

## Appendix Test Data

|                  |                 |                    |                   |
|------------------|-----------------|--------------------|-------------------|
| Report No.:      | 18220WC20274909 | Test Sample No.:   | 1-2-2             |
| Start Test Date: | 2022.11.30      | Finish Test Date:  | 2023.1.16         |
| Test Engineer:   | <i>Tony He</i>  | Auditor:           | <i>Edward Pan</i> |
| Temperature:     | 22.5°C          | Relative Humidity: | 33 %              |
| Pressure:        | 1012 hPa        |                    |                   |

## Appendix A: Conducted Output Power

## Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 23.72       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#12           | 23.74       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | 23.41       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#0           | 22.73       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#6           | 22.66       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 12RB#13          | 22.79       | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 22.73       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 23.64       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#12           | 23.69       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#24           | 23.49       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#0           | 22.66       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#6           | 22.74       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 12RB#13          | 22.72       | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 22.69       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 23.57       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#12           | 23.52       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#24           | 23.56       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 12RB#0           | 22.62       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 12RB#6           | 22.64       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 12RB#13          | 22.51       | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | 22.54       | PASS    |



|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band13 | 5MHz  | 16QAM | 23205 | 1RB#0   | 22.66 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 1RB#12  | 22.94 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 1RB#24  | 22.97 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 12RB#0  | 21.90 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 12RB#6  | 21.66 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 12RB#13 | 21.63 | PASS |
| Band13 | 5MHz  | 16QAM | 23205 | 25RB#0  | 21.64 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#0   | 22.66 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#12  | 23.16 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 1RB#24  | 22.70 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 12RB#0  | 21.64 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 12RB#6  | 21.65 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 12RB#13 | 21.64 | PASS |
| Band13 | 5MHz  | 16QAM | 23230 | 25RB#0  | 21.62 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#0   | 22.29 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#12  | 22.39 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 1RB#24  | 22.35 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#0  | 21.50 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#6  | 21.51 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 12RB#13 | 21.53 | PASS |
| Band13 | 5MHz  | 16QAM | 23255 | 25RB#0  | 21.48 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#0   | 23.44 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#24  | 23.53 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 1RB#49  | 23.33 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#0  | 22.64 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#12 | 22.56 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 25RB#25 | 22.42 | PASS |
| Band13 | 10MHz | QPSK  | 23230 | 50RB#0  | 22.38 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#0   | 22.66 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#24  | 23.11 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 1RB#49  | 22.61 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#0  | 21.37 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#12 | 21.58 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 25RB#25 | 21.48 | PASS |
| Band13 | 10MHz | 16QAM | 23230 | 50RB#0  | 21.43 | PASS |

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 Tel: (86) 0755-26066440 Fax: (86) 0755-26014772 Email: service@anbotek.com



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## Appendix B: Peak-to-Average Ratio(CCDF)

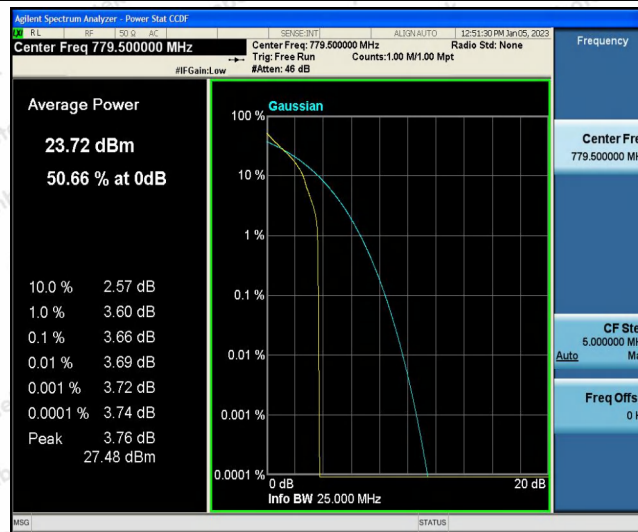
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | 3.66       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 4.59       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 1RB#0            | 3.92       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 4.72       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | 3.98       | 13        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | 4.73       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | 4.64       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 5.50       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 1RB#0            | 4.73       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 5.60       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#0            | 4.76       | 13        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | 5.72       | 13        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | 3.71       | 13        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | 4.76       | 13        | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0            | 4.46       | 13        | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 50RB#0           | 5.64       | 13        | PASS    |

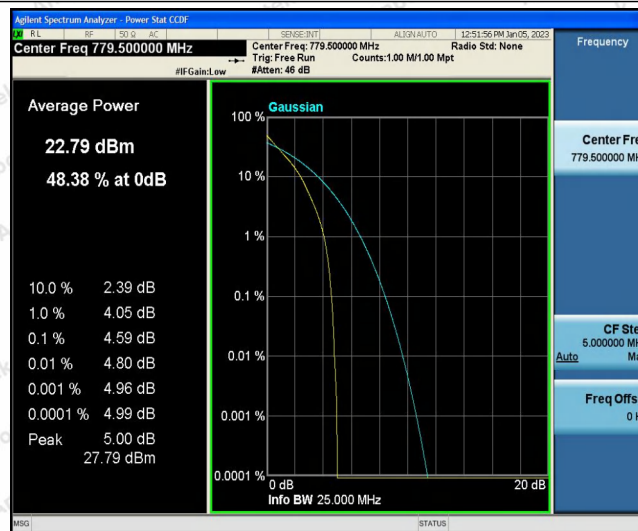


## Test Graphs

Band13-5MHz-QPSK-23205-1RB#0

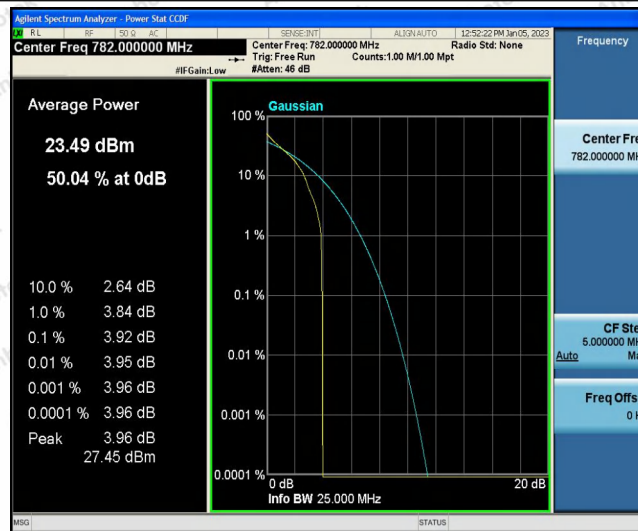


Band13-5MHz-QPSK-23205-25RB#0

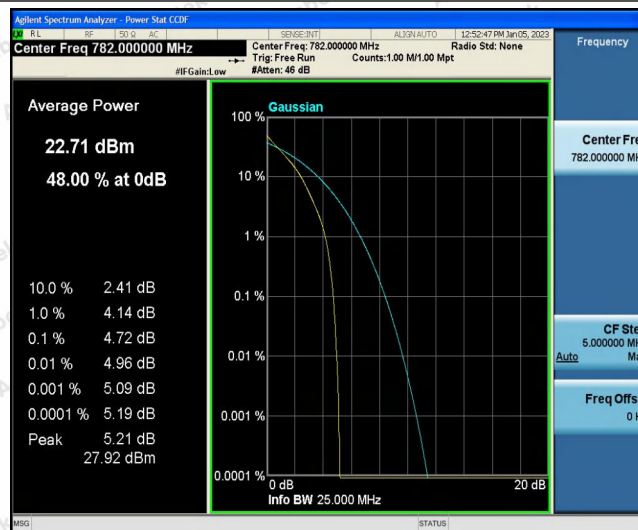


Band13-5MHz-QPSK-23230-1RB#0

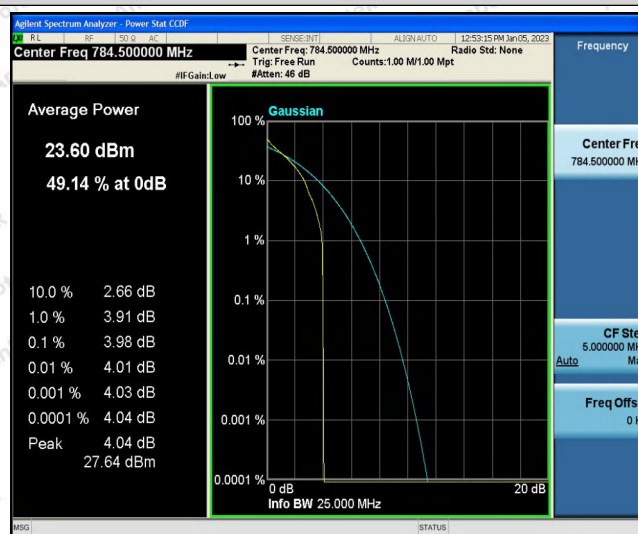




Band13-5MHz-QPSK-23230-25RB#0



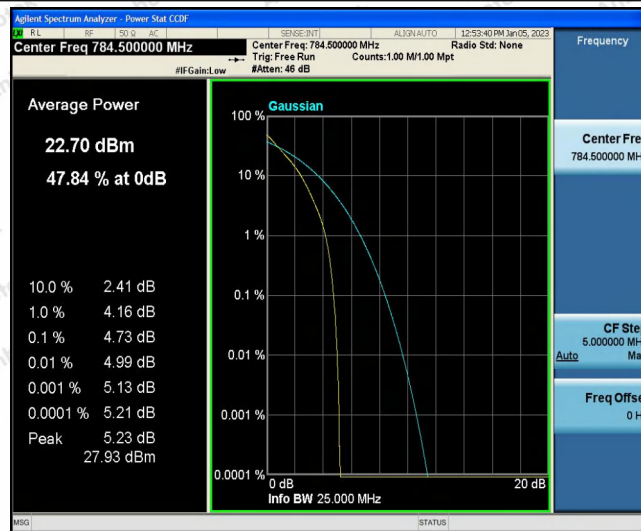
Band13-5MHz-QPSK-23255-1RB#0



Band13-5MHz-QPSK-23255-25RB#0







Band13-5MHz-16QAM-23205-1RB#0

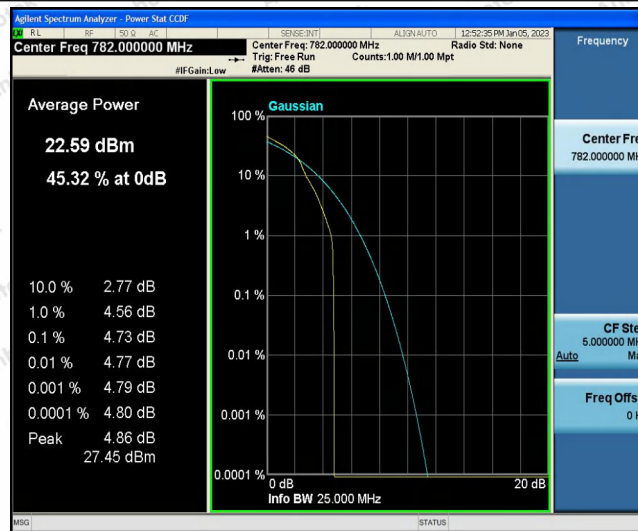


Band13-5MHz-16QAM-23205-25RB#0

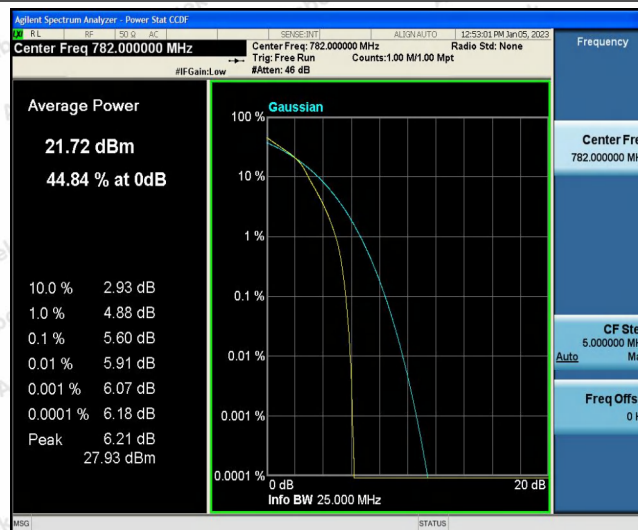


Band13-5MHz-16QAM-23230-1RB#0

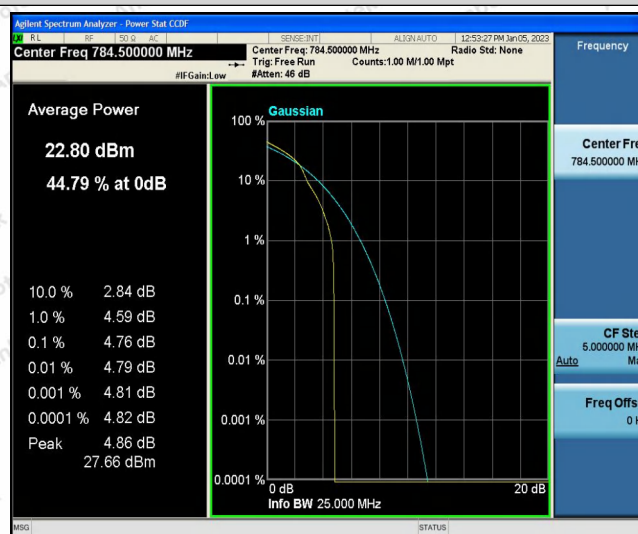




Band13-5MHz-16QAM-23230-25RB#0



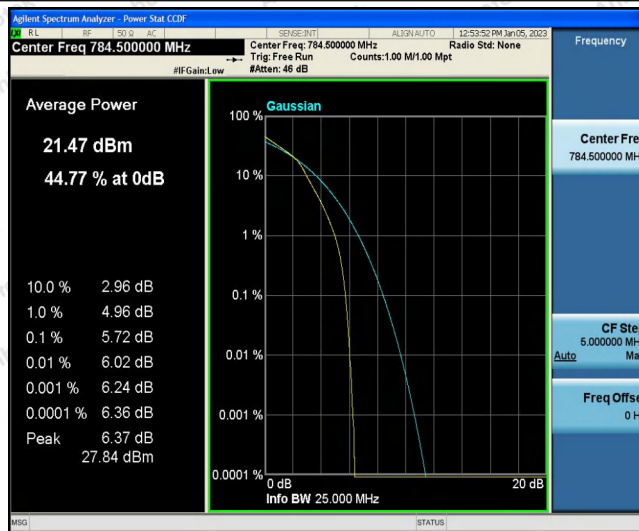
Band13-5MHz-16QAM-23255-1RB#0



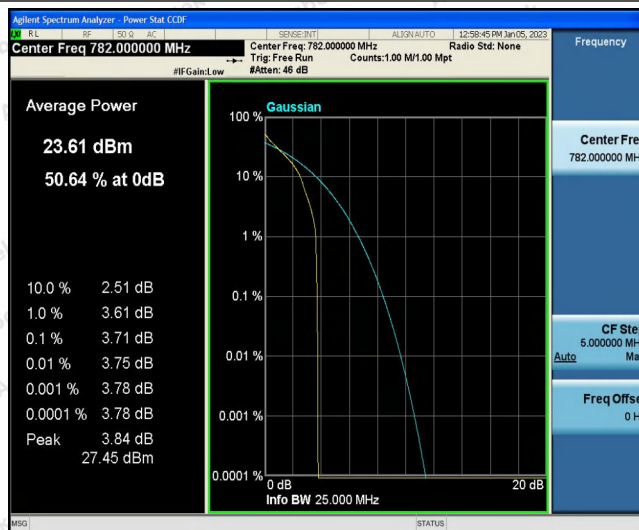
Band13-5MHz-16QAM-23255-25RB#0



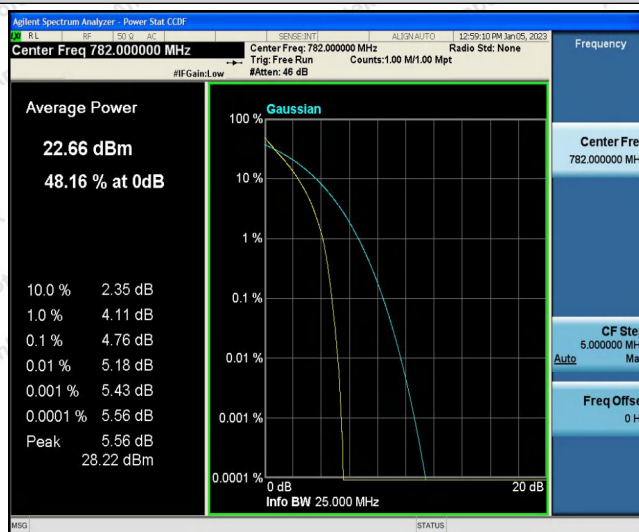




Band13-10MHz-QPSK-23230-1RB#0



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0

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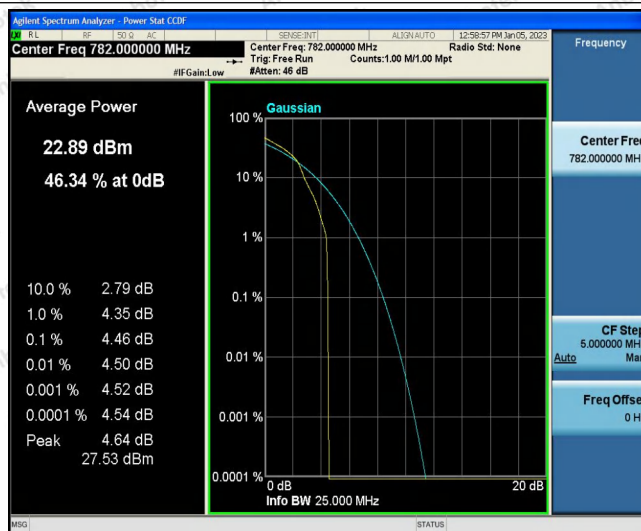
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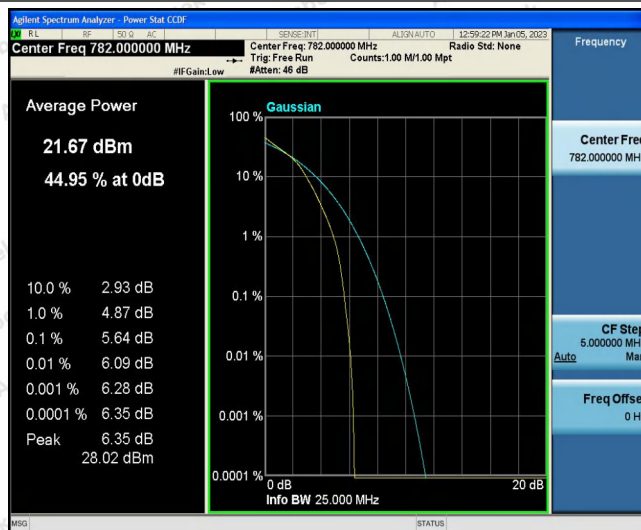
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## Band13-10MHz-16QAM-23230-50RB#0



## Appendix C: 26dB Bandwidth and Occupied Bandwidth

### Test Result

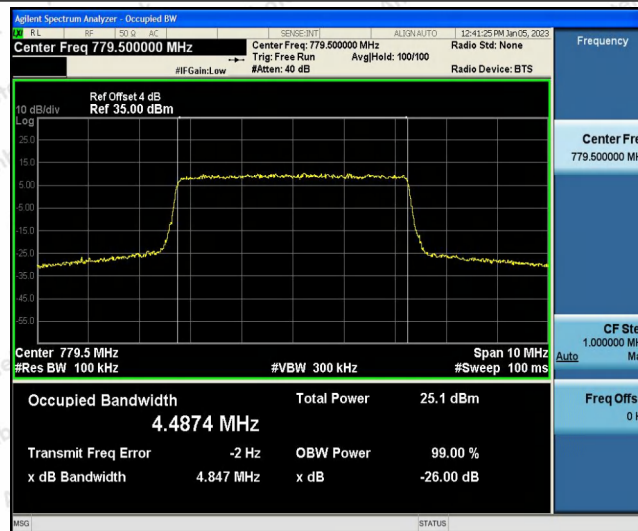
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | 4.4874                   | 4.847                | PASS    |
| Band13 | 5MHz      | QPSK       | 23230   | 25RB#0           | 4.5042                   | 4.865                | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | 4.4945                   | 4.892                | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | 4.4938                   | 4.901                | PASS    |
| Band13 | 5MHz      | 16QAM      | 23230   | 25RB#0           | 4.4943                   | 4.834                | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | 4.4940                   | 4.855                | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | 8.9745                   | 9.543                | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 50RB#0           | 8.9540                   | 9.533                | PASS    |





## Test Graphs

Band13-5MHz-QPSK-23205-25RB#0

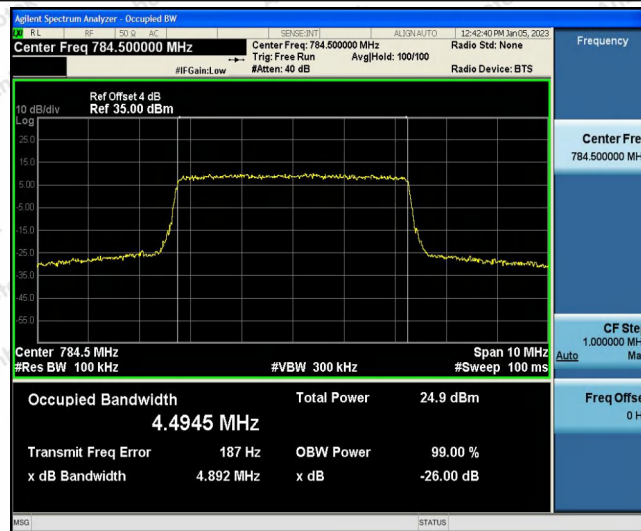


Band13-5MHz-QPSK-23230-25RB#0

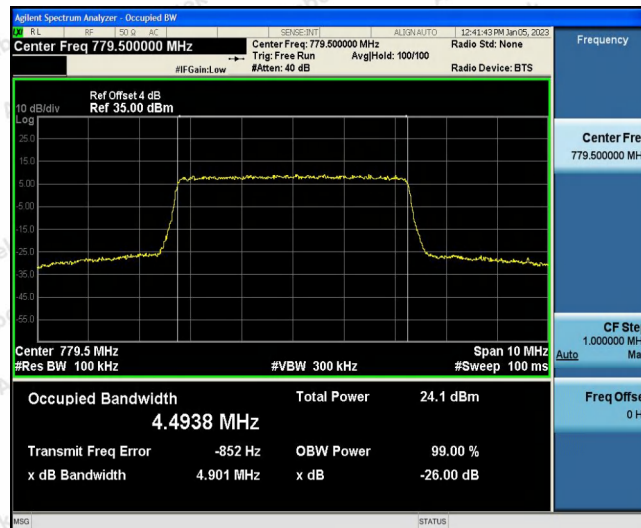


Band13-5MHz-QPSK-23255-25RB#0

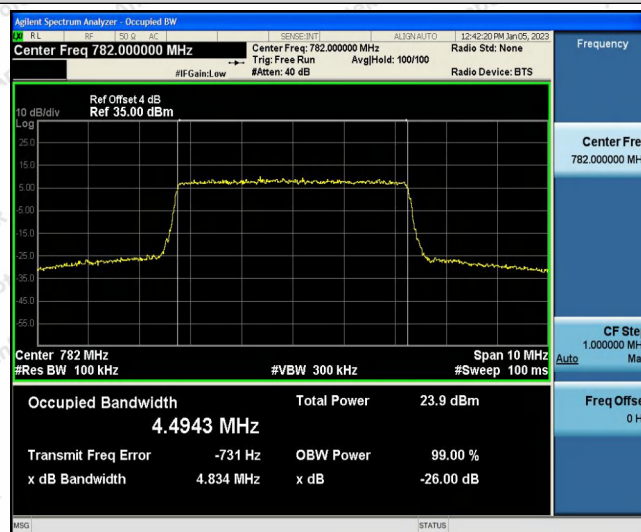




Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23230-25RB#0



Band13-5MHz-16QAM-23255-25RB#0

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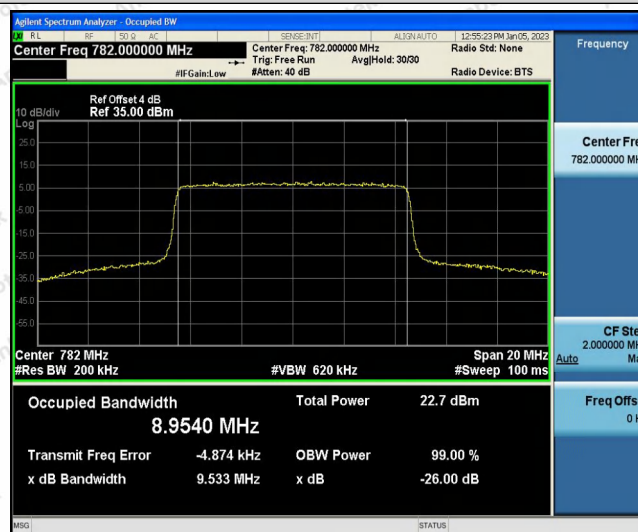




Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-50RB#0



## Appendix D: Band Edge

### Test Result

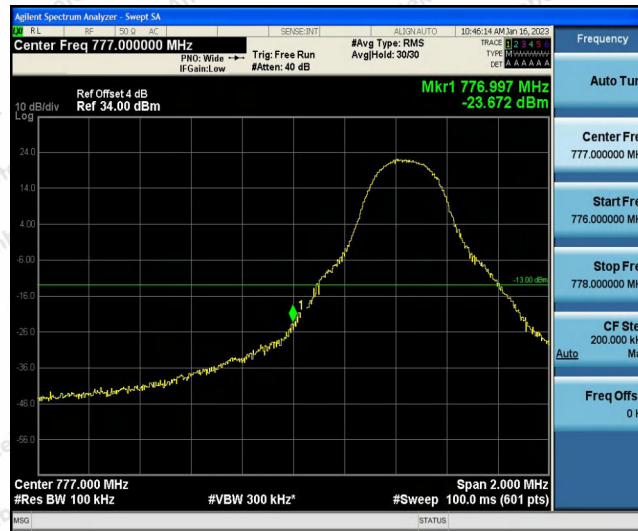
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)   | Verdict |
|--------|-----------|------------|---------|------------------|---------------|---------|
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#0            | -23.67        | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 1RB#24           | -50.84        | PASS    |
| Band13 | 5MHz      | QPSK       | 23205   | 25RB#0           | -21.69        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#0            | -48.84        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 1RB#24           | -23.52        | PASS    |
| Band13 | 5MHz      | QPSK       | 23255   | 25RB#0           | -21.02        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#0            | -25.57        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 1RB#24           | -52.07        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23205   | 25RB#0           | -21.86        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#0            | -51.58        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 1RB#24           | -24.08        | PASS    |
| Band13 | 5MHz      | 16QAM      | 23255   | 25RB#0           | -22.77        | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#0            | -22.11,-47.16 | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 1RB#49           | -46.09,-25.17 | PASS    |
| Band13 | 10MHz     | QPSK       | 23230   | 50RB#0           | -23.17,-24.37 | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#0            | -20.44,-46.80 | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 1RB#49           | -45.16,-21.95 | PASS    |
| Band13 | 10MHz     | 16QAM      | 23230   | 50RB#0           | -25.32,-25.06 | PASS    |



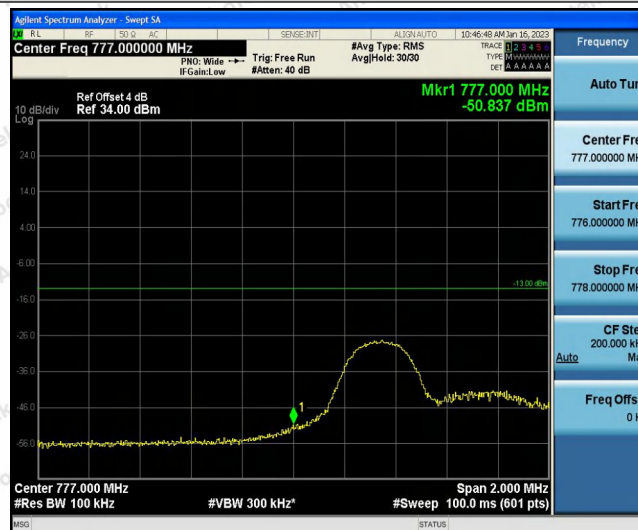


## Test Graphs

Band13-5MHz-QPSK-23205-1RB#0



Band13-5MHz-QPSK-23205-1RB#24



Band13-5MHz-QPSK-23205-25RB#0



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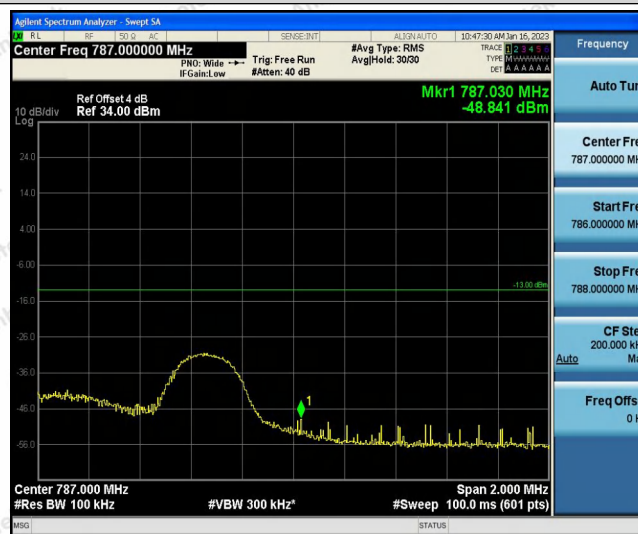
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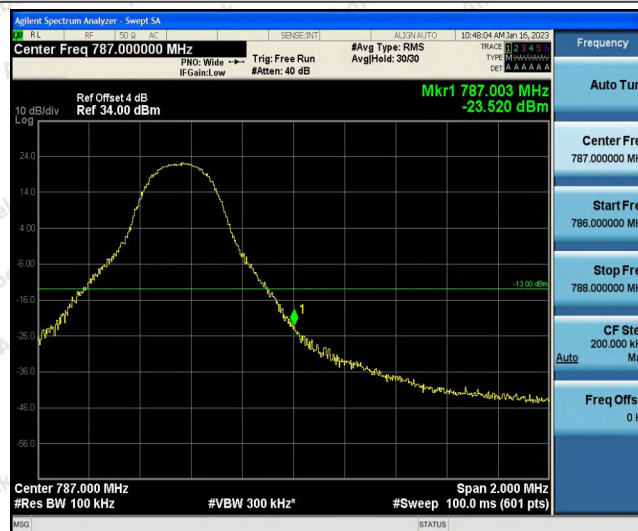
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## Band13-5MHz-QPSK-23255-1RB#24



## Band13-5MHz-QPSK-23255-25RB#0



## Band13-5MHz-16QAM-23205-1RB#0

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Band13-5MHz-16QAM-23205-25RB#0



Band13-5MHz-16QAM-23255-1RB#0

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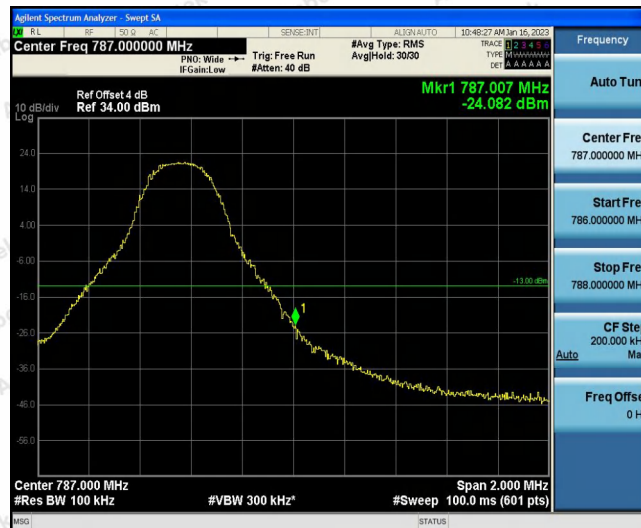


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Band13-5MHz-16QAM-23255-1RB#24



Band13-5MHz-16QAM-23255-25RB#0



Band13-10MHz-QPSK-23230-1RB#0

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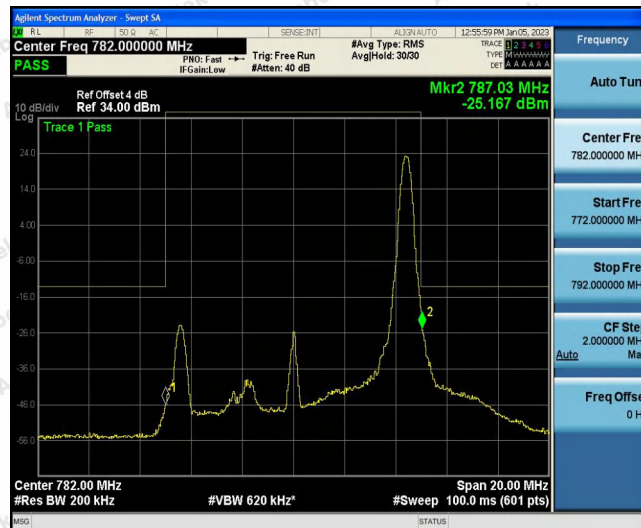
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Band13-10MHz-QPSK-23230-1RB#49



Band13-10MHz-QPSK-23230-50RB#0



Band13-10MHz-16QAM-23230-1RB#0

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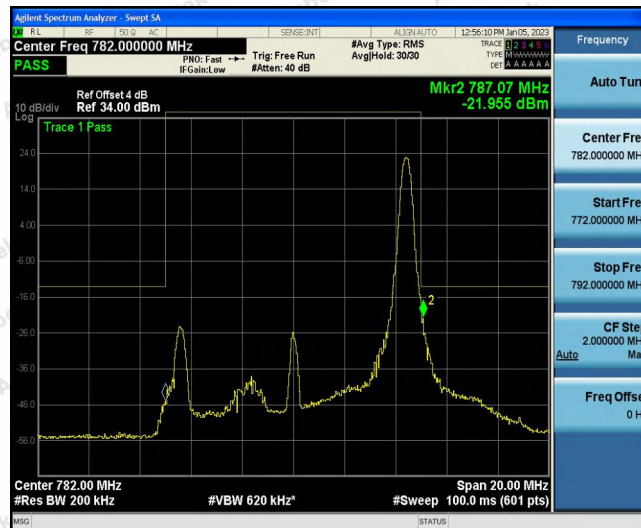


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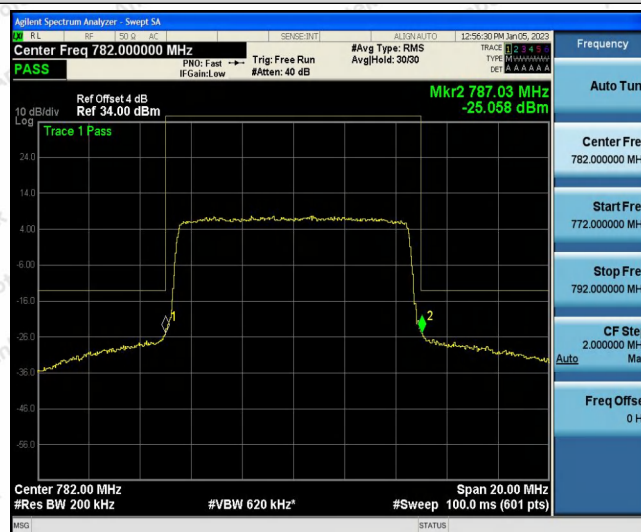




Band13-10MHz-16QAM-23230-1RB#49



Band13-10MHz-16QAM-23230-50RB#0



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