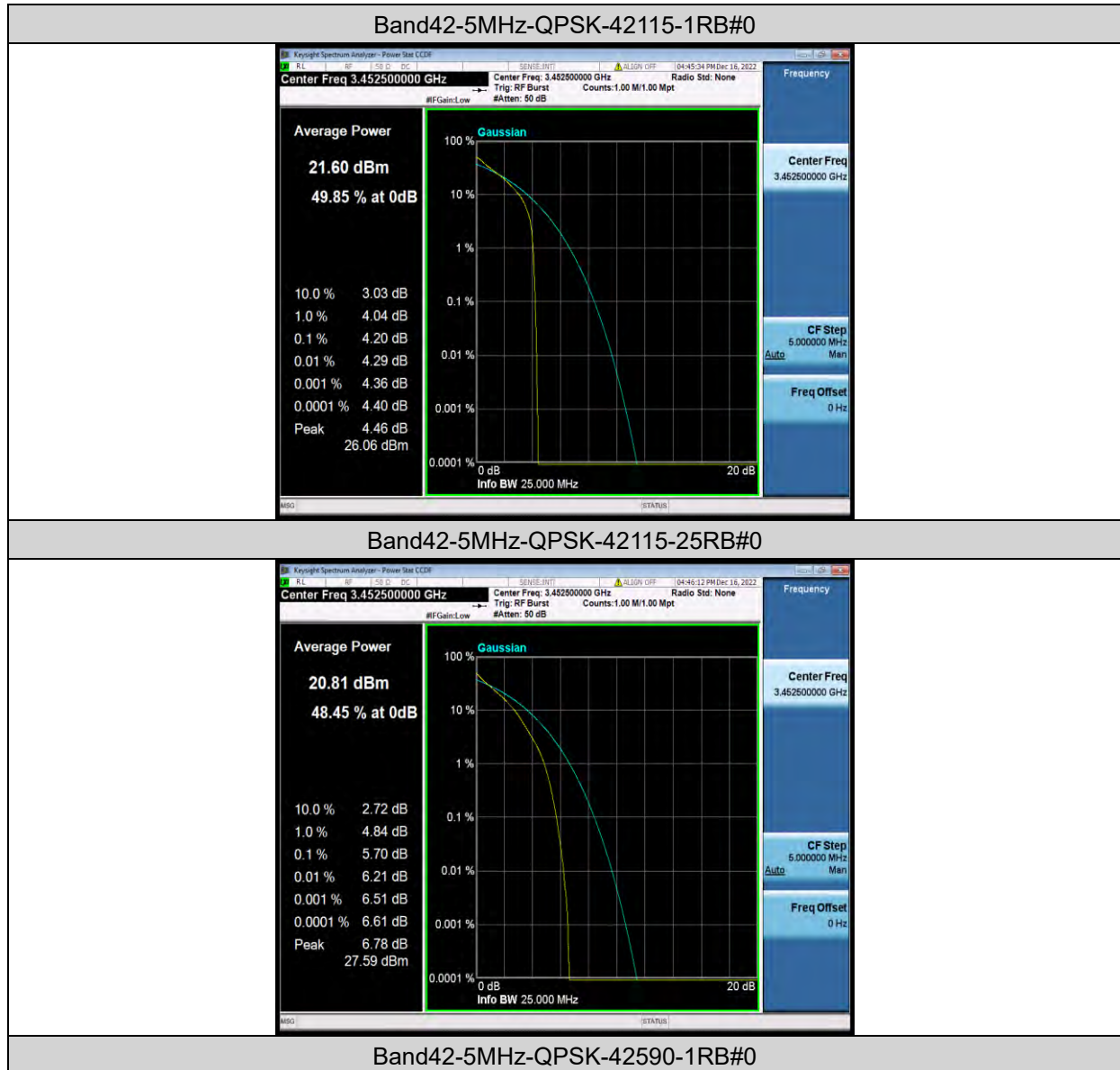


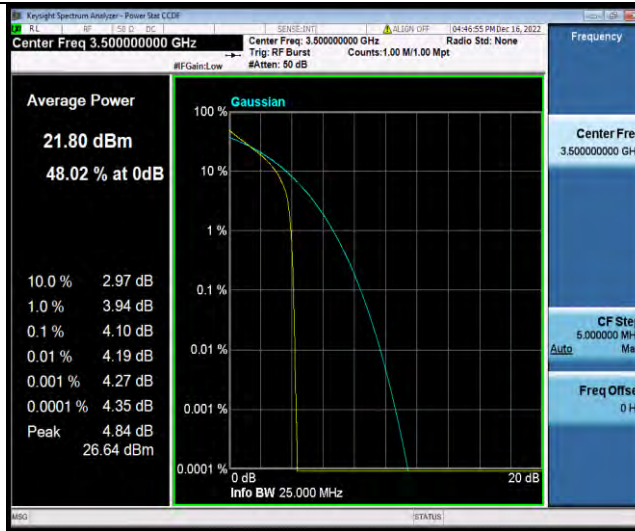
## Test Graphs



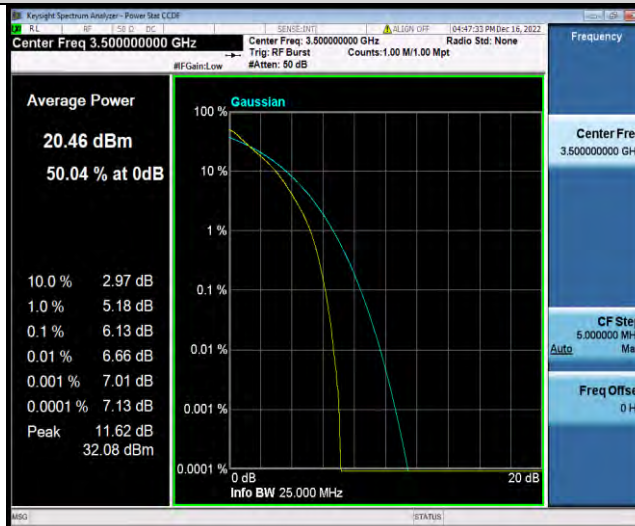


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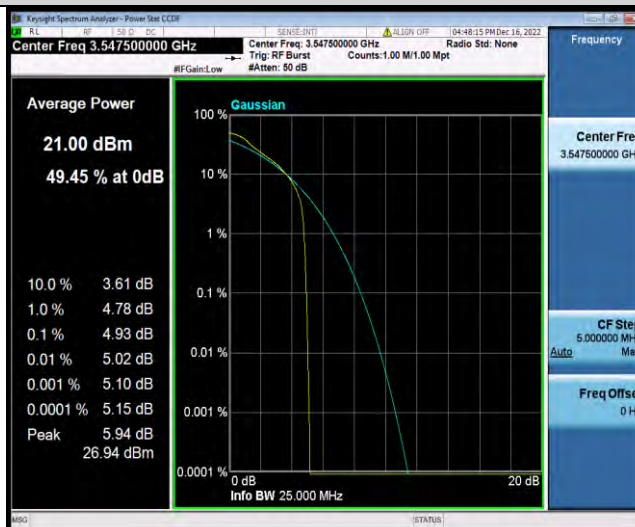
Test Report No.: W7L-P22110036RF07



Band42-5MHz-QPSK-42590-25RB#0



Band42-5MHz-QPSK-43065-1RB#0

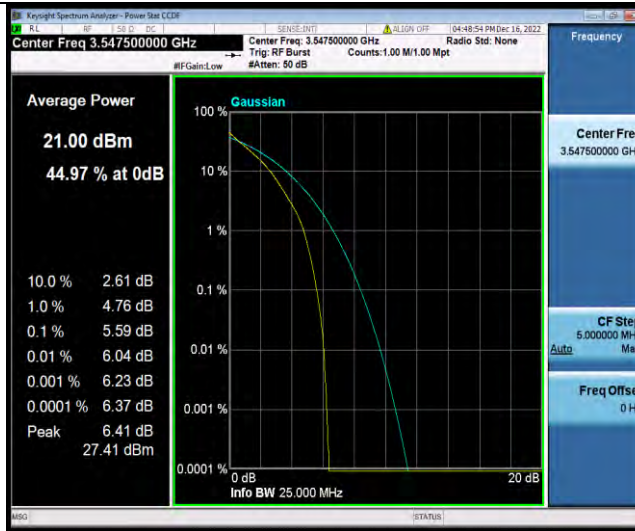


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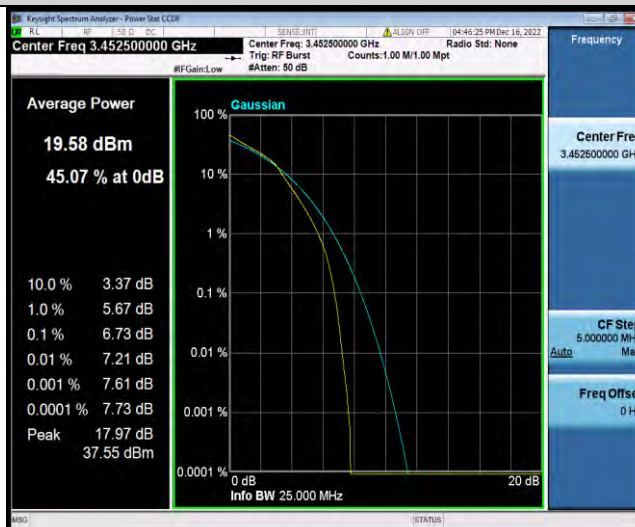
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Band42-5MHz-16QAM-42115-1RB#0



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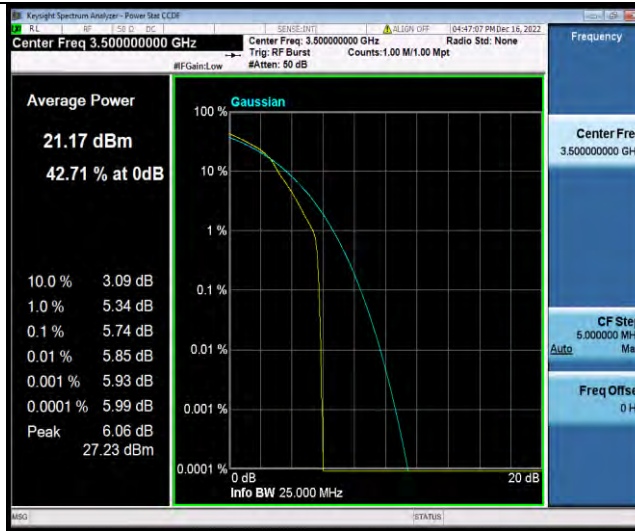


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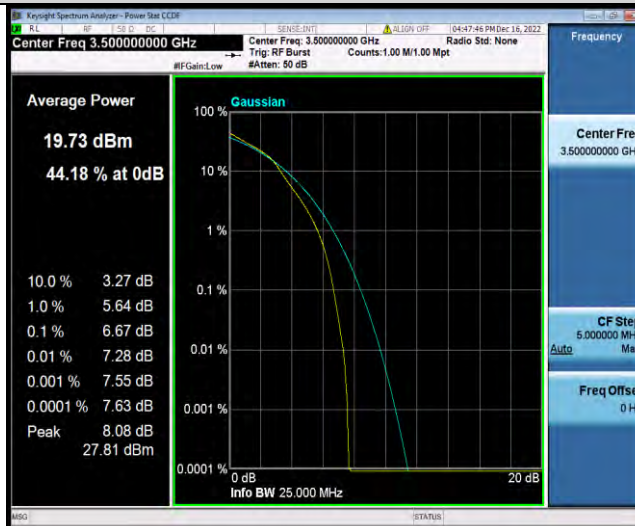


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Test Report No.: W7L-P22110036RF07



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Band42-5MHz-16QAM-43065-1RB#0



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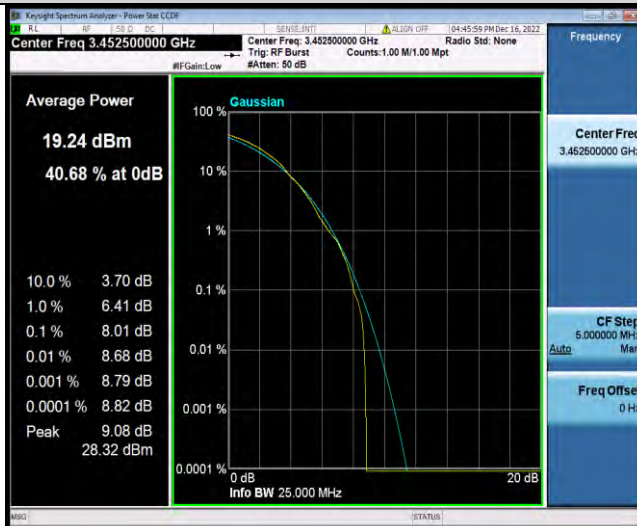


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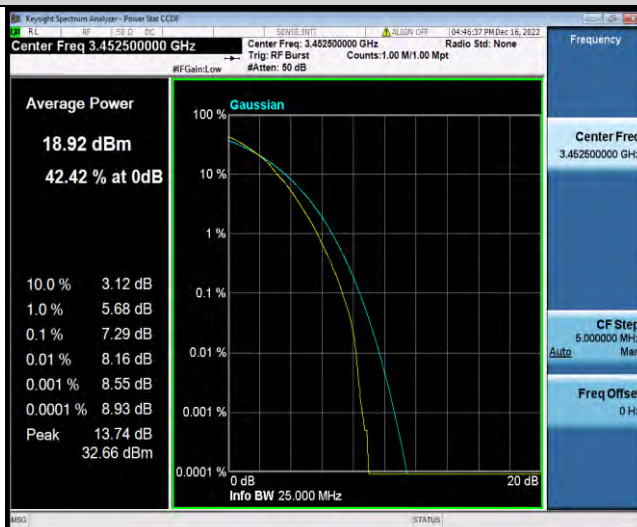
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Band42-5MHz-64QAM-42115-1RB#0



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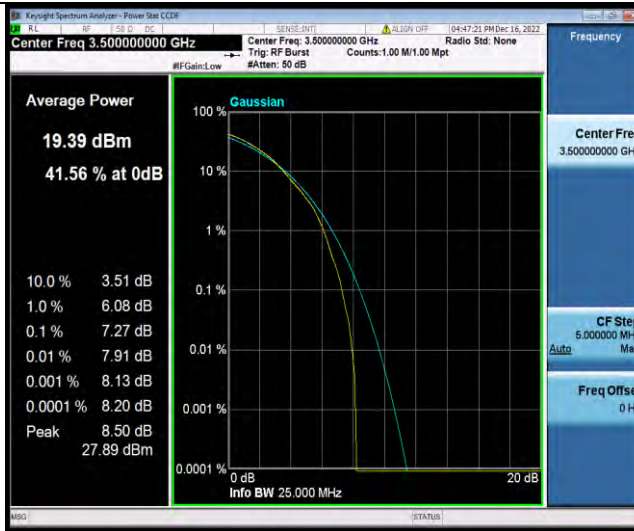


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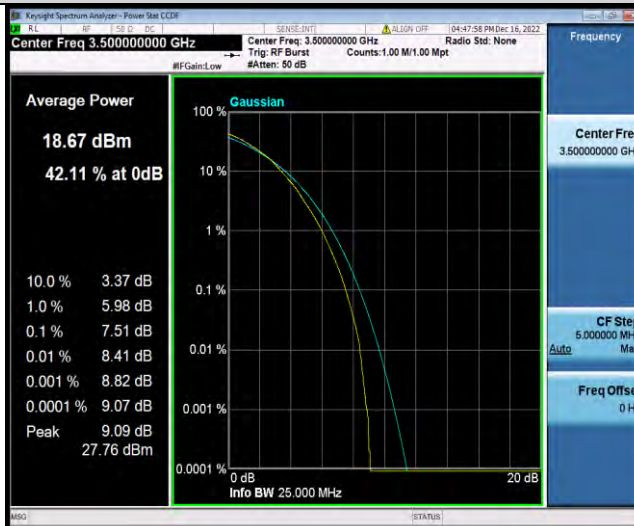


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Test Report No.: W7L-P22110036RF07



Band42-5MHz-64QAM-42590-25RB#0



Band42-5MHz-64QAM-43065-1RB#0



Band42-5MHz-64QAM-43065-25RB#0



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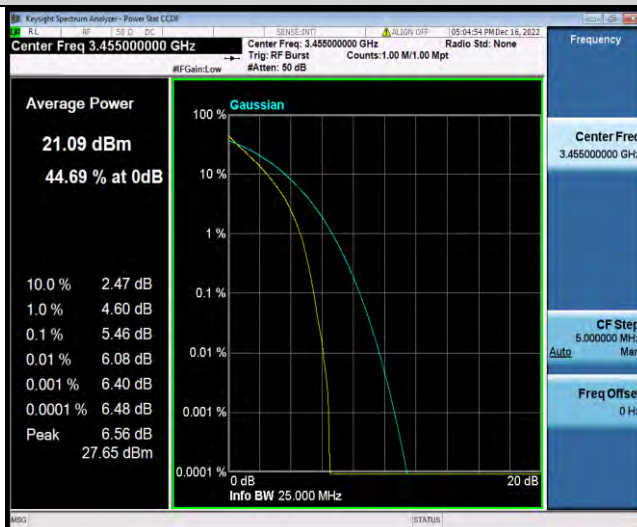
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Band42-10MHz-QPSK-42140-1RB#0



Band42-10MHz-QPSK-42140-50RB#0

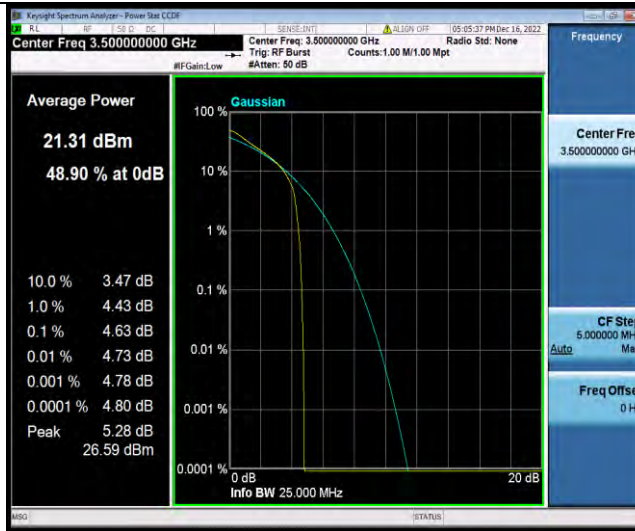


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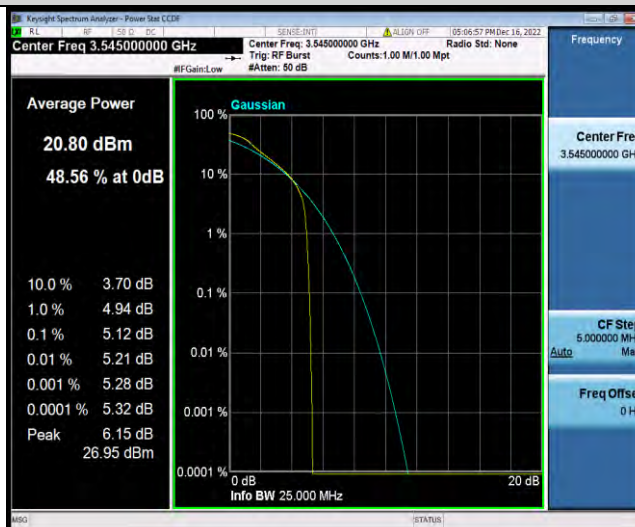
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Band42-10MHz-QPSK-43040-1RB#0



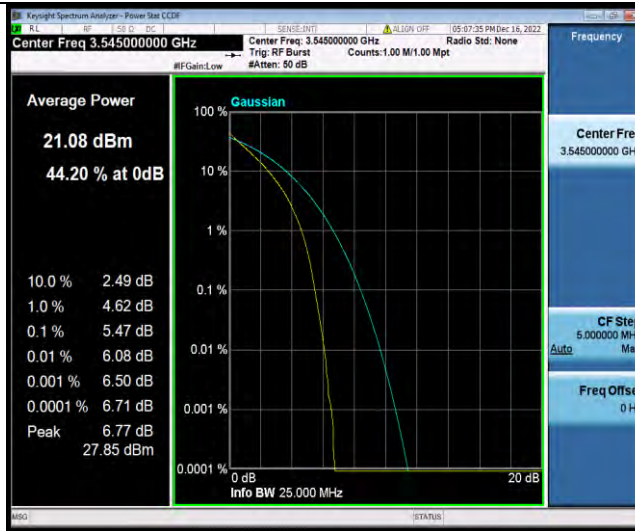
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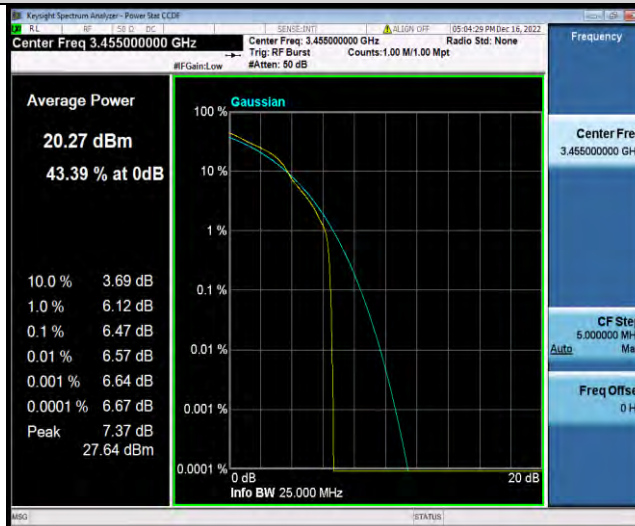


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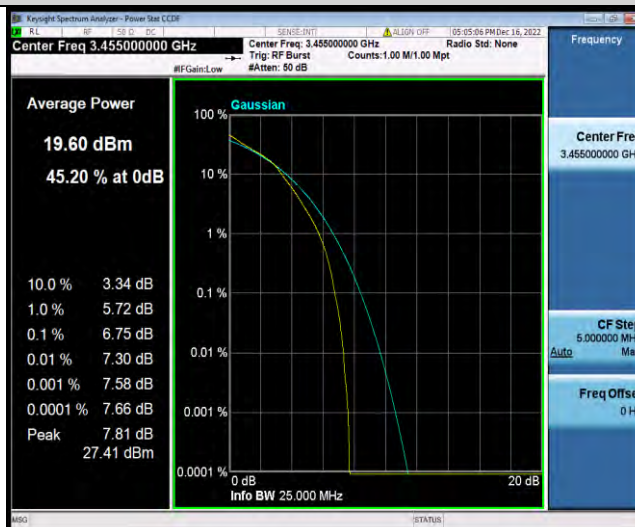
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Band42-10MHz-16QAM-42140-1RB#0



Band42-10MHz-16QAM-42140-50RB#0



Band42-10MHz-16QAM-42590-1RB#0

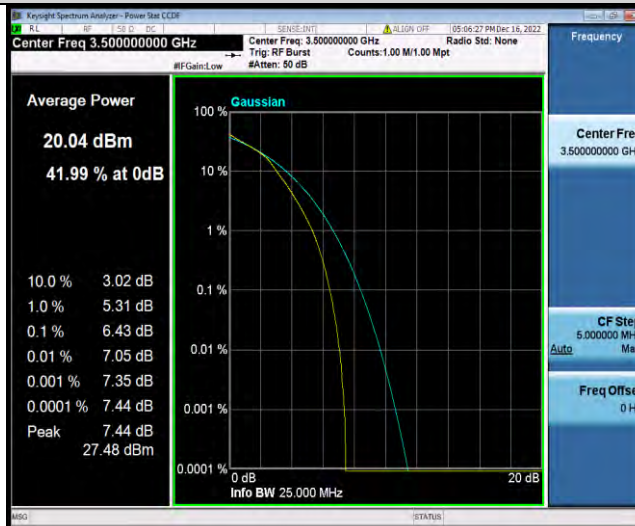


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



Band42-10MHz-16QAM-42590-50RB#0



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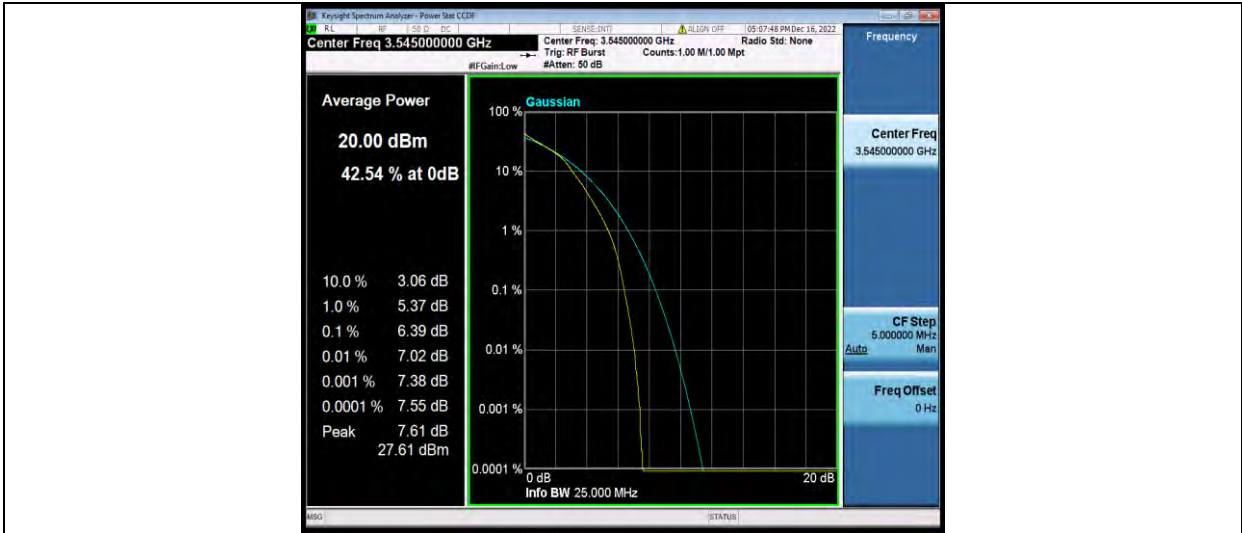


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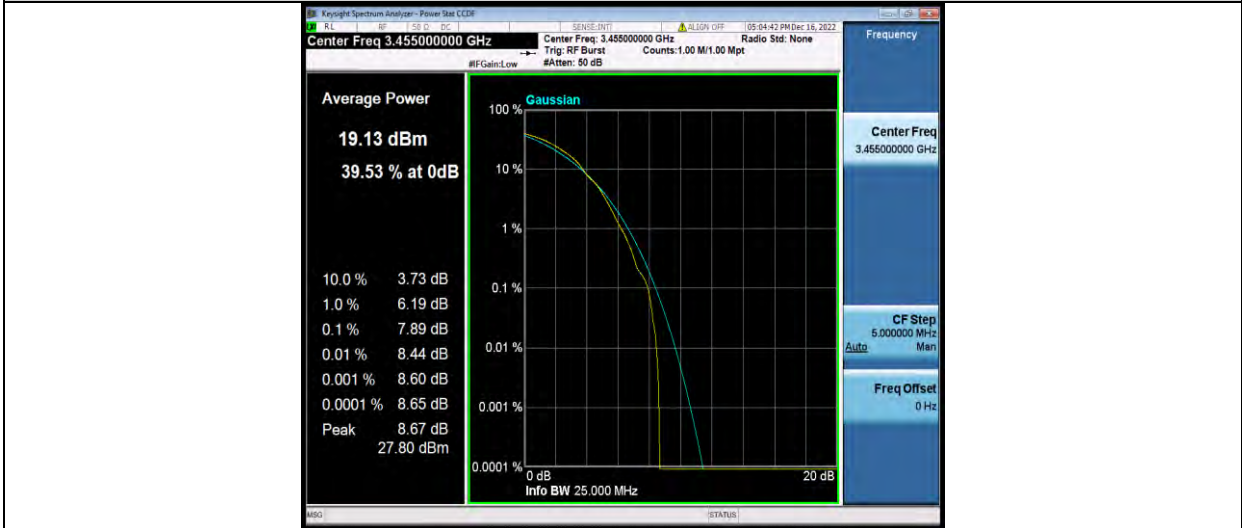


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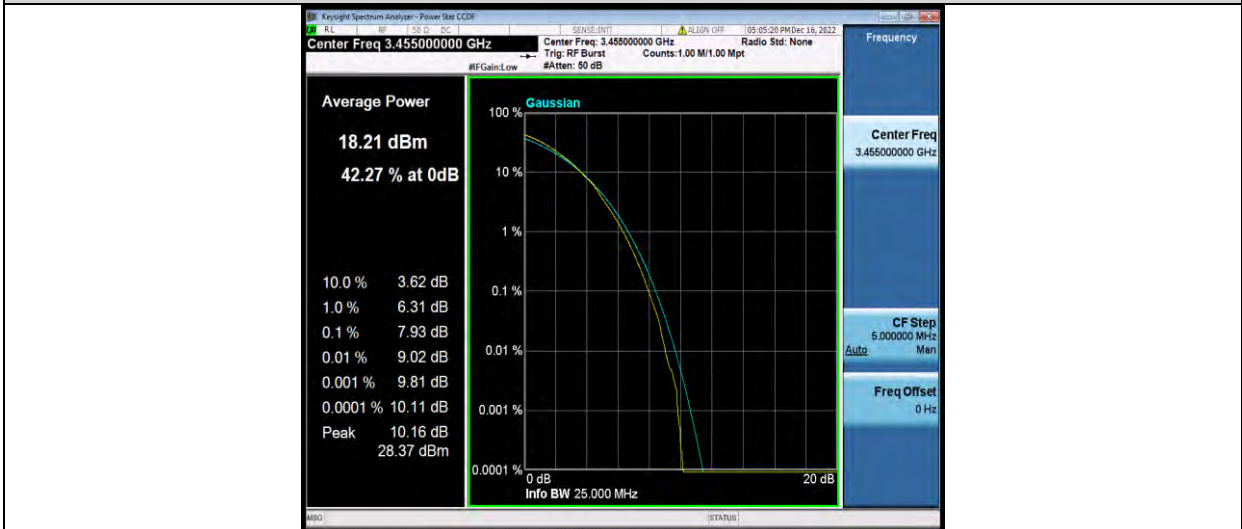
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Band42-10MHz-64QAM-42140-1RB#0



Band42-10MHz-64QAM-42140-50RB#0

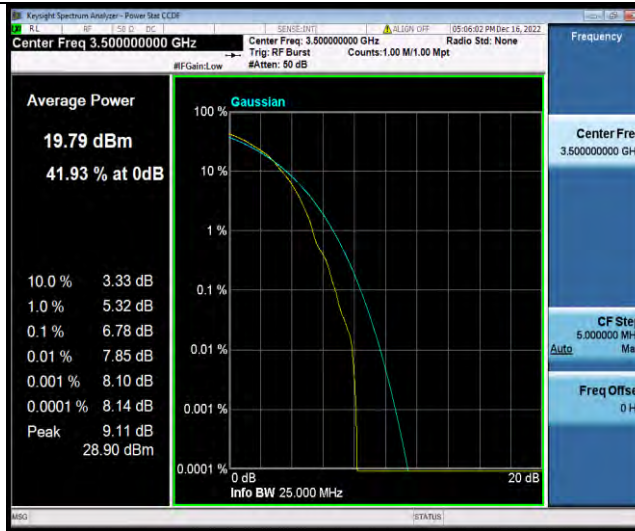


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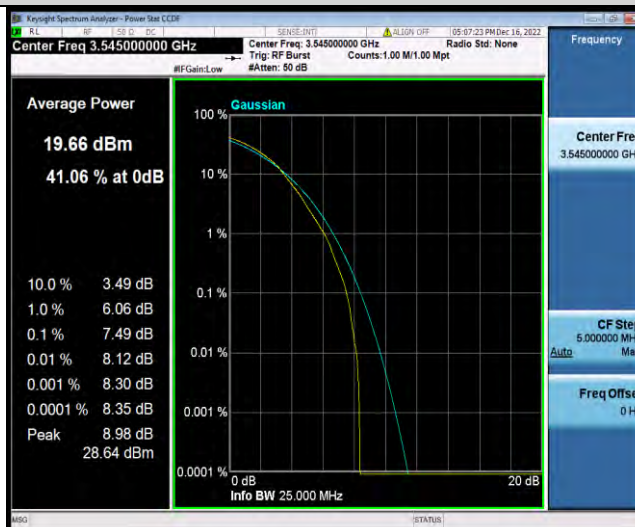
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Band42-10MHz-64QAM-42590-50RB#0



Band42-10MHz-64QAM-43040-1RB#0



Band42-10MHz-64QAM-43040-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



Band42-15MHz-QPSK-42165-1RB#0



Band42-15MHz-QPSK-42165-75RB#0

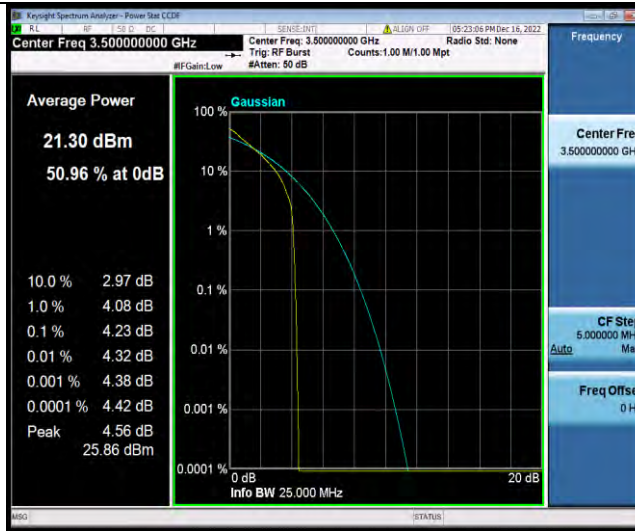


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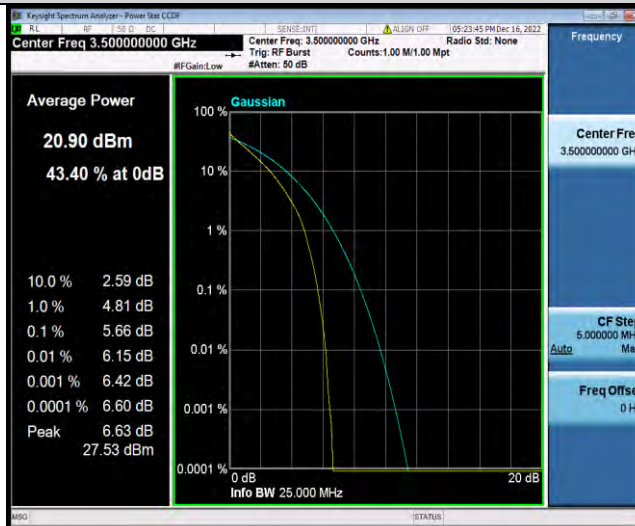


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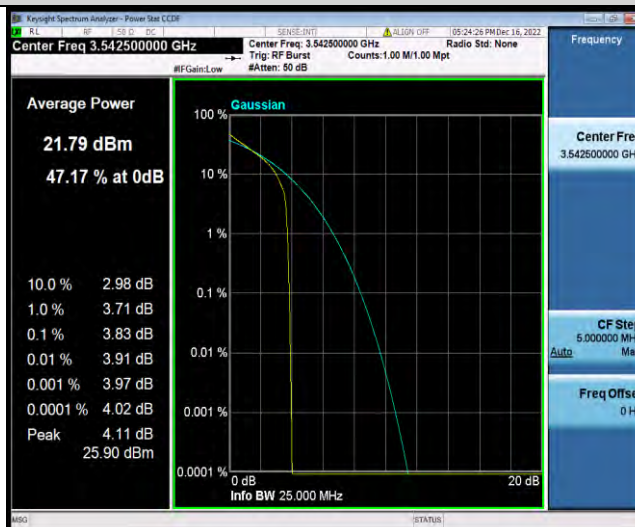
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Band42-15MHz-QPSK-42590-75RB#0



Band42-15MHz-QPSK-43015-1RB#0



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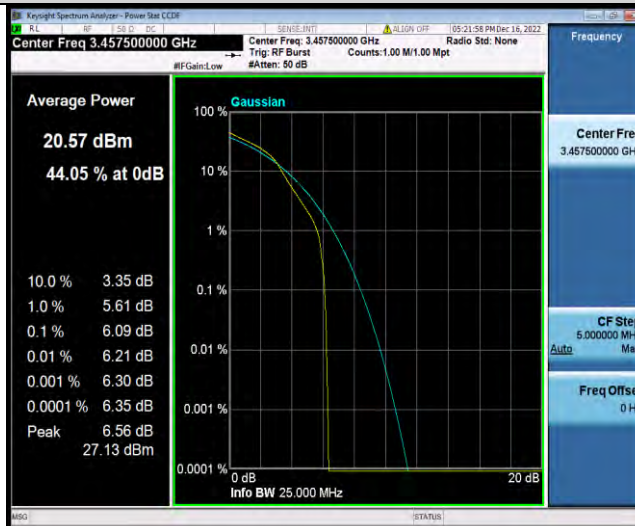


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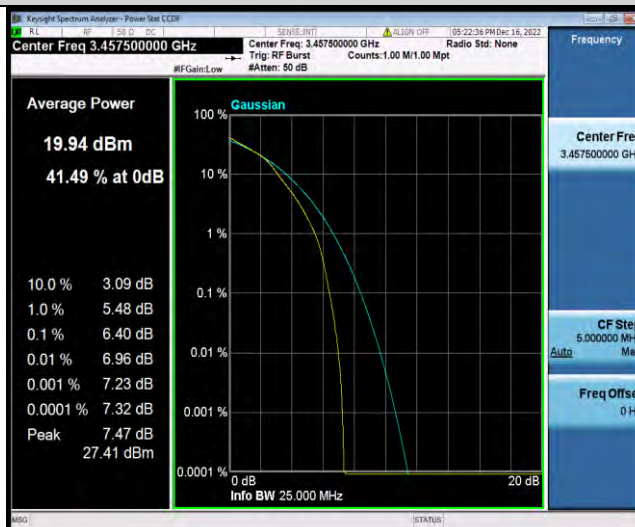
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Band42-15MHz-16QAM-42165-1RB#0



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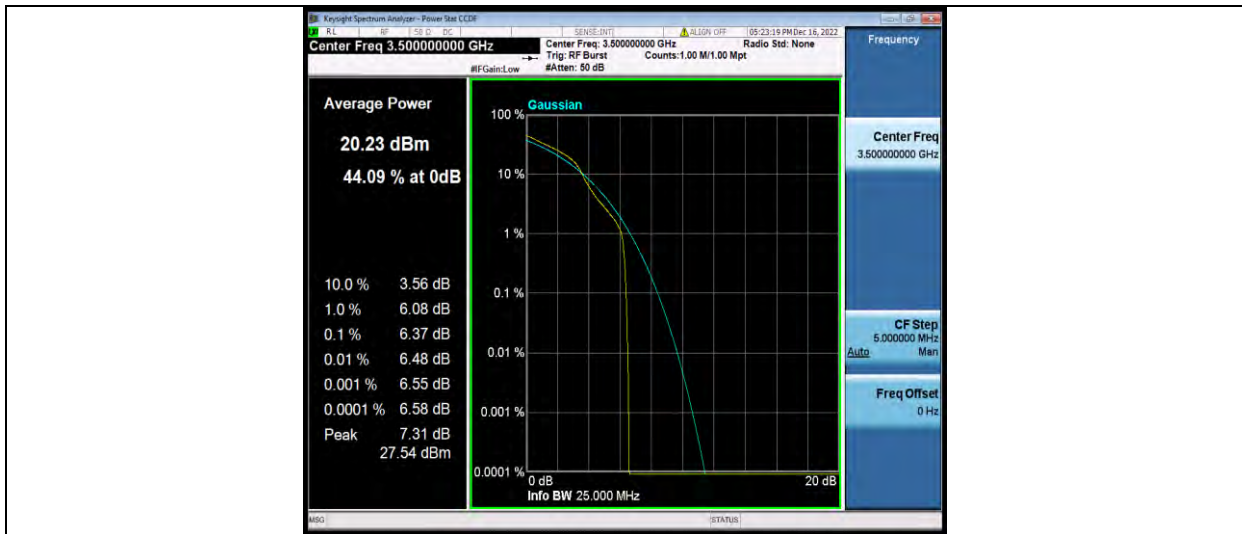


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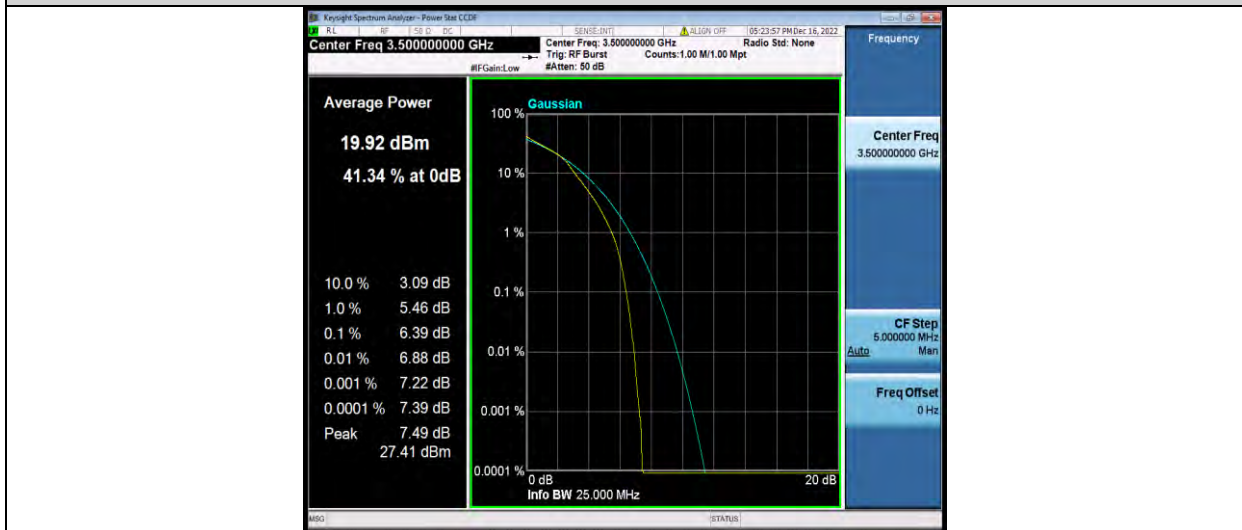


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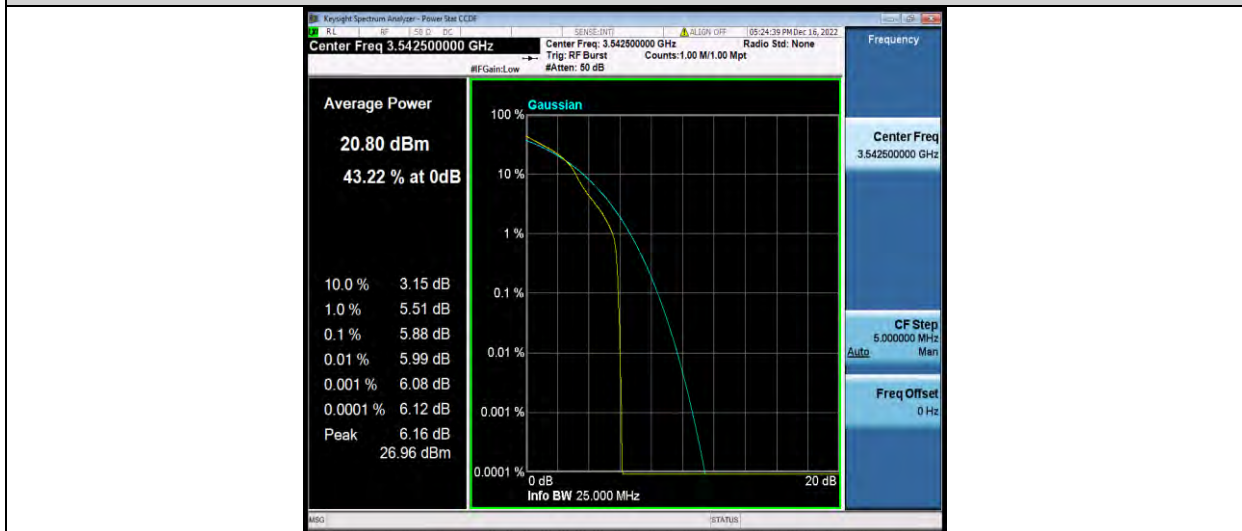
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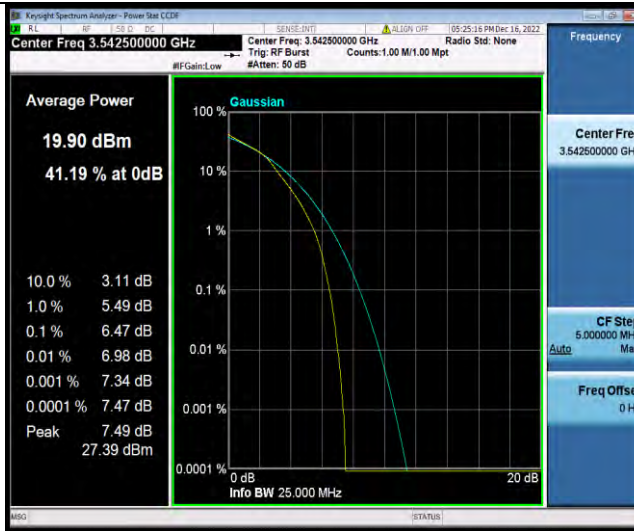
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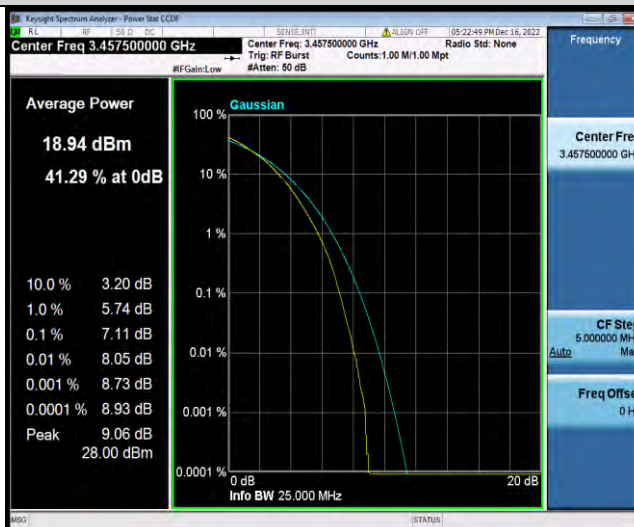
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Band42-15MHz-64QAM-42165-1RB#0



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Band42-15MHz-64QAM-42590-1RB#0

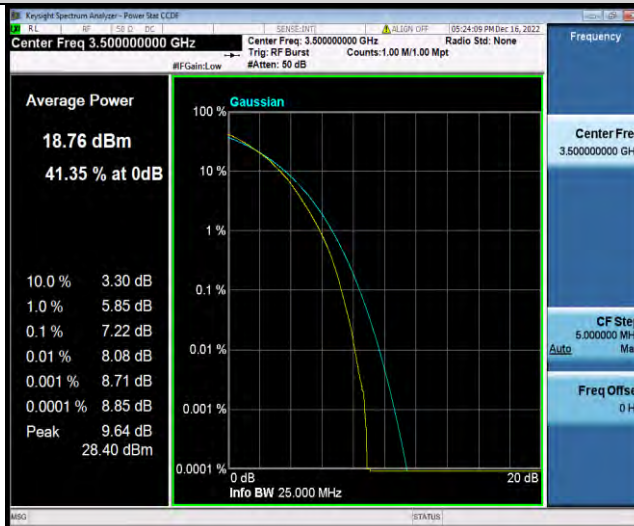


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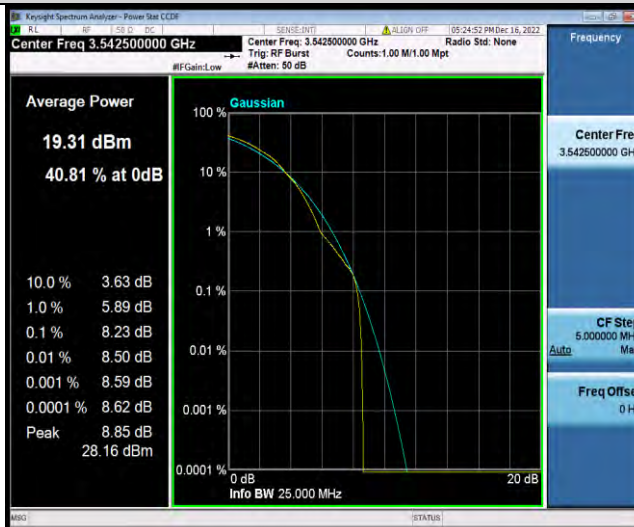
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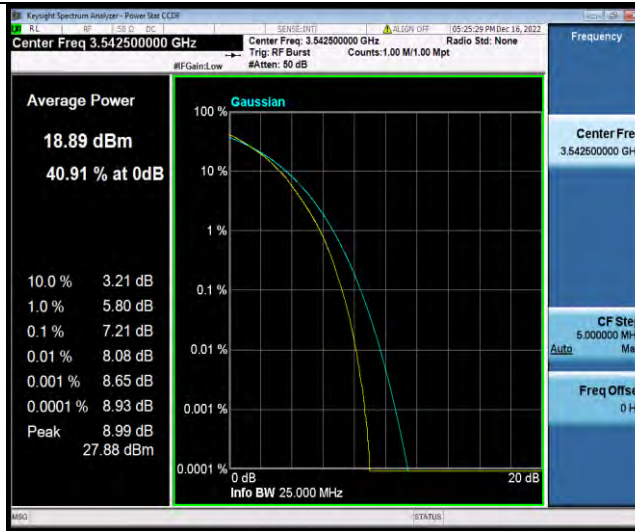


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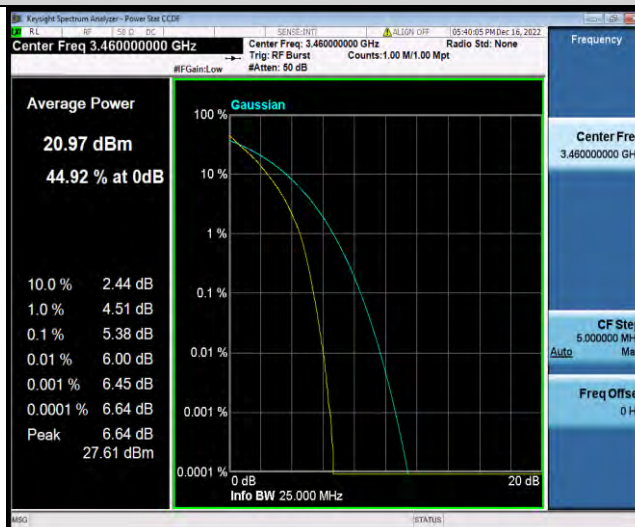
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Band42-20MHz-QPSK-42190-1RB#0



Band42-20MHz-QPSK-42190-100RB#0

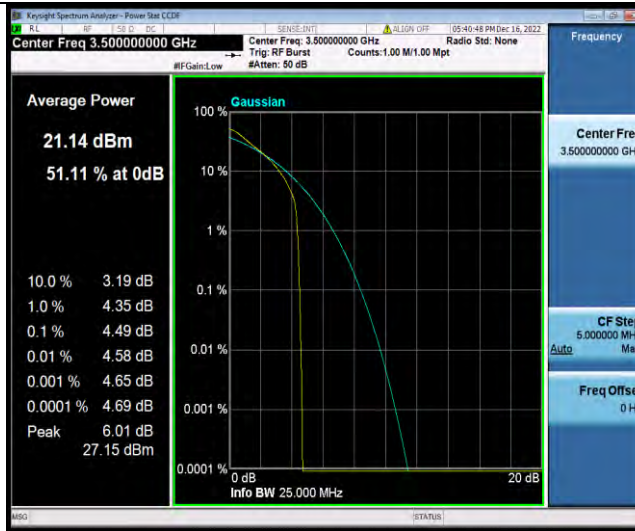


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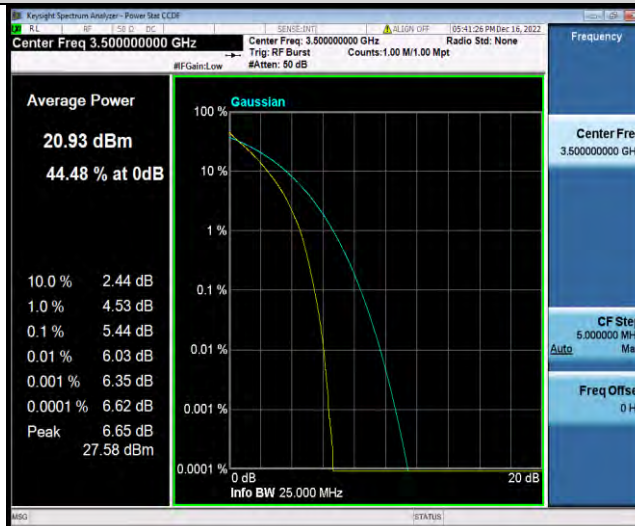


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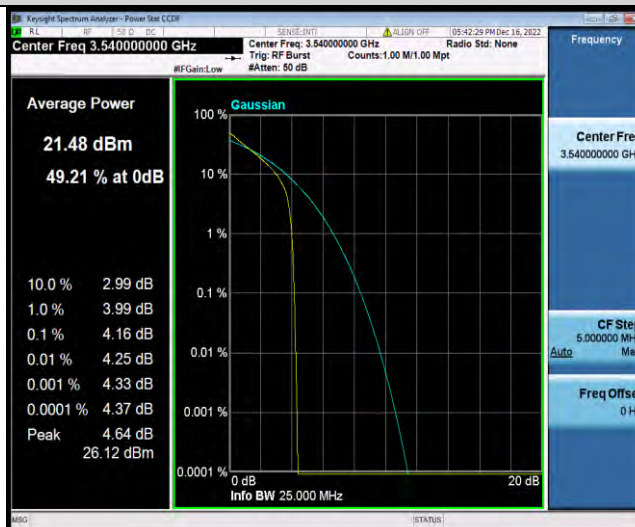
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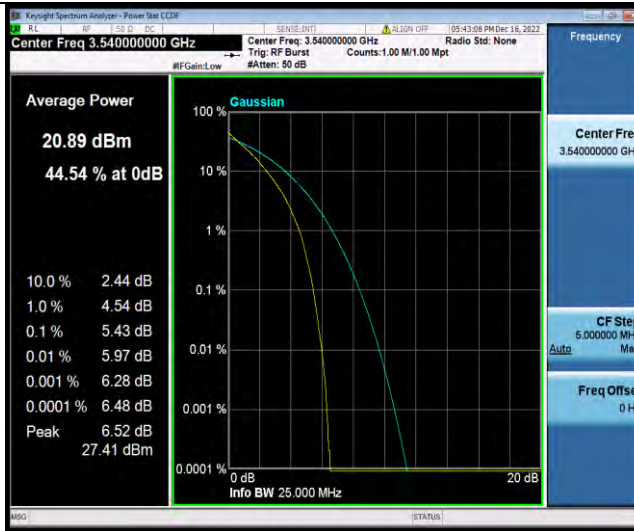


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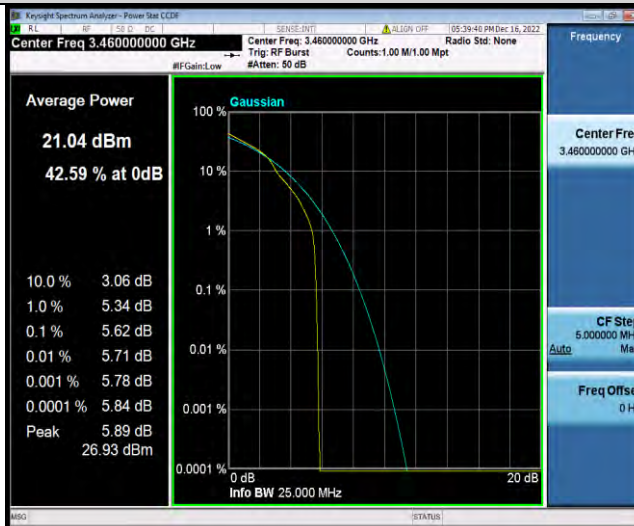


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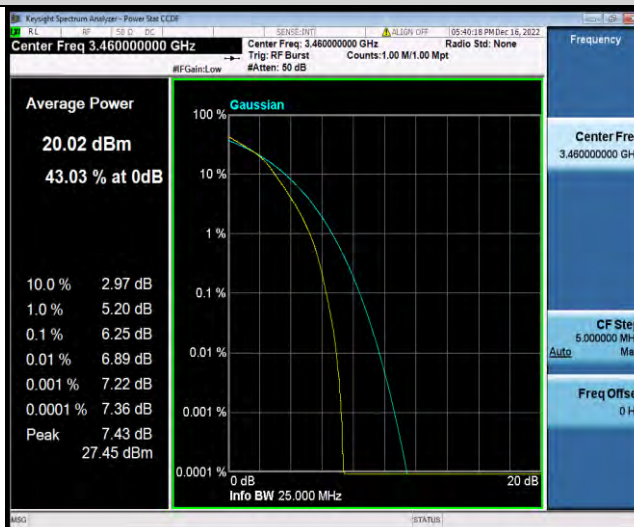
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Band42-20MHz-16QAM-42190-1RB#0



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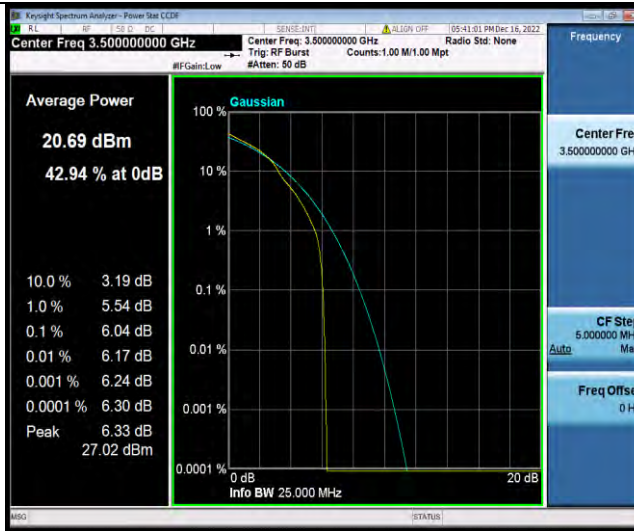


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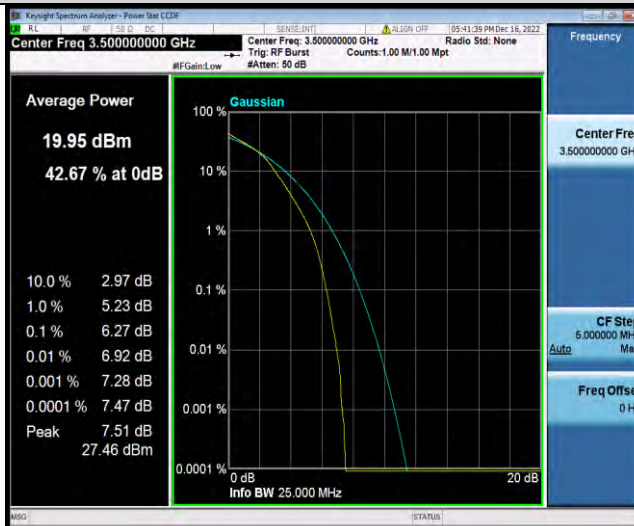


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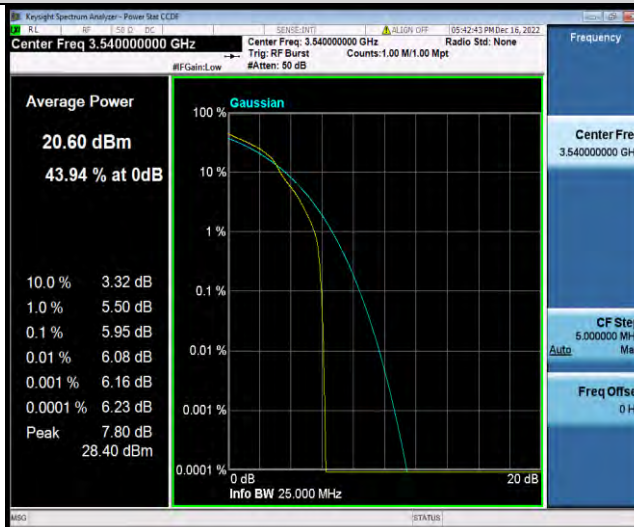
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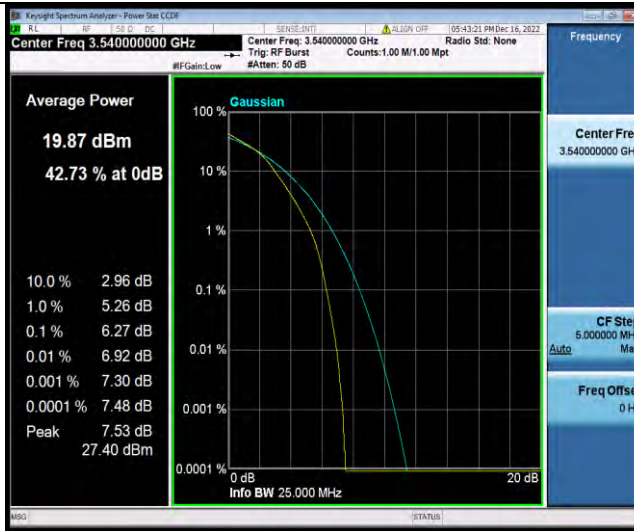


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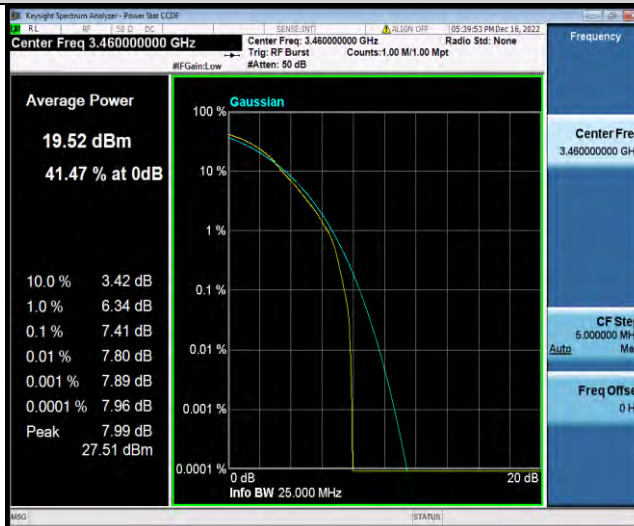


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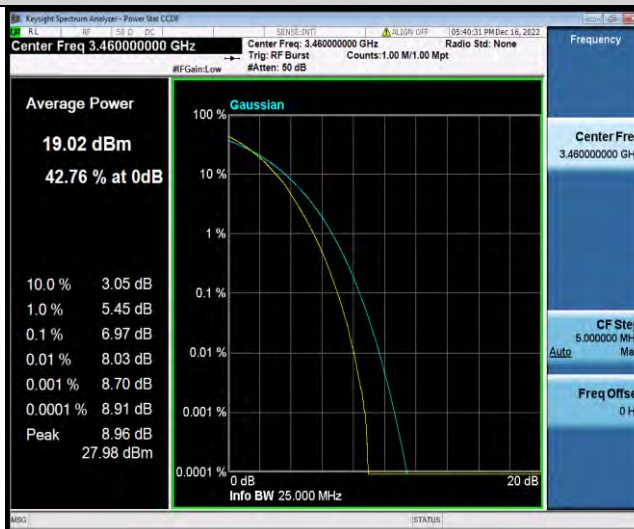
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Band42-20MHz-64QAM-42190-1RB#0



Band42-20MHz-64QAM-42190-100RB#0

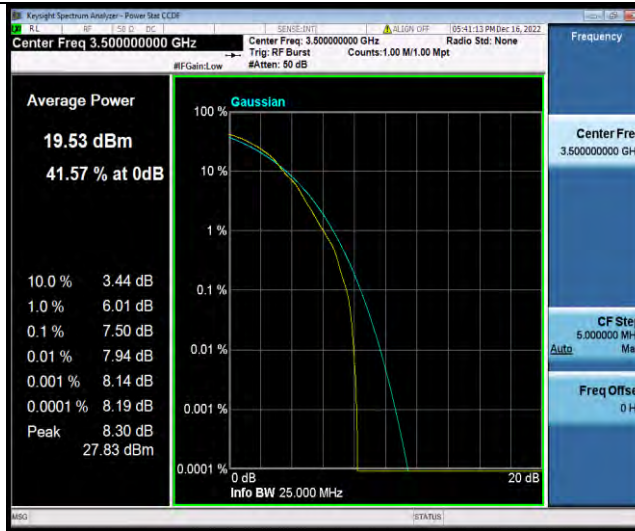


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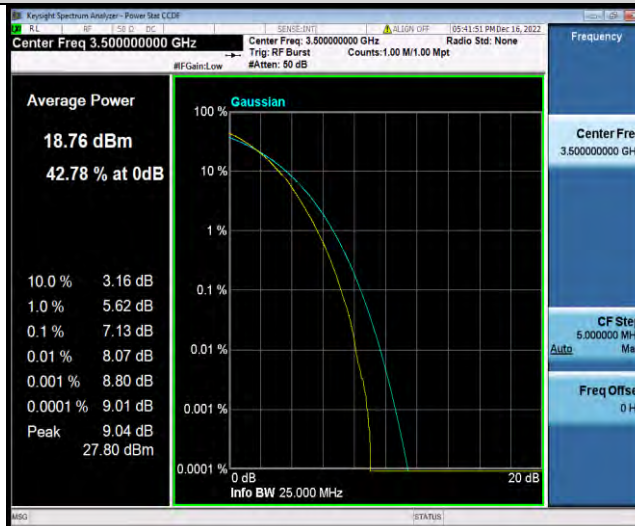


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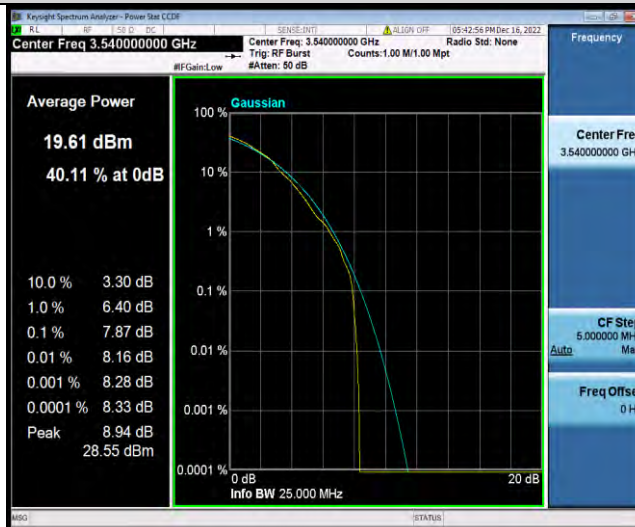
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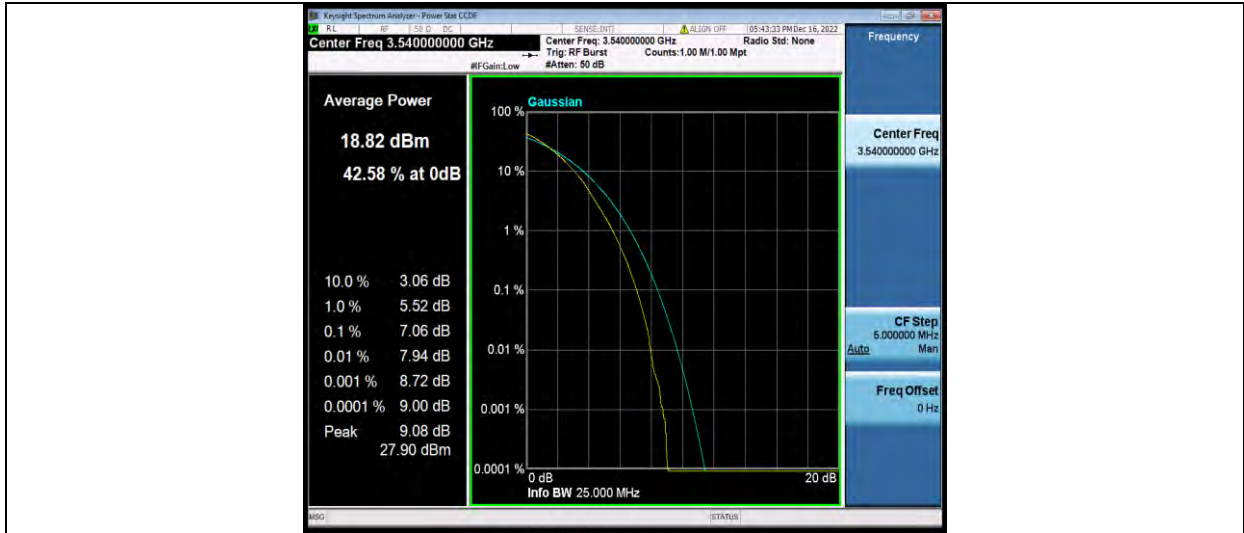
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Test Report No.: W7L-P22110036RF07





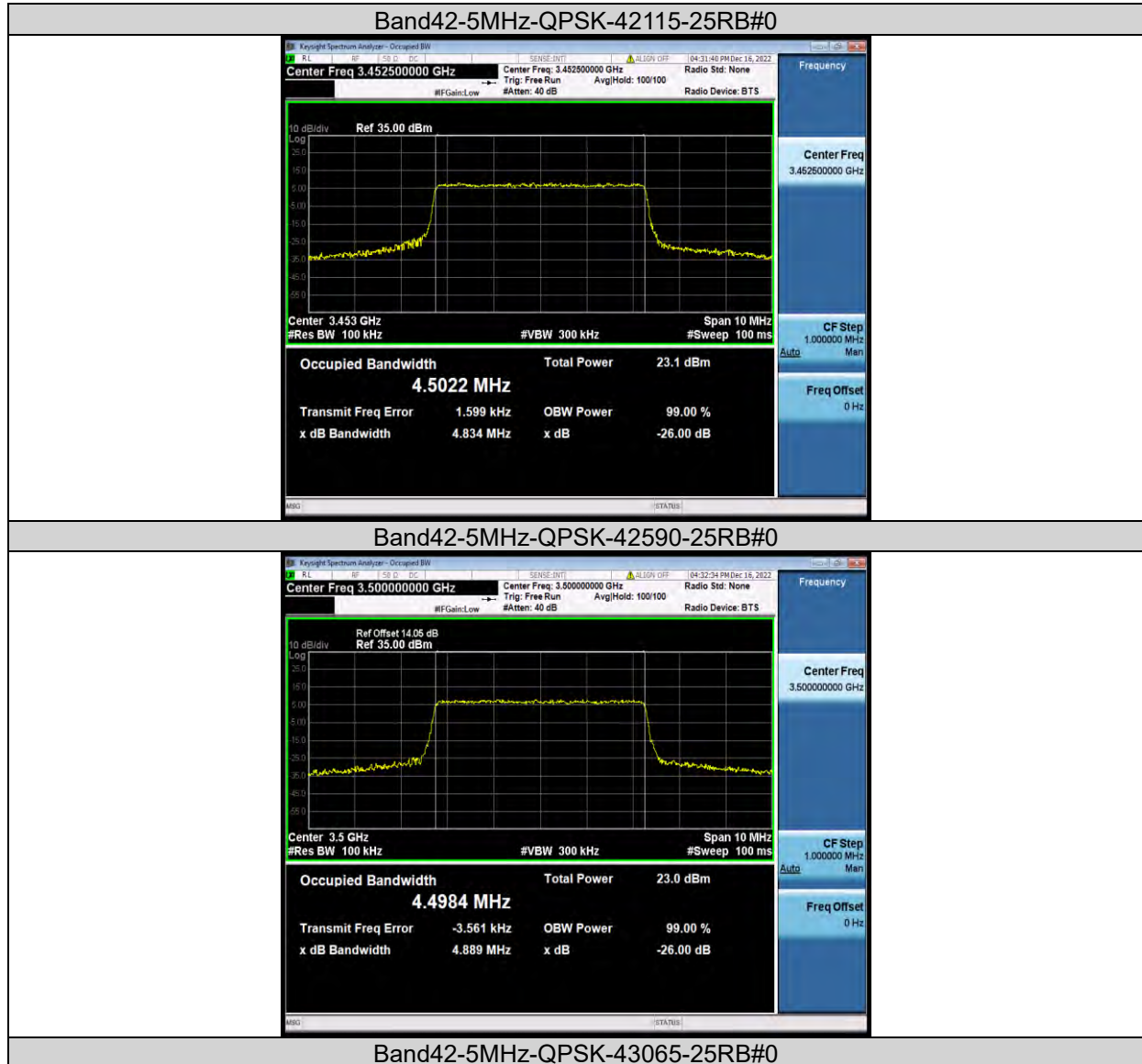
Test Report No.: W7L-P22110036RF07

## 26DB BANDWIDTH AND OCCUPIED BANDWIDTH

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band42 | 5MHz      | QPSK       | 42115   | 25RB#0           | 4.5022                   | 4.834                | PASS    |
| Band42 | 5MHz      | QPSK       | 42590   | 25RB#0           | 4.4984                   | 4.889                | PASS    |
| Band42 | 5MHz      | QPSK       | 43065   | 25RB#0           | 4.5026                   | 4.843                | PASS    |
| Band42 | 5MHz      | 16QAM      | 42115   | 25RB#0           | 4.4991                   | 4.828                | PASS    |
| Band42 | 5MHz      | 16QAM      | 42590   | 25RB#0           | 4.4996                   | 4.864                | PASS    |
| Band42 | 5MHz      | 16QAM      | 43065   | 25RB#0           | 4.4984                   | 4.842                | PASS    |
| Band42 | 5MHz      | 64QAM      | 42115   | 25RB#0           | 4.4910                   | 4.858                | PASS    |
| Band42 | 5MHz      | 64QAM      | 42590   | 25RB#0           | 4.5004                   | 4.855                | PASS    |
| Band42 | 5MHz      | 64QAM      | 43065   | 25RB#0           | 4.5045                   | 4.952                | PASS    |
| Band42 | 10MHz     | QPSK       | 42140   | 50RB#0           | 8.9939                   | 9.511                | PASS    |
| Band42 | 10MHz     | QPSK       | 42590   | 50RB#0           | 8.9814                   | 9.559                | PASS    |
| Band42 | 10MHz     | QPSK       | 43040   | 50RB#0           | 8.9755                   | 9.511                | PASS    |
| Band42 | 10MHz     | 16QAM      | 42140   | 50RB#0           | 8.9729                   | 9.542                | PASS    |
| Band42 | 10MHz     | 16QAM      | 42590   | 50RB#0           | 8.9768                   | 9.539                | PASS    |
| Band42 | 10MHz     | 16QAM      | 43040   | 50RB#0           | 8.9870                   | 9.531                | PASS    |
| Band42 | 10MHz     | 64QAM      | 42140   | 50RB#0           | 8.9720                   | 9.512                | PASS    |
| Band42 | 10MHz     | 64QAM      | 42590   | 50RB#0           | 8.9754                   | 9.538                | PASS    |
| Band42 | 10MHz     | 64QAM      | 43040   | 50RB#0           | 8.9743                   | 9.525                | PASS    |
| Band42 | 15MHz     | QPSK       | 42165   | 75RB#0           | 13.470                   | 14.26                | PASS    |
| Band42 | 15MHz     | QPSK       | 42590   | 75RB#0           | 13.458                   | 14.23                | PASS    |
| Band42 | 15MHz     | QPSK       | 43015   | 75RB#0           | 13.455                   | 14.25                | PASS    |
| Band42 | 15MHz     | 16QAM      | 42165   | 75RB#0           | 13.458                   | 14.29                | PASS    |
| Band42 | 15MHz     | 16QAM      | 42590   | 75RB#0           | 13.461                   | 14.25                | PASS    |
| Band42 | 15MHz     | 16QAM      | 43015   | 75RB#0           | 13.465                   | 14.26                | PASS    |
| Band42 | 15MHz     | 64QAM      | 42165   | 75RB#0           | 13.433                   | 14.23                | PASS    |
| Band42 | 15MHz     | 64QAM      | 42590   | 75RB#0           | 13.459                   | 14.27                | PASS    |
| Band42 | 15MHz     | 64QAM      | 43015   | 75RB#0           | 13.460                   | 14.22                | PASS    |
| Band42 | 20MHz     | QPSK       | 42190   | 100RB#0          | 17.933                   | 18.97                | PASS    |
| Band42 | 20MHz     | QPSK       | 42590   | 100RB#0          | 17.933                   | 18.97                | PASS    |
| Band42 | 20MHz     | QPSK       | 42990   | 100RB#0          | 17.925                   | 18.97                | PASS    |
| Band42 | 20MHz     | 16QAM      | 42190   | 100RB#0          | 17.918                   | 18.96                | PASS    |
| Band42 | 20MHz     | 16QAM      | 42590   | 100RB#0          | 17.934                   | 18.97                | PASS    |
| Band42 | 20MHz     | 16QAM      | 42990   | 100RB#0          | 17.916                   | 18.95                | PASS    |
| Band42 | 20MHz     | 64QAM      | 42190   | 100RB#0          | 17.956                   | 18.94                | PASS    |
| Band42 | 20MHz     | 64QAM      | 42590   | 100RB#0          | 17.957                   | 18.99                | PASS    |
| Band42 | 20MHz     | 64QAM      | 42990   | 100RB#0          | 17.940                   | 18.96                | PASS    |

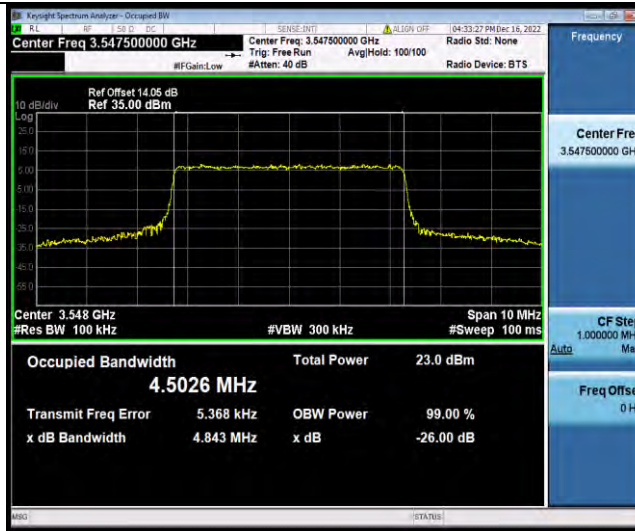
## Test Graphs



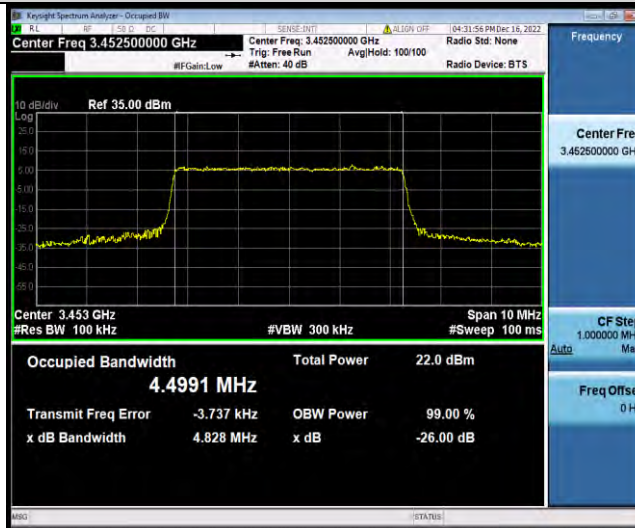


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Test Report No.: W7L-P22110036RF07



Band42-5MHz-16QAM-42115-25RB#0



Band42-5MHz-16QAM-42590-25RB#0

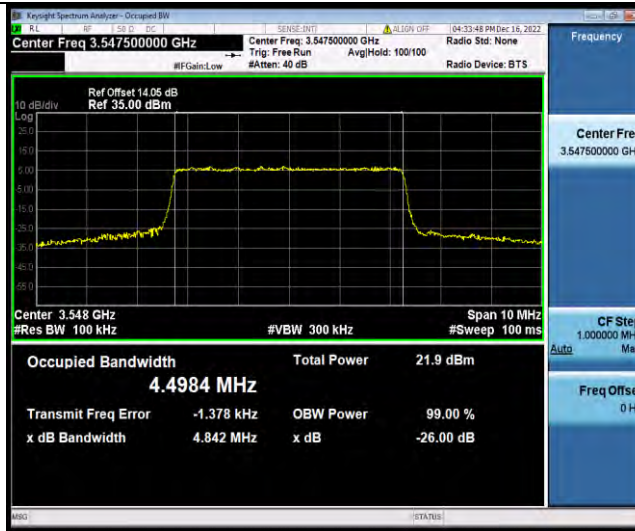


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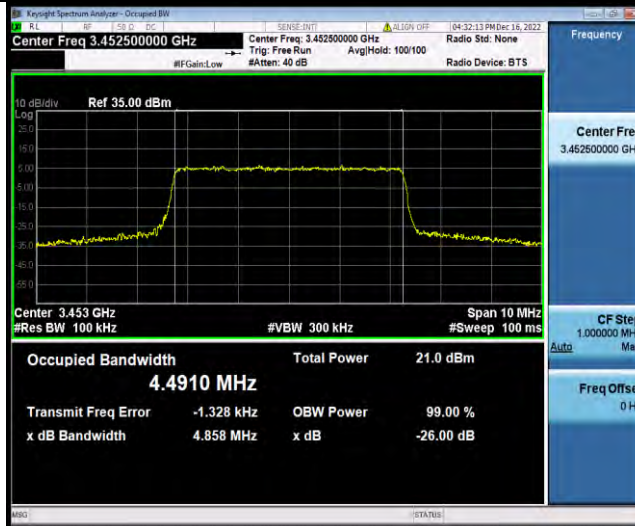


BUREAU VERITAS

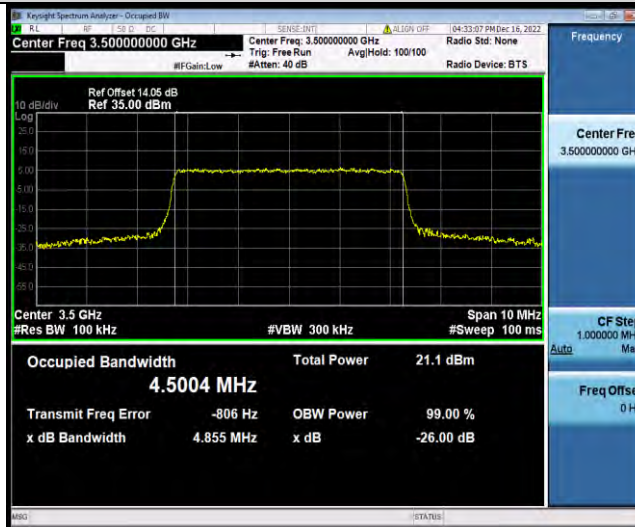
Test Report No.: W7L-P22110036RF07



Band42-5MHz-64QAM-42115-25RB#0



Band42-5MHz-64QAM-42590-25RB#0

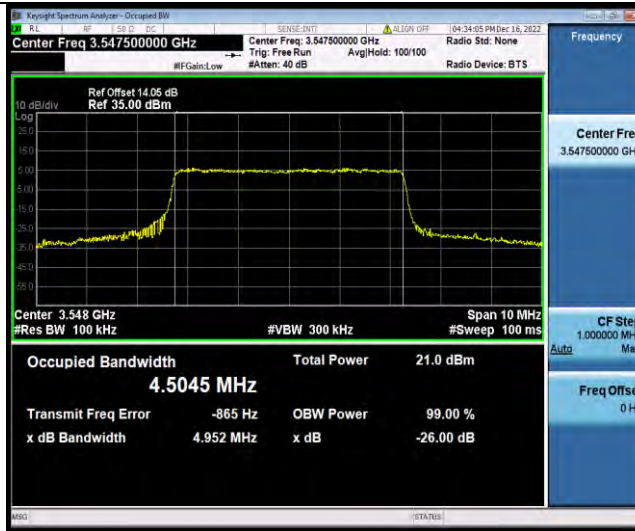


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BUREAU VERITAS

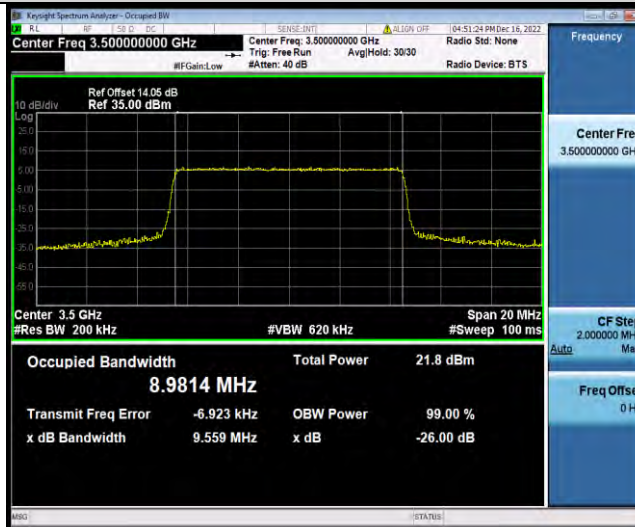
### Test Report No.: W7L-P22110036RF07



Band42-10MHz-QPSK-42140-50RB#0



Band42-10MHz-QPSK-42590-50RB#0

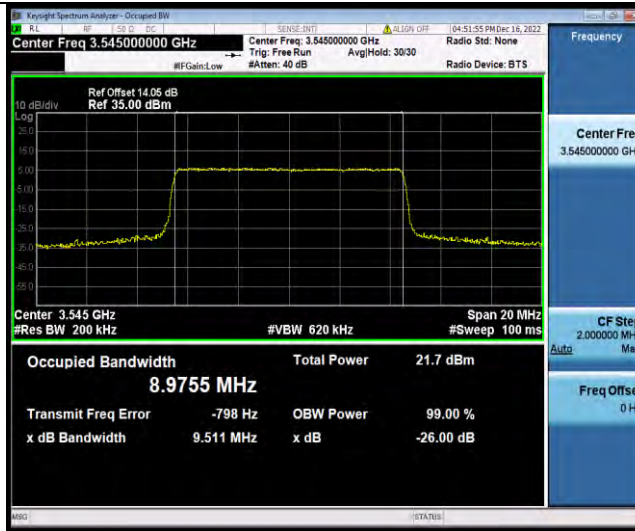


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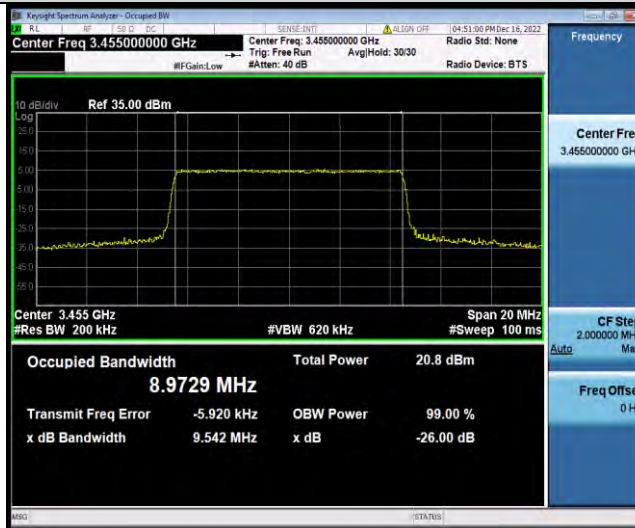


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



Band42-10MHz-16QAM-42140-50RB#0



Band42-10MHz-16QAM-42590-50RB#0

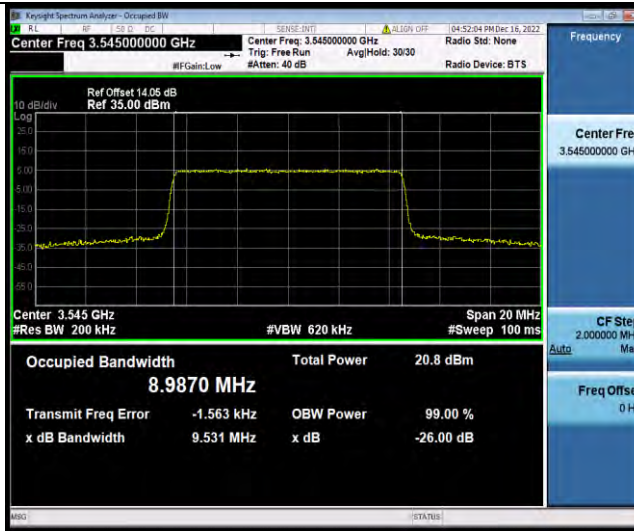


Band42-10MHz-16QAM-43040-50RB#0



BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



Band42-10MHz-64QAM-42140-50RB#0



Band42-10MHz-64QAM-42590-50RB#0



Band42-10MHz-64QAM-43040-50RB#0



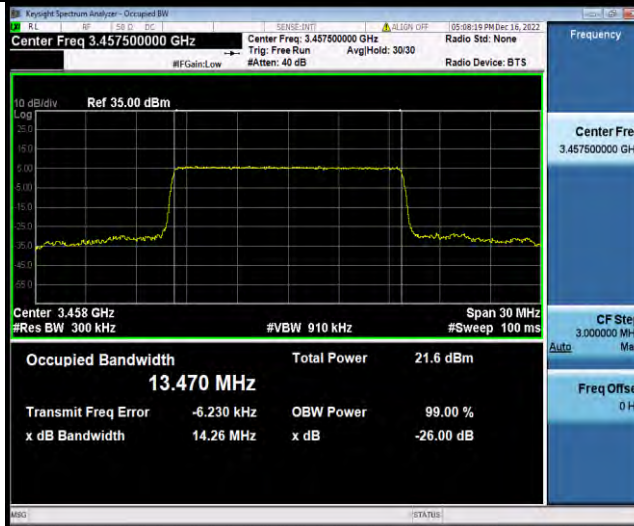


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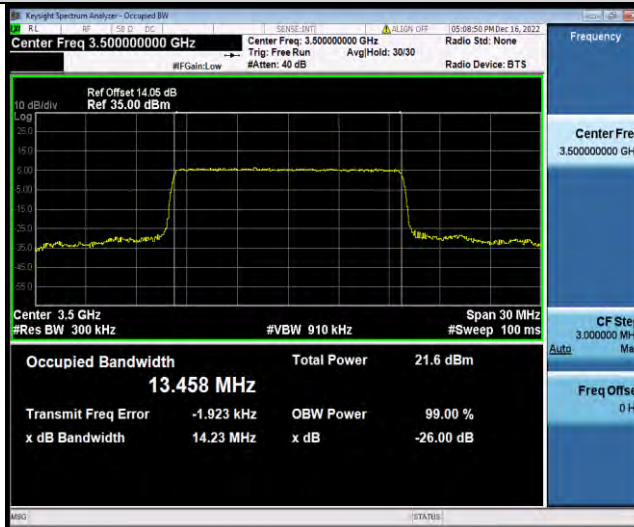
Test Report No.: W7L-P22110036RF07



Band42-15MHz-QPSK-42165-75RB#0



Band42-15MHz-QPSK-42590-75RB#0

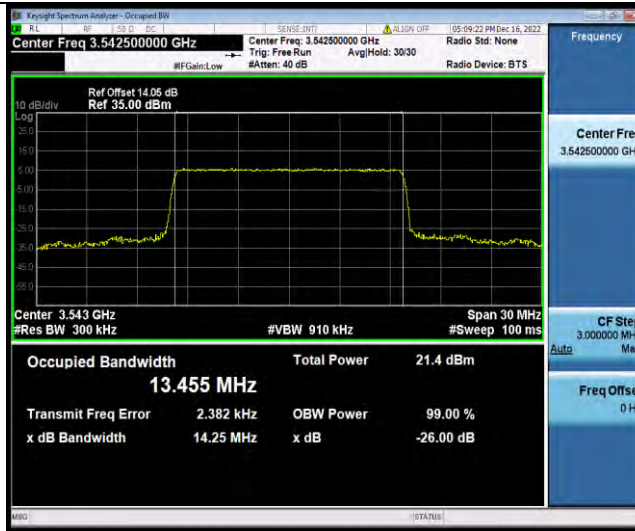


Band42-15MHz-QPSK-43015-75RB#0



BUREAU VERITAS

### Test Report No.: W7L-P22110036RF07



Band42-15MHz-16QAM-42165-75RB#0



Band42-15MHz-16QAM-42590-75RB#0



Band42-15MHz-16QAM-43015-75RB#0

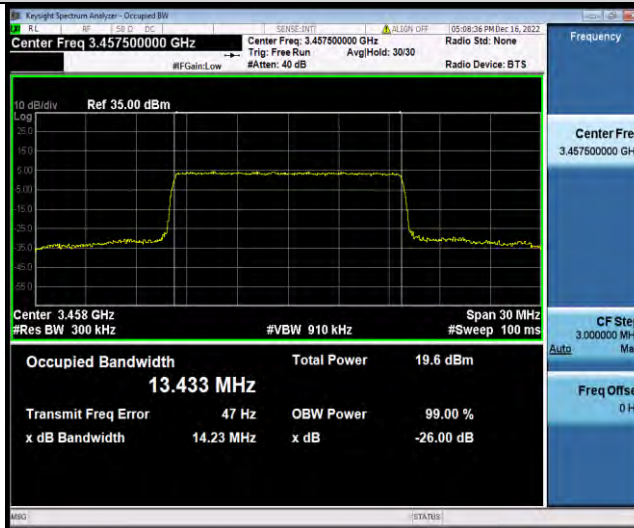


BUREAU VERITAS

Test Report No.: W7L-P22110036RF07



Band42-15MHz-64QAM-42165-75RB#0



Band42-15MHz-64QAM-42590-75RB#0



Band42-15MHz-64QAM-43015-75RB#0



BUREAU VERITAS

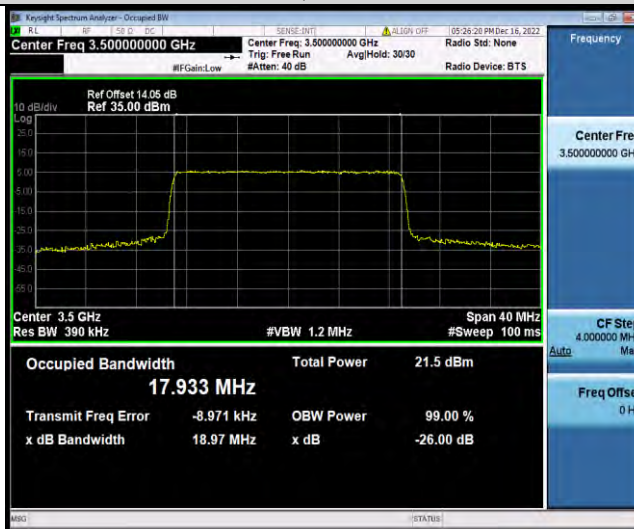
### Test Report No.: W7L-P22110036RF07



Band42-20MHz-QPSK-42190-100RB#0



Band42-20MHz-QPSK-42590-100RB#0



Band42-20MHz-QPSK-42990-100RB#0



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### Test Report No.: W7L-P22110036RF07



Band42-20MHz-16QAM-42190-100RB#0



Band42-20MHz-16QAM-42590-100RB#0



Band42-20MHz-16QAM-42990-100RB#0



BUREAU VERITAS

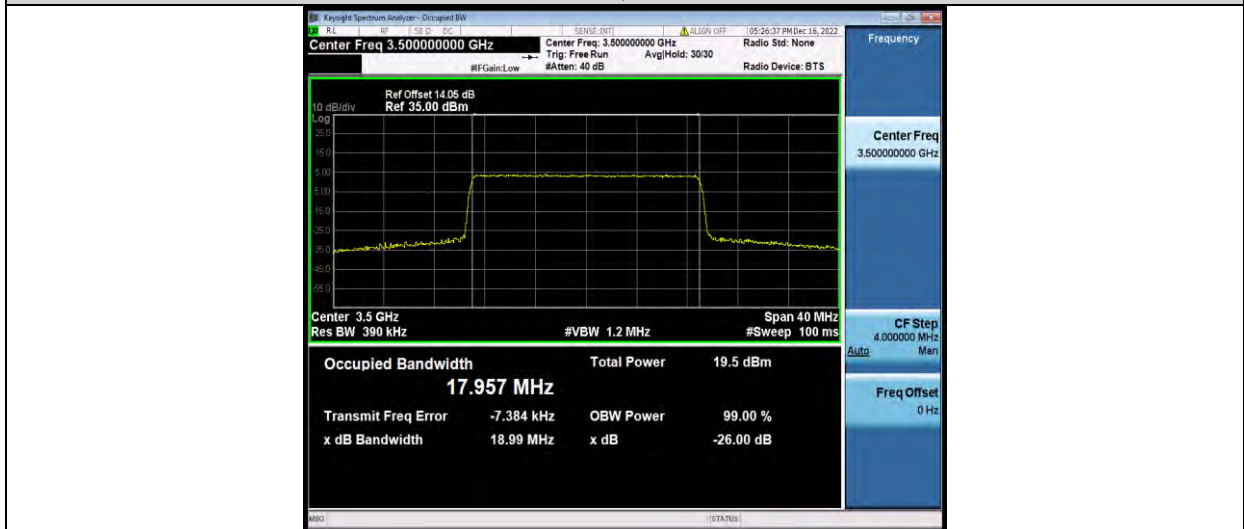
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Band42-20MHz-64QAM-42590-100RB#0

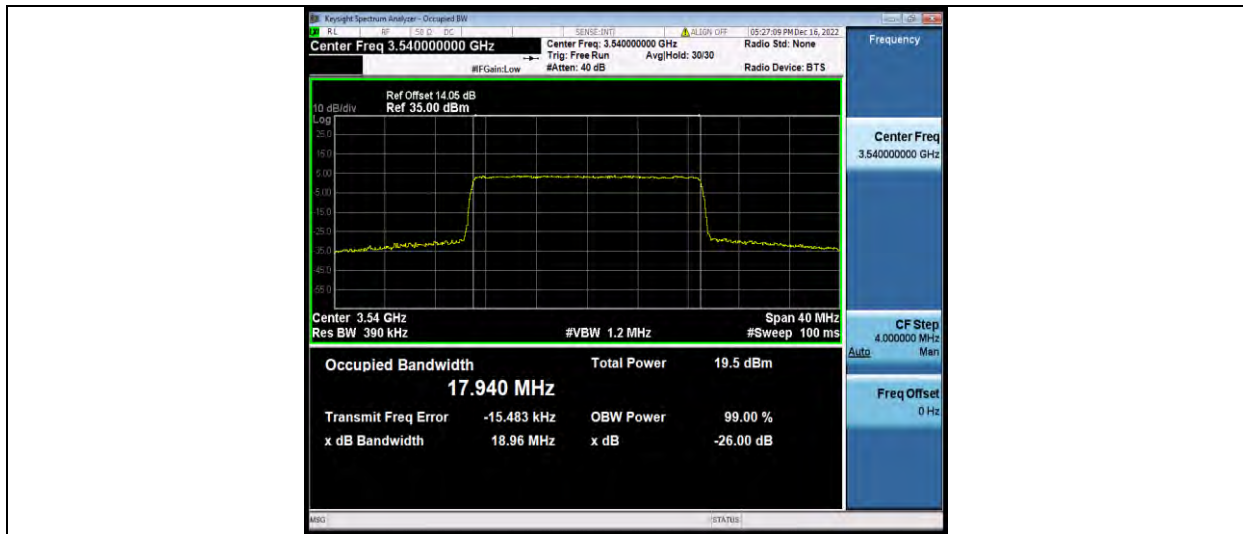


Band42-20MHz-64QAM-42990-100RB#0



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VERITAS

### Test Report No.: W7L-P22110036RF07





Test Report No.: W7L-P22110036RF07

## BAND EDGE

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)          | Verdict |
|--------|-----------|------------|---------|------------------|----------------------|---------|
| Band42 | 5MHz      | QPSK       | 42115   | 1RB#0            | -47.01,-42.56,-24.74 | PASS    |
| Band42 | 5MHz      | QPSK       | 42115   | 25RB#0           | -41.93,-30.87,-29.94 | PASS    |
| Band42 | 5MHz      | QPSK       | 43065   | 1RB#24           | -27.22,-42.11,-47.22 | PASS    |
| Band42 | 5MHz      | QPSK       | 43065   | 25RB#0           | -30.31,-28.80,-41.47 | PASS    |
| Band42 | 5MHz      | 16QAM      | 42115   | 1RB#0            | -47.36,-44.13,-28.02 | PASS    |
| Band42 | 5MHz      | 16QAM      | 42115   | 25RB#0           | -42.65,-31.25,-31.34 | PASS    |
| Band42 | 5MHz      | 16QAM      | 43065   | 1RB#24           | -28.13,-43.13,-47.25 | PASS    |
| Band42 | 5MHz      | 16QAM      | 43065   | 25RB#0           | -29.55,-29.36,-41.84 | PASS    |
| Band42 | 5MHz      | 64QAM      | 42115   | 1RB#0            | -48.25,-43.43,-30.91 | PASS    |
| Band42 | 5MHz      | 64QAM      | 42115   | 25RB#0           | -43.40,-31.24,-31.65 | PASS    |
| Band42 | 5MHz      | 64QAM      | 43065   | 1RB#24           | -28.64,-44.58,-48.23 | PASS    |
| Band42 | 5MHz      | 64QAM      | 43065   | 25RB#0           | -29.95,-30.10,-41.05 | PASS    |
| Band42 | 10MHz     | QPSK       | 42140   | 1RB#0            | -47.66,-43.54,-38.66 | PASS    |
| Band42 | 10MHz     | QPSK       | 42140   | 50RB#0           | -34.85,-32.08,-33.79 | PASS    |
| Band42 | 10MHz     | QPSK       | 43040   | 1RB#49           | -37.98,-43.61,-47.78 | PASS    |
| Band42 | 10MHz     | QPSK       | 43040   | 50RB#0           | -33.01,-30.78,-32.90 | PASS    |
| Band42 | 10MHz     | 16QAM      | 42140   | 1RB#0            | -47.86,-44.09,-41.74 | PASS    |
| Band42 | 10MHz     | 16QAM      | 42140   | 50RB#0           | -35.01,-32.41,-35.03 | PASS    |
| Band42 | 10MHz     | 16QAM      | 43040   | 1RB#49           | -40.86,-44.62,-47.96 | PASS    |
| Band42 | 10MHz     | 16QAM      | 43040   | 50RB#0           | -33.34,-31.80,-33.35 | PASS    |
| Band42 | 10MHz     | 64QAM      | 42140   | 1RB#0            | -48.12,-44.34,-41.25 | PASS    |
| Band42 | 10MHz     | 64QAM      | 42140   | 50RB#0           | -36.34,-32.96,-35.25 | PASS    |
| Band42 | 10MHz     | 64QAM      | 43040   | 1RB#49           | -40.16,-42.99,-48.23 | PASS    |
| Band42 | 10MHz     | 64QAM      | 43040   | 50RB#0           | -33.87,-31.79,-34.39 | PASS    |
| Band42 | 15MHz     | QPSK       | 42165   | 1RB#0            | -55.84,-52.20,-48.95 | PASS    |
| Band42 | 15MHz     | QPSK       | 42165   | 75RB#0           | -33.69,-33.06,-35.85 | PASS    |
| Band42 | 15MHz     | QPSK       | 43015   | 1RB#74           | -41.65,-43.41,-47.79 | PASS    |
| Band42 | 15MHz     | QPSK       | 43015   | 75RB#0           | -35.64,-31.98,-32.48 | PASS    |
| Band42 | 15MHz     | 16QAM      | 42165   | 1RB#0            | -55.83,-52.15,-48.89 | PASS    |
| Band42 | 15MHz     | 16QAM      | 42165   | 75RB#0           | -33.75,-33.07,-36.94 | PASS    |
| Band42 | 15MHz     | 16QAM      | 43015   | 1RB#74           | -43.10,-45.45,-47.83 | PASS    |
| Band42 | 15MHz     | 16QAM      | 43015   | 75RB#0           | -35.39,-31.68,-31.68 | PASS    |
| Band42 | 15MHz     | 64QAM      | 42165   | 1RB#0            | -55.95,-52.15,-48.90 | PASS    |
| Band42 | 15MHz     | 64QAM      | 42165   | 75RB#0           | -34.57,-34.07,-37.02 | PASS    |
| Band42 | 15MHz     | 64QAM      | 43015   | 1RB#74           | -43.22,-43.71,-48.24 | PASS    |
| Band42 | 15MHz     | 64QAM      | 43015   | 75RB#0           | -35.51,-32.47,-32.36 | PASS    |
| Band42 | 20MHz     | QPSK       | 42190   | 1RB#0            | -47.56,-44.22,-43.60 | PASS    |
| Band42 | 20MHz     | QPSK       | 42190   | 100RB#0          | -35.27,-34.88,-36.37 | PASS    |
| Band42 | 20MHz     | QPSK       | 42990   | 1RB#99           | -42.71,-44.65,-47.95 | PASS    |
| Band42 | 20MHz     | QPSK       | 42990   | 100RB#0          | -35.64,-32.50,-32.49 | PASS    |
| Band42 | 20MHz     | 16QAM      | 42190   | 1RB#0            | -48.34,-46.21,-43.91 | PASS    |
| Band42 | 20MHz     | 16QAM      | 42190   | 100RB#0          | -34.23,-35.04,-38.07 | PASS    |
| Band42 | 20MHz     | 16QAM      | 42990   | 1RB#99           | -43.64,-45.62,-48.24 | PASS    |
| Band42 | 20MHz     | 16QAM      | 42990   | 100RB#0          | -36.39,-33.19,-33.24 | PASS    |
| Band42 | 20MHz     | 64QAM      | 42190   | 1RB#0            | -48.17,-44.41,-45.20 | PASS    |



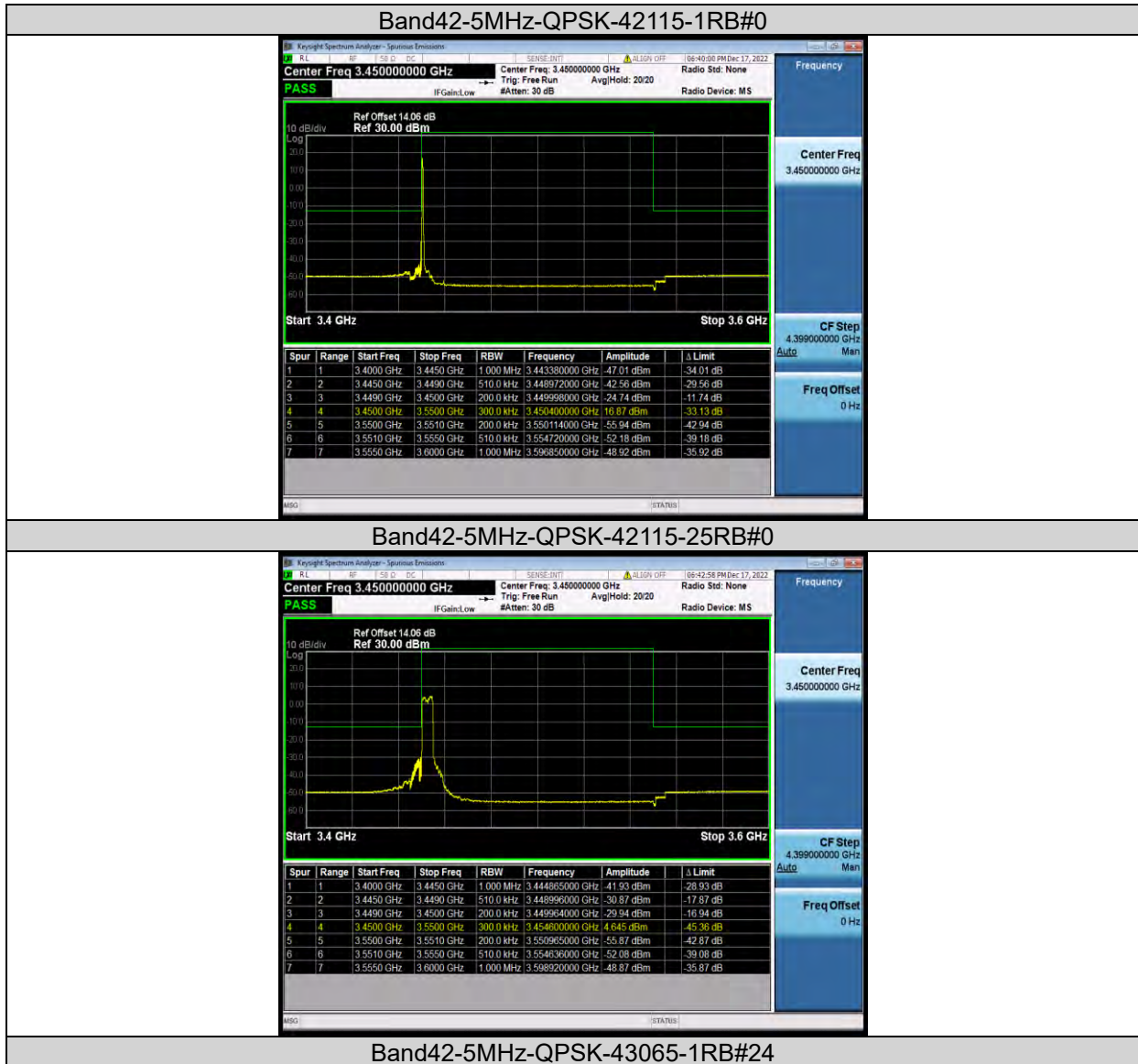


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VERITAS**

Test Report No.: W7L-P22110036RF07

|        |       |       |       |         |                      |      |
|--------|-------|-------|-------|---------|----------------------|------|
| Band42 | 20MHz | 64QAM | 42190 | 100RB#0 | -36.06,-34.66,-38.70 | PASS |
| Band42 | 20MHz | 64QAM | 42990 | 1RB#99  | -45.88,-43.39,-48.21 | PASS |
| Band42 | 20MHz | 64QAM | 42990 | 100RB#0 | -37.00,-34.34,-32.44 | PASS |

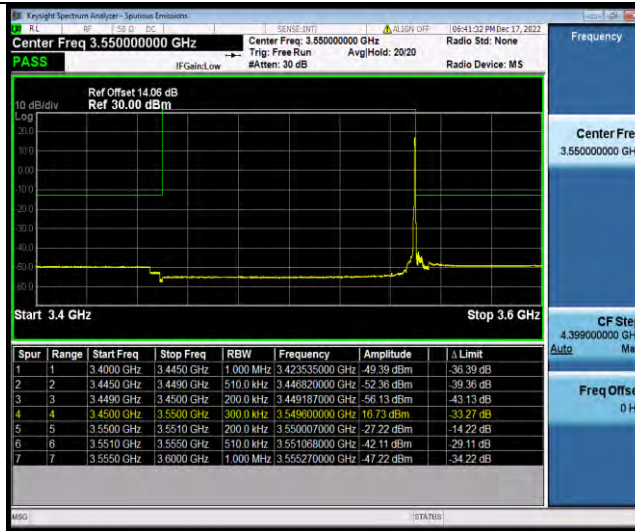
### Test Graphs



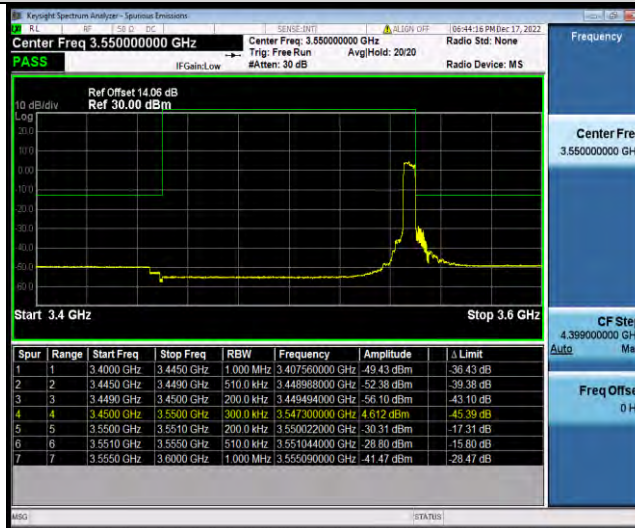


BUREAU VERITAS

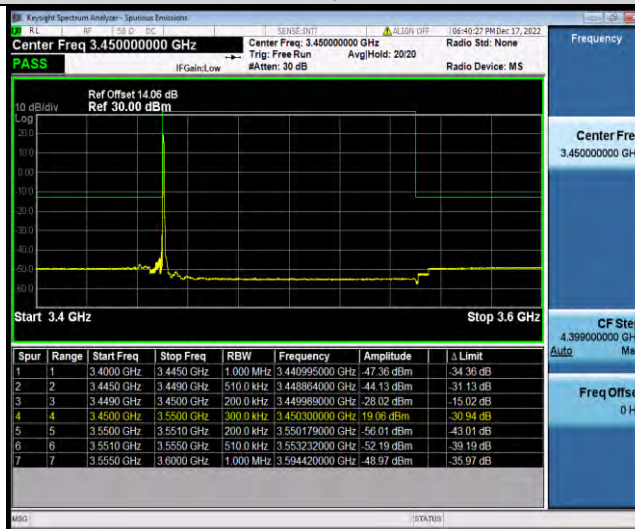
Test Report No.: W7L-P22110036RF07



Band42-5MHz-QPSK-43065-25RB#0



Band42-5MHz-16QAM-42115-1RB#0



Band42-5MHz-16QAM-42115-25RB#0

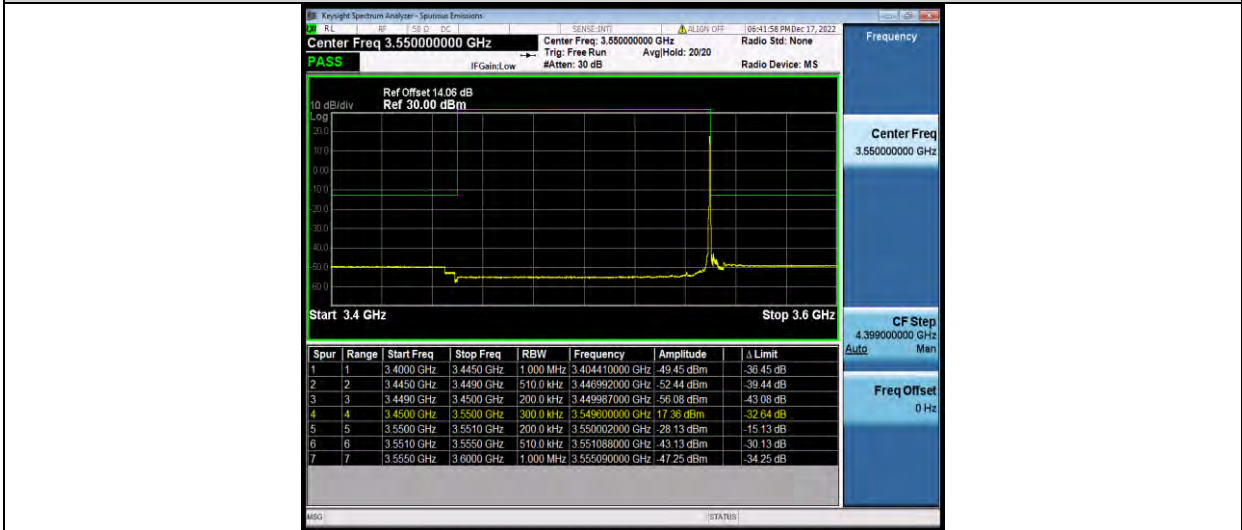


BUREAU VERITAS

# Test Report No.: W7L-P22110036RF07



Band42-5MHz-16QAM-43065-1RB#24



Band42-5MHz-16QAM-43065-25RB#0

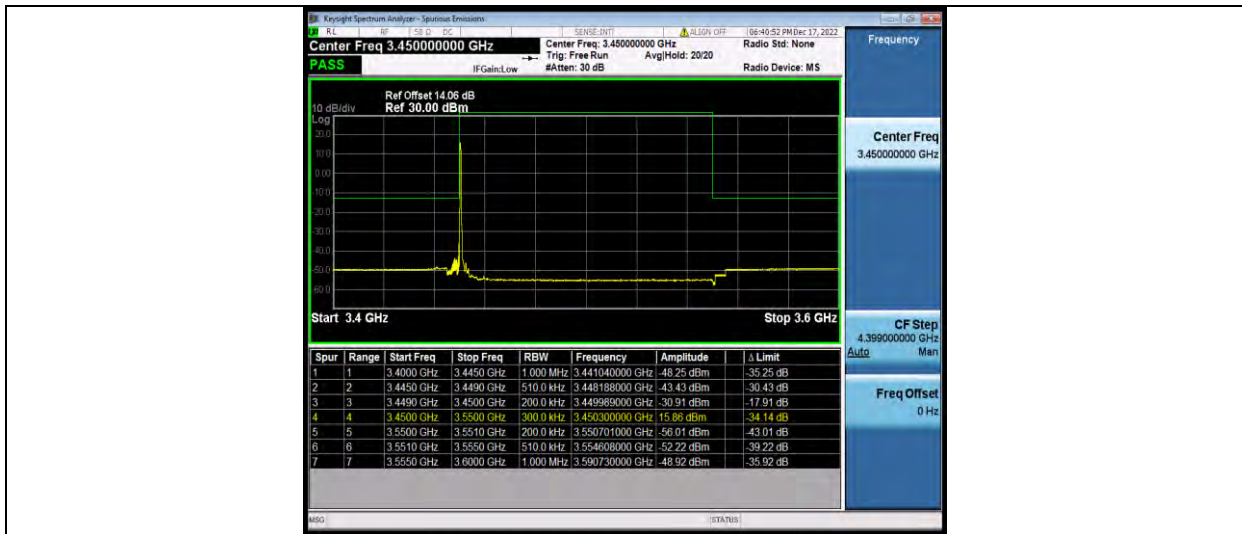


Band42-5MHz-64QAM-42115-1RB#0



BUREAU VERITAS

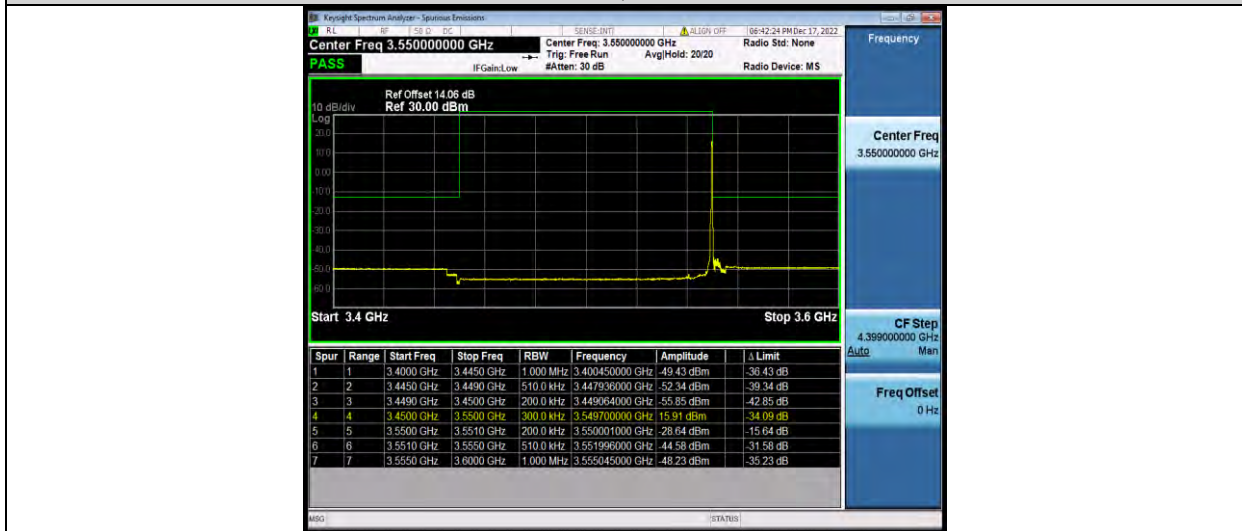
Test Report No.: W7L-P22110036RF07



Band42-5MHz-64QAM-42115-25RB#0



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Band42-5MHz-64QAM-43065-25RB#0

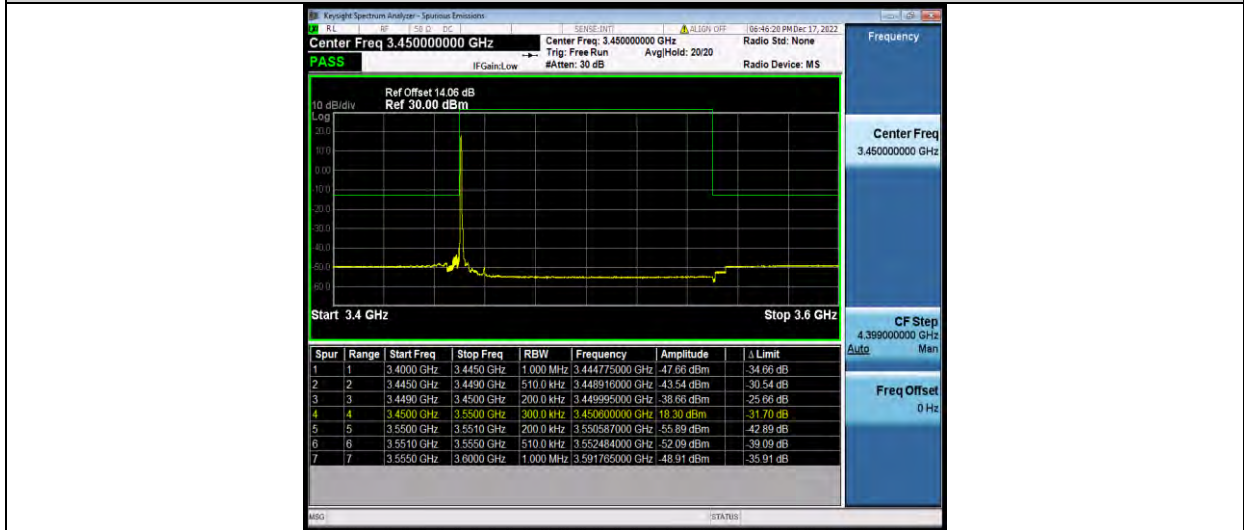


BUREAU VERITAS

# Test Report No.: W7L-P22110036RF07



Band42-10MHz-QPSK-42140-1RB#0



Band42-10MHz-QPSK-42140-50RB#0

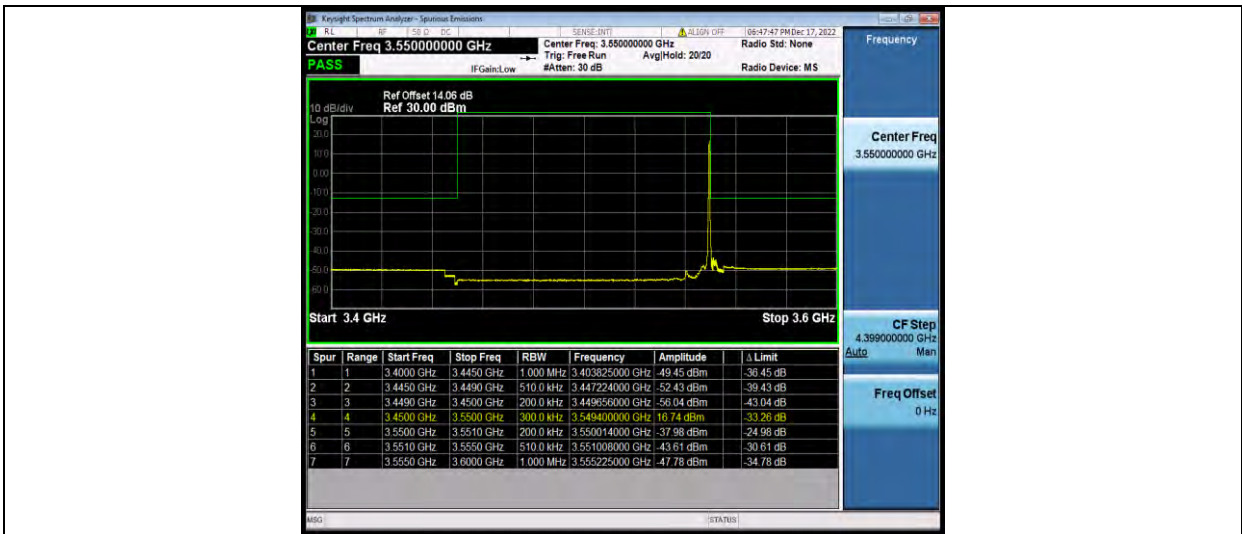


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BUREAU VERITAS

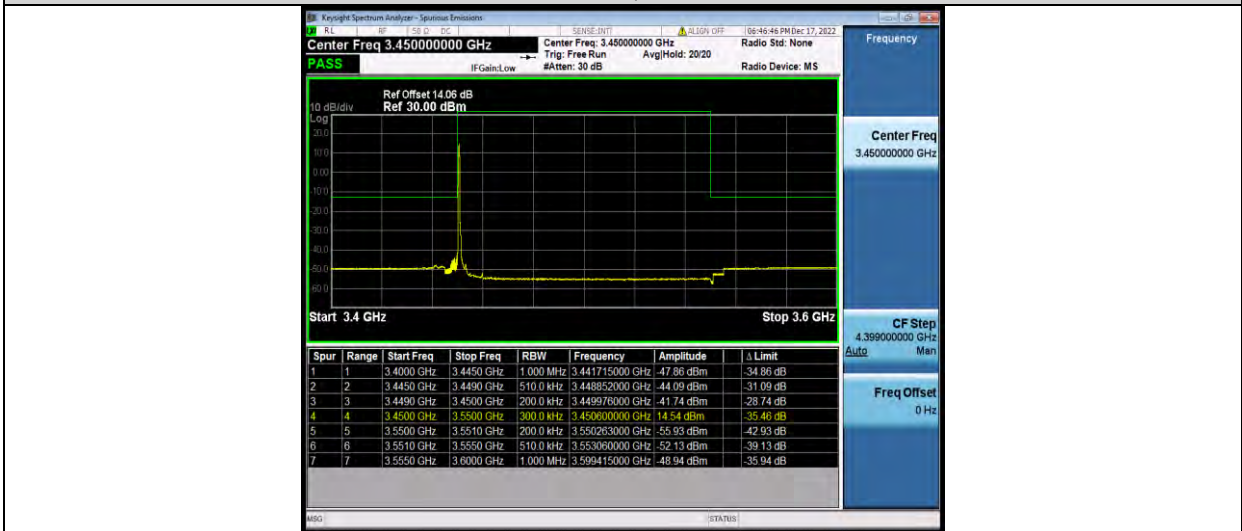
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Band42-10MHz-QPSK-43040-50RB#0



Band42-10MHz-16QAM-42140-1RB#0



Band42-10MHz-16QAM-42140-50RB#0