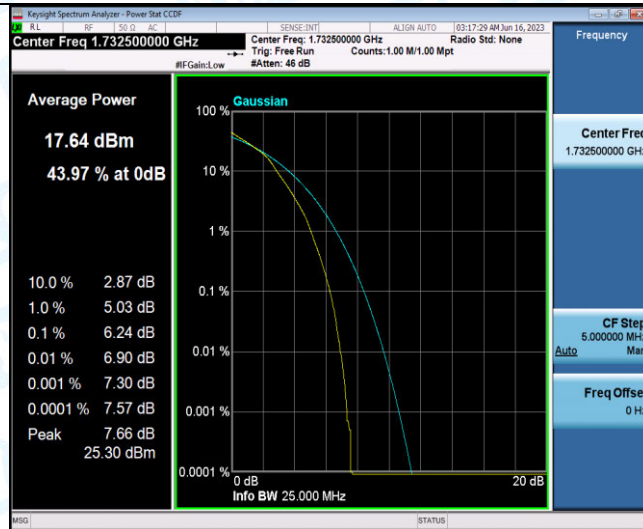
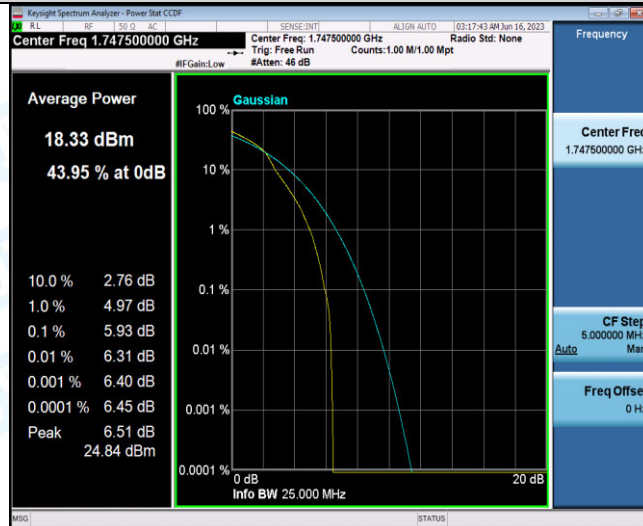
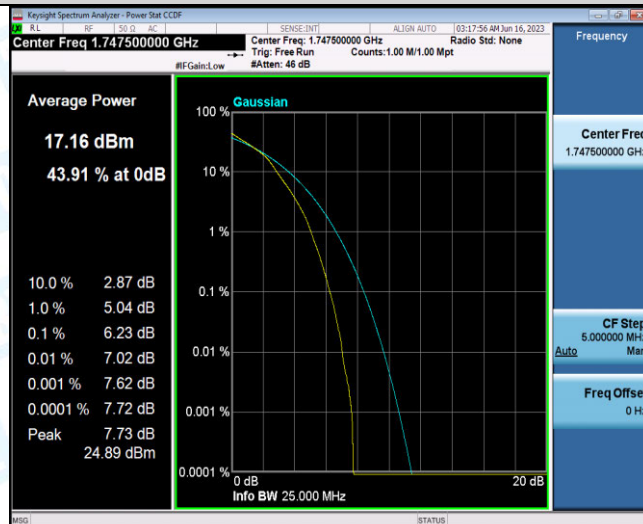




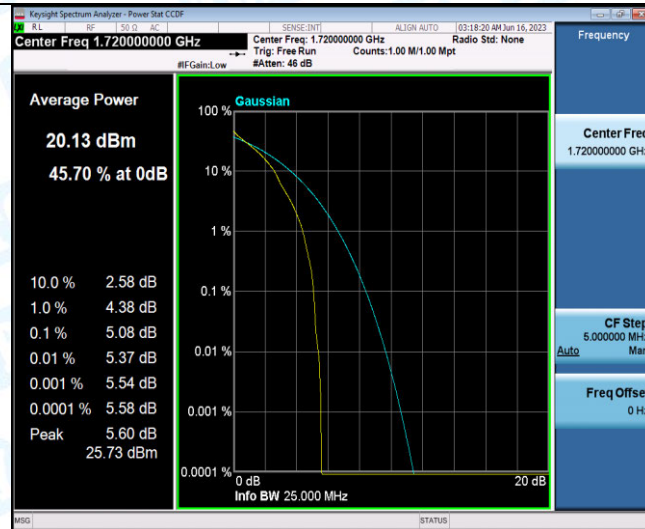
Band4-15MHz-16QAM-20325-1RB#0



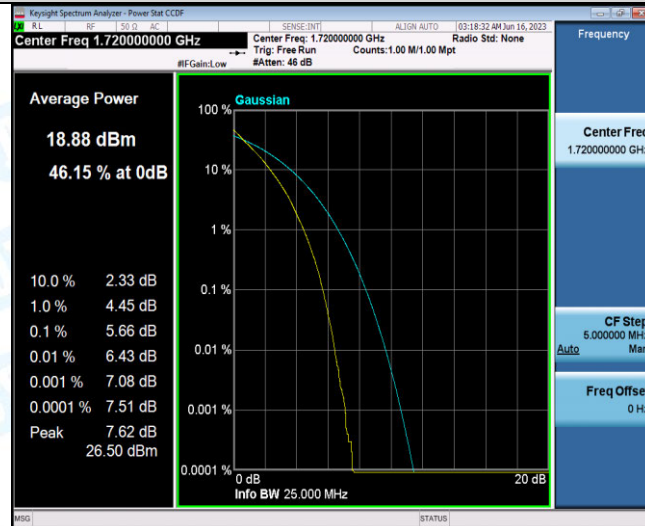
Band4-15MHz-16QAM-20325-27RB#0



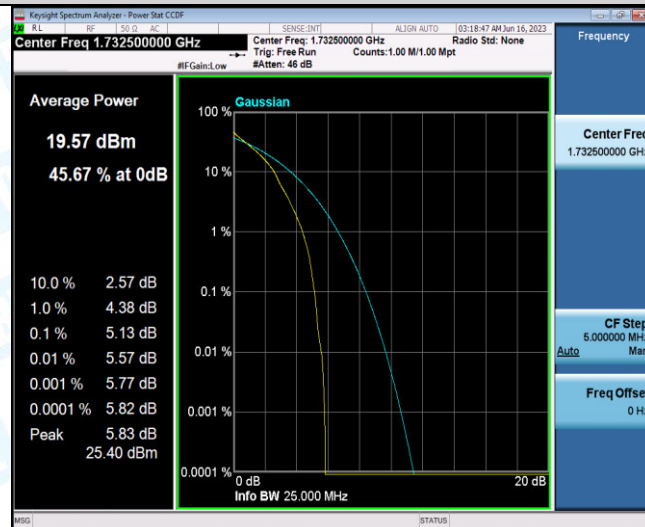
Band4-20MHz-QPSK-20050-1RB#0



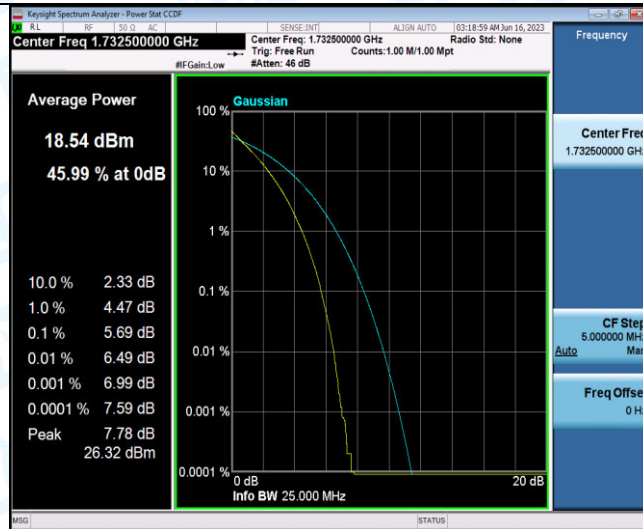
Band4-20MHz-QPSK-20050-100RB#0



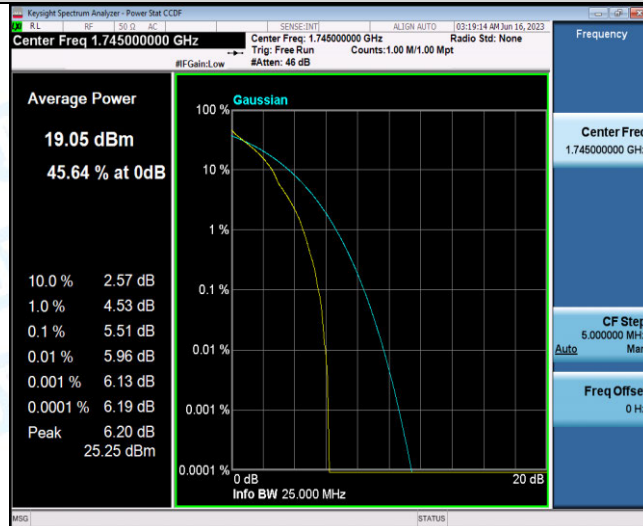
Band4-20MHz-QPSK-20175-1RB#0



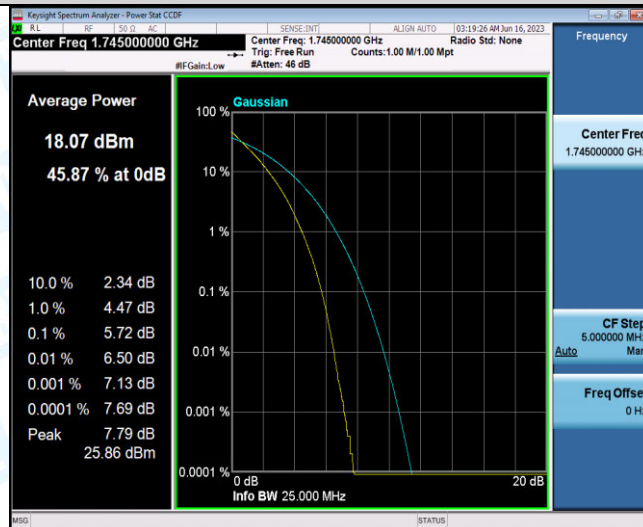
Band4-20MHz-QPSK-20175-100RB#0



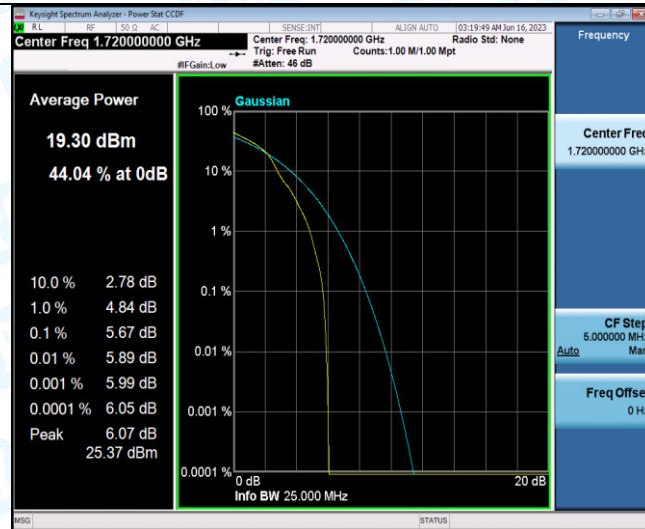
Band4-20MHz-QPSK-20300-1RB#0



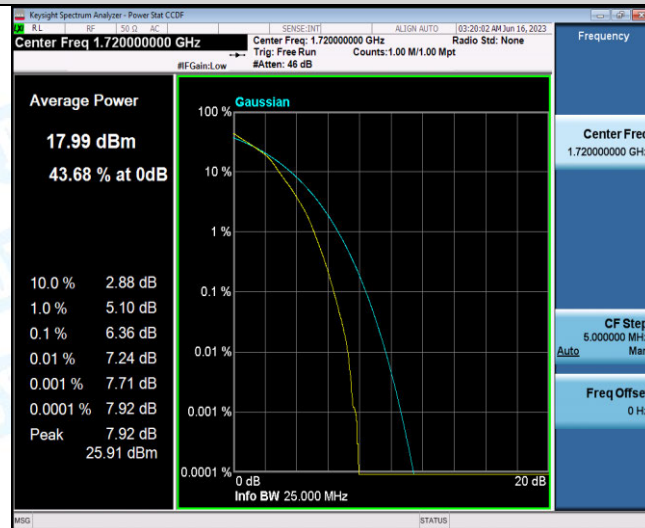
Band4-20MHz-QPSK-20300-100RB#0



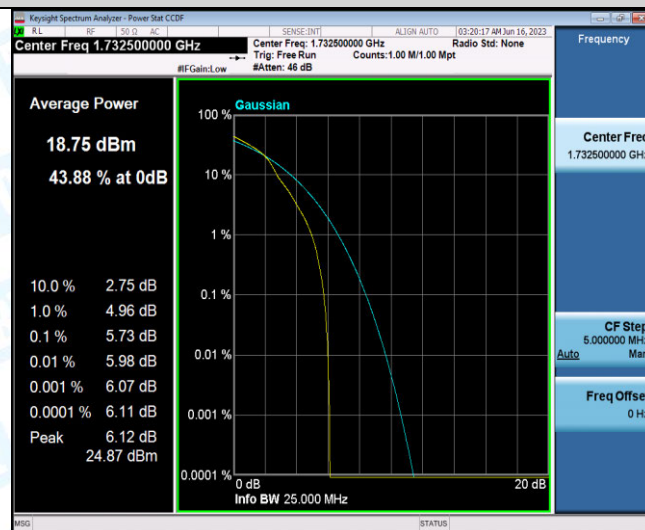
Band4-20MHz-16QAM-20050-1RB#0



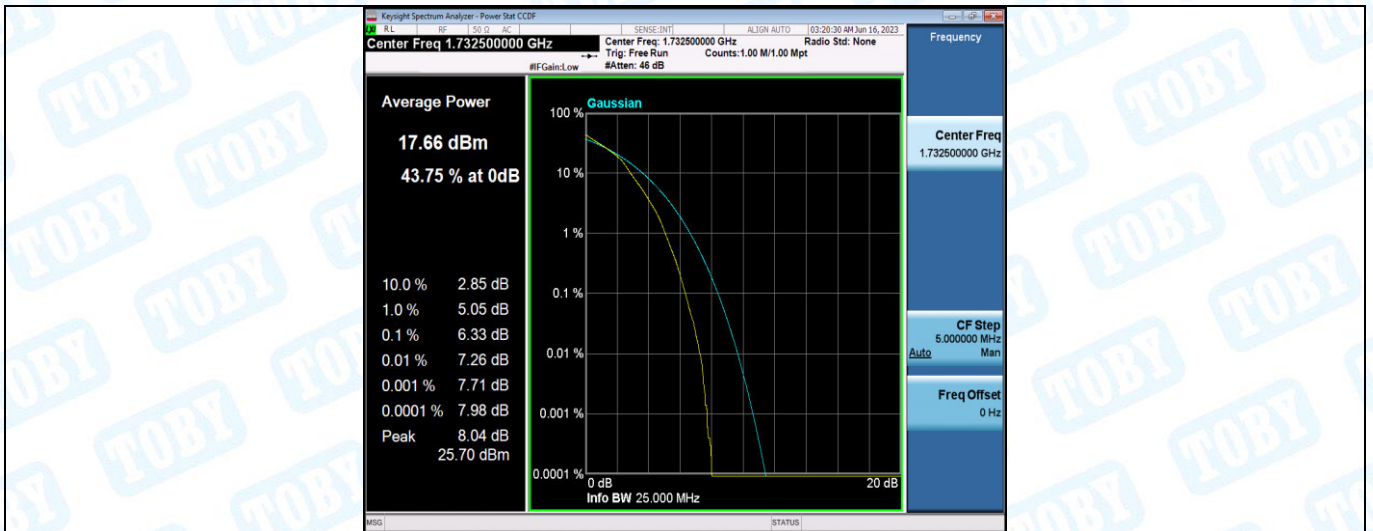
Band4-20MHz-16QAM-20050-27RB#0



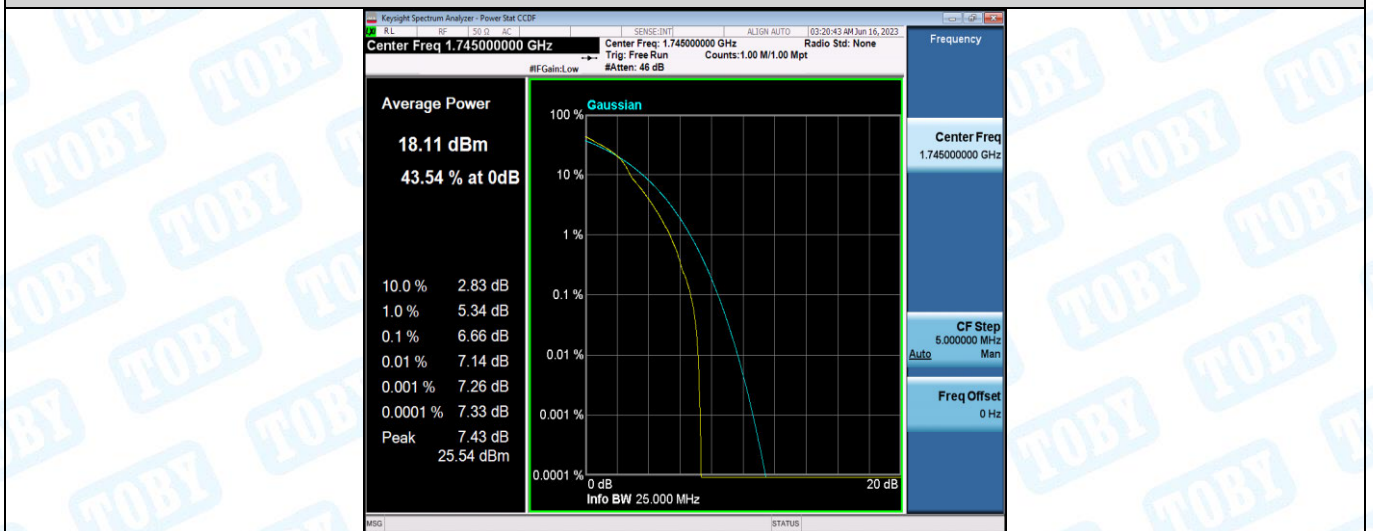
Band4-20MHz-16QAM-20175-1RB#0



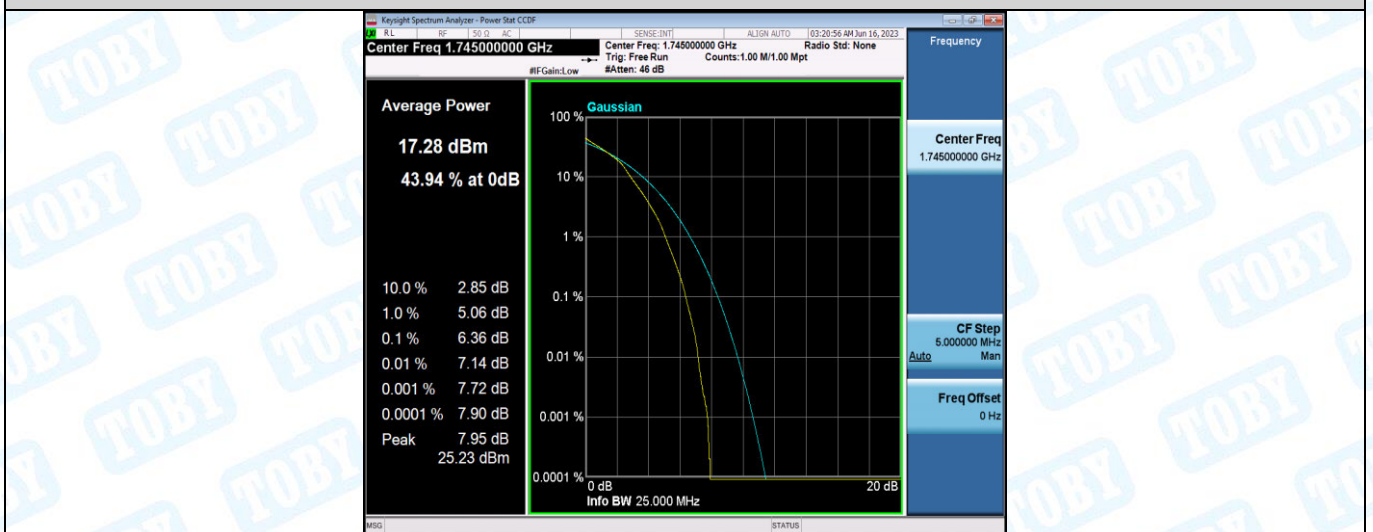
Band4-20MHz-16QAM-20175-27RB#0



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



Band4-20MHz-16QAM-20300-27RB#0



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

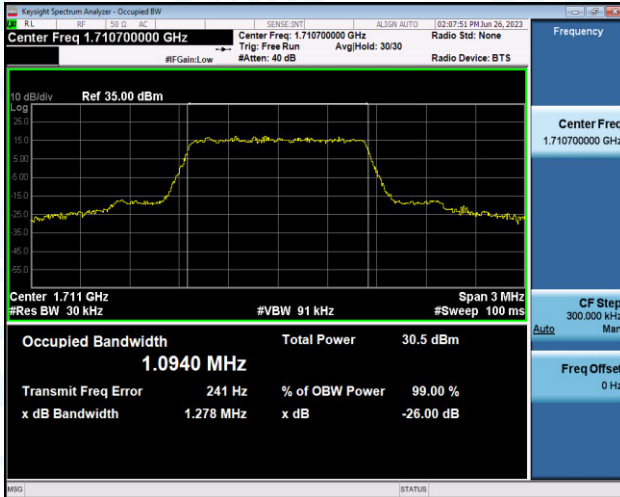
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0940                   | 1.278                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.0988                   | 1.290                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0981                   | 1.275                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0958                   | 1.285                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0933                   | 1.270                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0999                   | 1.297                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6891                   | 2.946                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.6869                   | 2.956                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.6945                   | 2.948                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.6828                   | 2.969                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.6917                   | 2.953                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.6801                   | 2.975                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.4996                   | 4.928                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5000                   | 4.892                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.4974                   | 4.906                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5024                   | 4.938                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5033                   | 4.910                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.4972                   | 4.879                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9716                   | 9.775                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.9897                   | 9.754                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.9801                   | 10.35                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.478                   | 14.62                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.463                   | 14.70                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.473                   | 14.67                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.940                   | 19.40                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 17.975                   | 19.46                | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 17.936                   | 19.36                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 27RB#0           | 5.2674                   | 6.592                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20175   | 27RB#0           | 5.2994                   | 6.673                | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 27RB#0           | 5.2425                   | 6.587                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 27RB#0           | 5.1551                   | 6.315                | PASS    |

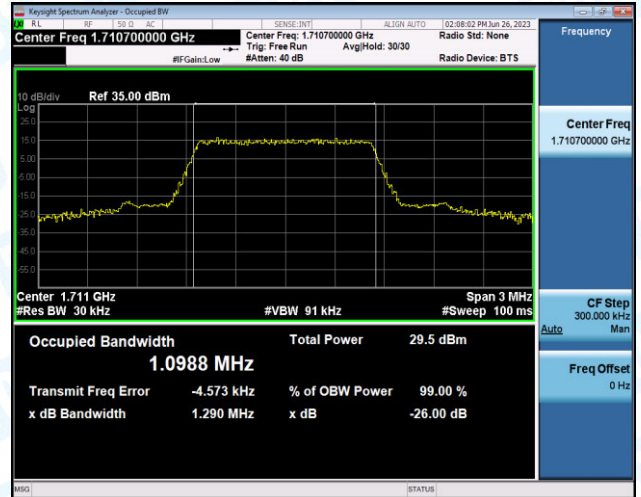
|       |       |       |       |        |        |       |      |
|-------|-------|-------|-------|--------|--------|-------|------|
| Band4 | 15MHz | 16QAM | 20175 | 27RB#0 | 5.1851 | 6.363 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 27RB#0 | 5.1496 | 6.359 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 27RB#0 | 5.0222 | 5.998 | PASS |
| Band4 | 10MHz | 16QAM | 20175 | 27RB#0 | 5.0119 | 5.914 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 27RB#0 | 5.0073 | 5.903 | PASS |

## Test Graphs

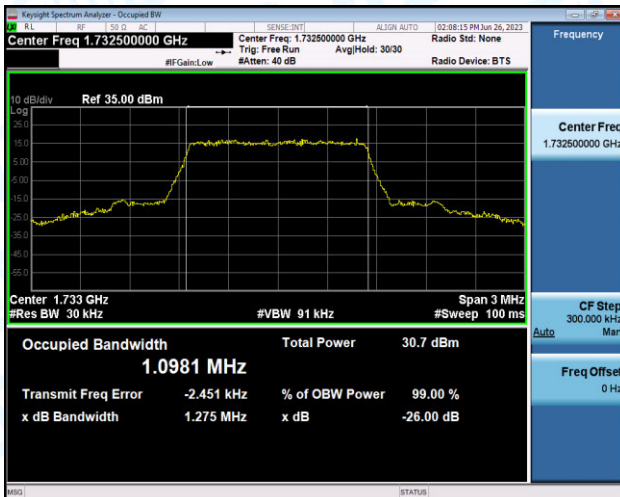
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



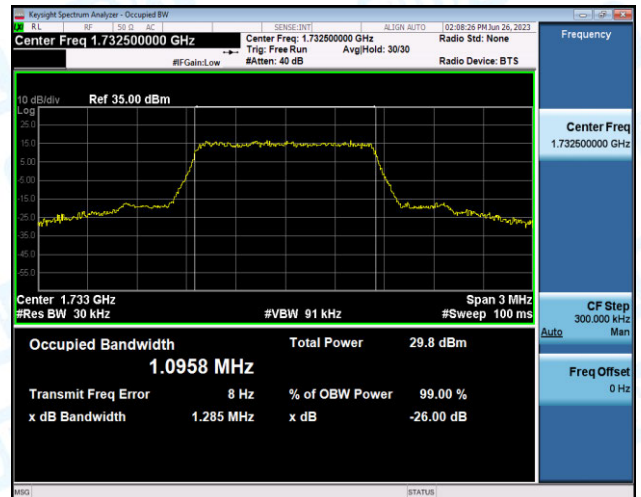
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



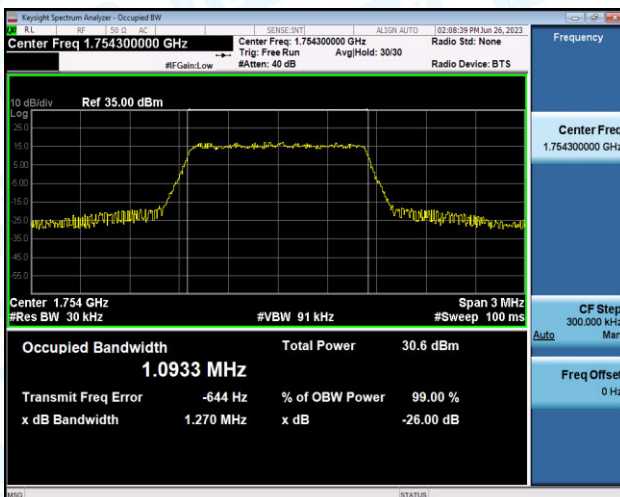
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



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



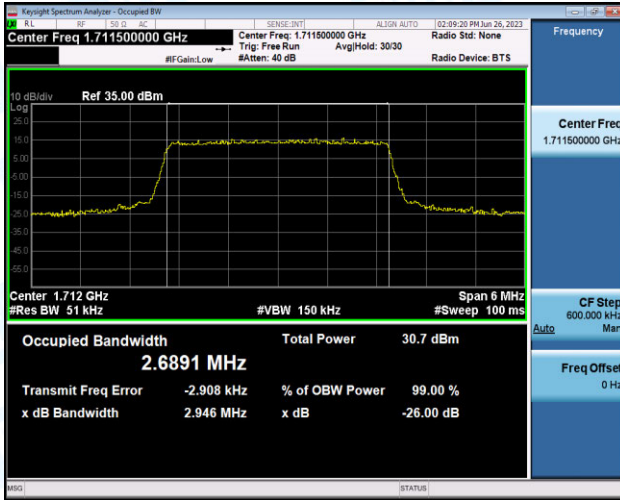
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



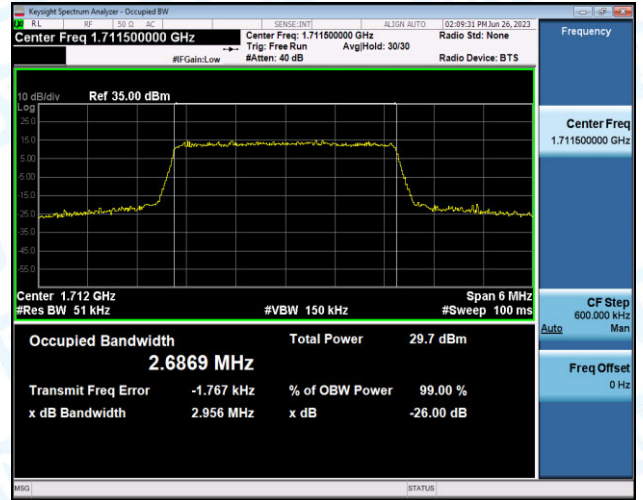
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



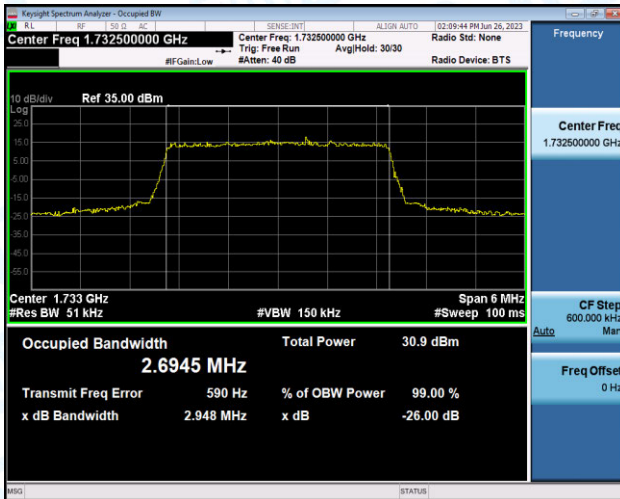
Band4-3MHz-QPSK-19965-15RB#0-PASS



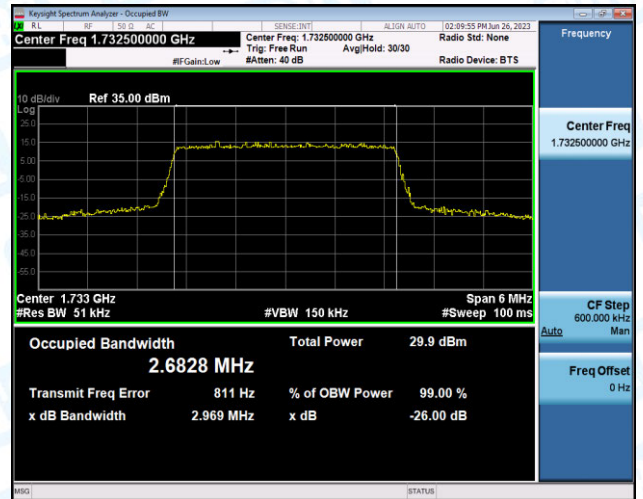
Band4-3MHz-16QAM-19965-15RB#0-PASS



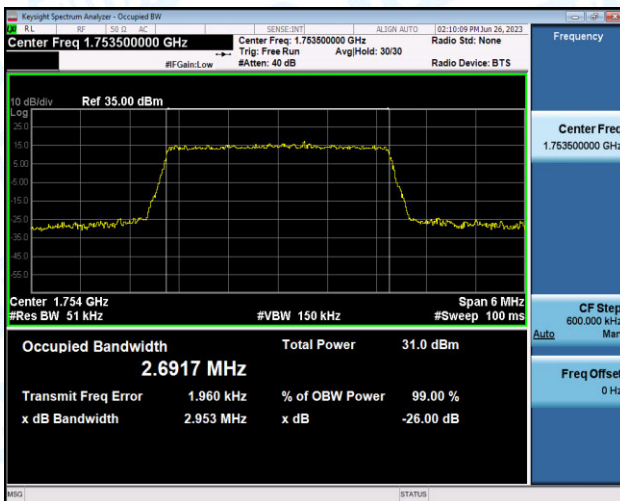
Band4-3MHz-QPSK-20175-15RB#0-PASS



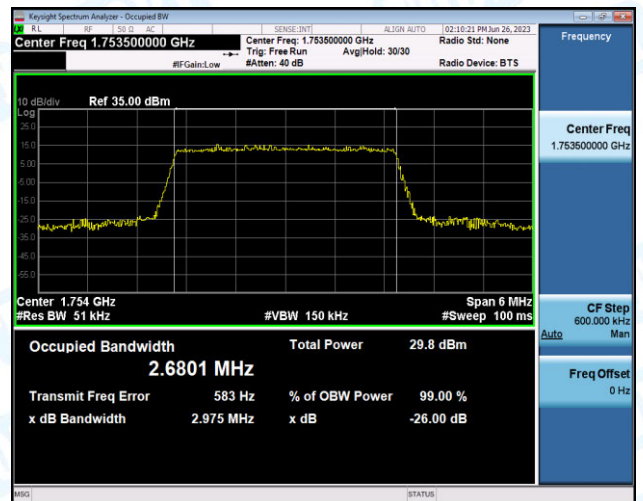
Band4-3MHz-16QAM-20175-15RB#0-PASS



Band4-3MHz-QPSK-20385-15RB#0-PASS



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

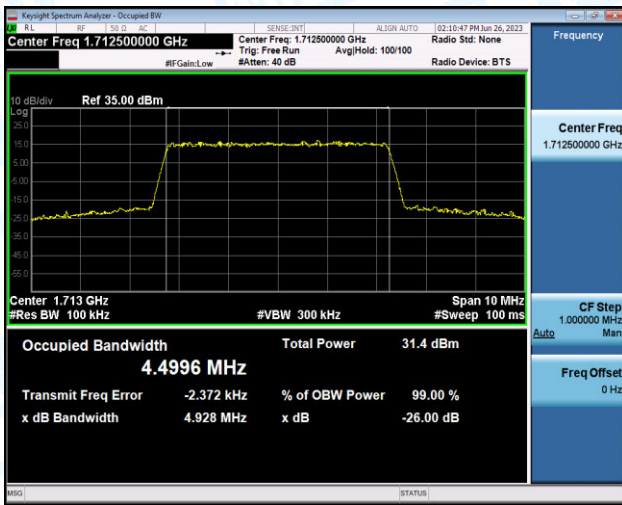


Band4-5MHz-QPSK-19975-25RB#0-PASS

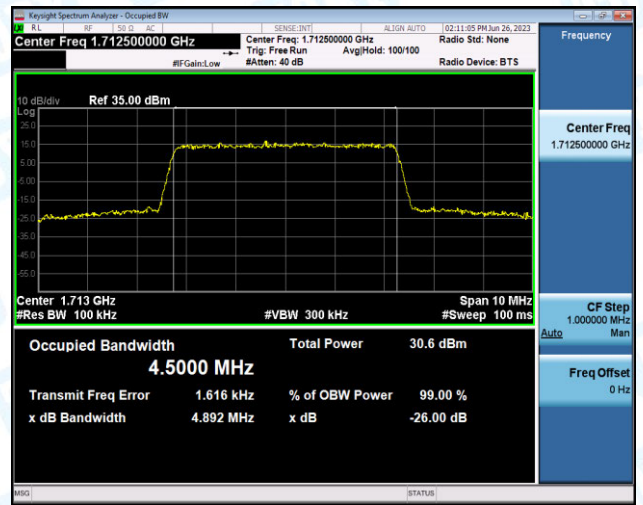


Band4-5MHz-16QAM-19975-25RB#0-PASS

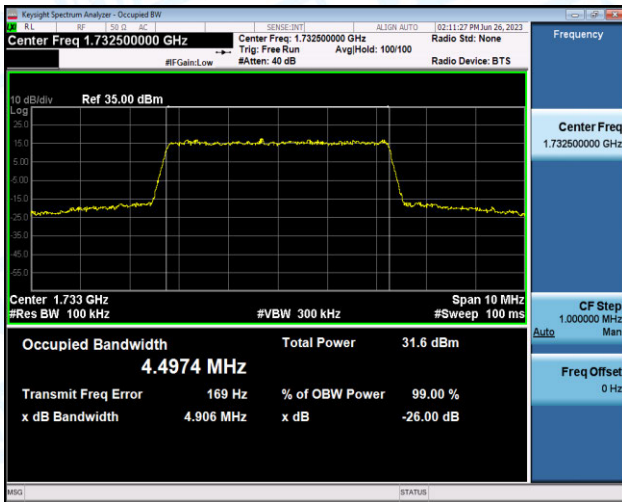




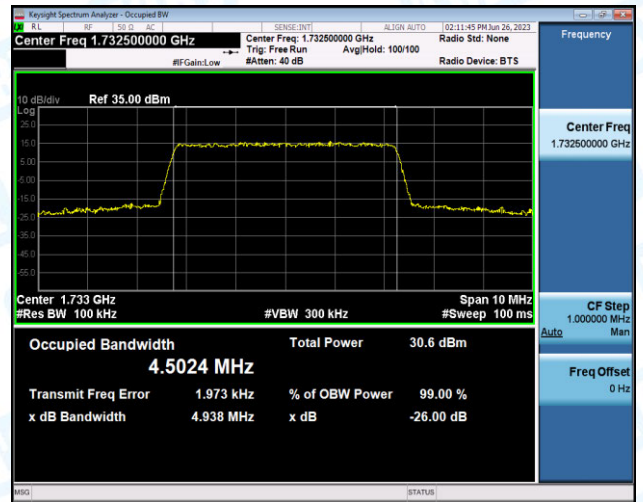
Band4-5MHz-QPSK-20175-25RB#0-PASS



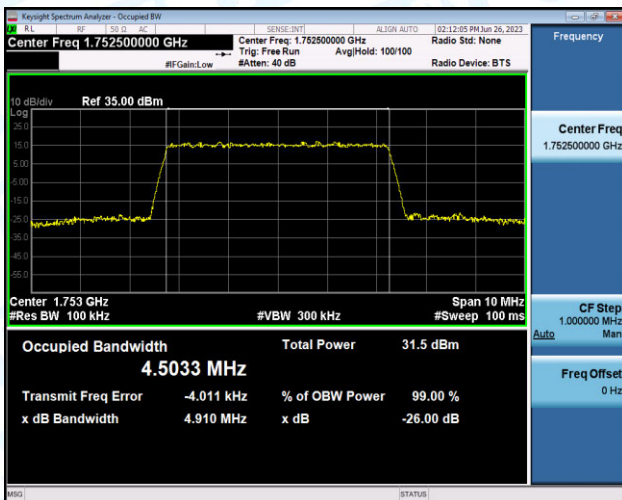
Band4-5MHz-16QAM-20175-25RB#0-PASS



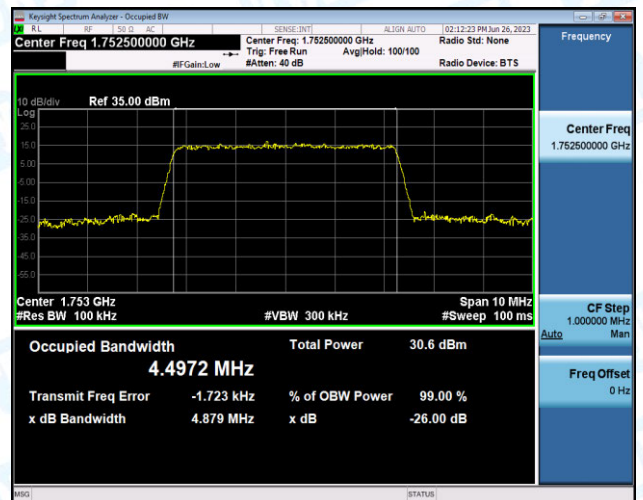
Band4-5MHz-QPSK-20375-25RB#0-PASS



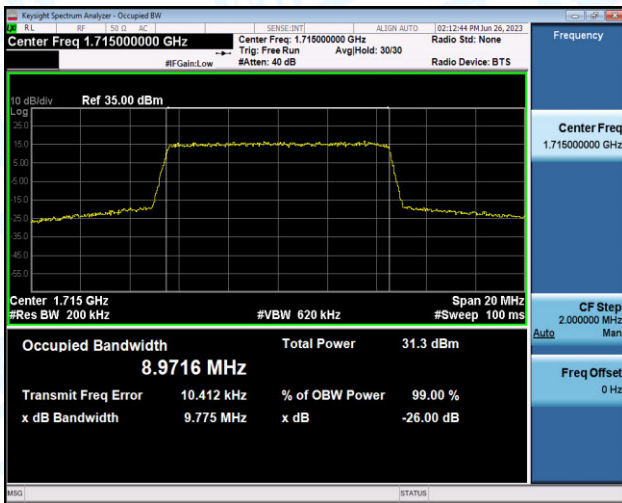
Band4-5MHz-16QAM-20375-25RB#0-PASS



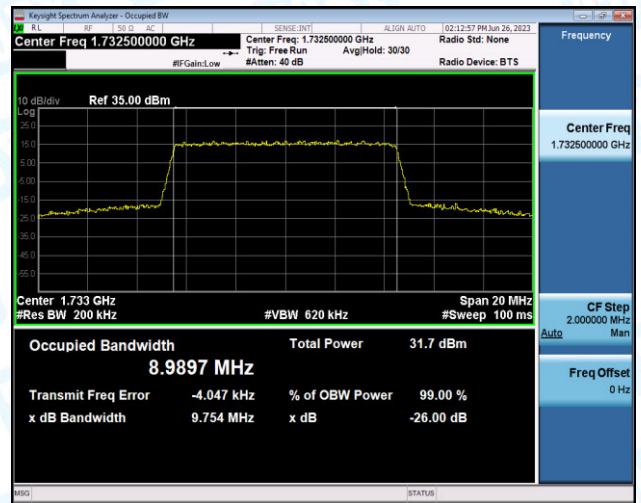
Band4-10MHz-QPSK-20000-50RB#0-PASS



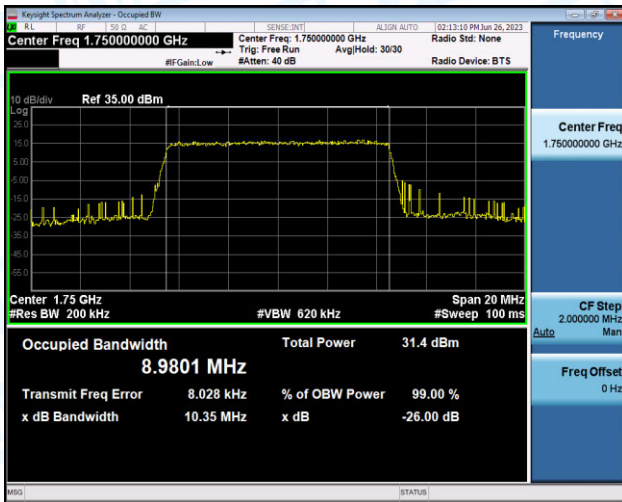
Band4-10MHz-QPSK-20175-50RB#0-PASS



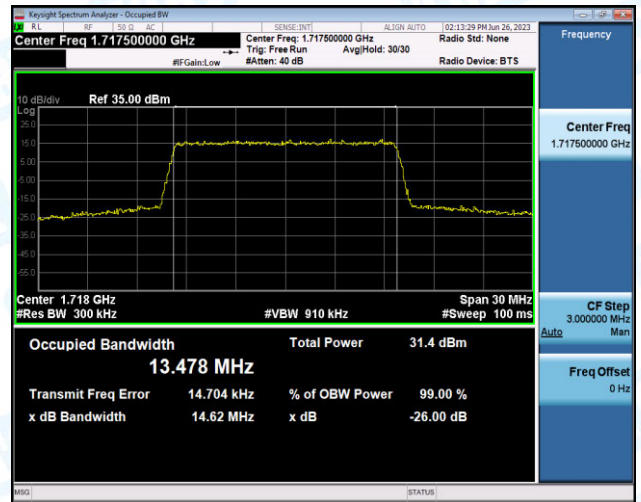
Band4-10MHz-QPSK-20350-50RB#0-PASS



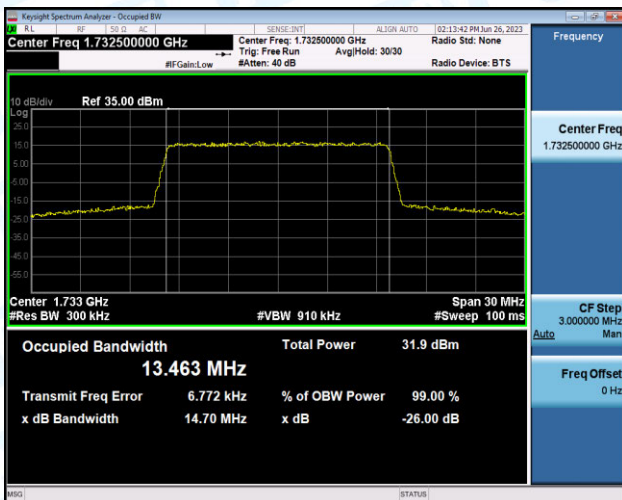
Band4-15MHz-QPSK-20025-75RB#0-PASS



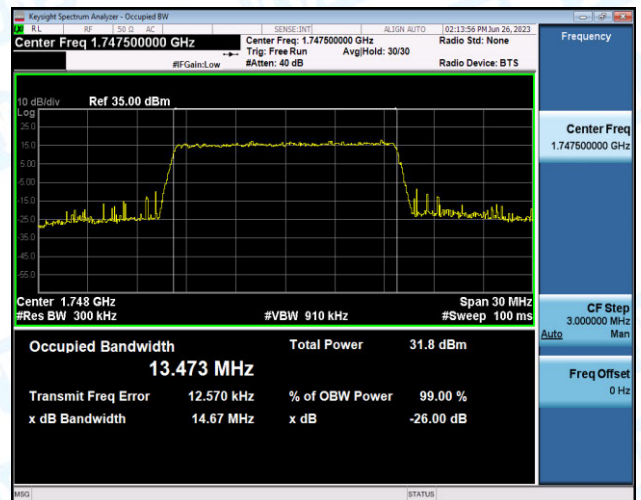
Band4-15MHz-QPSK-20175-75RB#0-PASS



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



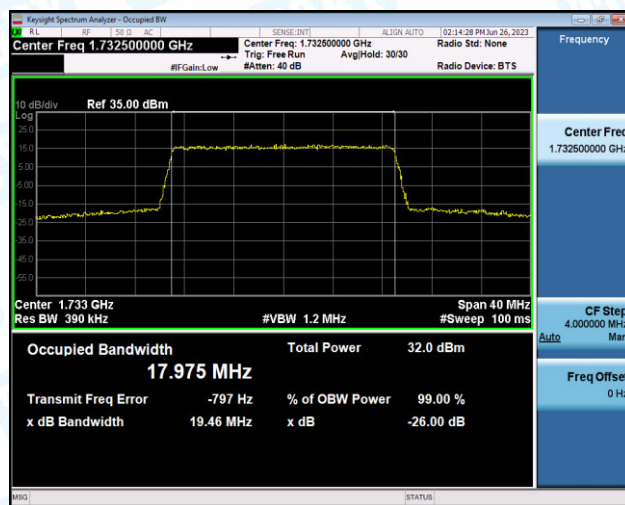
Band4-20MHz-QPSK-20050-100RB#0-PASS



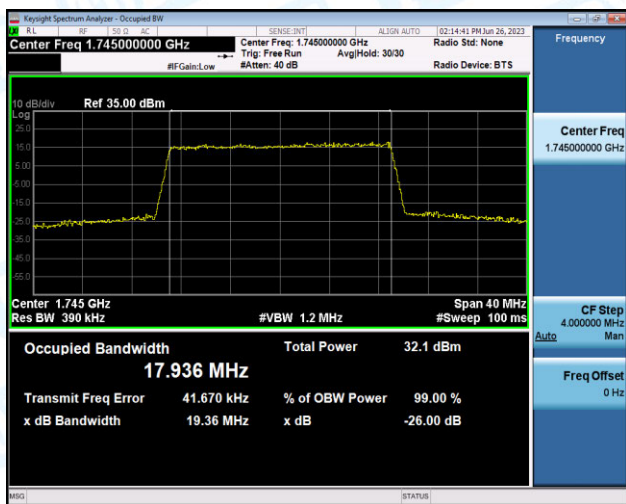
Band4-20MHz-QPSK-20175-100RB#0-PASS



Band4-20MHz-QPSK-20300-100RB#0-PASS



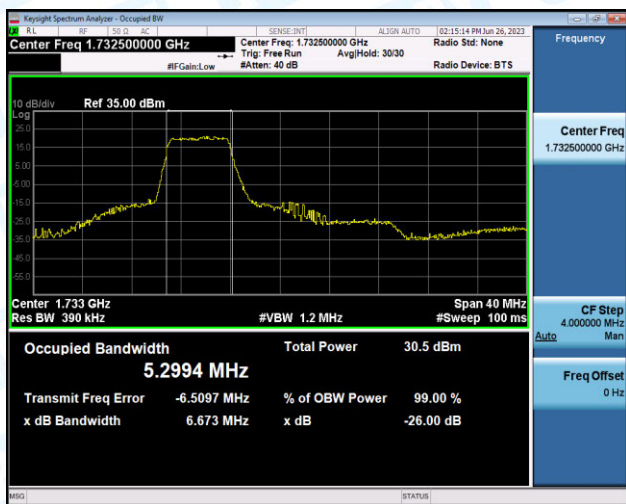
Band4-20MHz-16QAM-20050-27RB#0-PASS



Band4-20MHz-16QAM-20175-27RB#0-PASS



Band4-20MHz-16QAM-20300-27RB#0-PASS



Band4-15MHz-16QAM-20025-27RB#0-PASS



Band4-15MHz-16QAM-20175-27RB#0-PASS



Band4-15MHz-16QAM-20325-27RB#0-PASS



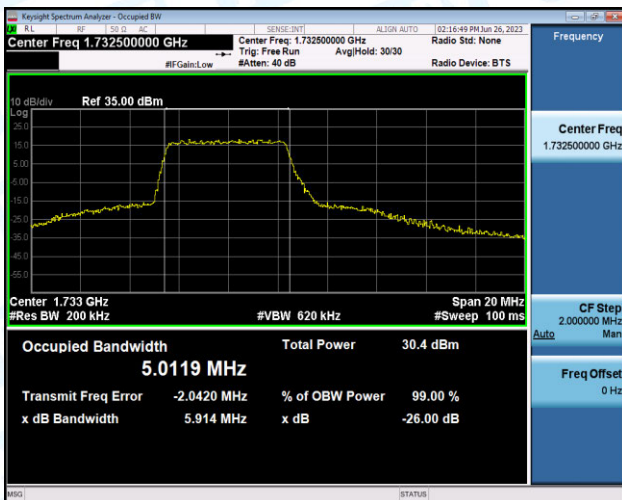
Band4-10MHz-16QAM-20000-27RB#0-PASS



Band4-10MHz-16QAM-20175-27RB#0-PASS



Band4-10MHz-16QAM-20350-27RB#0-PASS



## Appendix D: Band Edge

### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Config. | Result (dBm) | Verdict |
|-------|-----------|------------|---------|------------|--------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0      | -28.91       | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0      | -29.37       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0      | -17.67       | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0      | -16.96       | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0     | -16.65       | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0     | -16.97       | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0     | -16.65       | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0     | -18.85       | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0     | -27.88       | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0     | -29.02       | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0     | -20.74       | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0     | -21.87       | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0     | -22.64       | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0     | -21.69       | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 27RB#0     | -27.00       | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 27RB#0     | -35.48       | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0     | -20.63       | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0     | -20.76       | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 27RB#0     | -17.19       | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 27RB#0     | -30.79       | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0    | -21.21       | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0    | -20.00       | PASS    |
| Band4 | 20MHz     | 16QAM      | 20050   | 27RB#0     | -18.03       | PASS    |
| Band4 | 20MHz     | 16QAM      | 20300   | 27RB#0     | -30.20       | PASS    |

## Test Graphs

Band4-1.4MHz-QPSK-19957-6RB#0



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



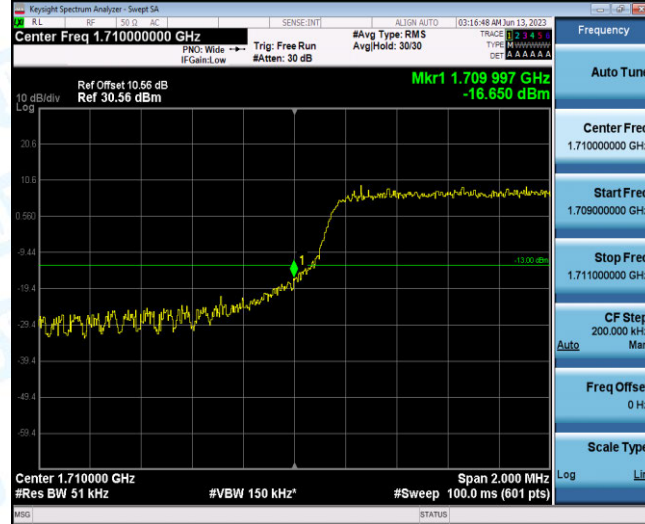
Band4-1.4MHz-16QAM-19957-6RB#0



### Band4-1.4MHz-16QAM-20393-6RB#0



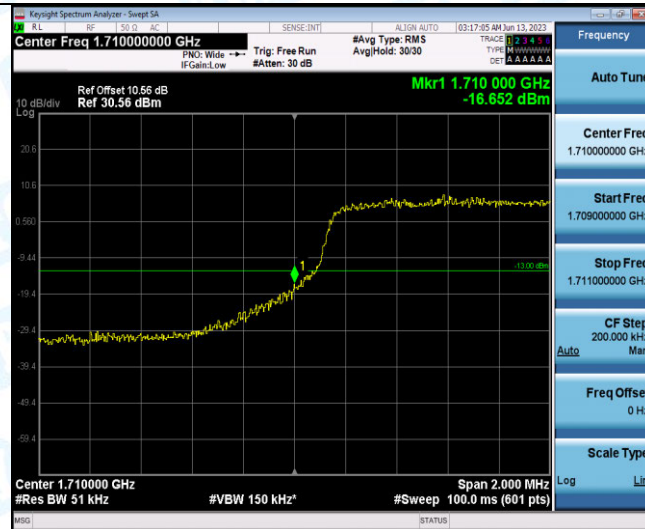
### Band4-3MHz-QPSK-19965-15RB#0



### Band4-3MHz-QPSK-20385-15RB#0



### Band4-3MHz-16QAM-19965-15RB#0



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



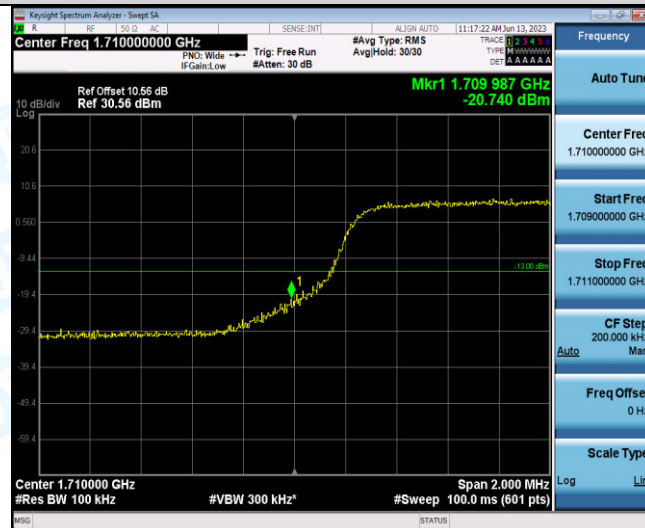
Band4-5MHz-QPSK-19975-25RB#0



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



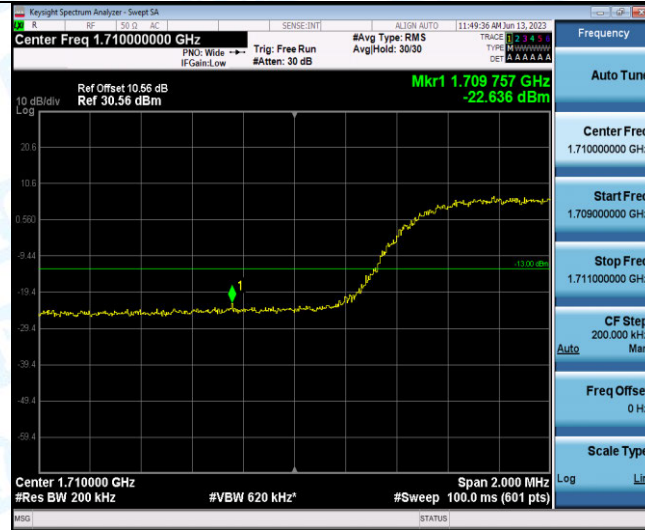
Band4-5MHz-16QAM-19975-25RB#0



Band4-5MHz-16QAM-20375-25RB#0



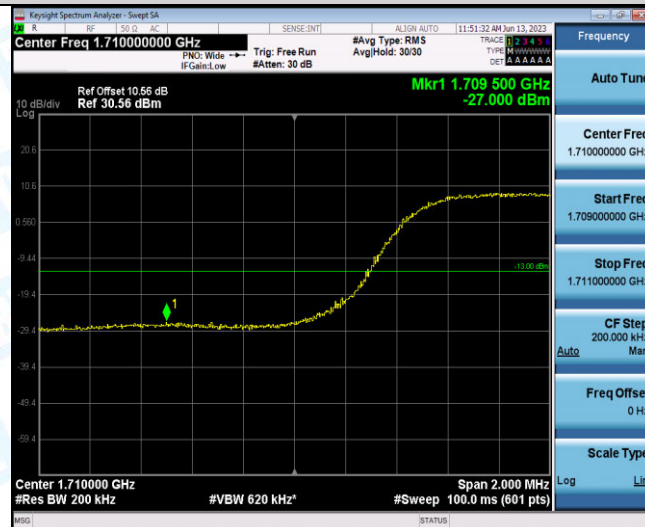
Band4-10MHz-QPSK-20000-50RB#0



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



Band4-10MHz-16QAM-20000-27RB#0



Band4-10MHz-16QAM-20350-27RB#0



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



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



Band4-15MHz-16QAM-20025-27RB#0