

## **Appendix for Band 5**

Product Name: Rugged Phone  
Model No: MDT661

## Appendix A: Average Power Output Data

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 22.76       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#2            | 22.84       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#5            | 22.73       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#0            | 22.81       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#1            | 22.82       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 3RB#3            | 22.79       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 21.89       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 23.03       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#2            | 23.13       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#5            | 23.06       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#0            | 23.11       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#1            | 23.08       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 3RB#3            | 23.17       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 22.08       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 22.97       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#2            | 23.11       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | 22.95       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#0            | 23.18       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#1            | 23.20       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 3RB#3            | 23.13       | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 22.04       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 21.74       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#2            | 21.88       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#5            | 21.68       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#0            | 21.62       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#1            | 21.64       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 3RB#3            | 21.63       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 20.88       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 21.93       | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#2            | 21.98       | PASS    |

|       |        |       |       |        |       |      |
|-------|--------|-------|-------|--------|-------|------|
| Band5 | 1.4MHz | 16QAM | 20525 | 1RB#5  | 21.88 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#0  | 21.86 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#1  | 21.91 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 3RB#3  | 21.85 | PASS |
| Band5 | 1.4MHz | 16QAM | 20525 | 6RB#0  | 20.96 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#0  | 21.94 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#2  | 22.15 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 1RB#5  | 21.95 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#0  | 21.99 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#1  | 21.98 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 3RB#3  | 21.99 | PASS |
| Band5 | 1.4MHz | 16QAM | 20643 | 6RB#0  | 21.13 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#0  | 23.39 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#8  | 23.42 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 1RB#14 | 23.46 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#0  | 22.43 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#4  | 22.43 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 8RB#7  | 22.41 | PASS |
| Band5 | 3MHz   | QPSK  | 20415 | 15RB#0 | 22.38 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#0  | 23.69 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#8  | 23.51 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 1RB#14 | 23.29 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#0  | 22.67 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#4  | 22.58 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 8RB#7  | 22.64 | PASS |
| Band5 | 3MHz   | QPSK  | 20525 | 15RB#0 | 22.52 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#0  | 23.21 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#8  | 23.12 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 1RB#14 | 23.15 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#0  | 22.18 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#4  | 22.16 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 8RB#7  | 22.12 | PASS |
| Band5 | 3MHz   | QPSK  | 20635 | 15RB#0 | 22.14 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#0  | 22.43 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#8  | 22.38 | PASS |
| Band5 | 3MHz   | 16QAM | 20415 | 1RB#14 | 22.47 | PASS |

|       |      |       |       |         |       |      |
|-------|------|-------|-------|---------|-------|------|
| Band5 | 3MHz | 16QAM | 20415 | 8RB#0   | 21.50 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#4   | 21.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 8RB#7   | 21.45 | PASS |
| Band5 | 3MHz | 16QAM | 20415 | 15RB#0  | 21.33 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#0   | 22.53 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#8   | 22.19 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 1RB#14  | 22.00 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#0   | 21.58 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#4   | 21.63 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 8RB#7   | 21.56 | PASS |
| Band5 | 3MHz | 16QAM | 20525 | 15RB#0  | 21.09 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#0   | 22.31 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#8   | 22.23 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 1RB#14  | 22.23 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#0   | 21.25 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#4   | 21.30 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 8RB#7   | 21.24 | PASS |
| Band5 | 3MHz | 16QAM | 20635 | 15RB#0  | 21.28 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#0   | 23.39 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#12  | 23.51 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 1RB#24  | 22.97 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#0  | 21.94 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#6  | 21.98 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 12RB#13 | 22.00 | PASS |
| Band5 | 5MHz | QPSK  | 20425 | 25RB#0  | 22.00 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#0   | 23.03 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#12  | 23.18 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 1RB#24  | 23.07 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#0  | 22.20 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#6  | 22.14 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 12RB#13 | 22.10 | PASS |
| Band5 | 5MHz | QPSK  | 20525 | 25RB#0  | 22.18 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#0   | 23.18 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#12  | 23.26 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 1RB#24  | 23.16 | PASS |
| Band5 | 5MHz | QPSK  | 20625 | 12RB#0  | 22.25 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#6  | 22.30 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 12RB#13 | 22.18 | PASS |
| Band5 | 5MHz  | QPSK  | 20625 | 25RB#0  | 22.25 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#0   | 22.26 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#12  | 22.27 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 1RB#24  | 21.92 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#0  | 20.89 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#6  | 20.88 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 12RB#13 | 20.96 | PASS |
| Band5 | 5MHz  | 16QAM | 20425 | 25RB#0  | 20.98 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#0   | 22.13 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#12  | 22.21 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 1RB#24  | 22.15 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#0  | 21.21 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#6  | 21.20 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 12RB#13 | 21.13 | PASS |
| Band5 | 5MHz  | 16QAM | 20525 | 25RB#0  | 21.17 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0   | 22.17 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#12  | 22.24 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#24  | 22.09 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#0  | 21.28 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#6  | 21.29 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 12RB#13 | 21.15 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0  | 21.28 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0   | 23.42 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#24  | 23.59 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#49  | 23.49 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#0  | 22.00 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#12 | 22.03 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 25RB#25 | 22.19 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0  | 22.07 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0   | 23.12 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#24  | 23.31 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#49  | 23.21 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#0  | 22.25 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 25RB#12 | 22.19 | PASS |

|       |       |       |       |         |       |      |
|-------|-------|-------|-------|---------|-------|------|
| Band5 | 10MHz | QPSK  | 20525 | 25RB#25 | 22.21 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0  | 22.18 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0   | 23.70 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#24  | 23.57 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#49  | 23.42 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#0  | 22.38 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#12 | 22.35 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 25RB#25 | 22.15 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0  | 22.28 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0   | 22.41 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#24  | 22.58 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#49  | 22.24 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#0  | 21.01 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#12 | 20.95 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 25RB#25 | 21.18 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0  | 21.07 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0   | 21.99 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#24  | 22.09 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#49  | 22.09 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#0  | 21.20 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#12 | 21.23 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 25RB#25 | 21.22 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0  | 21.18 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0   | 22.27 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#24  | 22.34 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#49  | 22.22 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#0  | 21.39 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#12 | 21.39 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 25RB#25 | 21.21 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0  | 21.29 | PASS |

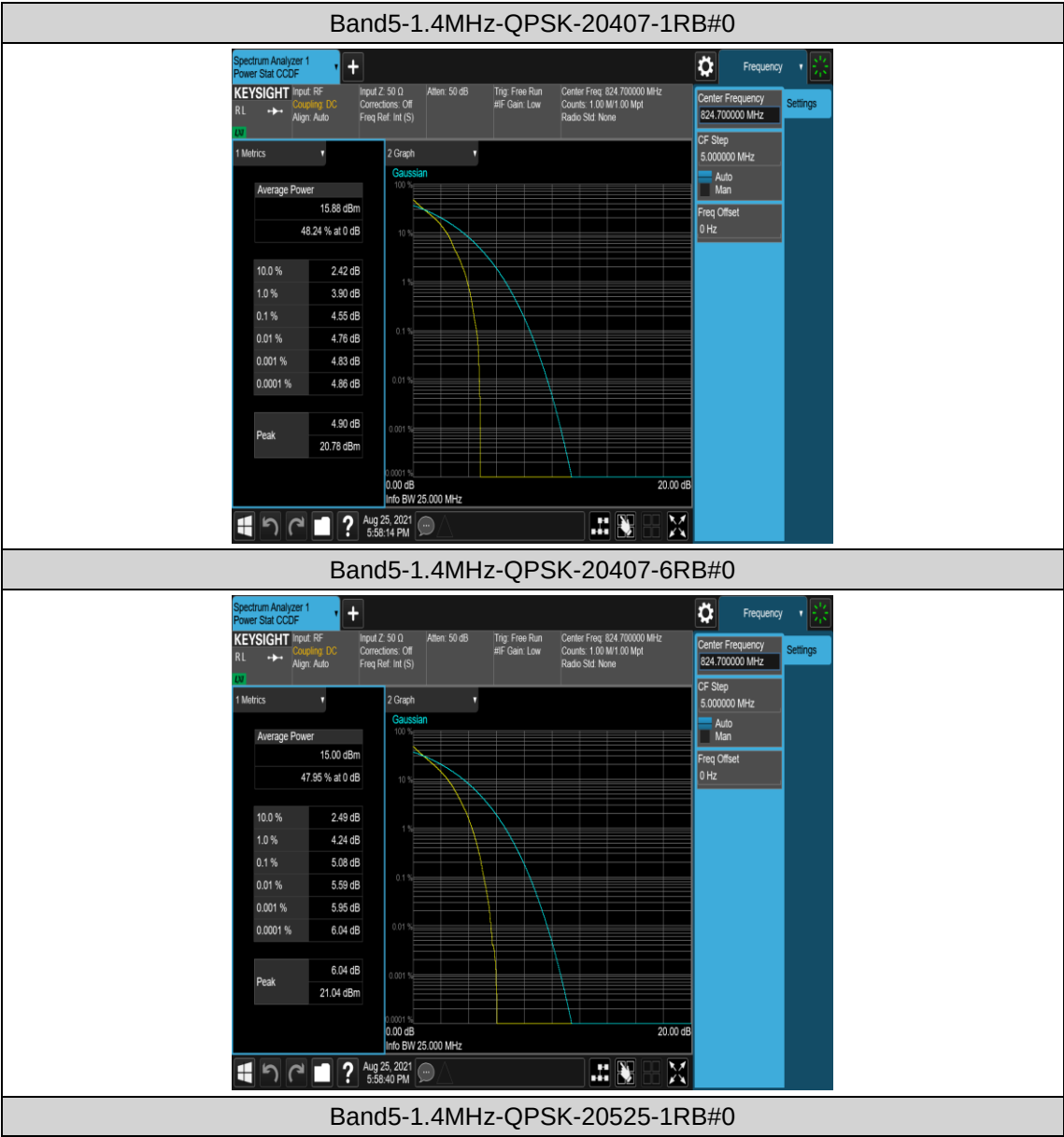
## Appendix B: Peak-to-Average Ratio(CCDF)

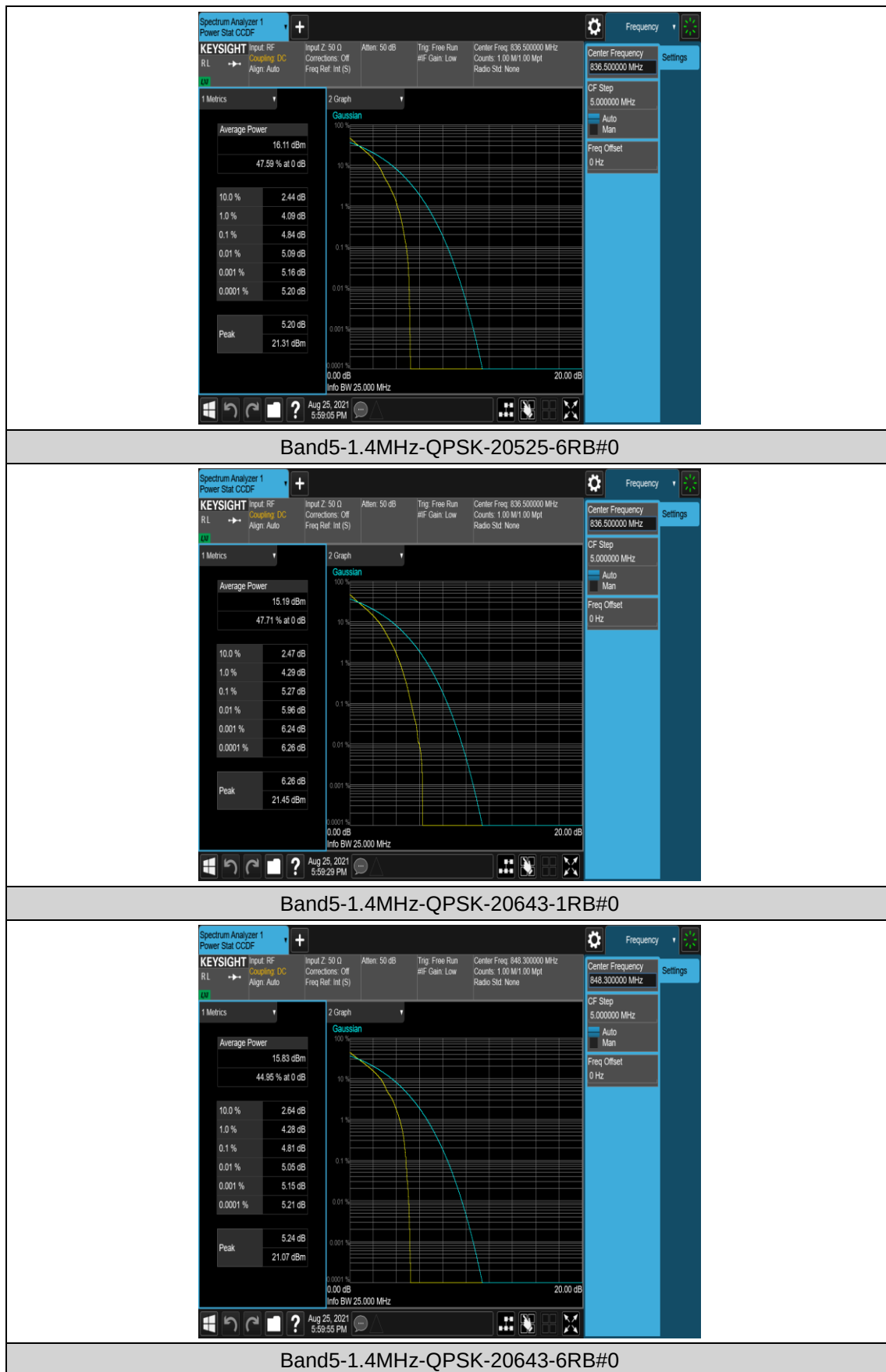
### Test Result

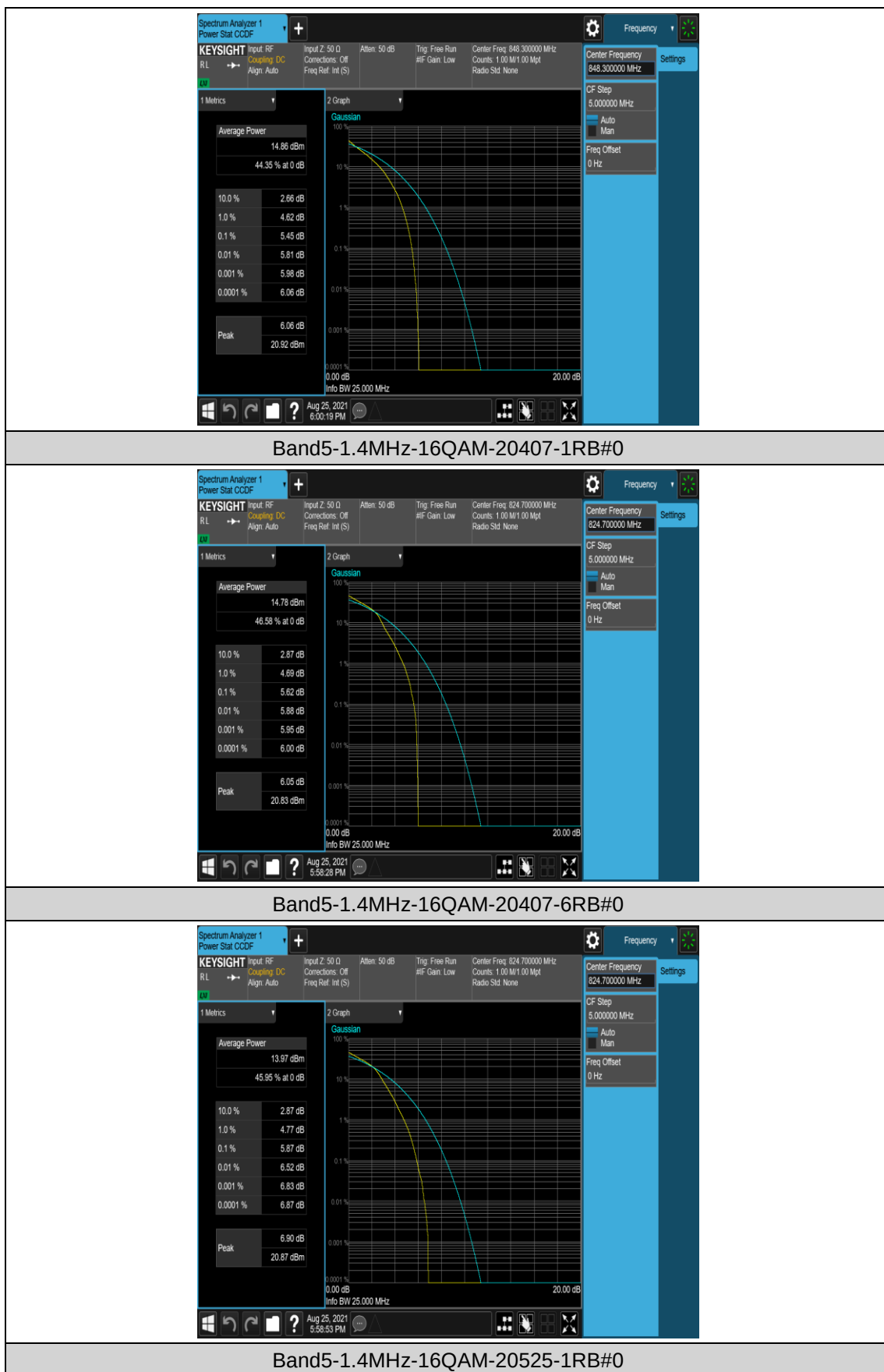
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | 4.55       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 5.08       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 1RB#0            | 4.84       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 5.27       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#0            | 4.81       | 13        | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 5.45       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | 5.62       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 5.87       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 1RB#0            | 5.82       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 6.05       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#0            | 5.69       | 13        | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 6.30       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | 4.50       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 5.17       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 1RB#0            | 4.95       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 5.29       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#0            | 4.87       | 13        | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 5.52       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | 5.32       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 5.98       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 1RB#0            | 5.76       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 6.04       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#0            | 5.66       | 13        | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 6.34       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | 4.62       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 5.38       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 1RB#0            | 5.18       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 5.33       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#0            | 4.86       | 13        | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 5.56       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | 5.24       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 6.10       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 1RB#0            | 5.88       | 13        | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 6.05       | 13        | PASS    |

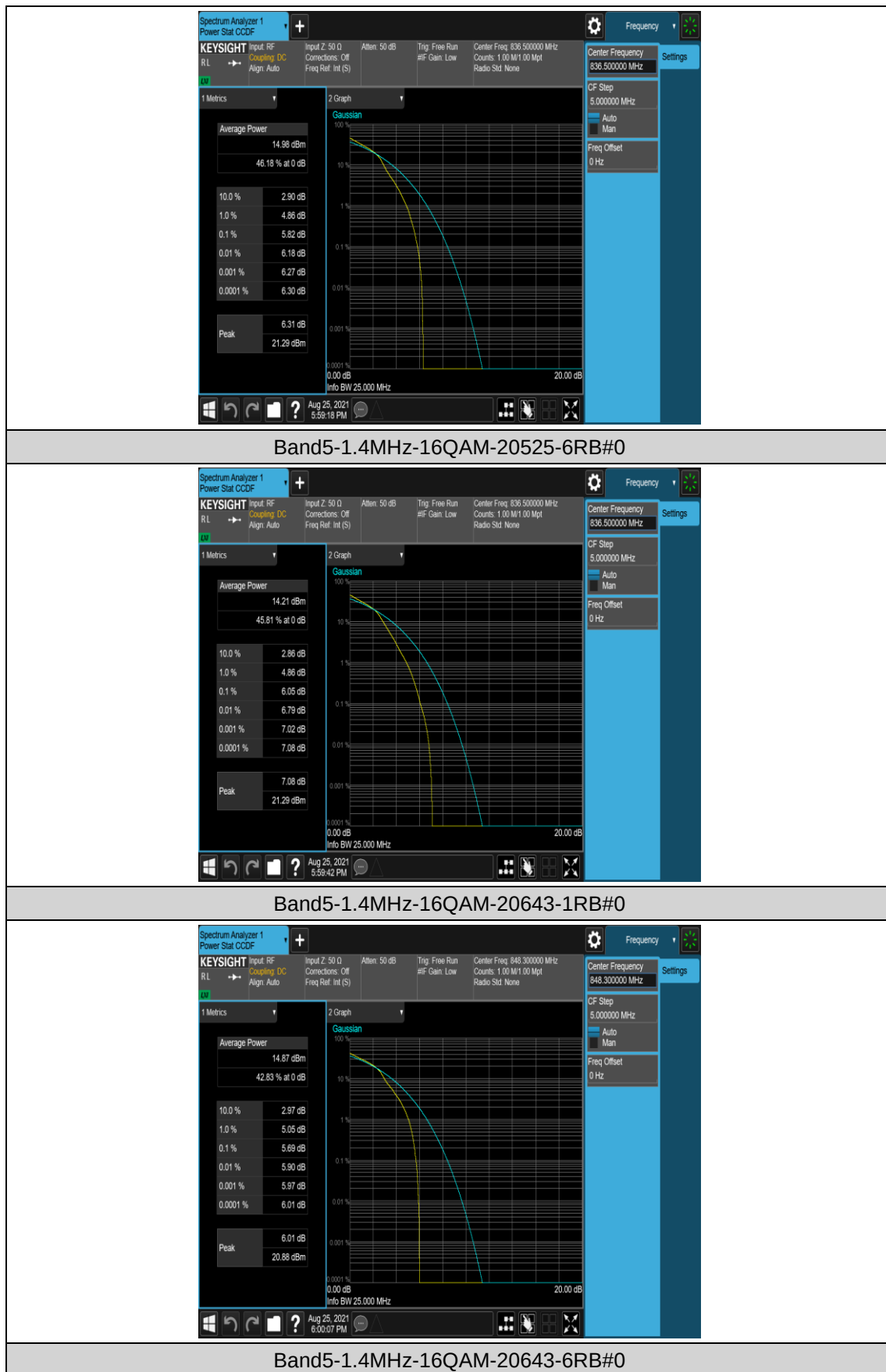
|       |       |       |       |        |      |    |      |
|-------|-------|-------|-------|--------|------|----|------|
| Band5 | 5MHz  | 16QAM | 20625 | 1RB#0  | 5.58 | 13 | PASS |
| Band5 | 5MHz  | 16QAM | 20625 | 25RB#0 | 6.33 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 1RB#0  | 4.55 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20450 | 50RB#0 | 5.50 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 1RB#0  | 5.22 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20525 | 50RB#0 | 5.33 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 1RB#0  | 4.43 | 13 | PASS |
| Band5 | 10MHz | QPSK  | 20600 | 50RB#0 | 5.40 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 1RB#0  | 5.46 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20450 | 50RB#0 | 6.25 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 1RB#0  | 6.12 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20525 | 50RB#0 | 6.11 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 1RB#0  | 5.28 | 13 | PASS |
| Band5 | 10MHz | 16QAM | 20600 | 50RB#0 | 6.19 | 13 | PASS |

Test Graphs



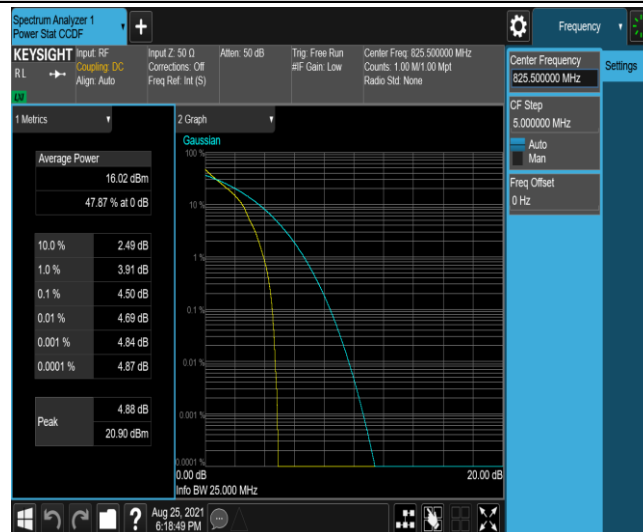




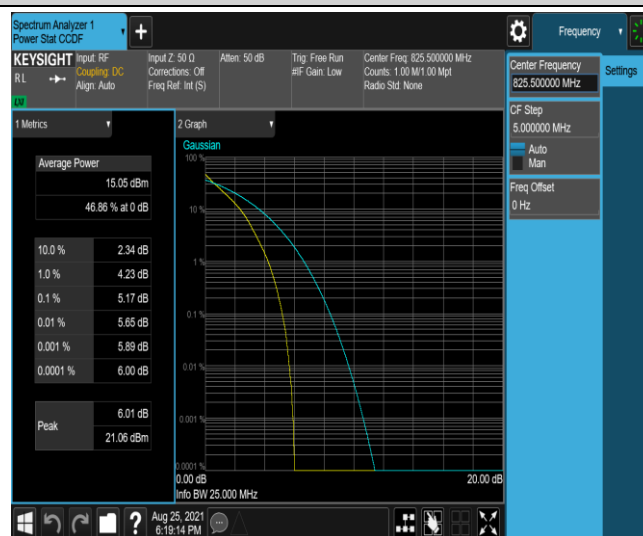




Band5-3MHz-QPSK-20415-1RB#0



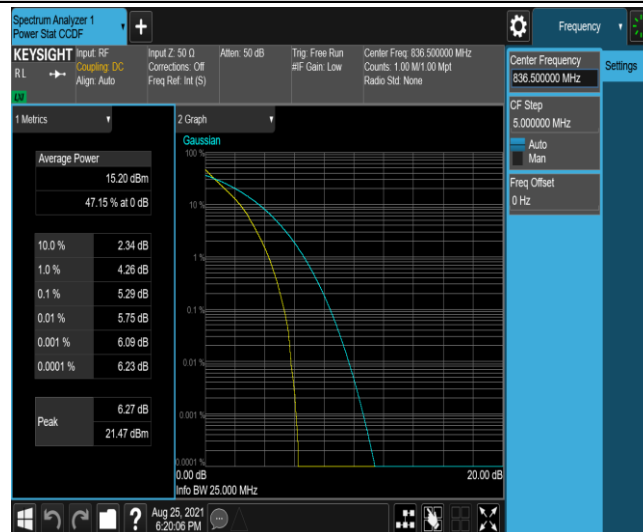
Band5-3MHz-QPSK-20415-15RB#0



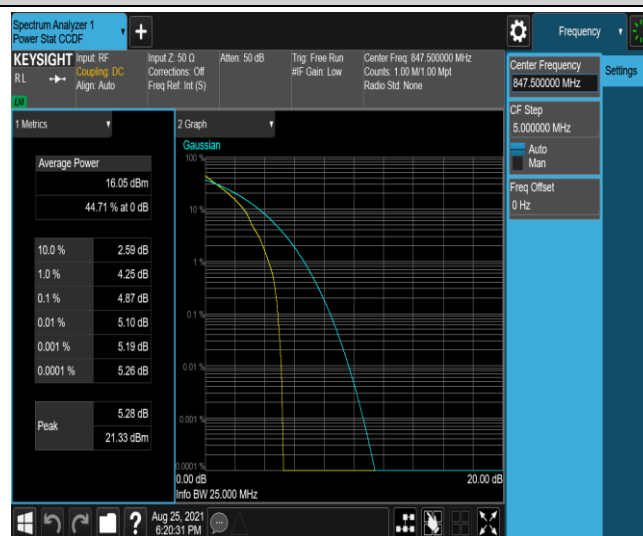
Band5-3MHz-QPSK-20525-1RB#0



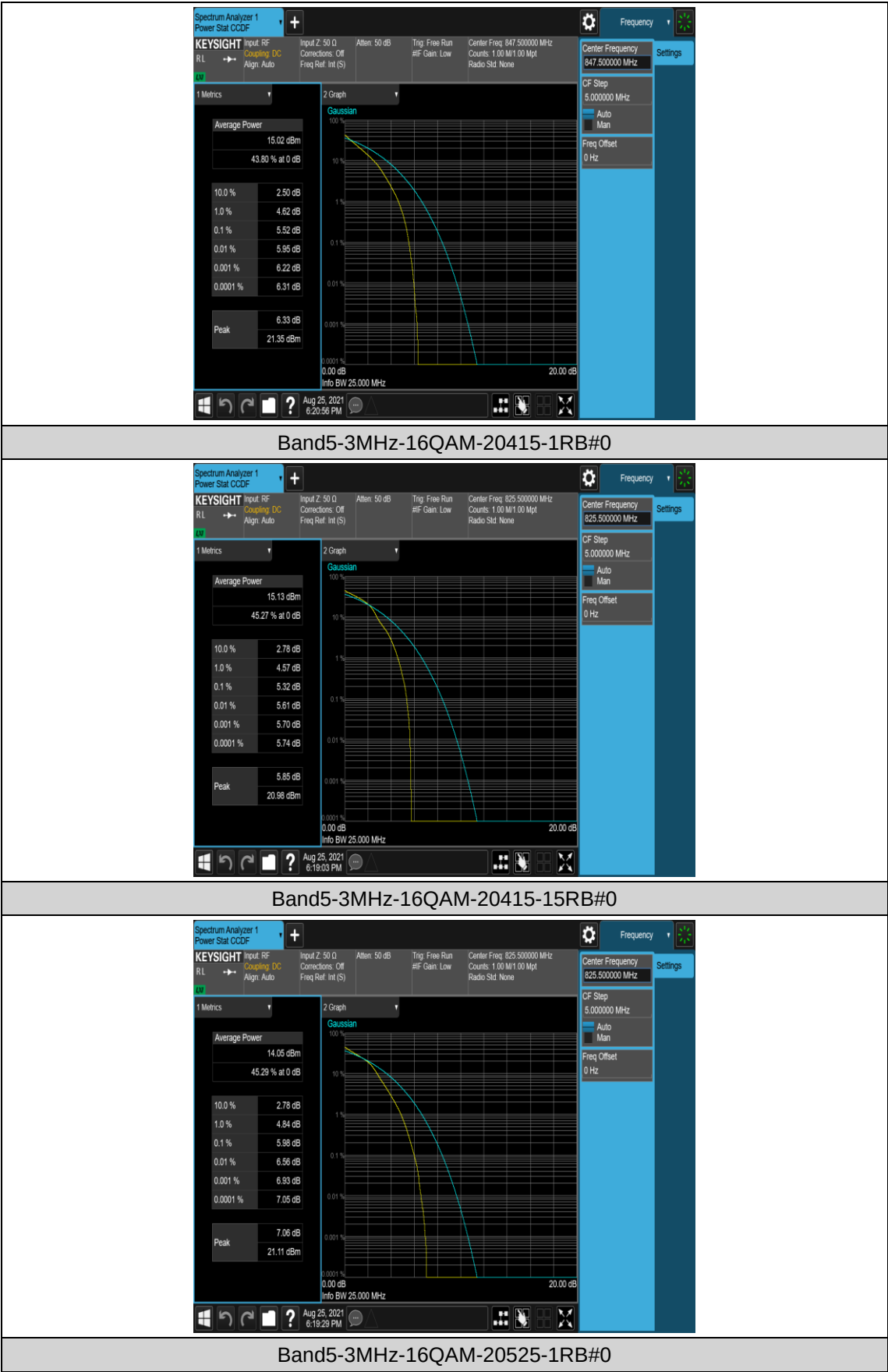
Band5-3MHz-QPSK-20525-15RB#0



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



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

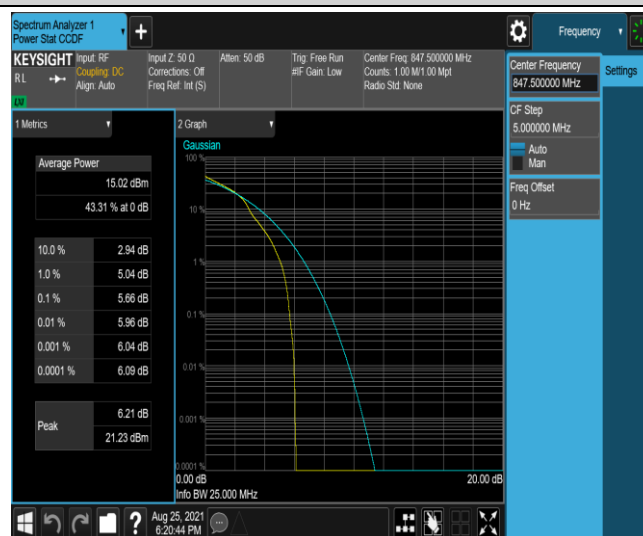




Band5-3MHz-16QAM-20525-15RB#0



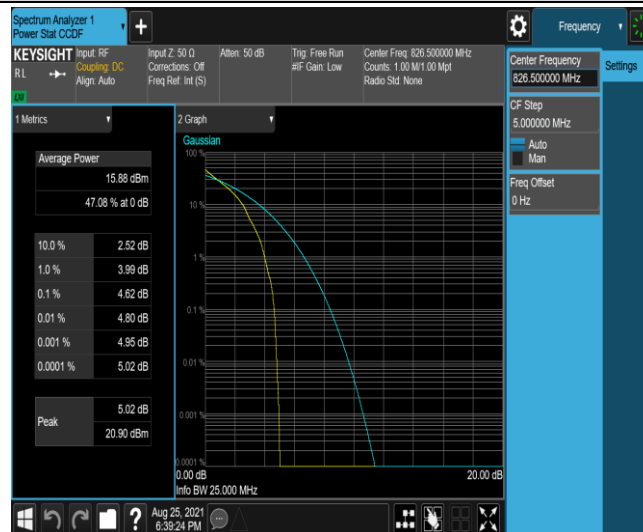
Band5-3MHz-16QAM-20635-1RB#0



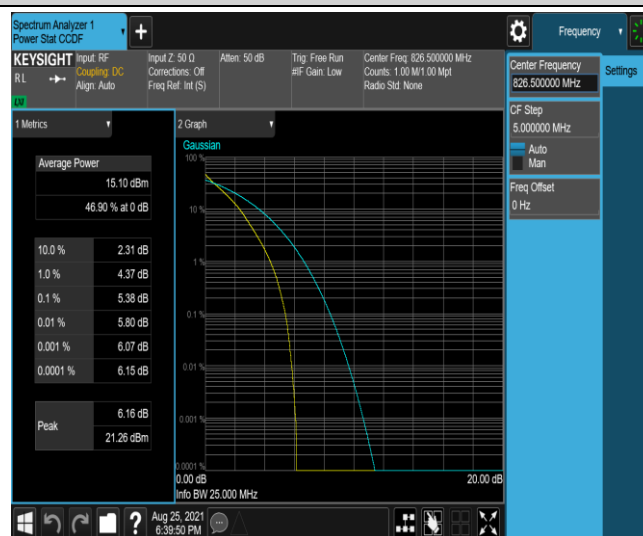
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Band5-5MHz-QPSK-20425-1RB#0



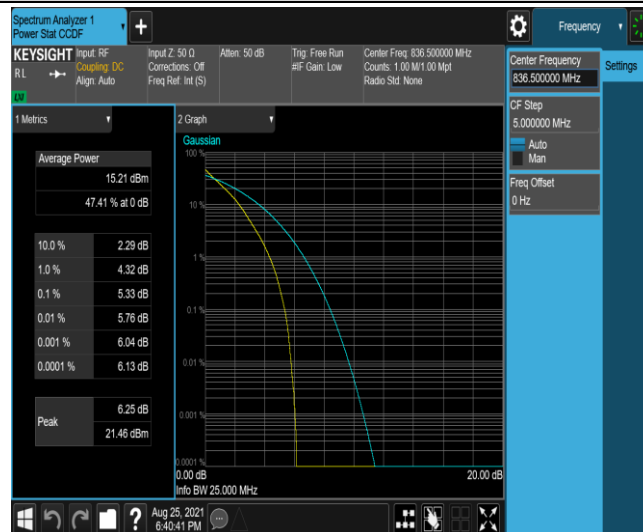
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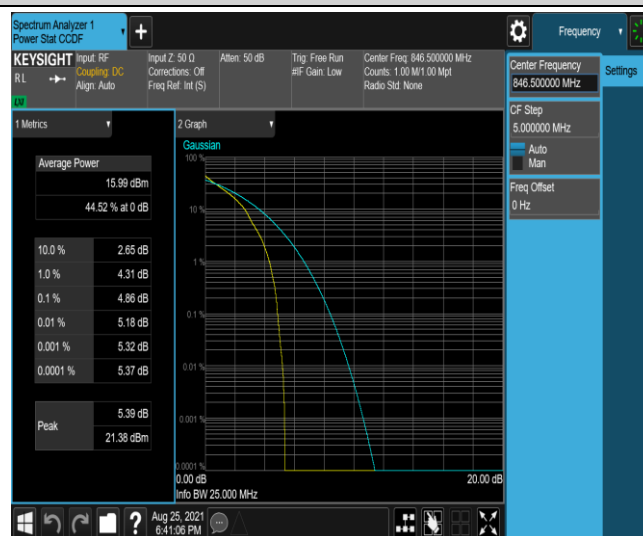
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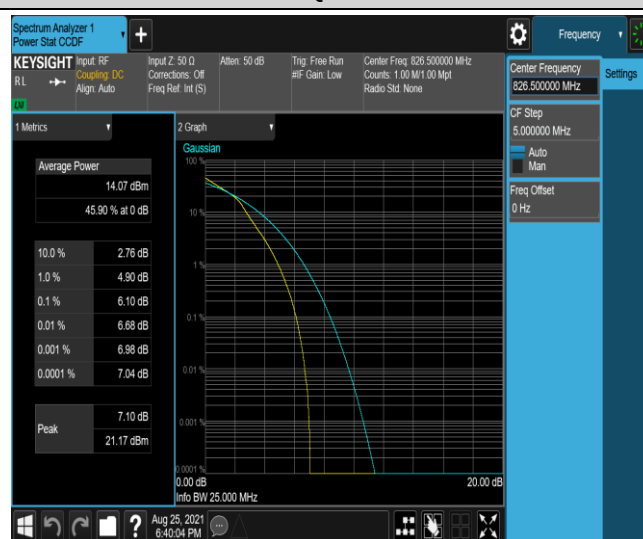
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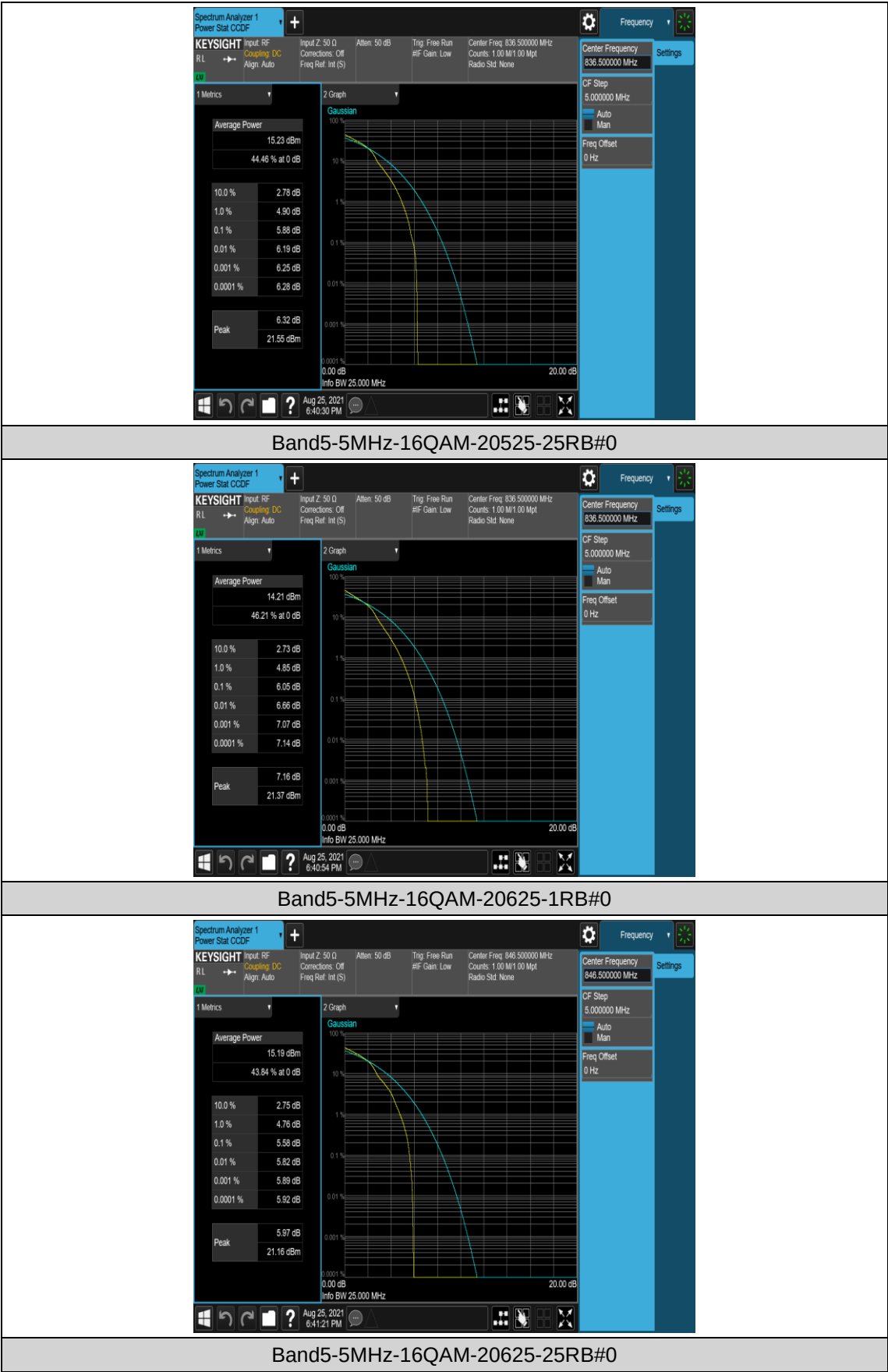


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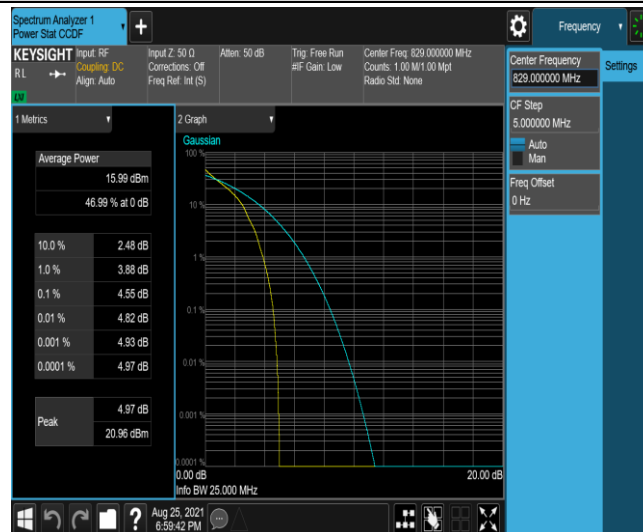
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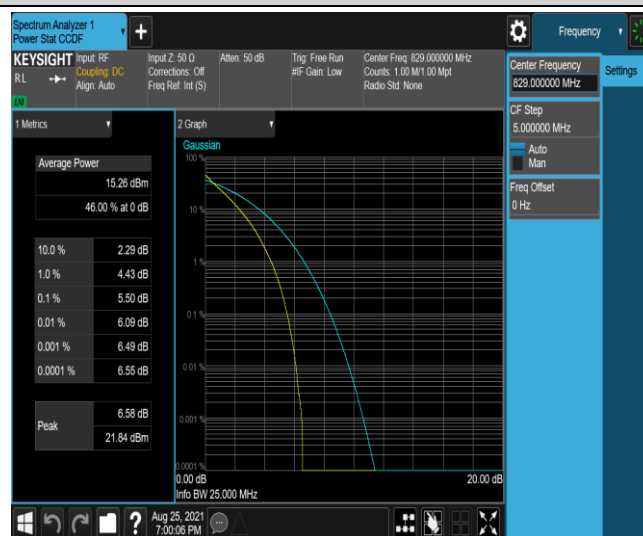




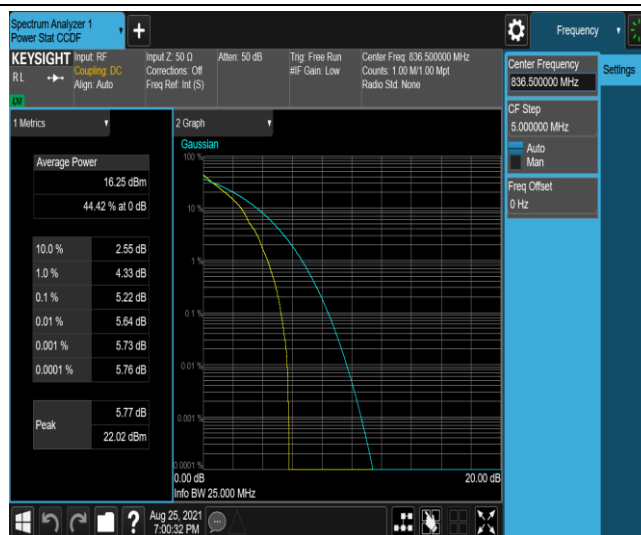
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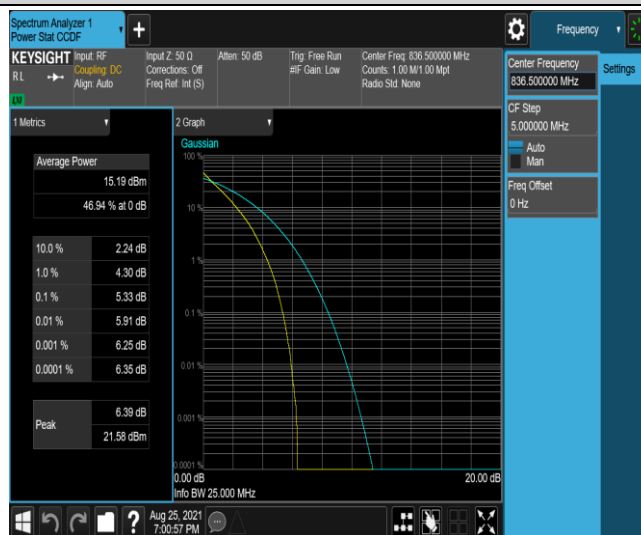
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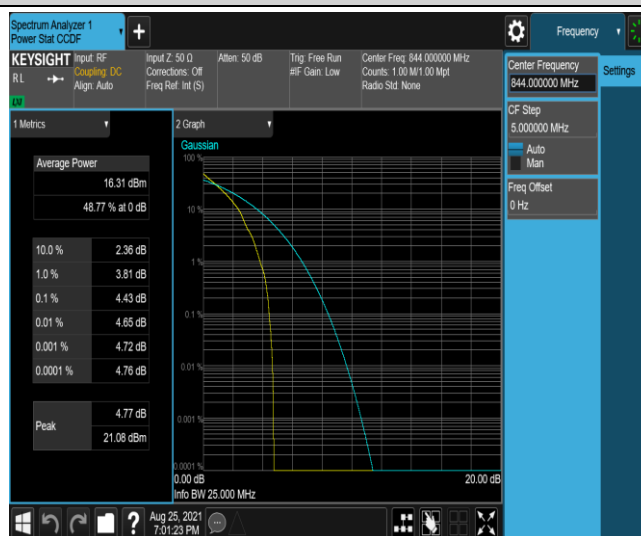
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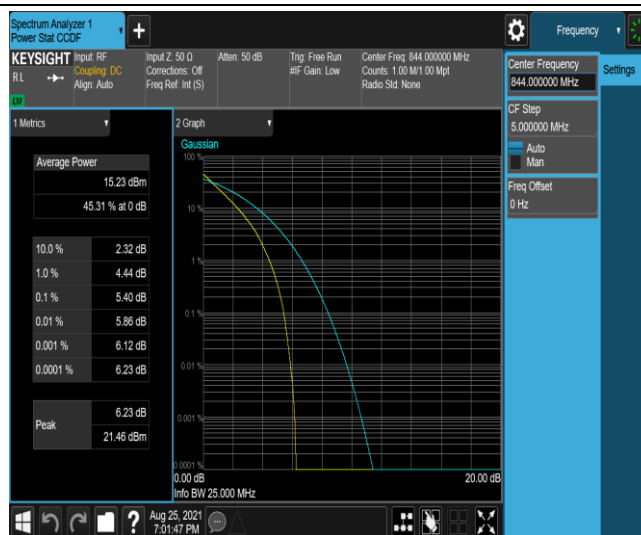
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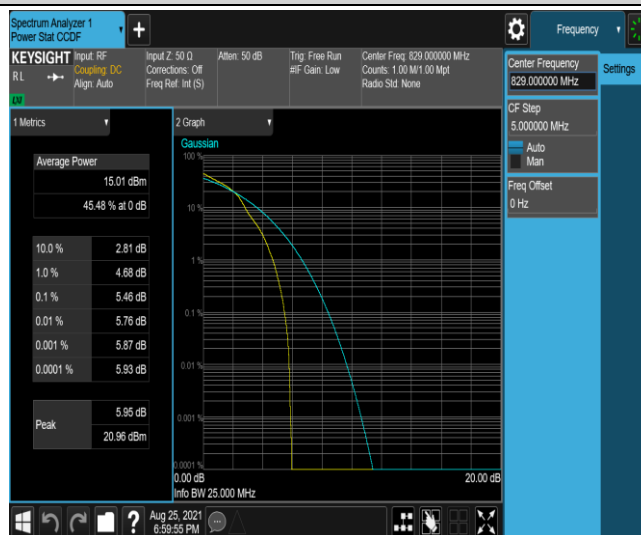
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Band5-10MHz-QPSK-20600-50RB#0



Band5-10MHz-16QAM-20450-1RB#0



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



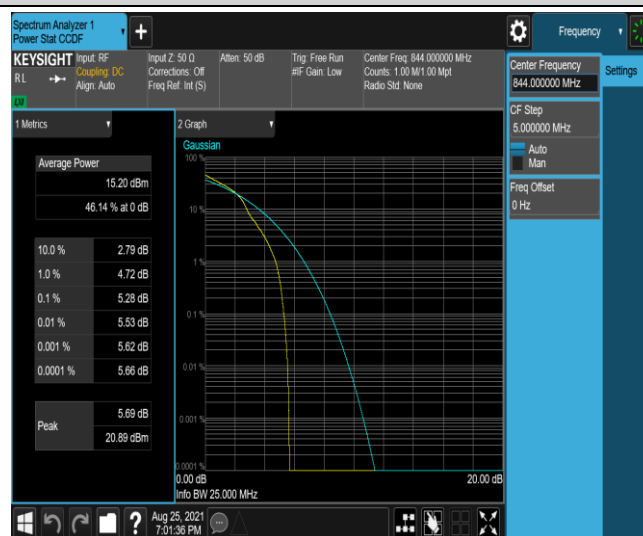
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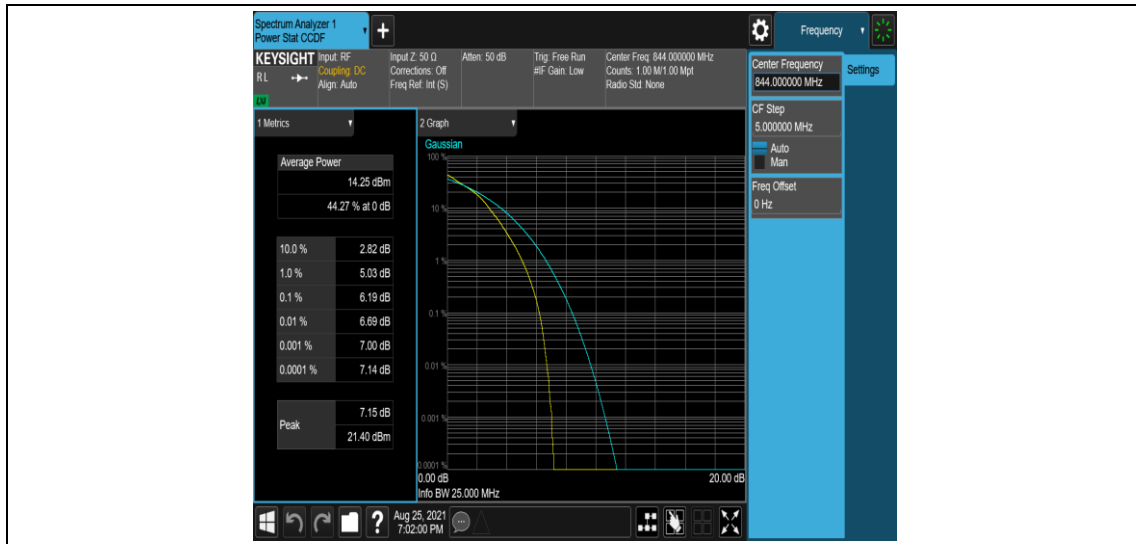
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Band5-10MHz-16QAM-20600-50RB#0

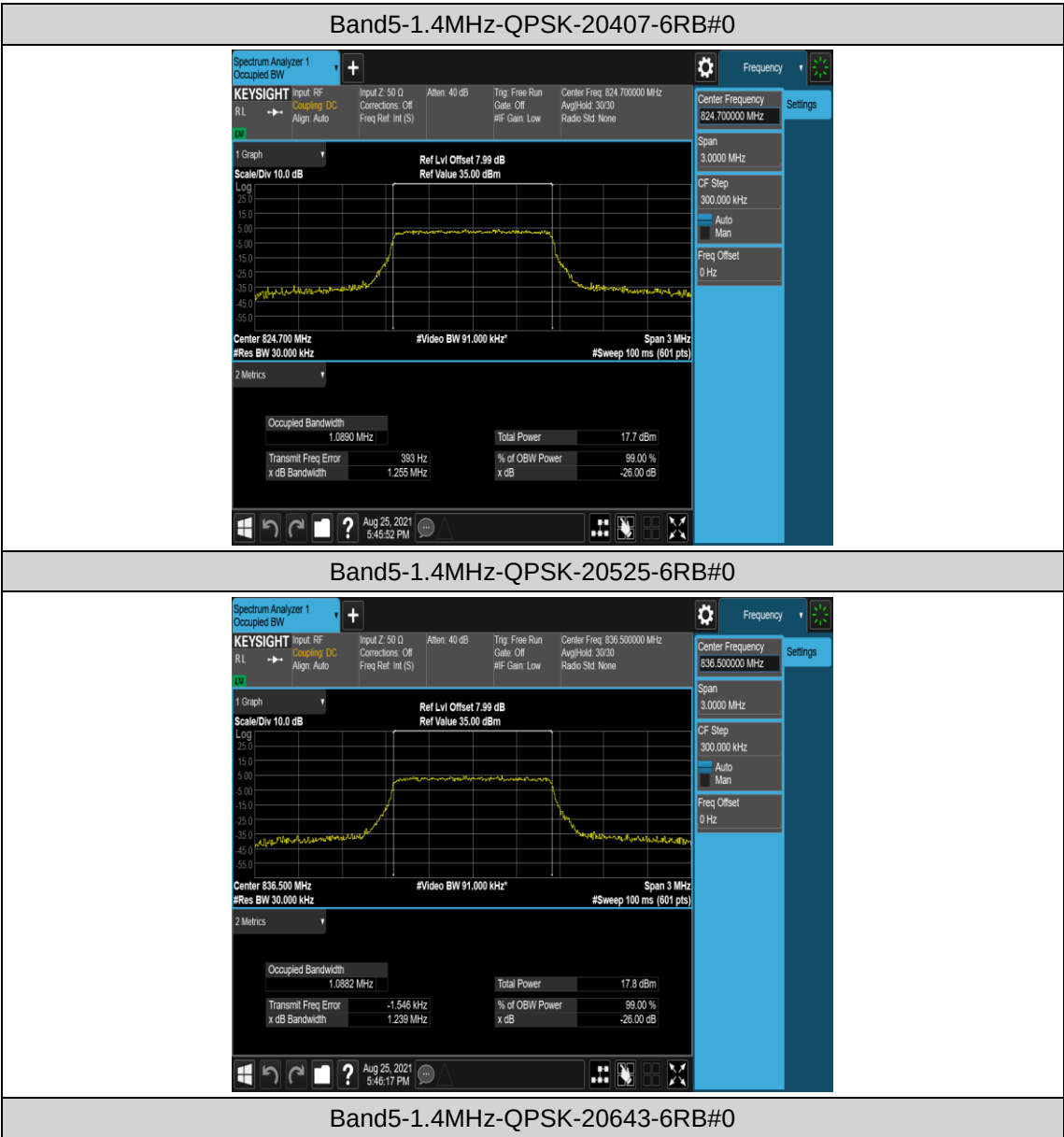


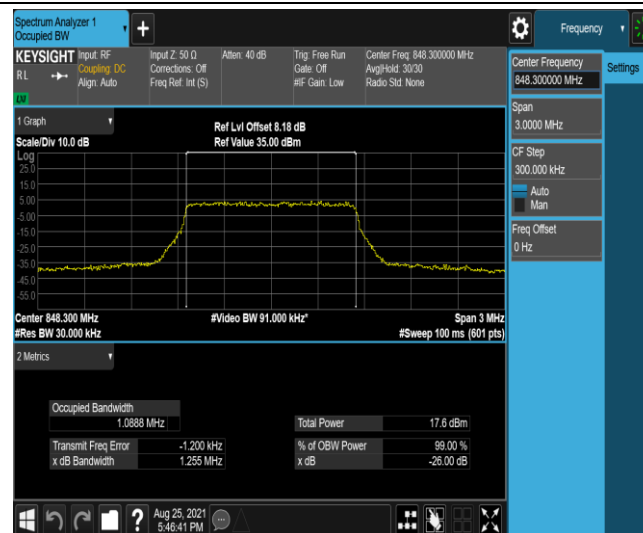
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

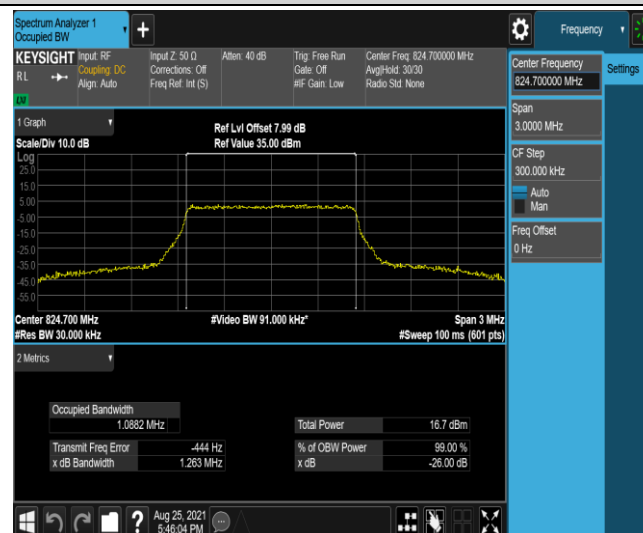
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | 1.0890                   | 1.255                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.0882                   | 1.239                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.0888                   | 1.255                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.0882                   | 1.263                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.0897                   | 1.257                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.0867                   | 1.265                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.6873                   | 2.856                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.6882                   | 2.856                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.6958                   | 2.868                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.6838                   | 2.852                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.6877                   | 2.851                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.6891                   | 2.863                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.4928                   | 4.819                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.4952                   | 4.825                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.5026                   | 4.813                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.5040                   | 4.790                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.5013                   | 4.790                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.4998                   | 4.830                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.9899                   | 9.519                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 8.9819                   | 9.522                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.9829                   | 9.497                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 8.9751                   | 9.507                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 8.9671                   | 9.505                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 8.9788                   | 9.495                | PASS    |

Test Graphs

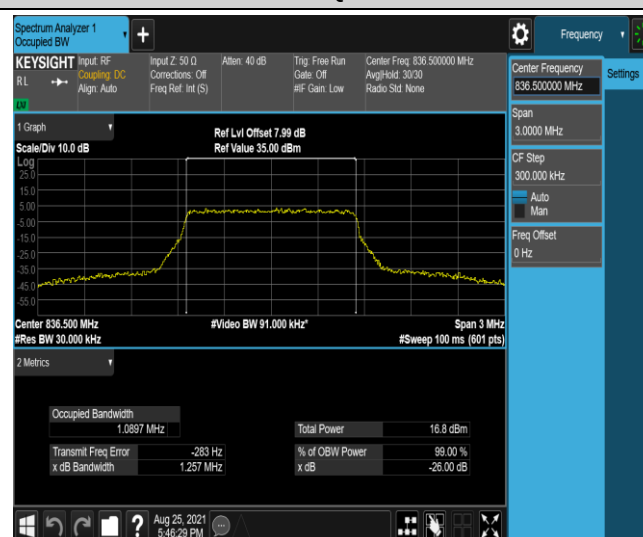




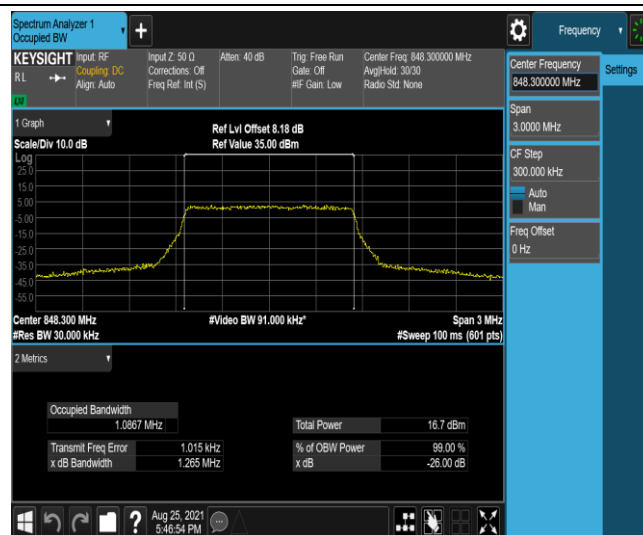
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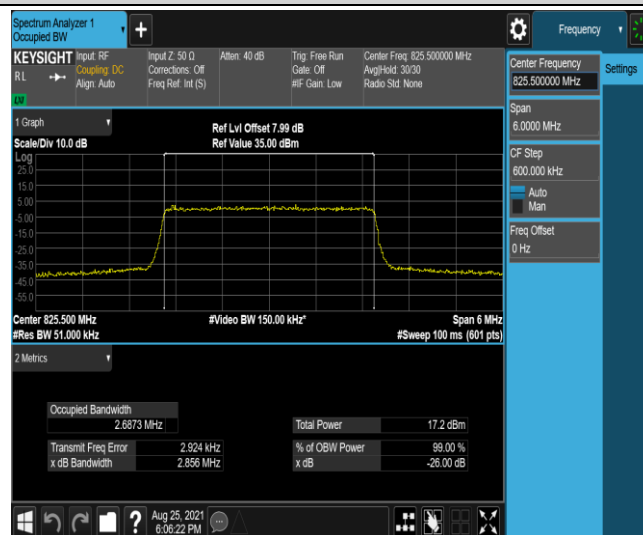
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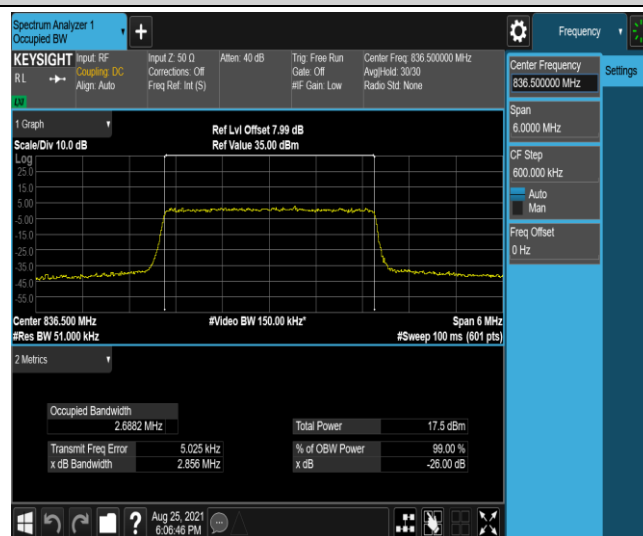
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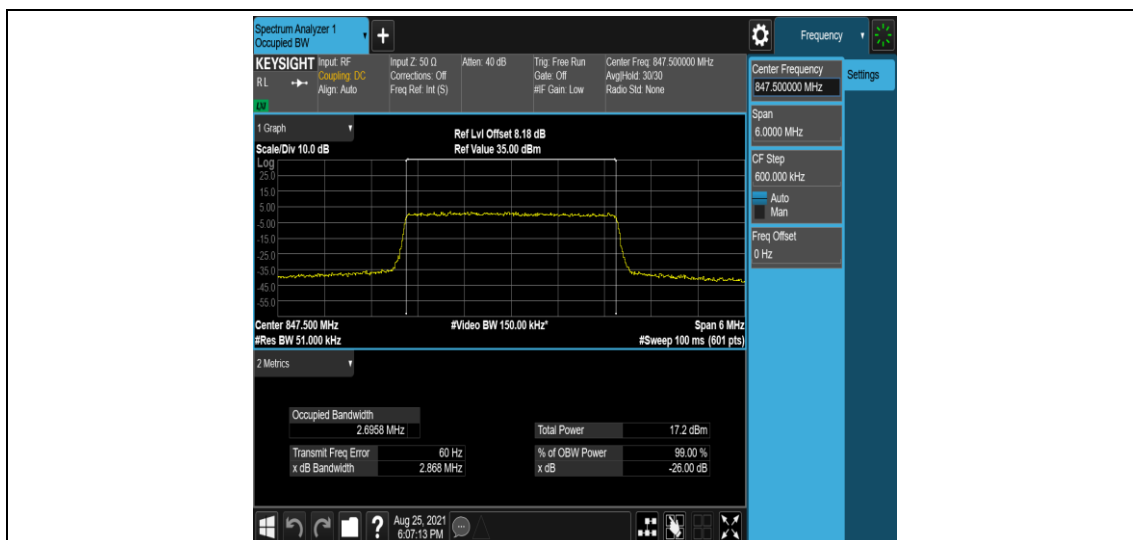
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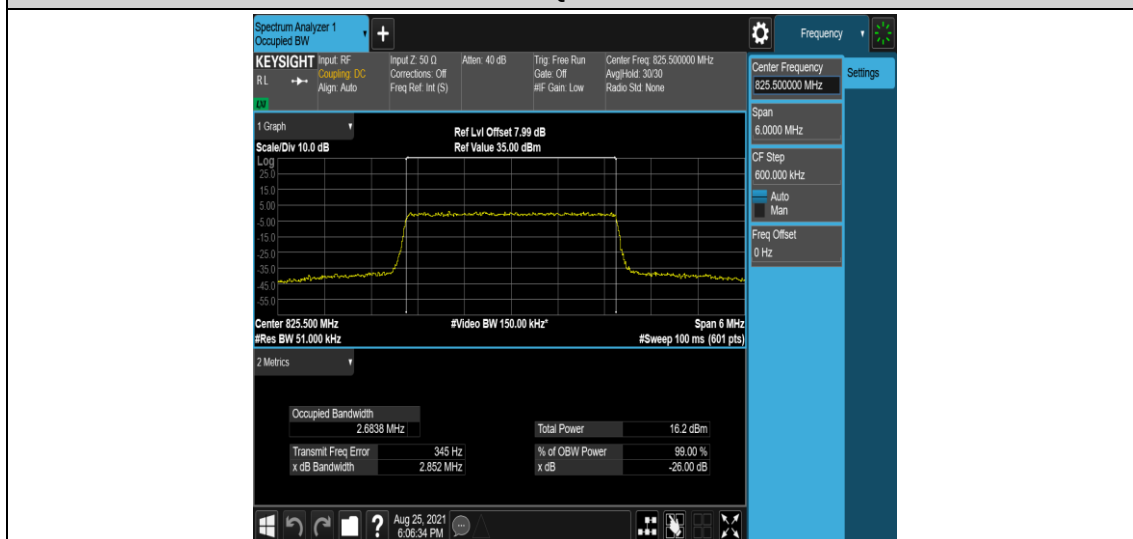
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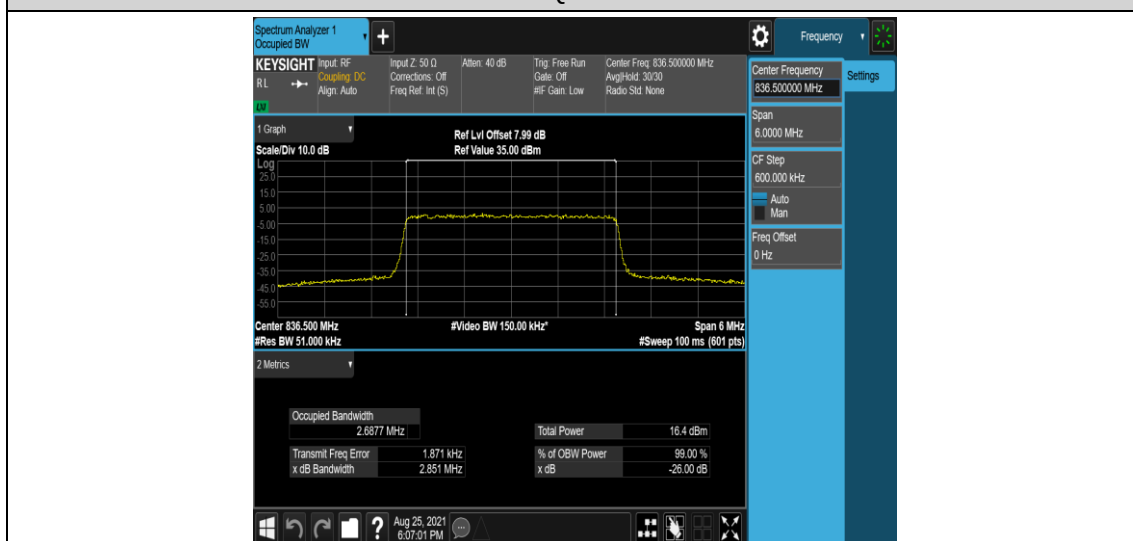
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Band5-3MHz-16QAM-20415-15RB#0



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



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