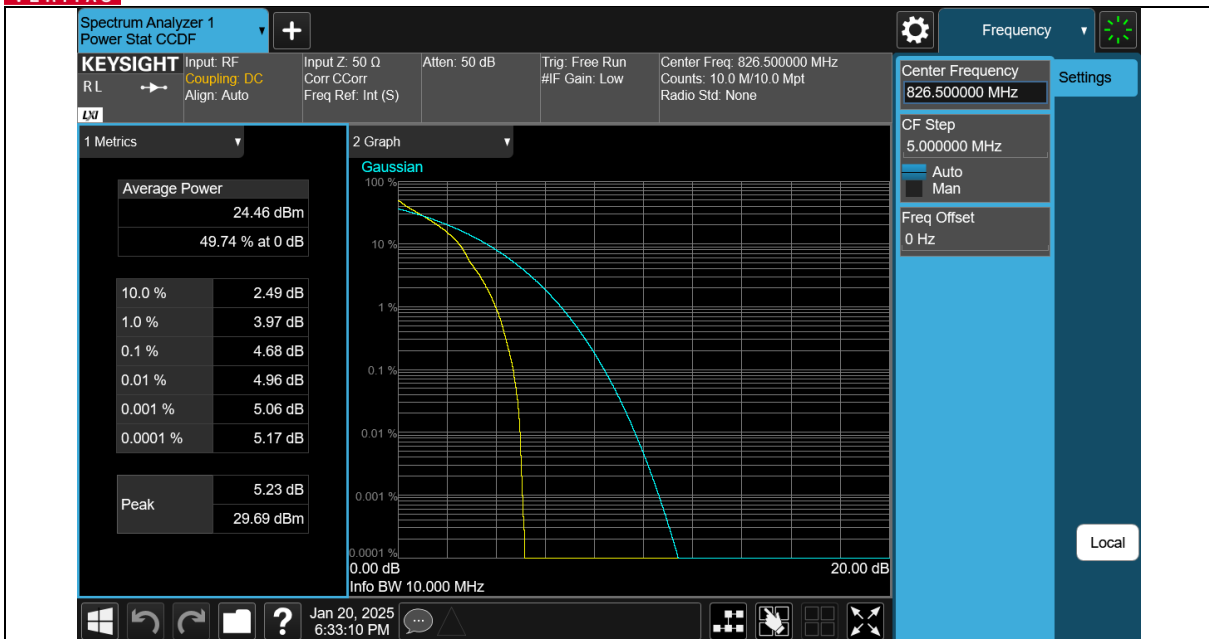
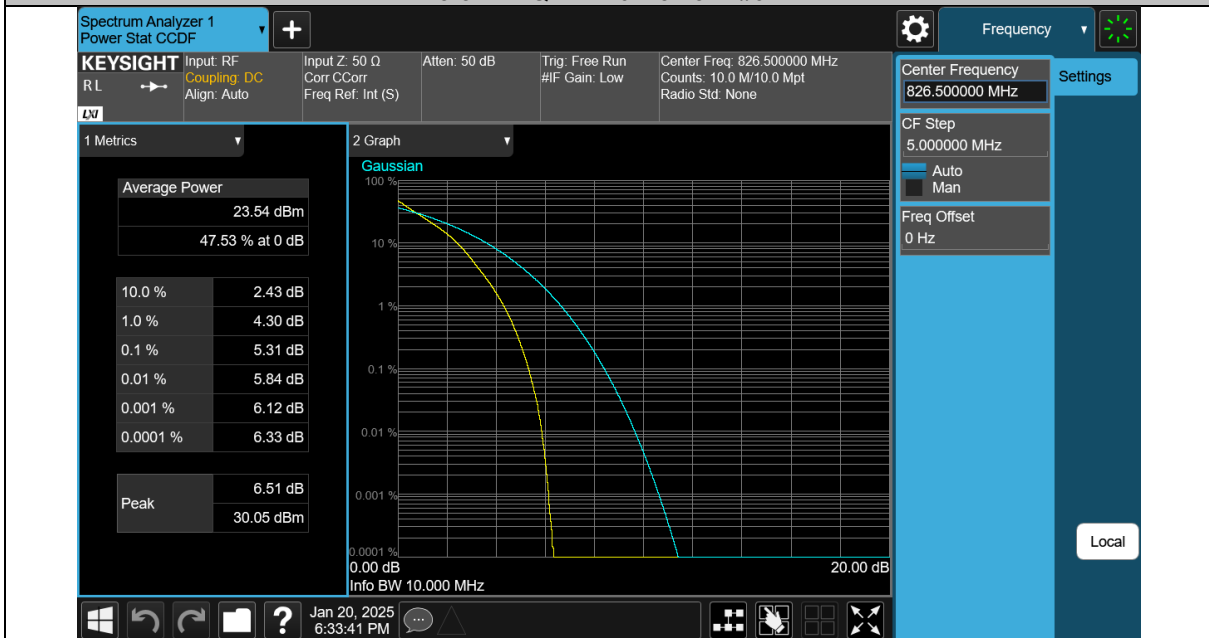




**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



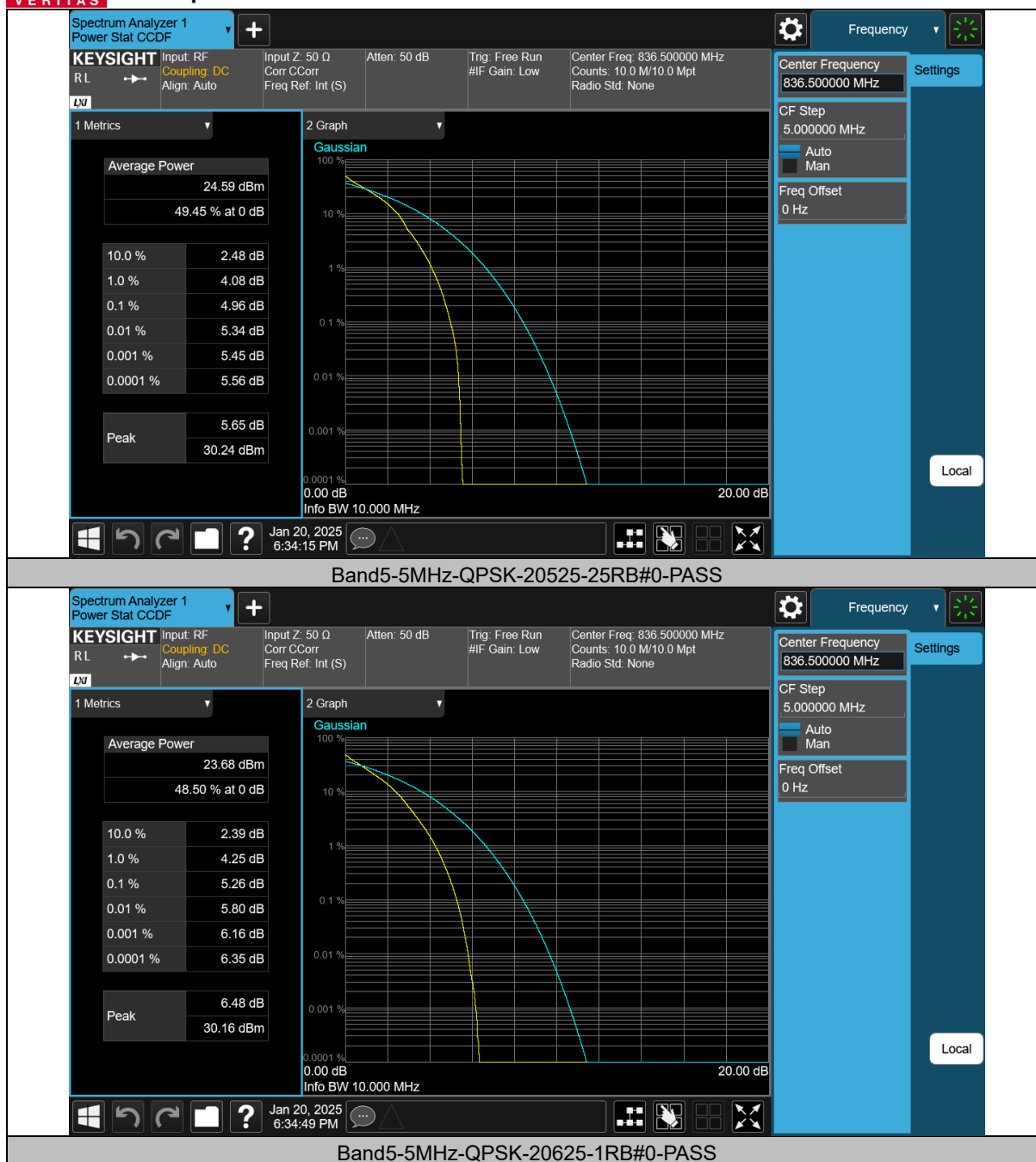
Band5-5MHz-QPSK-20425-25RB#0-PASS



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

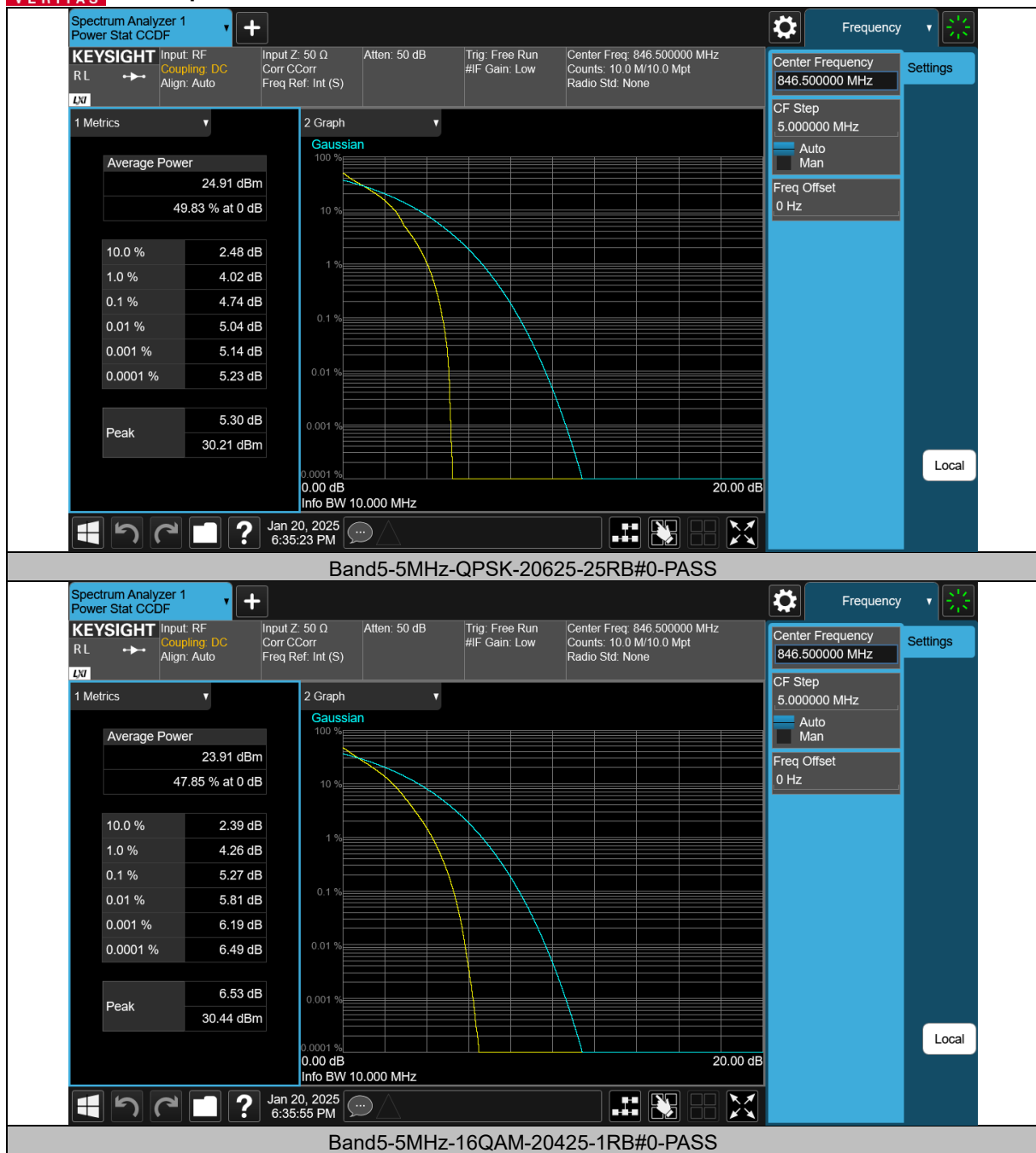


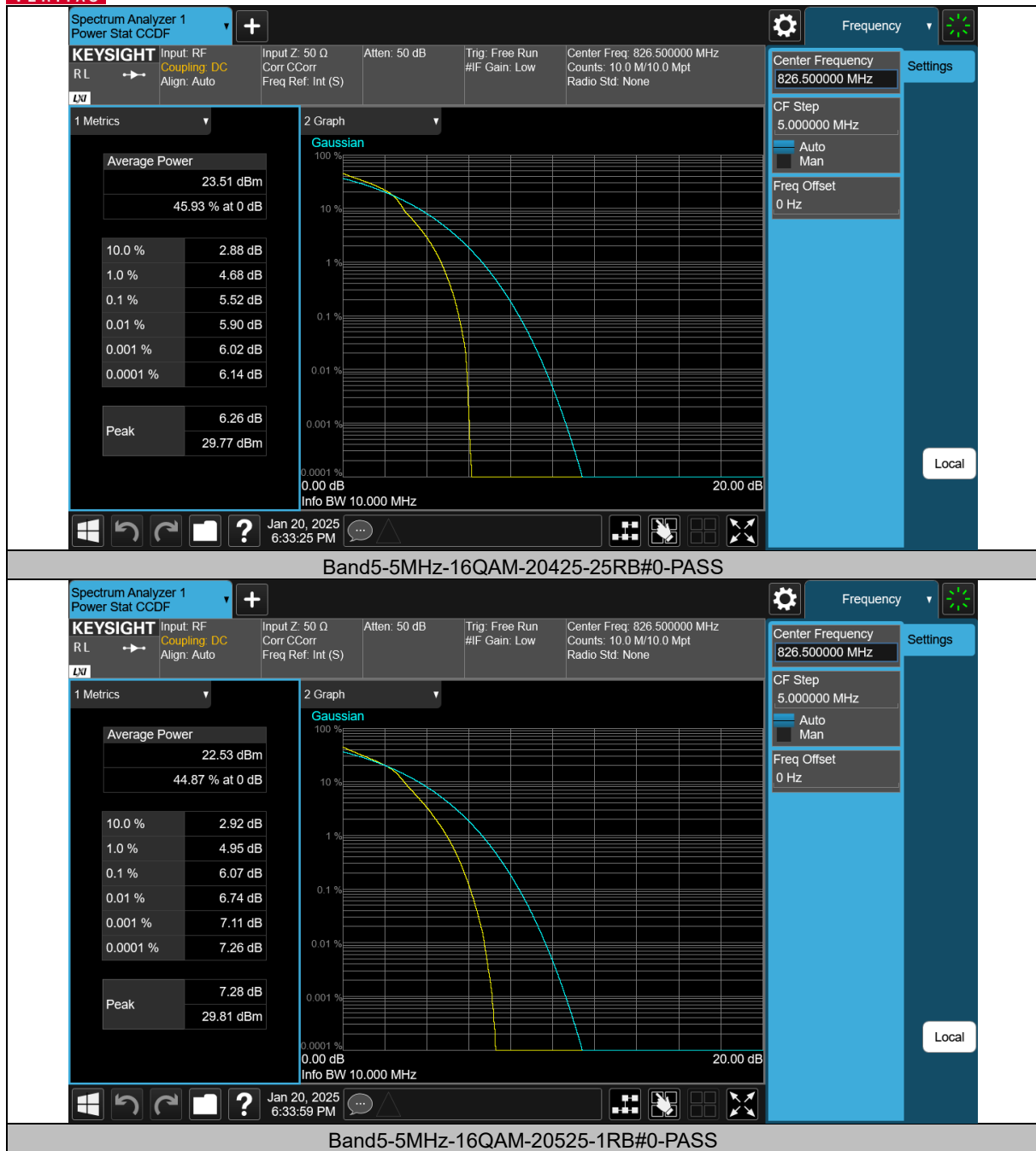
**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01





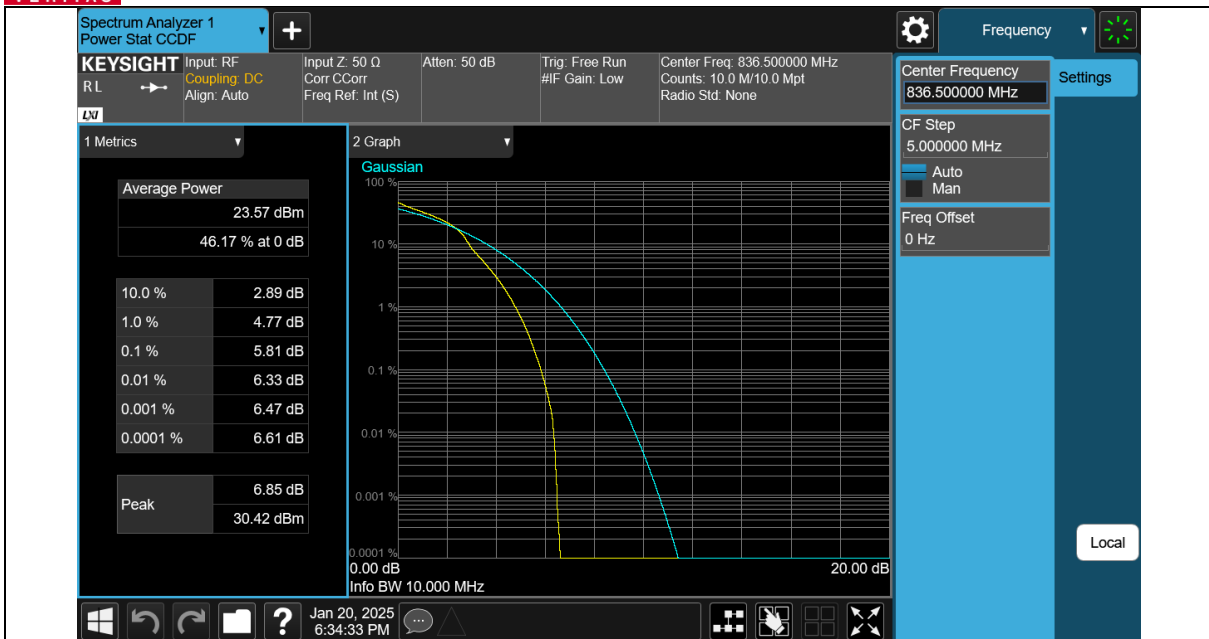
**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



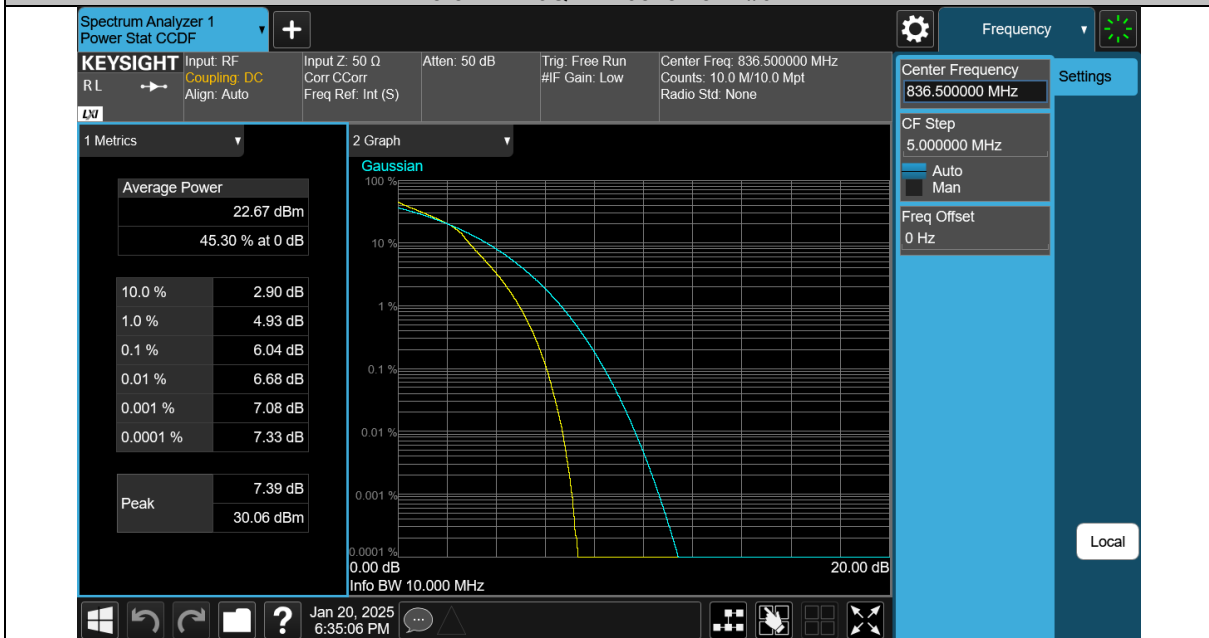




**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



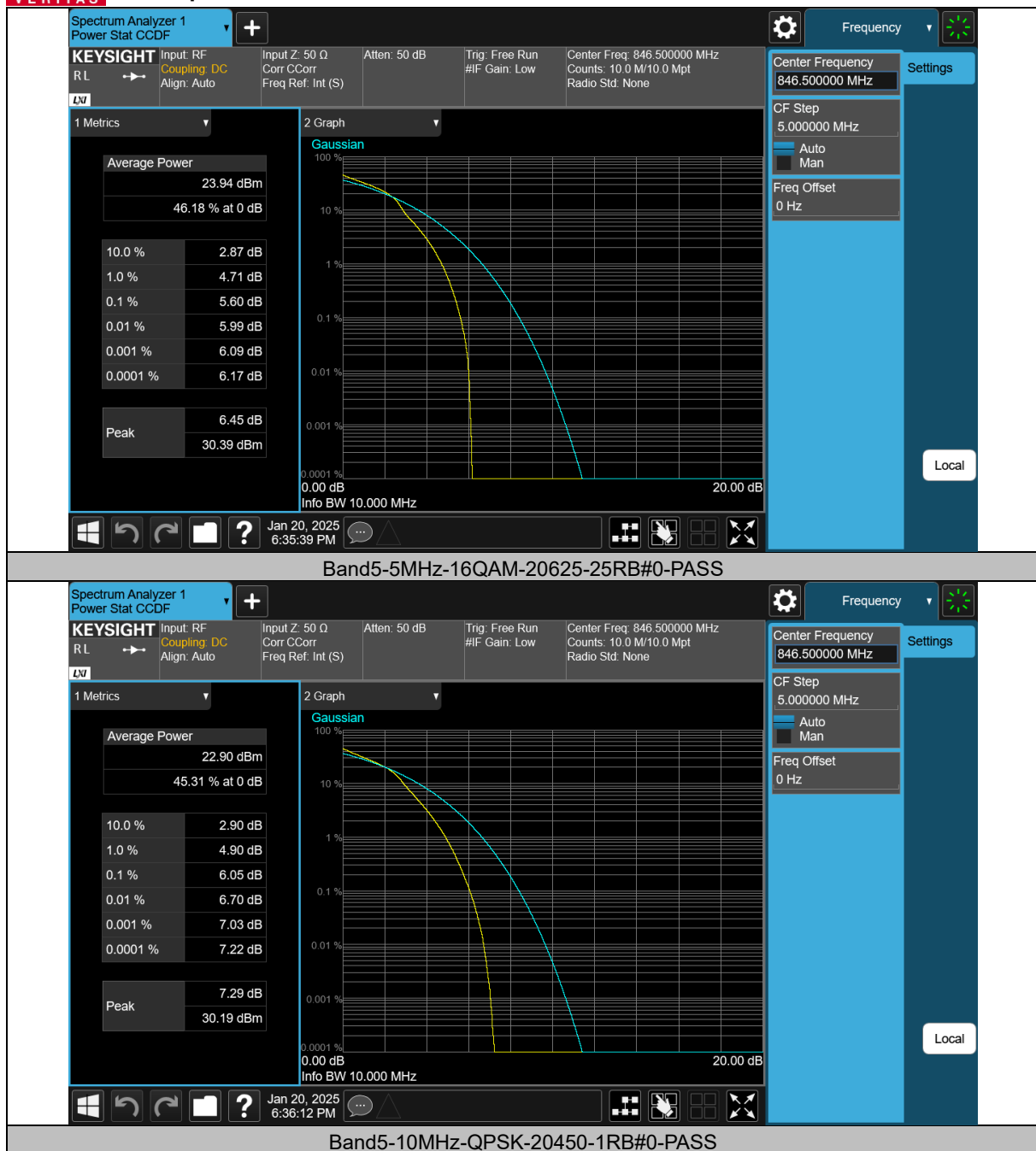
Band5-5MHz-16QAM-20525-25RB#0-PASS



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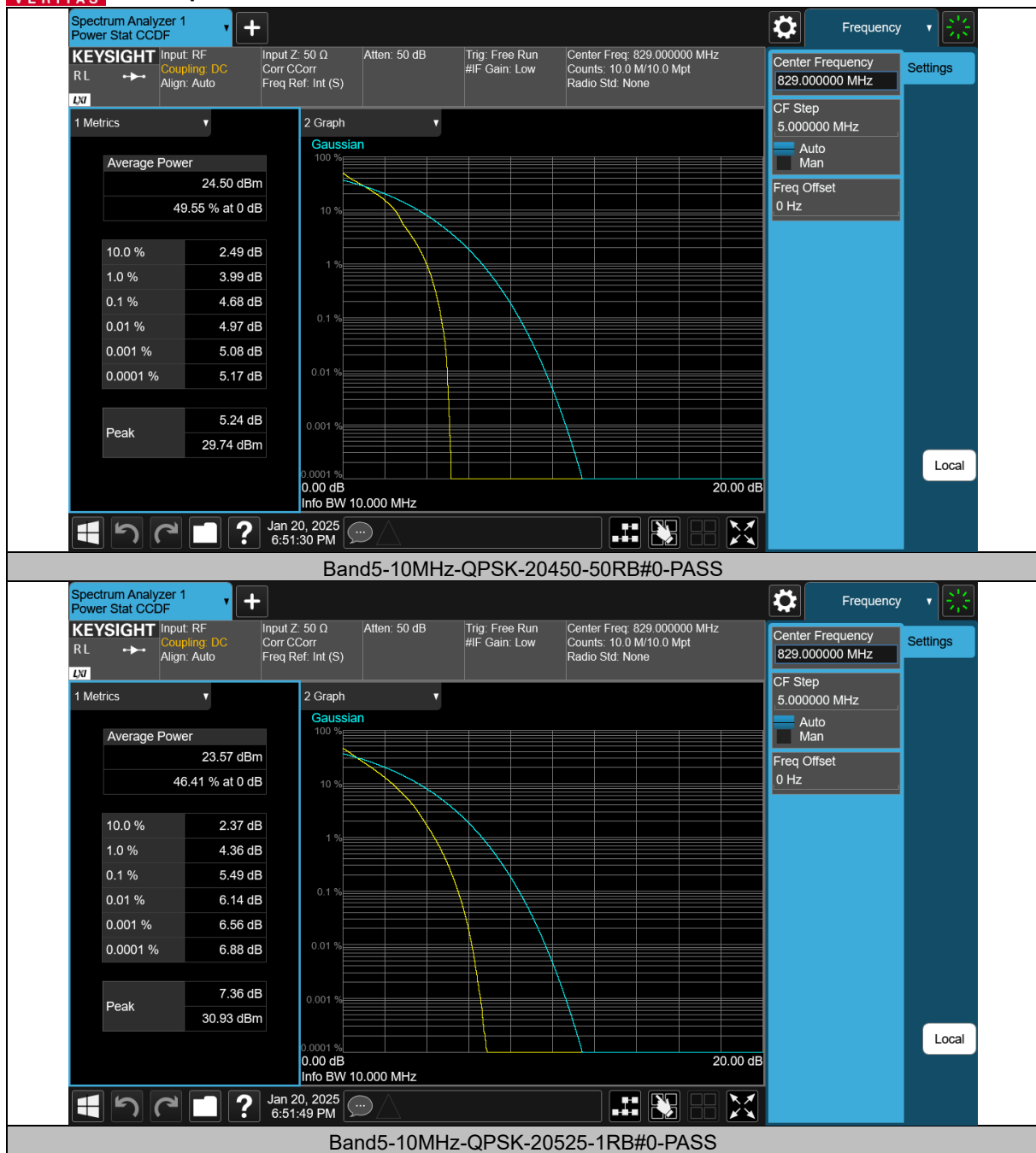


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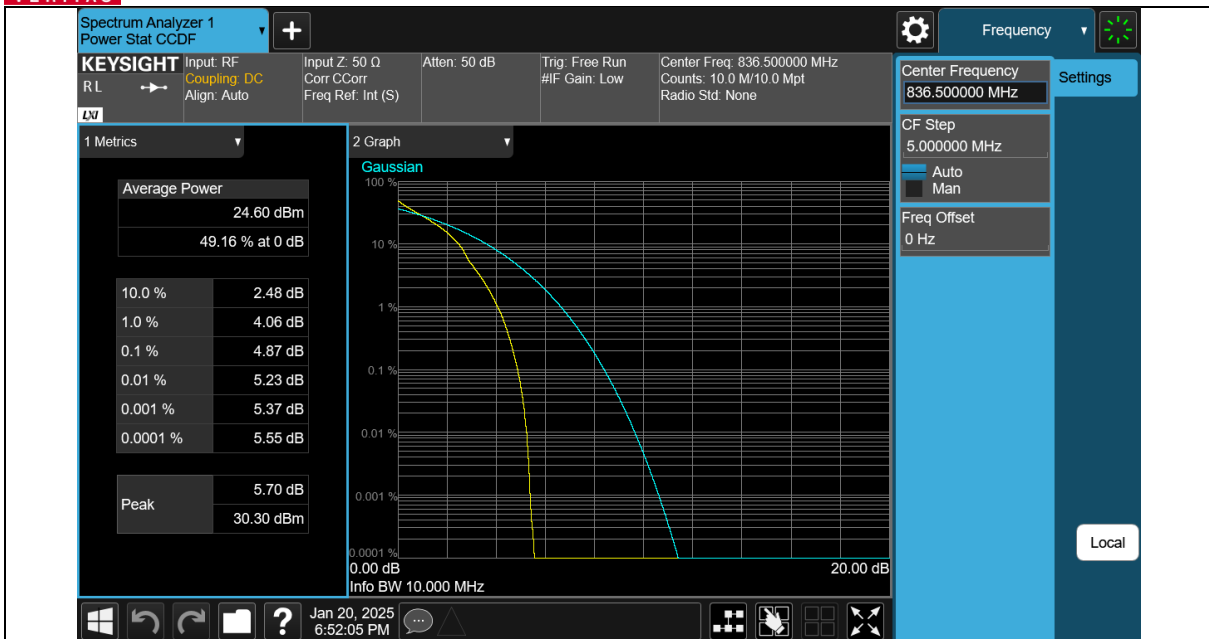


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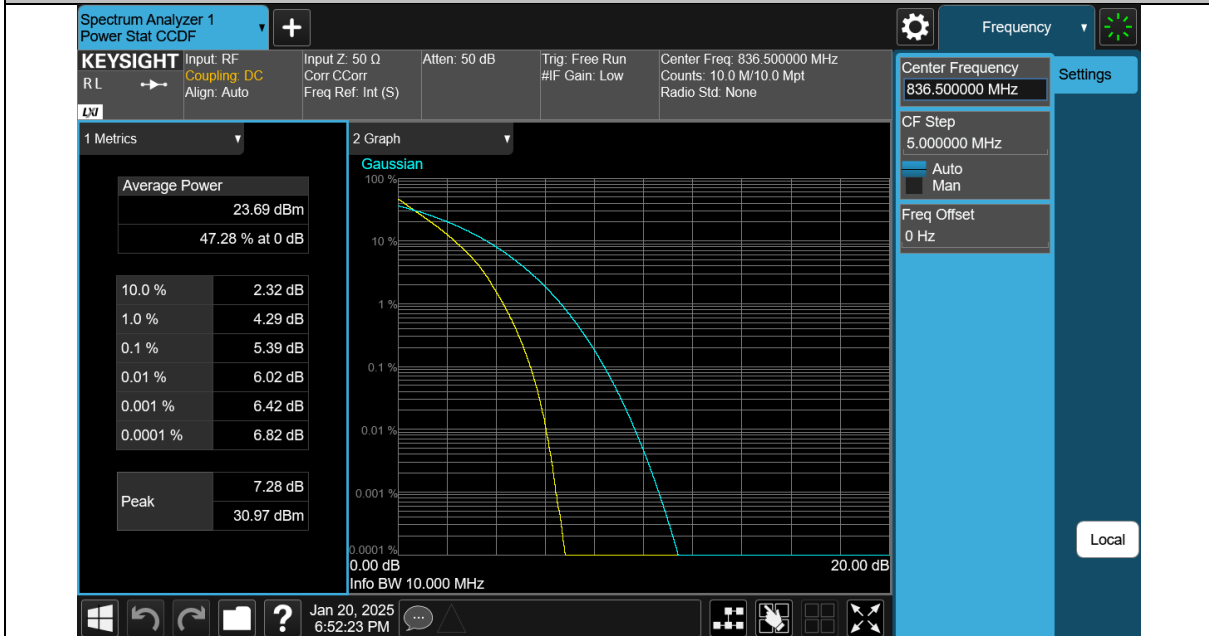




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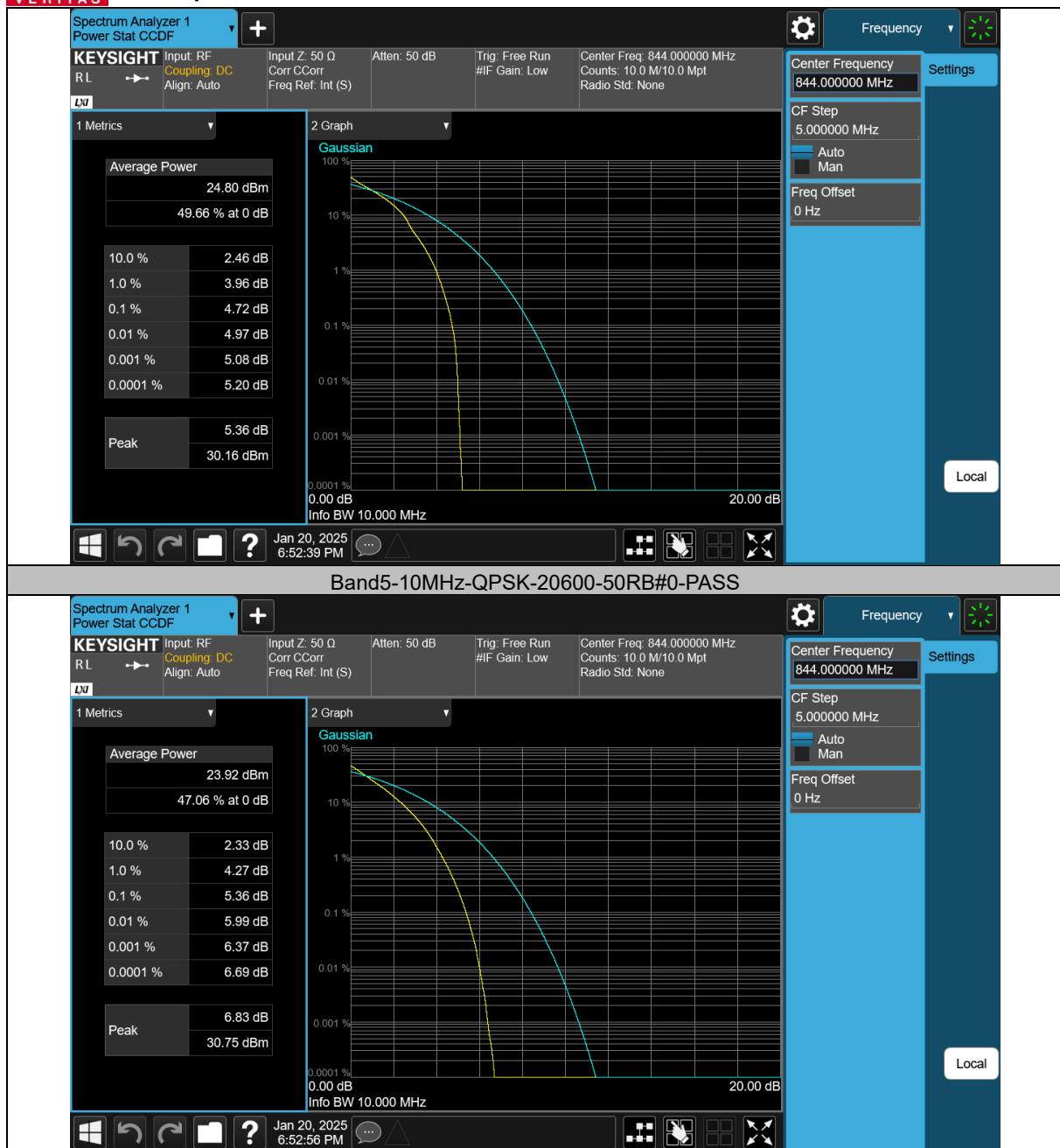
Band5-10MHz-QPSK-20525-50RB#0-PASS

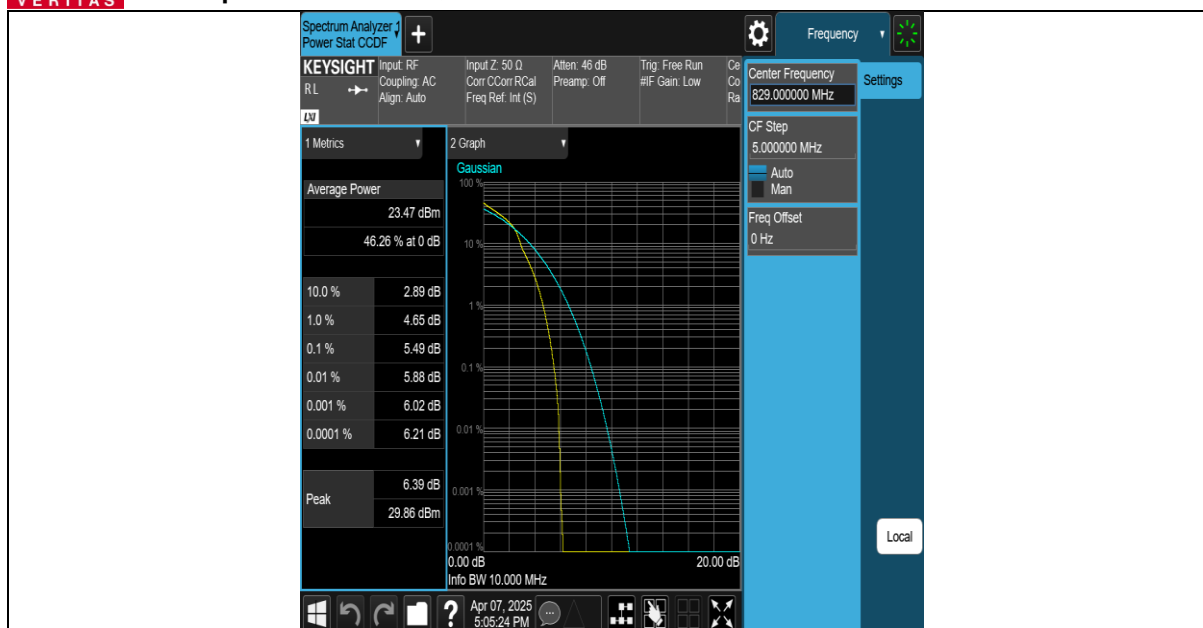


Band5-10MHz-QPSK-20600-1RB#0-PASS

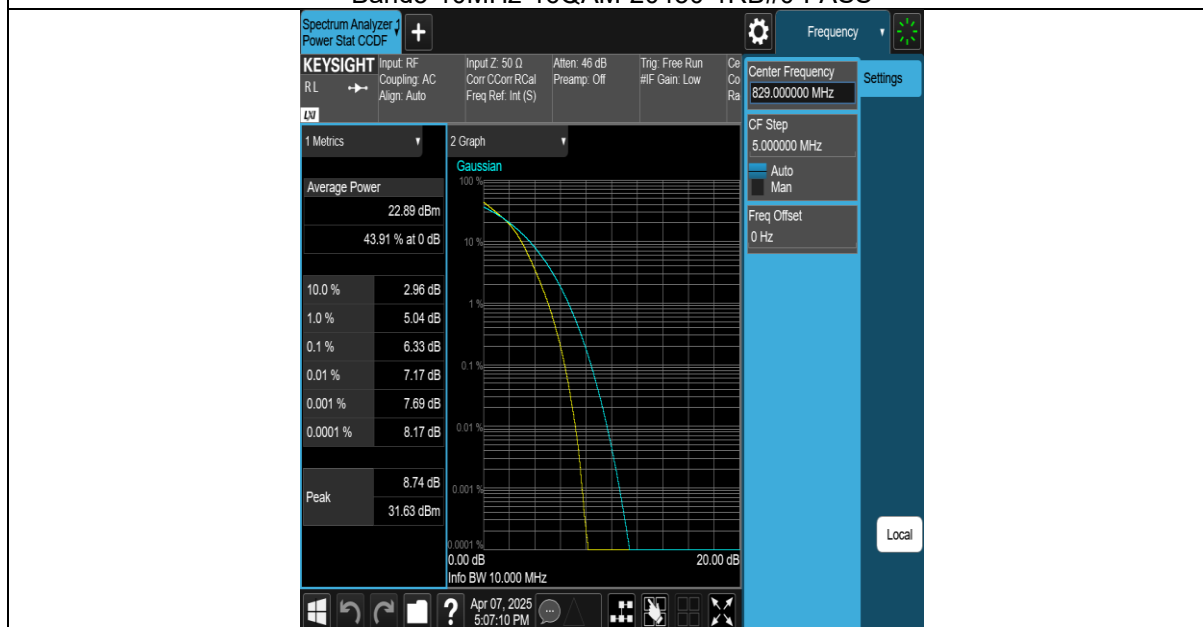


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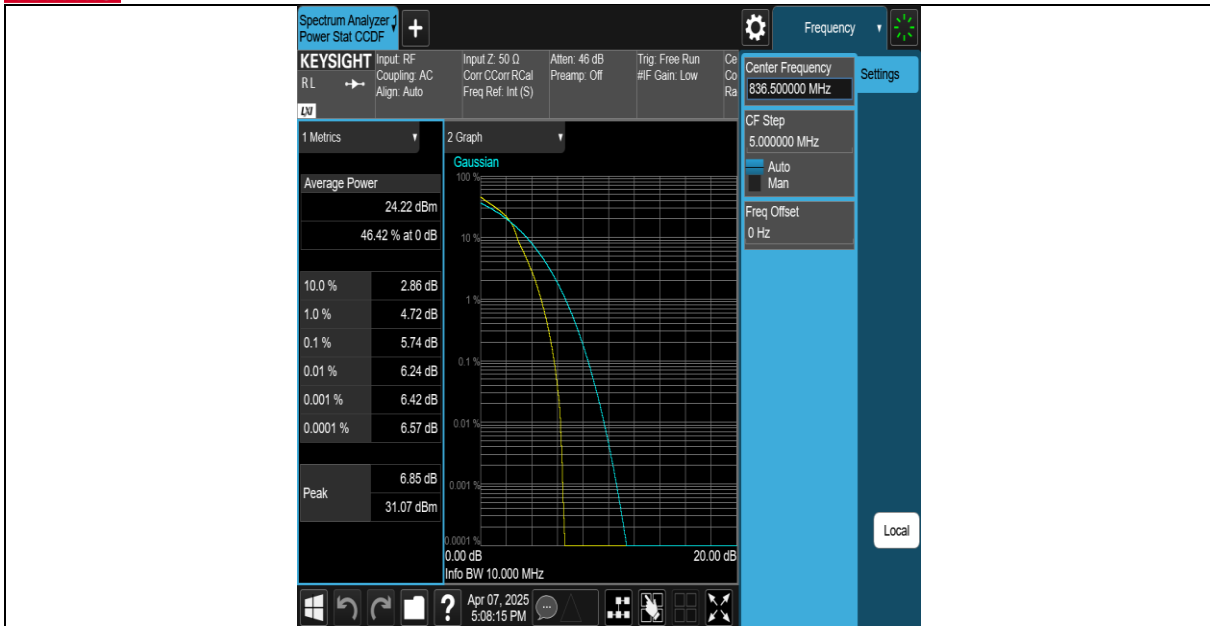




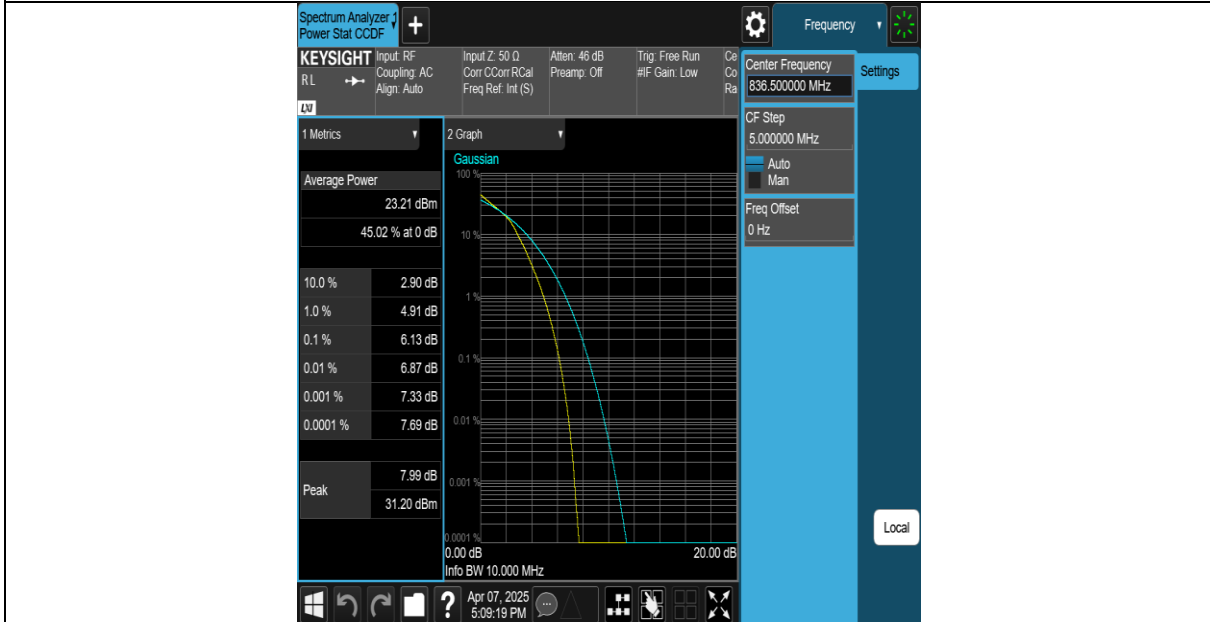
Band5-10MHz-16QAM-20450-1RB#0-PASS



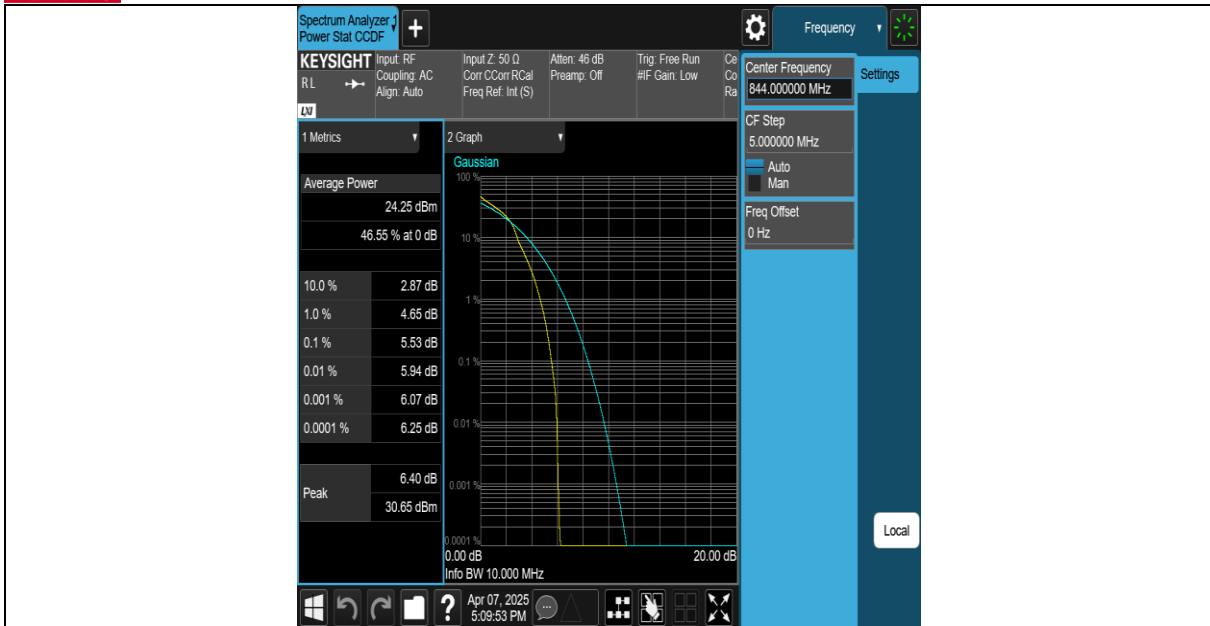
Band5-10MHz-16QAM-20450-50RB#0-PASS



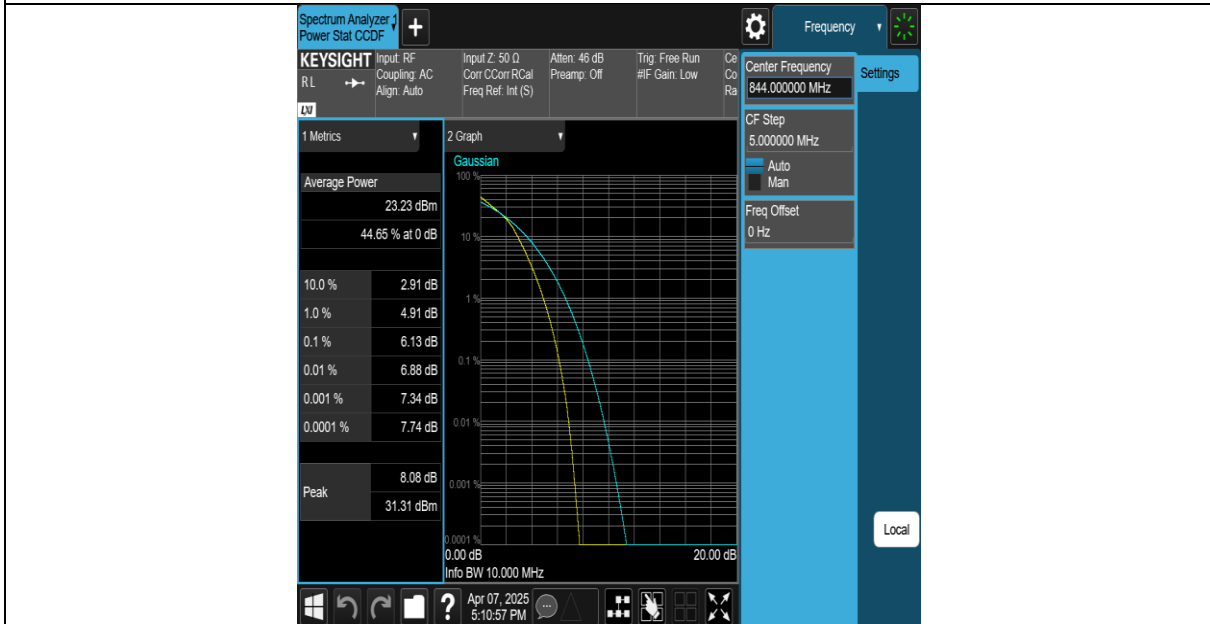
Band5-10MHz-16QAM-20525-1RB#0-PASS



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



Band5-10MHz-16QAM-20600-1RB#0-PASS



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



## 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            | 1.1002                   | 1.346                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20525   | 6RB#0            | 1.1000                   | 1.357                | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | 1.1057                   | 1.368                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | 1.1003                   | 1.347                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20525   | 6RB#0            | 1.1013                   | 1.335                | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | 1.1045                   | 1.364                | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | 2.7082                   | 3.063                | PASS    |
| Band5 | 3MHz      | QPSK       | 20525   | 15RB#0           | 2.7026                   | 3.033                | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | 2.7024                   | 3.025                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | 2.7073                   | 3.060                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20525   | 15RB#0           | 2.7010                   | 3.038                | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | 2.7095                   | 3.062                | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | 4.5200                   | 5.209                | PASS    |
| Band5 | 5MHz      | QPSK       | 20525   | 25RB#0           | 4.5131                   | 5.165                | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | 4.5257                   | 5.232                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | 4.5212                   | 5.167                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20525   | 25RB#0           | 4.5188                   | 5.164                | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | 4.5208                   | 5.195                | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | 8.9891                   | 10.06                | PASS    |
| Band5 | 10MHz     | QPSK       | 20525   | 50RB#0           | 9.0098                   | 10.14                | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | 8.9872                   | 10.00                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | 8.9923                   | 10.08                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20525   | 50RB#0           | 8.9767                   | 10.04                | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | 9.0064                   | 9.988                | PASS    |

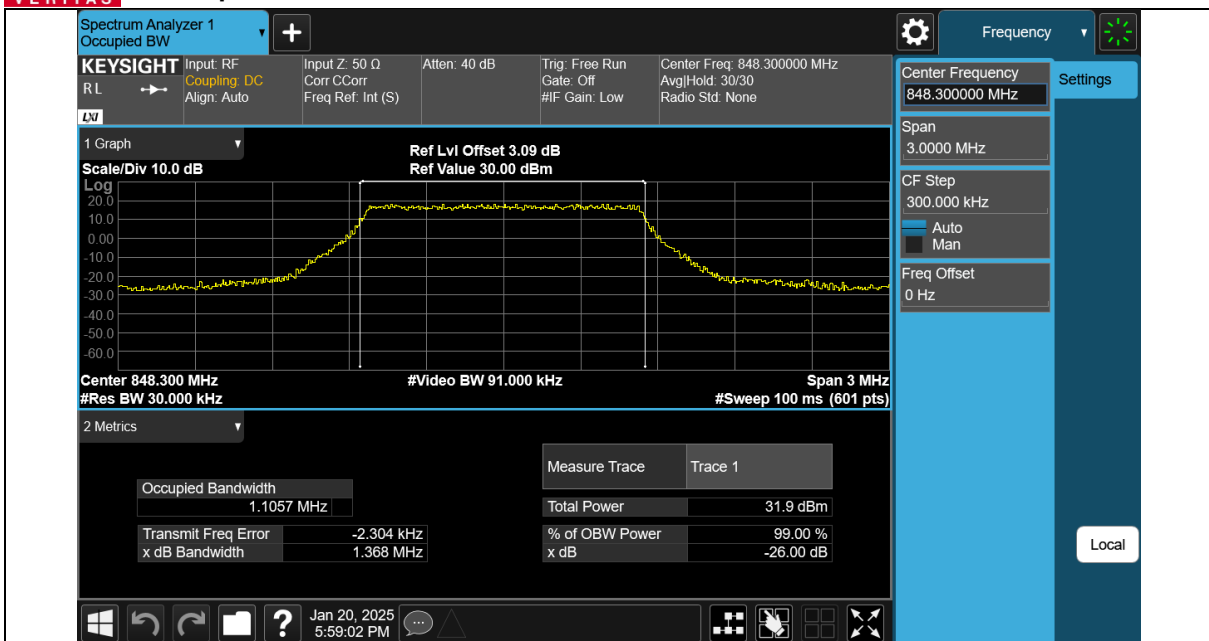


## Test Graphs

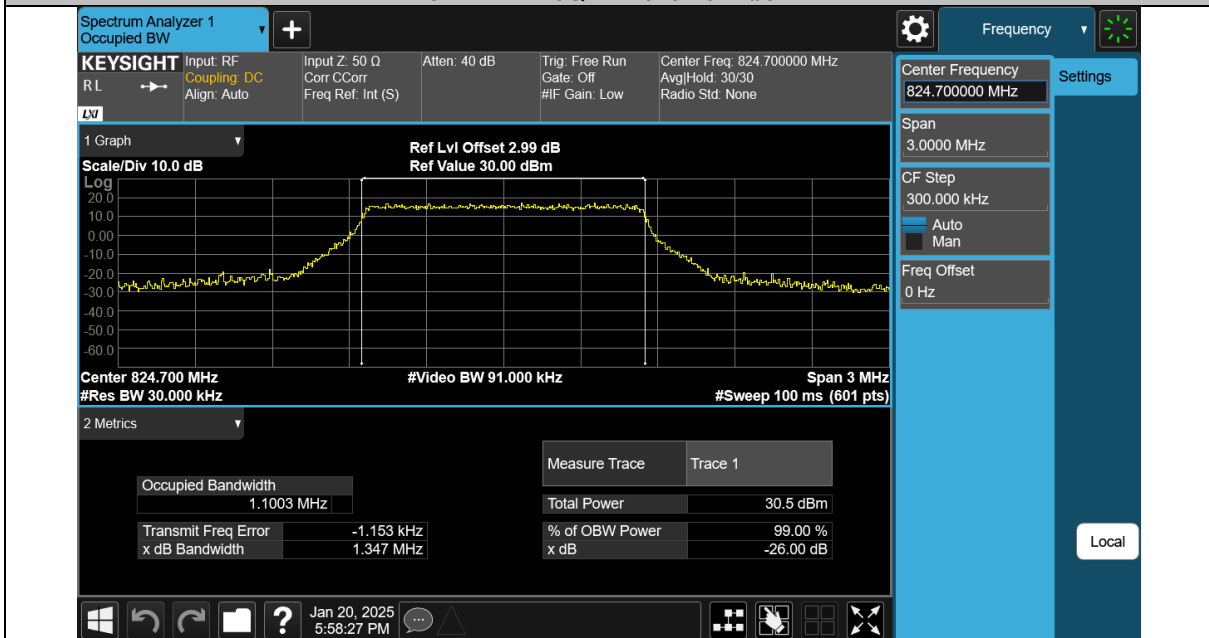




**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



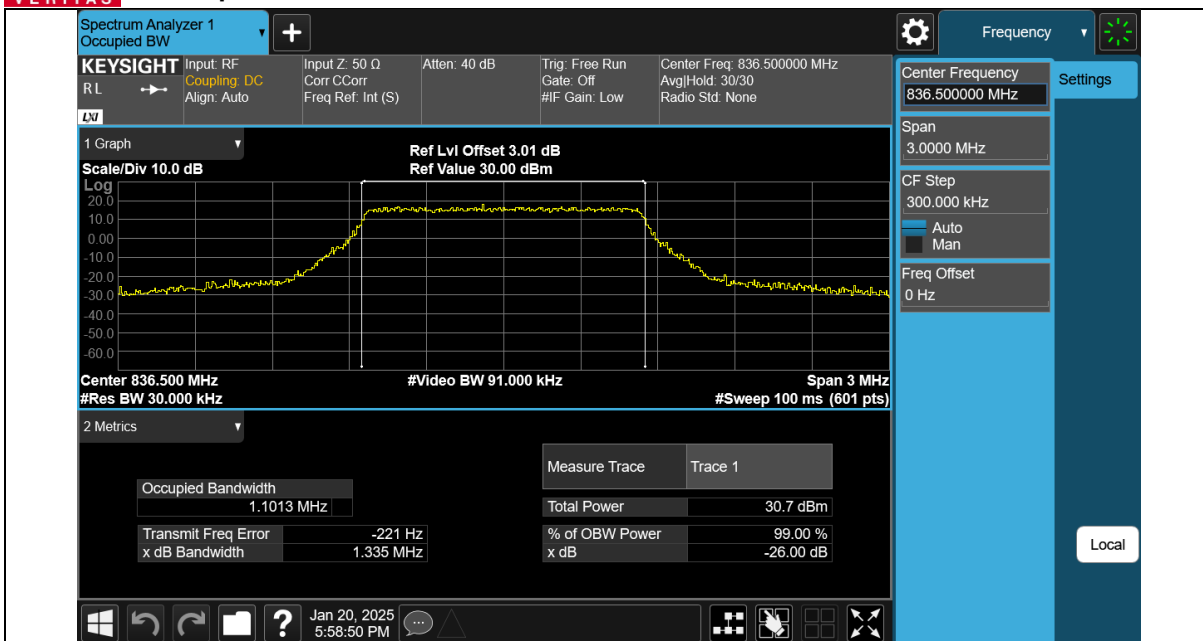
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



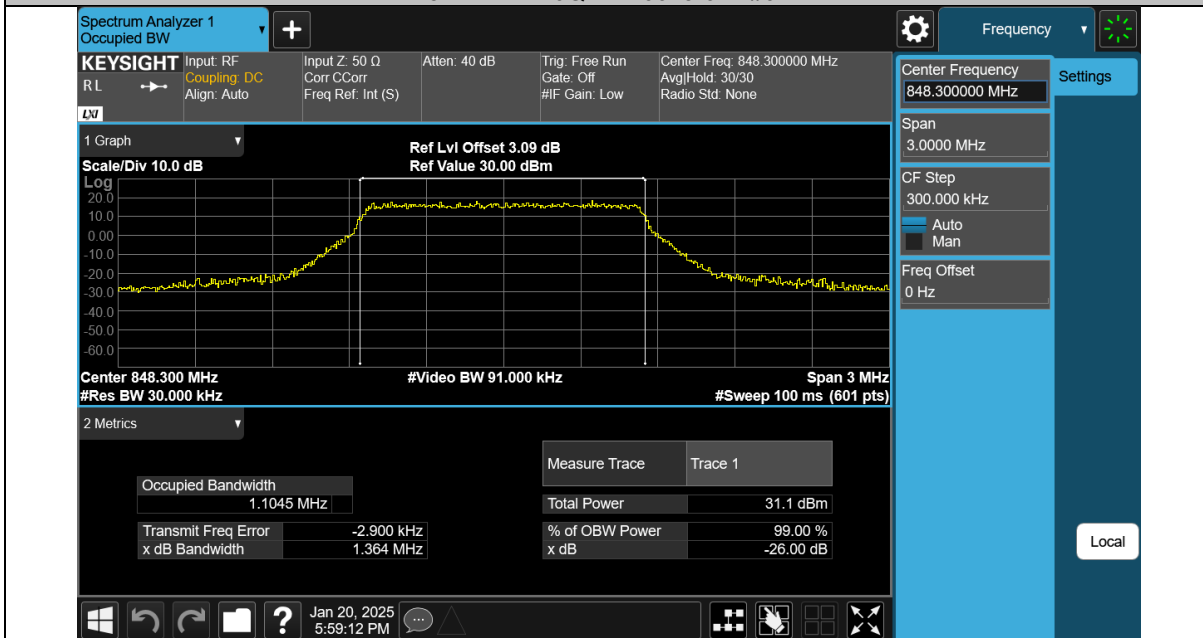
Band5-1.4MHz-16QAM-20525-6RB#0-PASS



**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



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



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

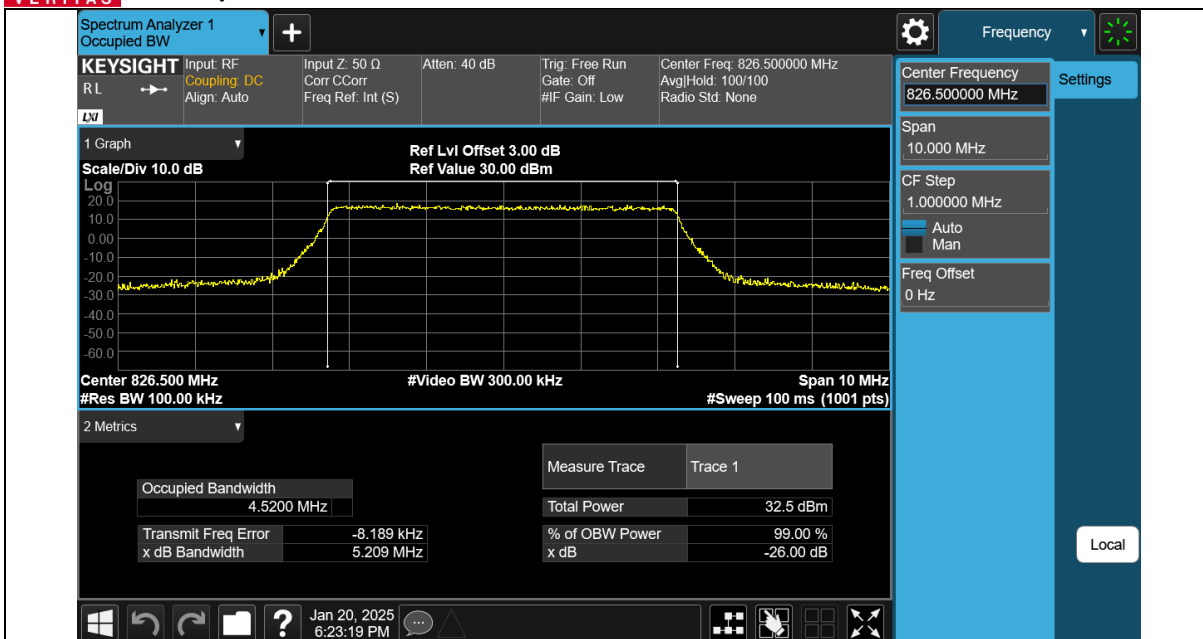




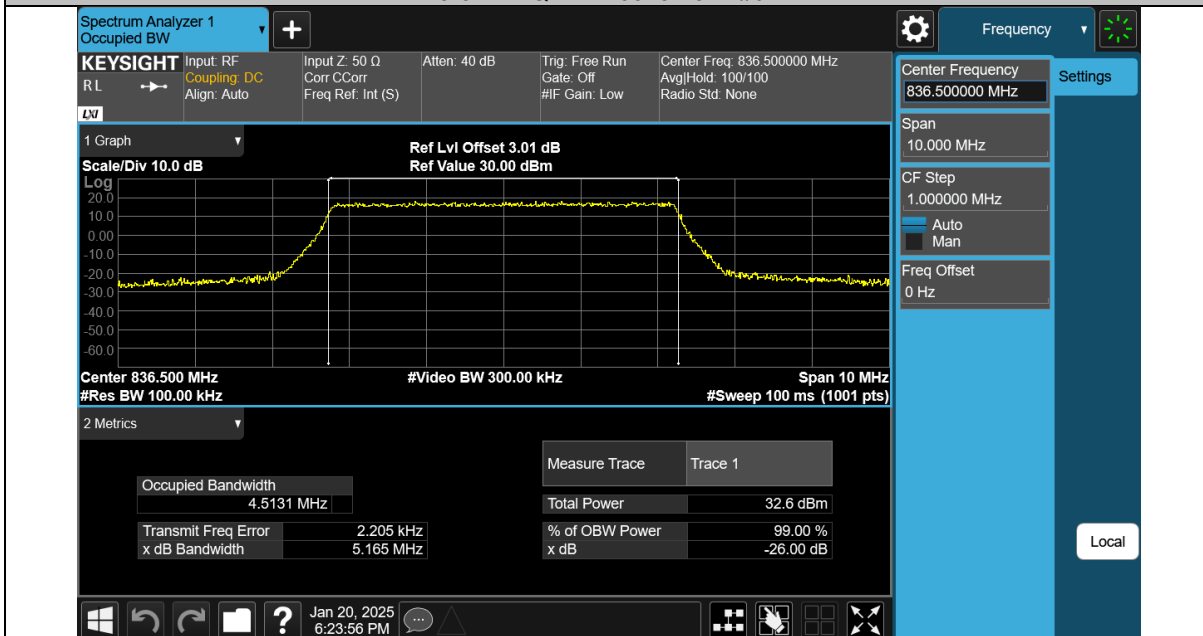




**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



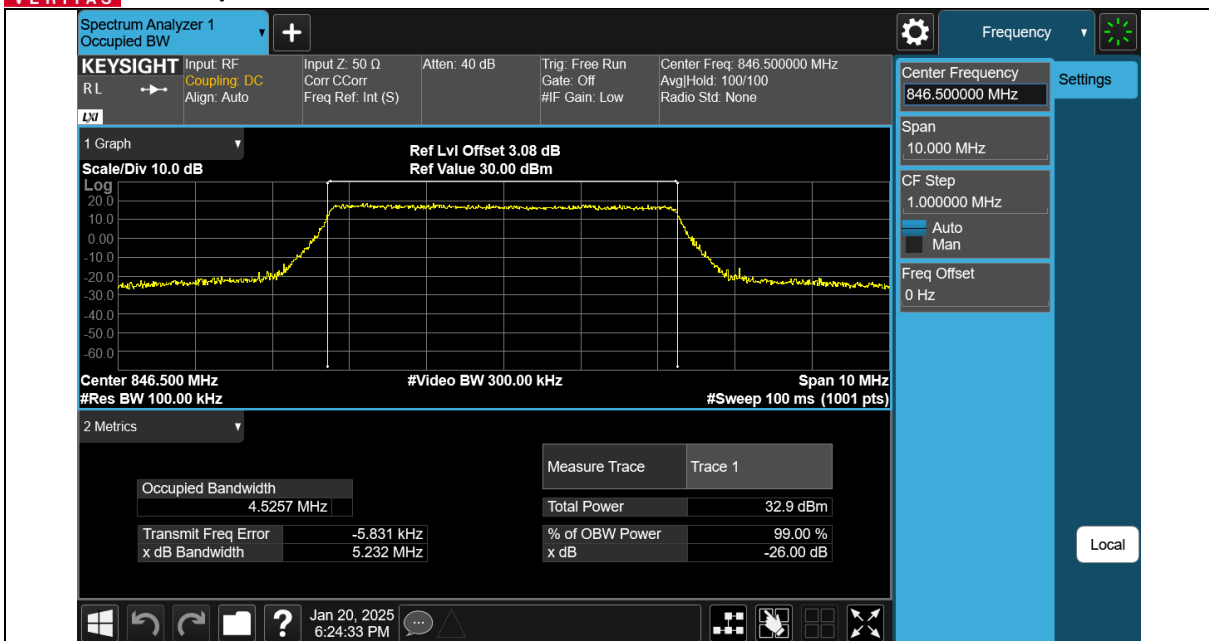
Band5-5MHz-QPSK-20525-25RB#0-PASS



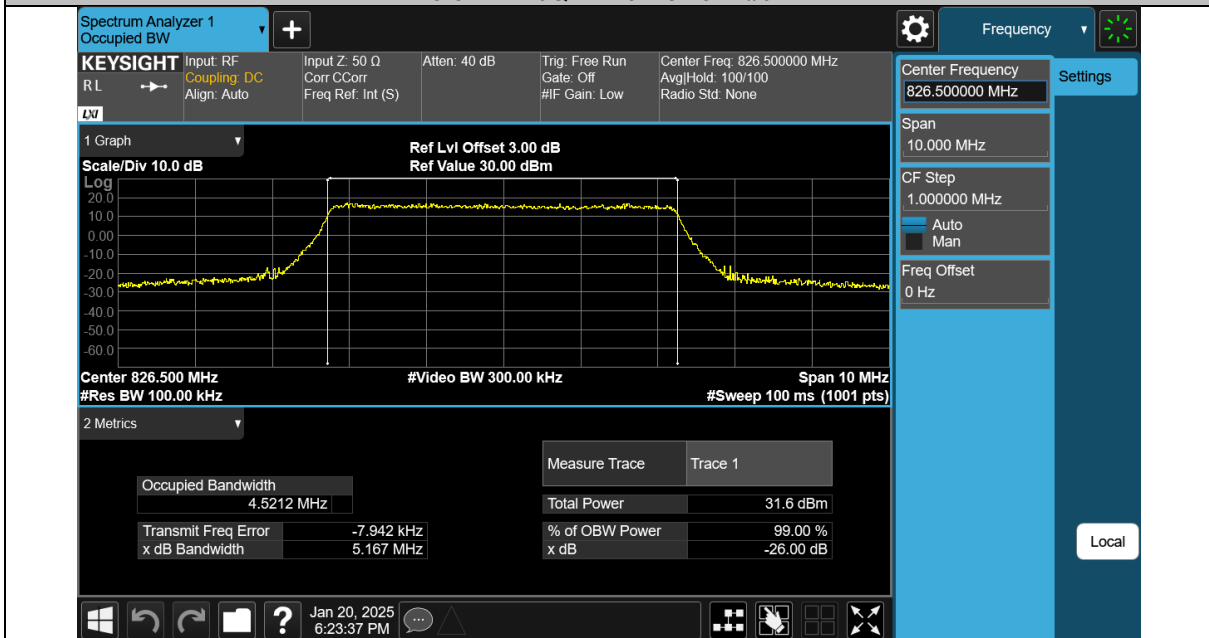
Band5-5MHz-QPSK-20625-25RB#0-PASS



**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



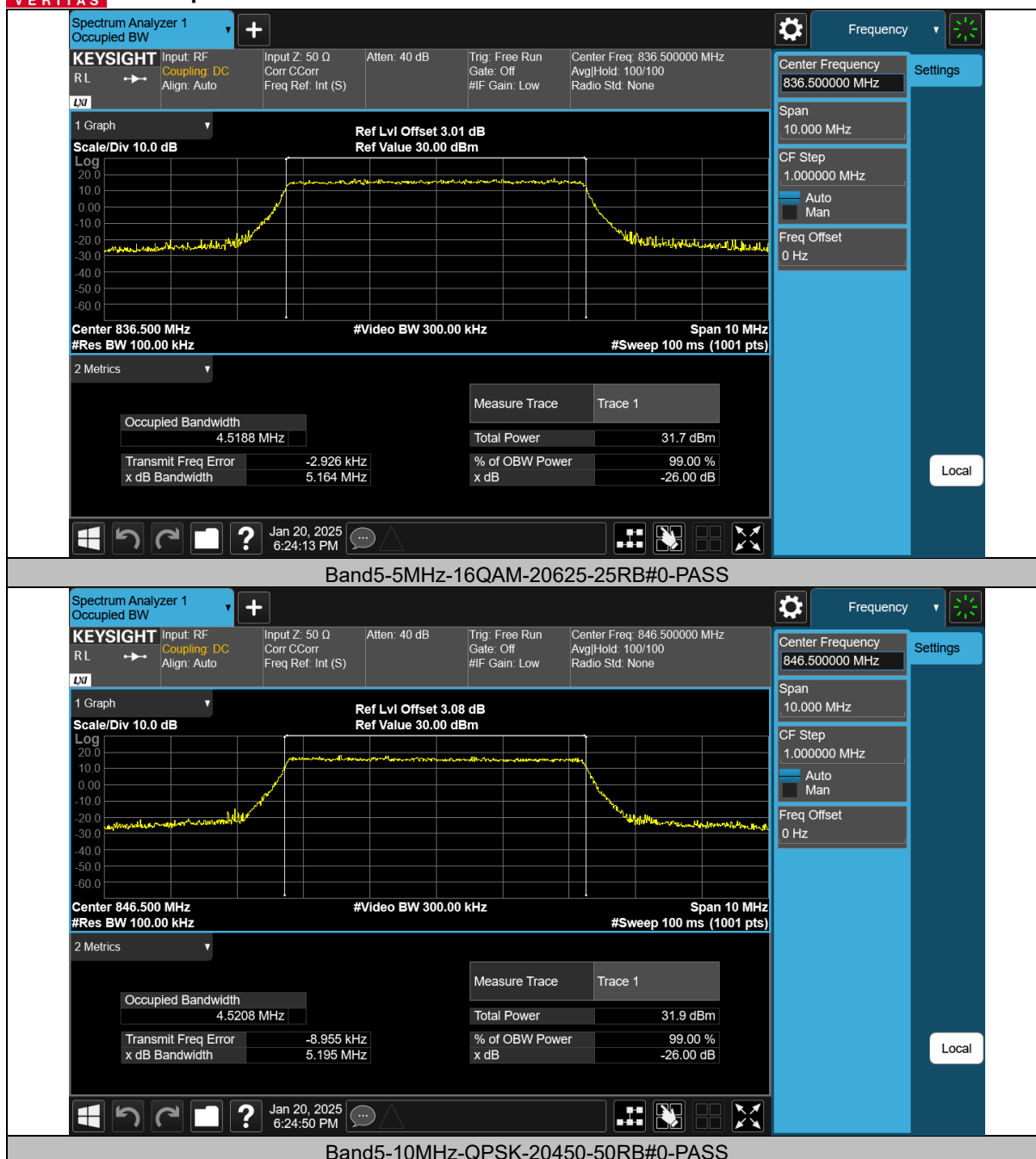
Band5-5MHz-16QAM-20425-25RB#0-PASS

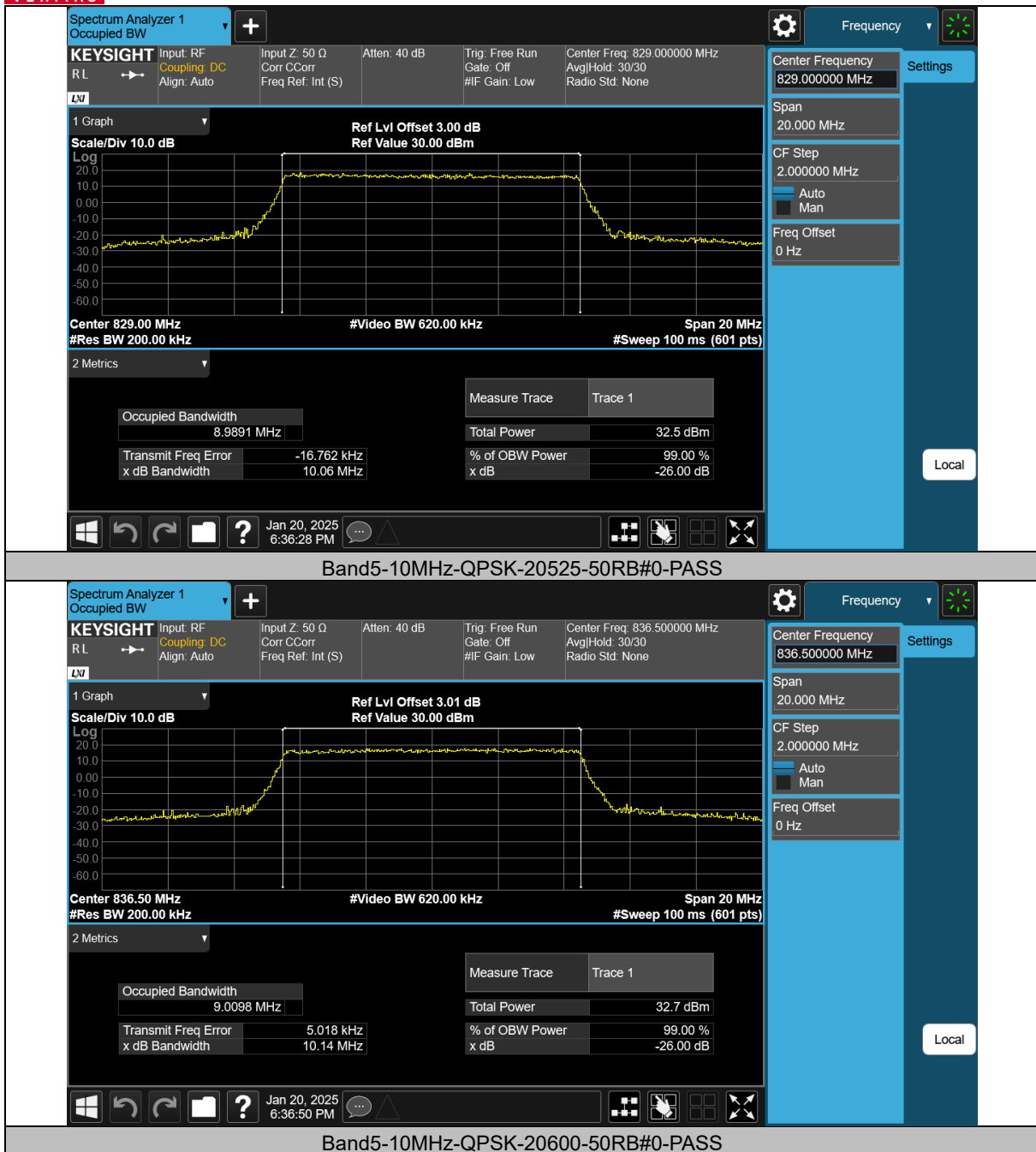


Band5-5MHz-16QAM-20525-25RB#0-PASS



**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01









**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01





## BAND EDGE

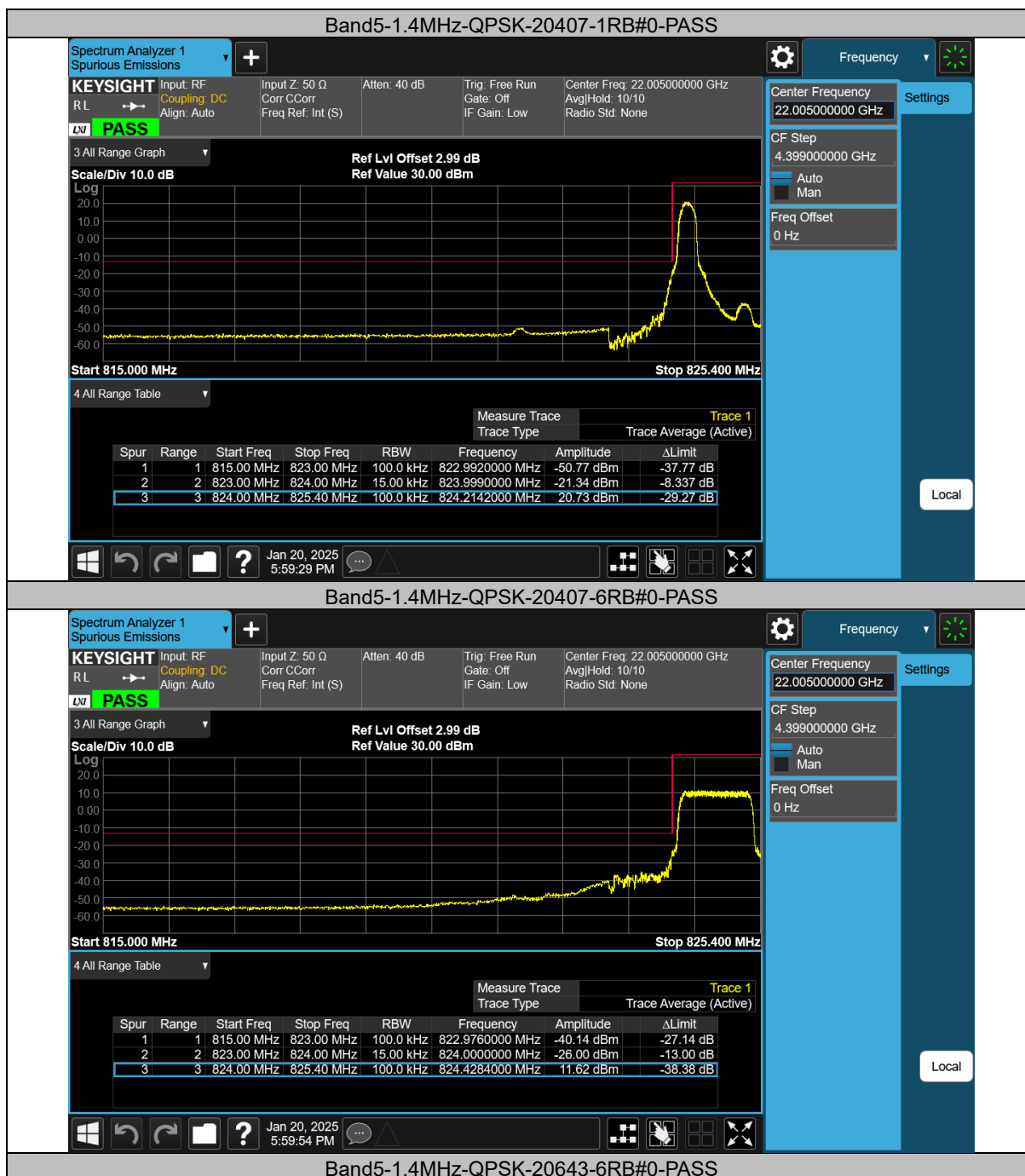
### Test Result

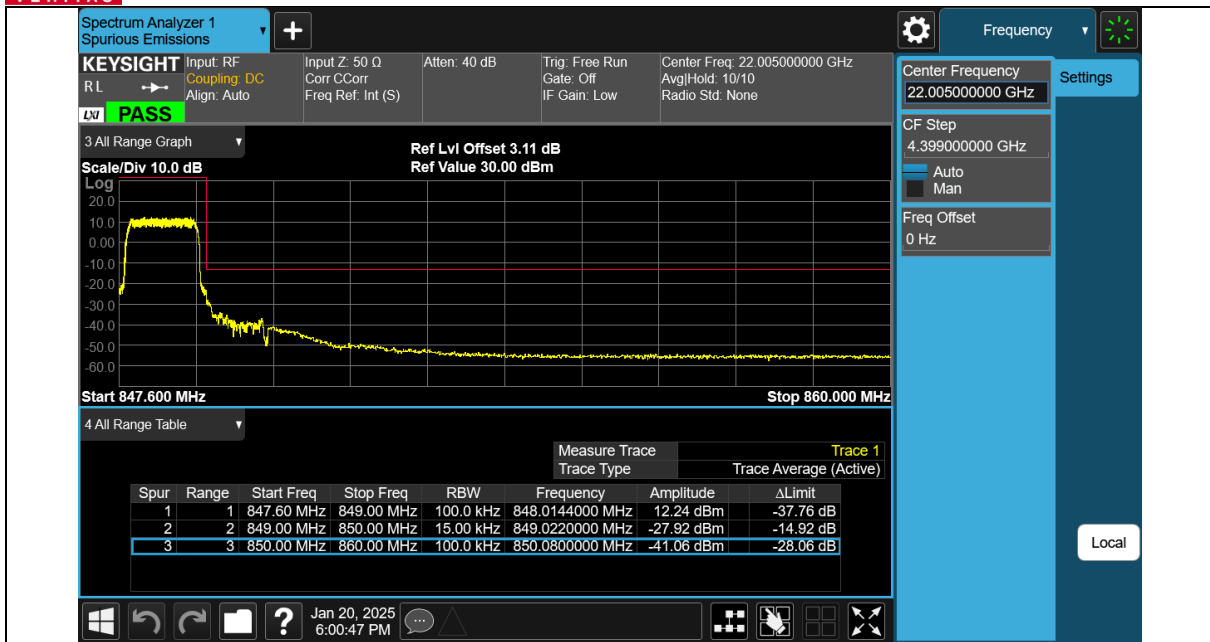
NOTE: Pre-scan QPSK,16QAM,64QAM, 256QAM four modulations modes, only the worst mode and data reflected in the report.

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band5 | 1.4MHz    | QPSK       | 20407   | 1RB#0            | -21.34      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20407   | 6RB#0            | -26.00      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 6RB#0            | -27.92      | PASS    |
| Band5 | 1.4MHz    | QPSK       | 20643   | 1RB#5            | -20.45      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 1RB#0            | -24.79      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20407   | 6RB#0            | -27.74      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 6RB#0            | -29.04      | PASS    |
| Band5 | 1.4MHz    | 16QAM      | 20643   | 1RB#5            | -21.45      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 1RB#0            | -23.23      | PASS    |
| Band5 | 3MHz      | QPSK       | 20415   | 15RB#0           | -29.12      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 15RB#0           | -28.25      | PASS    |
| Band5 | 3MHz      | QPSK       | 20635   | 1RB#14           | -24.15      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 1RB#0            | -25.98      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20415   | 15RB#0           | -29.44      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 15RB#0           | -30.28      | PASS    |
| Band5 | 3MHz      | 16QAM      | 20635   | 1RB#14           | -24.61      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 1RB#0            | -27.56      | PASS    |
| Band5 | 5MHz      | QPSK       | 20425   | 25RB#0           | -31.18      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 25RB#0           | -31.49      | PASS    |
| Band5 | 5MHz      | QPSK       | 20625   | 1RB#24           | -26.95      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 1RB#0            | -28.24      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20425   | 25RB#0           | -31.64      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 25RB#0           | -32.70      | PASS    |
| Band5 | 5MHz      | 16QAM      | 20625   | 1RB#24           | -28.71      | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 1RB#0            | -37.67      | PASS    |
| Band5 | 10MHz     | QPSK       | 20450   | 50RB#0           | -35.45      | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 50RB#0           | -36.37      | PASS    |
| Band5 | 10MHz     | QPSK       | 20600   | 1RB#49           | -37.99      | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 1RB#0            | -40.18      | PASS    |
| Band5 | 10MHz     | 16QAM      | 20450   | 50RB#0           | -35.28      | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 50RB#0           | -37.40      | PASS    |
| Band5 | 10MHz     | 16QAM      | 20600   | 1RB#49           | -39.69      | PASS    |

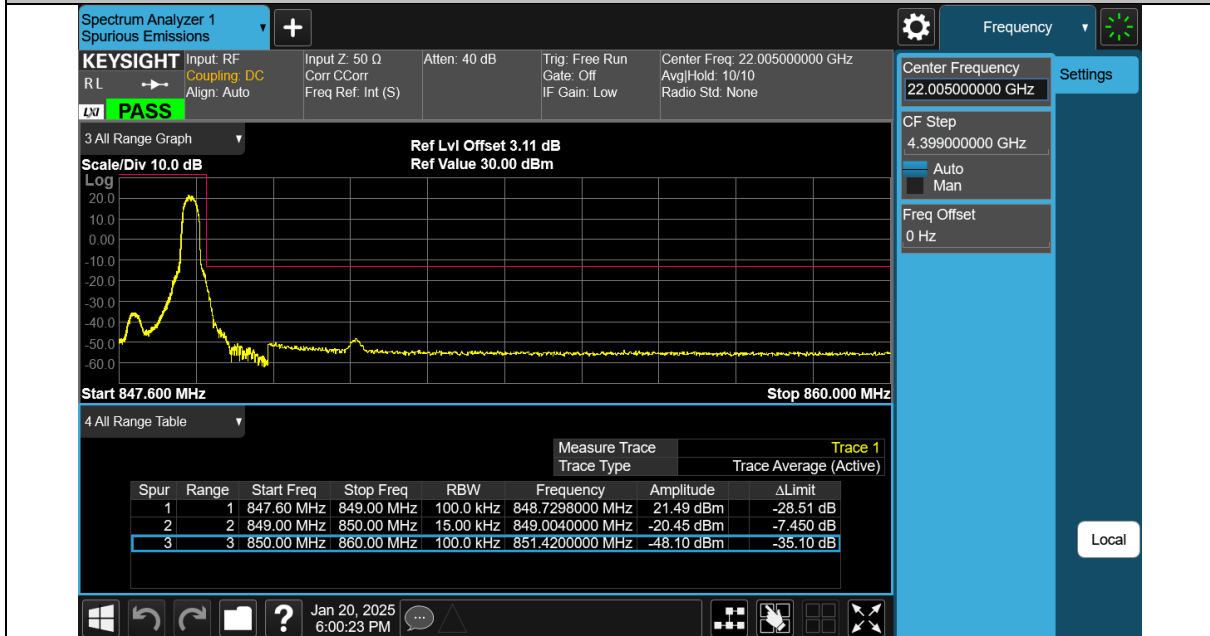


## Test Graphs

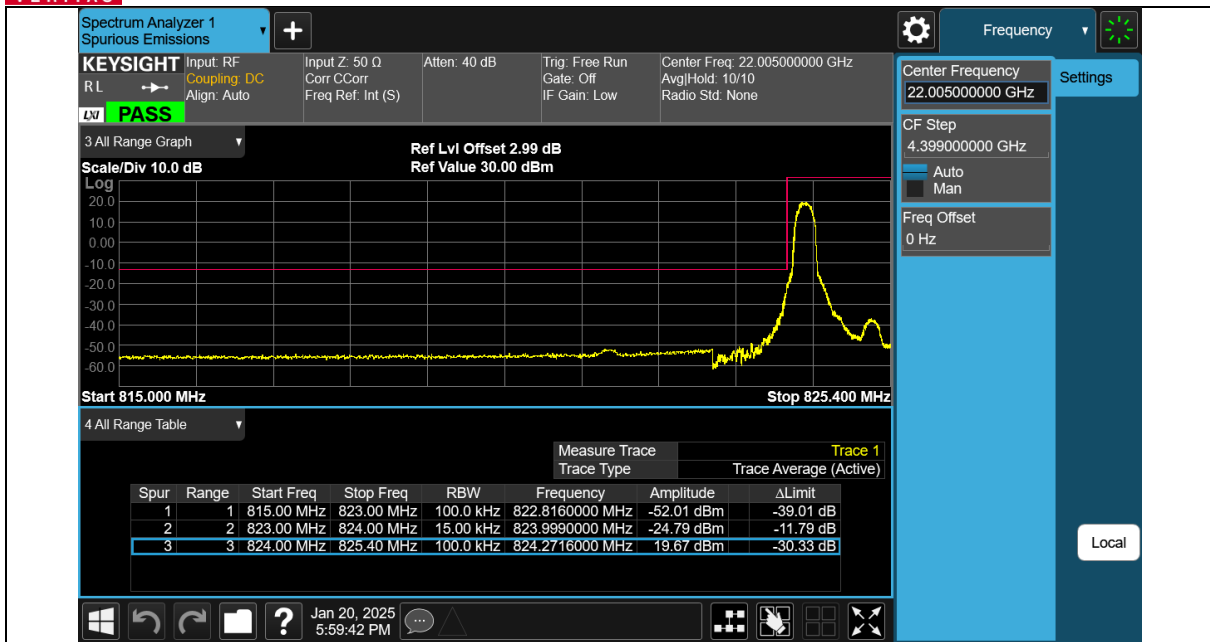




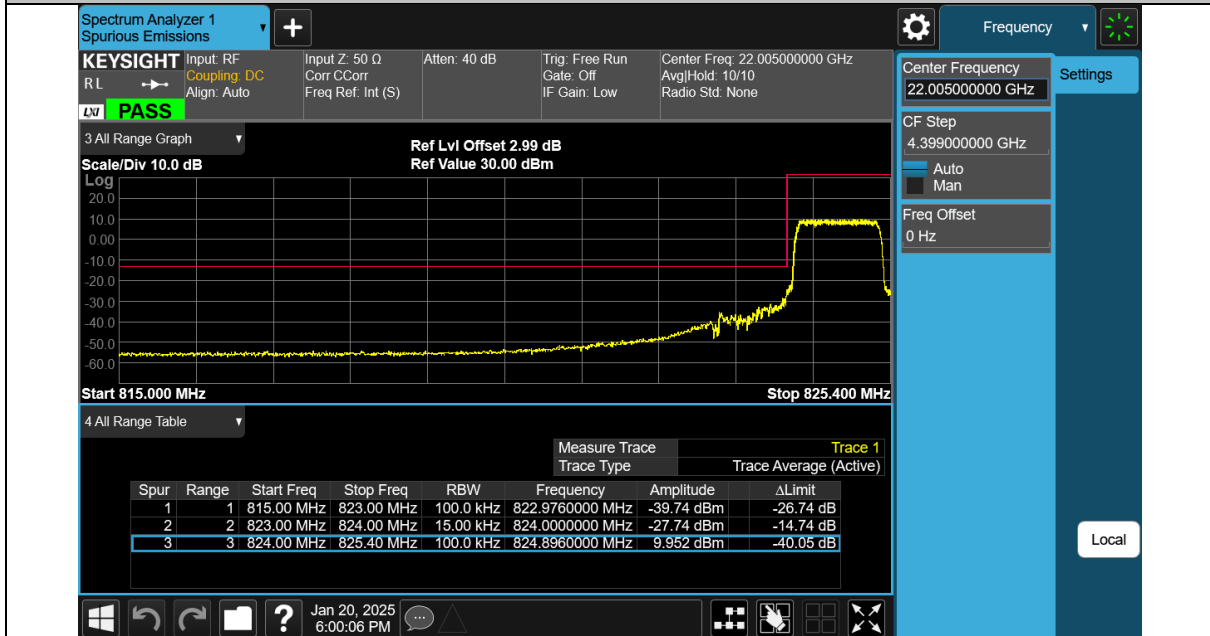
Band5-1.4MHz-QPSK-20643-1RB#5-PASS



Band5-1.4MHz-16QAM-20407-1RB#0-PASS



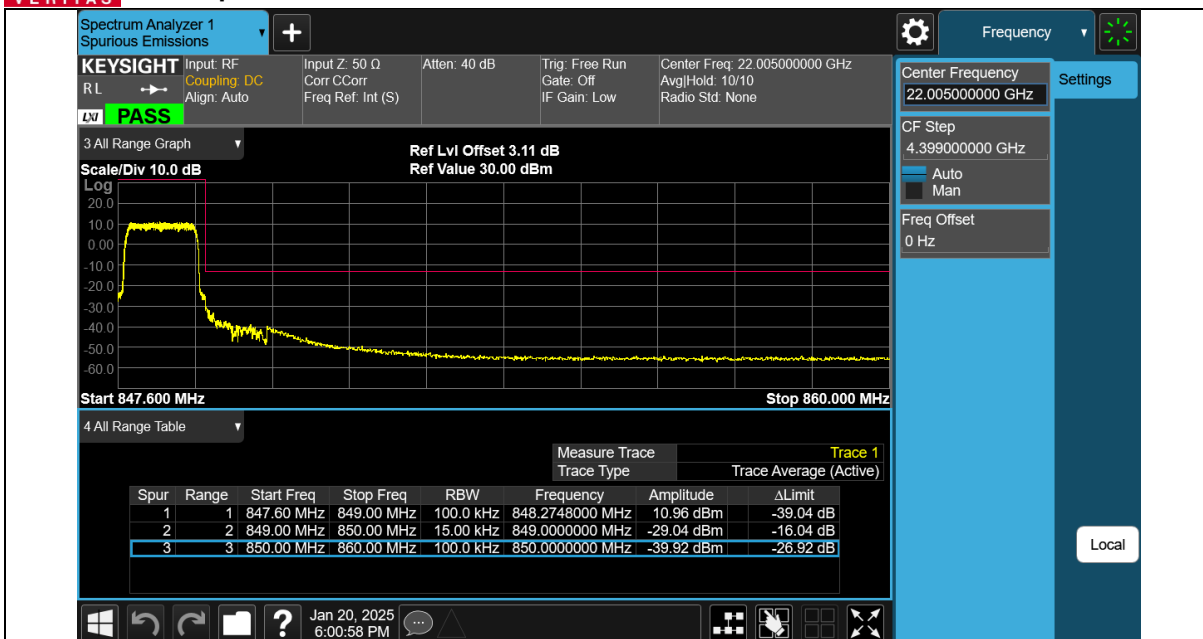
Band5-1.4MHz-16QAM-20407-6RB#0-PASS



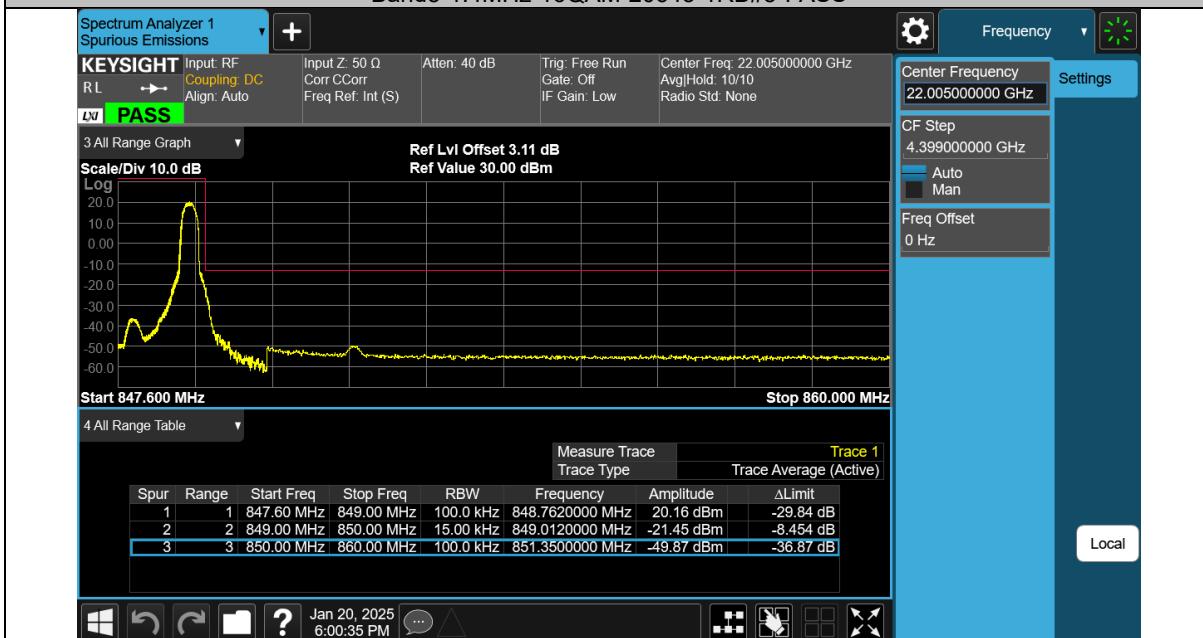
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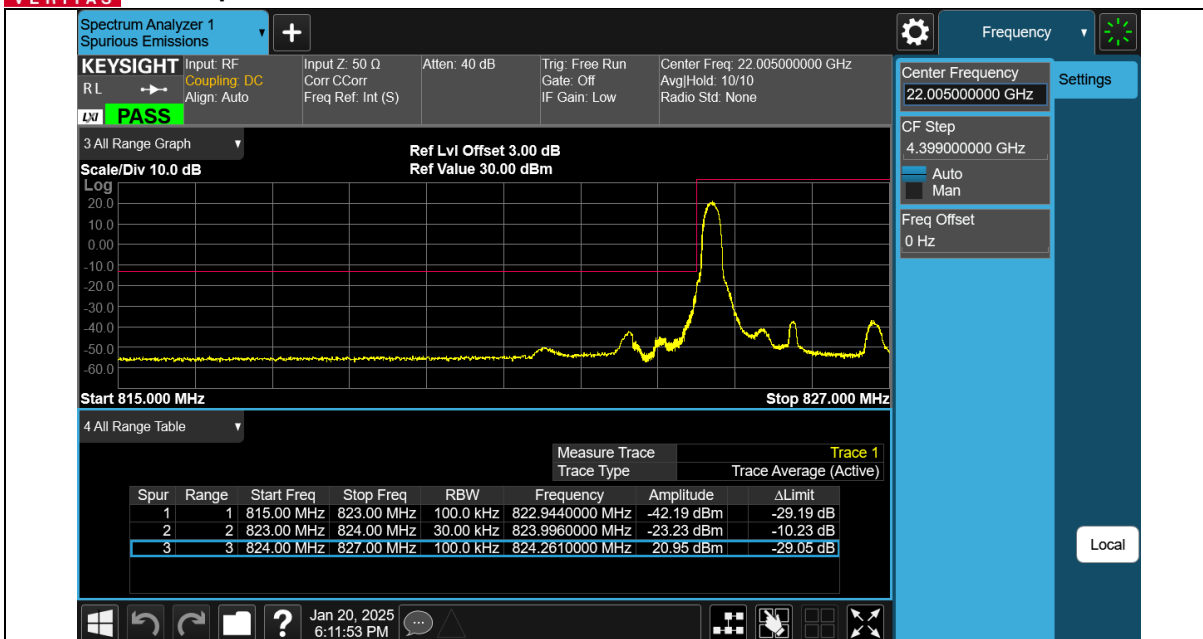
Band5-1.4MHz-16QAM-20643-1RB#5-PASS



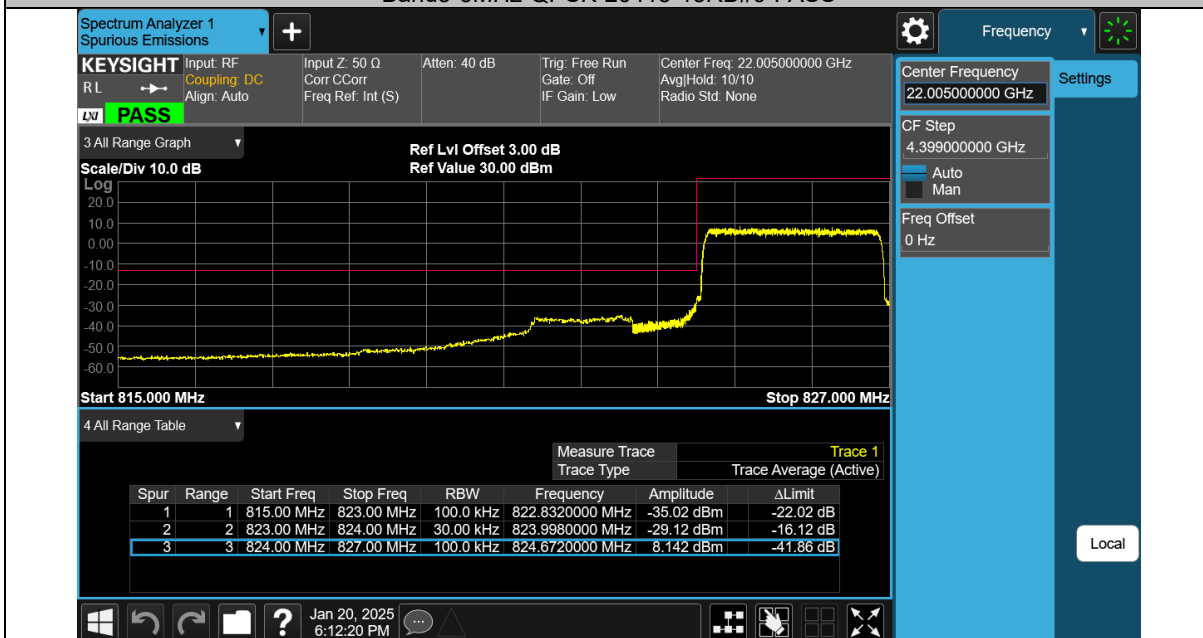
Band5-3MHz-QPSK-20415-1RB#0-PASS



**BUREAU VERITAS** Test Report No.: PSU-NQN2412090110RF01



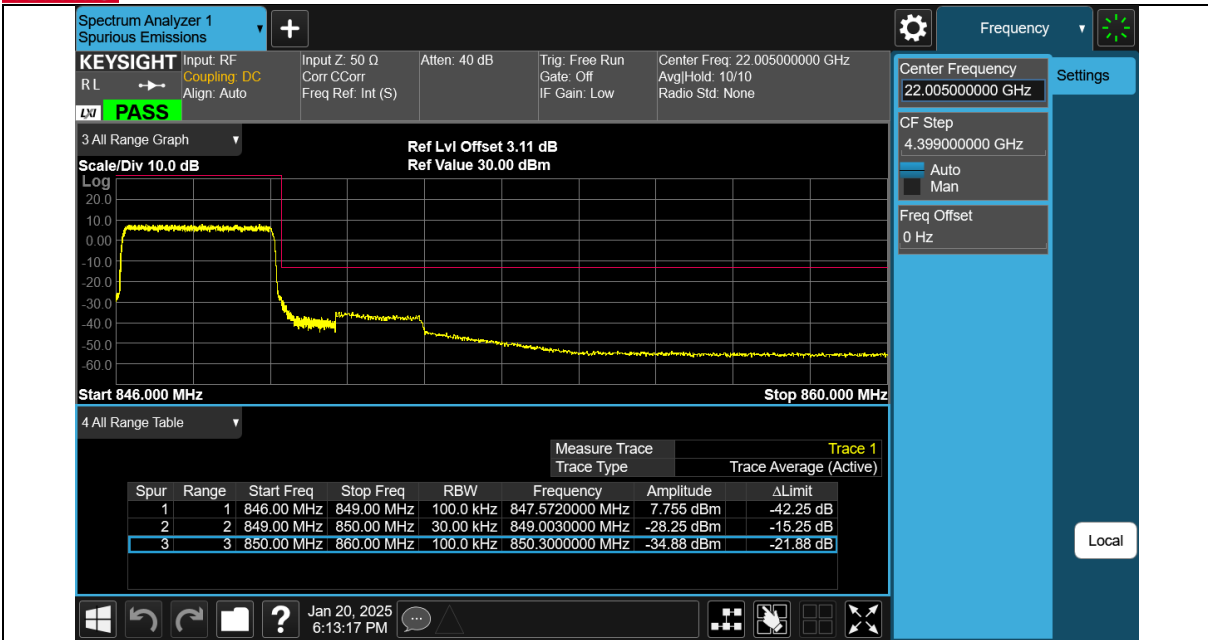
Band5-3MHz-QPSK-20415-15RB#0-PASS



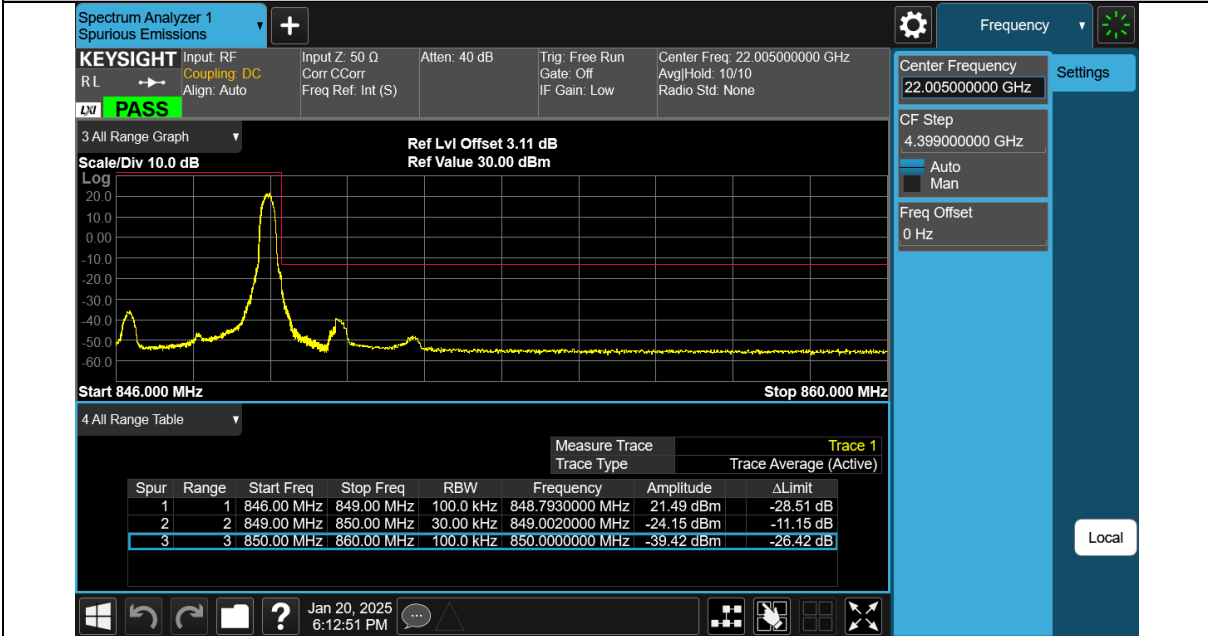
Band5-3MHz-QPSK-20635-15RB#0-PASS



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Band5-3MHz-QPSK-20635-1RB#14-PASS



Band5-3MHz-16QAM-20415-1RB#0-PASS