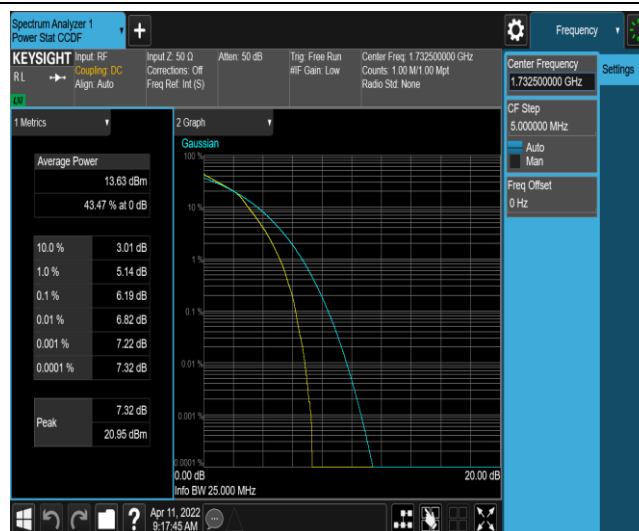




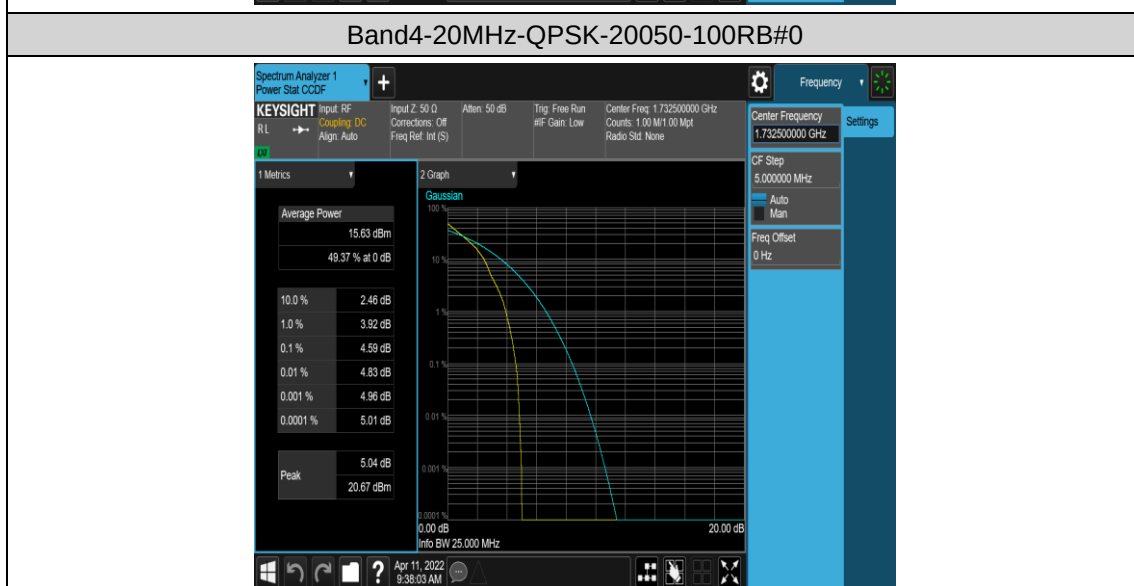
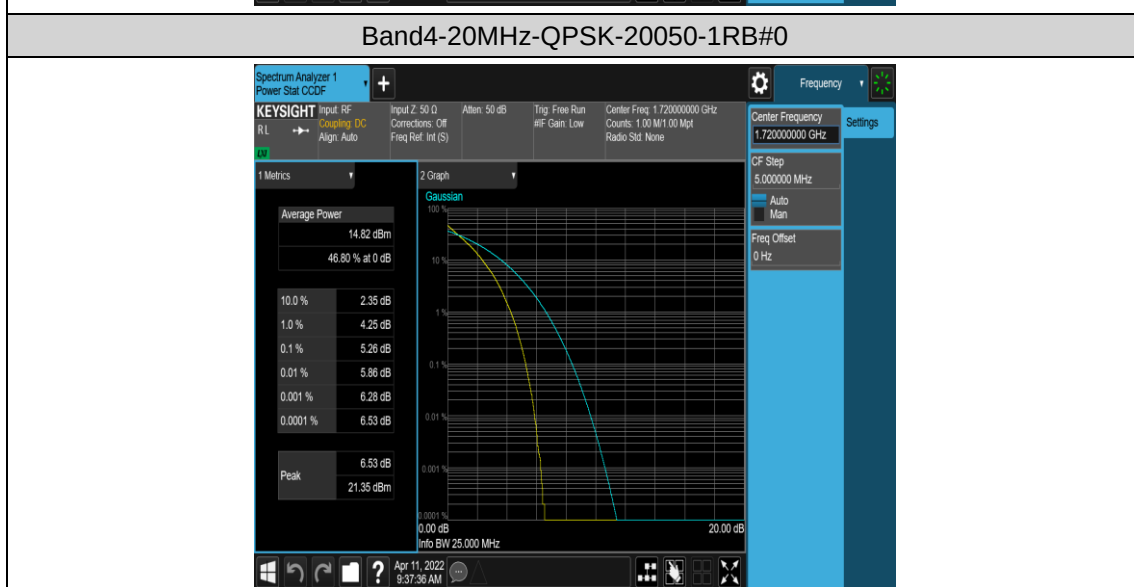
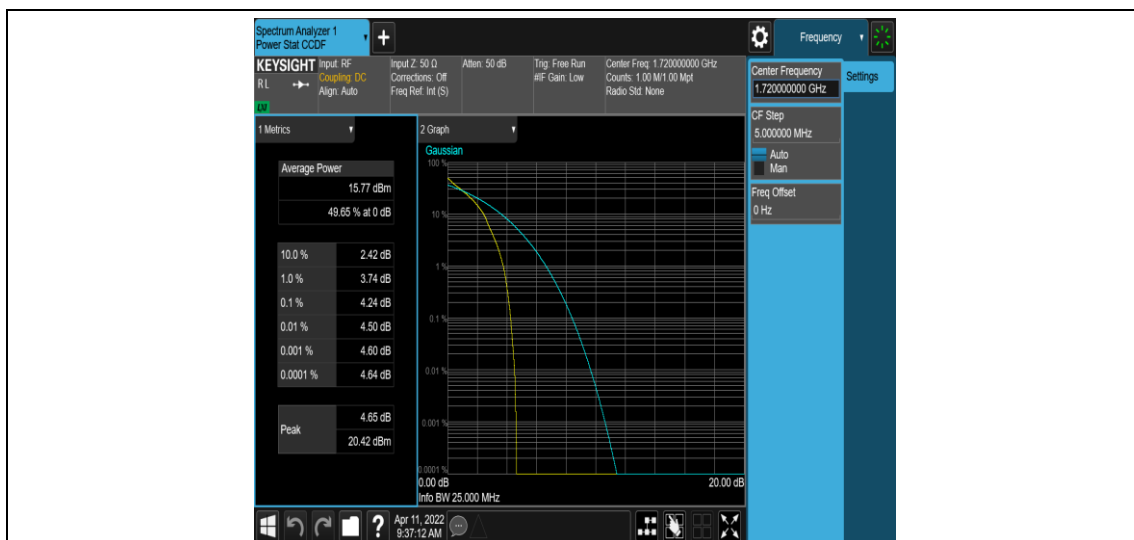
Band4-15MHz-16QAM-20175-75RB#0



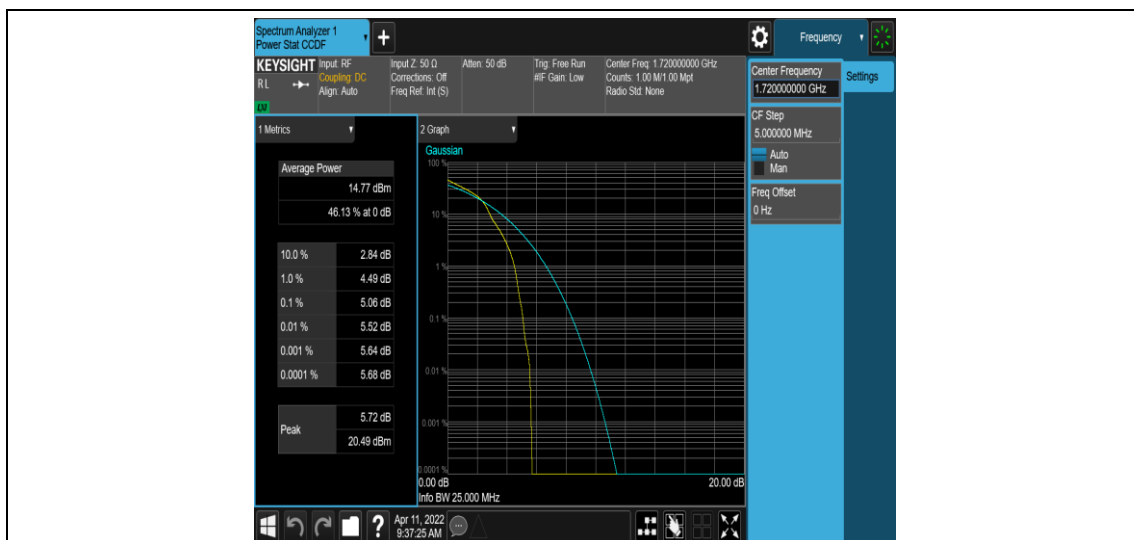
Band4-15MHz-16QAM-20325-1RB#0



Band4-15MHz-16QAM-20325-75RB#0







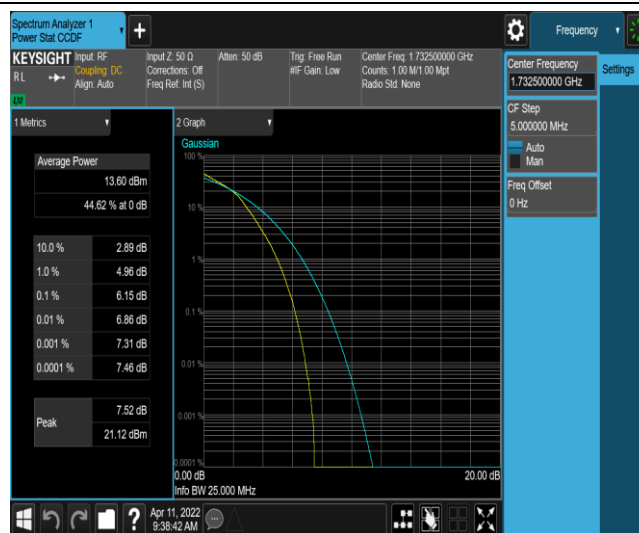
Band4-20MHz-16QAM-20050-1RB#0



Band4-20MHz-16QAM-20050-100RB#0



Band4-20MHz-16QAM-20175-1RB#0



Band4-20MHz-16QAM-20175-100RB#0



Band4-20MHz-16QAM-20300-1RB#0



Band4-20MHz-16QAM-20300-100RB#0

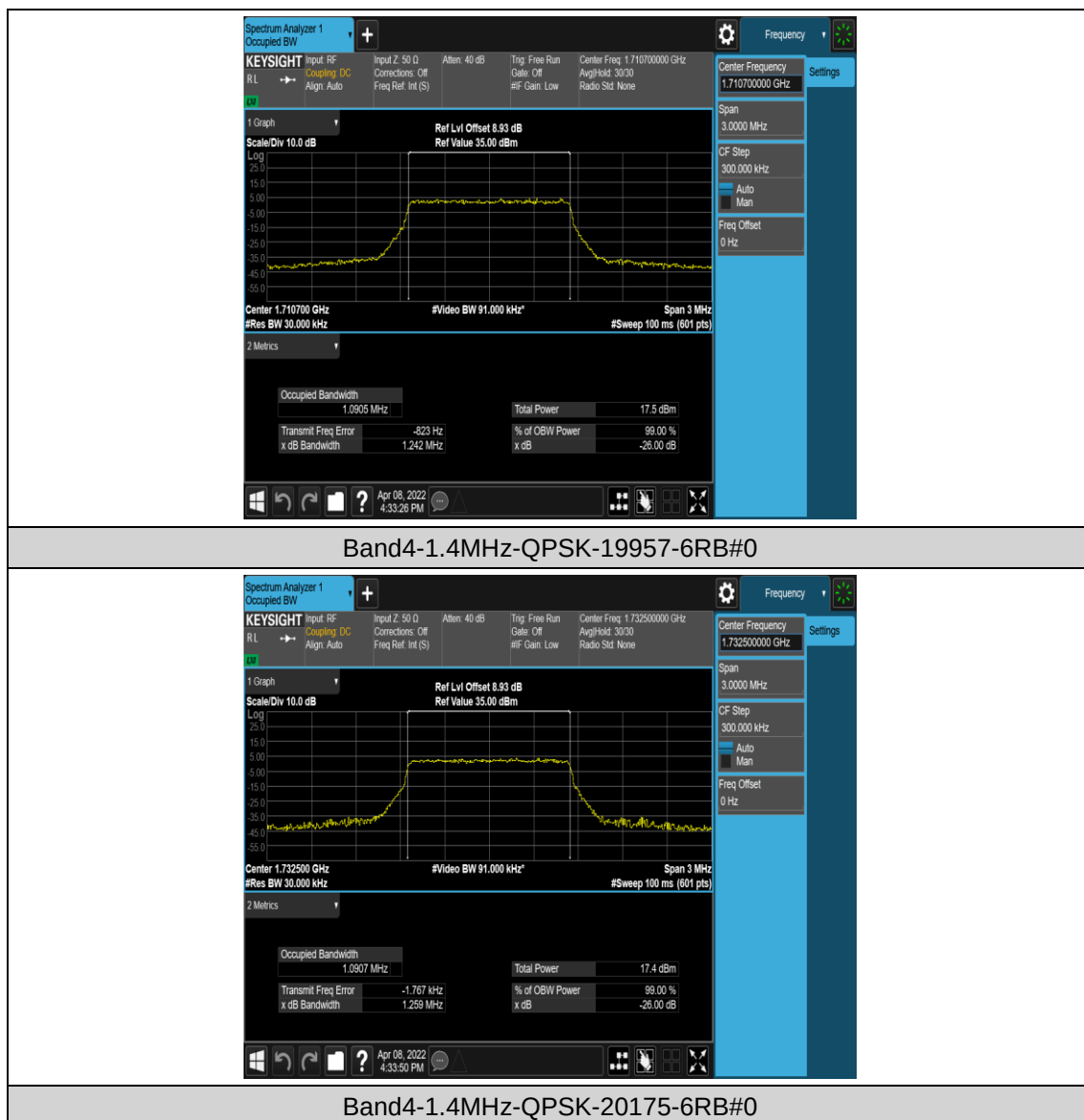
## Appendix C: 26dB Bandwidth and Occupied Bandwidth

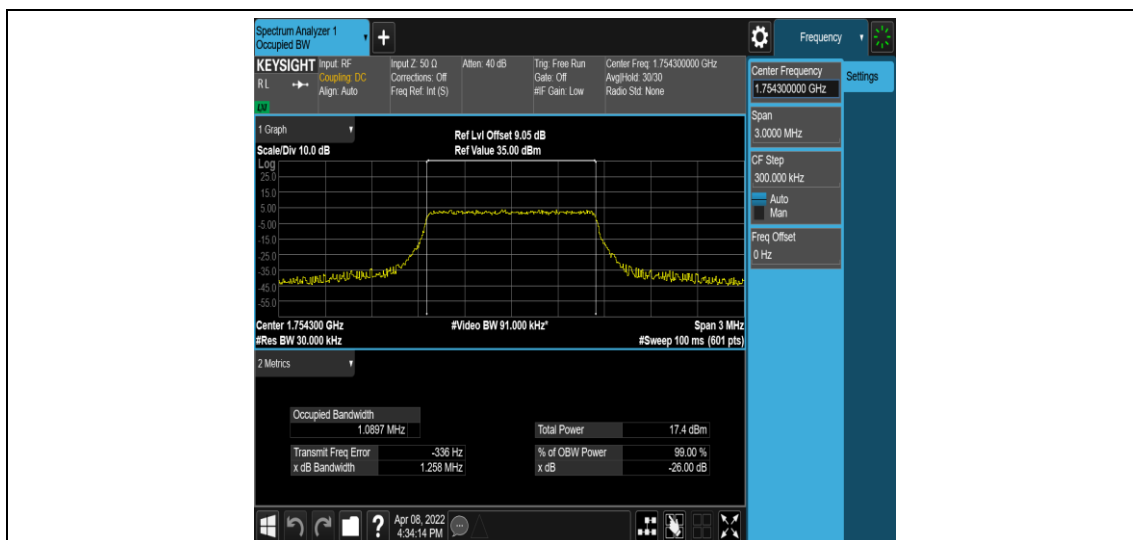
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0905                   | 1.242                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0907                   | 1.259                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0897                   | 1.258                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.0861                   | 1.266                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0900                   | 1.226                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0903                   | 1.272                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6952                   | 2.852                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.6962                   | 2.873                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.6894                   | 2.873                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.6869                   | 2.876                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.6908                   | 2.865                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.6967                   | 2.865                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.4974                   | 4.856                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.4979                   | 4.830                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5082                   | 4.818                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5064                   | 4.823                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5036                   | 4.852                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.5010                   | 4.841                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9893                   | 9.550                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.9857                   | 9.519                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.9833                   | 9.521                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 8.9709                   | 9.518                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 8.9734                   | 9.504                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 8.9799                   | 9.518                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.463                   | 14.27                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.466                   | 14.26                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.478                   | 14.26                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.467                   | 14.25                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.458                   | 14.26                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.471                   | 14.26                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.941                   | 18.95                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 17.929                   | 18.97                | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 17.950                   | 18.95                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 100RB#0          | 17.930                   | 18.94                | PASS    |

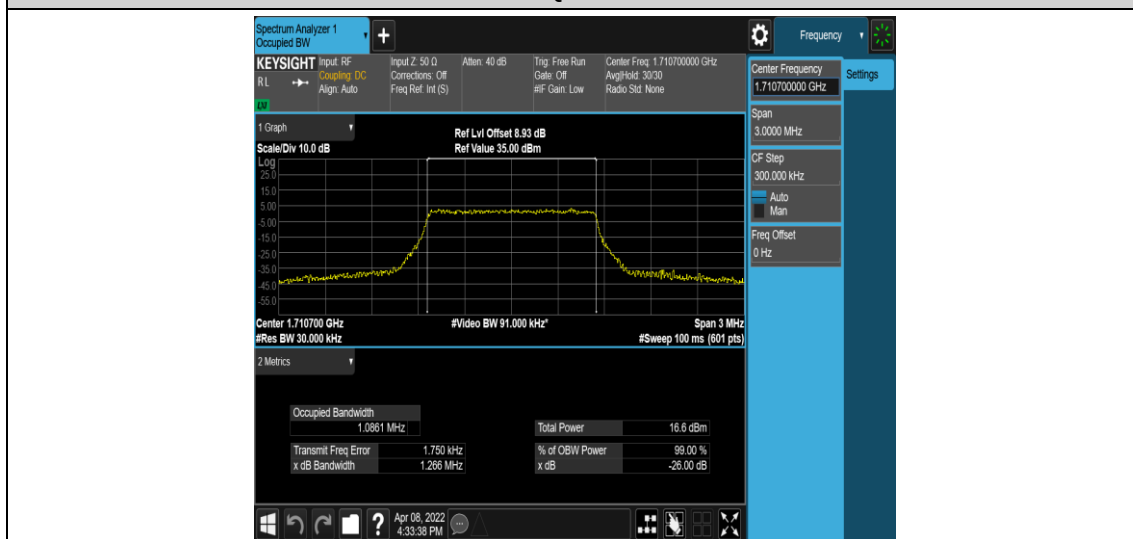
|       |       |       |       |         |        |       |      |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 17.927 | 18.95 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.959 | 18.98 | PASS |

## Test Graphs

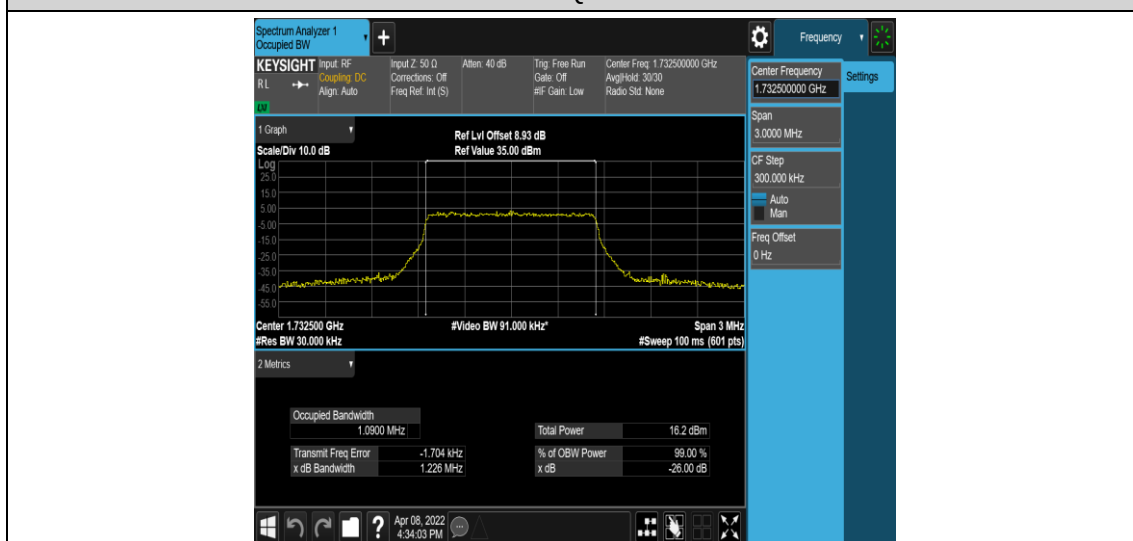




Band4-1.4MHz-QPSK-20393-6RB#0

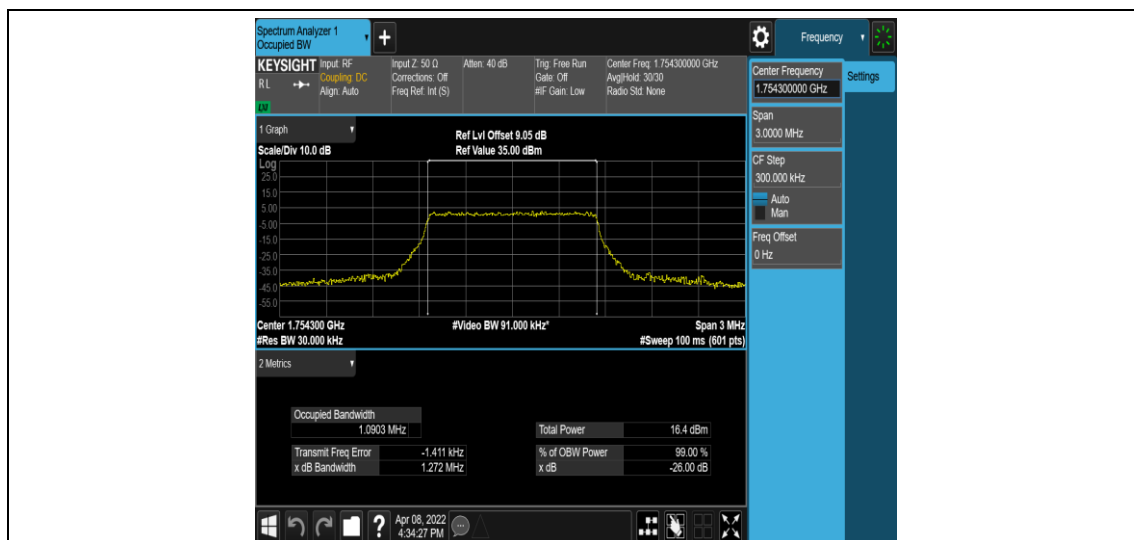


Band4-1.4MHz-16QAM-19957-6RB#0

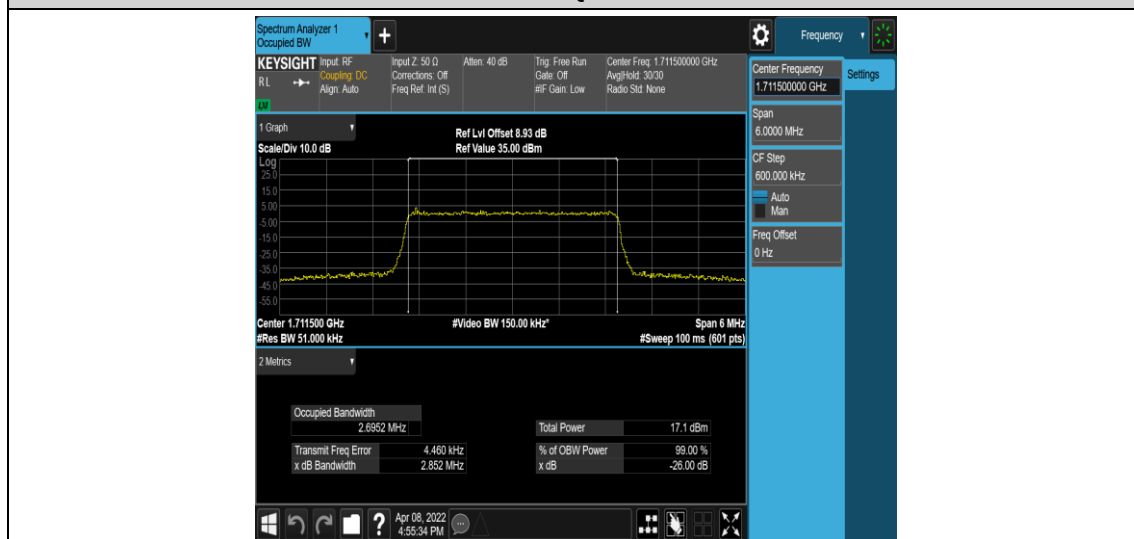


Band4-1.4MHz-16QAM-20175-6RB#0

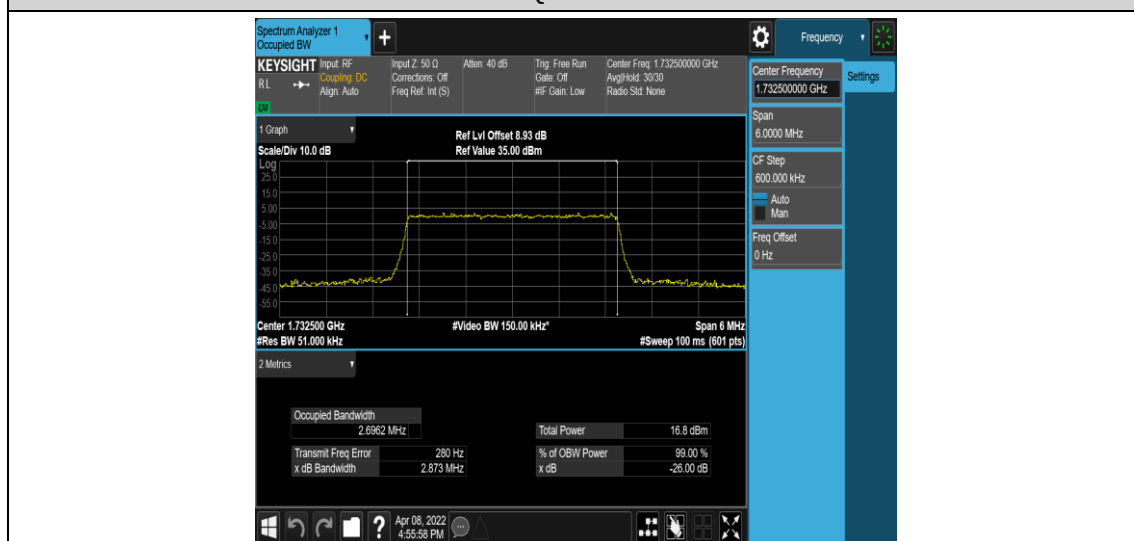




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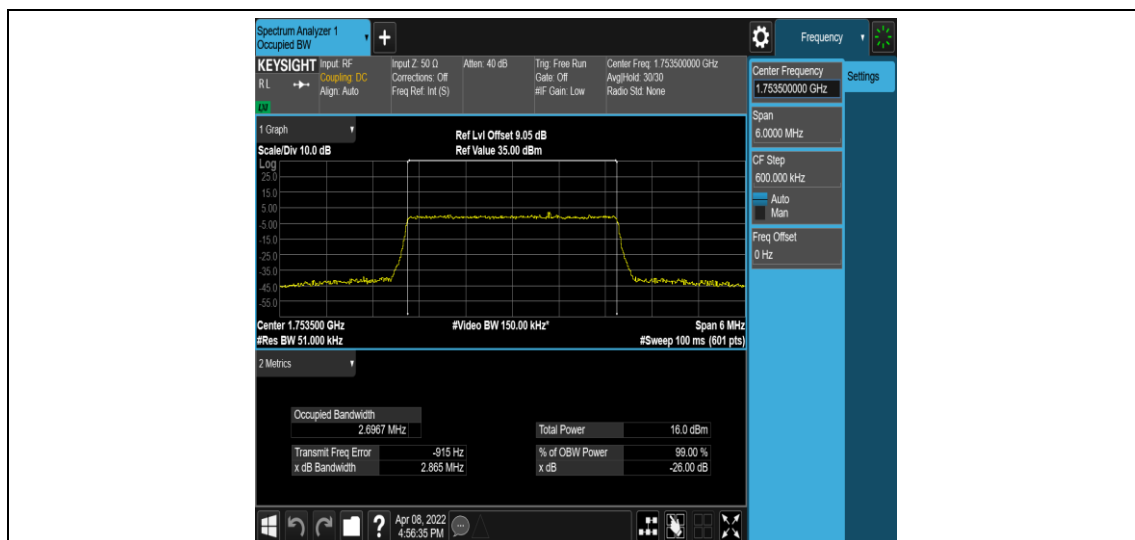


Band4-3MHz-QPSK-19965-15RB#0

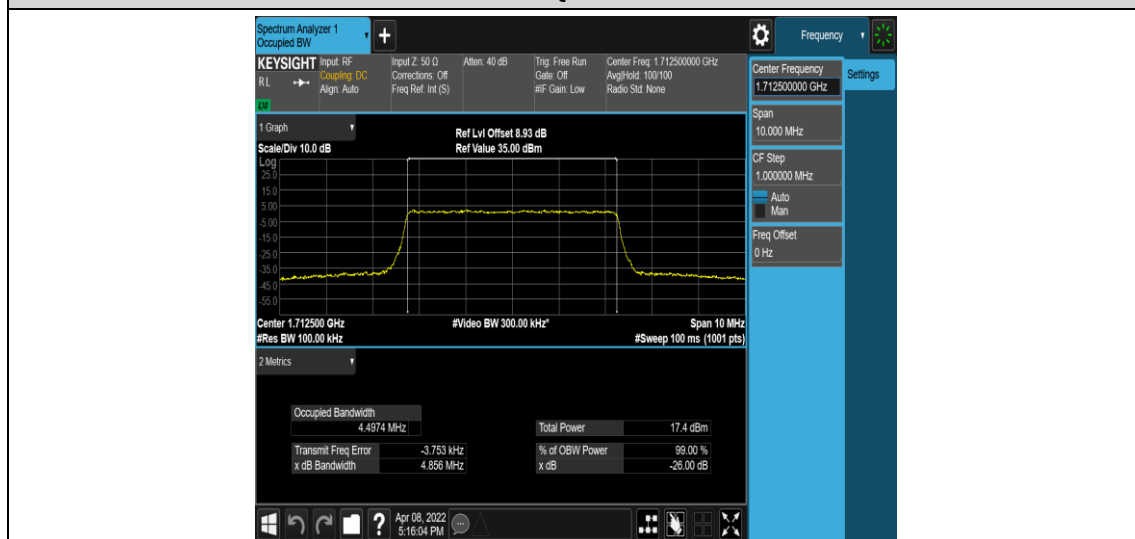


Band4-3MHz-QPSK-20175-15RB#0

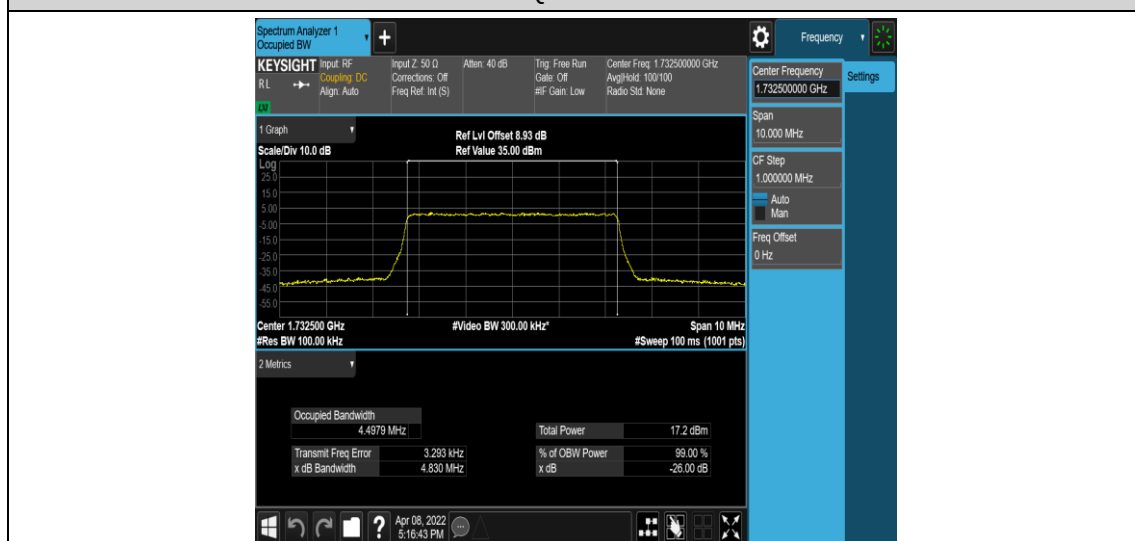




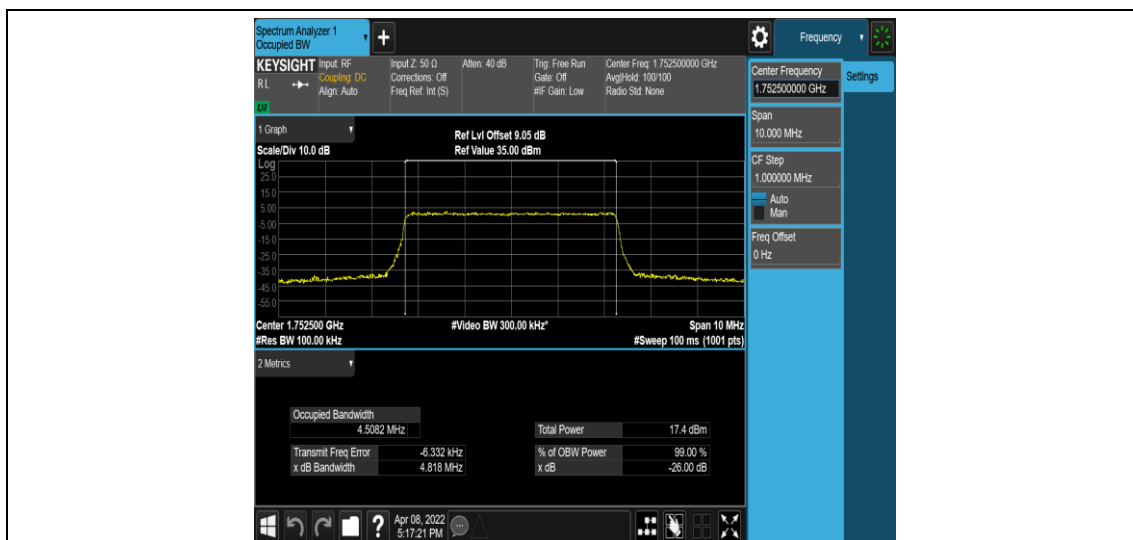
Band4-3MHz-16QAM-20385-15RB#0



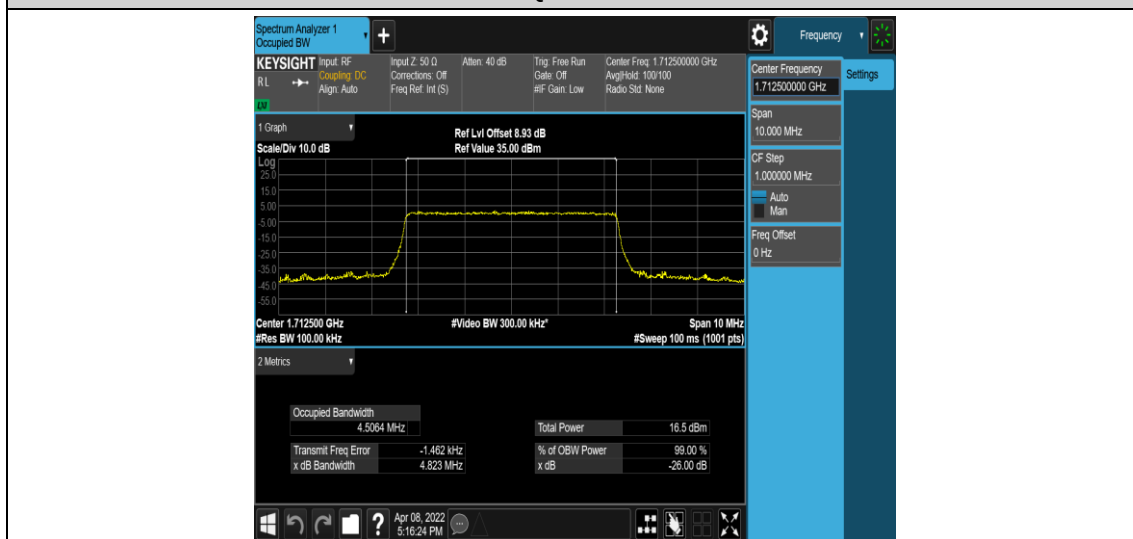
Band4-5MHz-QPSK-19975-25RB#0



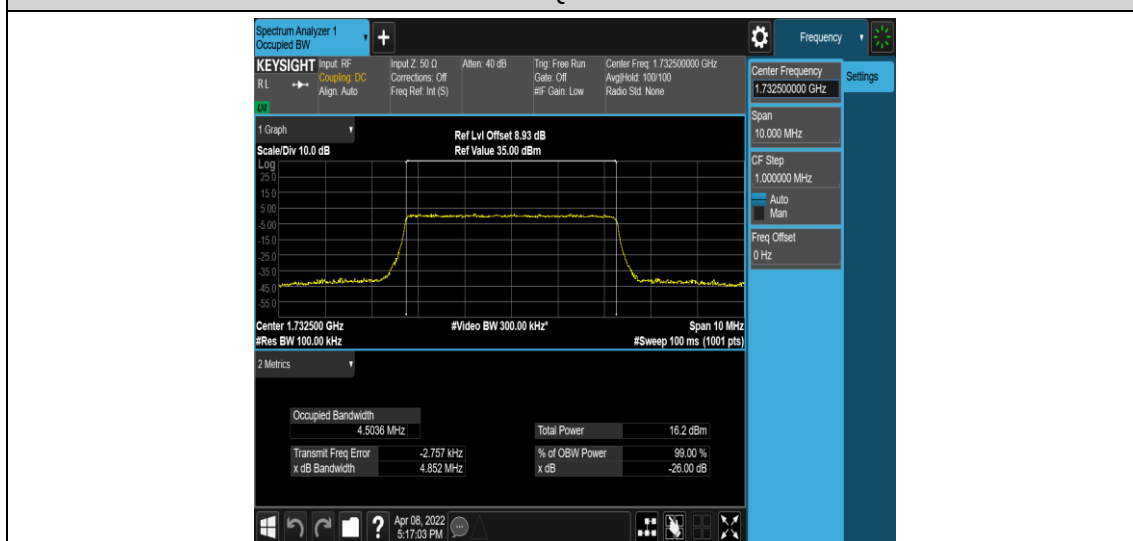
Band4-5MHz-QPSK-20175-25RB#0



Band4-5MHz-QPSK-20375-25RB#0

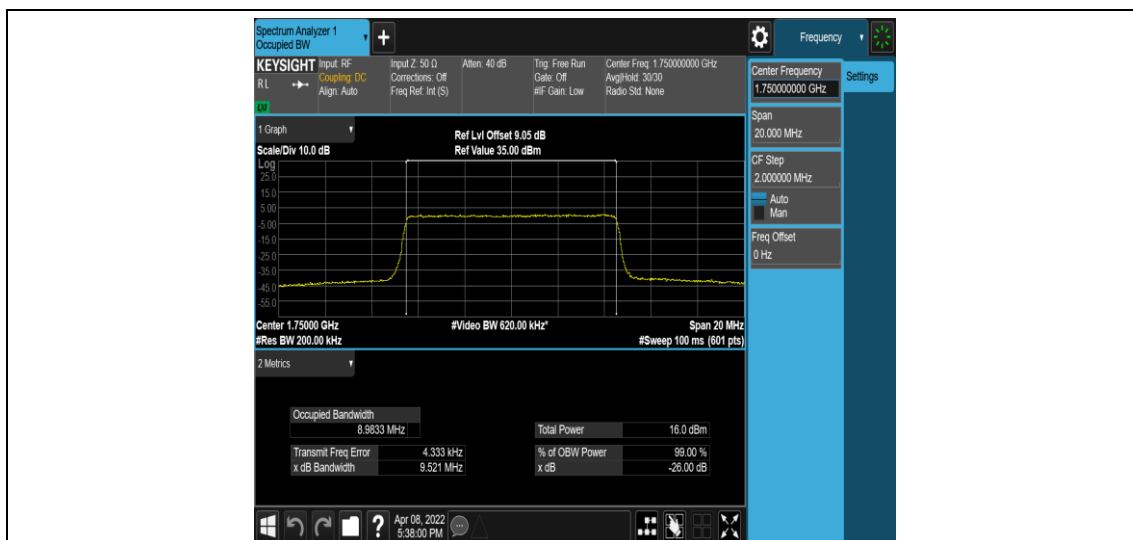


Band4-5MHz-16QAM-19975-25RB#0

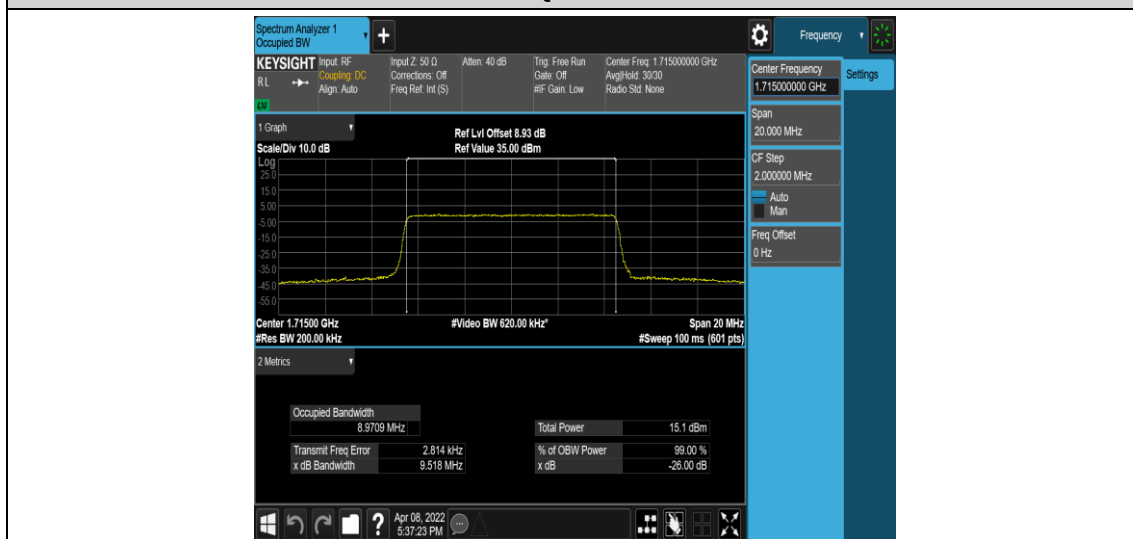


Band4-5MHz-16QAM-20175-25RB#0

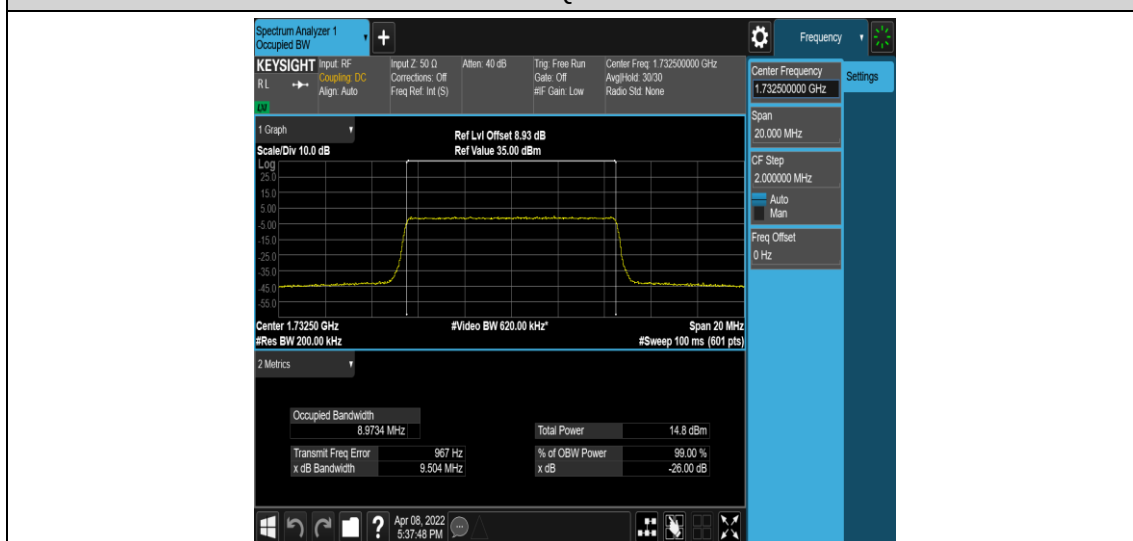




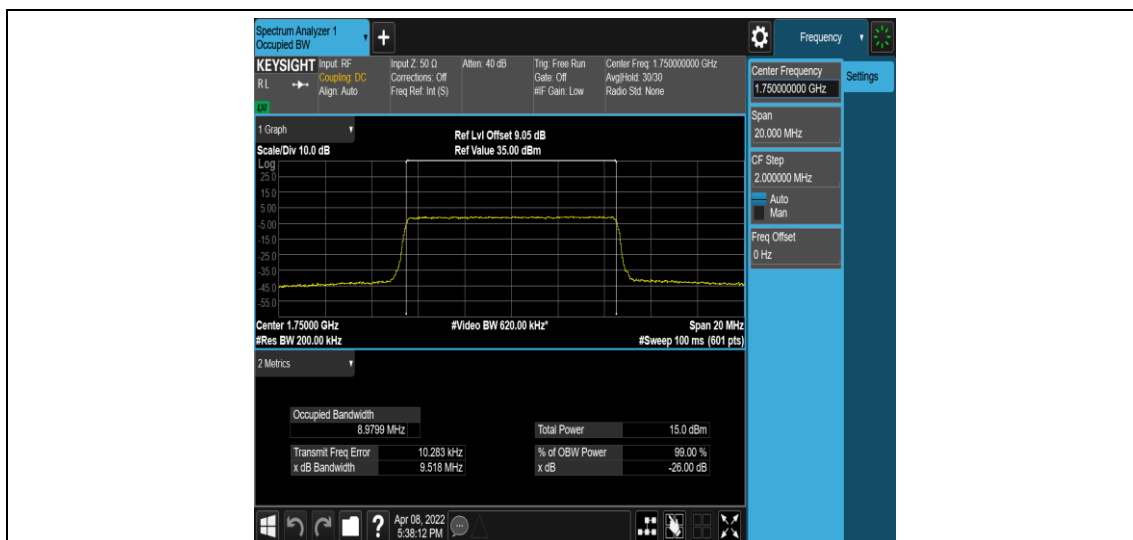
Band4-10MHz-QPSK-20350-50RB#0



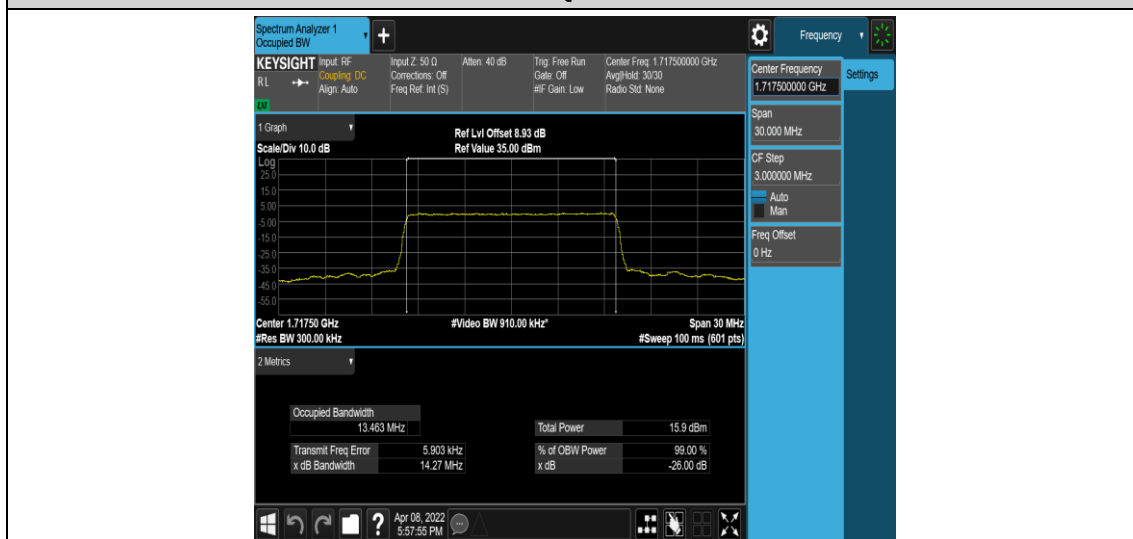
Band4-10MHz-16QAM-20000-50RB#0



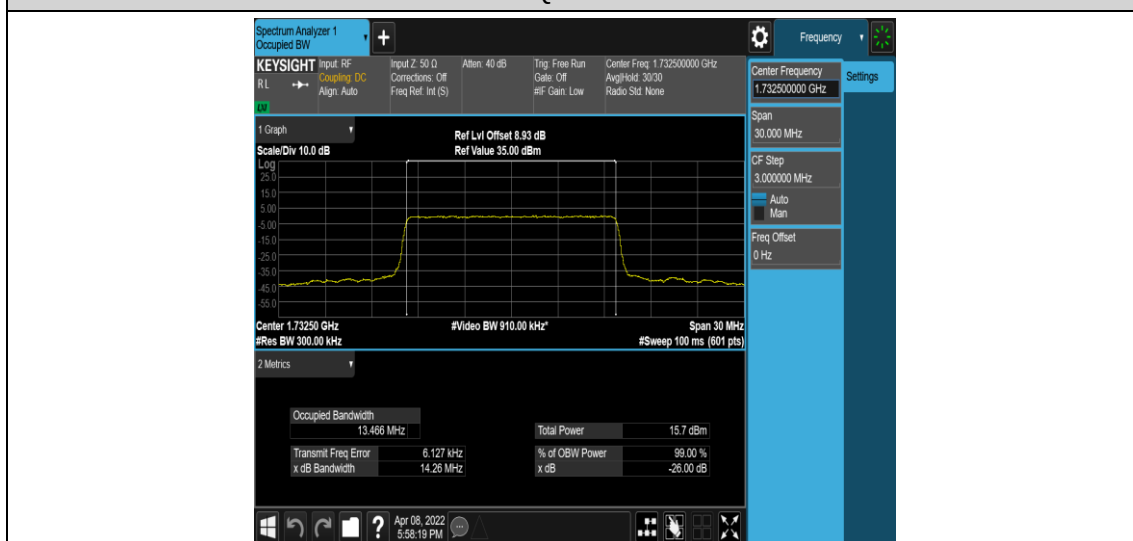
Band4-10MHz-16QAM-20175-50RB#0



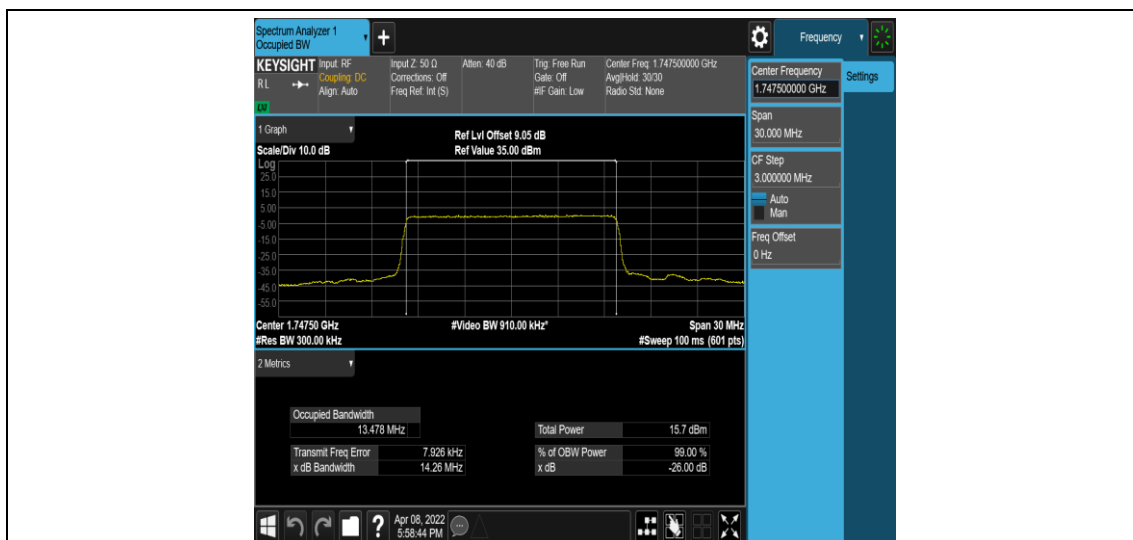
Band4-10MHz-16QAM-20350-50RB#0



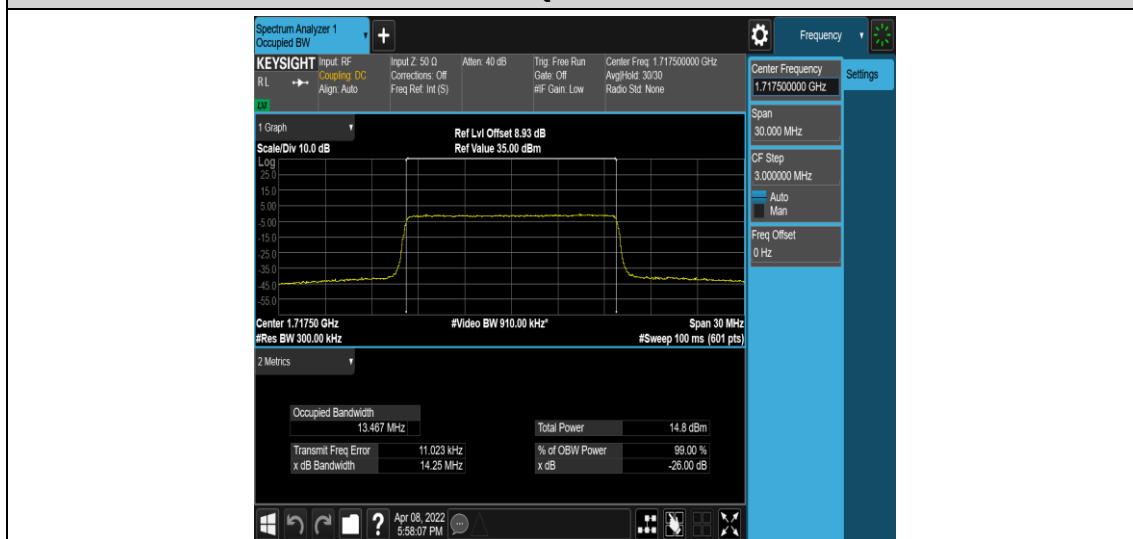
Band4-15MHz-QPSK-20025-75RB#0



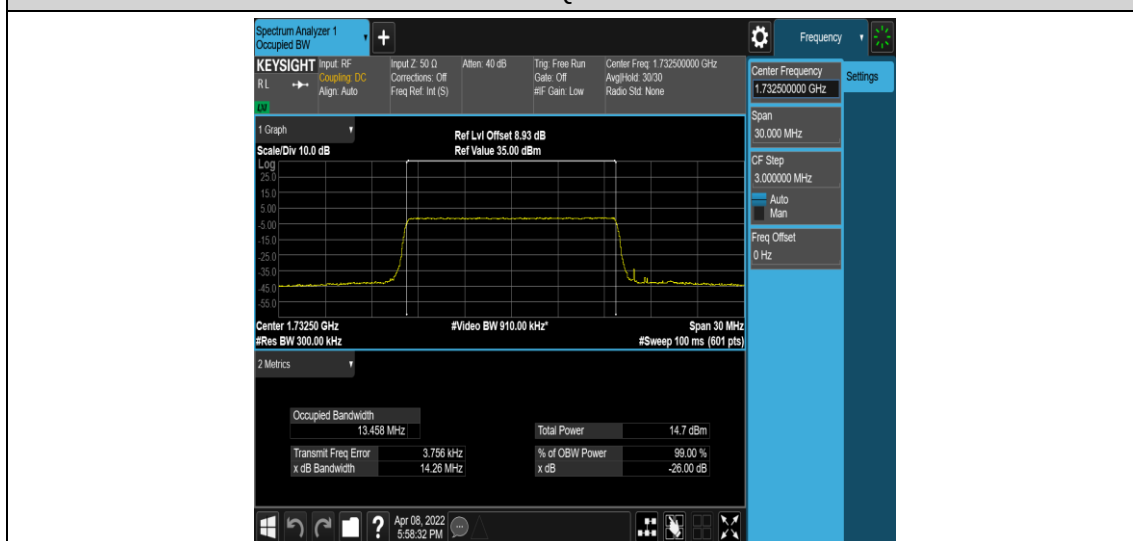
Band4-15MHz-QPSK-20175-75RB#0



Band4-15MHz-QPSK-20325-75RB#0

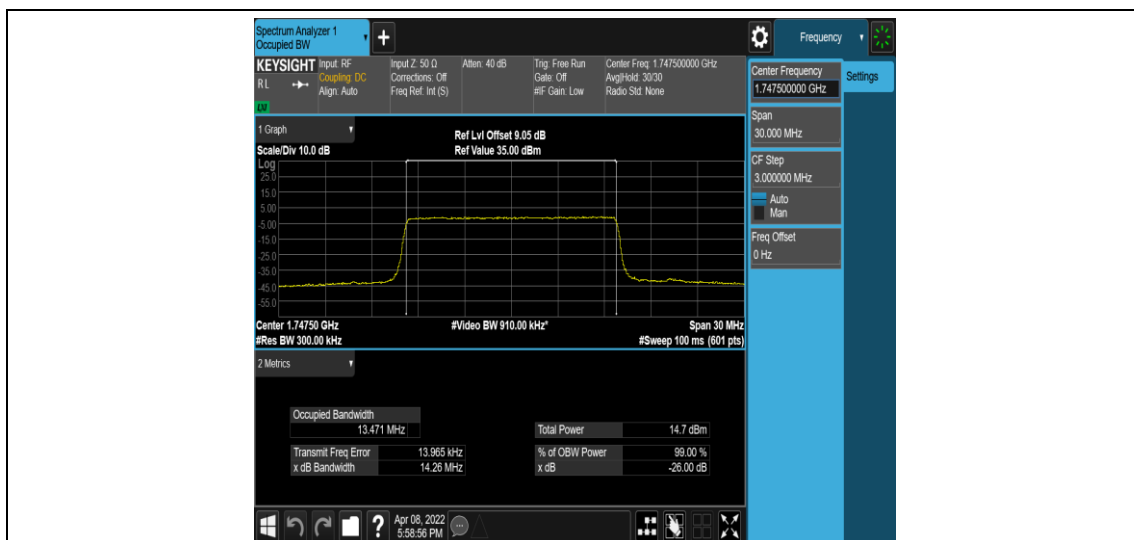


Band4-15MHz-16QAM-20025-75RB#0

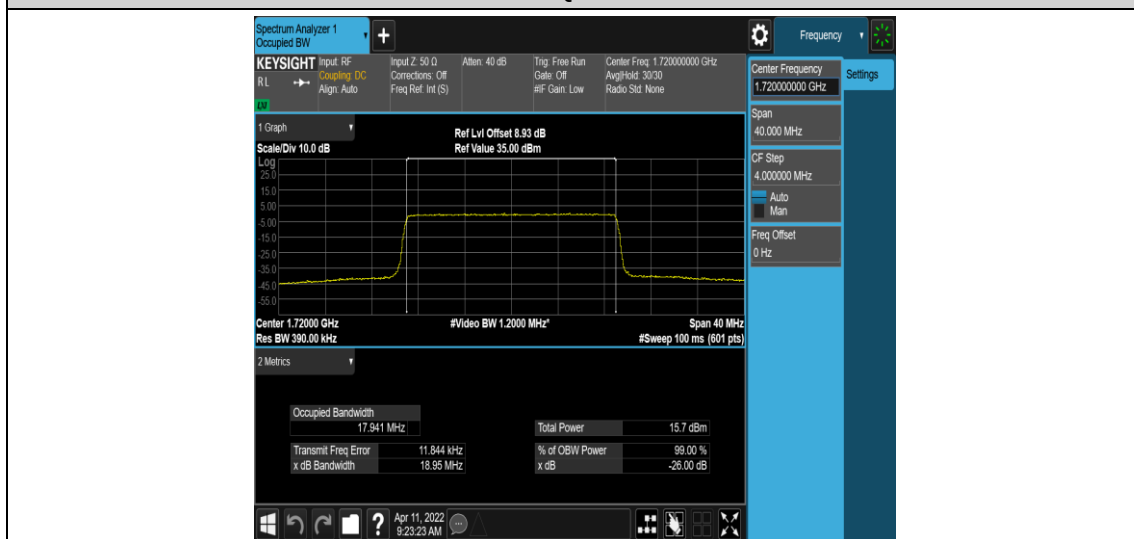


Band4-15MHz-16QAM-20175-75RB#0

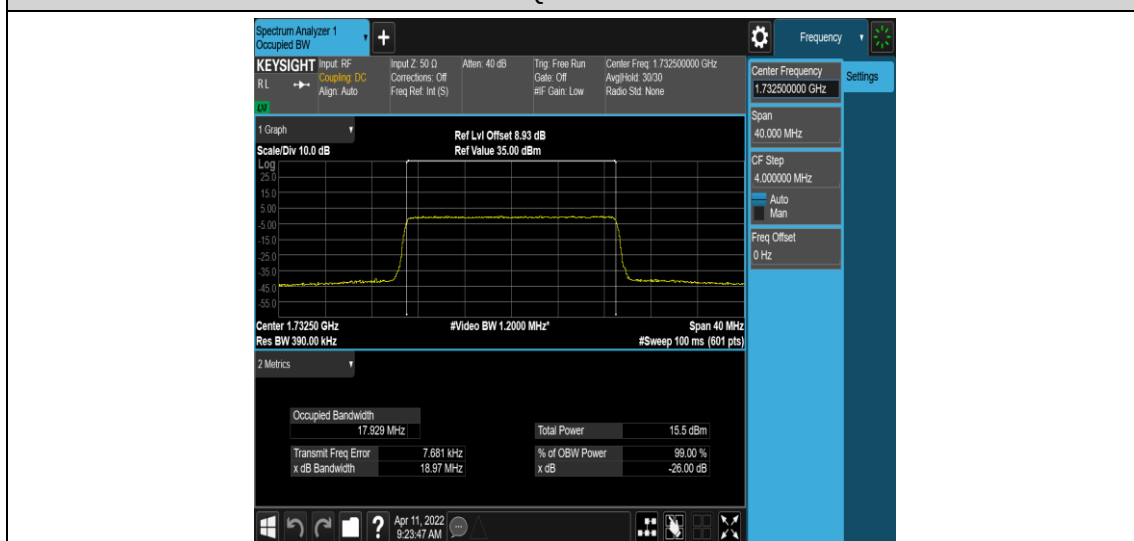




Band4-15MHz-16QAM-20325-75RB#0

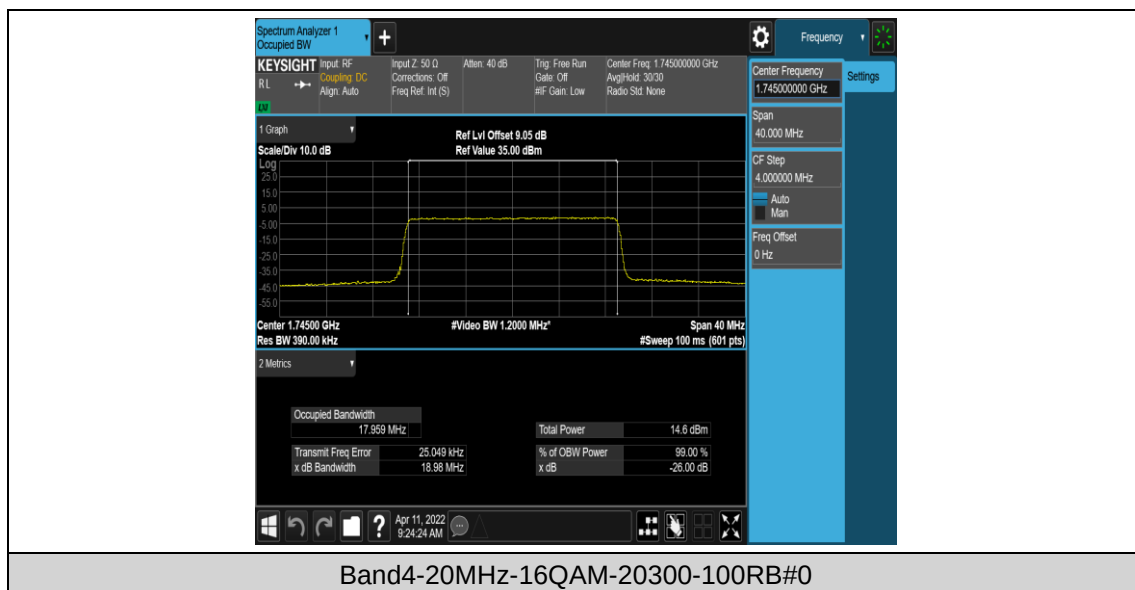


Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0





## Appendix D: Band Edge

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | -22.15      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | -38.60      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | -30.48      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | -39.39      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | -24.58      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | -30.63      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | -24.07      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | -39.60      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | -33.42      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | -40.23      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | -23.41      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | -32.60      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | -20.04      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#14           | -50.09      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | -31.98      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | -48.74      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#14           | -20.81      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | -33.06      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | -21.84      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#14           | -49.52      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | -33.59      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | -50.28      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#14           | -22.83      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | -33.56      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | -18.15      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#24           | -48.25      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | -29.24      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | -48.77      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#24           | -19.09      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | -30.35      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | -18.28      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#24           | -48.43      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | -31.23      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | -48.51      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#24           | -19.38      | PASS    |

|       |       |       |       |         |        |      |
|-------|-------|-------|-------|---------|--------|------|
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | -31.06 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | -21.93 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | -48.05 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | -33.93 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | -48.34 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | -17.83 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | -34.55 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | -21.49 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | -48.80 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | -37.33 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | -48.45 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | -18.49 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | -36.42 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | -21.86 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | -46.46 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | -35.39 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | -45.23 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | -22.06 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | -34.25 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | -22.97 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | -47.06 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | -37.44 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | -44.42 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | -23.45 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | -36.44 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | -24.59 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | -46.49 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | -38.79 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | -46.17 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | -25.40 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | -37.59 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | -24.52 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | -44.69 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -39.22 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | -46.37 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | -24.87 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -38.45 | PASS |

## Test Graphs

