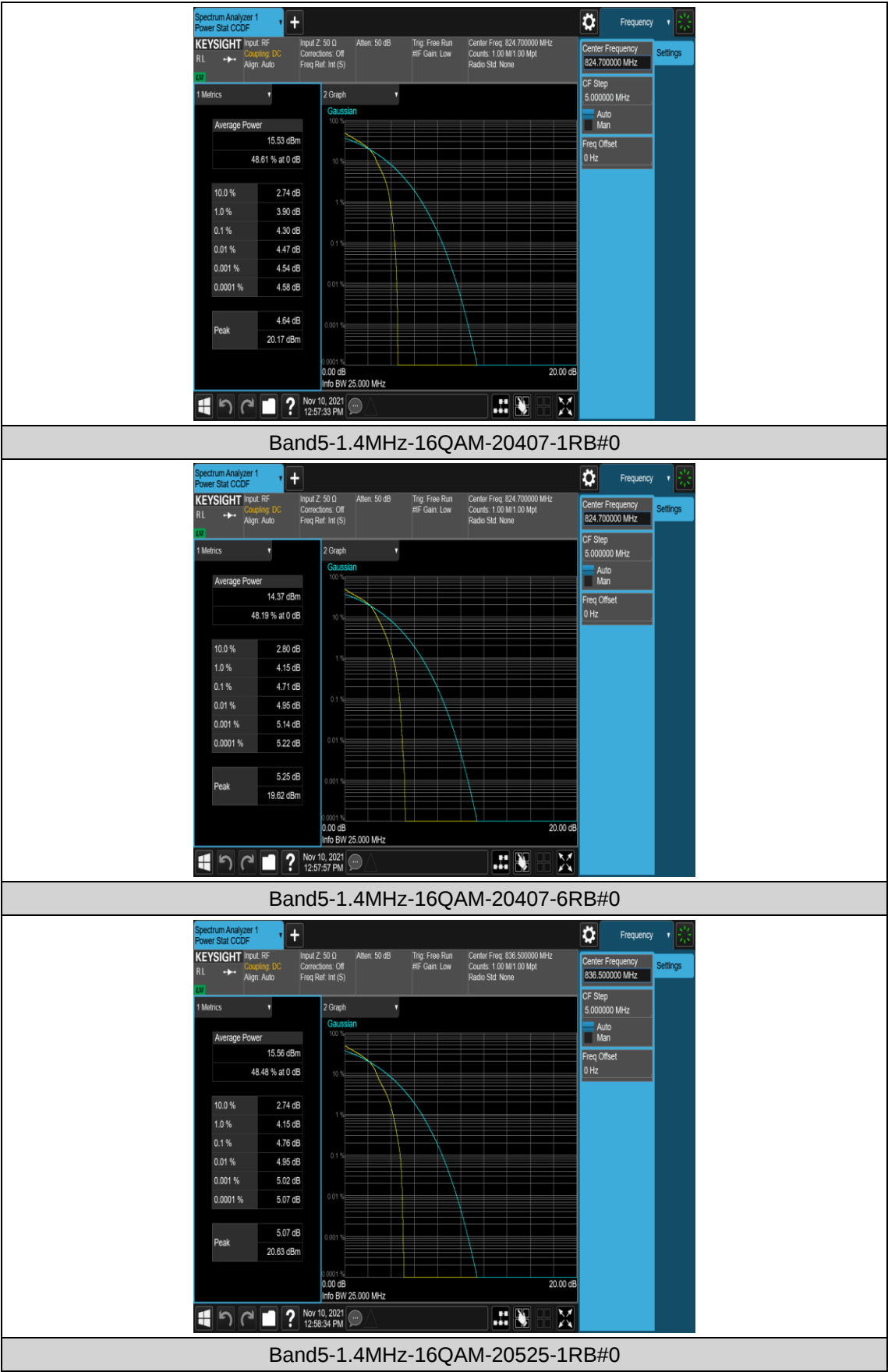
## Band5-1.4MHz-QPSK-20525-6RB#0



## Band5-1.4MHz-QPSK-20643-1RB#0



## Band5-1.4MHz-QPSK-20643-6RB#0

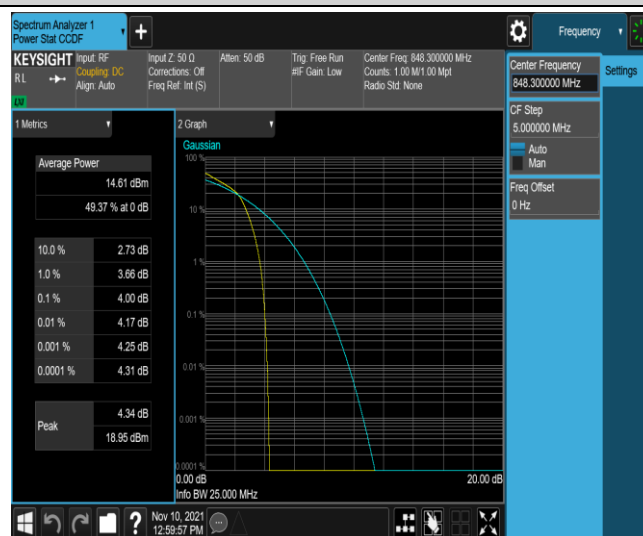




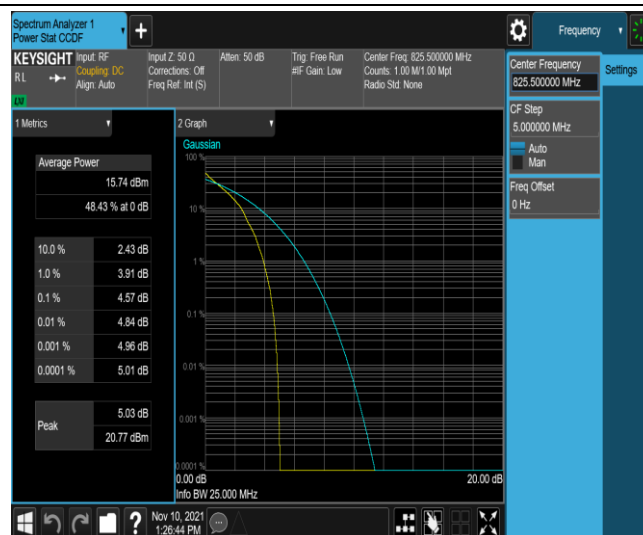
Band5-1.4MHz-16QAM-20525-6RB#0



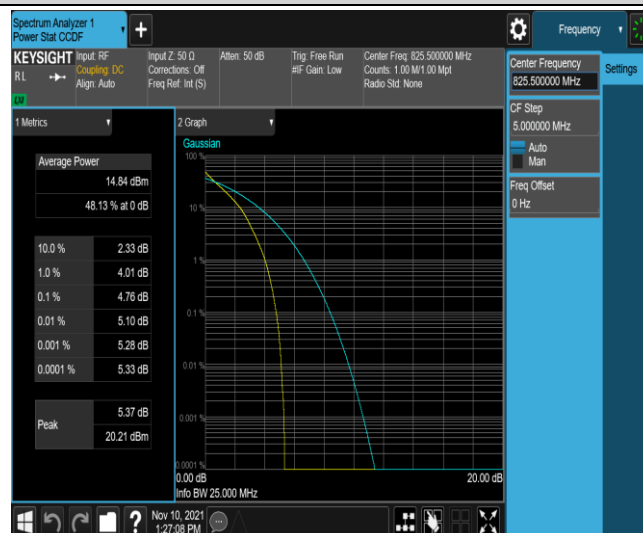
Band5-1.4MHz-16QAM-20643-1RB#0



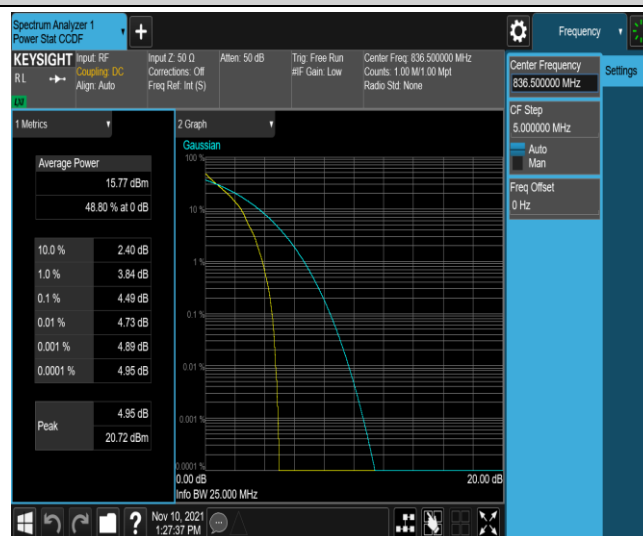
Band5-1.4MHz-16QAM-20643-6RB#0



Band5-3MHz-QPSK-20415-1RB#0



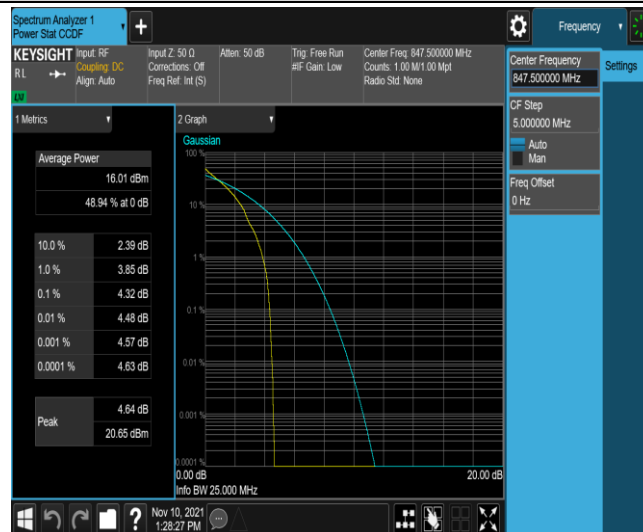
Band5-3MHz-QPSK-20415-15RB#0



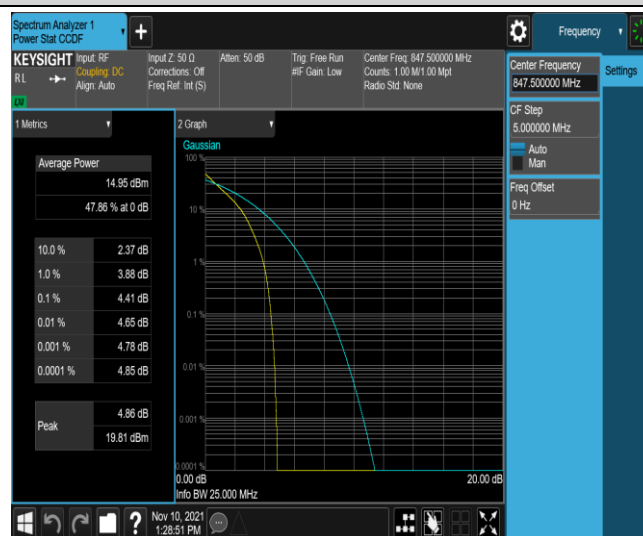
Band5-3MHz-QPSK-20525-1RB#0



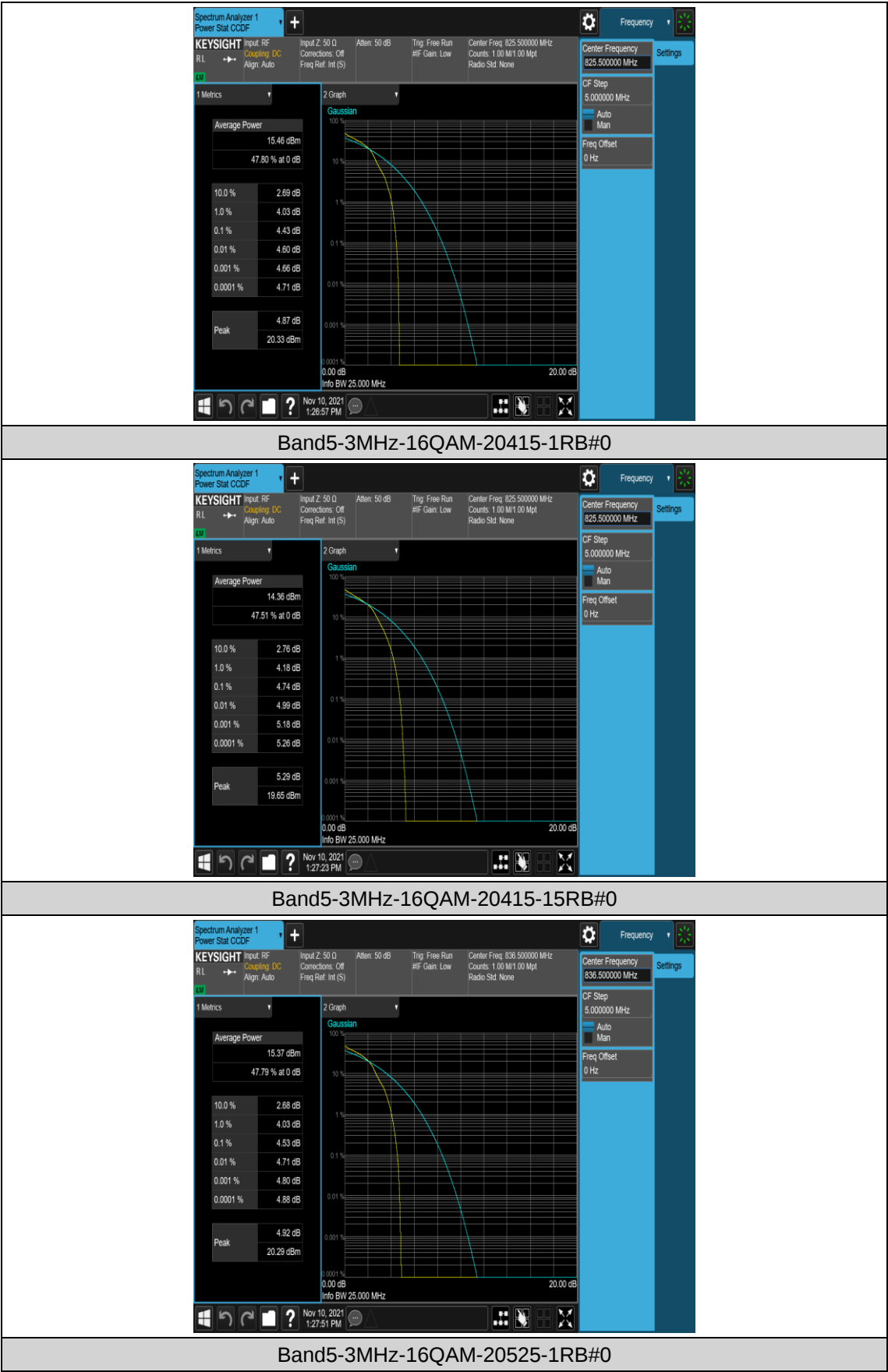
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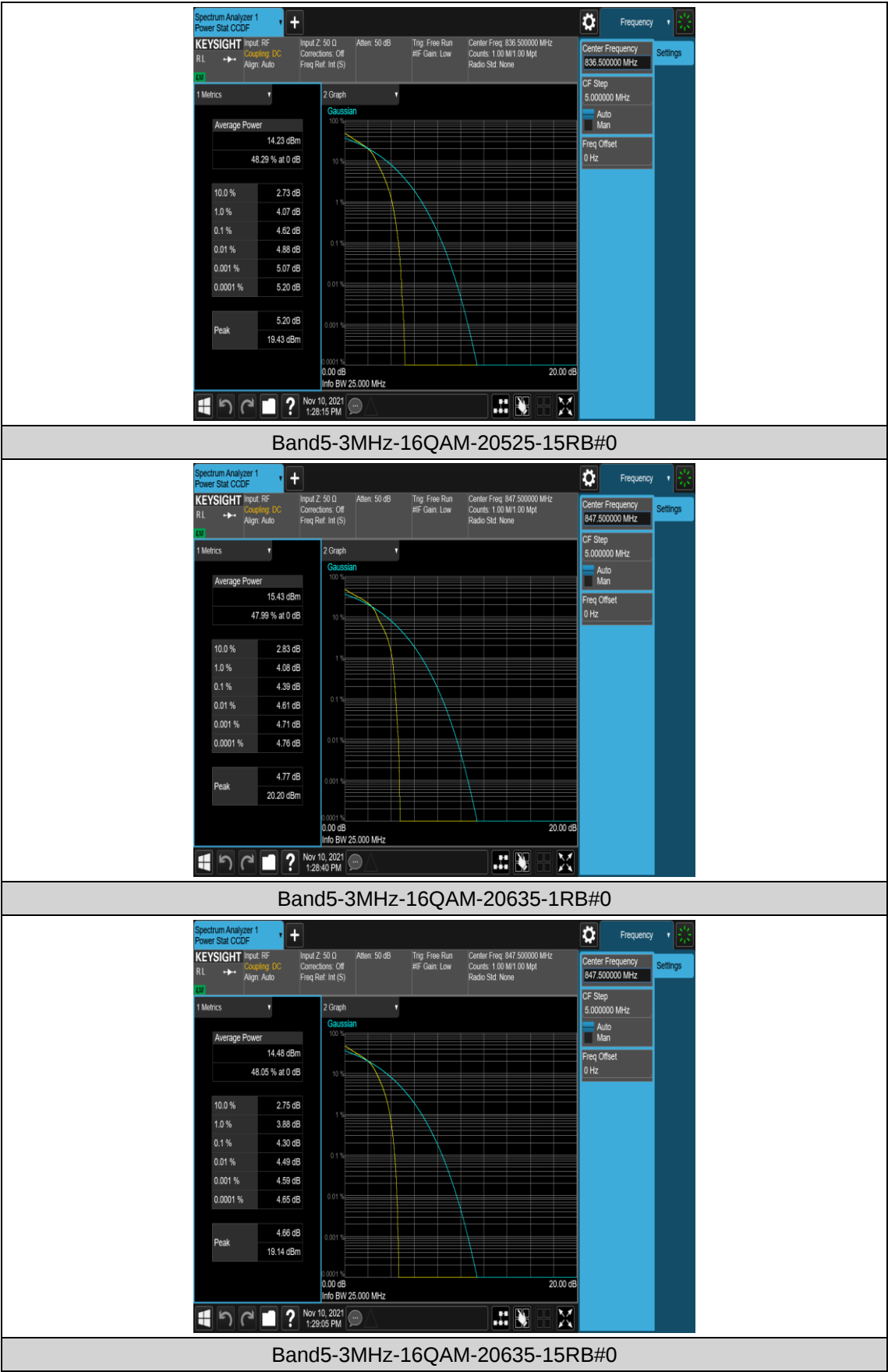


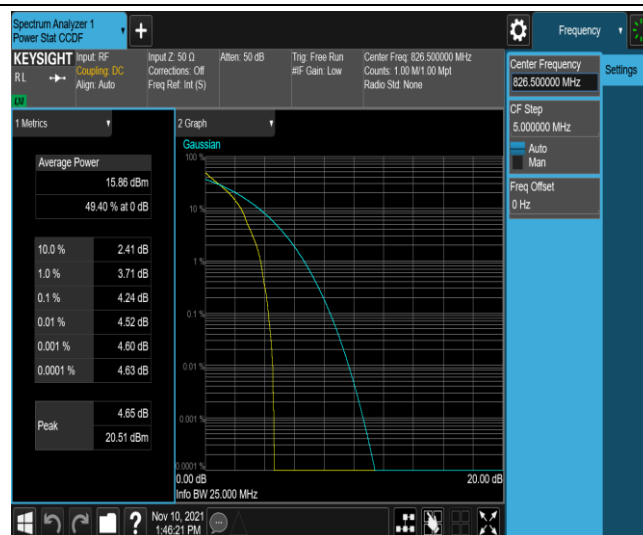
Band5-3MHz-QPSK-20635-1RB#0



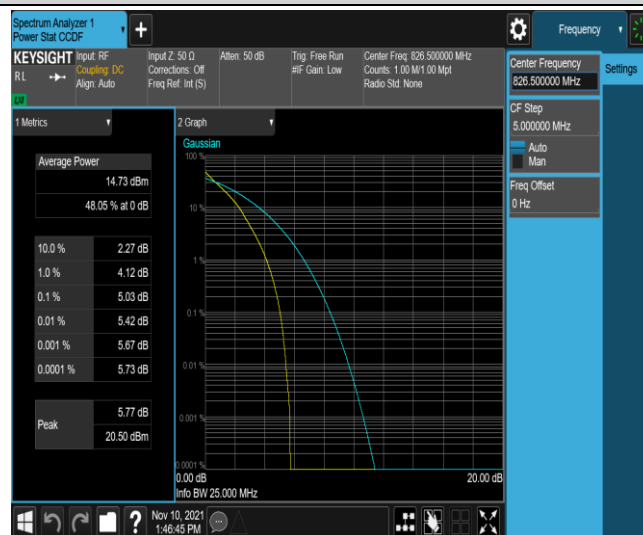
Band5-3MHz-QPSK-20635-15RB#0



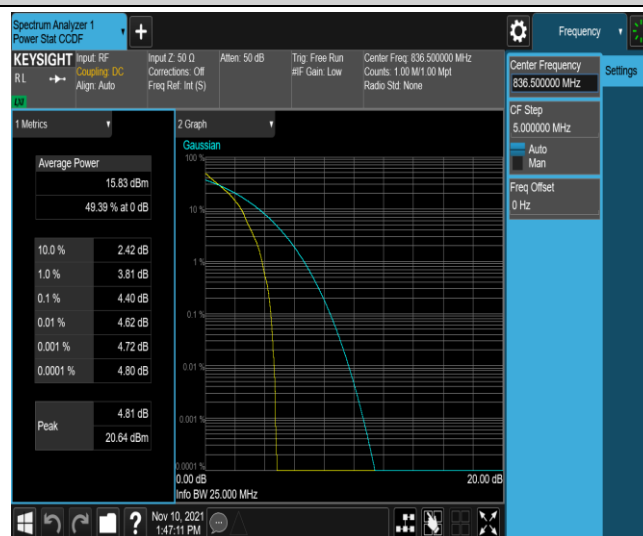




Band5-5MHz-QPSK-20425-1RB#0



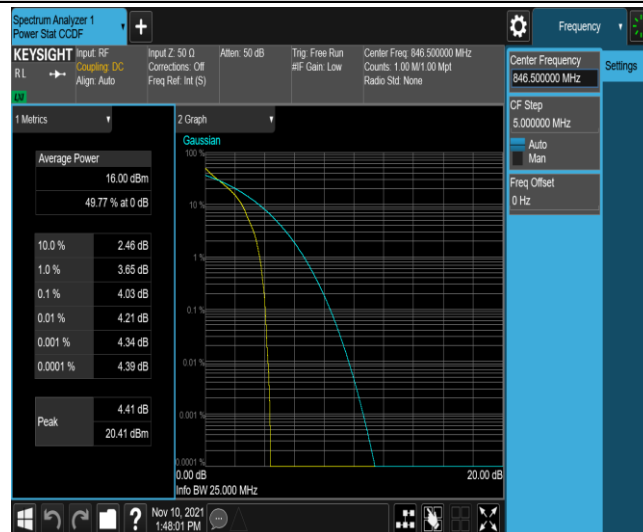
Band5-5MHz-QPSK-20425-25RB#0



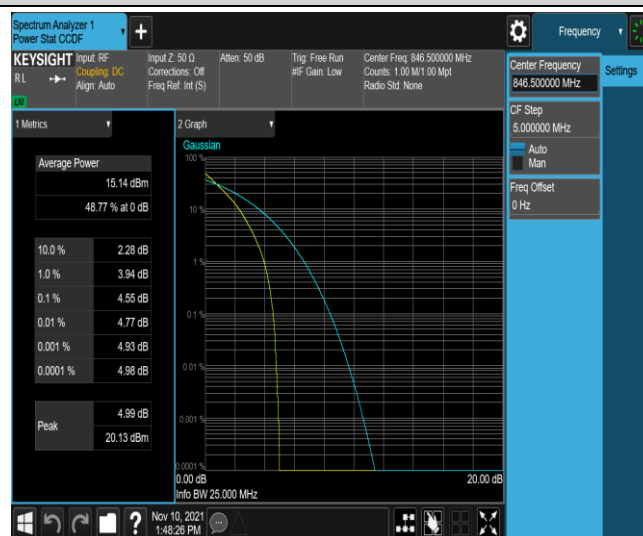
Band5-5MHz-QPSK-20525-1RB#0



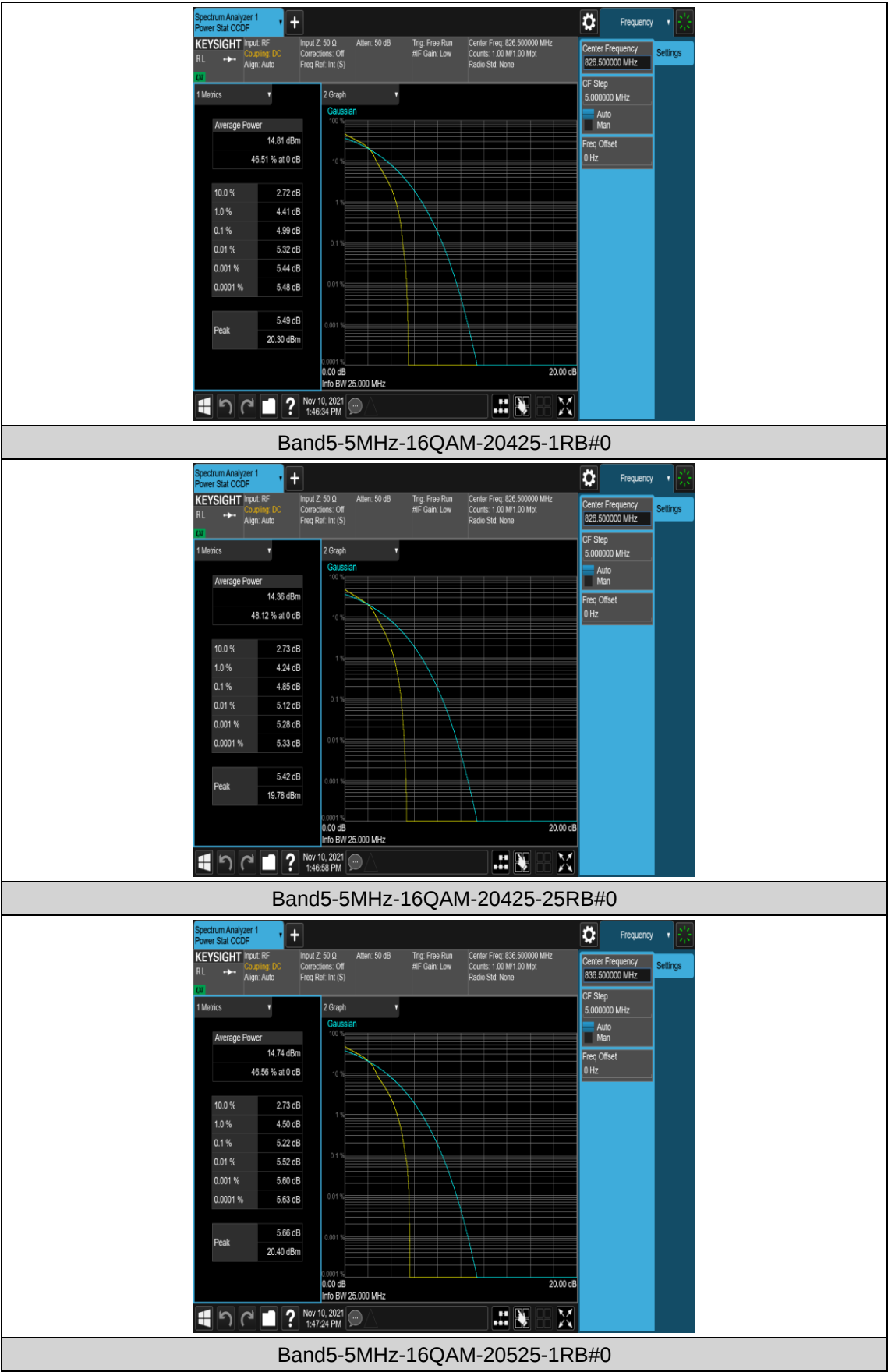
Band5-5MHz-QPSK-20525-25RB#0

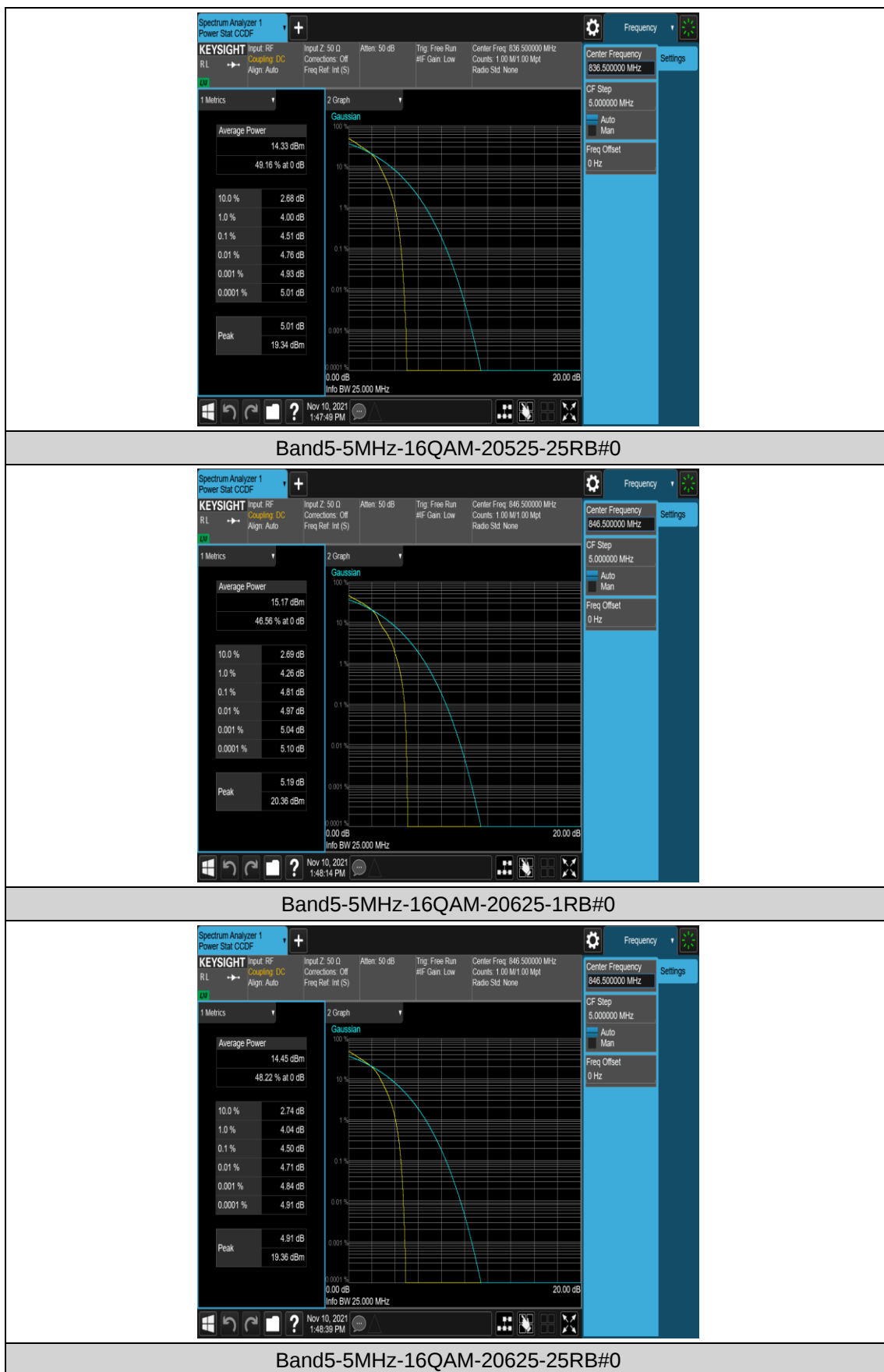


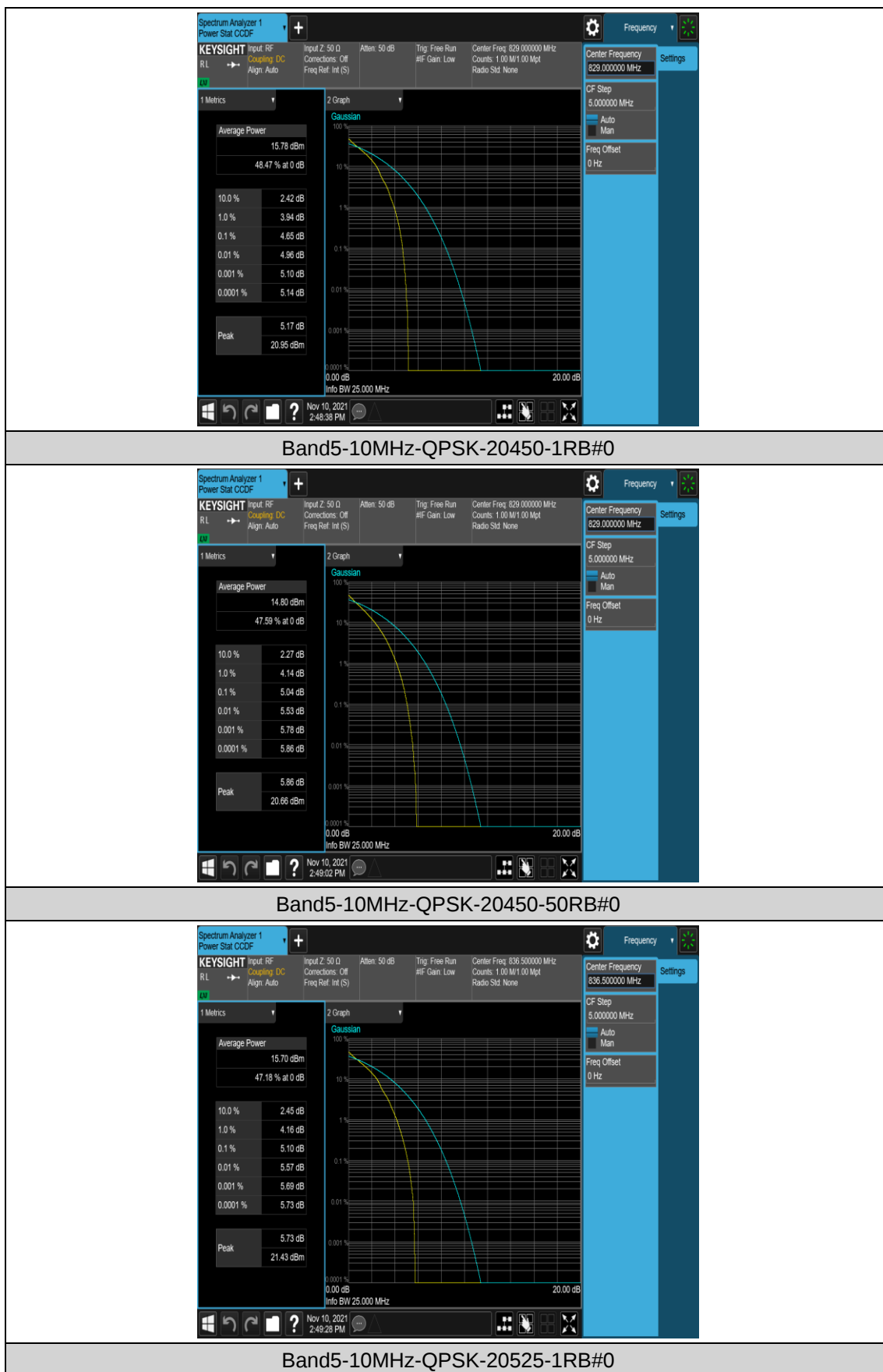
Band5-5MHz-QPSK-20625-1RB#0

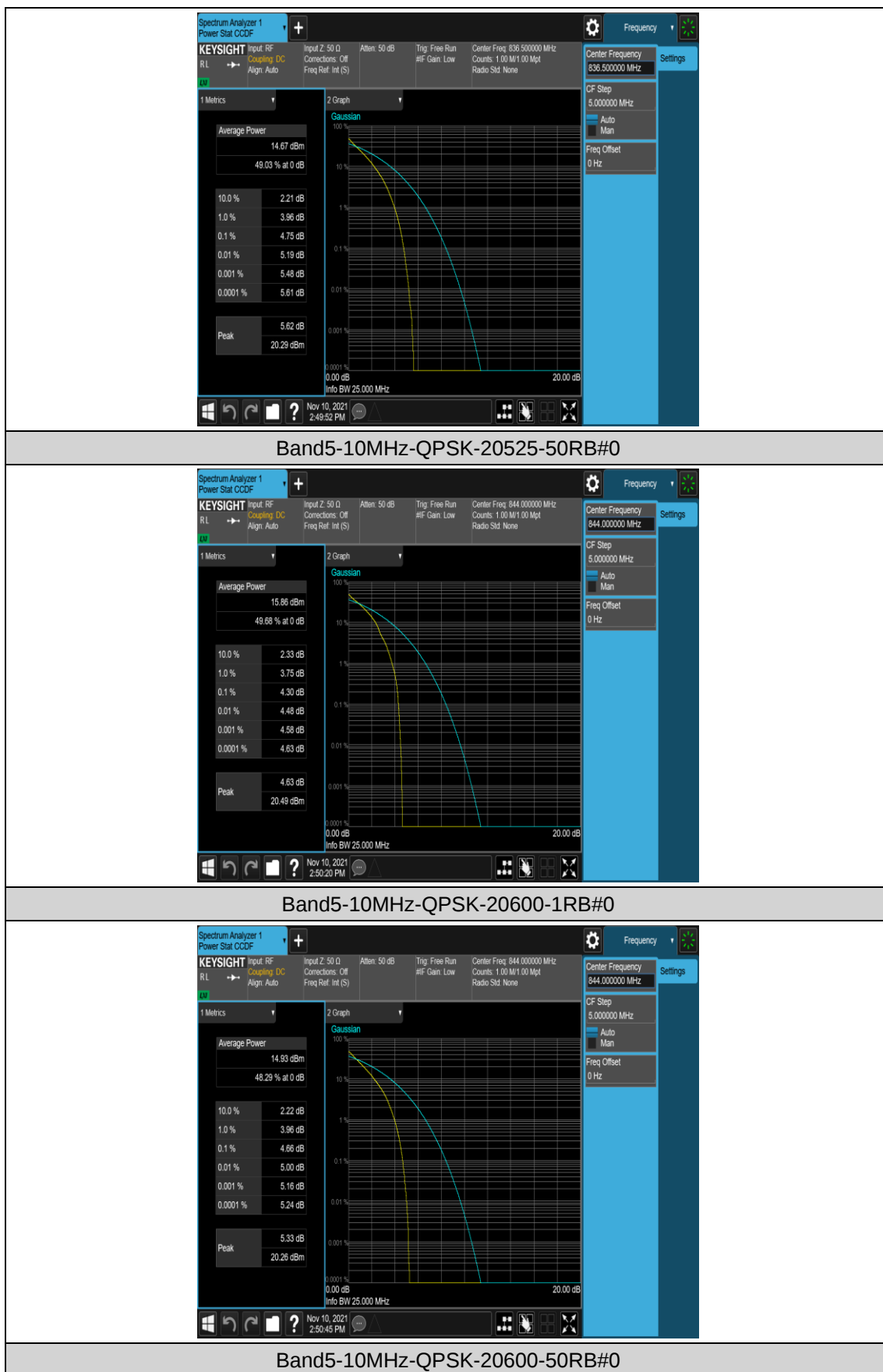


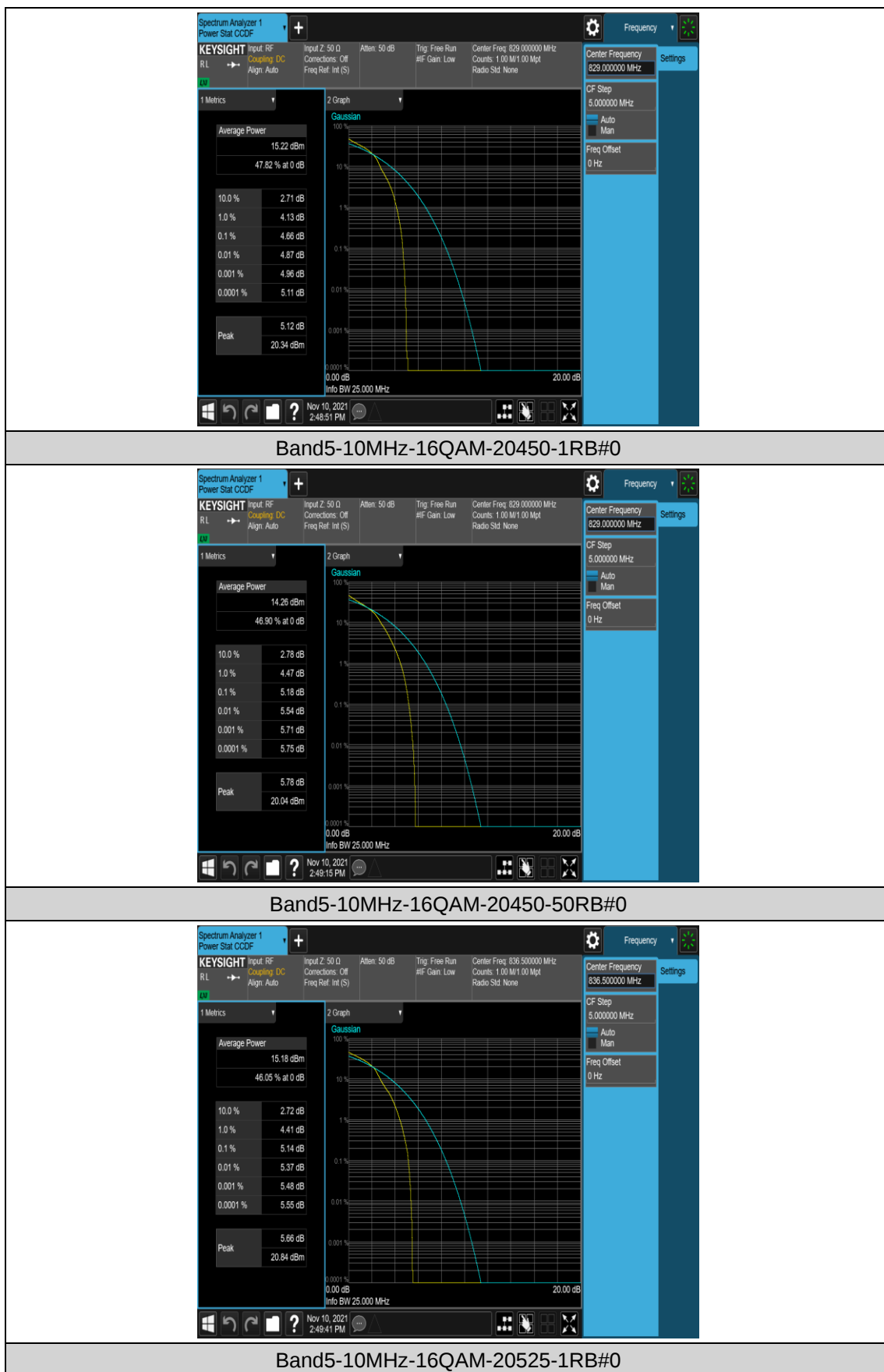
Band5-5MHz-QPSK-20625-25RB#0

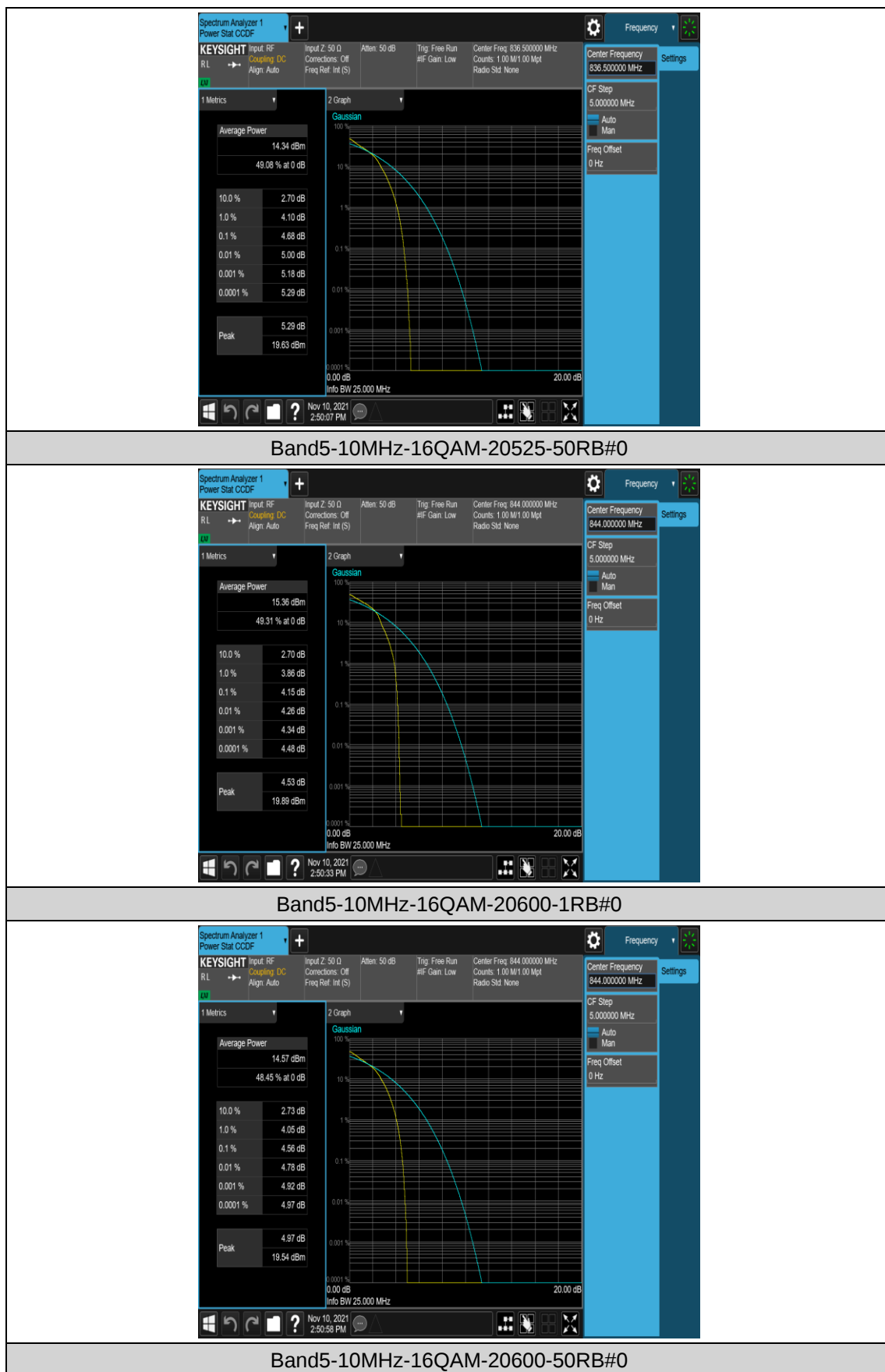










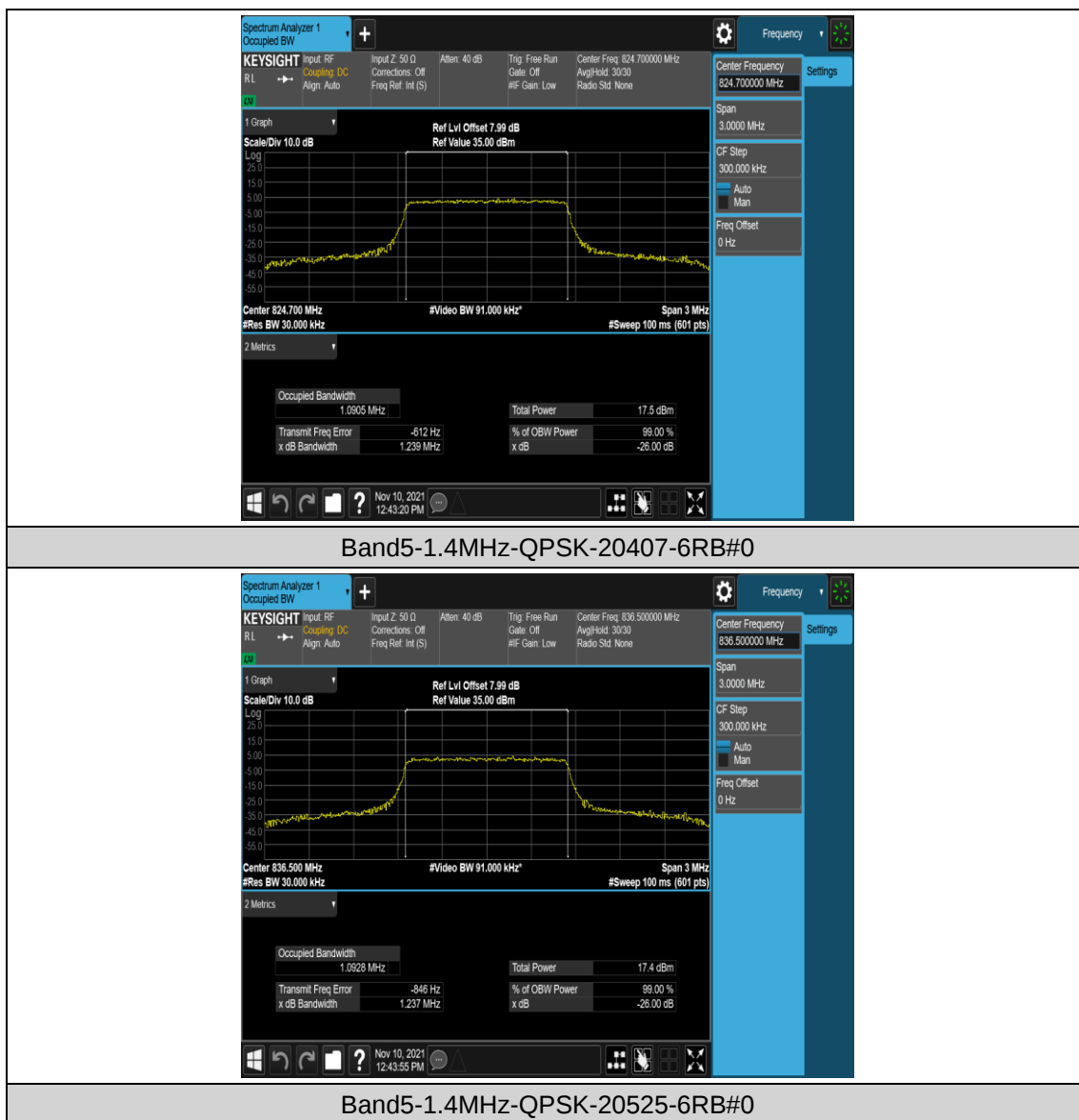


## Appendix C: 26dB Bandwidth and Occupied Bandwidth

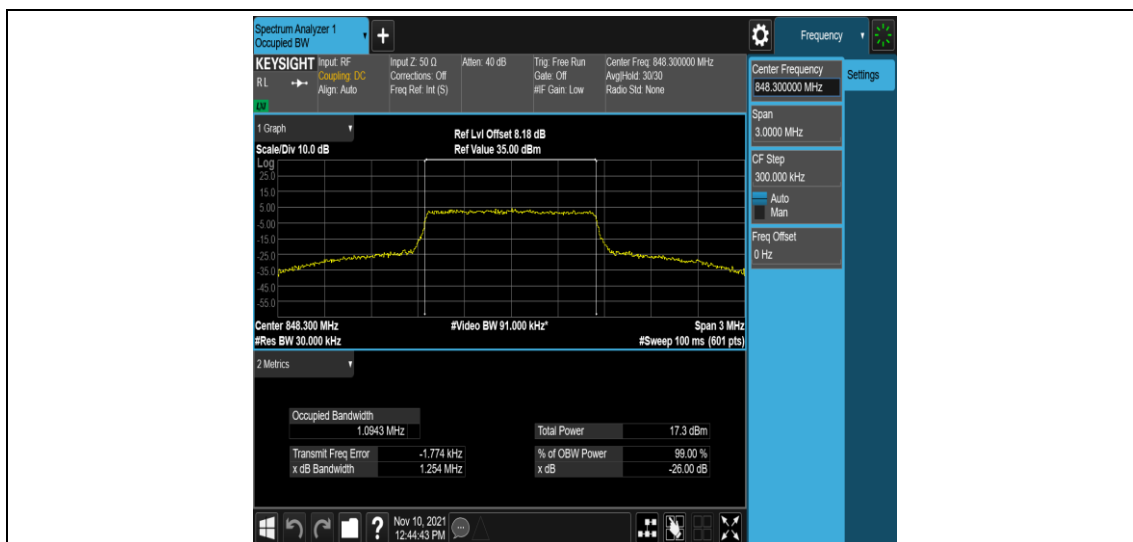
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.0905                   | 1.239                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.0928                   | 1.237                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.0908                   | 1.245                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.0912                   | 1.233                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.0919                   | 1.228                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.0943                   | 1.254                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.6963                   | 2.964                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.7004                   | 2.944                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.6987                   | 2.977                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.6934                   | 2.980                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.6919                   | 2.986                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.6968                   | 3.046                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.4986                   | 4.970                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.4981                   | 4.955                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.4984                   | 4.963                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.5028                   | 4.952                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.5039                   | 4.973                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.5051                   | 5.012                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.9920                   | 9.566                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.9862                   | 9.599                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.9902                   | 9.583                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 8.9786                   | 9.612                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 8.9808                   | 9.643                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 8.9934                   | 9.685                | PASS    |

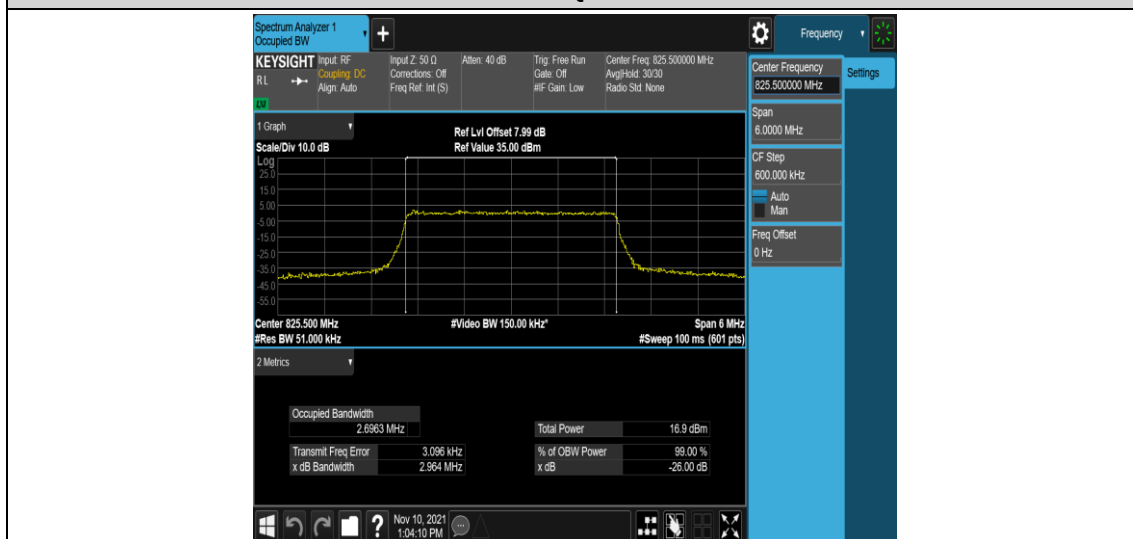
## Test Graphs



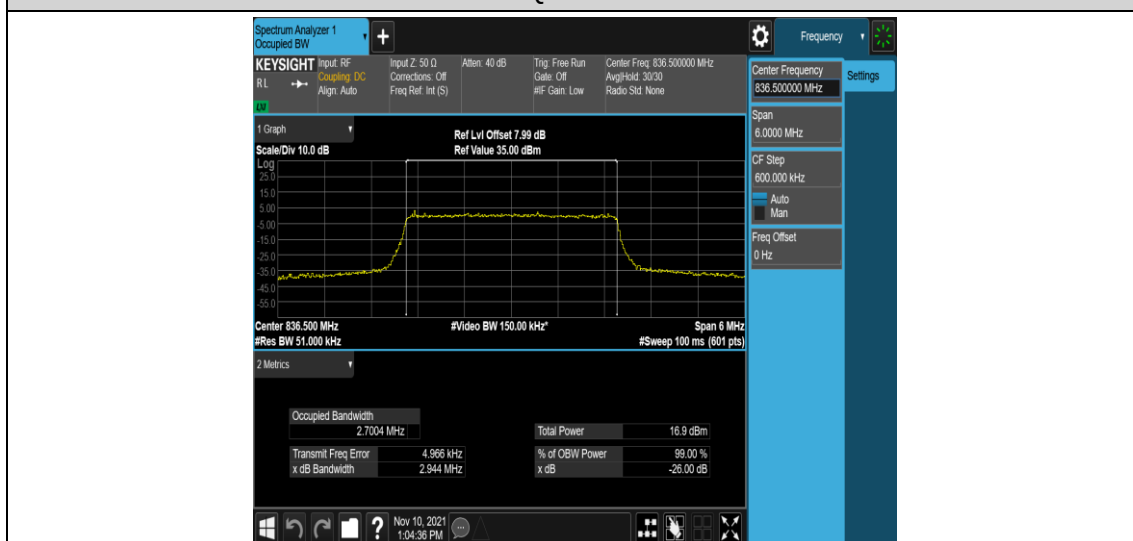




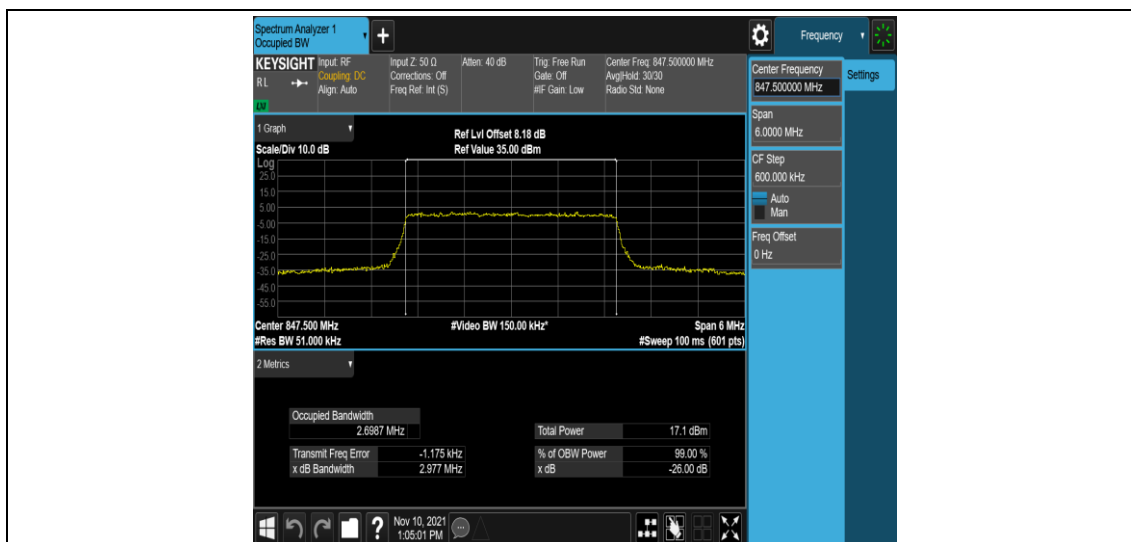
Band5-1.4MHz-16QAM-20643-6RB#0



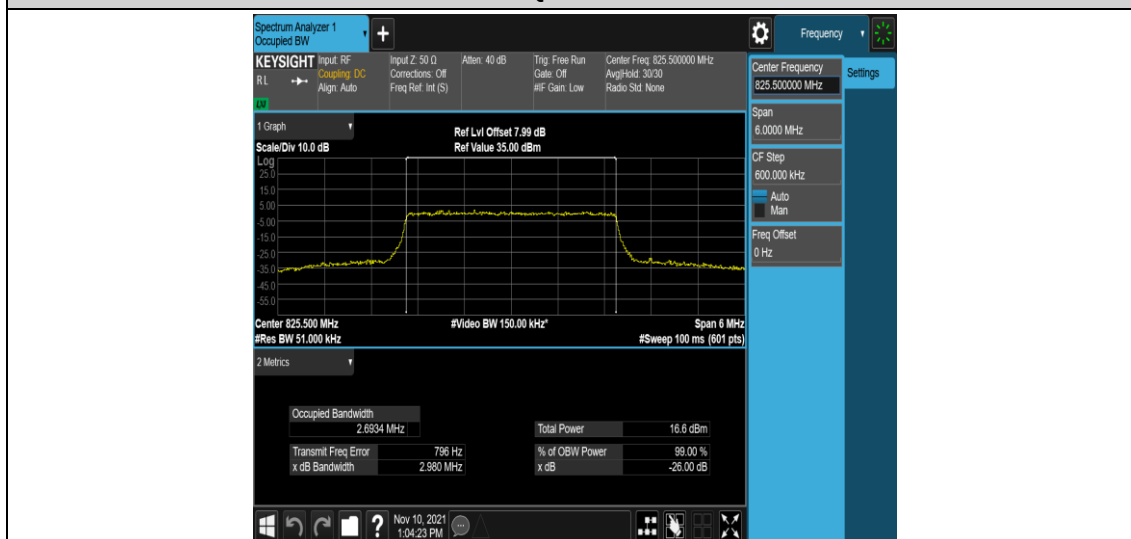
Band5-3MHz-QPSK-20415-15RB#0



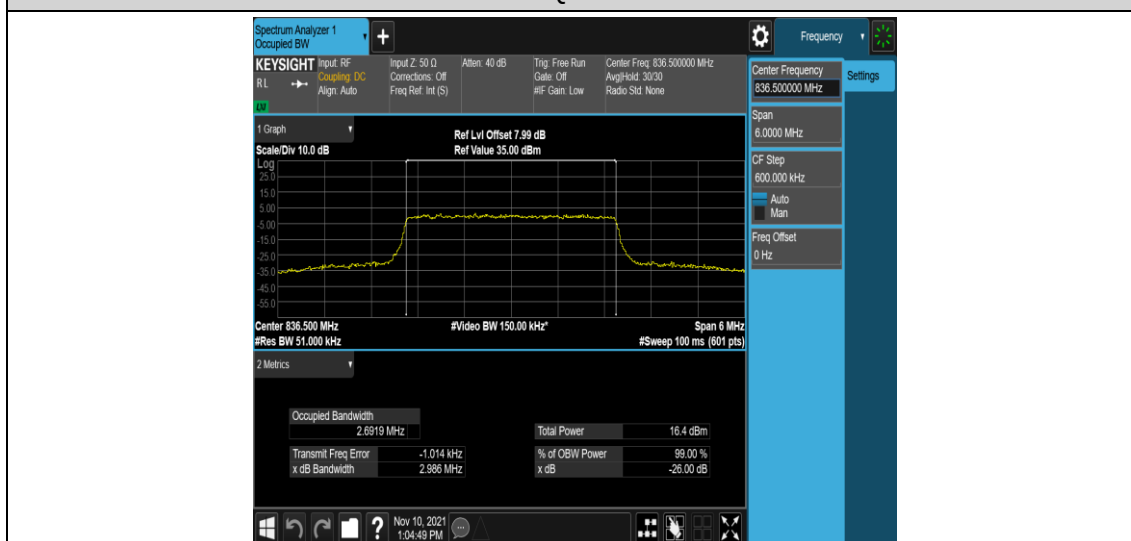
Band5-3MHz-QPSK-20525-15RB#0



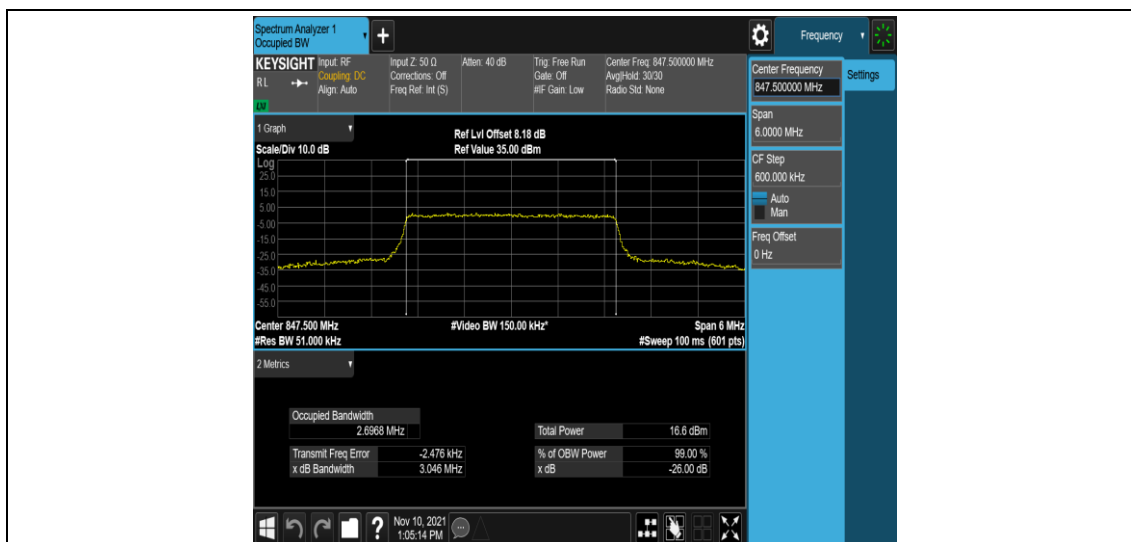
Band5-3MHz-QPSK-20635-15RB#0



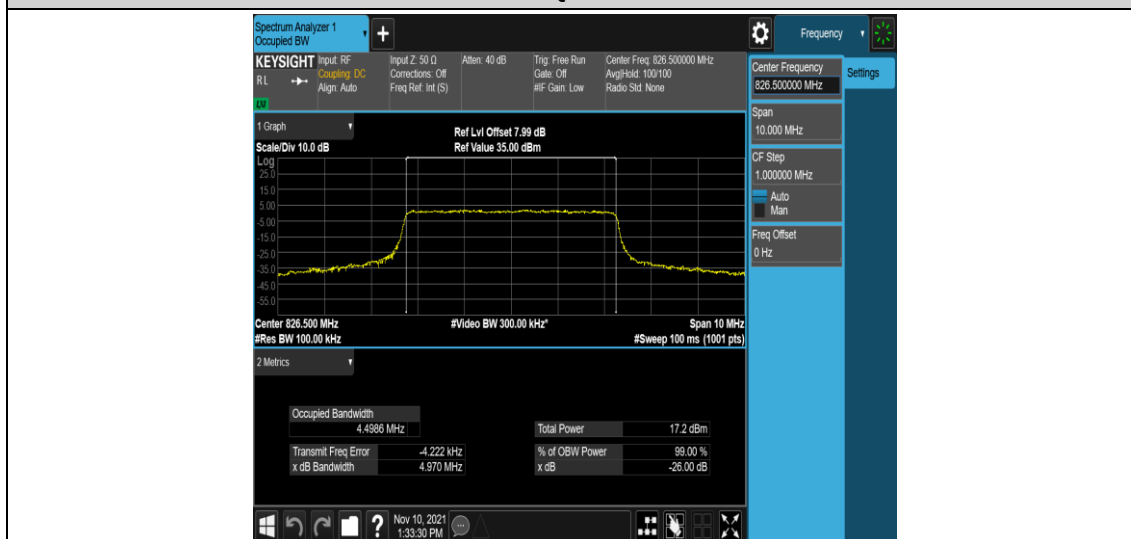
Band5-3MHz-16QAM-20415-15RB#0



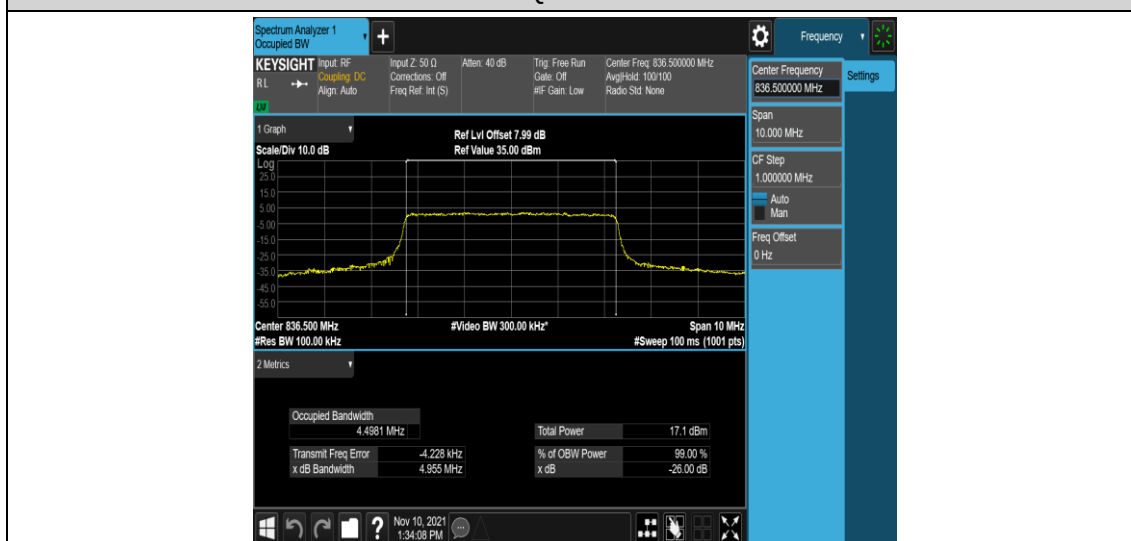
Band5-3MHz-16QAM-20525-15RB#0



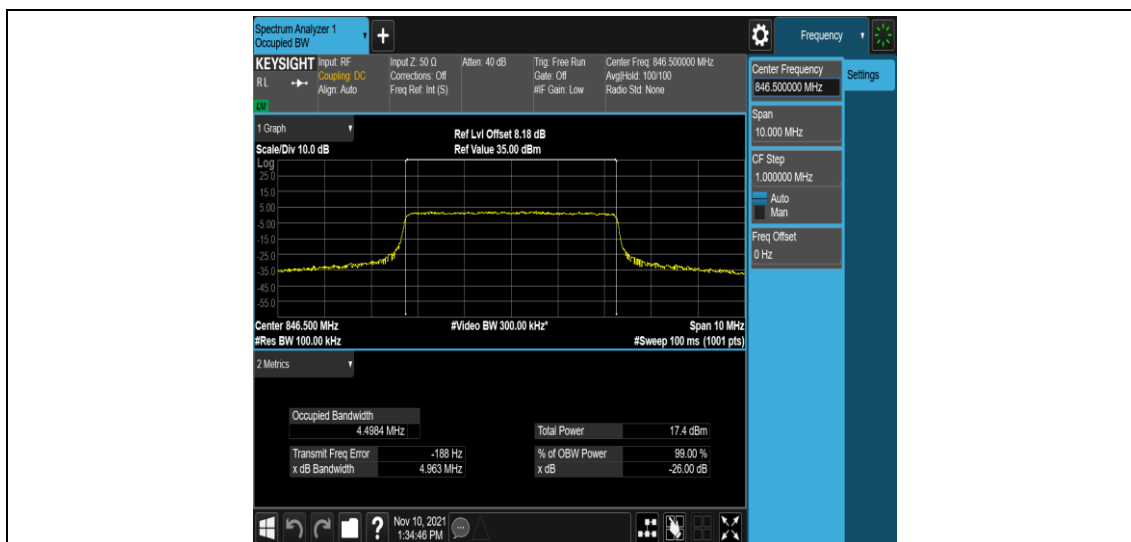
Band5-3MHz-16QAM-20635-15RB#0



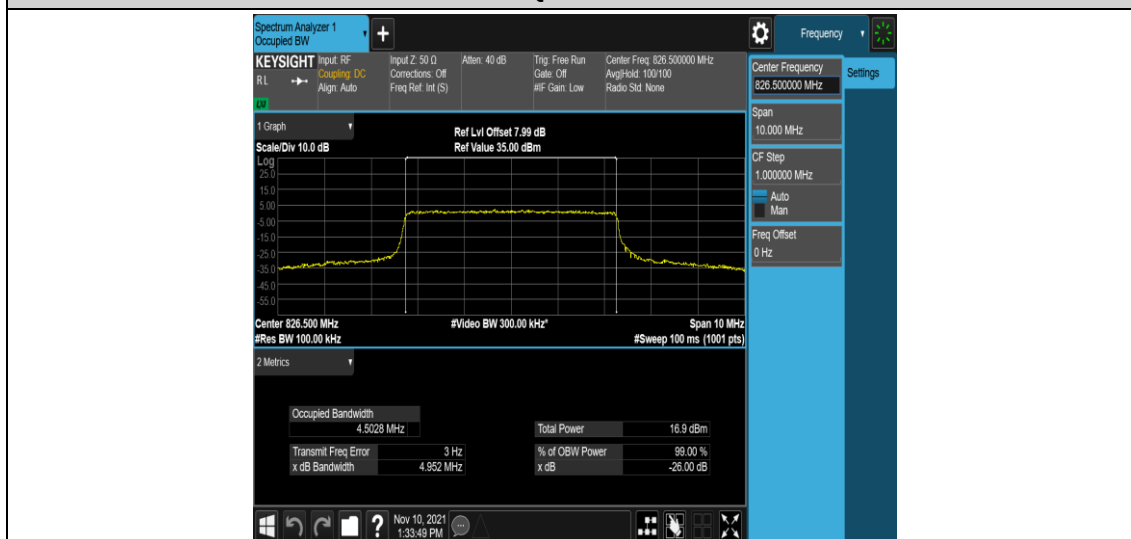
Band5-5MHz-QPSK-20425-25RB#0



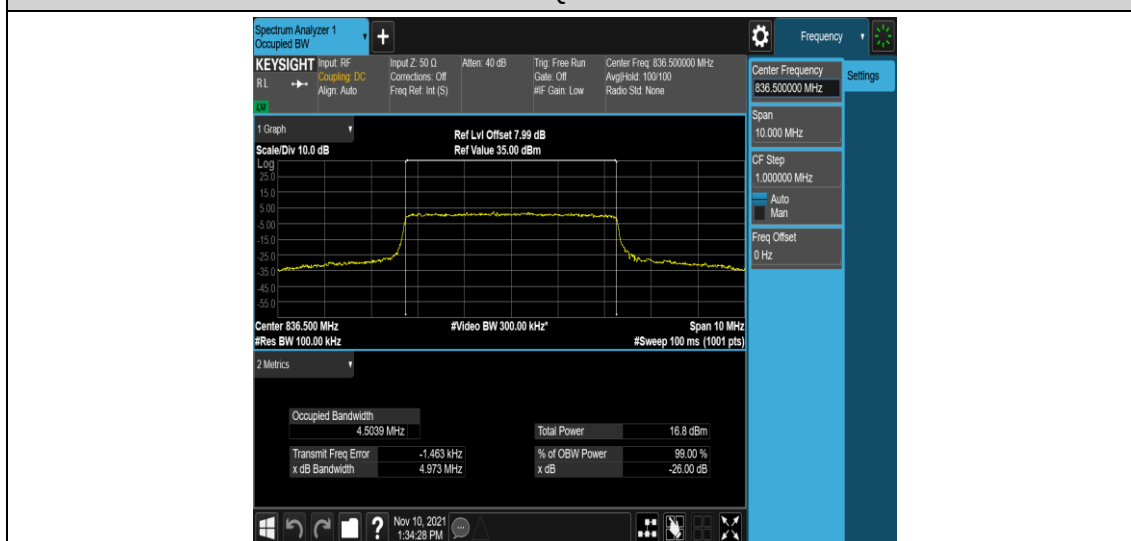
Band5-5MHz-QPSK-20525-25RB#0



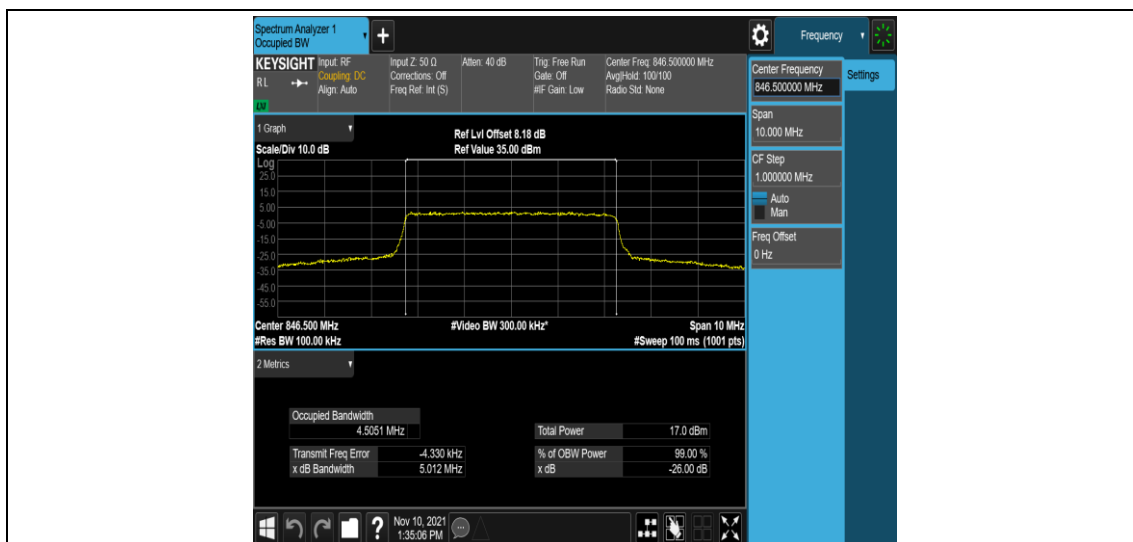
Band5-5MHz-QPSK-20625-25RB#0



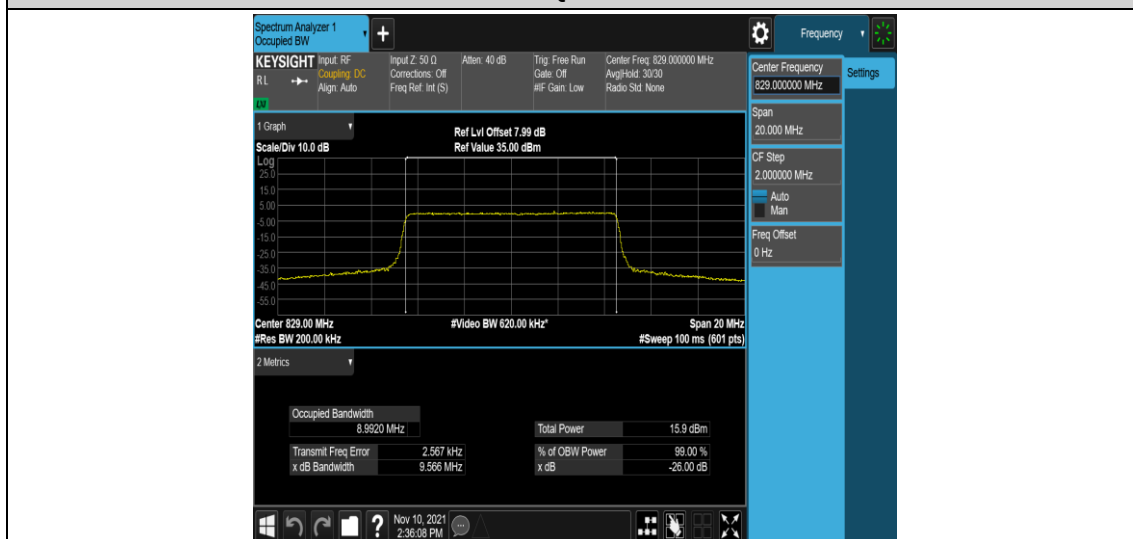
Band5-5MHz-16QAM-20425-25RB#0



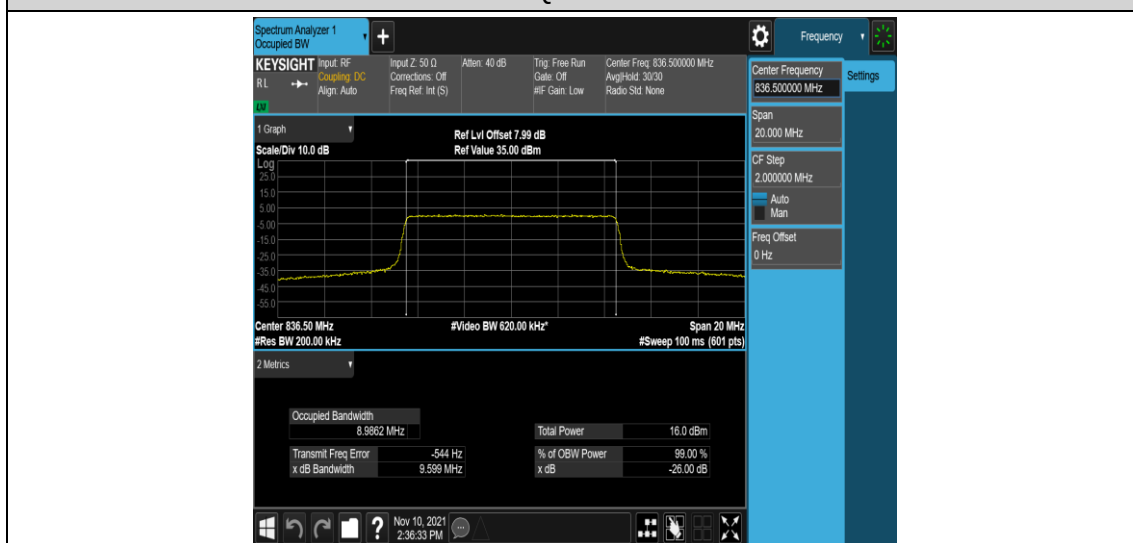
Band5-5MHz-16QAM-20525-25RB#0



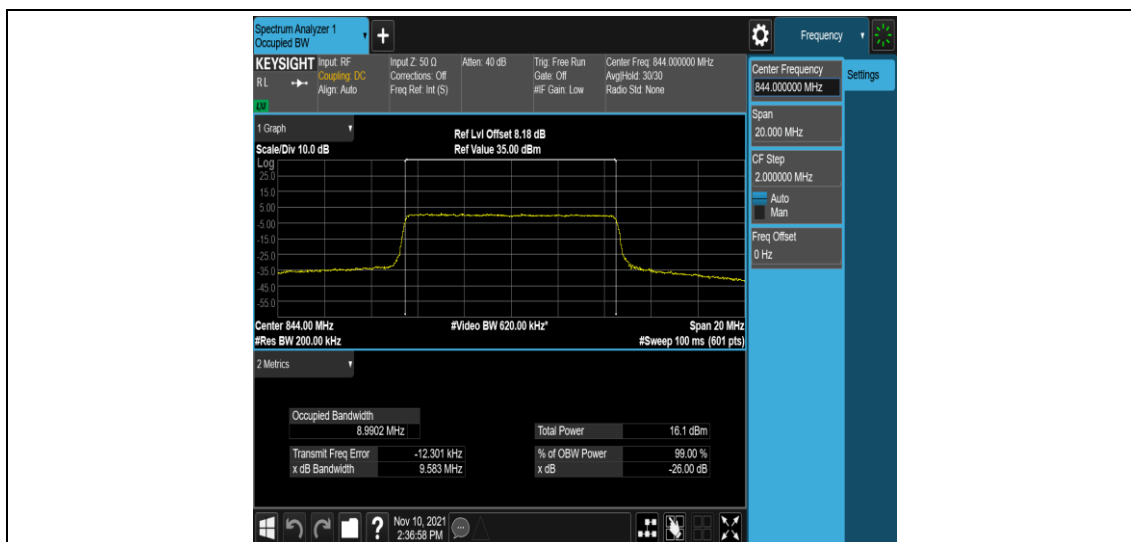
Band5-5MHz-16QAM-20625-25RB#0



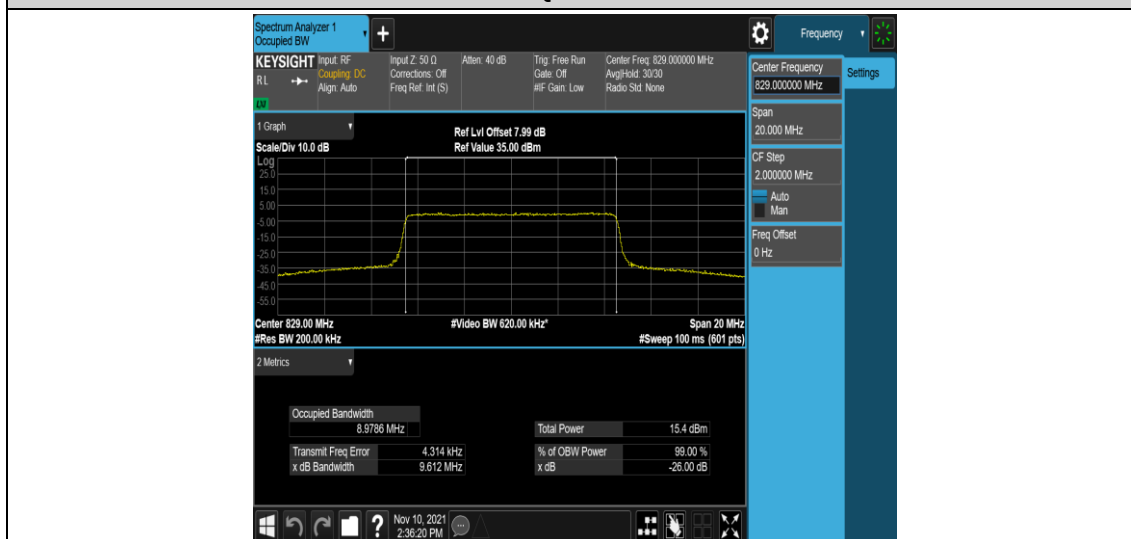
Band5-10MHz-QPSK-20450-50RB#0



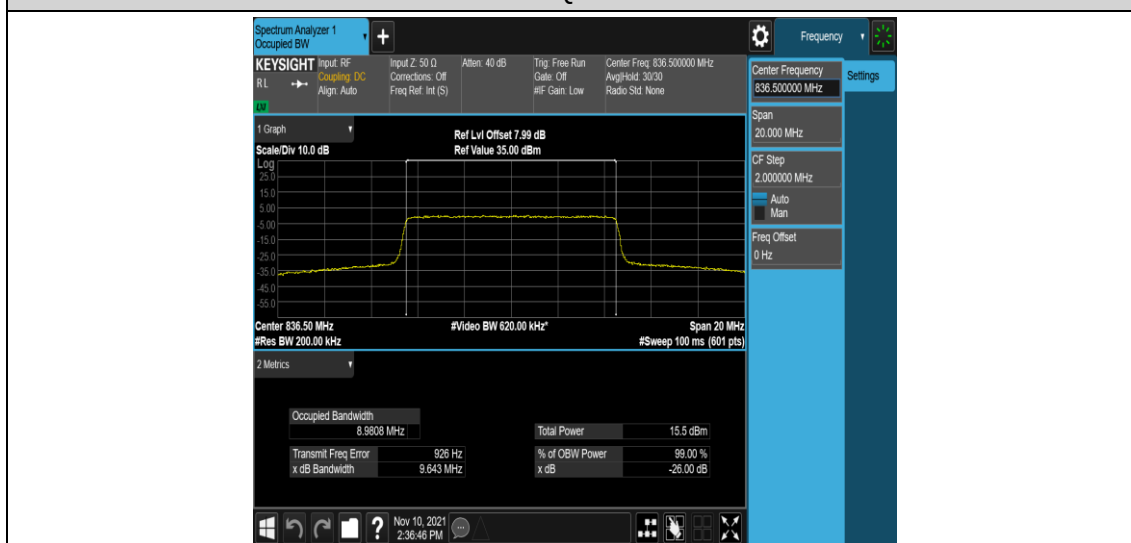
Band5-10MHz-QPSK-20525-50RB#0



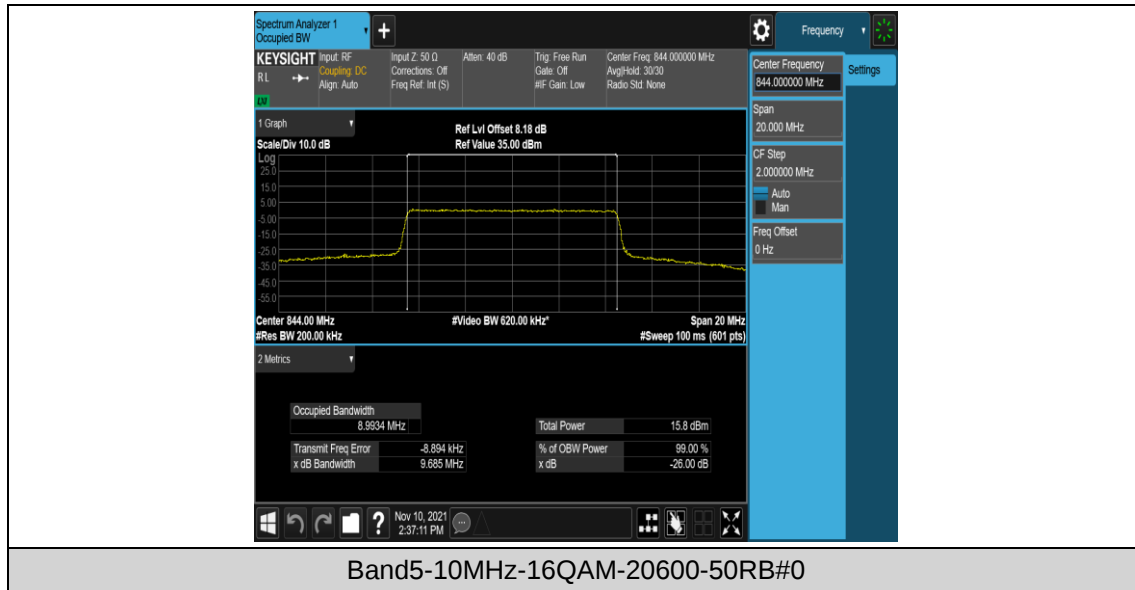
Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-50RB#0



Band5-10MHz-16QAM-20525-50RB#0



## Appendix D: Band Edge

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Verdict |
|-------|-----------|------------|---------|------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#14           | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#14           | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#24           | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#24           | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#24           | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#0            | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#24           | PASS    |