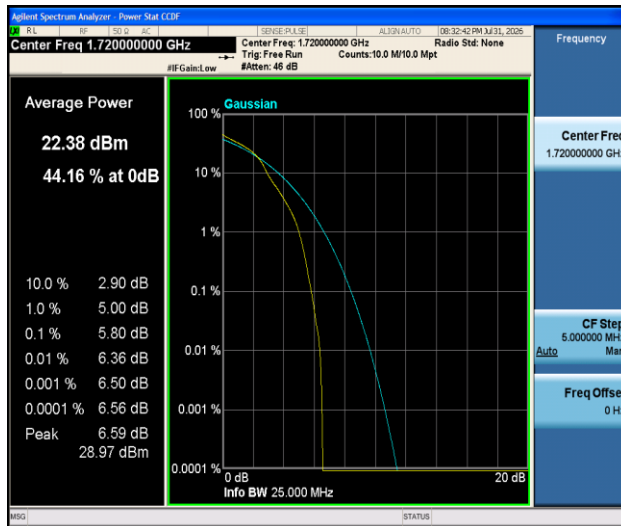
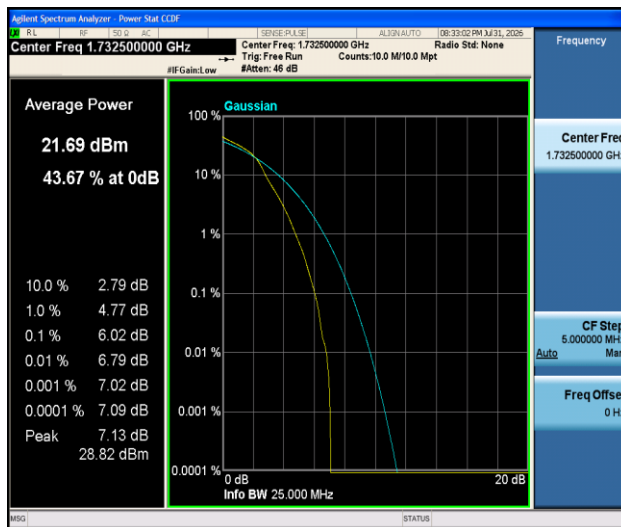
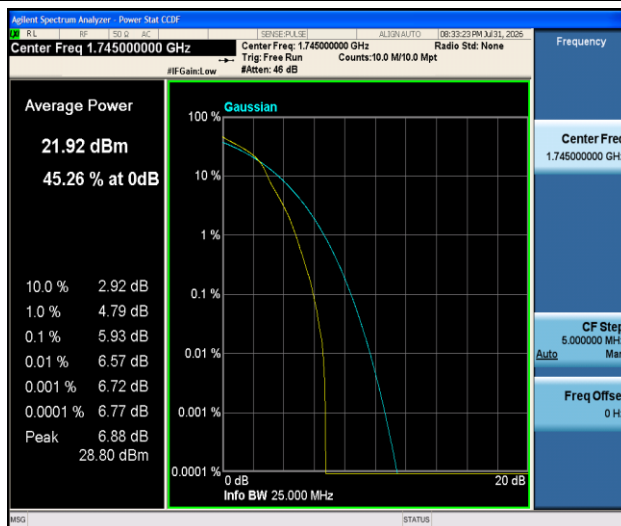




Band4-20MHz-16QAM-20050-1RB#0-PASS



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



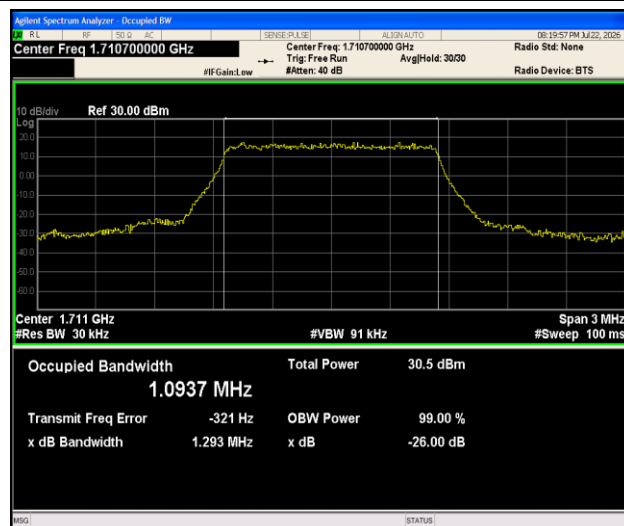
Band4-20MHz-16QAM-20300-1RB#0-PASS

## Appendix C: 26dB Bandwidth and Occupied Bandwidth

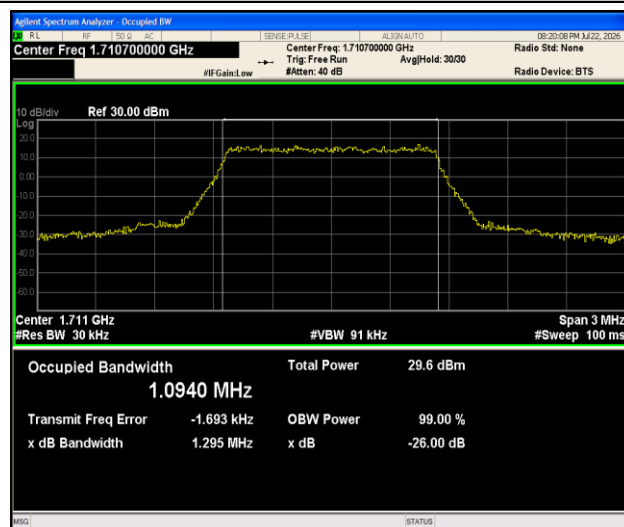
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|-------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | 1.0937                   | 1.293                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | 1.0940                   | 1.295                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20175   | 6RB#0            | 1.0947                   | 1.298                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20175   | 6RB#0            | 1.0925                   | 1.285                | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | 1.0951                   | 1.284                | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | 1.0945                   | 1.284                | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | 2.6952                   | 2.944                | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | 2.6922                   | 2.947                | PASS    |
| Band4 | 3MHz      | QPSK       | 20175   | 15RB#0           | 2.6912                   | 2.945                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20175   | 15RB#0           | 2.6976                   | 2.944                | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | 2.6963                   | 2.954                | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | 2.7072                   | 2.989                | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | 4.4925                   | 4.997                | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | 4.4999                   | 5.010                | PASS    |
| Band4 | 5MHz      | QPSK       | 20175   | 25RB#0           | 4.5023                   | 5.015                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20175   | 25RB#0           | 4.5004                   | 5.031                | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | 4.5117                   | 5.045                | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | 4.4943                   | 5.033                | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | 8.9945                   | 10.11                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20000   | 25RB#0           | 4.659                    | 5.93                 | PASS    |
| Band4 | 10MHz     | QPSK       | 20175   | 50RB#0           | 9.0107                   | 10.24                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20175   | 25RB#0           | 4.692                    | 5.87                 | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 50RB#0           | 8.9817                   | 10.15                | PASS    |
| Band4 | 10MHz     | 16QAM      | 20350   | 25RB#0           | 4.659                    | 5.73                 | PASS    |
| Band4 | 15MHz     | QPSK       | 20025   | 75RB#0           | 13.519                   | 15.29                | PASS    |
| Band4 | 15MHz     | QPSK       | 20175   | 75RB#0           | 13.519                   | 15.43                | PASS    |
| Band4 | 15MHz     | QPSK       | 20325   | 75RB#0           | 13.517                   | 15.28                | PASS    |
| Band4 | 20MHz     | QPSK       | 20050   | 100RB#0          | 17.981                   | 20.05                | PASS    |
| Band4 | 20MHz     | QPSK       | 20175   | 100RB#0          | 18.029                   | 20.08                | PASS    |
| Band4 | 20MHz     | QPSK       | 20300   | 100RB#0          | 17.961                   | 19.99                | PASS    |

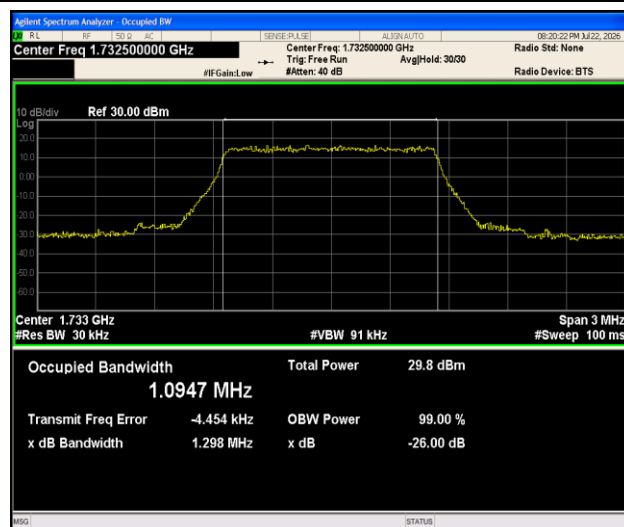
## Test Graphs



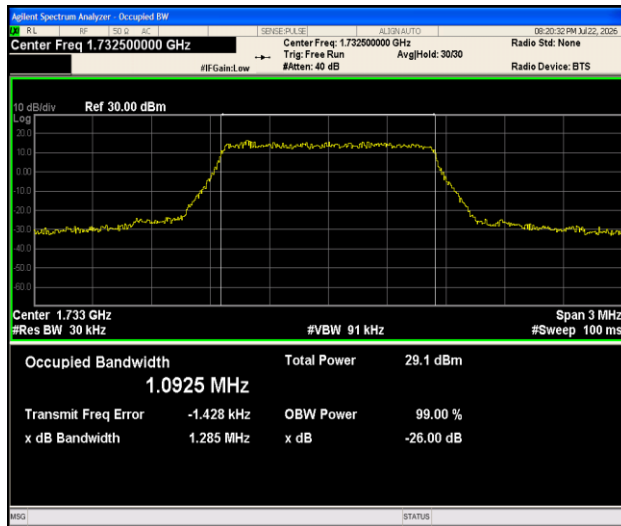
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



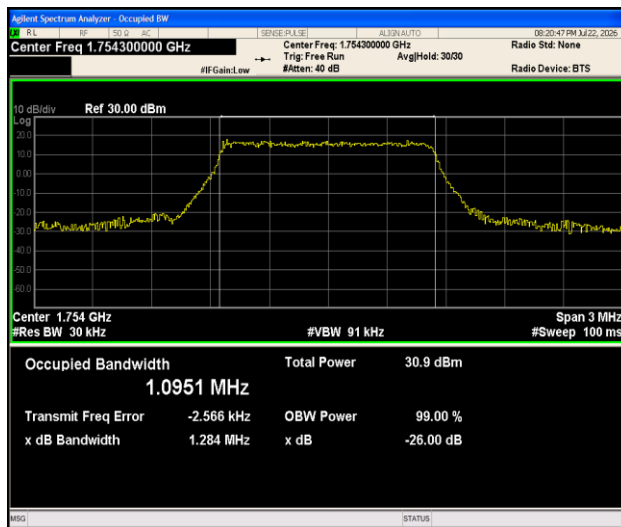
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



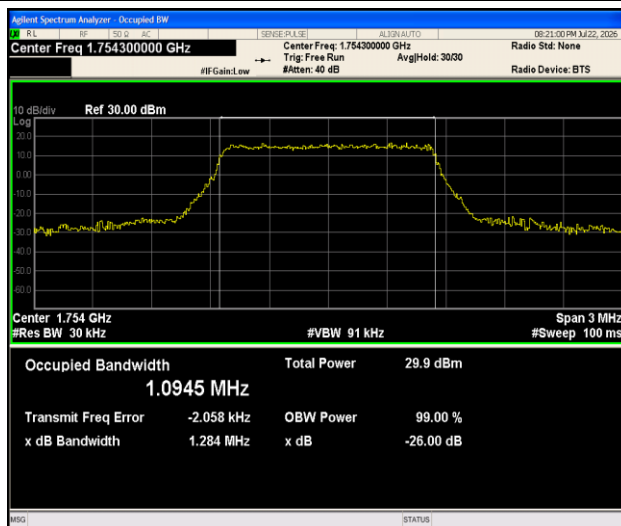
Band4-1.4MHz-QPSK-20175-6RB#0-PASS



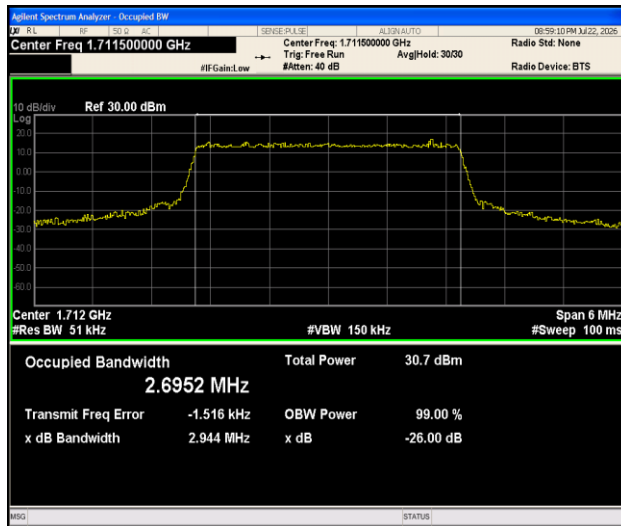
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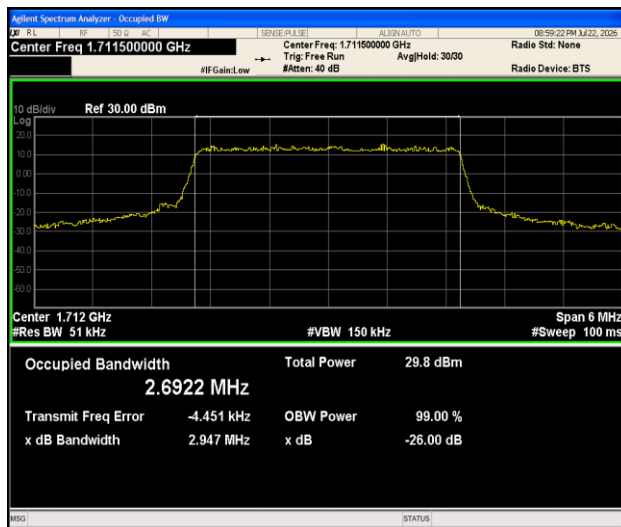
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



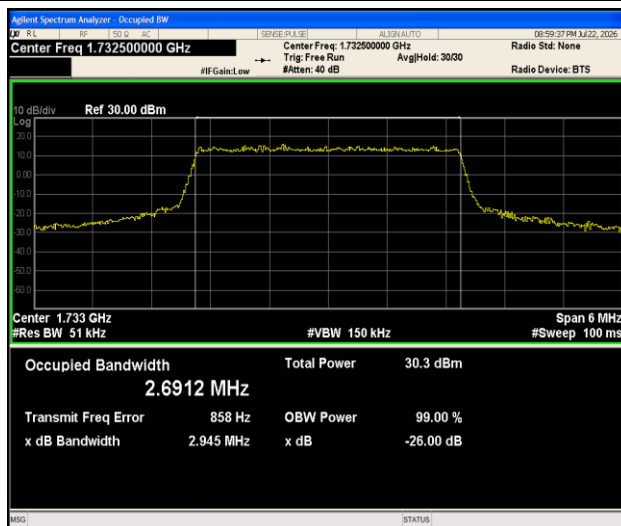
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



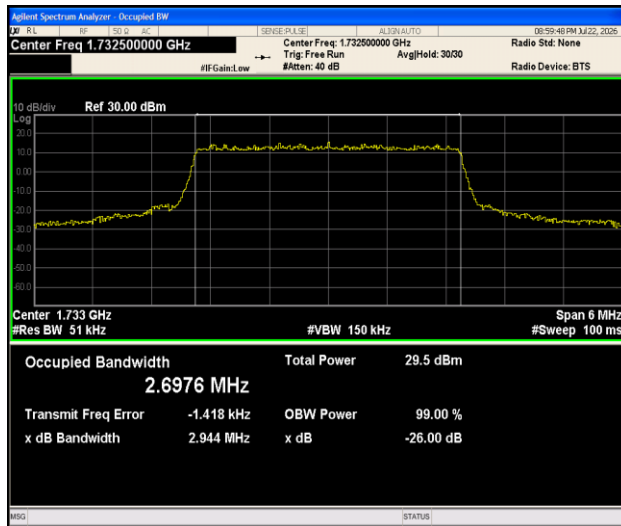
Band4-3MHz-QPSK-19965-15RB#0-PASS



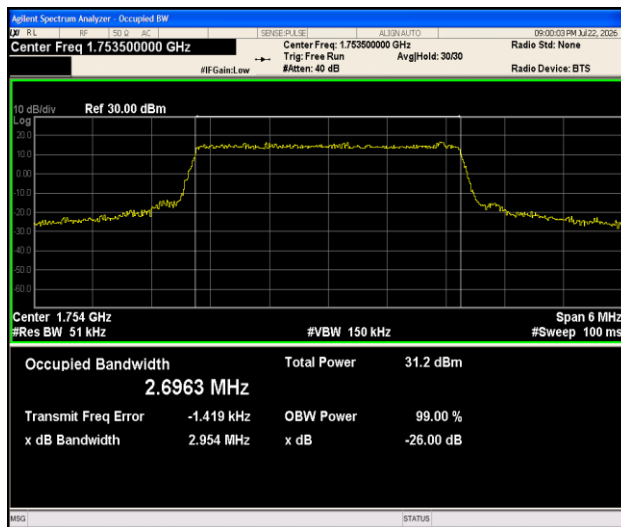
Band4-3MHz-16QAM-19965-15RB#0-PASS



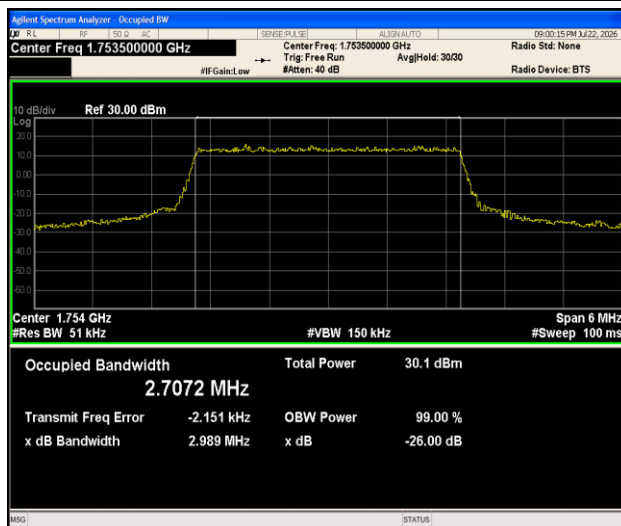
Band4-3MHz-QPSK-20175-15RB#0-PASS



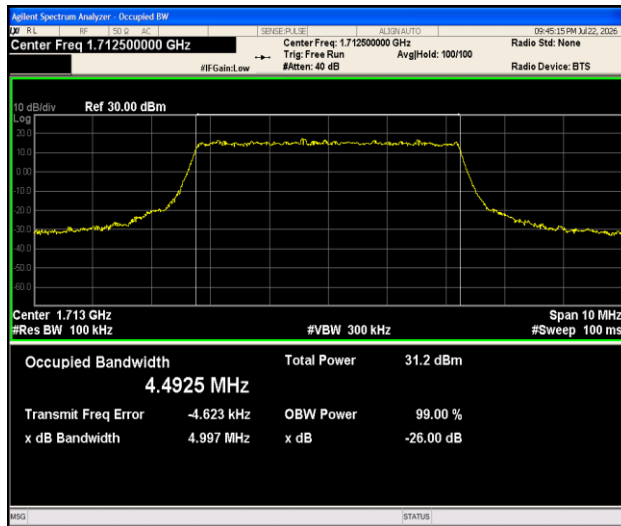
Band4-3MHz-16QAM-20175-15RB#0-PASS



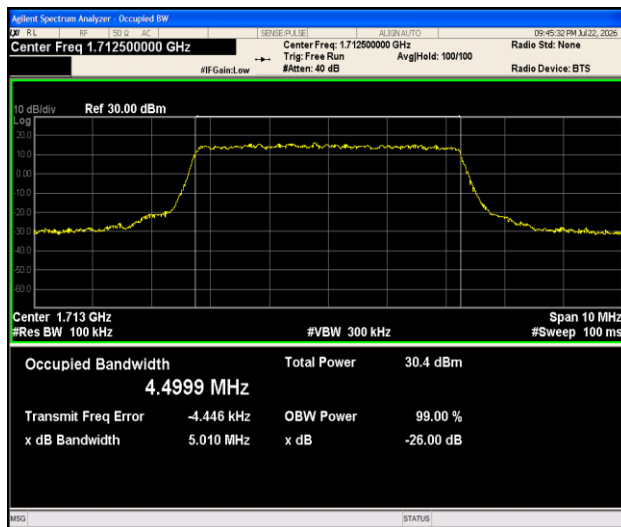
Band4-3MHz-QPSK-20385-15RB#0-PASS



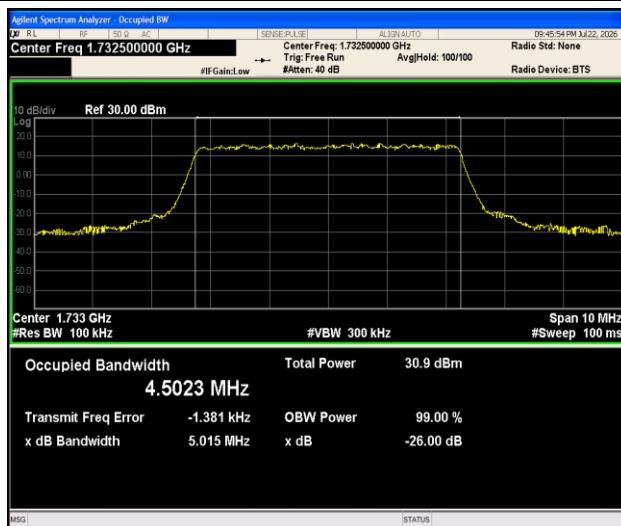
Band4-3MHz-16QAM-20385-15RB#0-PASS



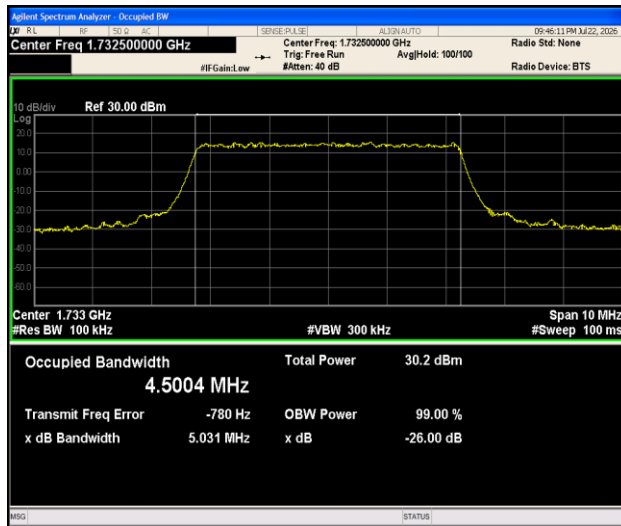
Band4-5MHz-QPSK-19975-25RB#0-PASS



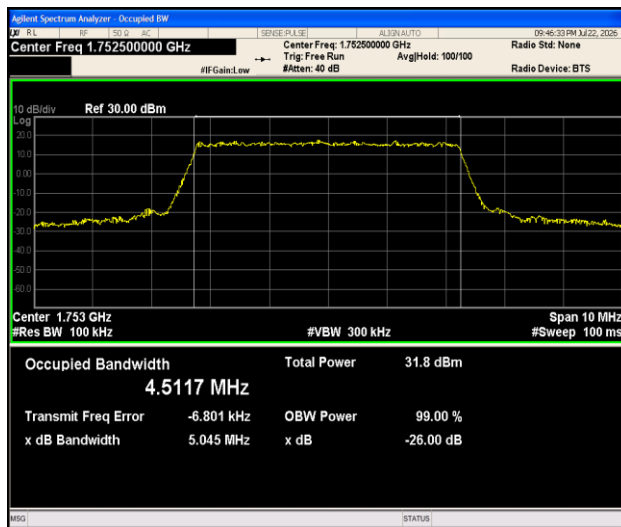
Band4-5MHz-16QAM-19975-25RB#0-PASS



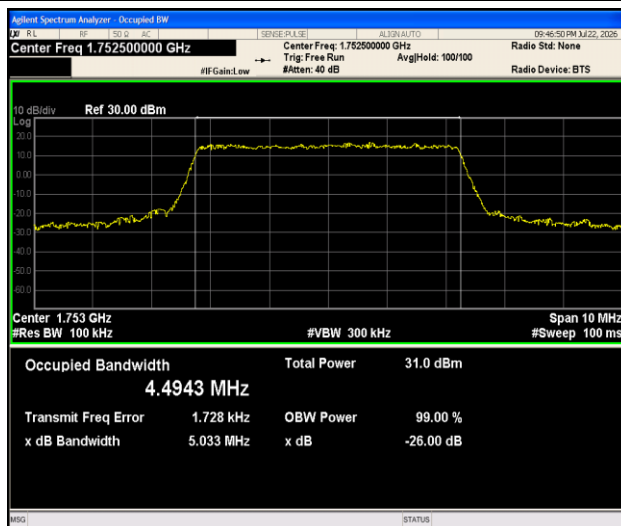
Band4-5MHz-QPSK-20175-25RB#0-PASS



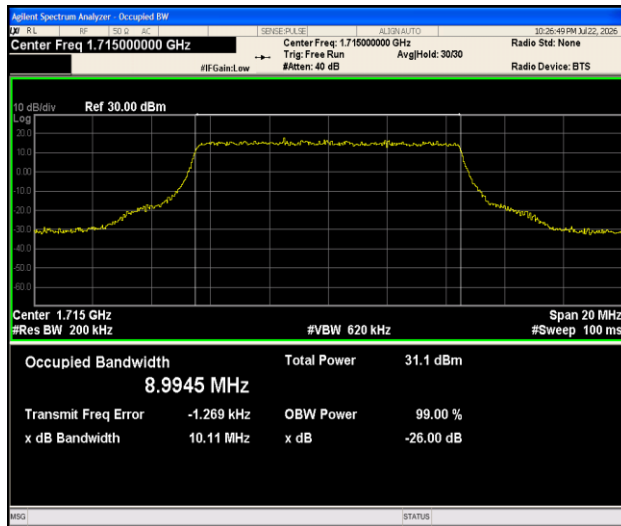
Band4-5MHz-16QAM-20175-25RB#0-PASS



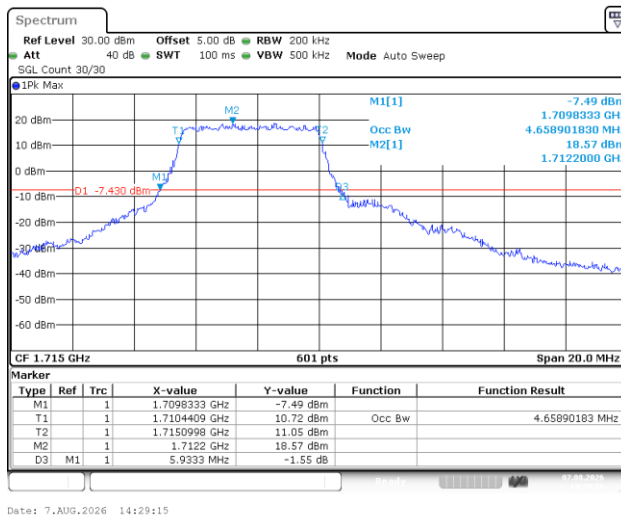
Band4-5MHz-QPSK-20375-25RB#0-PASS



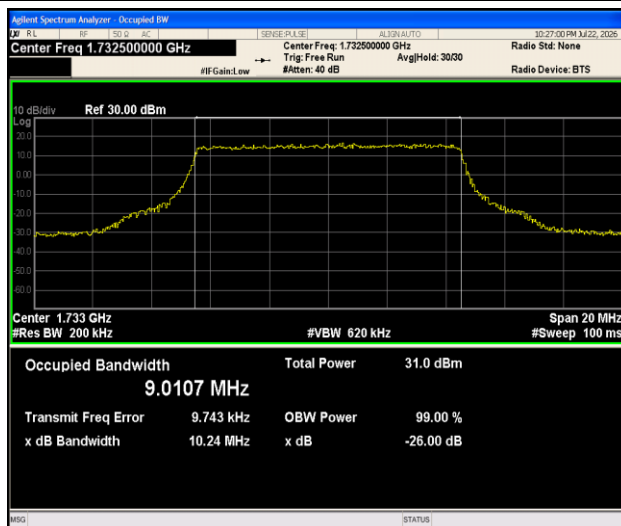
Band4-5MHz-16QAM-20375-25RB#0-PASS



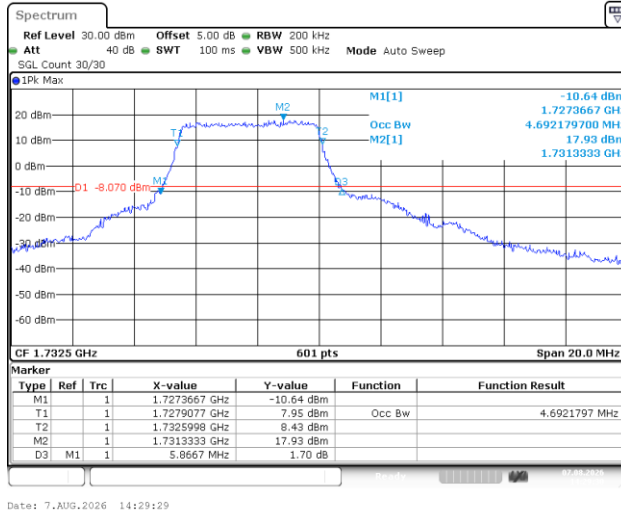
### Band4-10MHz-QPSK-20000-50RB#0-PASS



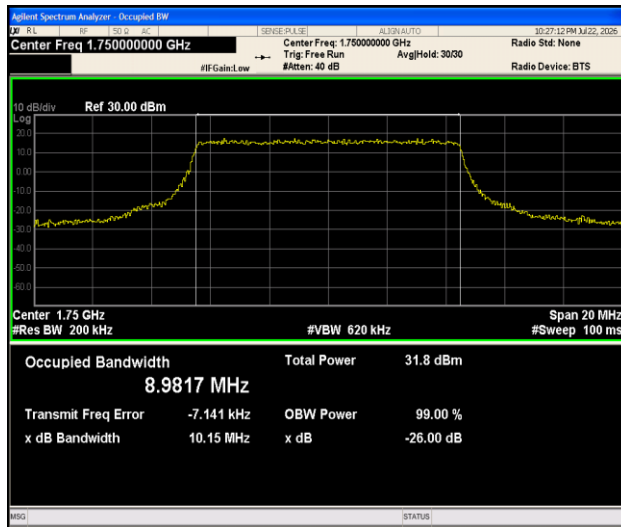
### Band4-10MHz-16QAM-20000-25RB#0-PASS



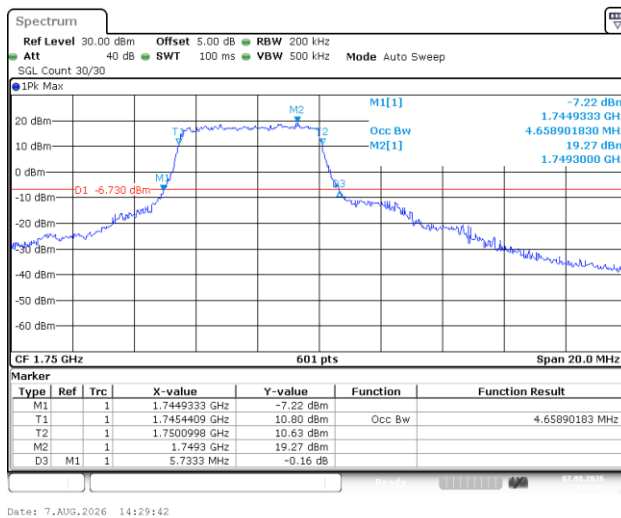
### Band4-10MHz-QPSK-20175-50RB#0-PASS



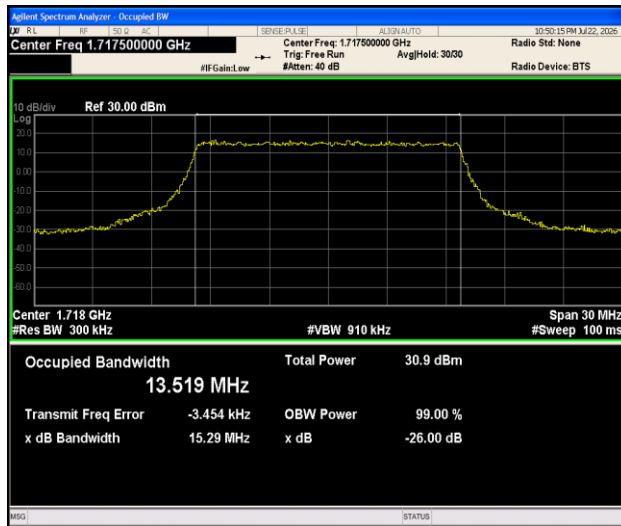
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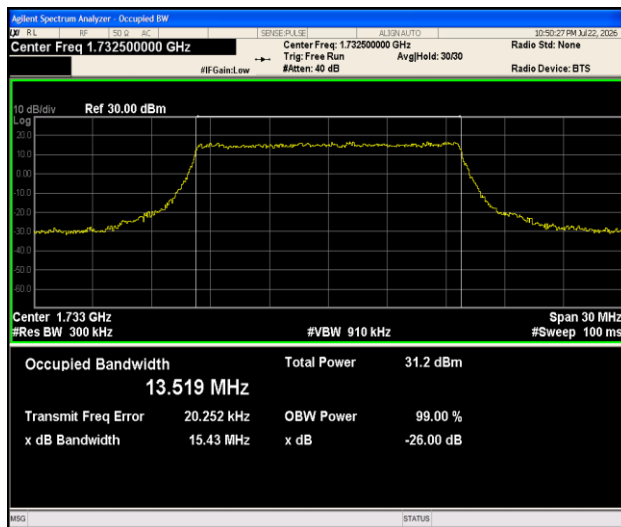
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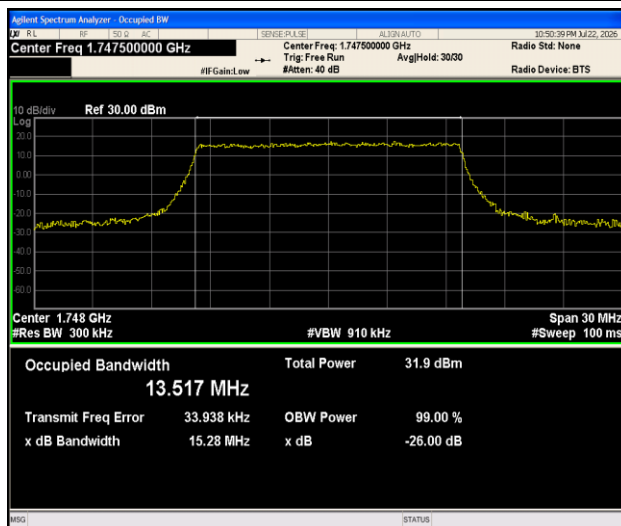
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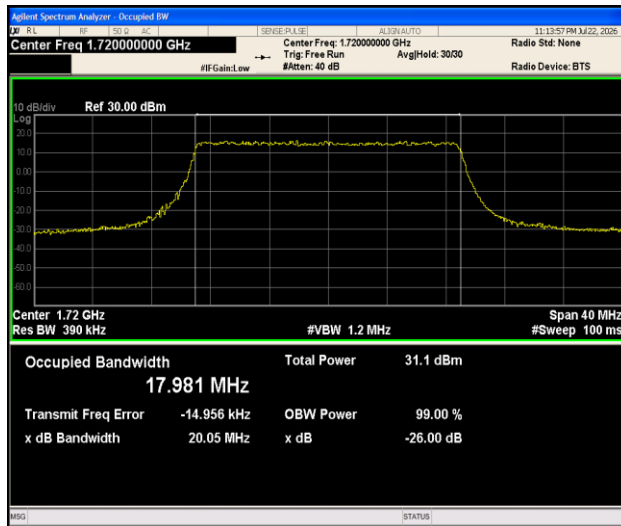
Band4-15MHz-QPSK-20025-75RB#0-PASS



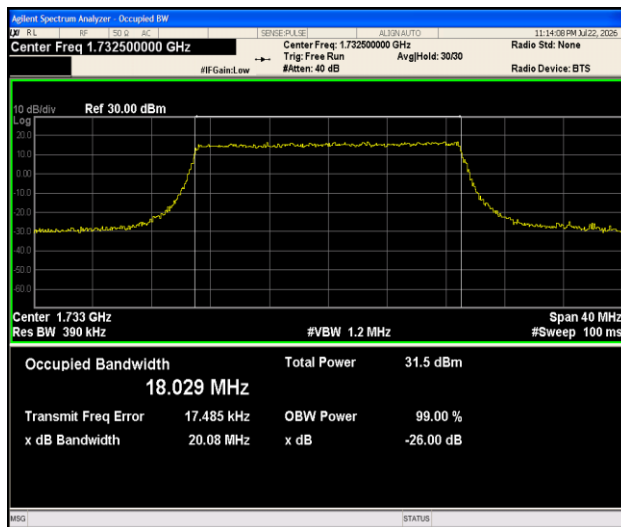
Band4-15MHz-QPSK-20175-75RB#0-PASS



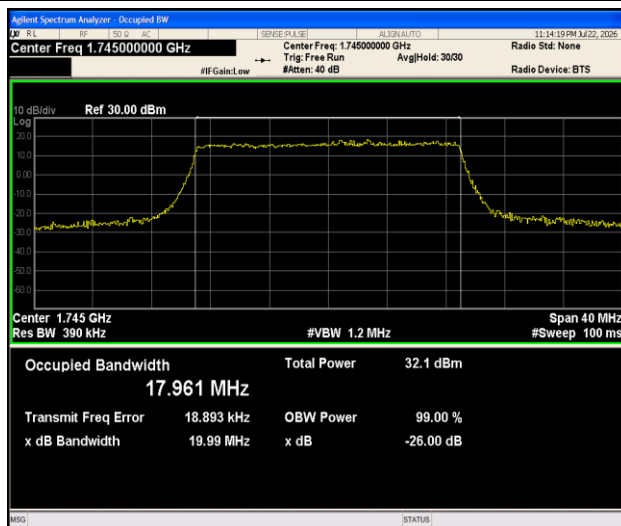
Band4-15MHz-QPSK-20325-75RB#0-PASS



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



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



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

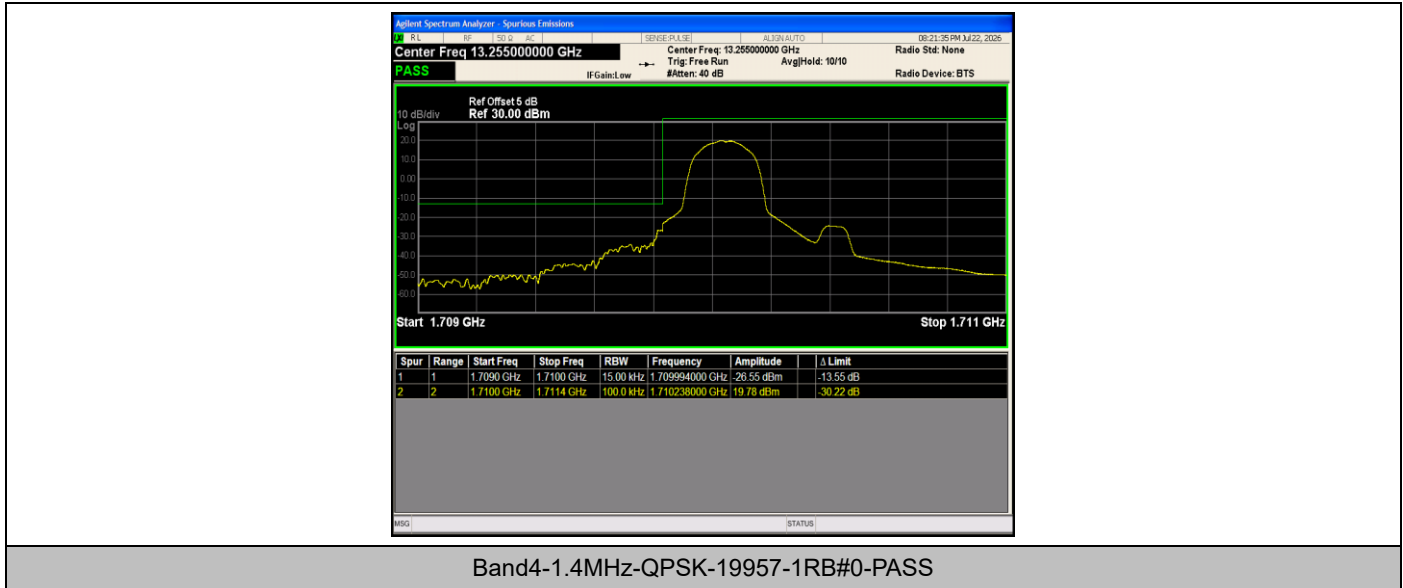
## Appendix D: Band Edge

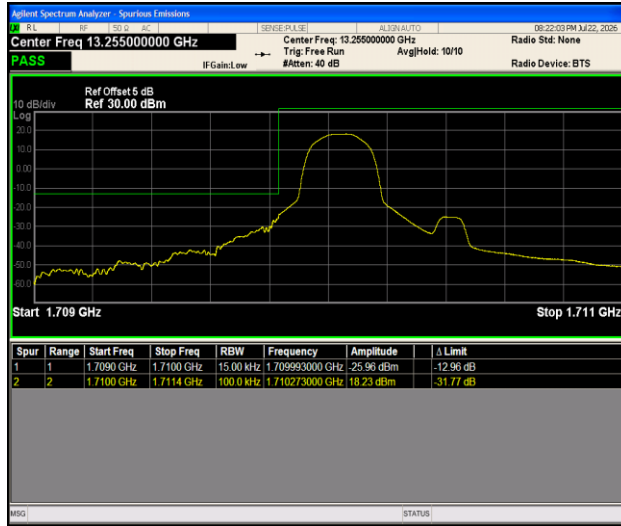
### Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|---------|
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#0            | -26.55      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#0            | -25.96      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 1RB#5            | -48.50      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 1RB#5            | -47.73      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 19957   | 6RB#0            | -35.86      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 19957   | 6RB#0            | -30.76      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#0            | -45.38      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#0            | -46.71      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 1RB#5            | -61.53      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 1RB#5            | -24.42      | PASS    |
| Band4 | 1.4MHz    | QPSK       | 20393   | 6RB#0            | -35.86      | PASS    |
| Band4 | 1.4MHz    | 16QAM      | 20393   | 6RB#0            | -32.81      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#0            | -23.55      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#0            | -24.78      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 1RB#14           | -48.57      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 1RB#14           | -49.68      | PASS    |
| Band4 | 3MHz      | QPSK       | 19965   | 15RB#0           | -33.52      | PASS    |
| Band4 | 3MHz      | 16QAM      | 19965   | 15RB#0           | -34.52      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#0            | -48.06      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#0            | -48.71      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 1RB#14           | -24.10      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 1RB#14           | -24.24      | PASS    |
| Band4 | 3MHz      | QPSK       | 20385   | 15RB#0           | -34.23      | PASS    |
| Band4 | 3MHz      | 16QAM      | 20385   | 15RB#0           | -63.07      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#0            | -26.00      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#0            | -58.44      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 1RB#24           | -56.16      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 1RB#24           | -56.73      | PASS    |
| Band4 | 5MHz      | QPSK       | 19975   | 25RB#0           | -36.38      | PASS    |
| Band4 | 5MHz      | 16QAM      | 19975   | 25RB#0           | -36.73      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#0            | -55.57      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#0            | -56.34      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 1RB#24           | -24.75      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 1RB#24           | -26.14      | PASS    |
| Band4 | 5MHz      | QPSK       | 20375   | 25RB#0           | -35.61      | PASS    |
| Band4 | 5MHz      | 16QAM      | 20375   | 25RB#0           | -36.15      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#0            | -33.40      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 1RB#49           | -52.83      | PASS    |
| Band4 | 10MHz     | QPSK       | 20000   | 50RB#0           | -39.61      | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#0            | -52.25      | PASS    |
| Band4 | 10MHz     | QPSK       | 20350   | 1RB#49           | -33.33      | PASS    |

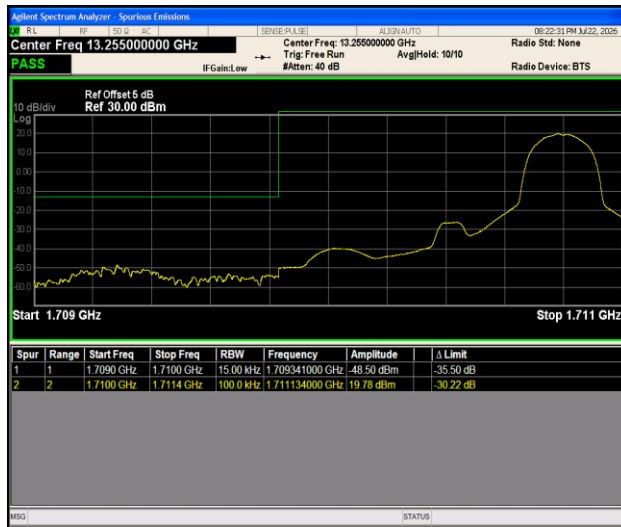
|       |       |       |       |         |        |      |
|-------|-------|-------|-------|---------|--------|------|
| Band4 | 10MHz | QPSK  | 20350 | 50RB#0  | -38.40 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#0   | -39.08 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 1RB#74  | -51.87 | PASS |
| Band4 | 15MHz | QPSK  | 20025 | 75RB#0  | -41.03 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#0   | -51.05 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 1RB#74  | -38.70 | PASS |
| Band4 | 15MHz | QPSK  | 20325 | 75RB#0  | -39.00 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#0   | -42.43 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 1RB#99  | -50.62 | PASS |
| Band4 | 20MHz | QPSK  | 20050 | 100RB#0 | -41.20 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#0   | -50.09 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 1RB#99  | -40.61 | PASS |
| Band4 | 20MHz | QPSK  | 20300 | 100RB#0 | -38.97 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#0   | -35.56 | PASS |
| Band4 | 10MHz | 16QAM | 20000 | 1RB#49  | -53.30 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#0   | -52.96 | PASS |
| Band4 | 10MHz | 16QAM | 20350 | 1RB#49  | -34.53 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#0   | -40.46 | PASS |
| Band4 | 15MHz | 16QAM | 20025 | 1RB#74  | -52.28 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#0   | -51.65 | PASS |
| Band4 | 15MHz | 16QAM | 20325 | 1RB#74  | -40.02 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#0   | -43.25 | PASS |
| Band4 | 20MHz | 16QAM | 20050 | 1RB#99  | -51.25 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#0   | -50.46 | PASS |
| Band4 | 20MHz | 16QAM | 20300 | 1RB#99  | -41.25 | PASS |

## Test Graphs

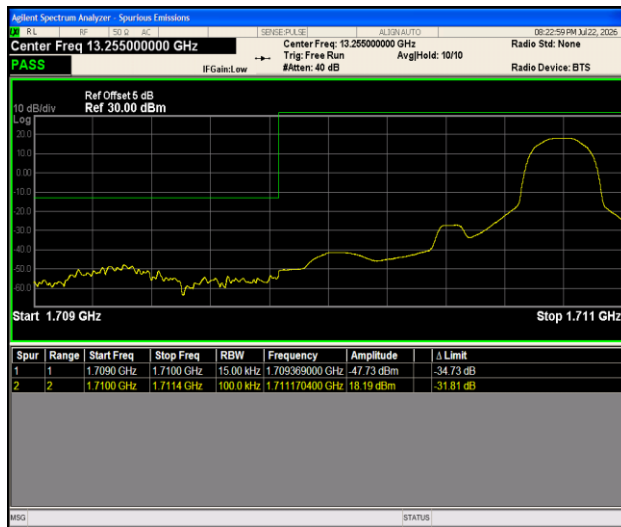




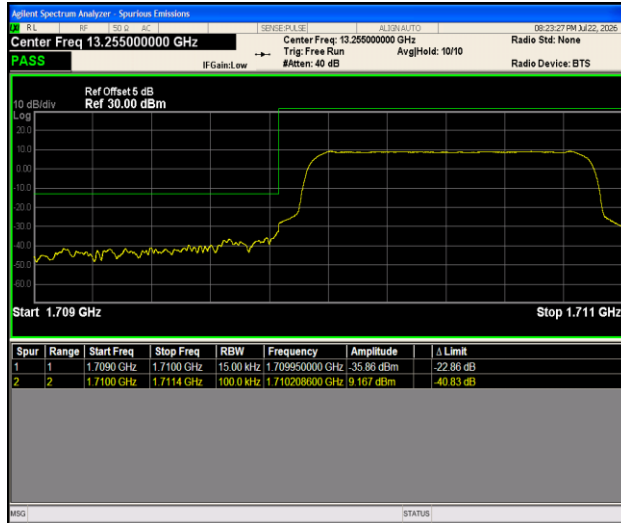
Band4-1.4MHz-16QAM-19957-1RB#0-PASS



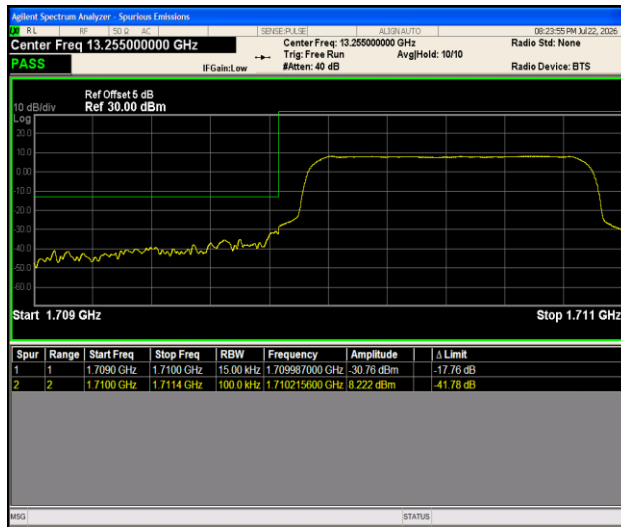
Band4-1.4MHz-QPSK-19957-1RB#5-PASS



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



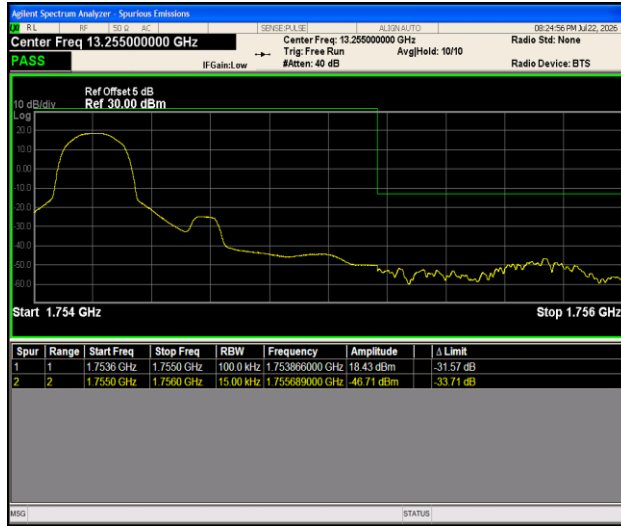
Band4-1.4MHz-QPSK-19957-6RB#0-PASS



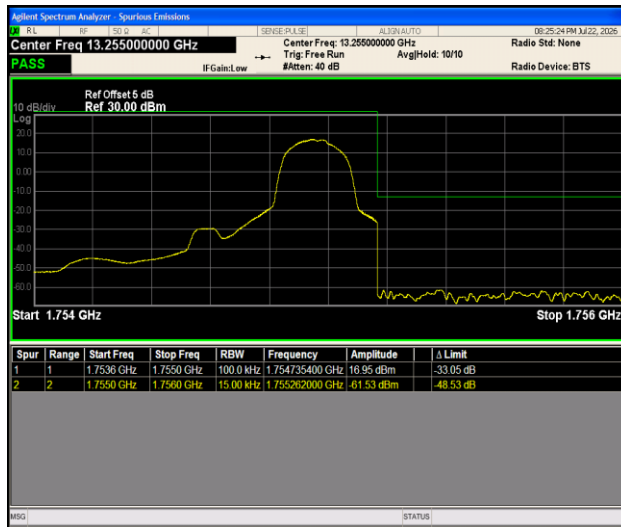
Band4-1.4MHz-16QAM-19957-6RB#0-PASS



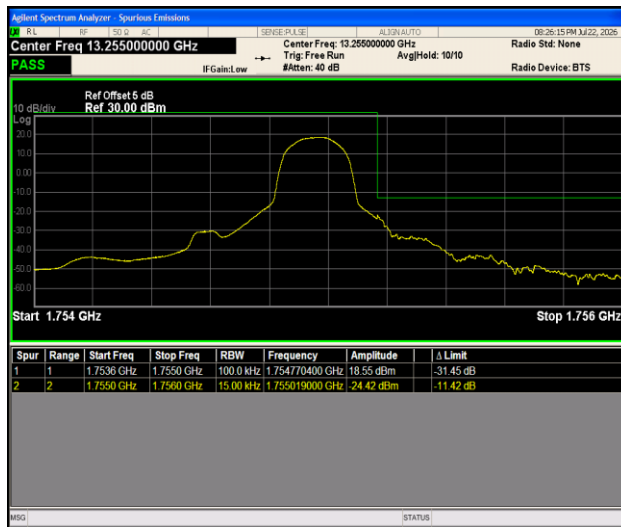
Band4-1.4MHz-QPSK-20393-1RB#0-PASS



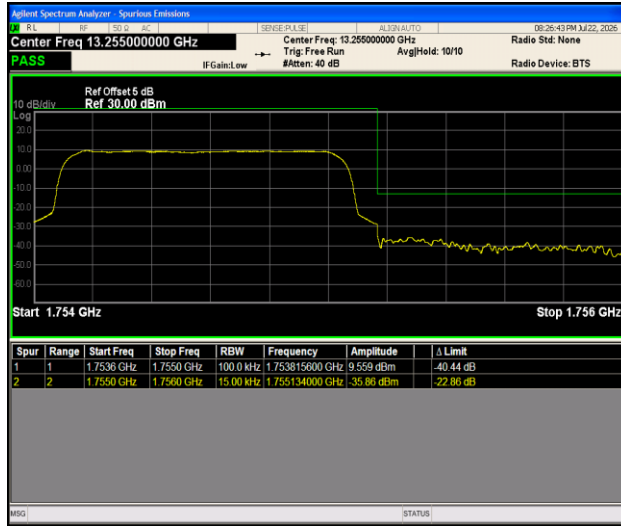
Band4-1.4MHz-16QAM-20393-1RB#0-PASS



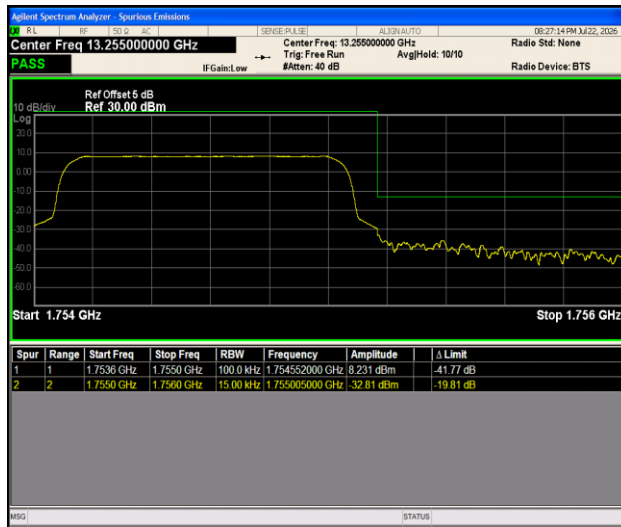
Band4-1.4MHz-QPSK-20393-1RB#5-PASS



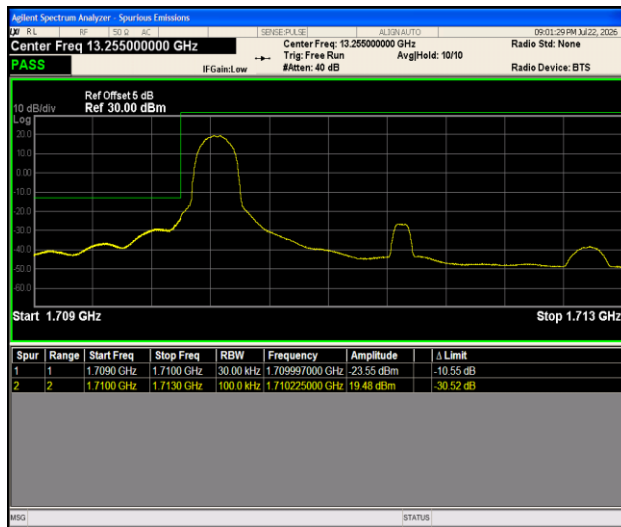
Band4-1.4MHz-16QAM-20393-1RB#5-PASS



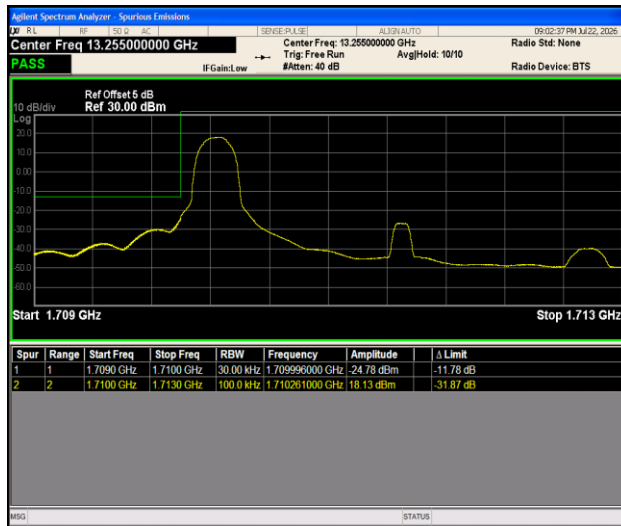
Band4-1.4MHz-QPSK-20393-6RB#0-PASS



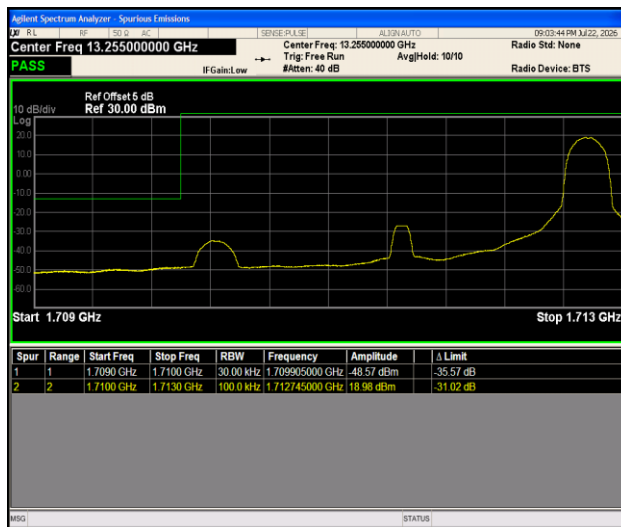
Band4-1.4MHz-16QAM-20393-6RB#0-PASS



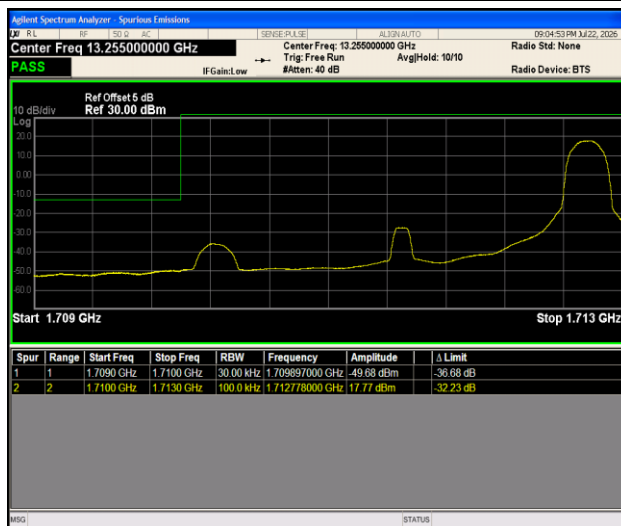
Band4-3MHz-QPSK-19965-1RB#0-PASS



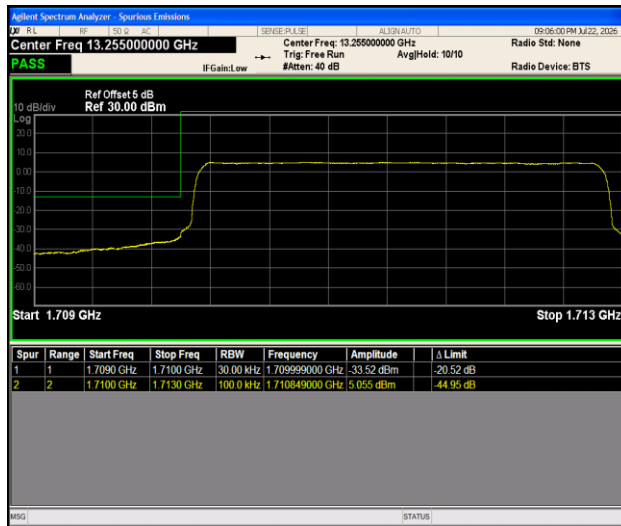
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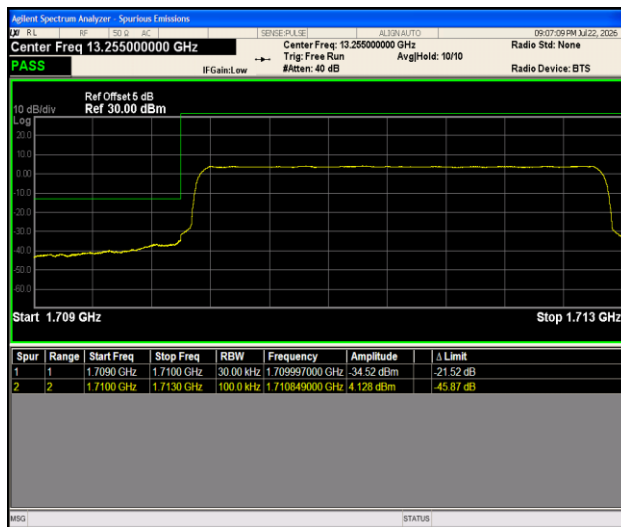
Band4-3MHz-QPSK-19965-1RB#14-PASS



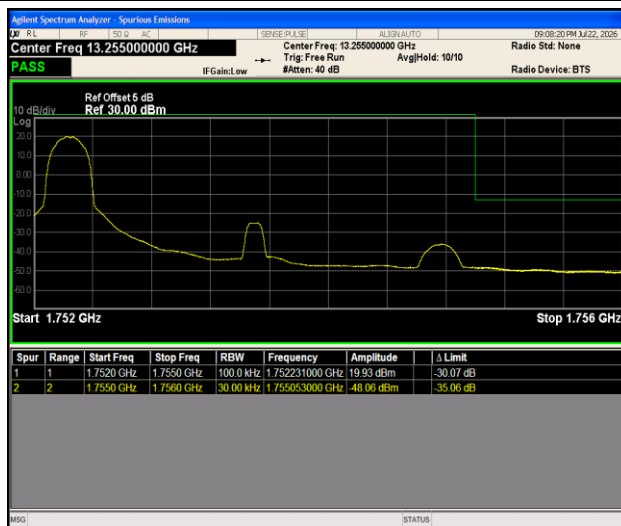
Band4-3MHz-16QAM-19965-1RB#14-PASS



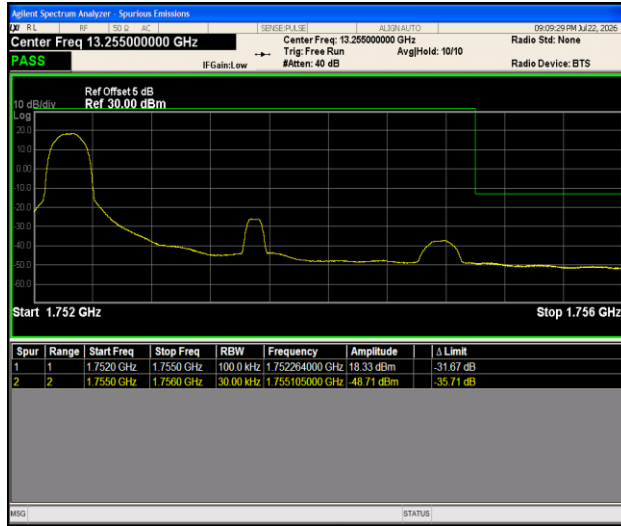
Band4-3MHz-QPSK-19965-15RB#0-PASS



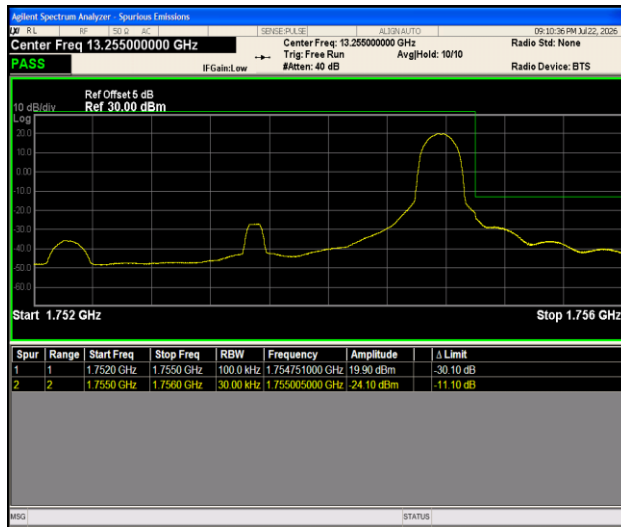
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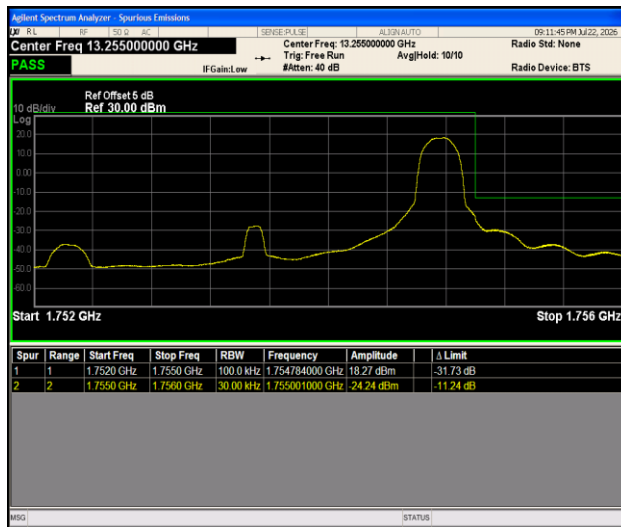
Band4-3MHz-QPSK-20385-1RB#0-PASS



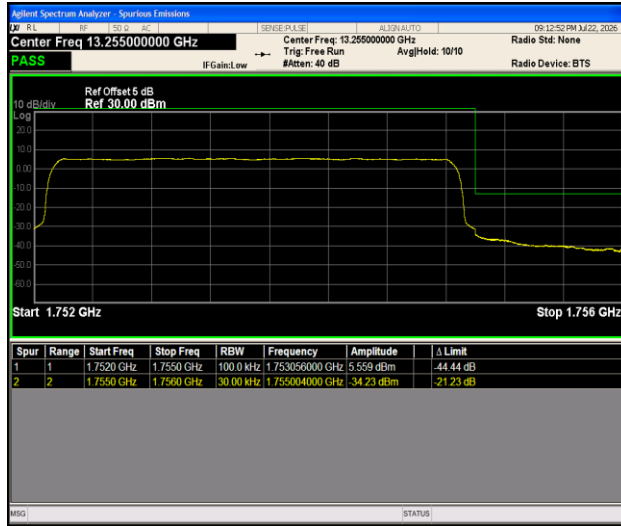
Band4-3MHz-16QAM-20385-1RB#0-PASS



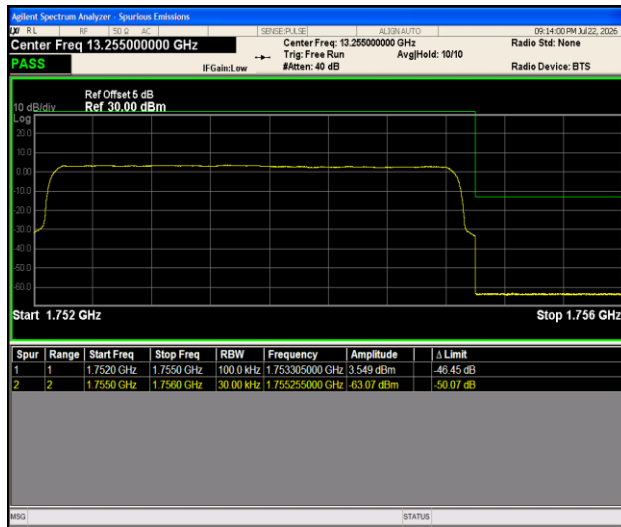
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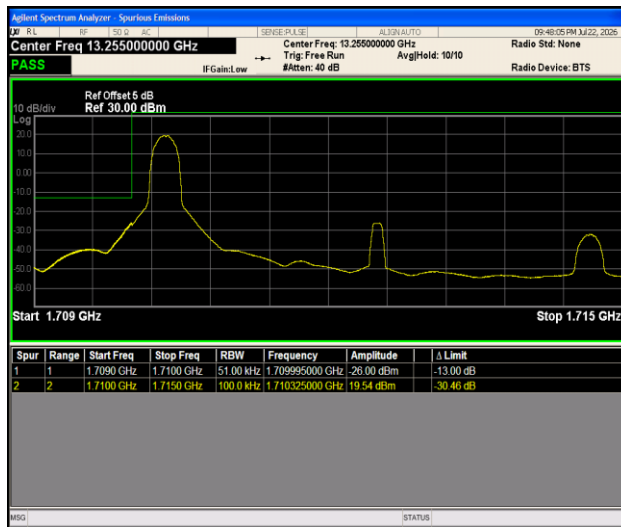
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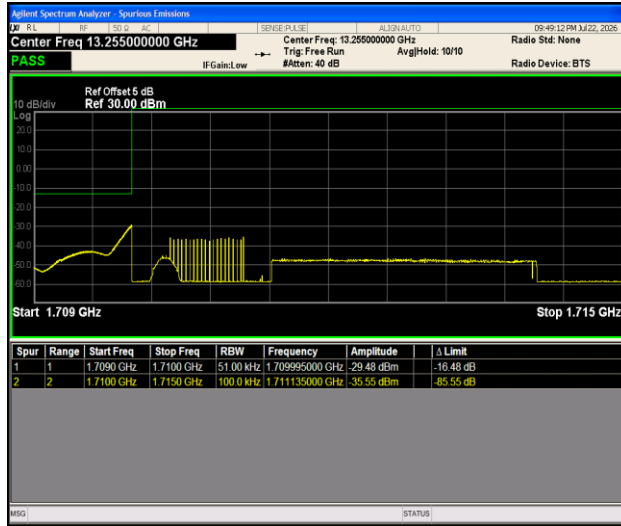
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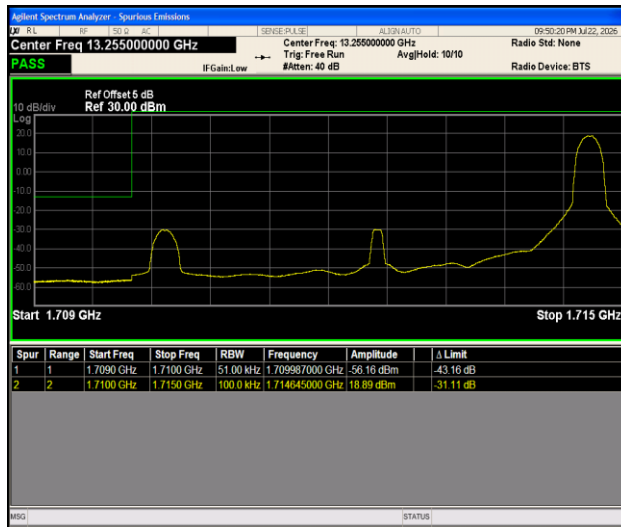
Band4-3MHz-16QAM-20385-15RB#0-PASS



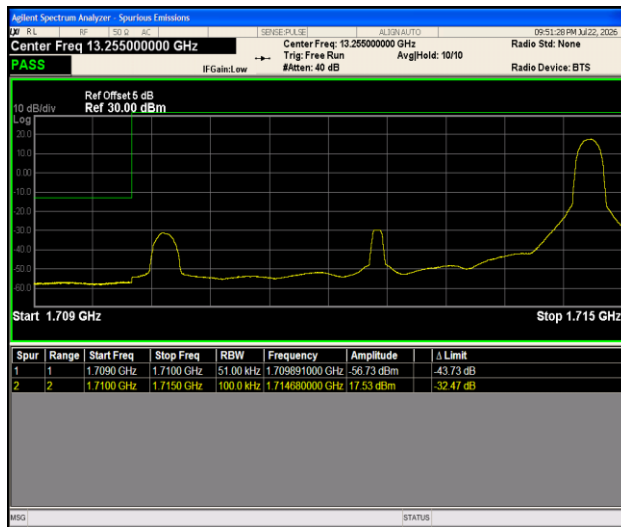
Band4-5MHz-QPSK-19975-1RB#0-PASS



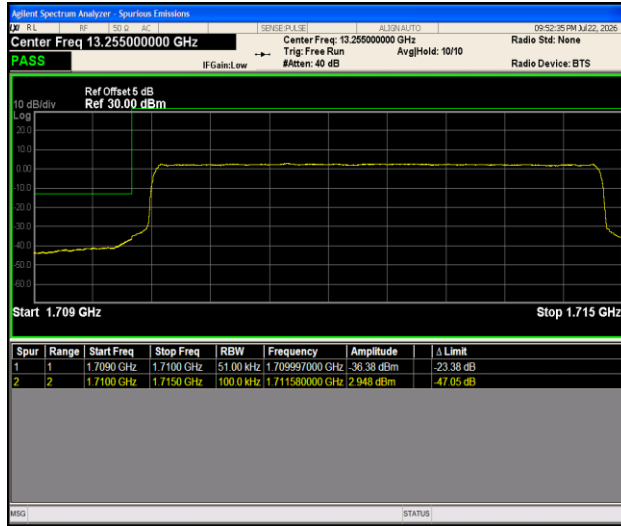
Band4-5MHz-16QAM-19975-1RB#0-PASS



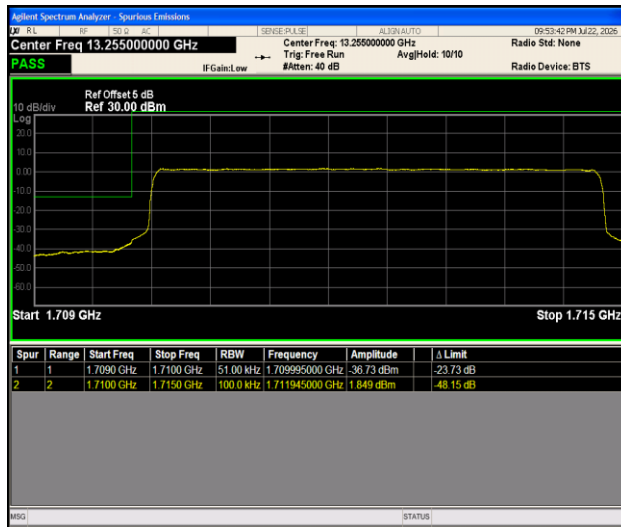
Band4-5MHz-QPSK-19975-1RB#24-PASS



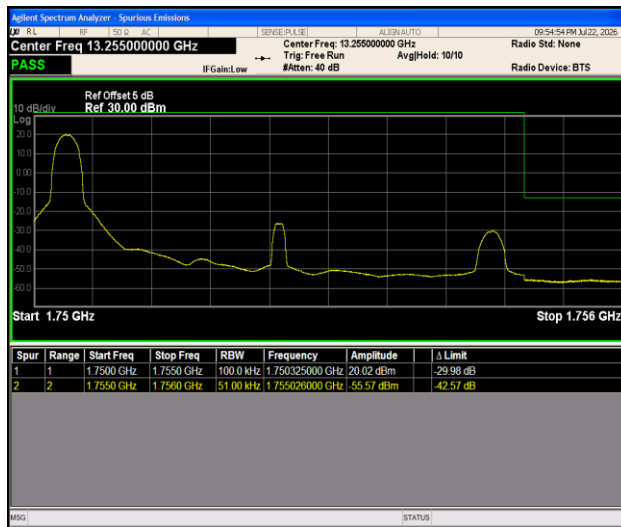
Band4-5MHz-16QAM-19975-1RB#24-PASS



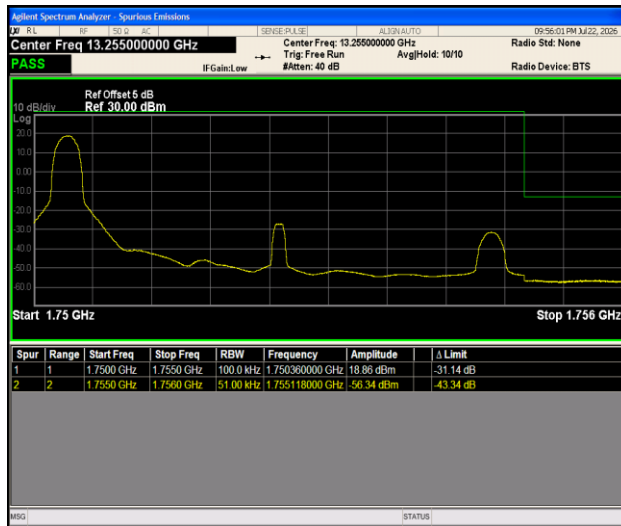
Band4-5MHz-QPSK-19975-25RB#0-PASS



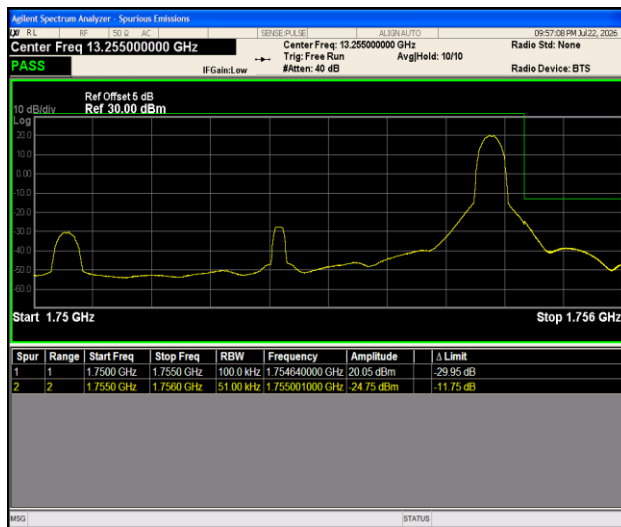
Band4-5MHz-16QAM-19975-25RB#0-PASS



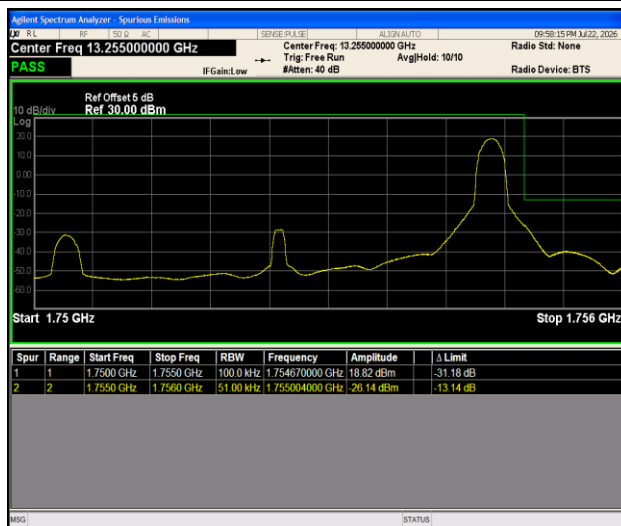
Band4-5MHz-QPSK-20375-1RB#0-PASS



Band4-5MHz-16QAM-20375-1RB#0-PASS



Band4-5MHz-QPSK-20375-1RB#24-PASS



Band4-5MHz-16QAM-20375-1RB#24-PASS