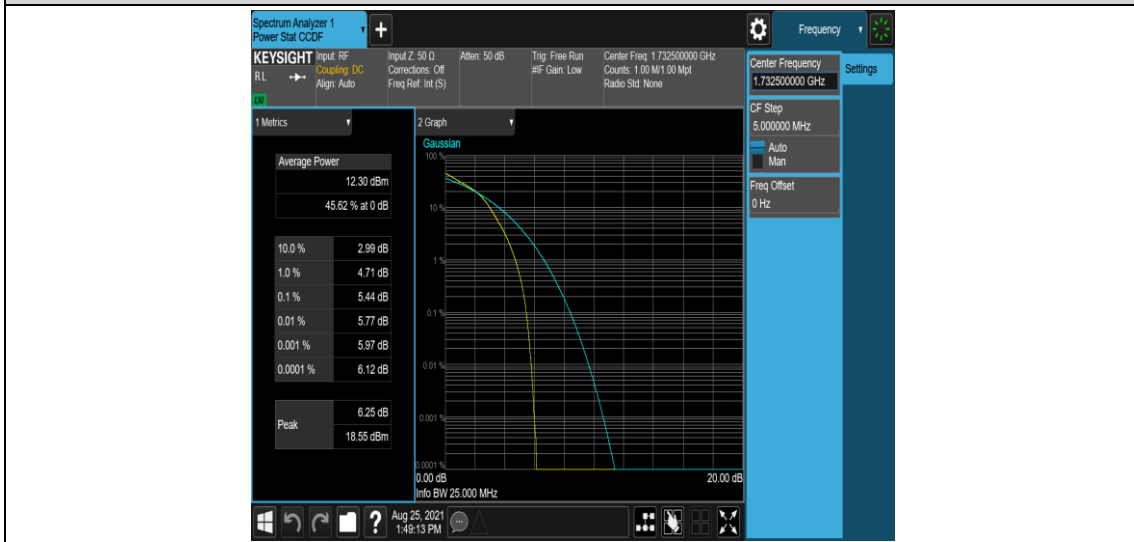


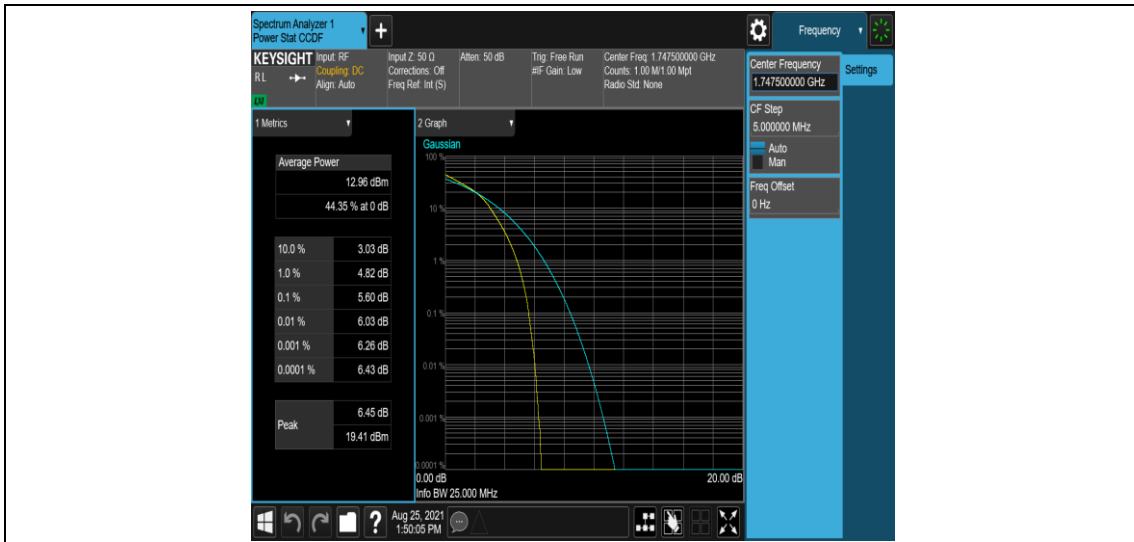
Band4-15MHz-16QAM-20175-75RB#0



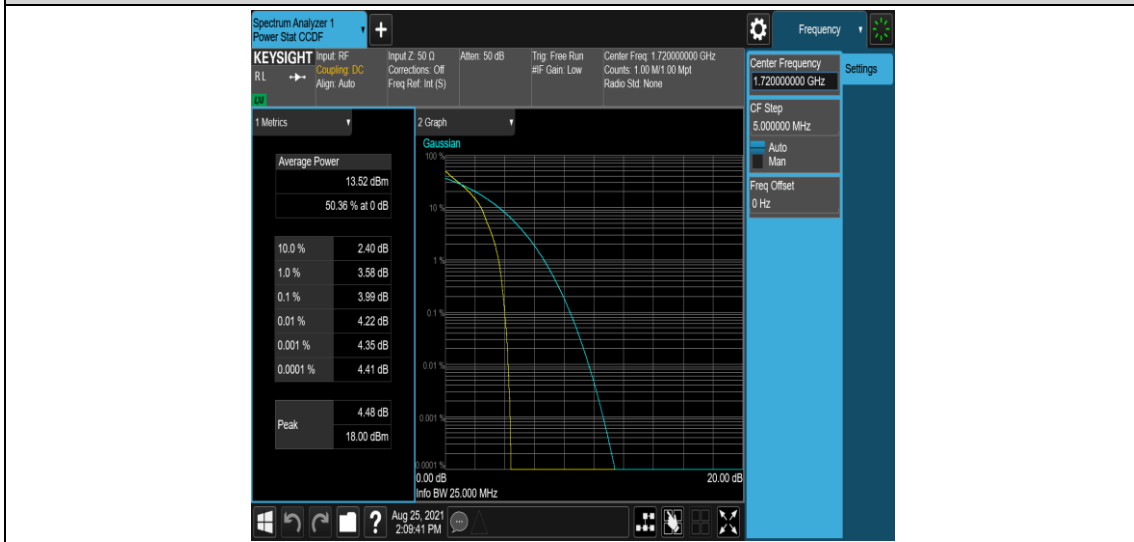
Band4-15MHz-16QAM-20325-1RB#0



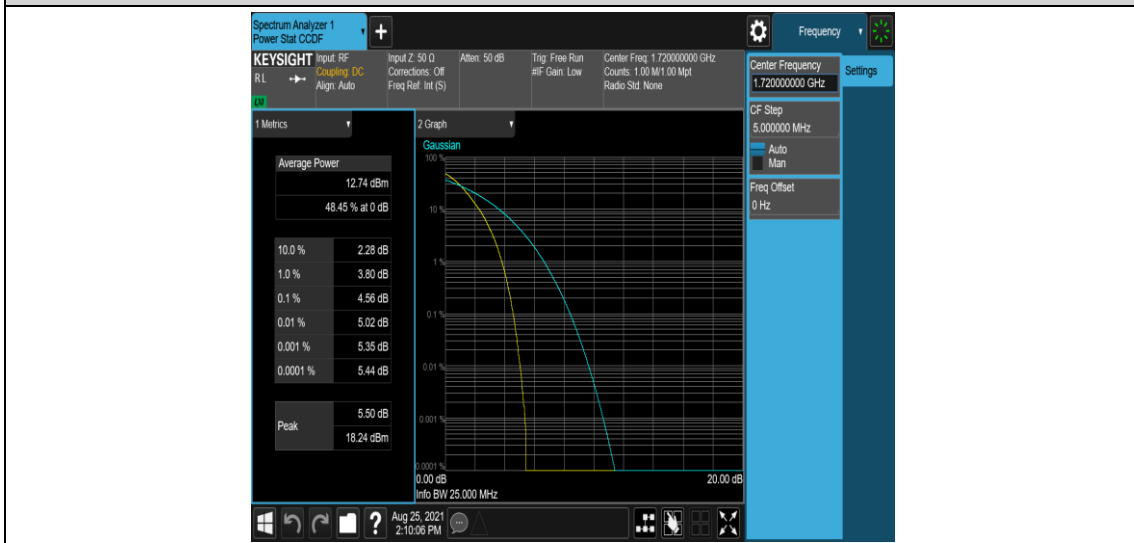
Band4-15MHz-16QAM-20325-75RB#0



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



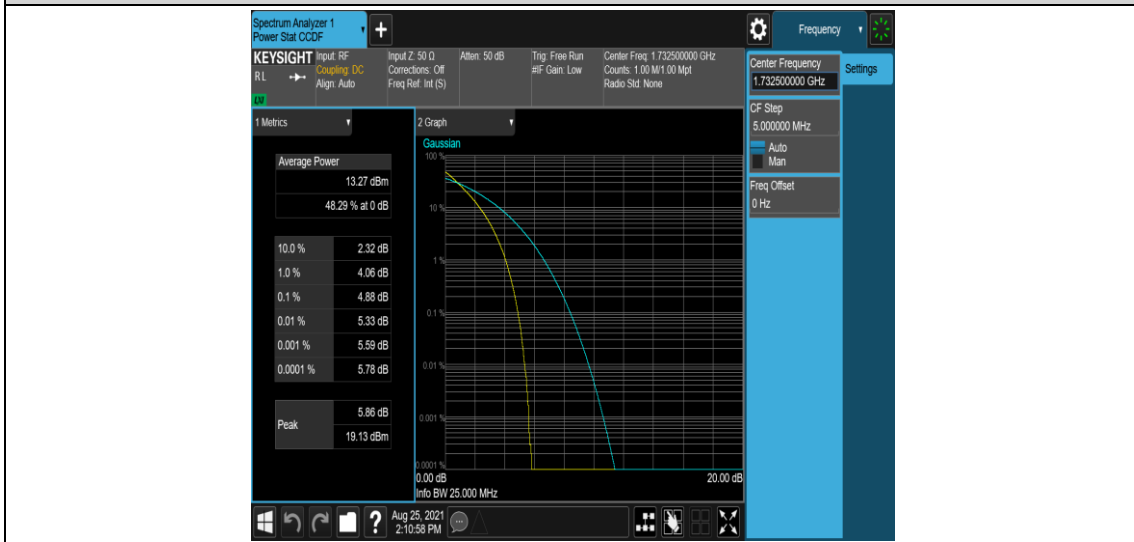
Band4-20MHz-QPSK-20050-100RB#0



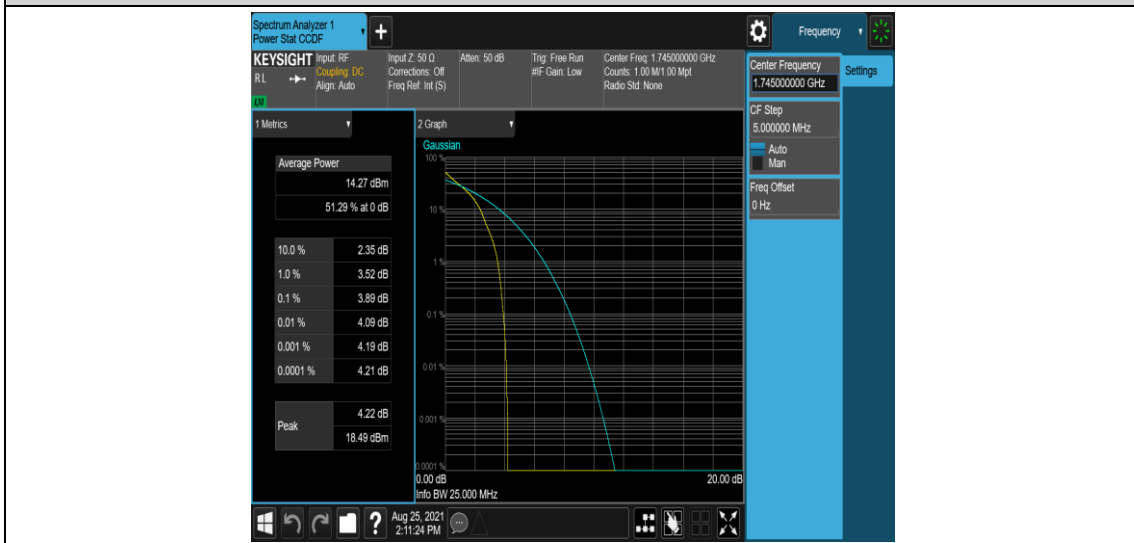
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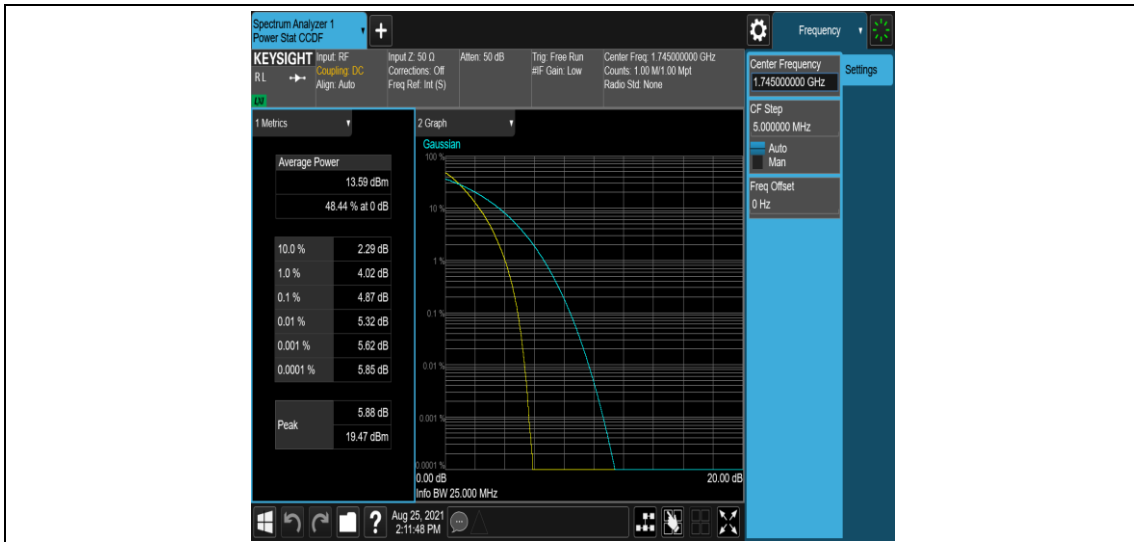
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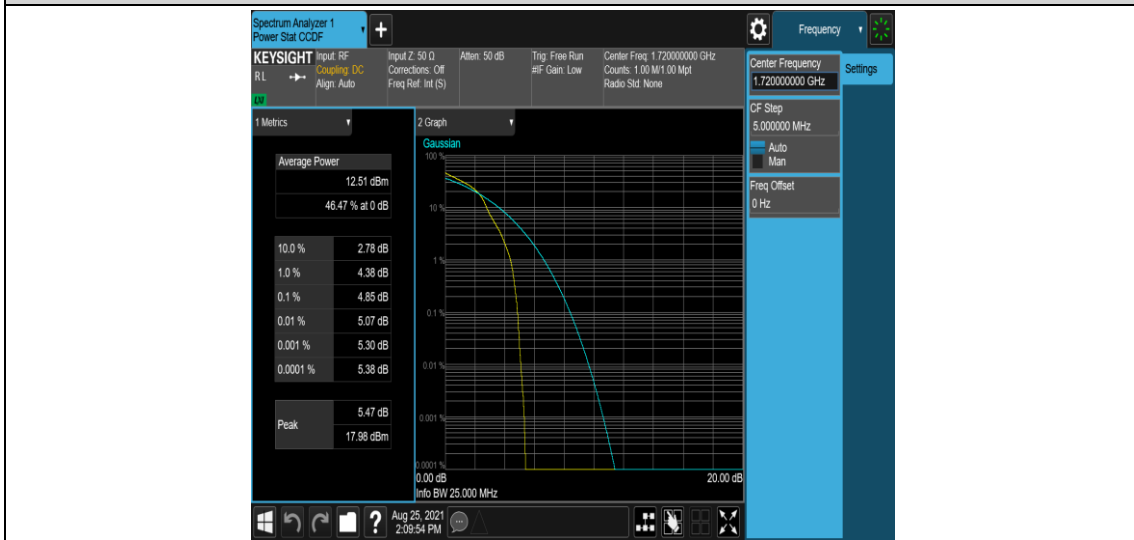
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Band4-20MHz-QPSK-20300-100RB#0



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



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



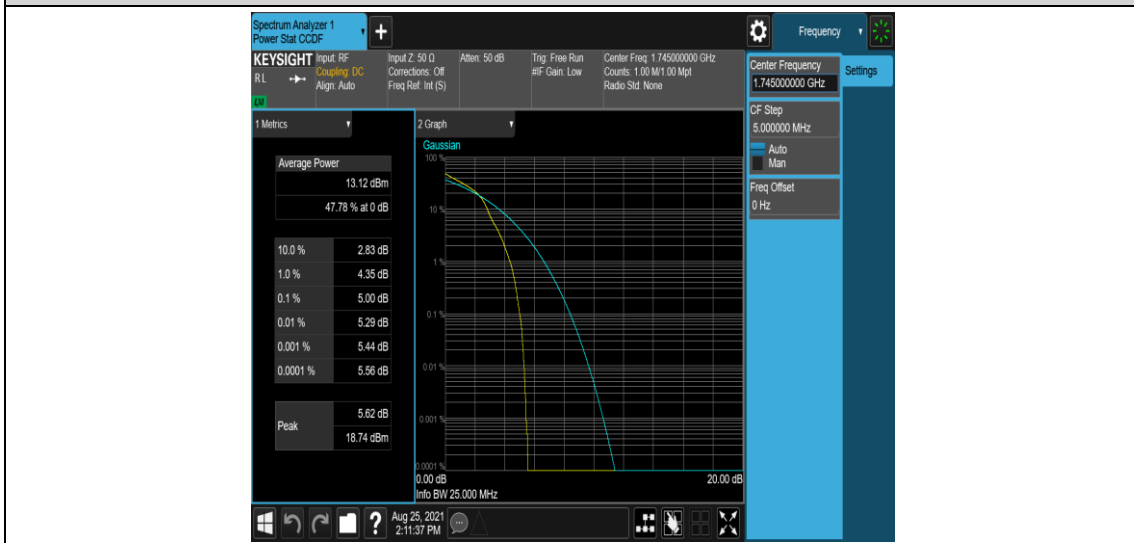
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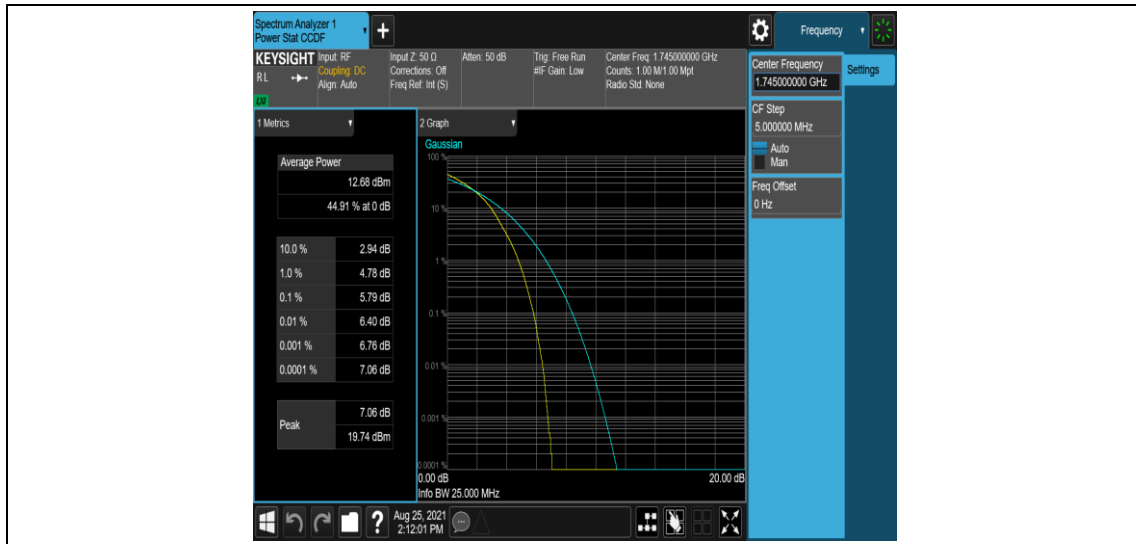
Band4-20MHz-16QAM-20175-100RB#0



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



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



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

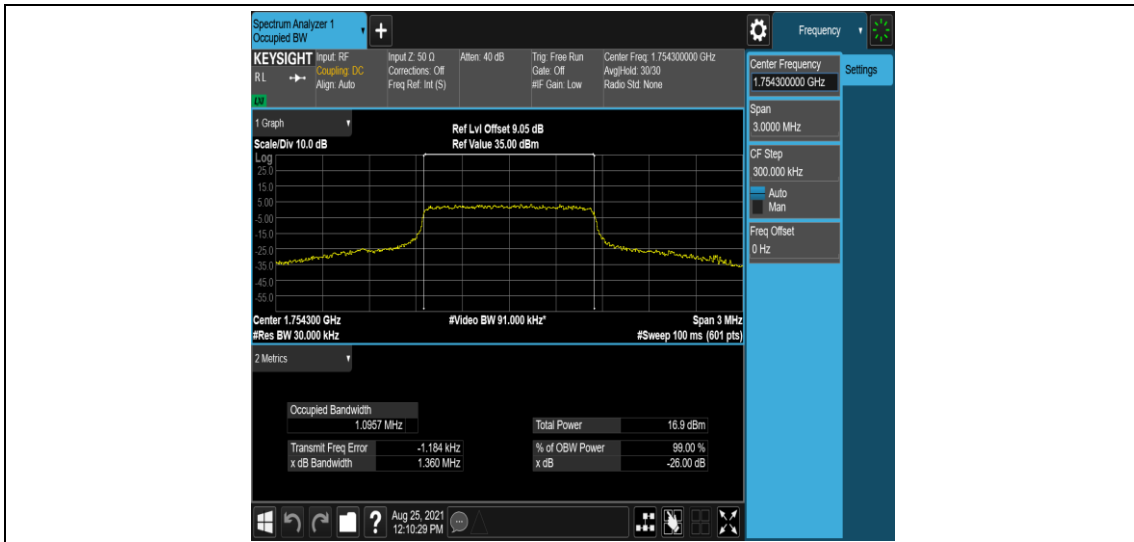
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0899                   | 1.252                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0916                   | 1.288                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0957                   | 1.360                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.0887                   | 1.249                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0901                   | 1.264                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0920                   | 1.262                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6902                   | 2.845                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.6923                   | 2.867                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.6973                   | 2.868                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.6866                   | 2.851                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.6902                   | 2.867                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.6977                   | 2.849                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.4963                   | 4.832                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.5006                   | 4.812                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5049                   | 4.830                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.5012                   | 4.807                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5032                   | 4.831                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.5100                   | 4.806                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9821                   | 9.540                | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 8.9937                   | 9.540                | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.9599                   | 9.498                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 50RB#0           | 8.9635                   | 9.518                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 50RB#0           | 8.9887                   | 9.513                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 50RB#0           | 8.9591                   | 9.489                | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.480                   | 14.34                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.503                   | 14.31                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.407                   | 14.23                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20025   | 75RB#0           | 13.469                   | 14.24                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20175   | 75RB#0           | 13.498                   | 14.26                | PASS    |
| Band4 | 15MHz     | 16QAM      | 20325   | 75RB#0           | 13.408                   | 14.21                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.948                   | 18.98                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 18.023                   | 19.01                | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 17.842                   | 18.90                | PASS    |

|       |       |       |       |         |        |       |      |
|-------|-------|-------|-------|---------|--------|-------|------|
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | 17.935 | 18.95 | PASS |
| Band4 | 20MHz | 16QAM | 20175 | 100RB#0 | 18.017 | 19.02 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | 17.860 | 18.91 | PASS |

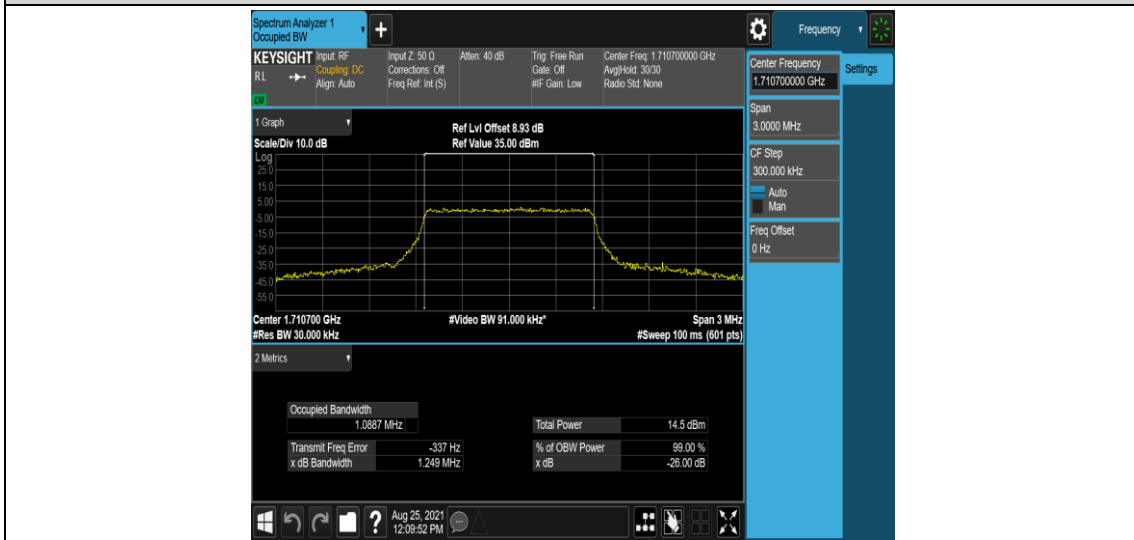
### Test Graphs



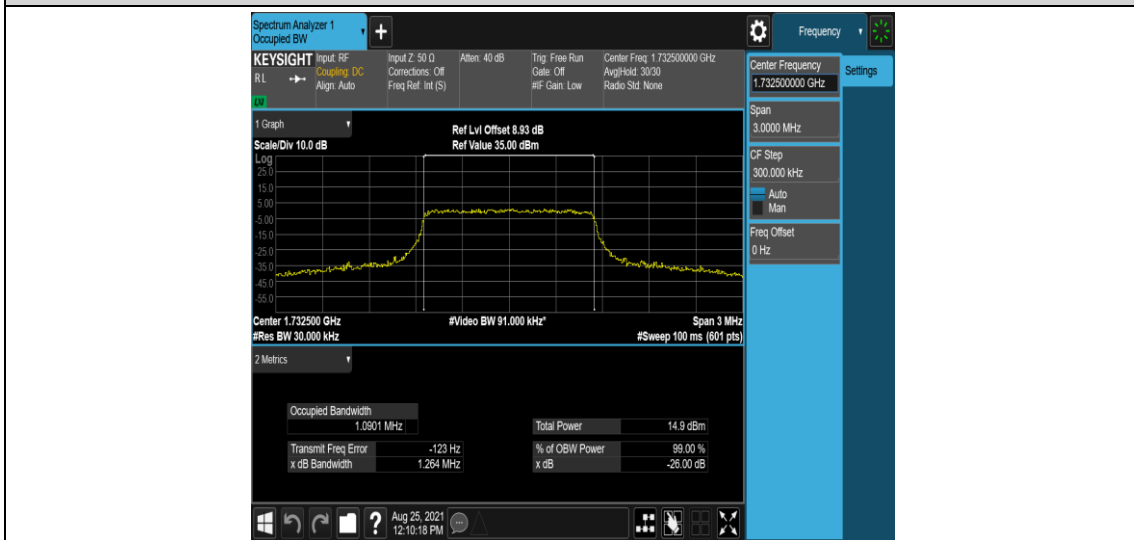




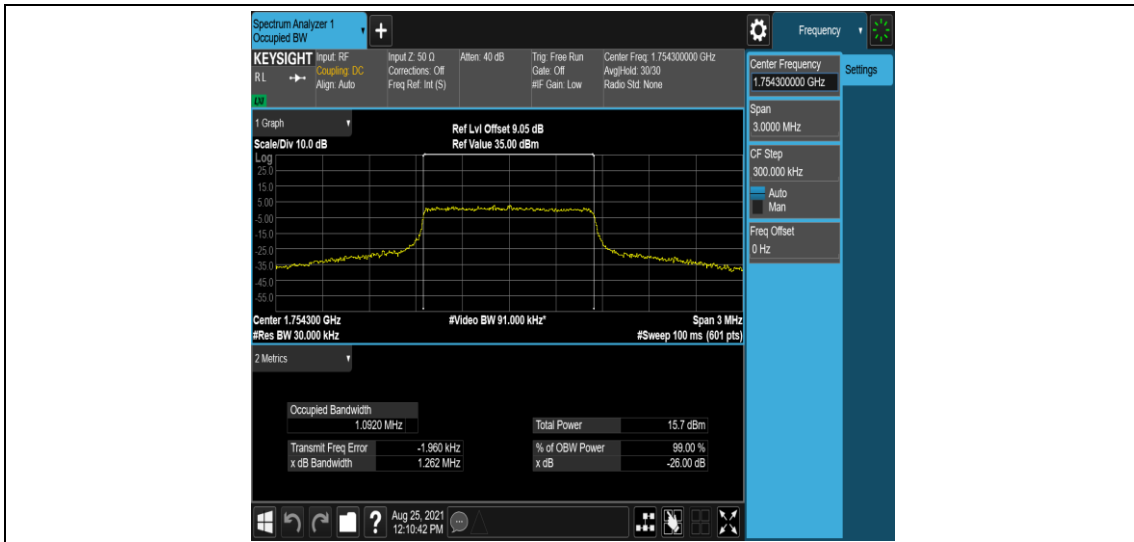
Band4-1.4MHz-16QAM-19957-6RB#0



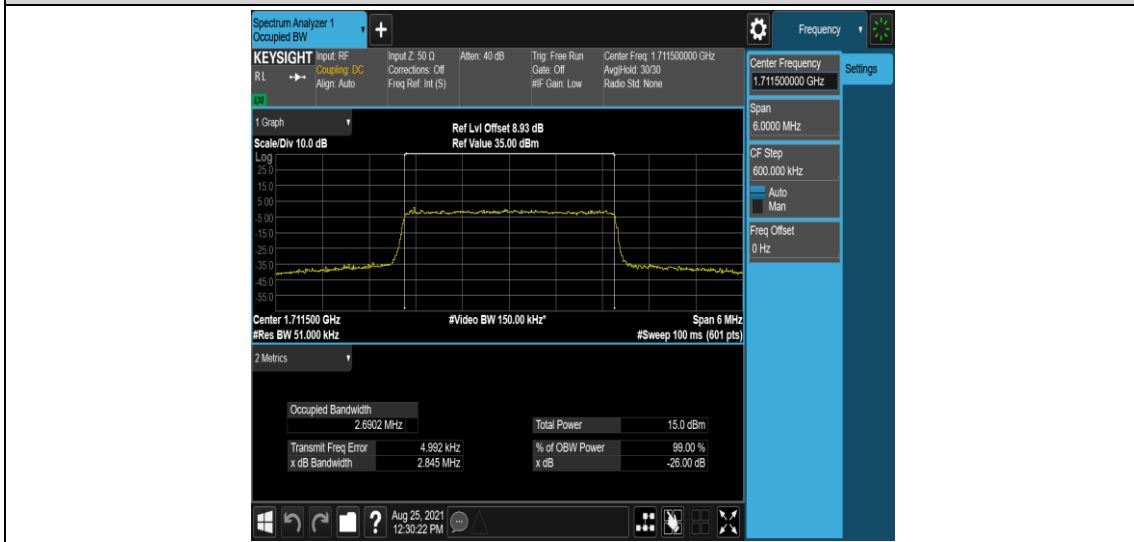
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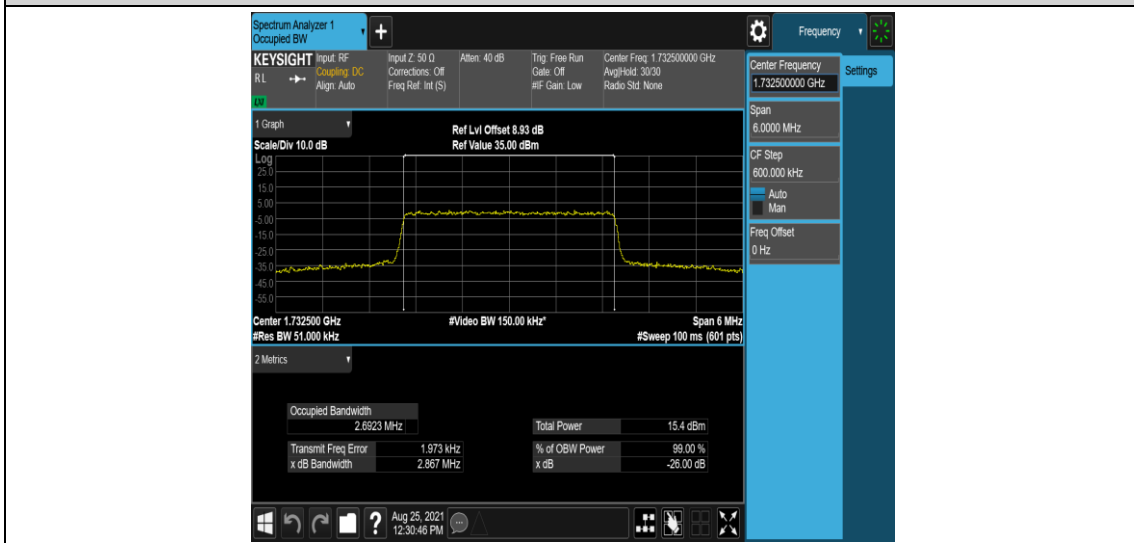
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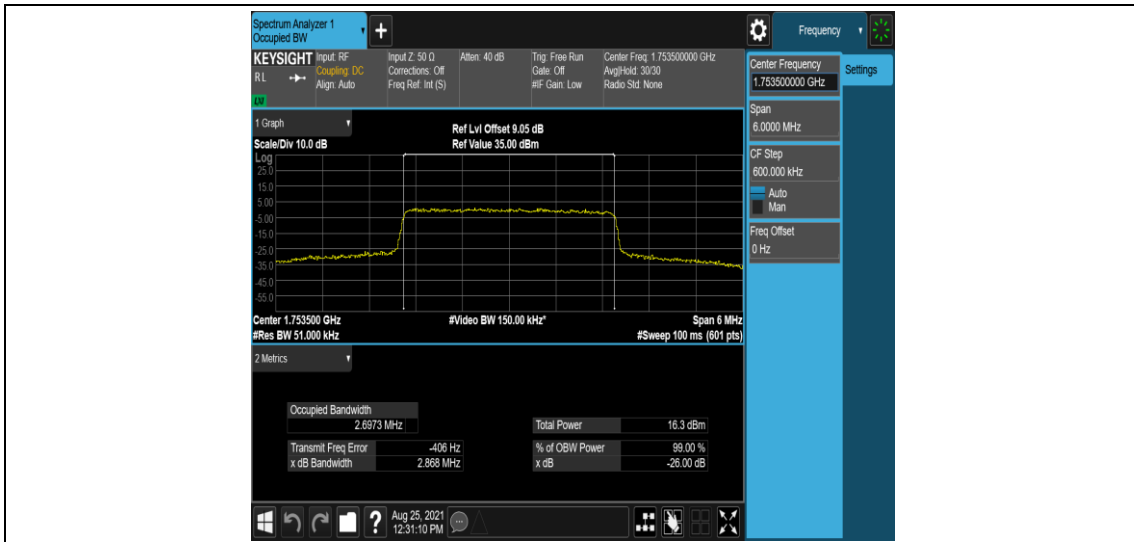
Band4-3MHz-QPSK-19965-15RB#0



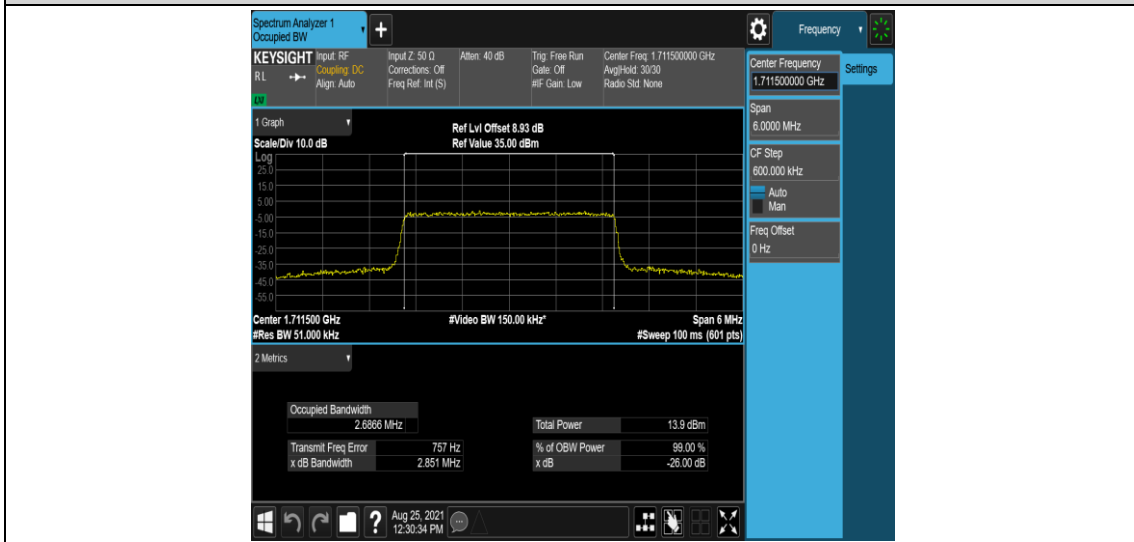
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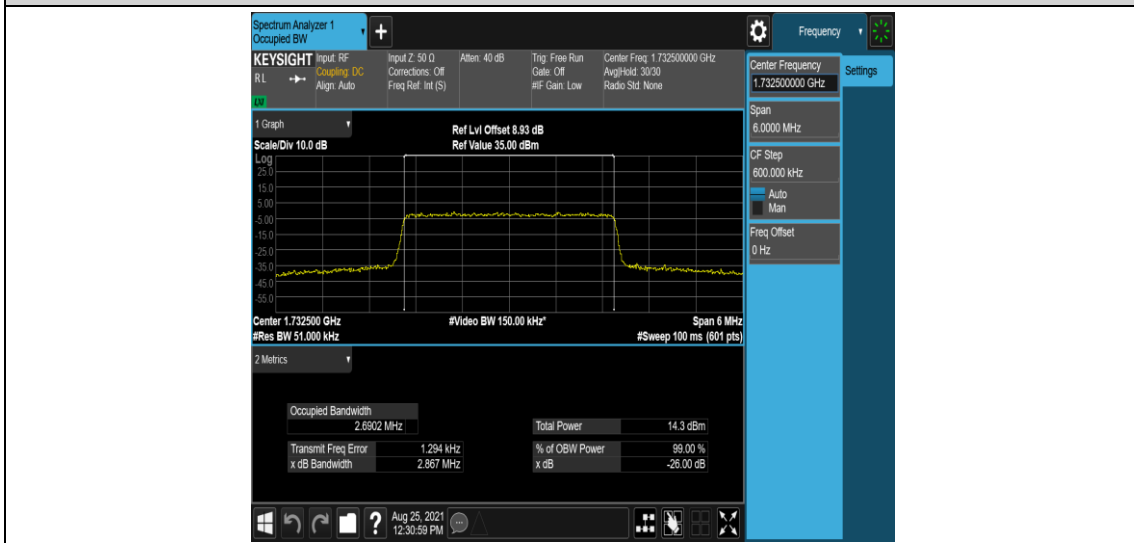
Band4-3MHz-QPSK-20385-15RB#0



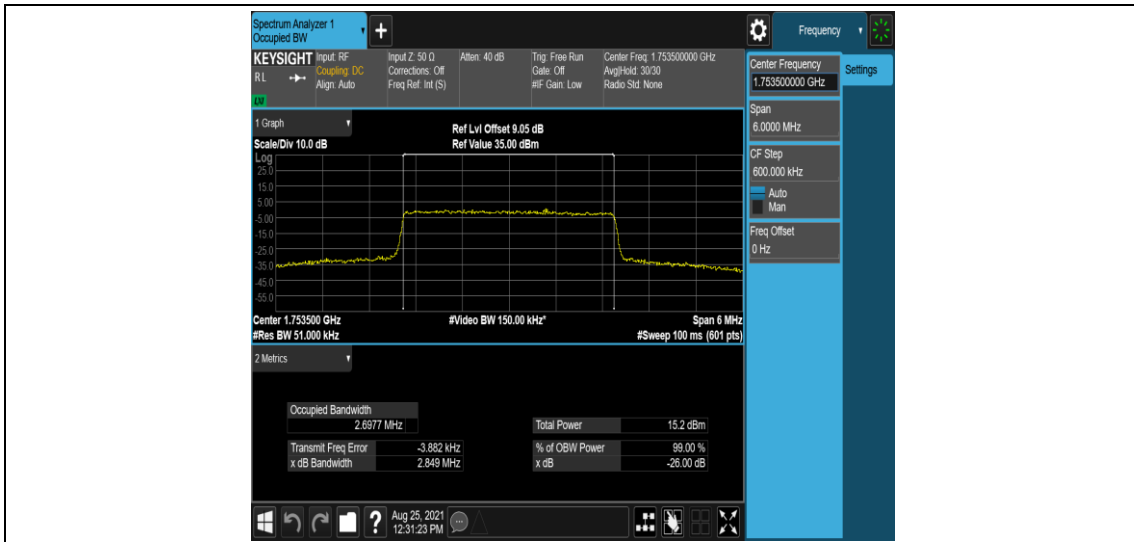
Band4-3MHz-16QAM-19965-15RB#0



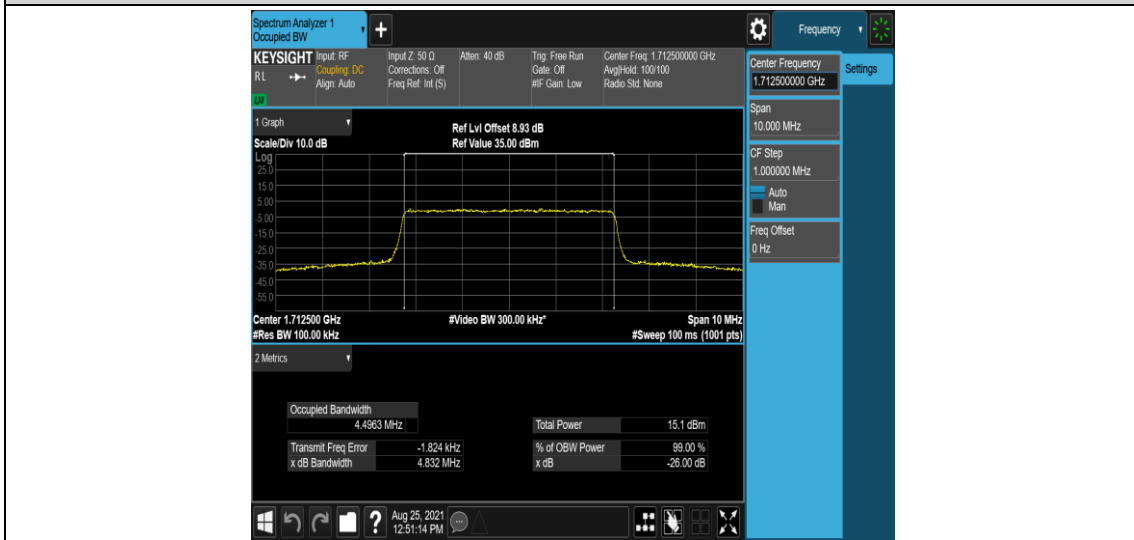
Band4-3MHz-16QAM-20175-15RB#0



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



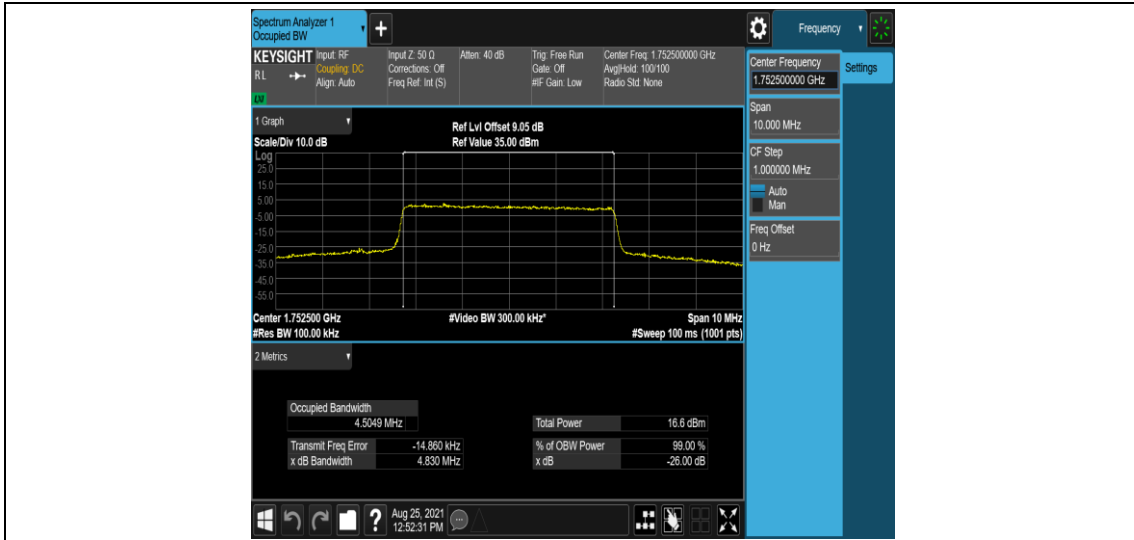
Band4-5MHz-QPSK-19975-25RB#0



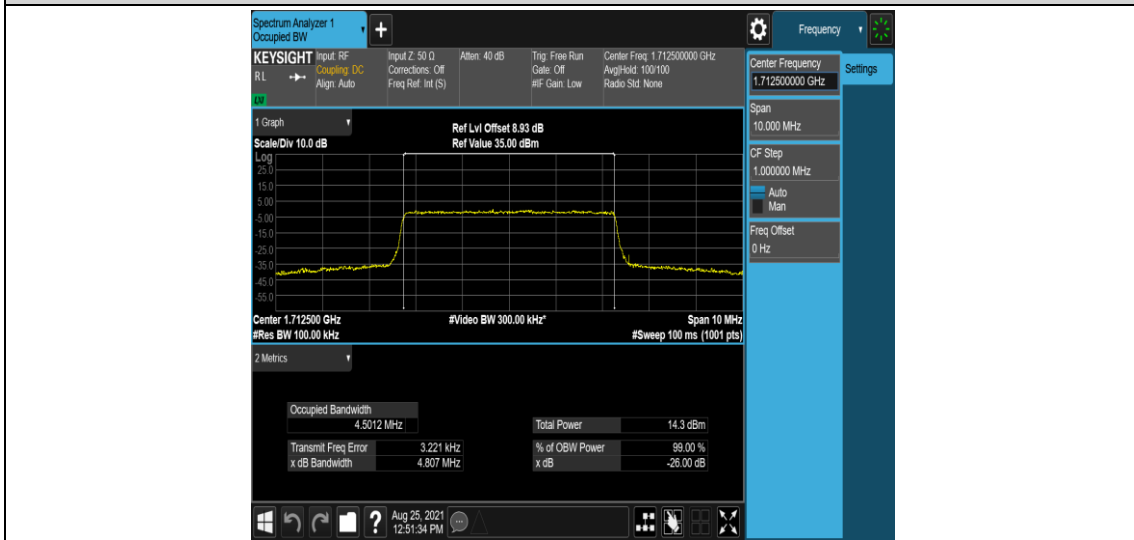
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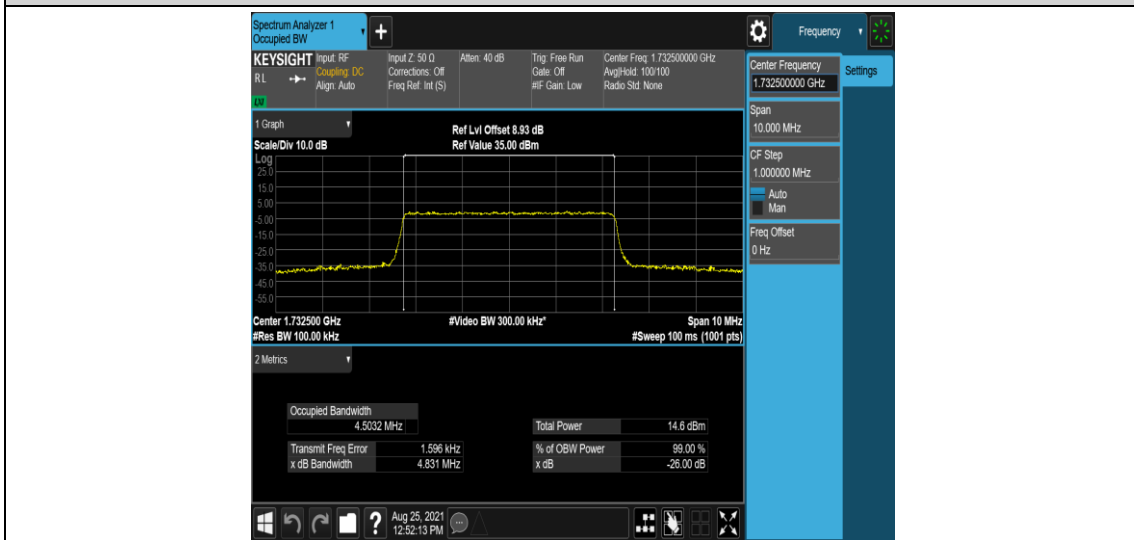
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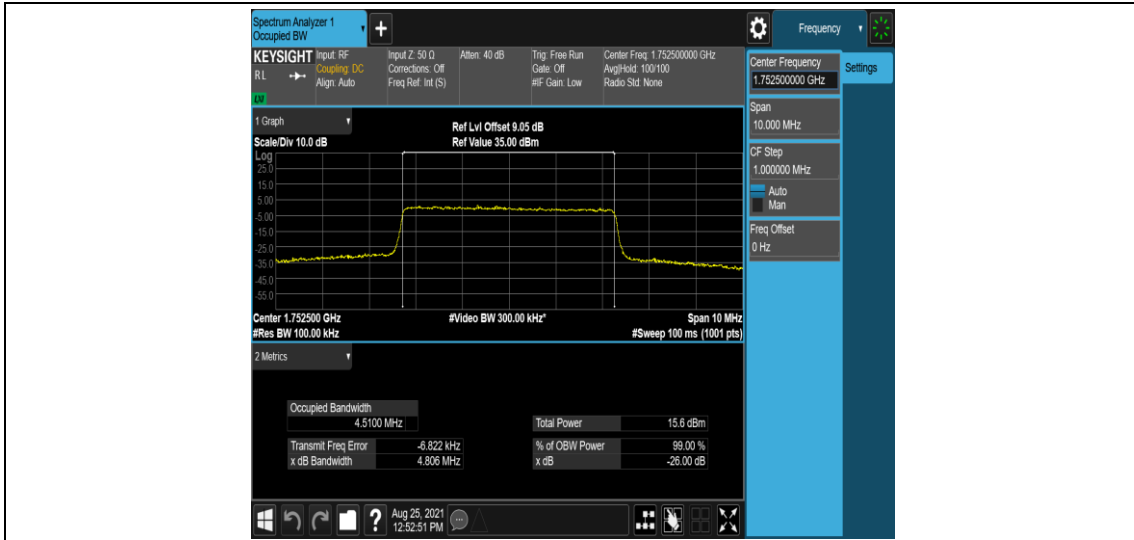
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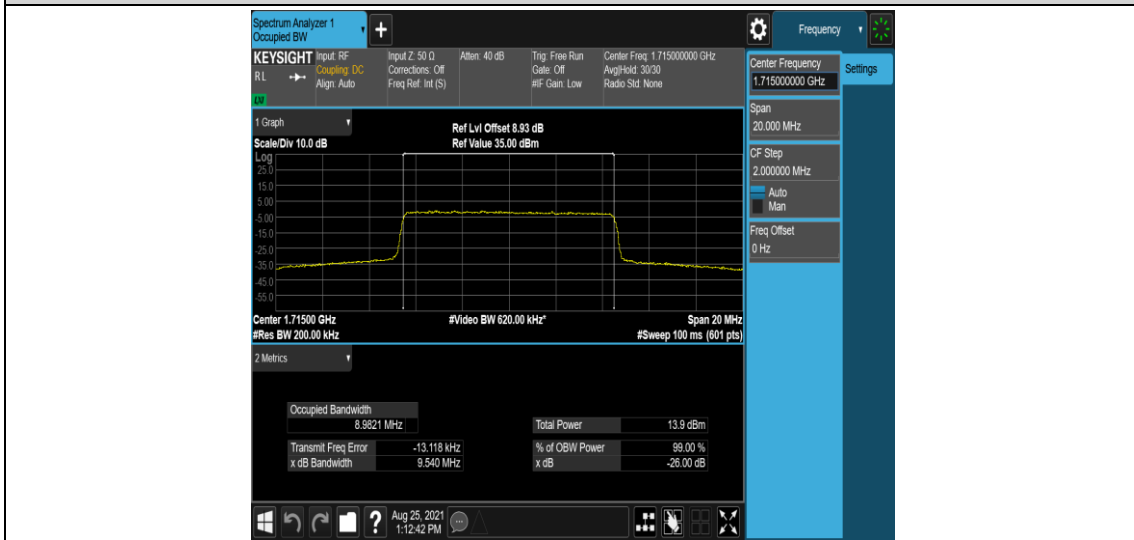
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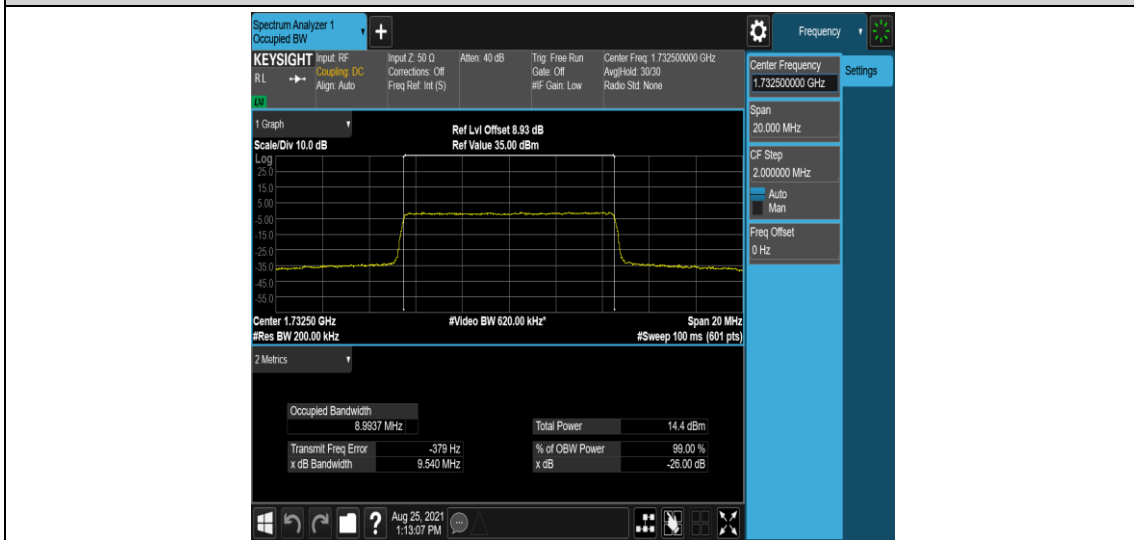
Band4-5MHz-16QAM-20375-25RB#0



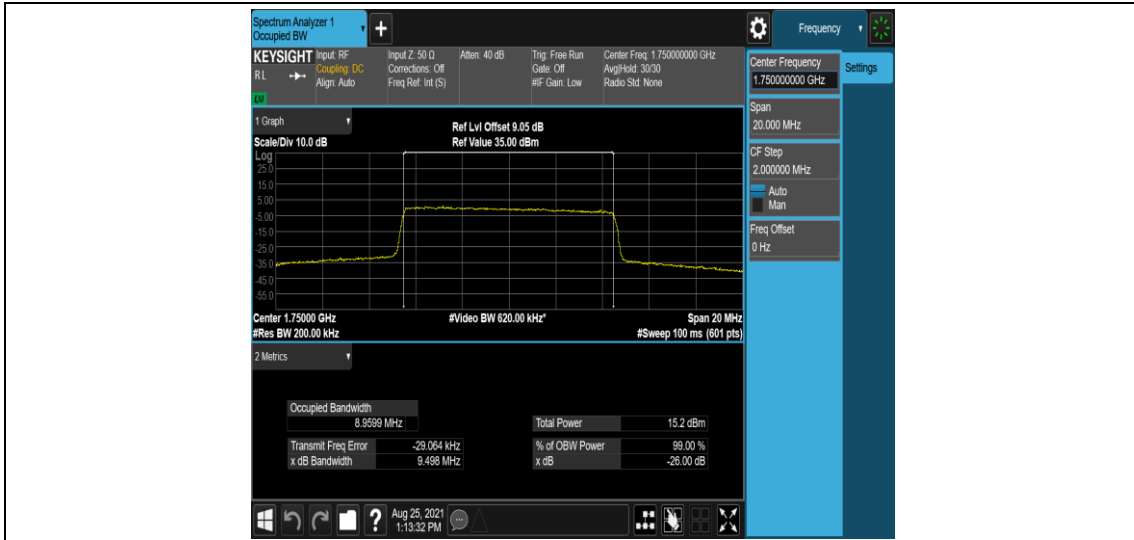
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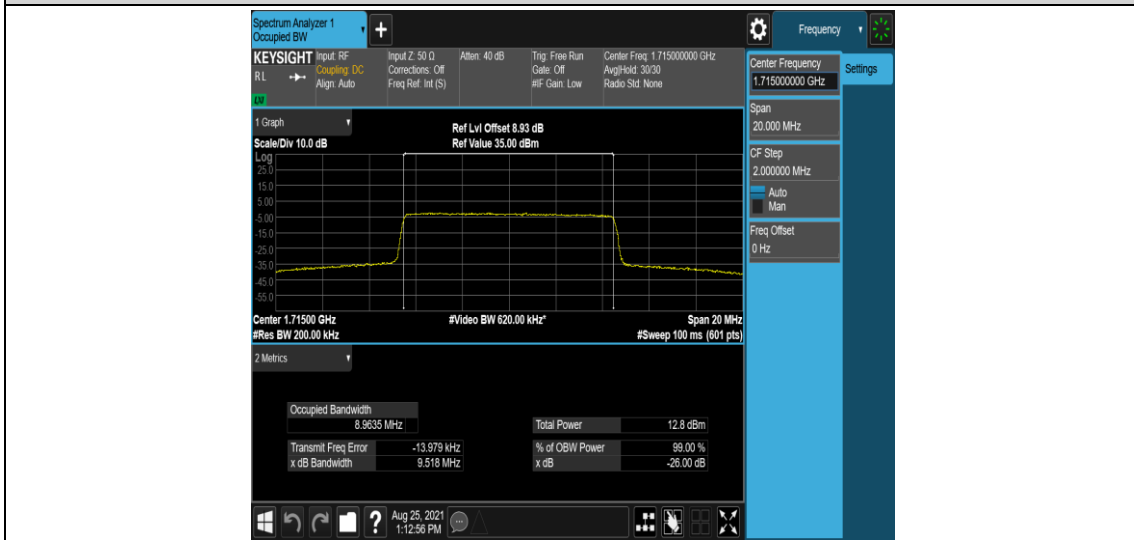
Band4-10MHz-QPSK-20175-50RB#0



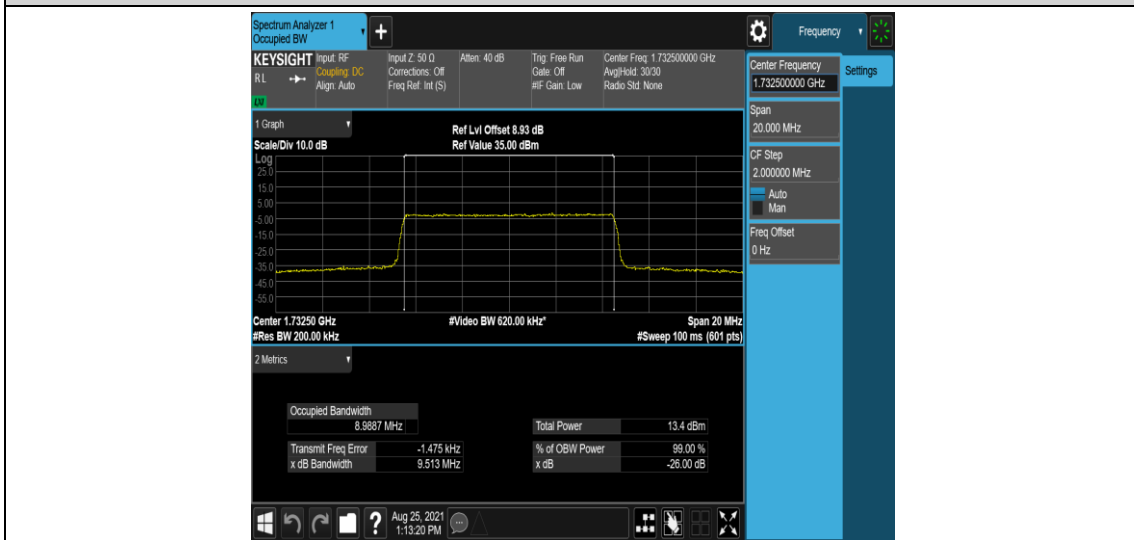
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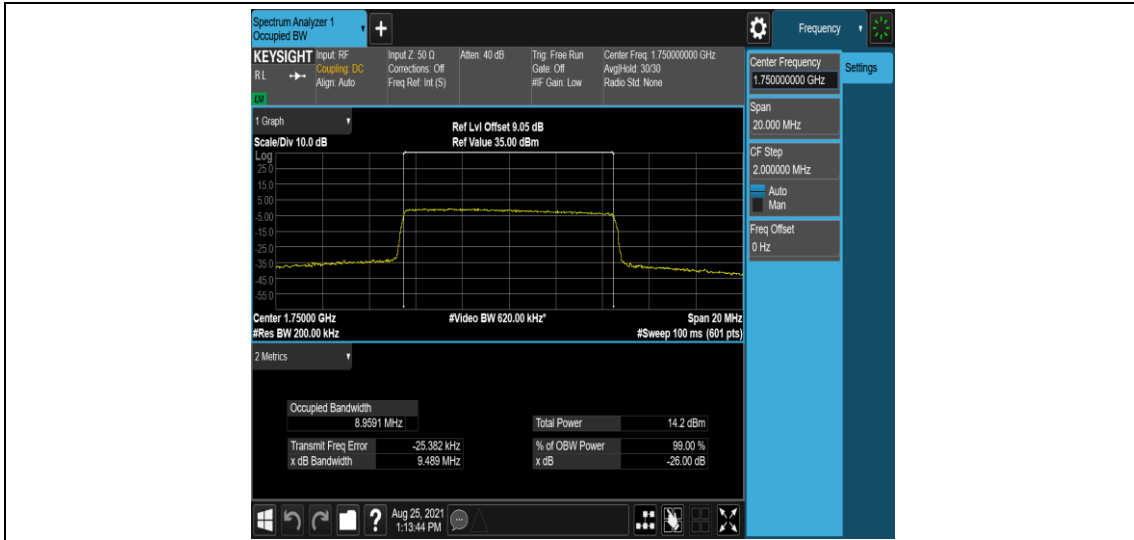
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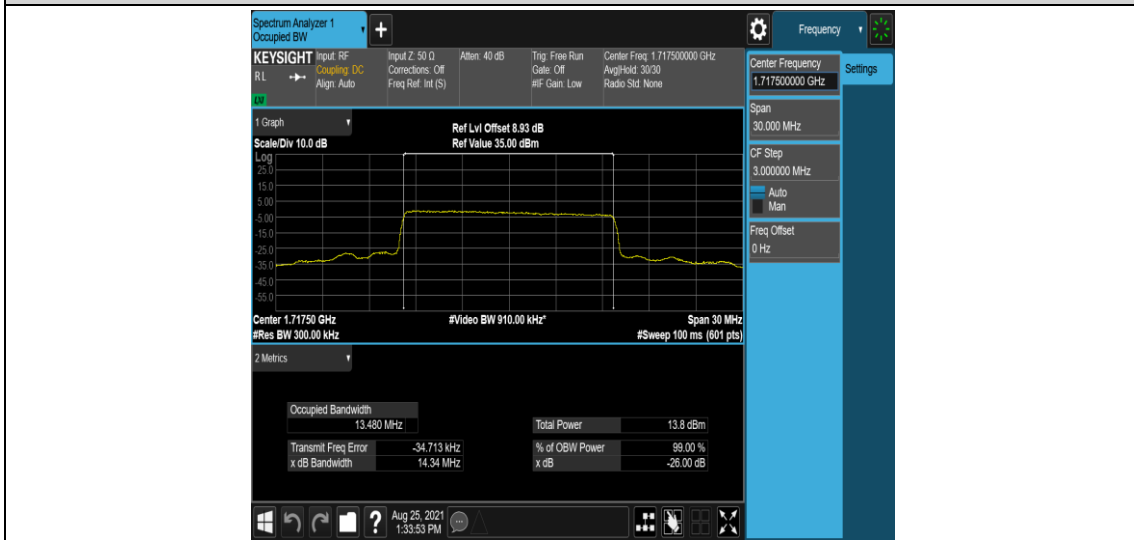
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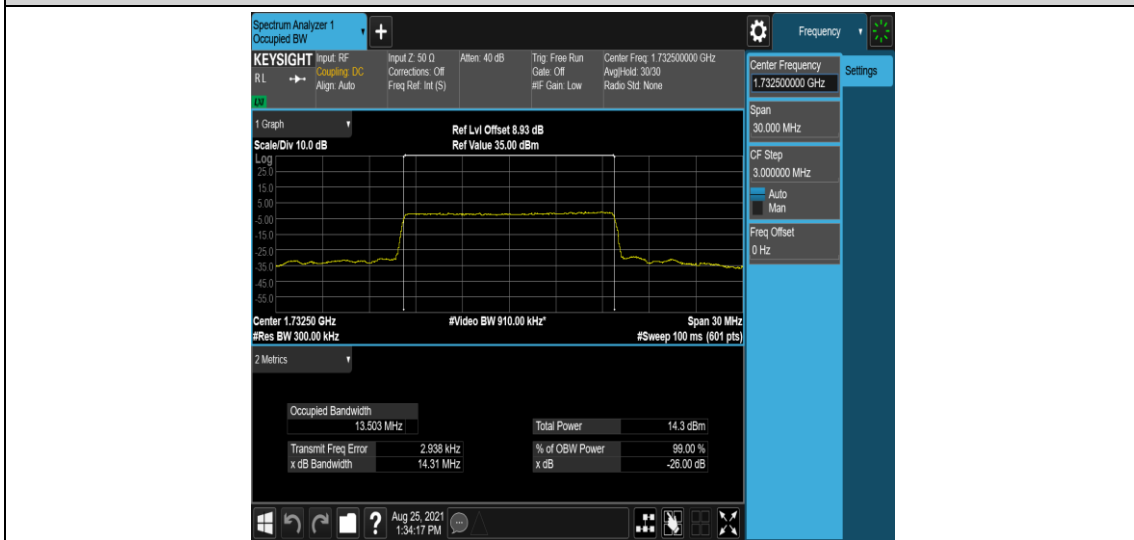
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Band4-15MHz-QPSK-20025-75RB#0

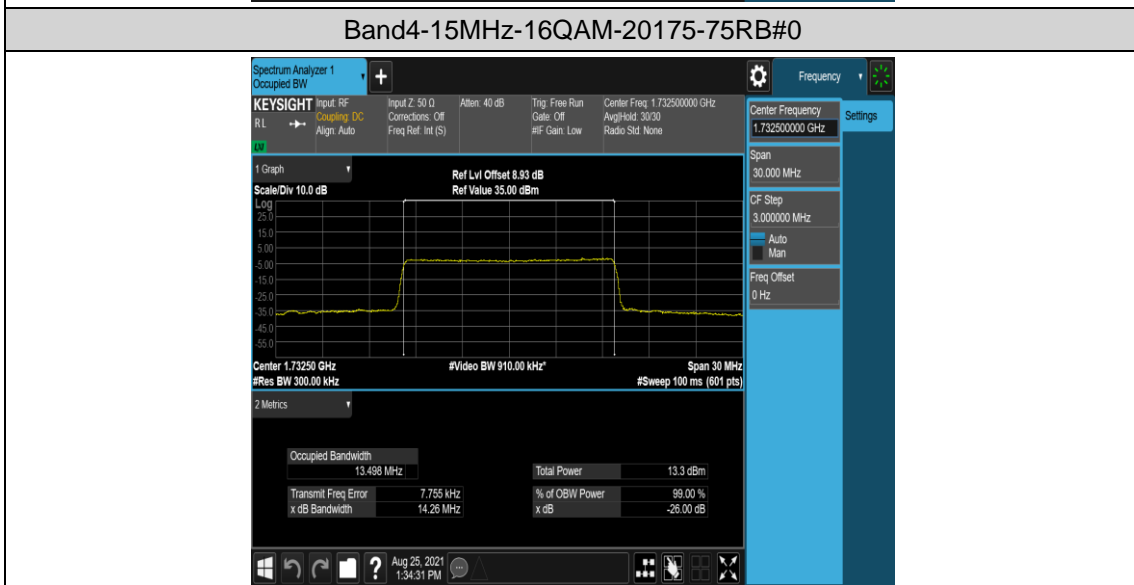
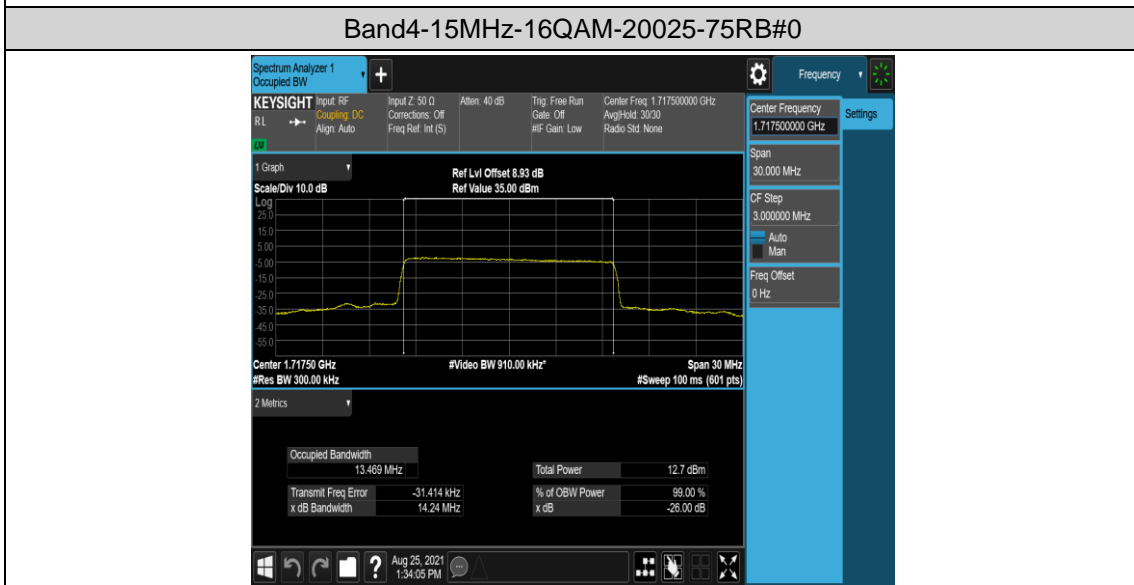
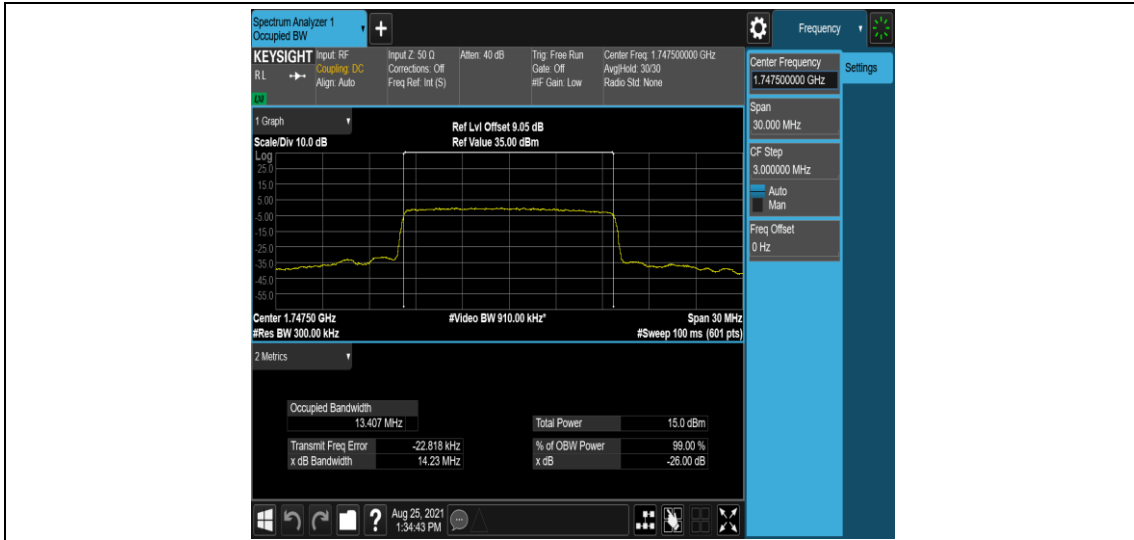


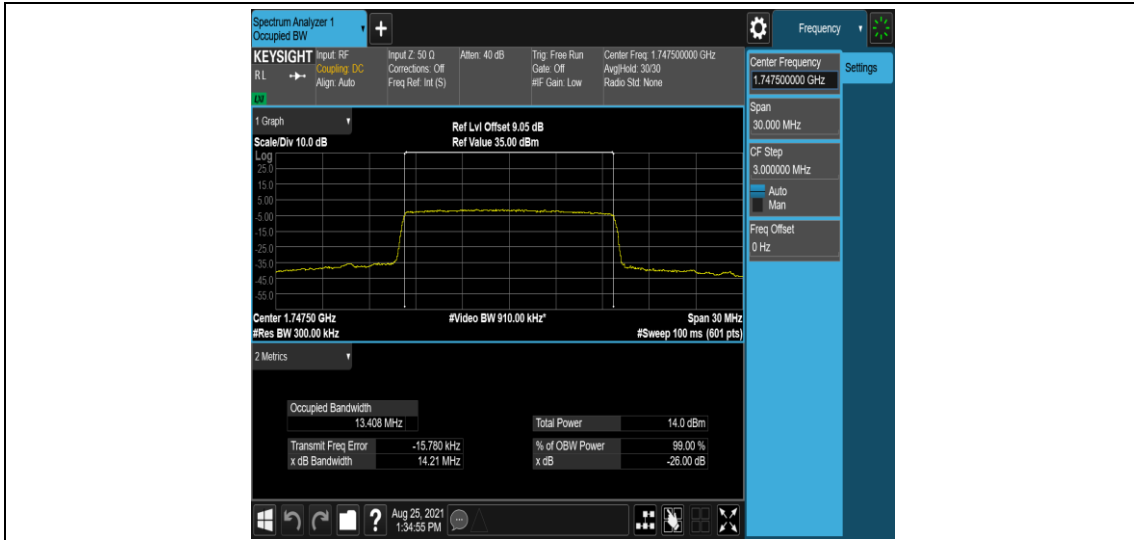
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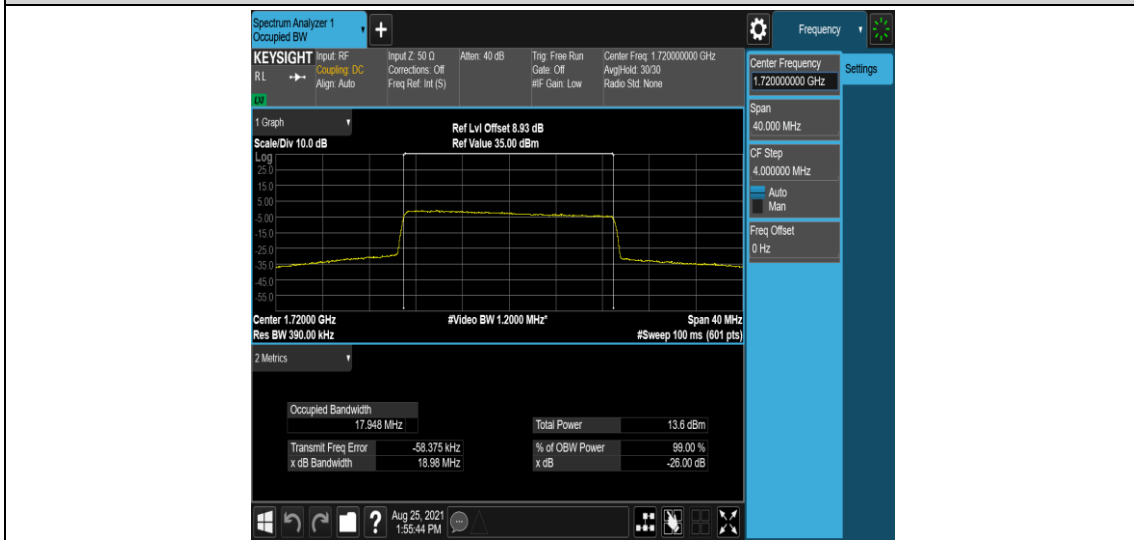
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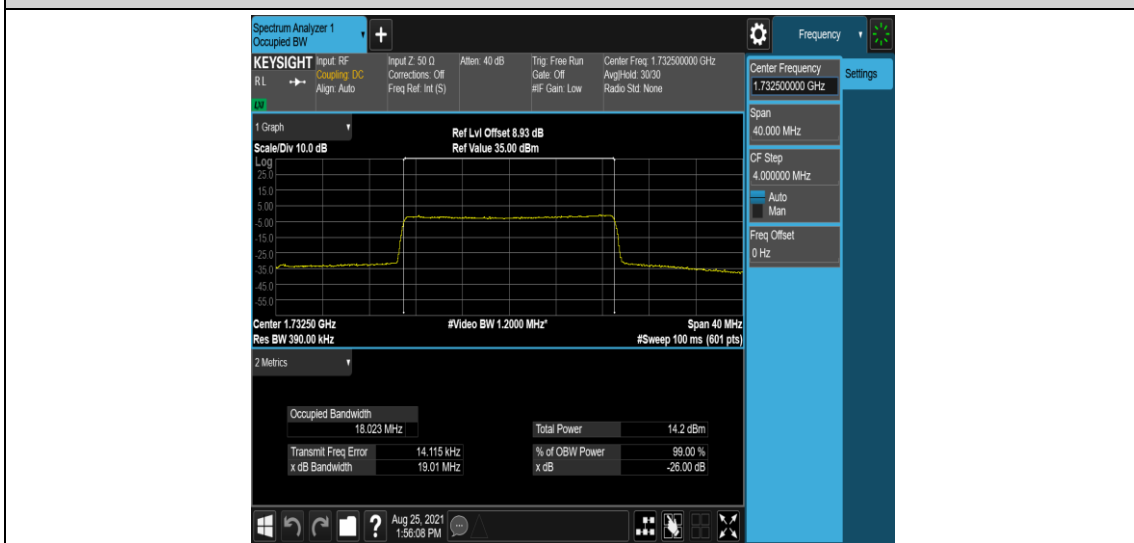




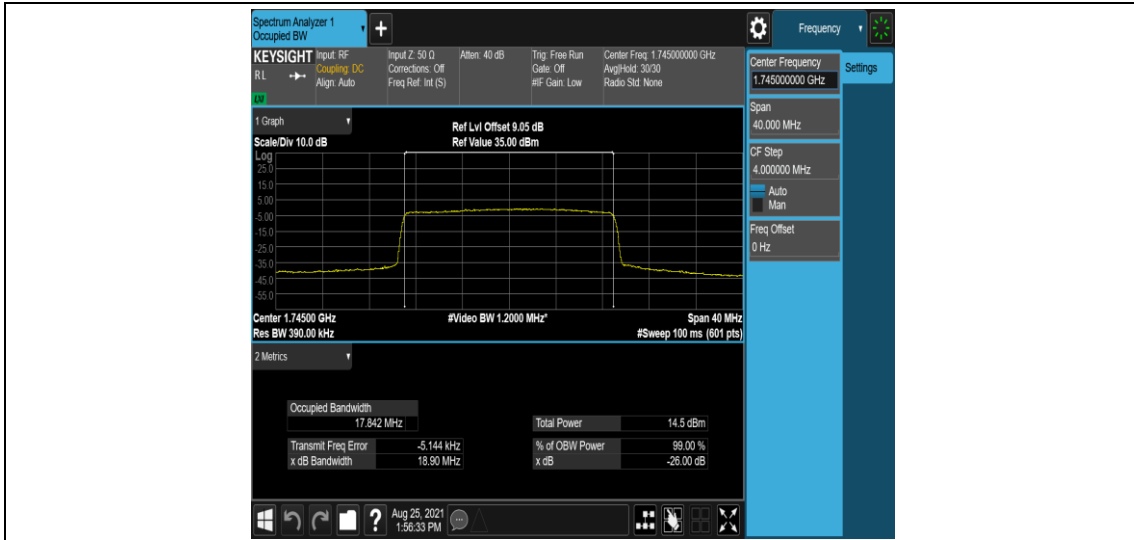
Band4-20MHz-QPSK-20050-100RB#0



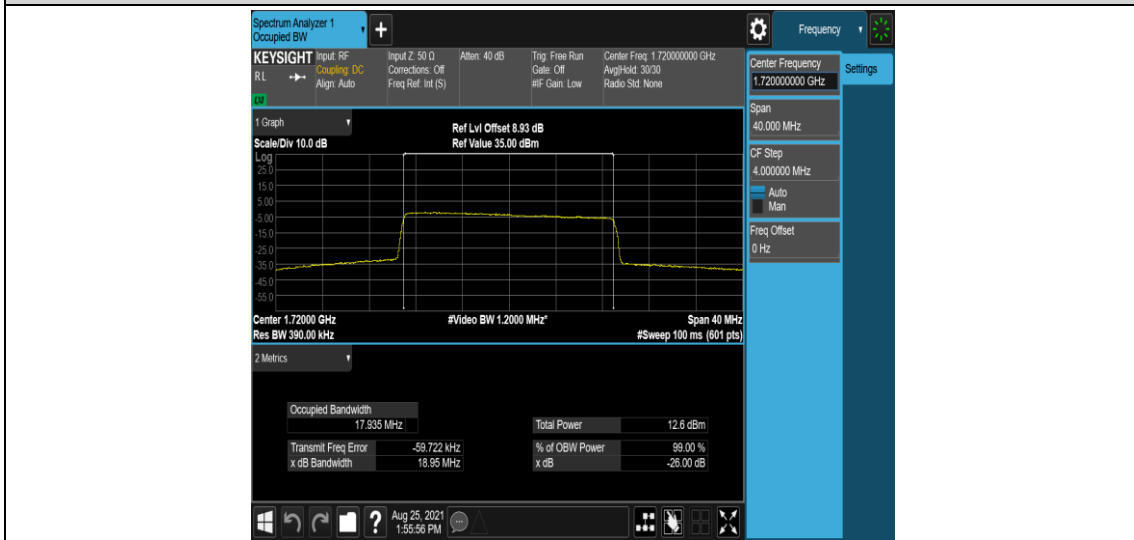
Band4-20MHz-QPSK-20175-100RB#0



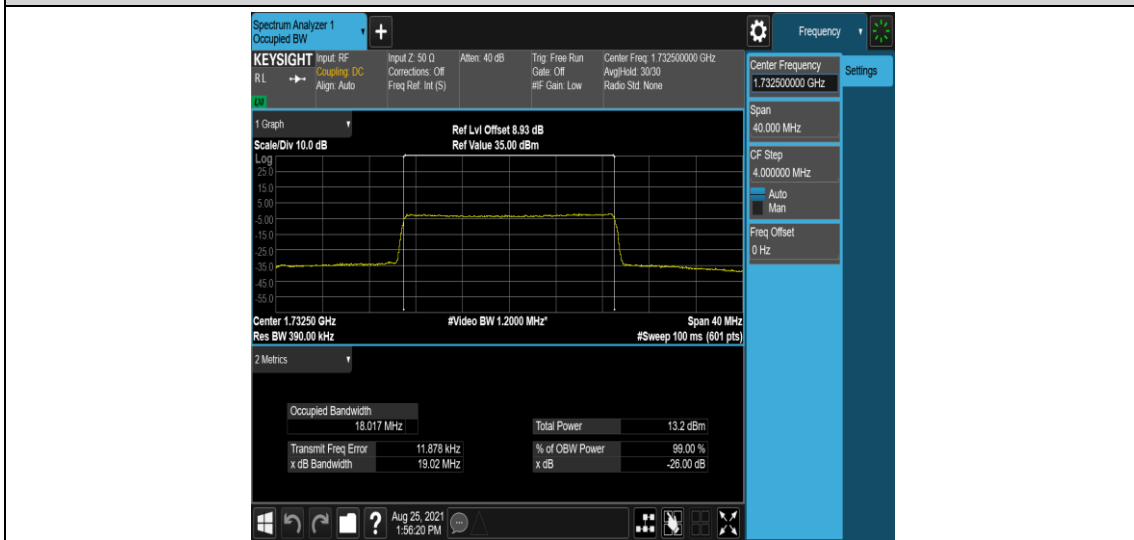
Band4-20MHz-QPSK-20300-100RB#0



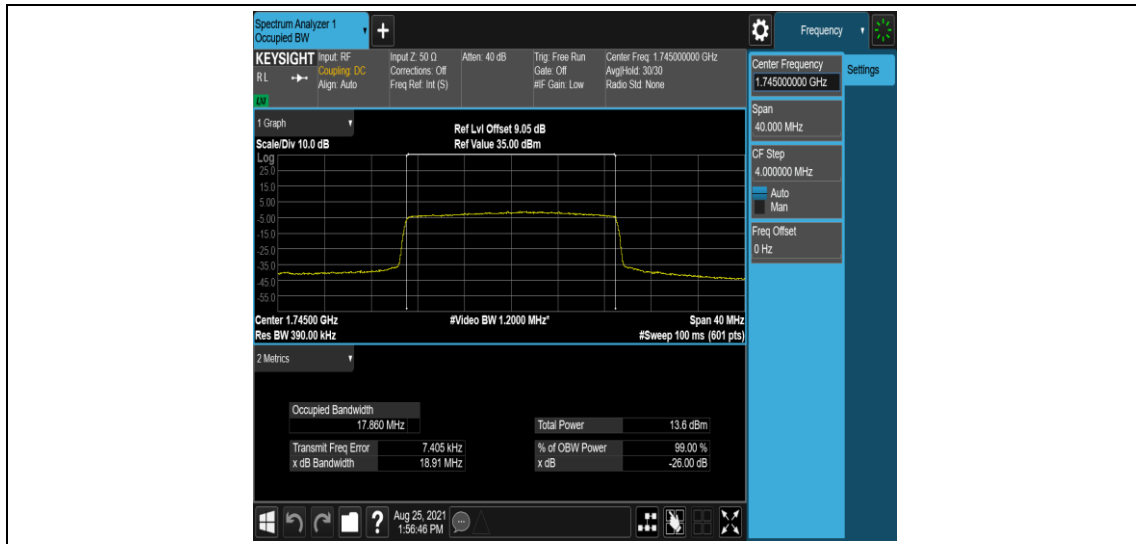
Band4-20MHz-16QAM-20050-100RB#0



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



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



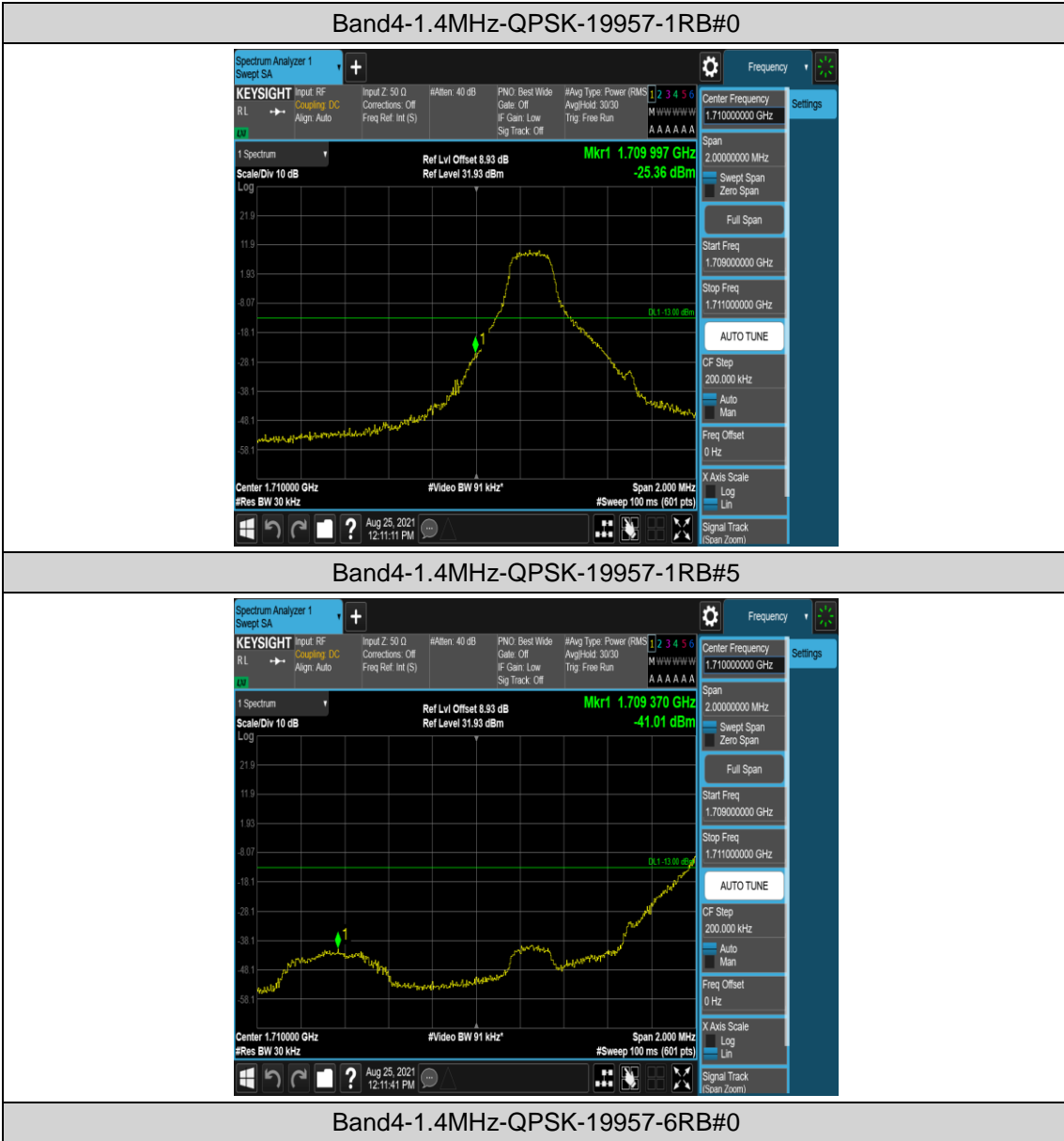
## Appendix D: Band Edge

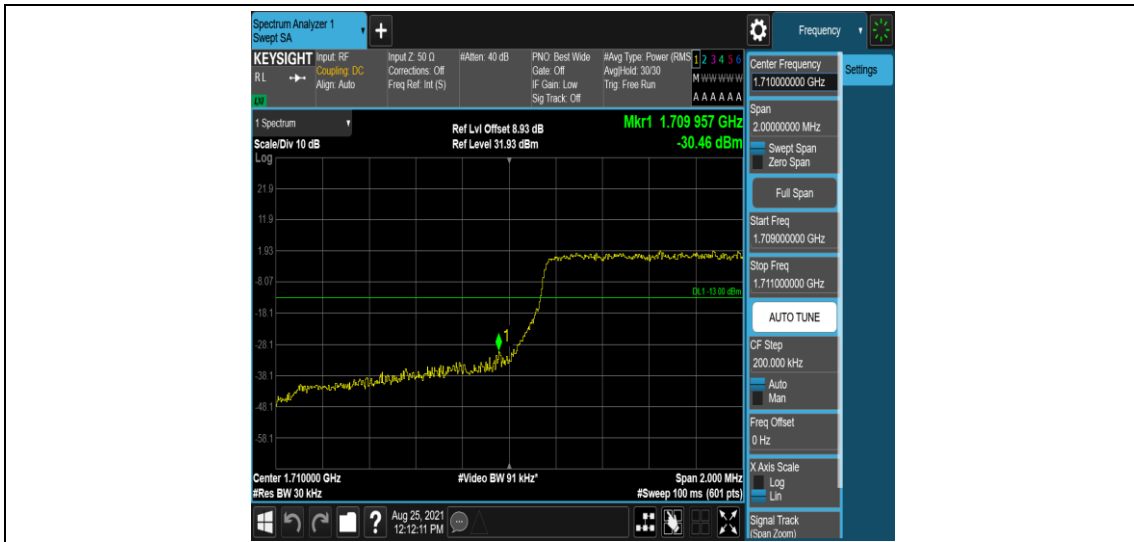
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | -25.36      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | -41.01      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | -30.46      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | -37.03      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | -24.07      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | -24.87      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | -26.42      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | -40.35      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | -32.87      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | -38.04      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | -22.30      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | -26.33      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | -23.86      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#14           | -51.38      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | -33.28      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | -51.86      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#14           | -21.42      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | -26.97      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | -24.64      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#14           | -50.65      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | -36.29      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | -51.33      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#14           | -19.34      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | -30.57      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | -22.68      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#24           | -50.36      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | -31.35      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | -50.10      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#24           | -21.26      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | -27.44      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | -22.64      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#24           | -50.09      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | -34.08      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | -50.38      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#24           | -21.02      | PASS    |

|       |       |       |       |         |        |      |
|-------|-------|-------|-------|---------|--------|------|
| Band4 | 5MHz  | 16QAM | 20375 | 25RB#0  | -30.94 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#0   | -24.19 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 1RB#49  | -48.26 | PASS |
| Band4 | 10MHz | QPSK  | 20000 | 50RB#0  | -31.30 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#0   | -48.71 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 1RB#49  | -22.86 | PASS |
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | -32.74 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | -24.24 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | -48.43 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 50RB#0  | -33.31 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | -48.46 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | -24.17 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 50RB#0  | -34.36 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | -24.72 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | -47.05 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | -27.39 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | -47.35 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | -25.14 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | -33.79 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | -25.87 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | -46.61 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 75RB#0  | -31.42 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | -47.26 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | -25.31 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 75RB#0  | -37.32 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | -27.39 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | -45.64 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | -28.95 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | -46.48 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | -27.27 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | -36.44 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | -27.92 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | -45.77 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 100RB#0 | -31.73 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | -46.34 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | -26.41 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 100RB#0 | -36.80 | PASS |

### Test Graphs

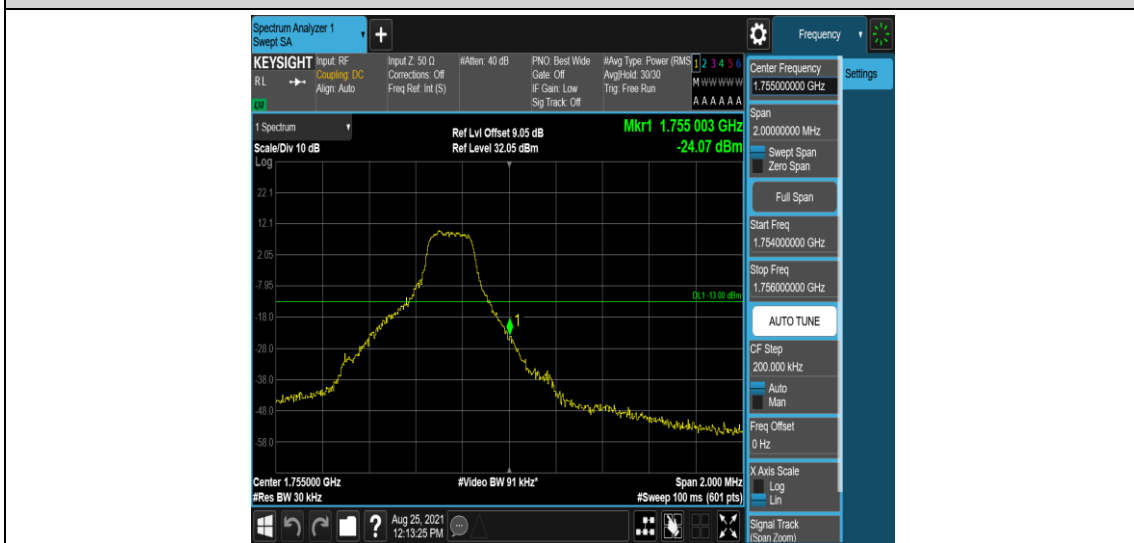




Band4-1.4MHz-QPSK-20393-1RB#0



Band4-1.4MHz-QPSK-20393-1RB#5

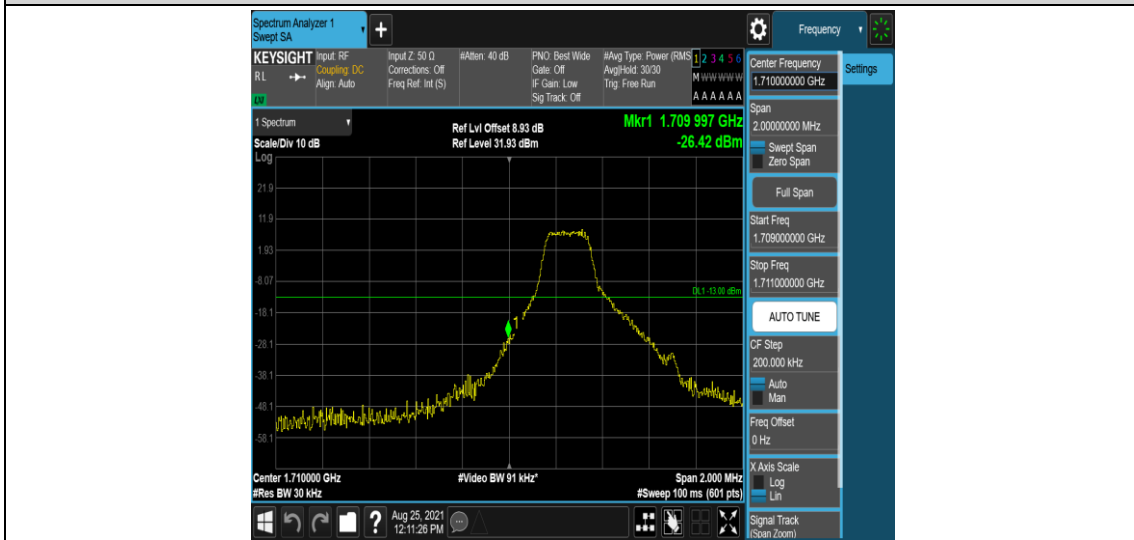


Band4-1.4MHz-QPSK-20393-6RB#0





Band4-1.4MHz-16QAM-19957-1RB#0



Band4-1.4MHz-16QAM-19957-1RB#5



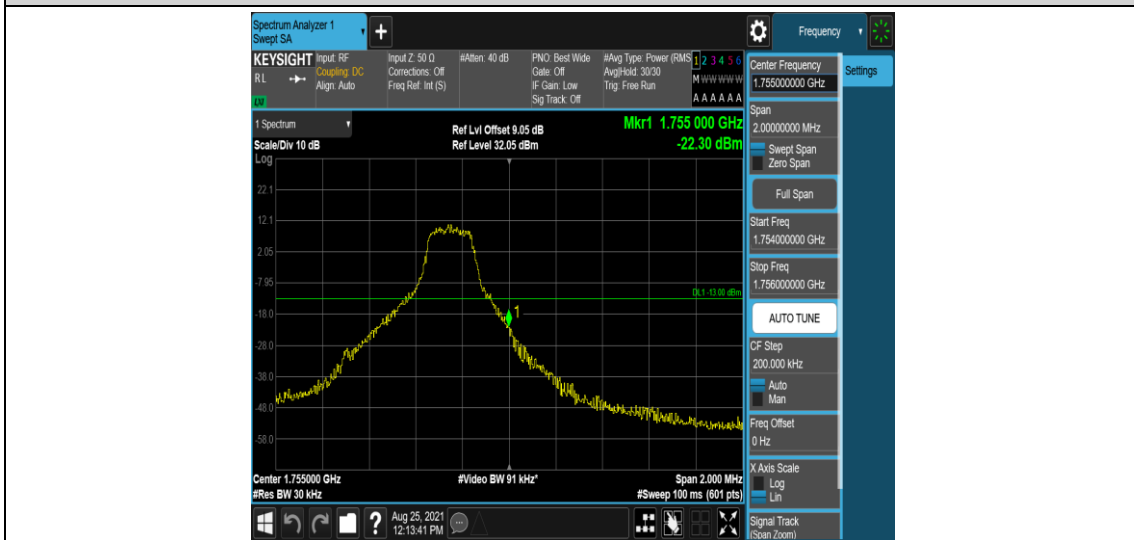
Band4-1.4MHz-16QAM-19957-6RB#0



Band4-1.4MHz-16QAM-20393-1RB#0



Band4-1.4MHz-16QAM-20393-1RB#5



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