

# APPENDIX REPORT

|                 |                 |                     |              |
|-----------------|-----------------|---------------------|--------------|
| Project No.     | SHT2211015101EW | Radio Specification | LTE          |
| Test sample No. | YPHT22110151001 | Model No.           | iBreeze 20A  |
| Start test date | 2022-11-28      | Finish date         | 2022-12-07   |
| Temperature     | 25.4℃           | Humidity            | 37%          |
| Test Engineer   | Xiaodong Zhao   | Auditor             | Xiaodong Zhu |

| Appendix clause | Test item                              | Result |
|-----------------|----------------------------------------|--------|
| A               | Conducted Output Power                 | PASS   |
| B               | Peak-to-Average Ratio                  | PASS   |
| C               | 26 dB Bandwidth and Occupied Bandwidth | PASS   |
| D               | Band edge                              | PASS   |
| E               | Conducted Spurious Emission            | PASS   |
| F               | Frequency Stability                    | PASS   |
| G               | ERP                                    | PASS   |

## 8.1 Appendix A: Conducted Output Power

### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band26 | 1.4MHz    | QPSK       | 26697   | 1RB#0            | 22.74       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 1RB#2            | 22.69       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 1RB#5            | 21.87       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 3RB#0            | 22.08       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 3RB#1            | 22.00       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 3RB#3            | 21.95       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 6RB#0            | 20.93       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 1RB#0            | 22.47       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 1RB#2            | 22.35       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 1RB#5            | 22.38       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 3RB#0            | 22.47       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 3RB#1            | 22.44       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 3RB#3            | 22.42       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 6RB#0            | 21.55       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 1RB#0            | 22.35       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 1RB#2            | 22.48       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 1RB#5            | 22.56       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 3RB#0            | 22.52       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 3RB#1            | 22.70       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 3RB#3            | 22.79       | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 6RB#0            | 21.59       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 1RB#0            | 21.58       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 1RB#2            | 21.78       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 1RB#5            | 21.60       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 3RB#0            | 21.47       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 3RB#1            | 21.49       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 3RB#3            | 21.50       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 6RB#0            | 20.47       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 1RB#0            | 21.32       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 1RB#2            | 21.58       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 1RB#5            | 21.38       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 3RB#0            | 21.41       | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 3RB#1            | 21.43       | PASS    |

|        |        |       |       |        |       |      |
|--------|--------|-------|-------|--------|-------|------|
| Band26 | 1.4MHz | 16QAM | 26740 | 3RB#3  | 21.39 | PASS |
| Band26 | 1.4MHz | 16QAM | 26740 | 6RB#0  | 20.57 | PASS |
| Band26 | 1.4MHz | 16QAM | 26783 | 1RB#0  | 21.51 | PASS |
| Band26 | 1.4MHz | 16QAM | 26783 | 1RB#2  | 21.80 | PASS |
| Band26 | 1.4MHz | 16QAM | 26783 | 1RB#5  | 21.60 | PASS |
| Band26 | 1.4MHz | 16QAM | 26783 | 3RB#0  | 21.49 | PASS |
| Band26 | 1.4MHz | 16QAM | 26783 | 3RB#1  | 21.48 | PASS |
| Band26 | 1.4MHz | 16QAM | 26783 | 3RB#3  | 21.41 | PASS |
| Band26 | 1.4MHz | 16QAM | 26783 | 6RB#0  | 20.61 | PASS |
| Band26 | 3MHz   | QPSK  | 26705 | 1RB#0  | 22.23 | PASS |
| Band26 | 3MHz   | QPSK  | 26705 | 1RB#8  | 22.25 | PASS |
| Band26 | 3MHz   | QPSK  | 26705 | 1RB#14 | 22.12 | PASS |
| Band26 | 3MHz   | QPSK  | 26705 | 8RB#0  | 21.18 | PASS |
| Band26 | 3MHz   | QPSK  | 26705 | 8RB#4  | 21.20 | PASS |
| Band26 | 3MHz   | QPSK  | 26705 | 8RB#7  | 21.12 | PASS |
| Band26 | 3MHz   | QPSK  | 26705 | 15RB#0 | 21.17 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 1RB#0  | 22.10 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 1RB#8  | 22.12 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 1RB#14 | 22.26 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 8RB#0  | 21.14 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 8RB#4  | 21.15 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 8RB#7  | 21.11 | PASS |
| Band26 | 3MHz   | QPSK  | 26740 | 15RB#0 | 21.10 | PASS |
| Band26 | 3MHz   | QPSK  | 26775 | 1RB#0  | 22.24 | PASS |
| Band26 | 3MHz   | QPSK  | 26775 | 1RB#8  | 22.10 | PASS |
| Band26 | 3MHz   | QPSK  | 26775 | 1RB#14 | 22.33 | PASS |
| Band26 | 3MHz   | QPSK  | 26775 | 8RB#0  | 21.07 | PASS |
| Band26 | 3MHz   | QPSK  | 26775 | 8RB#4  | 21.09 | PASS |
| Band26 | 3MHz   | QPSK  | 26775 | 8RB#7  | 21.27 | PASS |
| Band26 | 3MHz   | QPSK  | 26775 | 15RB#0 | 21.17 | PASS |
| Band26 | 3MHz   | 16QAM | 26705 | 1RB#0  | 21.62 | PASS |
| Band26 | 3MHz   | 16QAM | 26705 | 1RB#8  | 21.63 | PASS |
| Band26 | 3MHz   | 16QAM | 26705 | 1RB#14 | 21.65 | PASS |
| Band26 | 3MHz   | 16QAM | 26705 | 8RB#0  | 20.56 | PASS |
| Band26 | 3MHz   | 16QAM | 26705 | 8RB#4  | 20.54 | PASS |
| Band26 | 3MHz   | 16QAM | 26705 | 8RB#7  | 20.52 | PASS |
| Band26 | 3MHz   | 16QAM | 26705 | 15RB#0 | 20.40 | PASS |
| Band26 | 3MHz   | 16QAM | 26740 | 1RB#0  | 21.23 | PASS |
| Band26 | 3MHz   | 16QAM | 26740 | 1RB#8  | 21.47 | PASS |

|        |      |       |       |         |       |      |
|--------|------|-------|-------|---------|-------|------|
| Band26 | 3MHz | 16QAM | 26740 | 1RB#14  | 21.49 | PASS |
| Band26 | 3MHz | 16QAM | 26740 | 8RB#0   | 20.58 | PASS |
| Band26 | 3MHz | 16QAM | 26740 | 8RB#4   | 20.57 | PASS |
| Band26 | 3MHz | 16QAM | 26740 | 8RB#7   | 20.54 | PASS |
| Band26 | 3MHz | 16QAM | 26740 | 15RB#0  | 20.44 | PASS |
| Band26 | 3MHz | 16QAM | 26775 | 1RB#0   | 21.46 | PASS |
| Band26 | 3MHz | 16QAM | 26775 | 1RB#8   | 21.63 | PASS |
| Band26 | 3MHz | 16QAM | 26775 | 1RB#14  | 21.66 | PASS |
| Band26 | 3MHz | 16QAM | 26775 | 8RB#0   | 20.60 | PASS |
| Band26 | 3MHz | 16QAM | 26775 | 8RB#4   | 20.60 | PASS |
| Band26 | 3MHz | 16QAM | 26775 | 8RB#7   | 20.57 | PASS |
| Band26 | 3MHz | 16QAM | 26775 | 15RB#0  | 20.53 | PASS |
| Band26 | 5MHz | QPSK  | 26715 | 1RB#0   | 22.24 | PASS |
| Band26 | 5MHz | QPSK  | 26715 | 1RB#12  | 22.18 | PASS |
| Band26 | 5MHz | QPSK  | 26715 | 1RB#24  | 21.85 | PASS |
| Band26 | 5MHz | QPSK  | 26715 | 12RB#0  | 20.96 | PASS |
| Band26 | 5MHz | QPSK  | 26715 | 12RB#6  | 20.97 | PASS |
| Band26 | 5MHz | QPSK  | 26715 | 12RB#13 | 20.81 | PASS |
| Band26 | 5MHz | QPSK  | 26715 | 25RB#0  | 21.01 | PASS |
| Band26 | 5MHz | QPSK  | 26740 | 1RB#0   | 22.26 | PASS |
| Band26 | 5MHz | QPSK  | 26740 | 1RB#12  | 21.84 | PASS |
| Band26 | 5MHz | QPSK  | 26740 | 1RB#24  | 21.78 | PASS |
| Band26 | 5MHz | QPSK  | 26740 | 12RB#0  | 21.01 | PASS |
| Band26 | 5MHz | QPSK  | 26740 | 12RB#6  | 20.91 | PASS |
| Band26 | 5MHz | QPSK  | 26740 | 12RB#13 | 20.88 | PASS |
| Band26 | 5MHz | QPSK  | 26740 | 25RB#0  | 20.91 | PASS |
| Band26 | 5MHz | QPSK  | 26765 | 1RB#0   | 22.00 | PASS |
| Band26 | 5MHz | QPSK  | 26765 | 1RB#12  | 22.11 | PASS |
| Band26 | 5MHz | QPSK  | 26765 | 1RB#24  | 22.13 | PASS |
| Band26 | 5MHz | QPSK  | 26765 | 12RB#0  | 20.80 | PASS |
| Band26 | 5MHz | QPSK  | 26765 | 12RB#6  | 20.93 | PASS |
| Band26 | 5MHz | QPSK  | 26765 | 12RB#13 | 21.00 | PASS |
| Band26 | 5MHz | QPSK  | 26765 | 25RB#0  | 20.85 | PASS |
| Band26 | 5MHz | 16QAM | 26715 | 1RB#0   | 21.61 | PASS |
| Band26 | 5MHz | 16QAM | 26715 | 1RB#12  | 21.79 | PASS |
| Band26 | 5MHz | 16QAM | 26715 | 1RB#24  | 21.69 | PASS |
| Band26 | 5MHz | 16QAM | 26715 | 12RB#0  | 20.54 | PASS |
| Band26 | 5MHz | 16QAM | 26715 | 12RB#6  | 20.49 | PASS |
| Band26 | 5MHz | 16QAM | 26715 | 12RB#13 | 20.55 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band26 | 5MHz  | 16QAM | 26715 | 25RB#0  | 20.51 | PASS |
| Band26 | 5MHz  | 16QAM | 26740 | 1RB#0   | 21.31 | PASS |
| Band26 | 5MHz  | 16QAM | 26740 | 1RB#12  | 21.61 | PASS |
| Band26 | 5MHz  | 16QAM | 26740 | 1RB#24  | 21.49 | PASS |
| Band26 | 5MHz  | 16QAM | 26740 | 12RB#0  | 20.53 | PASS |
| Band26 | 5MHz  | 16QAM | 26740 | 12RB#6  | 20.53 | PASS |
| Band26 | 5MHz  | 16QAM | 26740 | 12RB#13 | 20.48 | PASS |
| Band26 | 5MHz  | 16QAM | 26740 | 25RB#0  | 20.58 | PASS |
| Band26 | 5MHz  | 16QAM | 26765 | 1RB#0   | 21.27 | PASS |
| Band26 | 5MHz  | 16QAM | 26765 | 1RB#12  | 21.65 | PASS |
| Band26 | 5MHz  | 16QAM | 26765 | 1RB#24  | 21.51 | PASS |
| Band26 | 5MHz  | 16QAM | 26765 | 12RB#0  | 20.53 | PASS |
| Band26 | 5MHz  | 16QAM | 26765 | 12RB#6  | 20.48 | PASS |
| Band26 | 5MHz  | 16QAM | 26765 | 12RB#13 | 20.51 | PASS |
| Band26 | 5MHz  | 16QAM | 26765 | 25RB#0  | 20.56 | PASS |
| Band26 | 10MHz | QPSK  | 26740 | 1RB#0   | 22.21 | PASS |
| Band26 | 10MHz | QPSK  | 26740 | 1RB#24  | 22.07 | PASS |
| Band26 | 10MHz | QPSK  | 26740 | 1RB#49  | 22.09 | PASS |
| Band26 | 10MHz | QPSK  | 26740 | 25RB#0  | 20.92 | PASS |
| Band26 | 10MHz | QPSK  | 26740 | 25RB#12 | 20.81 | PASS |
| Band26 | 10MHz | QPSK  | 26740 | 25RB#25 | 20.77 | PASS |
| Band26 | 10MHz | QPSK  | 26740 | 50RB#0  | 20.92 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 1RB#0   | 21.54 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 1RB#12  | 21.82 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 1RB#24  | 21.80 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 12RB#0  | 21.54 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 12RB#6  | 21.53 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 12RB#13 | 21.55 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 25RB#0  | 20.67 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 1RB#0   | 22.30 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 1RB#38  | 21.98 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 1RB#74  | 22.27 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 38RB#0  | 21.99 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 38RB#18 | 21.99 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 38RB#37 | 22.19 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 75RB#0  | 20.87 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 1RB#0   | 21.63 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 1RB#12  | 21.74 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 1RB#24  | 21.74 | PASS |

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|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band26 | 15MHz | 16QAM | 26765 | 12RB#0  | 21.48 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 12RB#6  | 21.48 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 12RB#13 | 21.50 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 25RB#0  | 20.59 | PASS |

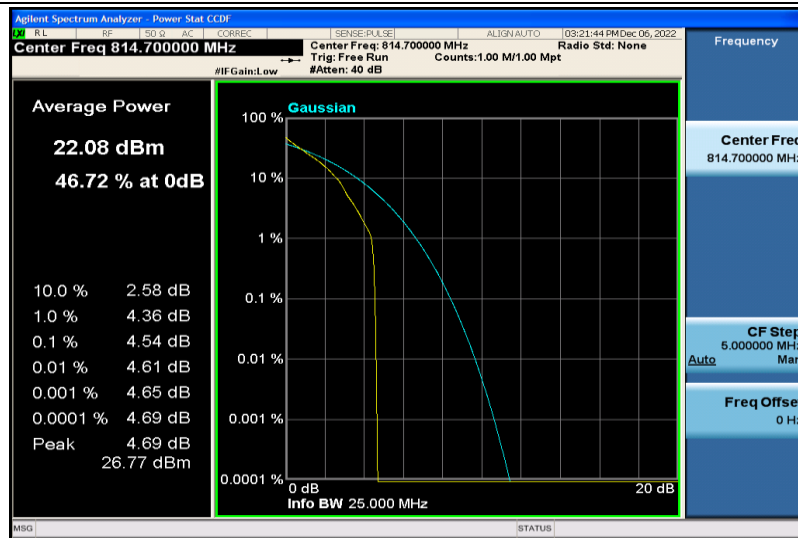
## 8.2 Appendix B: Peak-to-Average Ratio(CCDF)

### Test Result

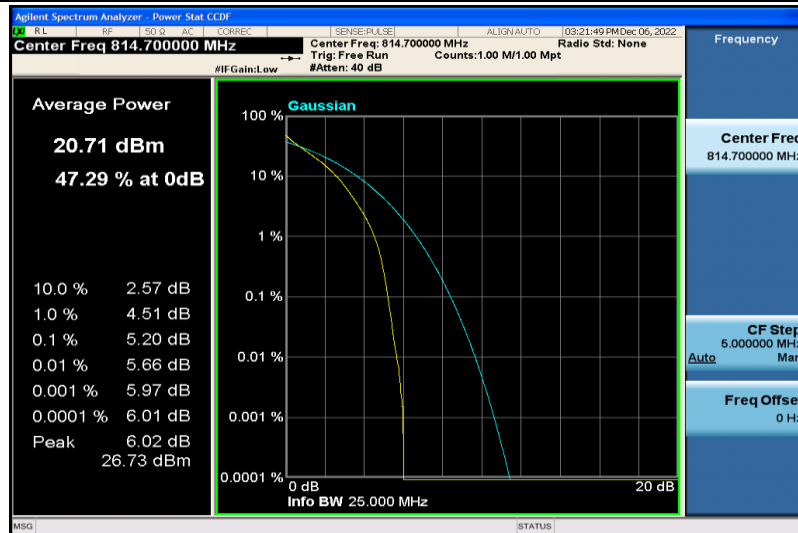
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band26 | 1.4MHz    | QPSK       | 26697   | 1RB#0            | 4.54       | 13        | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 6RB#0            | 5.20       | 13        | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 1RB#0            | 4.79       | 13        | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 6RB#0            | 5.42       | 13        | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 1RB#0            | 4.97       | 13        | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 6RB#0            | 5.51       | 13        | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 1RB#0            | 4.41       | 13        | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 6RB#0            | 5.38       | 13        | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 1RB#0            | 5.12       | 13        | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 6RB#0            | 5.85       | 13        | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26783   | 1RB#0            | 5.26       | 13        | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26783   | 6RB#0            | 5.79       | 13        | PASS    |
| Band26 | 3MHz      | QPSK       | 26705   | 1RB#0            | 4.61       | 13        | PASS    |
| Band26 | 3MHz      | QPSK       | 26705   | 15RB#0           | 5.30       | 13        | PASS    |
| Band26 | 3MHz      | QPSK       | 26740   | 1RB#0            | 4.77       | 13        | PASS    |
| Band26 | 3MHz      | QPSK       | 26740   | 15RB#0           | 5.45       | 13        | PASS    |
| Band26 | 3MHz      | QPSK       | 26775   | 1RB#0            | 4.96       | 13        | PASS    |
| Band26 | 3MHz      | QPSK       | 26775   | 15RB#0           | 5.61       | 13        | PASS    |
| Band26 | 3MHz      | 16QAM      | 26705   | 1RB#0            | 4.31       | 13        | PASS    |
| Band26 | 3MHz      | 16QAM      | 26705   | 15RB#0           | 5.49       | 13        | PASS    |
| Band26 | 3MHz      | 16QAM      | 26740   | 1RB#0            | 4.84       | 13        | PASS    |
| Band26 | 3MHz      | 16QAM      | 26740   | 15RB#0           | 5.91       | 13        | PASS    |
| Band26 | 3MHz      | 16QAM      | 26775   | 1RB#0            | 5.12       | 13        | PASS    |
| Band26 | 3MHz      | 16QAM      | 26775   | 15RB#0           | 5.98       | 13        | PASS    |
| Band26 | 5MHz      | QPSK       | 26715   | 1RB#0            | 4.60       | 13        | PASS    |
| Band26 | 5MHz      | QPSK       | 26715   | 25RB#0           | 5.30       | 13        | PASS    |
| Band26 | 5MHz      | QPSK       | 26740   | 1RB#0            | 4.68       | 13        | PASS    |
| Band26 | 5MHz      | QPSK       | 26740   | 25RB#0           | 5.47       | 13        | PASS    |
| Band26 | 5MHz      | QPSK       | 26765   | 1RB#0            | 4.79       | 13        | PASS    |
| Band26 | 5MHz      | QPSK       | 26765   | 25RB#0           | 5.55       | 13        | PASS    |
| Band26 | 5MHz      | 16QAM      | 26715   | 1RB#0            | 4.35       | 13        | PASS    |
| Band26 | 5MHz      | 16QAM      | 26715   | 25RB#0           | 5.62       | 13        | PASS    |
| Band26 | 5MHz      | 16QAM      | 26740   | 1RB#0            | 4.67       | 13        | PASS    |
| Band26 | 5MHz      | 16QAM      | 26740   | 25RB#0           | 5.86       | 13        | PASS    |
| Band26 | 5MHz      | 16QAM      | 26765   | 1RB#0            | 5.01       | 13        | PASS    |
| Band26 | 5MHz      | 16QAM      | 26765   | 25RB#0           | 5.96       | 13        | PASS    |
| Band26 | 10MHz     | QPSK       | 26740   | 1RB#0            | 4.57       | 13        | PASS    |
| Band26 | 10MHz     | QPSK       | 26740   | 50RB#0           | 5.38       | 13        | PASS    |

|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band26 | 10MHz | 16QAM | 26740 | 1RB#0  | 4.35 | 13 | PASS |
| Band26 | 10MHz | 16QAM | 26740 | 25RB#0 | 5.61 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 1RB#0  | 4.56 | 13 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 75RB#0 | 5.68 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 1RB#0  | 4.67 | 13 | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 25RB#0 | 5.68 | 13 | PASS |

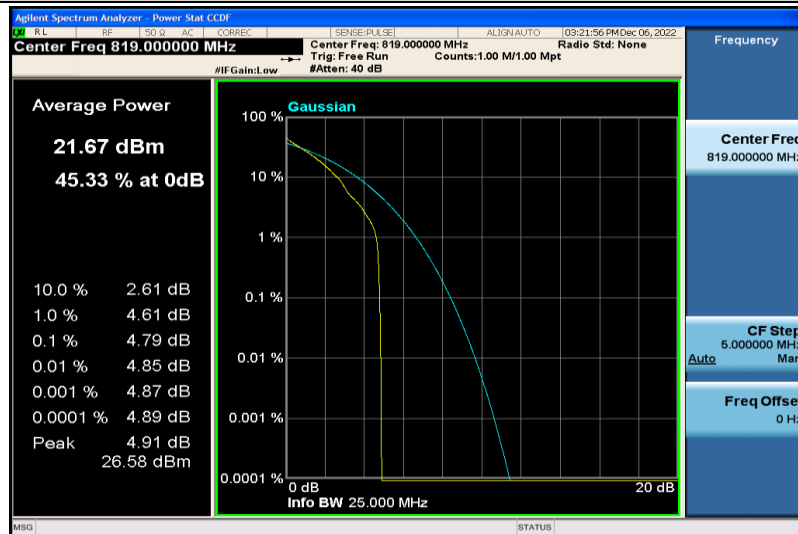
## Test Graphs



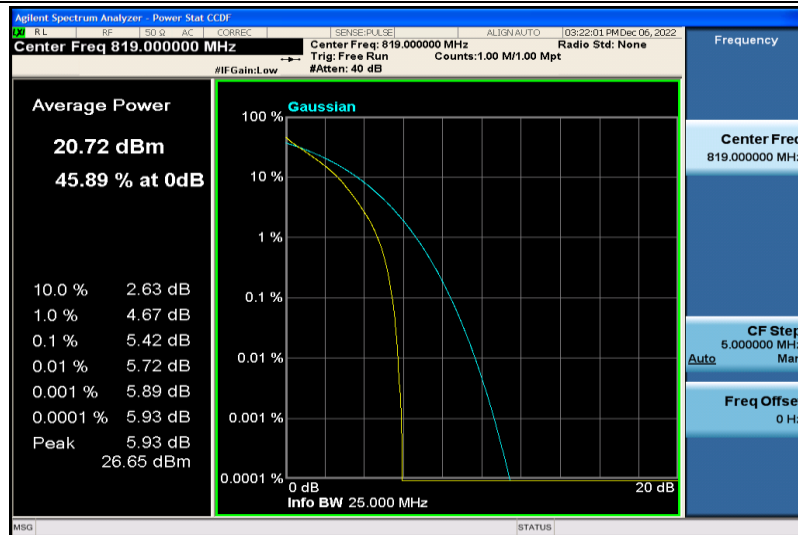
Band26-1.4MHz-QPSK-26697-1RB#0



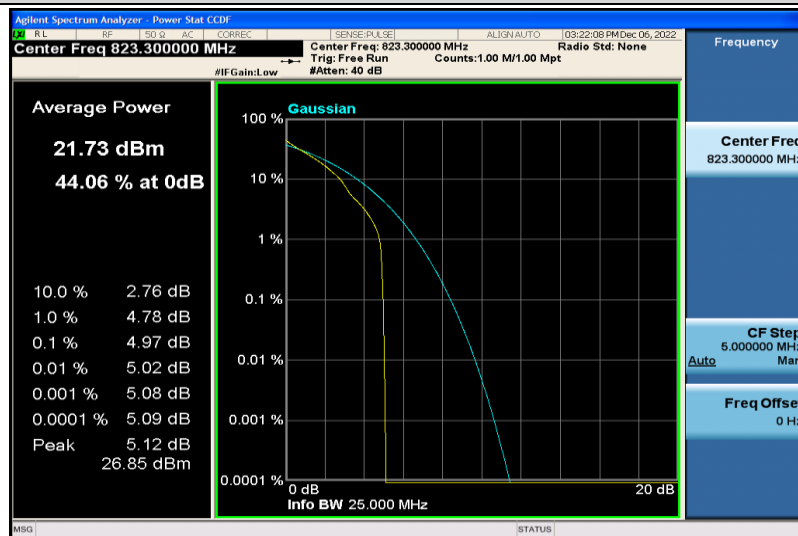
Band26-1.4MHz-QPSK-26697-6RB#0



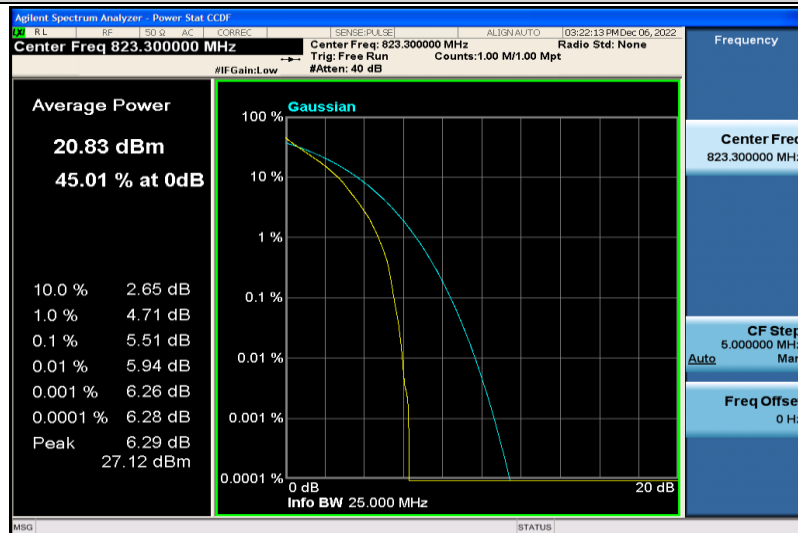
Band26-1.4MHz-QPSK-26740-1RB#0



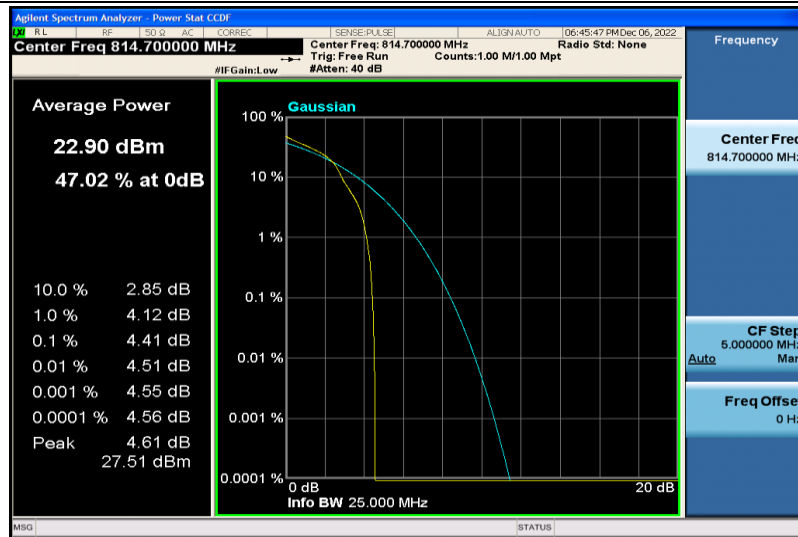
Band26-1.4MHz-QPSK-26740-6RB#0



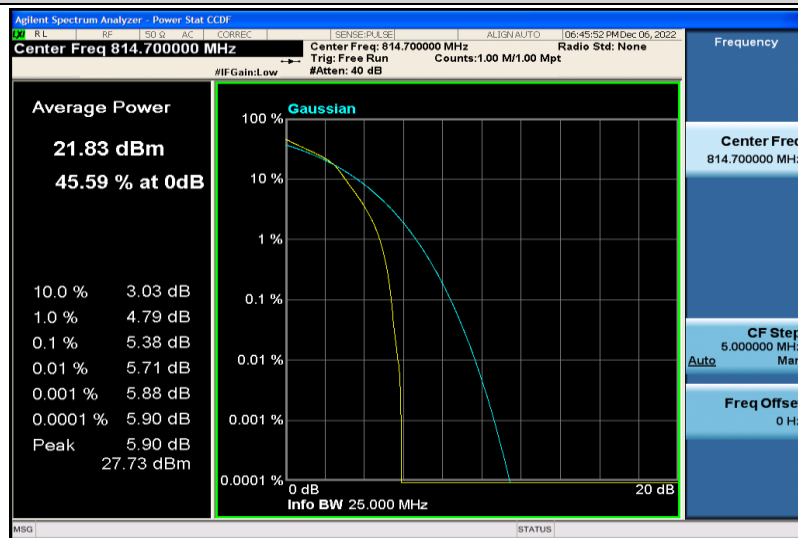
Band26-1.4MHz-QPSK-26783-1RB#0



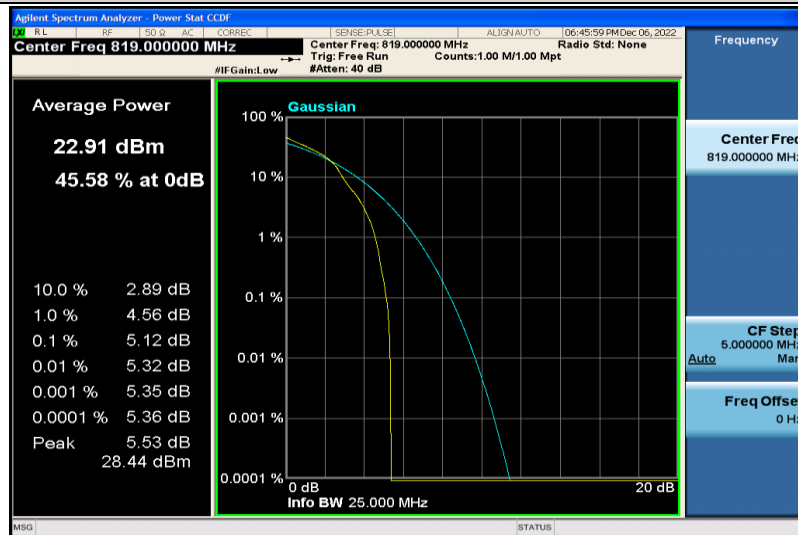
Band26-1.4MHz-QPSK-26783-6RB#0



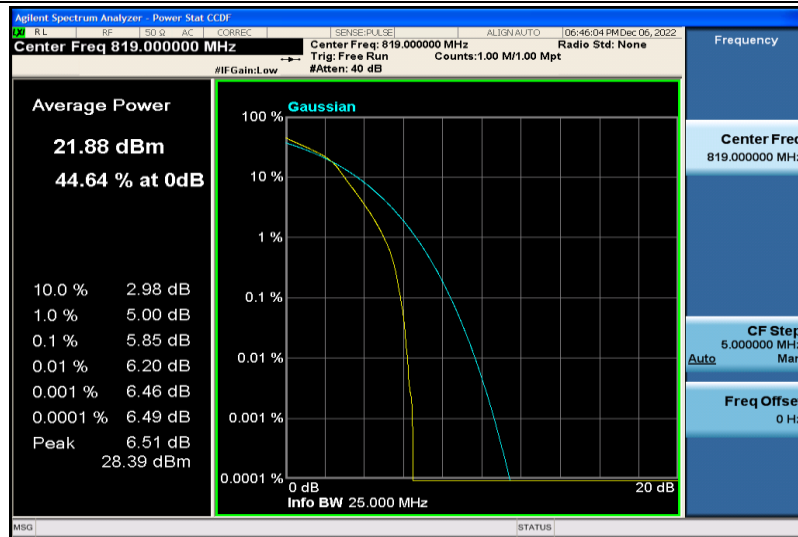
Band26-1.4MHz-16QAM-26697-1RB#0



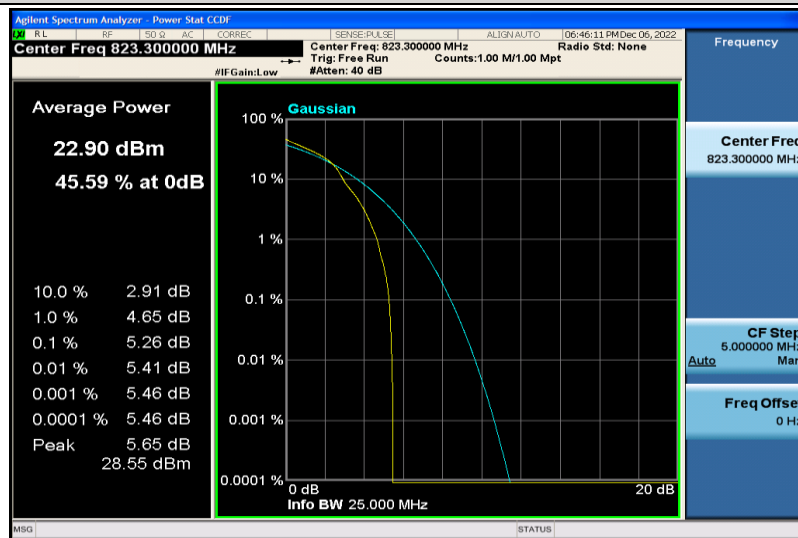
Band26-1.4MHz-16QAM-26697-6RB#0



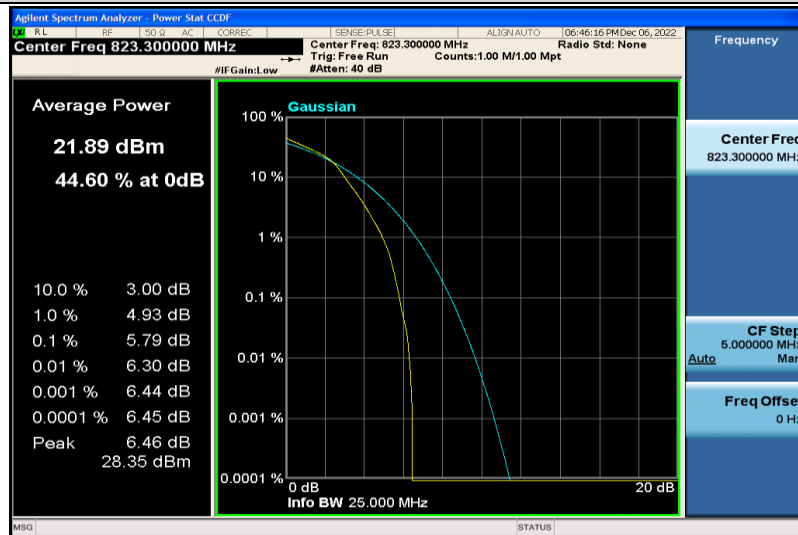
Band26-1.4MHz-16QAM-26740-1RB#0



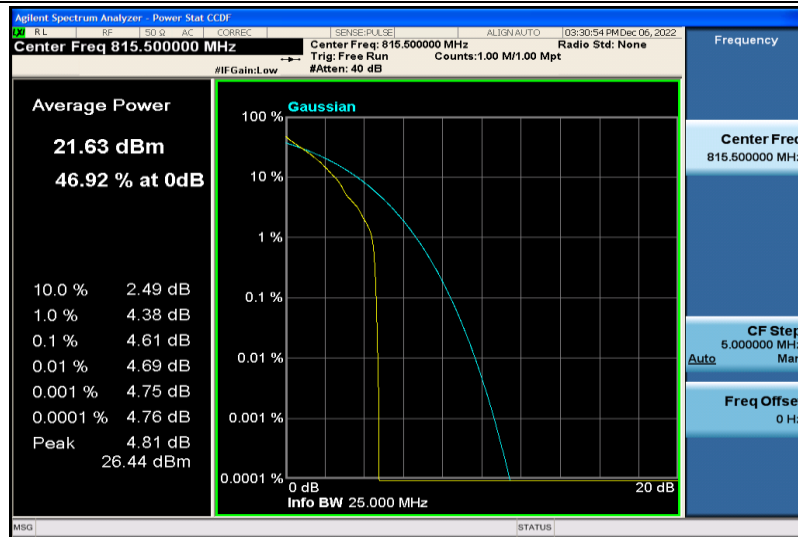
Band26-1.4MHz-16QAM-26740-6RB#0



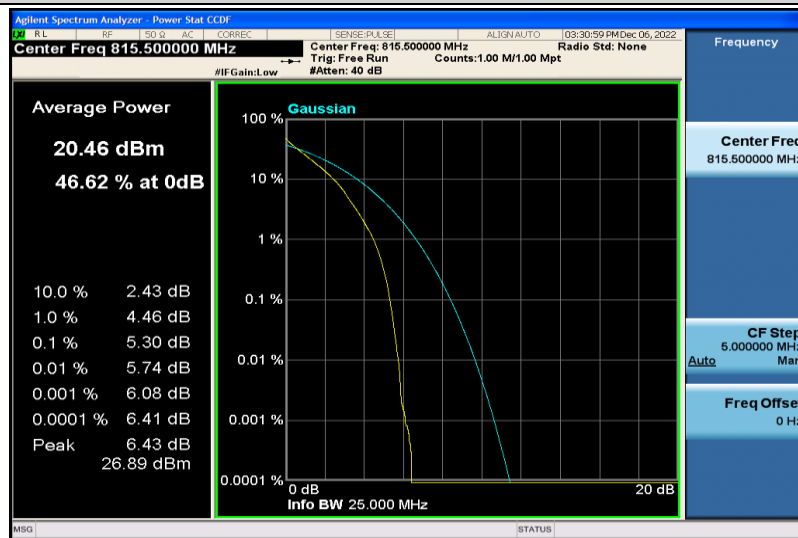
Band26-1.4MHz-16QAM-26783-1RB#0



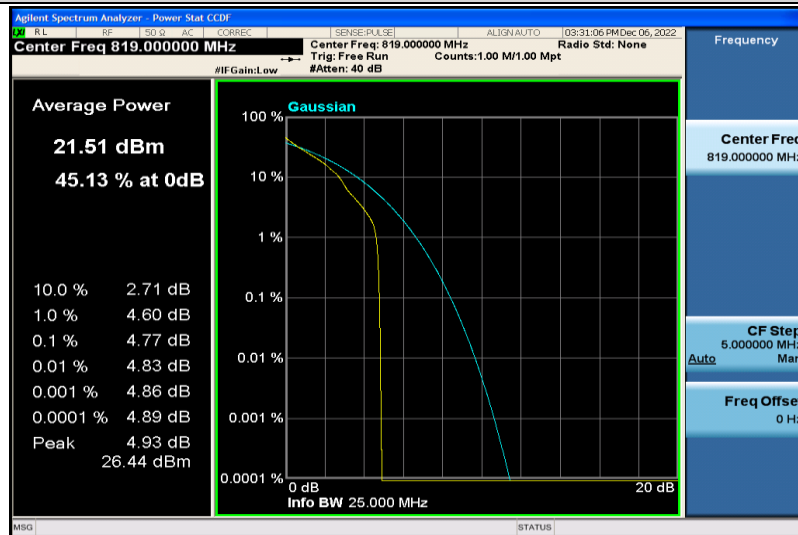
Band26-1.4MHz-16QAM-26783-6RB#0



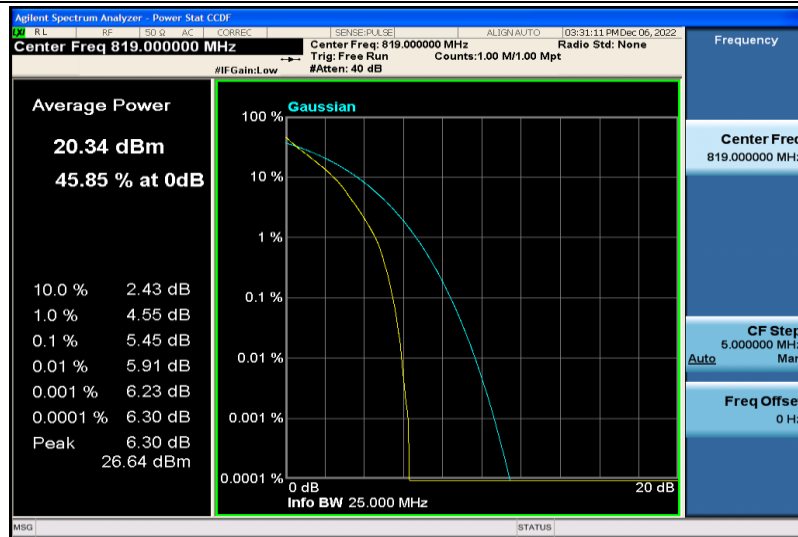
Band26-3MHz-QPSK-26705-1RB#0



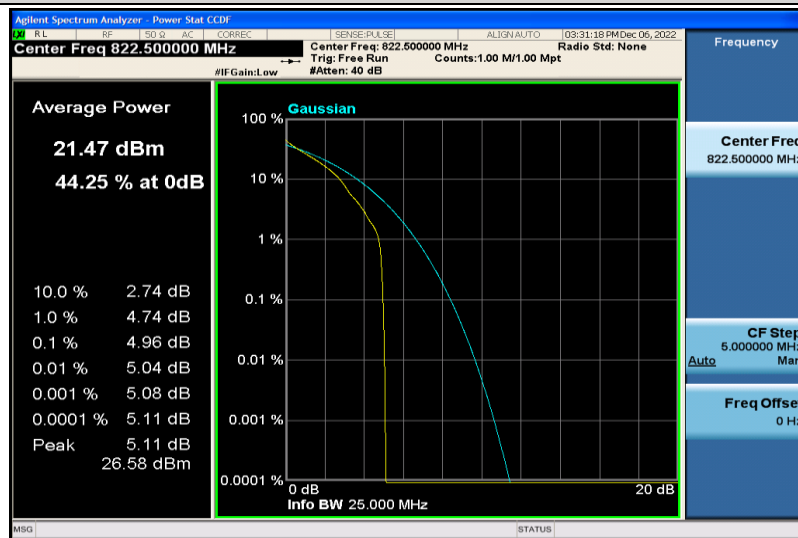
Band26-3MHz-QPSK-26705-15RB#0



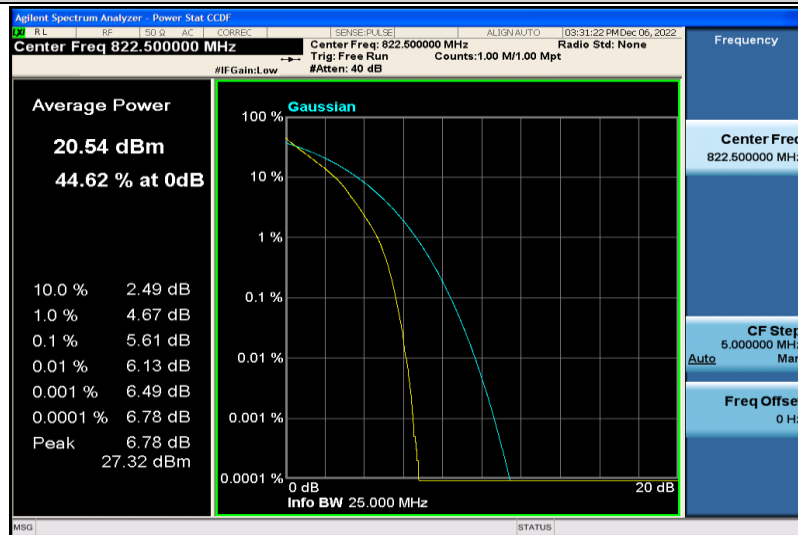
Band26-3MHz-QPSK-26740-1RB#0



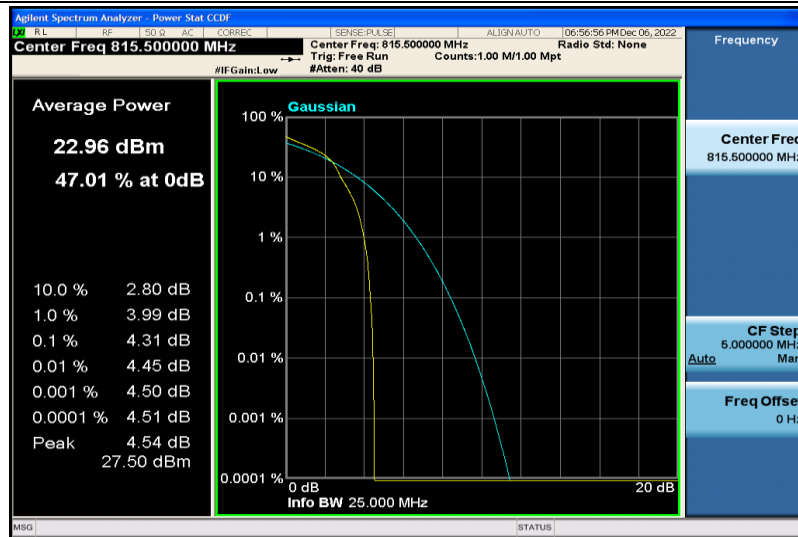
Band26-3MHz-QPSK-26740-15RB#0



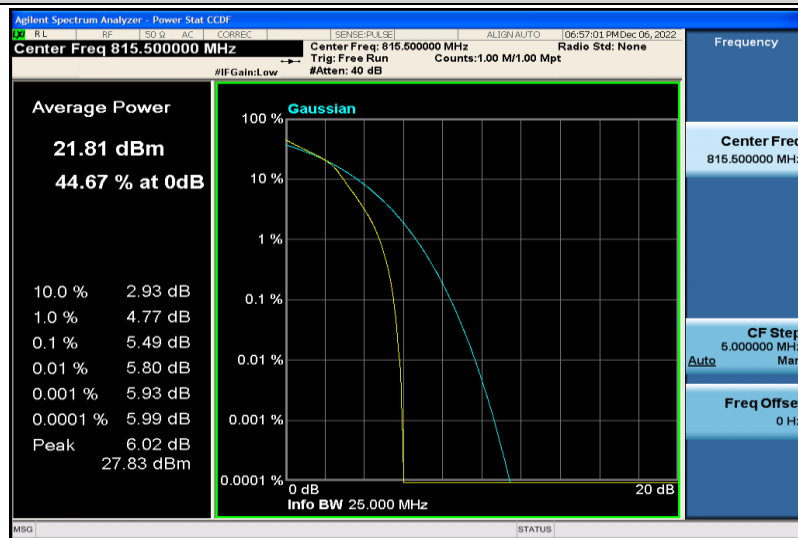
Band26-3MHz-QPSK-26775-1RB#0



Band26-3MHz-QPSK-26775-15RB#0



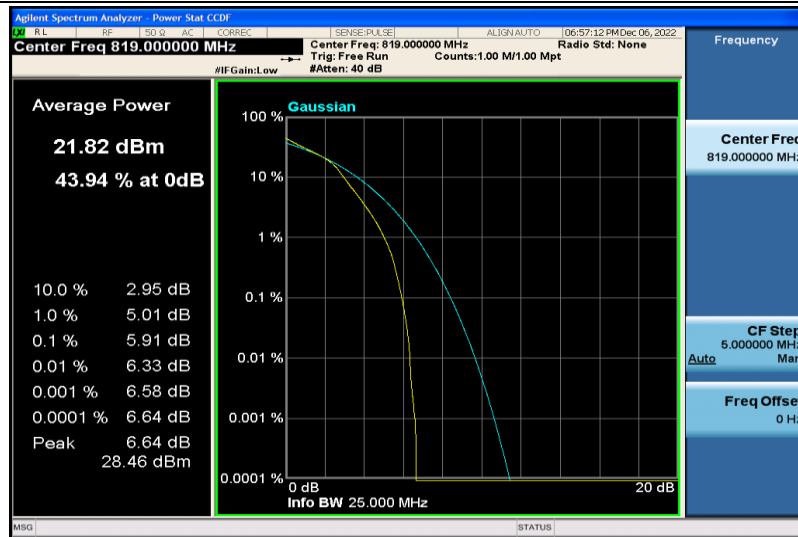
Band26-3MHz-16QAM-26705-1RB#0



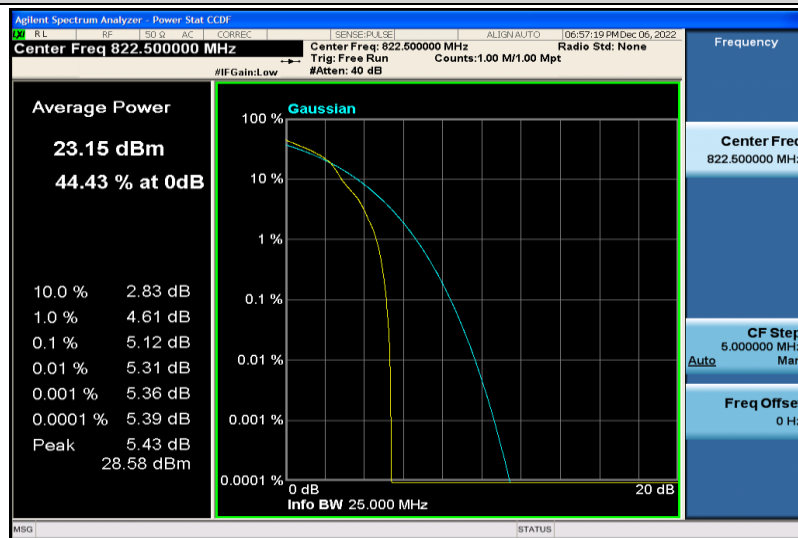
Band26-3MHz-16QAM-26705-15RB#0



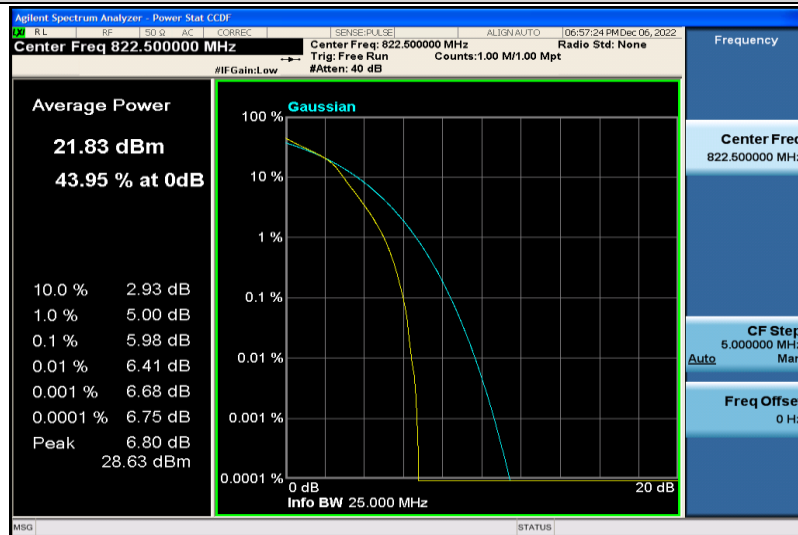
Band26-3MHz-16QAM-26740-1RB#0



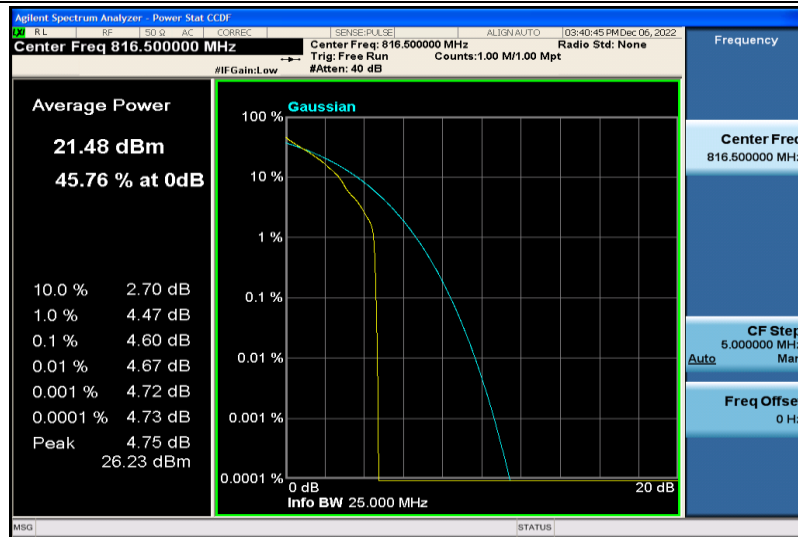
Band26-3MHz-16QAM-26740-15RB#0



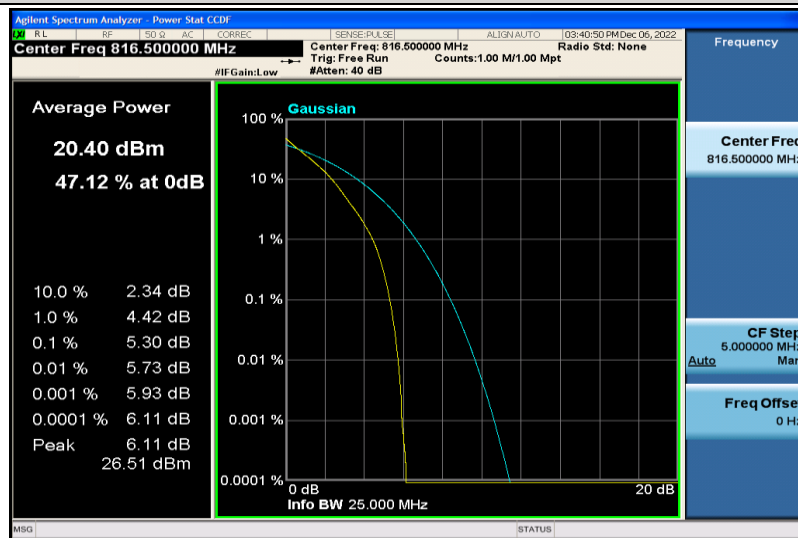
Band26-3MHz-16QAM-26775-1RB#0



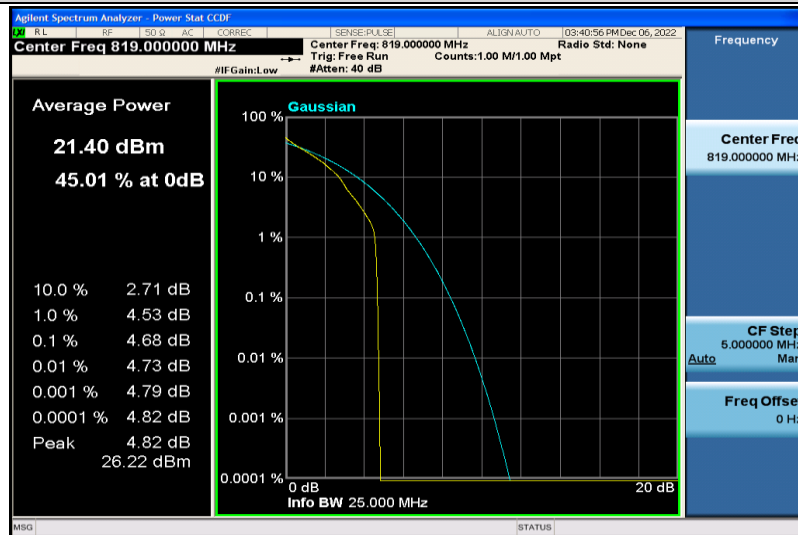
Band26-3MHz-16QAM-26775-15RB#0



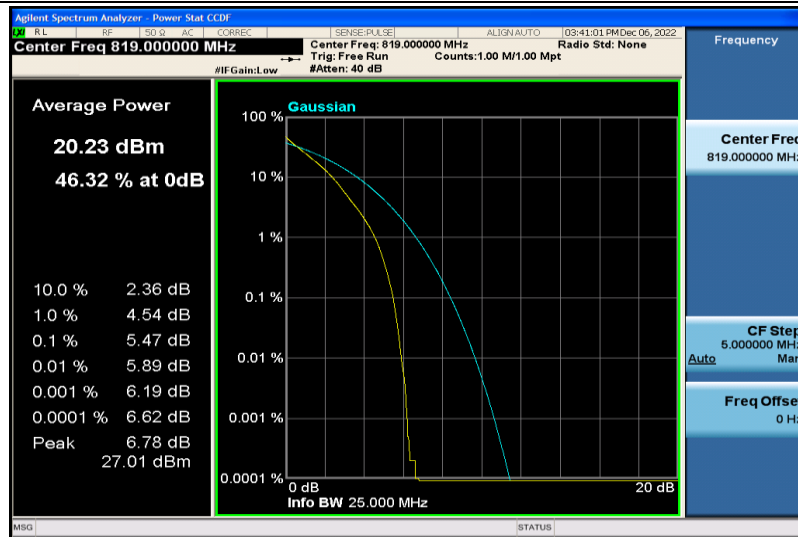
Band26-5MHz-QPSK-26715-1RB#0



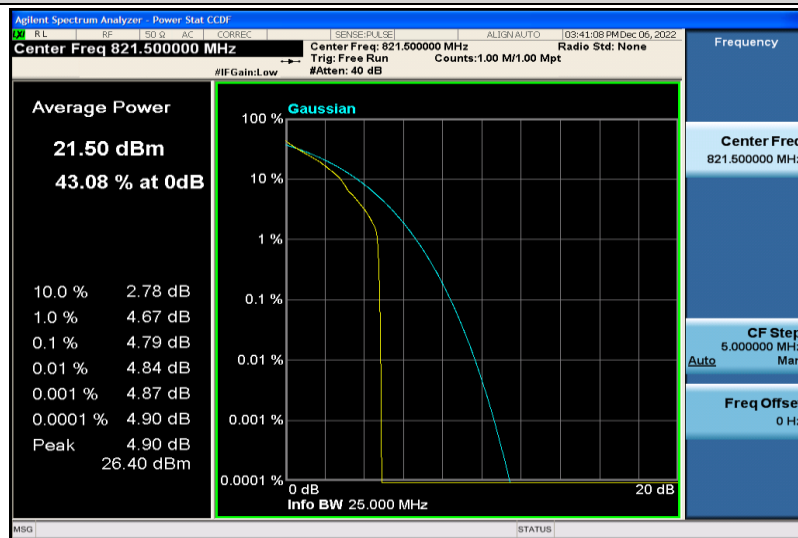
Band26-5MHz-QPSK-26715-25RB#0



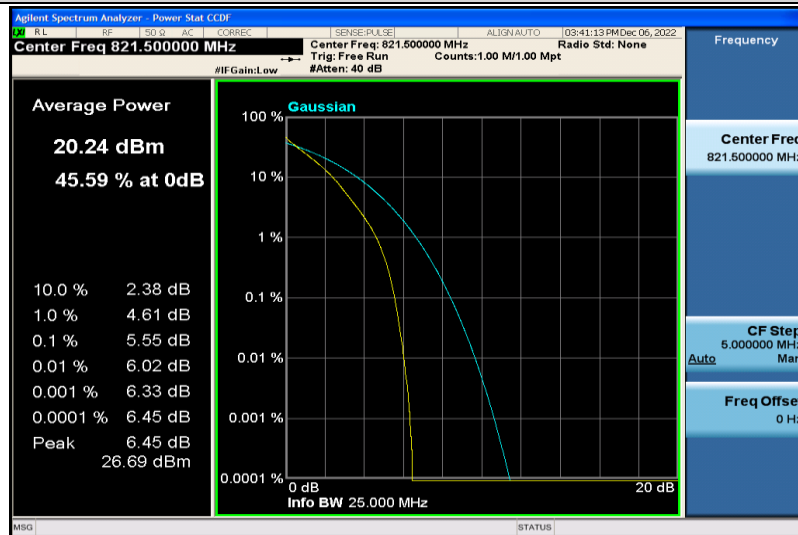
Band26-5MHz-QPSK-26740-1RB#0



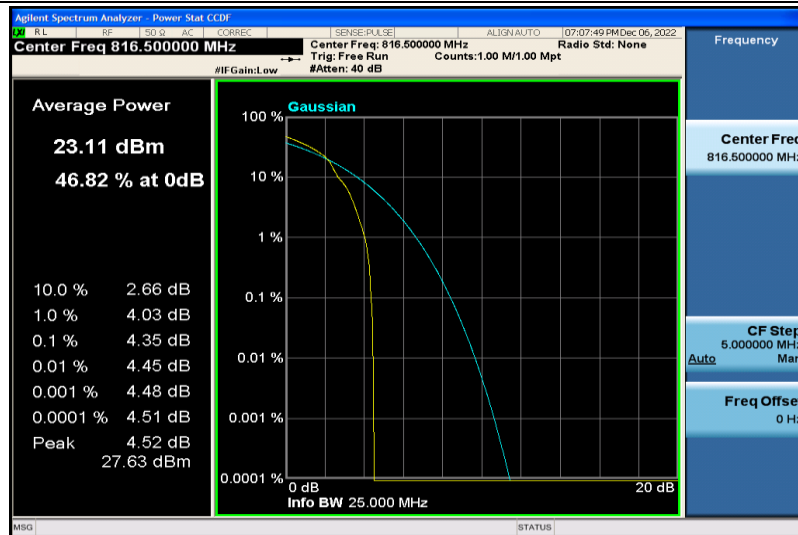
Band26-5MHz-QPSK-26740-25RB#0



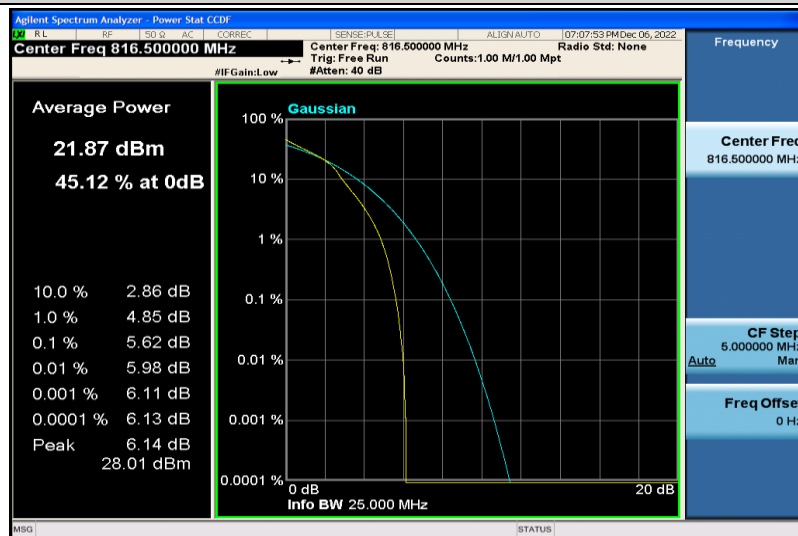
Band26-5MHz-QPSK-26765-1RB#0



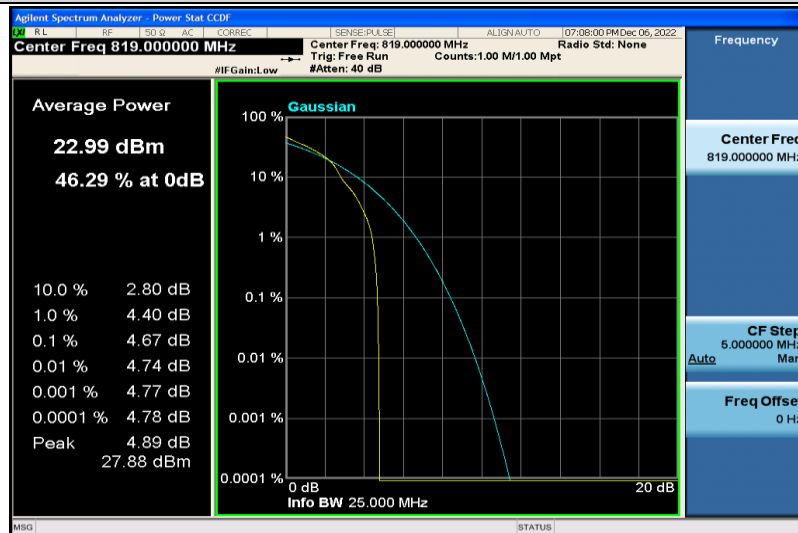
Band26-5MHz-QPSK-26765-25RB#0



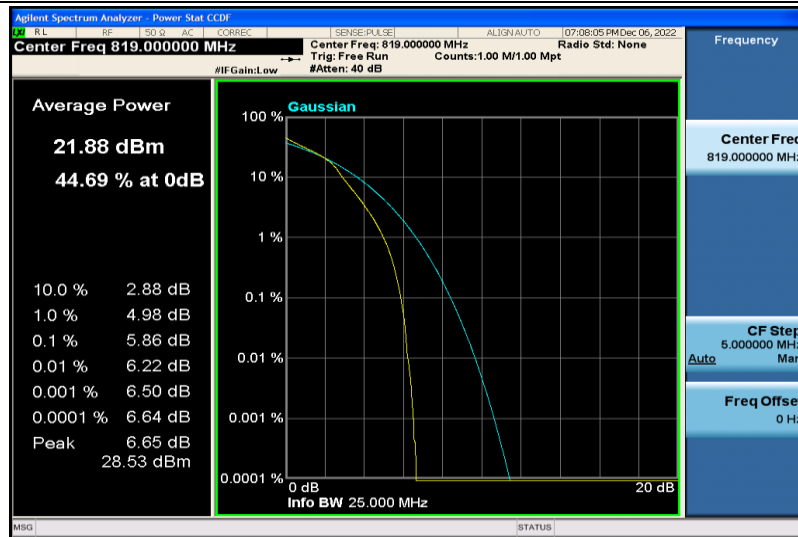
Band26-5MHz-16QAM-26715-1RB#0



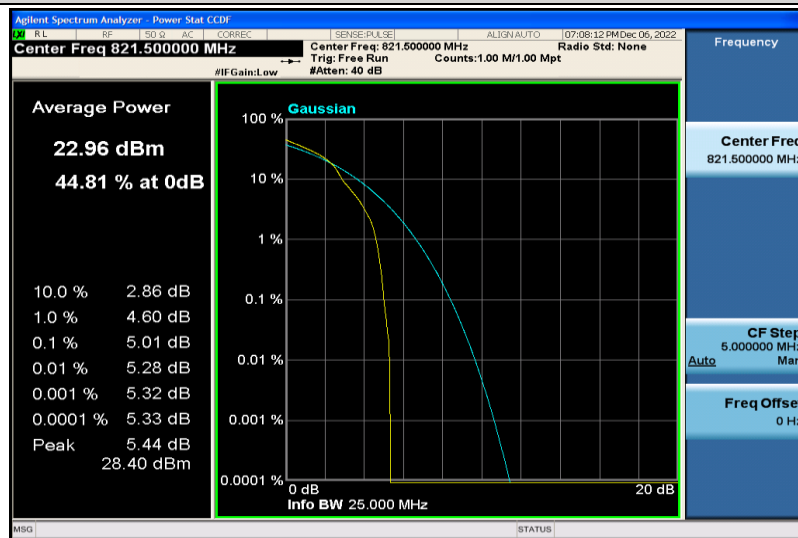
Band26-5MHz-16QAM-26715-25RB#0



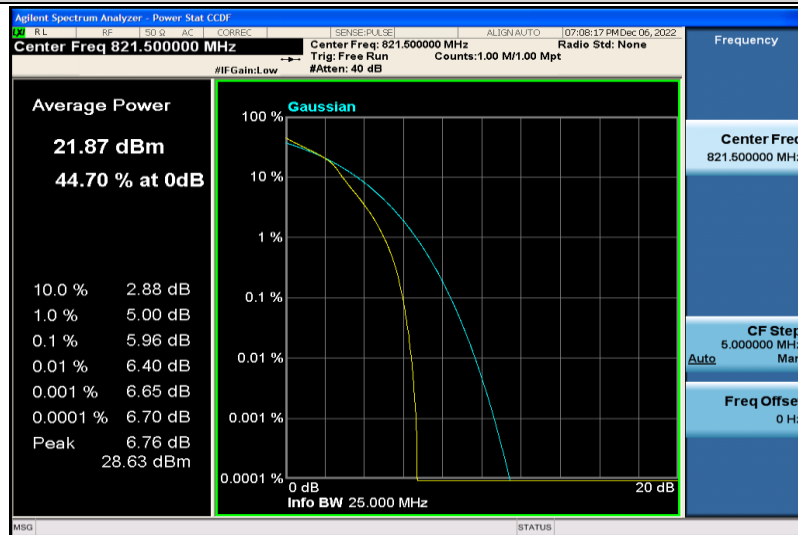
Band26-5MHz-16QAM-26740-1RB#0



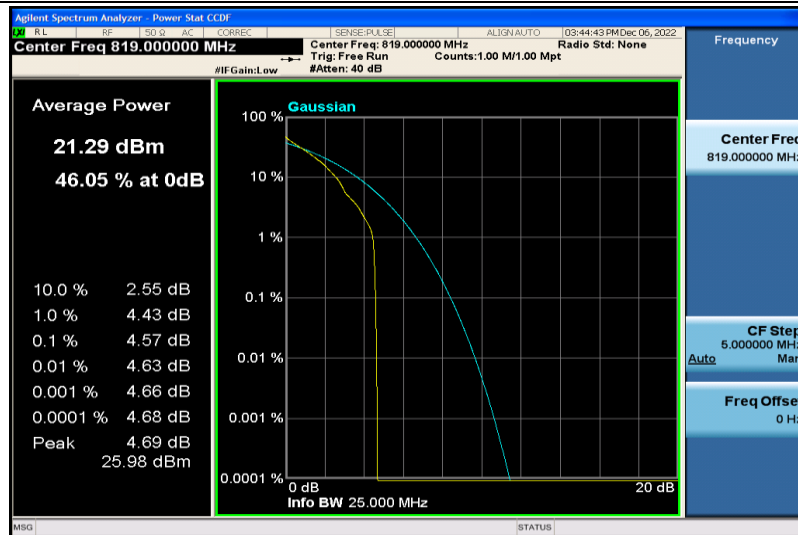
Band26-5MHz-16QAM-26740-25RB#0



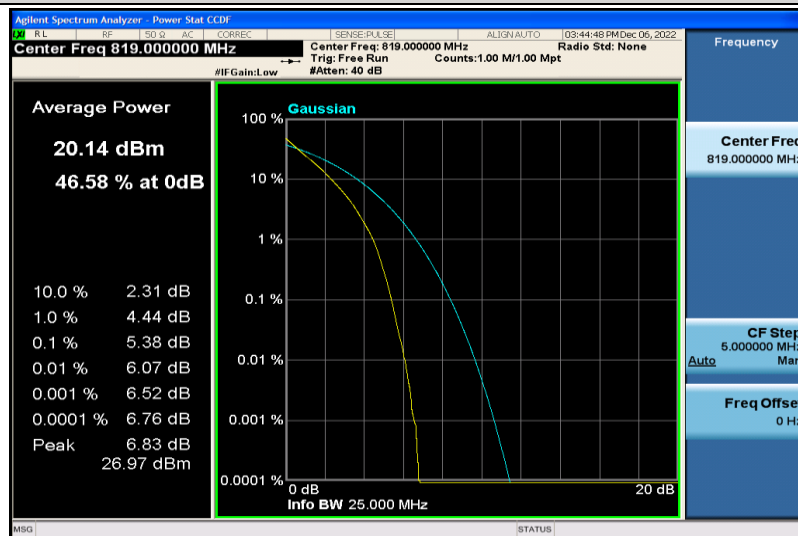
Band26-5MHz-16QAM-26765-1RB#0



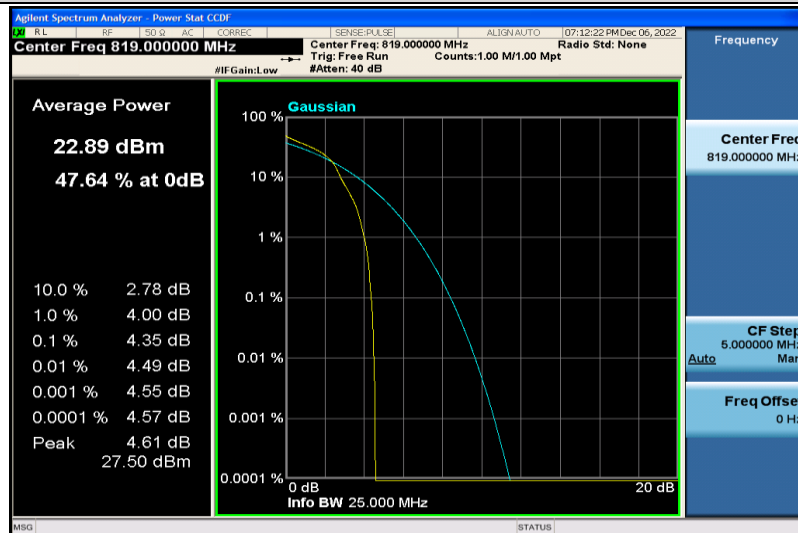
Band26-5MHz-16QAM-26765-25RB#0



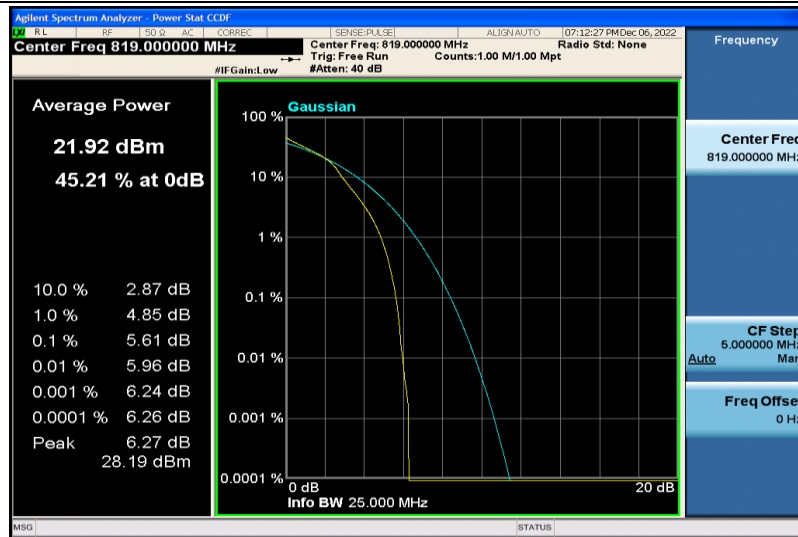
Band26-10MHz-QPSK-26740-1RB#0



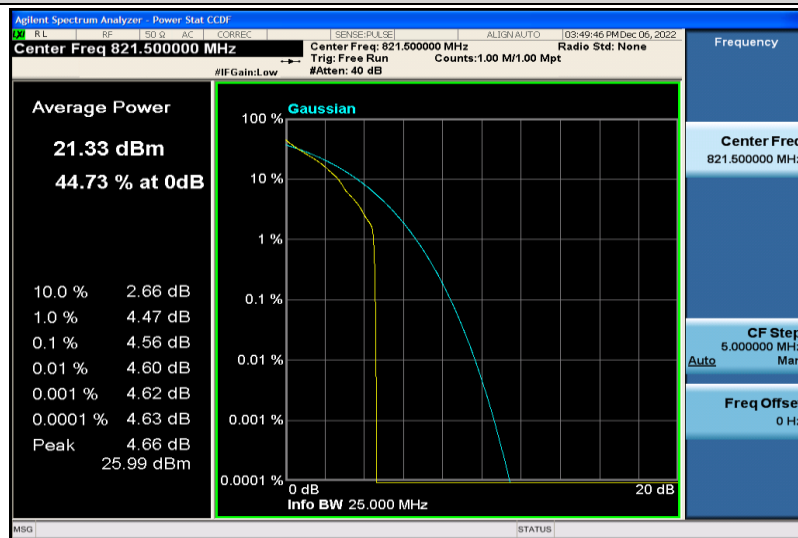
Band26-10MHz-QPSK-26740-50RB#0



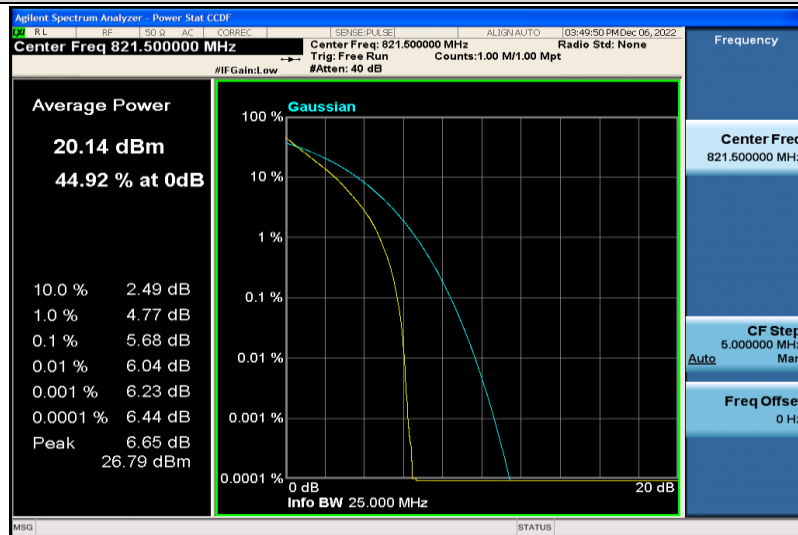
Band26-10MHz-16QAM-26740-1RB#0



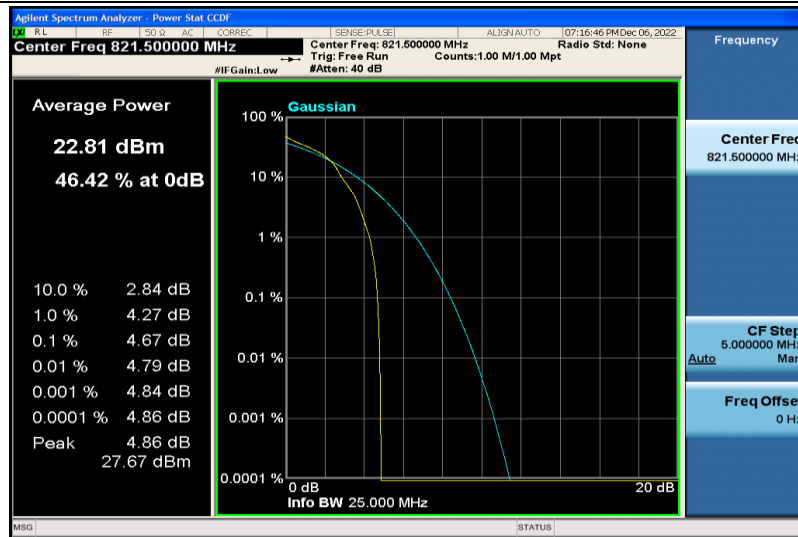
Band26-10MHz-16QAM-26740-25RB#0



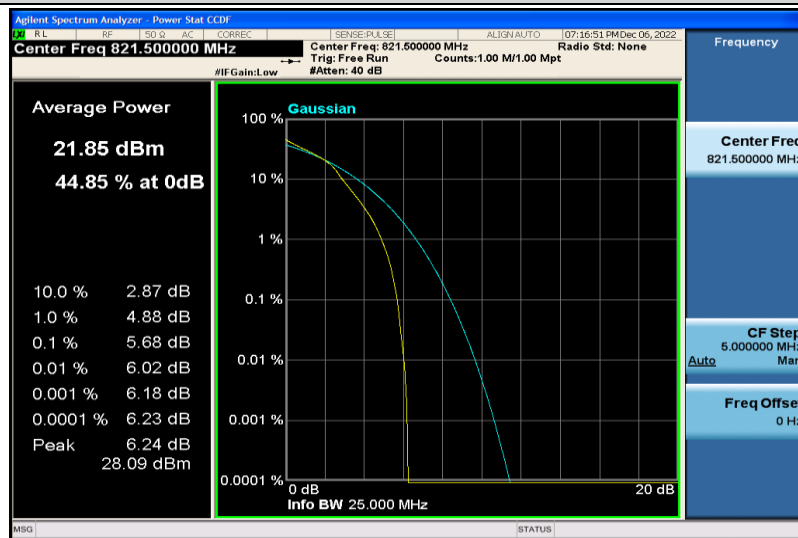
Band26-15MHz-QPSK-26765-1RB#0



Band26-15MHz-QPSK-26765-75RB#0



Band26-15MHz-16QAM-26765-1RB#0



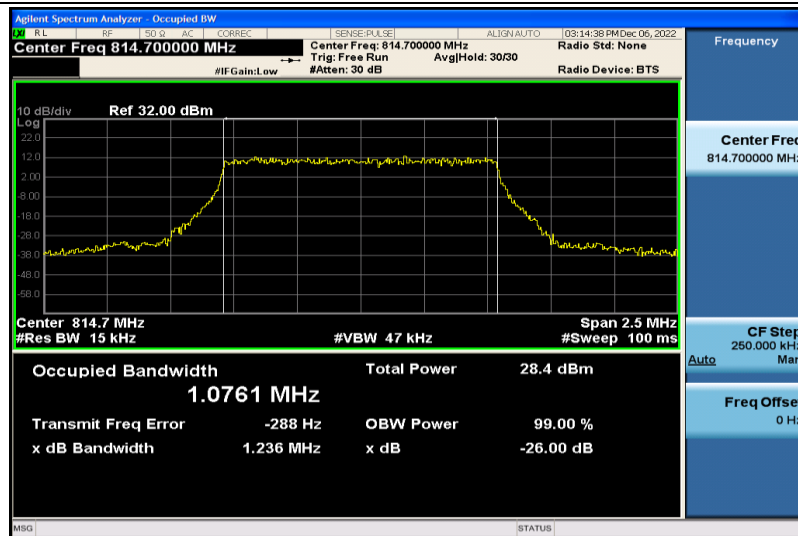
Band26-15MHz-16QAM-26765-25RB#0

### 8.3 Appendix C: 26dB Bandwidth and Occupied Bandwidth

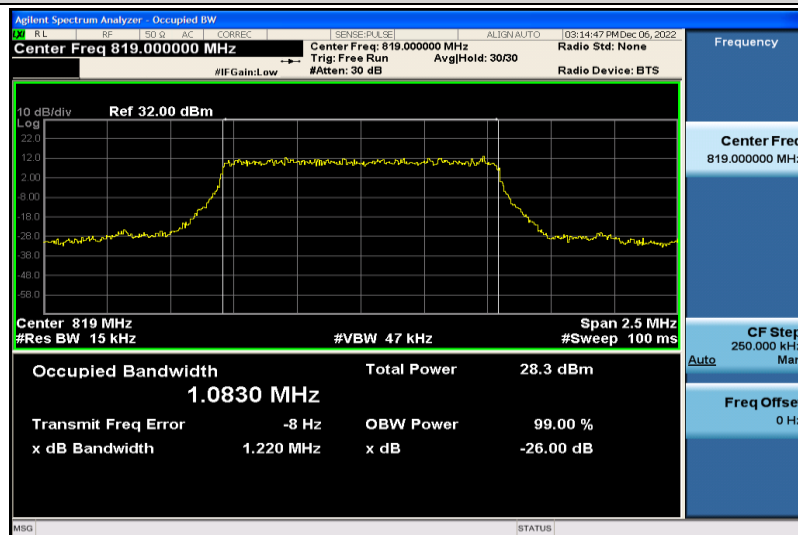
#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band26 | 1.4MHz    | QPSK       | 26697   | 6RB#0            | 1.0761                   | 1.236                | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 6RB#0            | 1.0830                   | 1.220                | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 6RB#0            | 1.0797                   | 1.251                | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 6RB#0            | 1.0780                   | 1.236                | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 6RB#0            | 1.0756                   | 1.218                | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26783   | 6RB#0            | 1.0782                   | 1.257                | PASS    |
| Band26 | 3MHz      | QPSK       | 26705   | 15RB#0           | 2.6812                   | 2.939                | PASS    |
| Band26 | 3MHz      | QPSK       | 26740   | 15RB#0           | 2.6915                   | 2.921                | PASS    |
| Band26 | 3MHz      | QPSK       | 26775   | 15RB#0           | 2.6840                   | 2.919                | PASS    |
| Band26 | 3MHz      | 16QAM      | 26705   | 15RB#0           | 2.6754                   | 2.858                | PASS    |
| Band26 | 3MHz      | 16QAM      | 26740   | 15RB#0           | 2.6780                   | 2.870                | PASS    |
| Band26 | 3MHz      | 16QAM      | 26775   | 15RB#0           | 2.6718                   | 2.846                | PASS    |
| Band26 | 5MHz      | QPSK       | 26715   | 25RB#0           | 4.4679                   | 4.889                | PASS    |
| Band26 | 5MHz      | QPSK       | 26740   | 25RB#0           | 4.4779                   | 4.902                | PASS    |
| Band26 | 5MHz      | QPSK       | 26765   | 25RB#0           | 4.4838                   | 4.938                | PASS    |
| Band26 | 5MHz      | 16QAM      | 26715   | 25RB#0           | 4.4702                   | 4.852                | PASS    |
| Band26 | 5MHz      | 16QAM      | 26740   | 25RB#0           | 4.4750                   | 4.843                | PASS    |
| Band26 | 5MHz      | 16QAM      | 26765   | 25RB#0           | 4.4698                   | 4.788                | PASS    |
| Band26 | 10MHz     | QPSK       | 26740   | 50RB#0           | 8.9319                   | 9.739                | PASS    |
| Band26 | 10MHz     | 16QAM      | 26740   | 25RB#0           | 4.5330                   | 5.297                | PASS    |
| Band26 | 15MHz     | QPSK       | 26765   | 75RB#0           | 13.435                   | 14.53                | PASS    |
| Band26 | 15MHz     | 16QAM      | 26765   | 25RB#0           | 4.6065                   | 5.656                | PASS    |

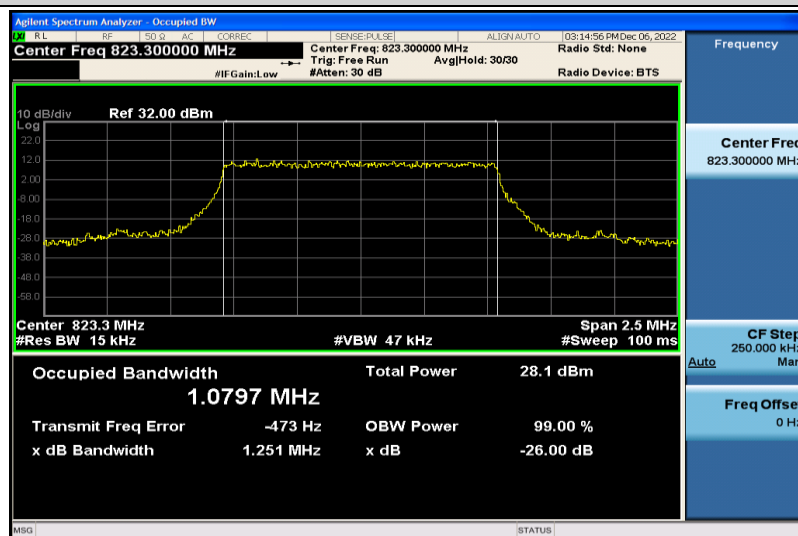
## Test Graphs



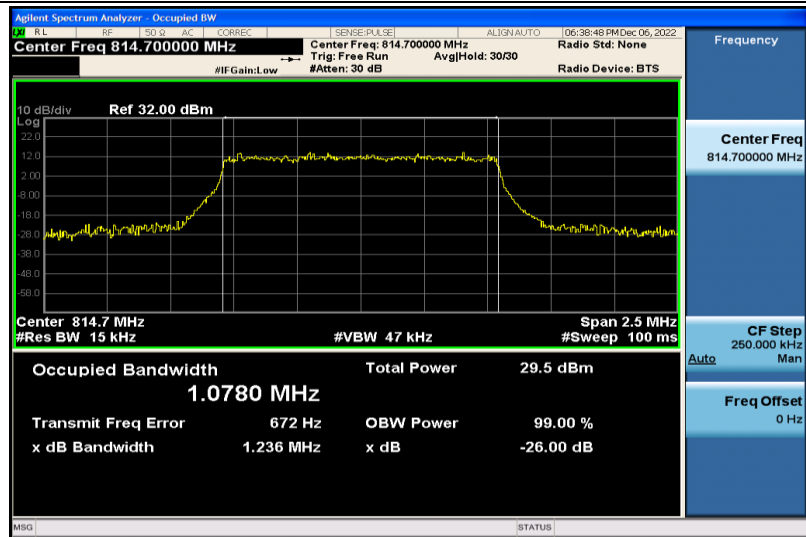
Band26-1.4MHz-QPSK-26697-6RB#0-1.0761



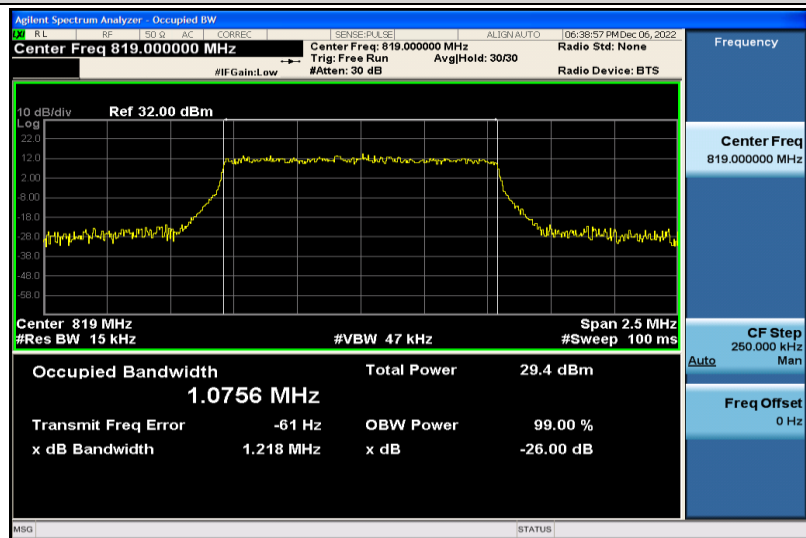
Band26-1.4MHz-QPSK-26740-6RB#0-1.0830



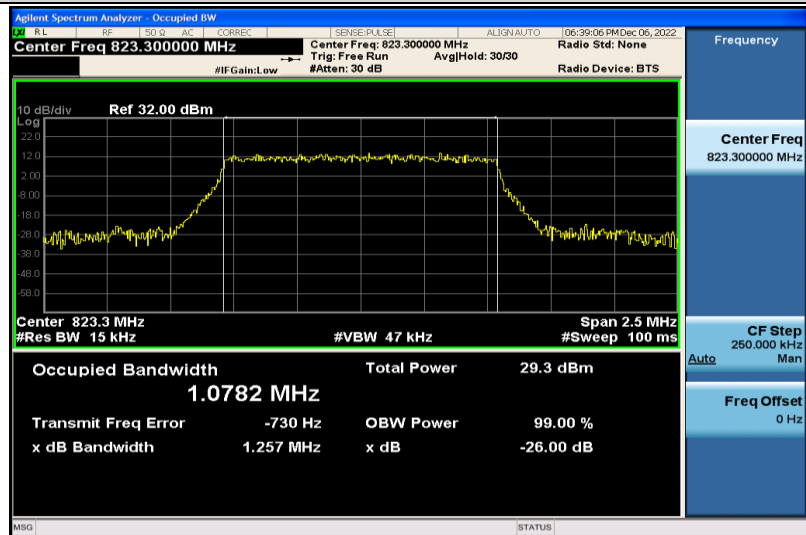
Band26-1.4MHz-QPSK-26783-6RB#0-1.0797



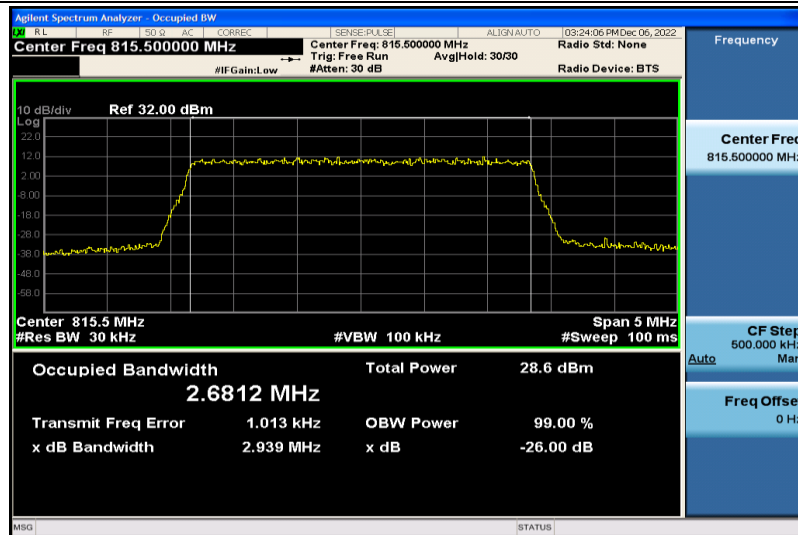
Band26-1.4MHz-16QAM-26697-6RB#0-1.0780



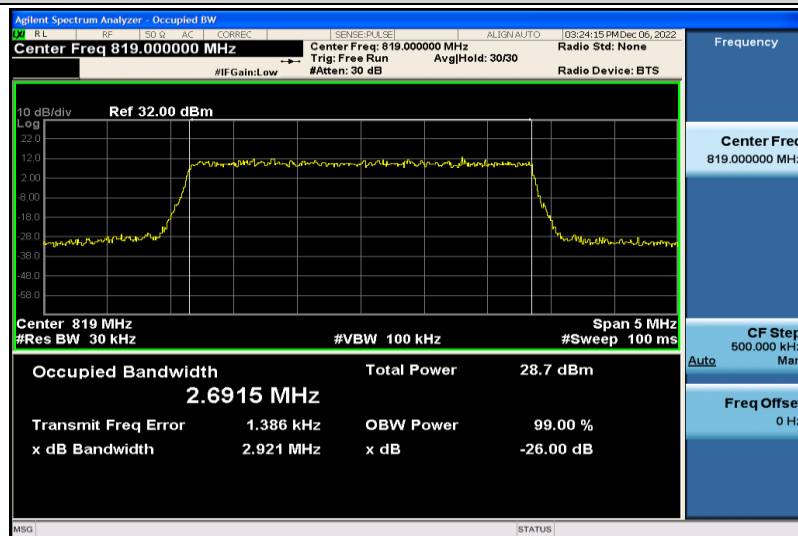
Band26-1.4MHz-16QAM-26740-6RB#0-1.0756



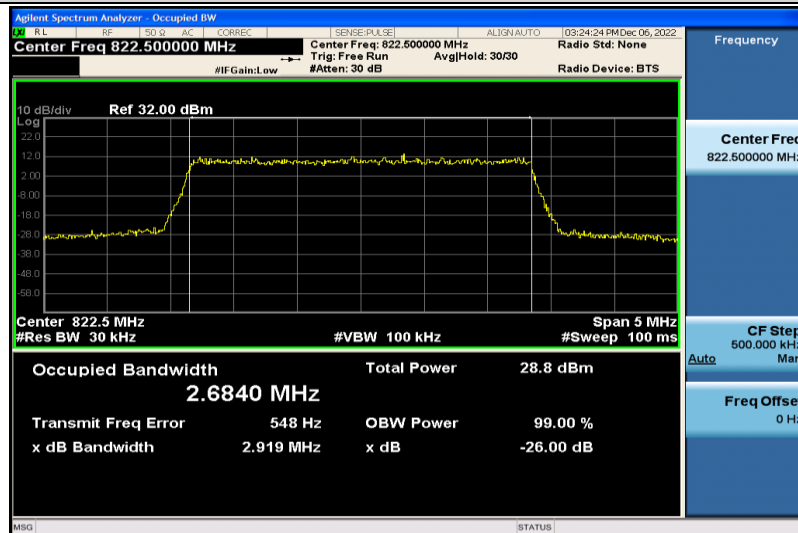
Band26-1.4MHz-16QAM-26783-6RB#0-1.0782



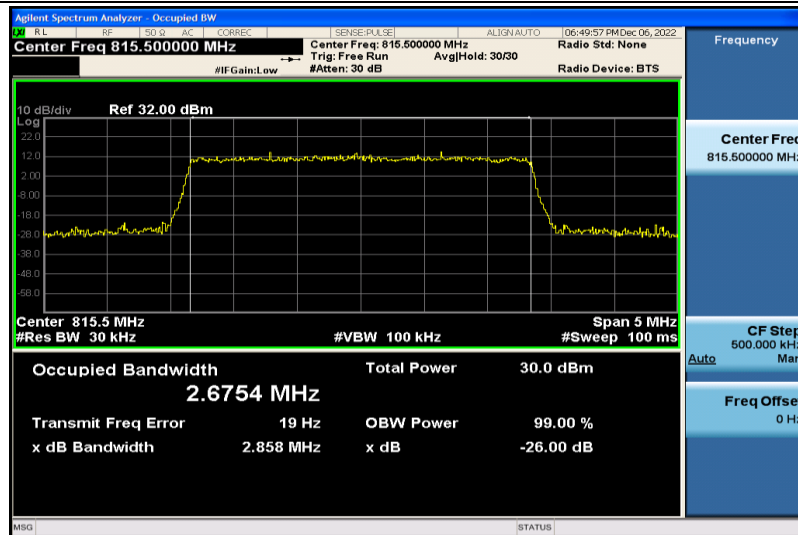
Band26-3MHz-QPSK-26705-15RB#0-2.6812



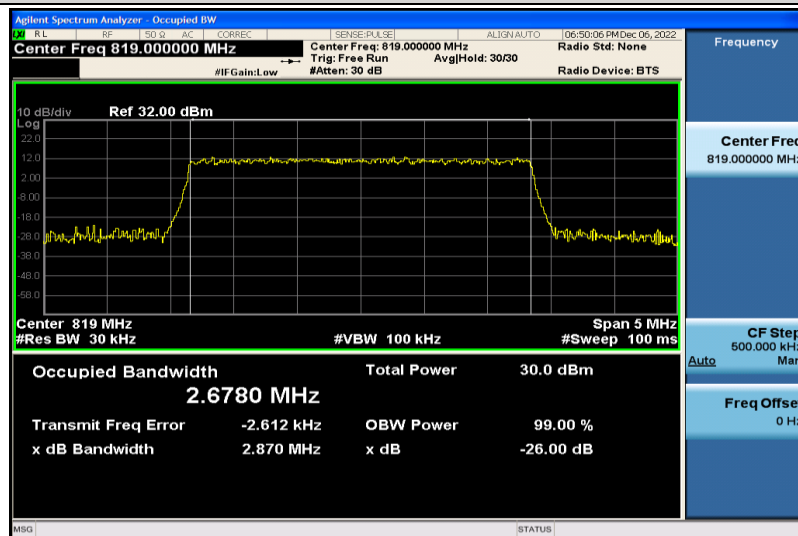
Band26-3MHz-QPSK-26740-15RB#0-2.6915



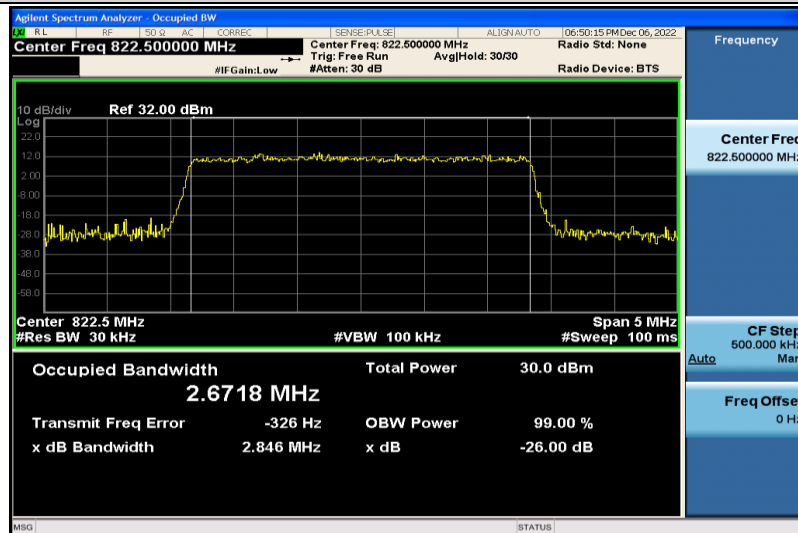
Band26-3MHz-QPSK-26775-15RB#0-2.6840



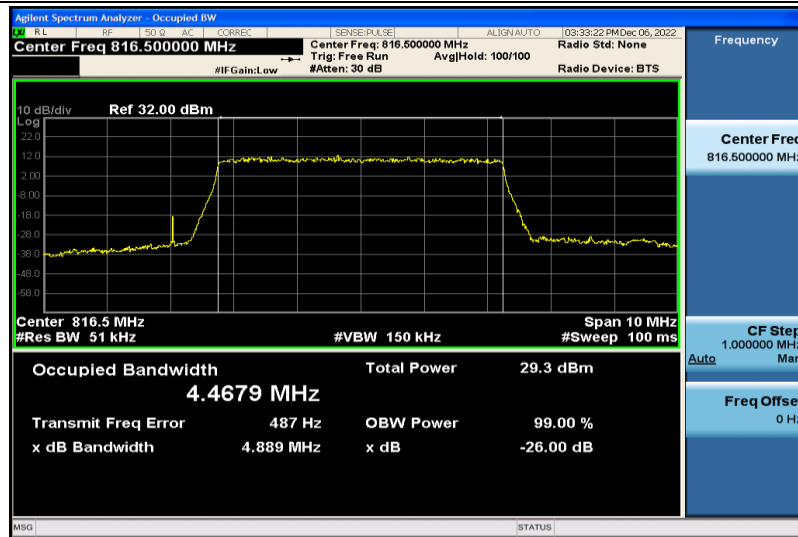
Band26-3MHz-16QAM-26705-15RB#0-2.6754



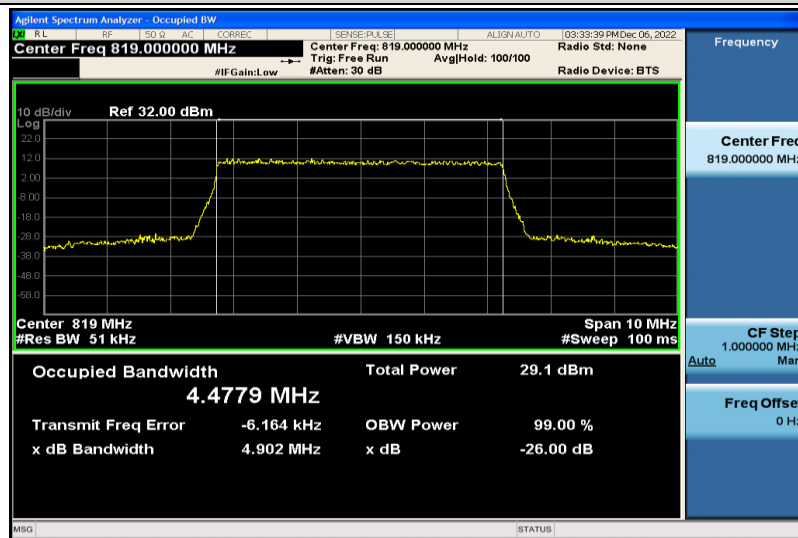
Band26-3MHz-16QAM-26740-15RB#0-2.6780



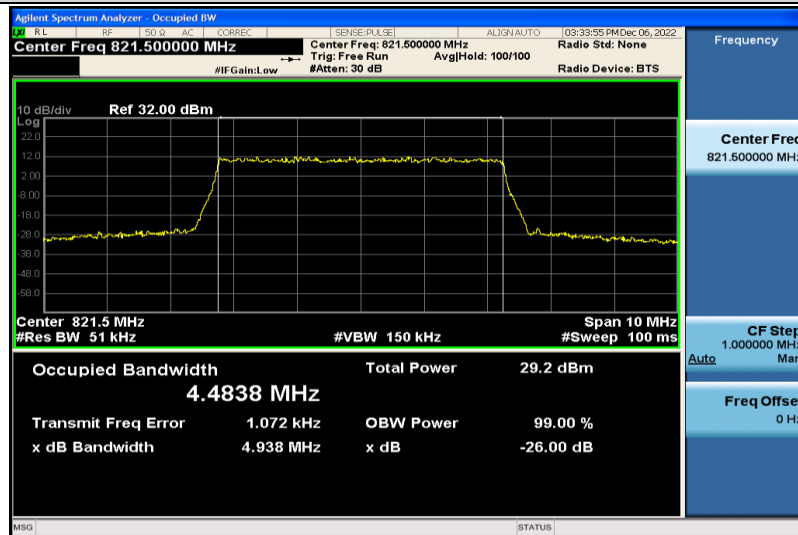
Band26-3MHz-16QAM-26775-15RB#0-2.6718



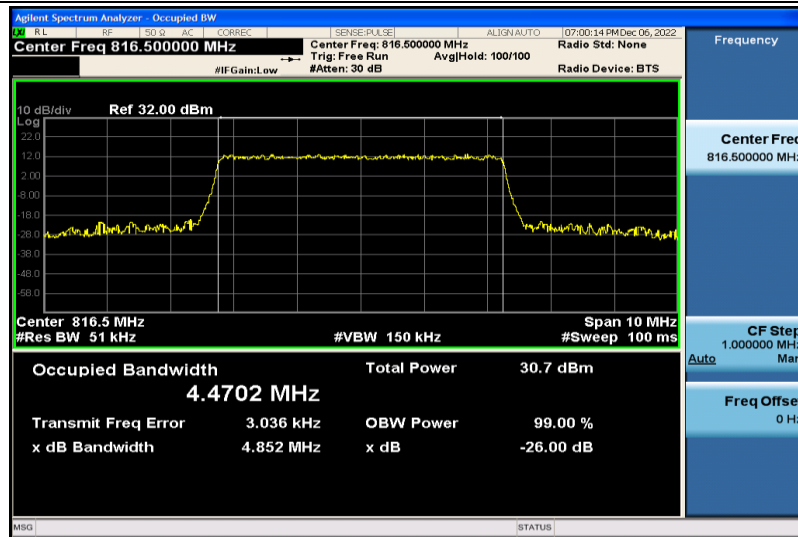
Band26-5MHz-QPSK-26715-25RB#0-4.4679



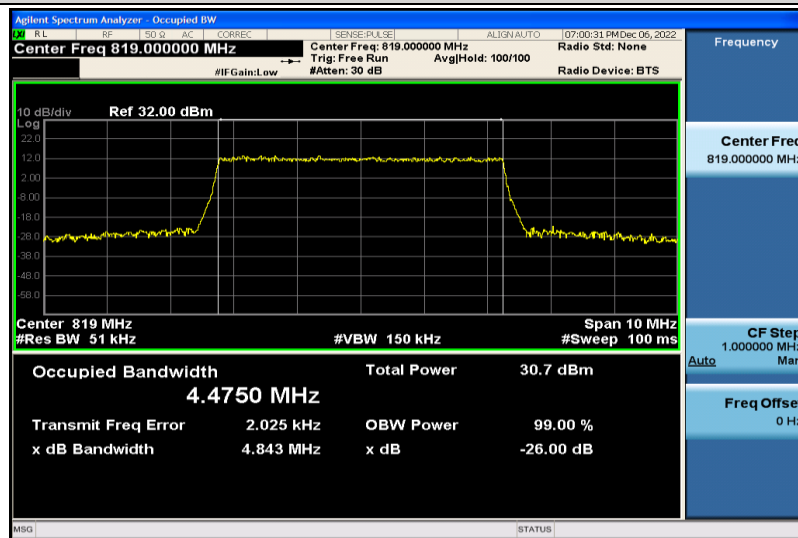
Band26-5MHz-QPSK-26740-25RB#0-4.4779



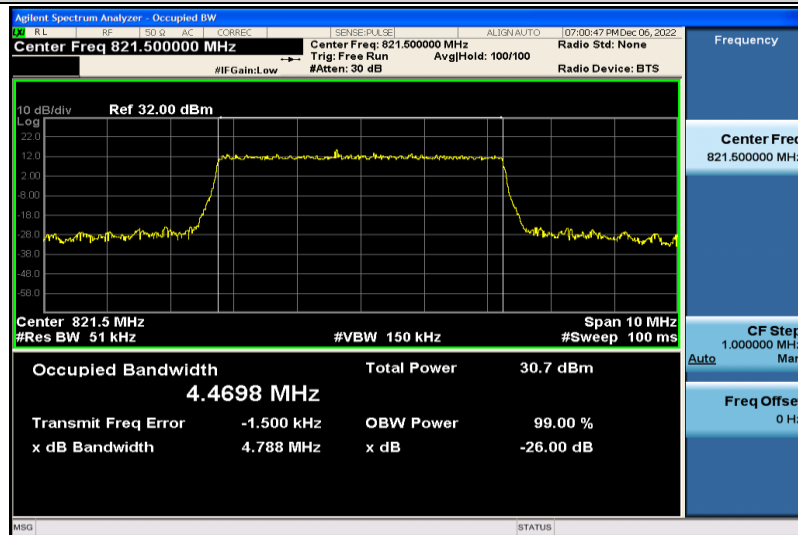
Band26-5MHz-QPSK-26765-25RB#0-4.4838



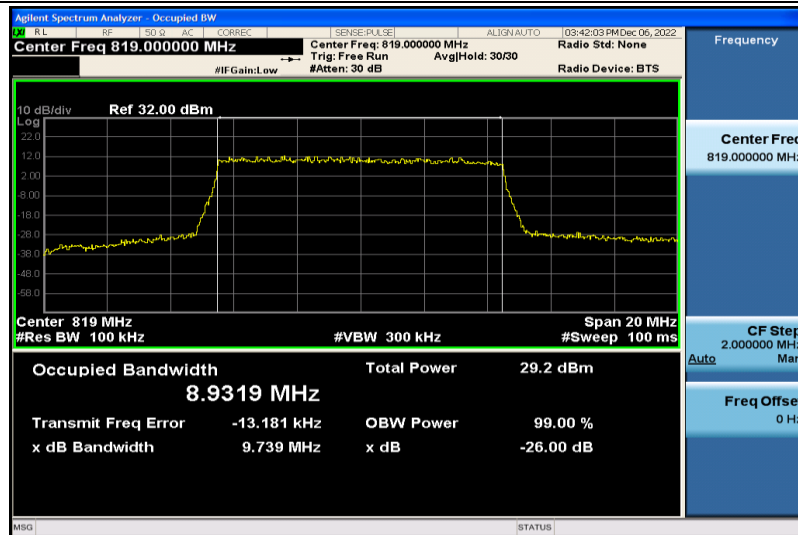
Band26-5MHz-16QAM-26715-25RB#0-4.4702



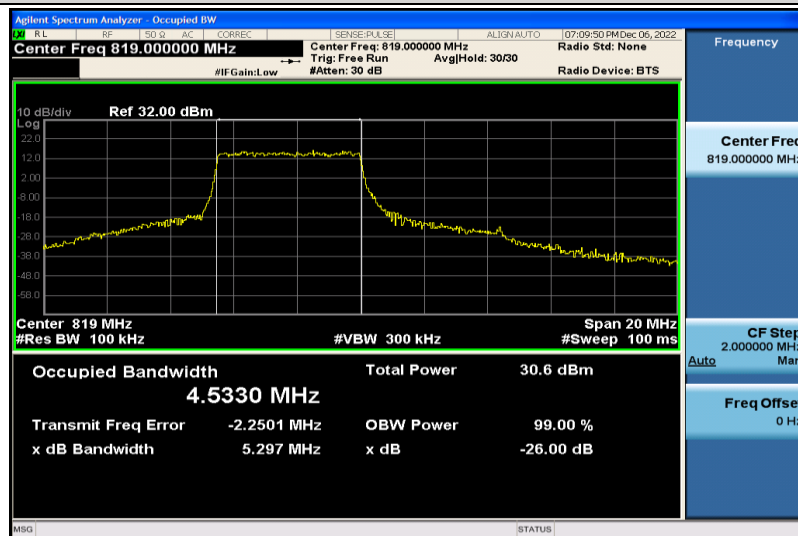
Band26-5MHz-16QAM-26740-25RB#0-4.4750



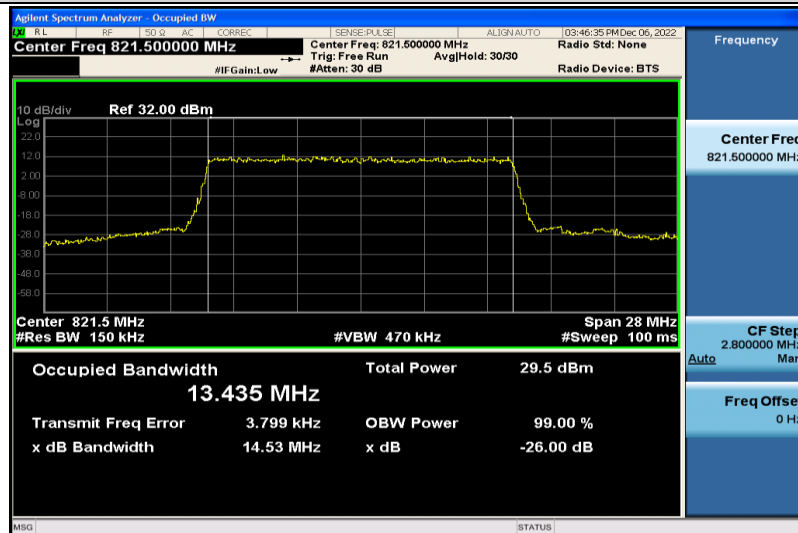
Band26-5MHz-16QAM-26765-25RB#0-4.4698



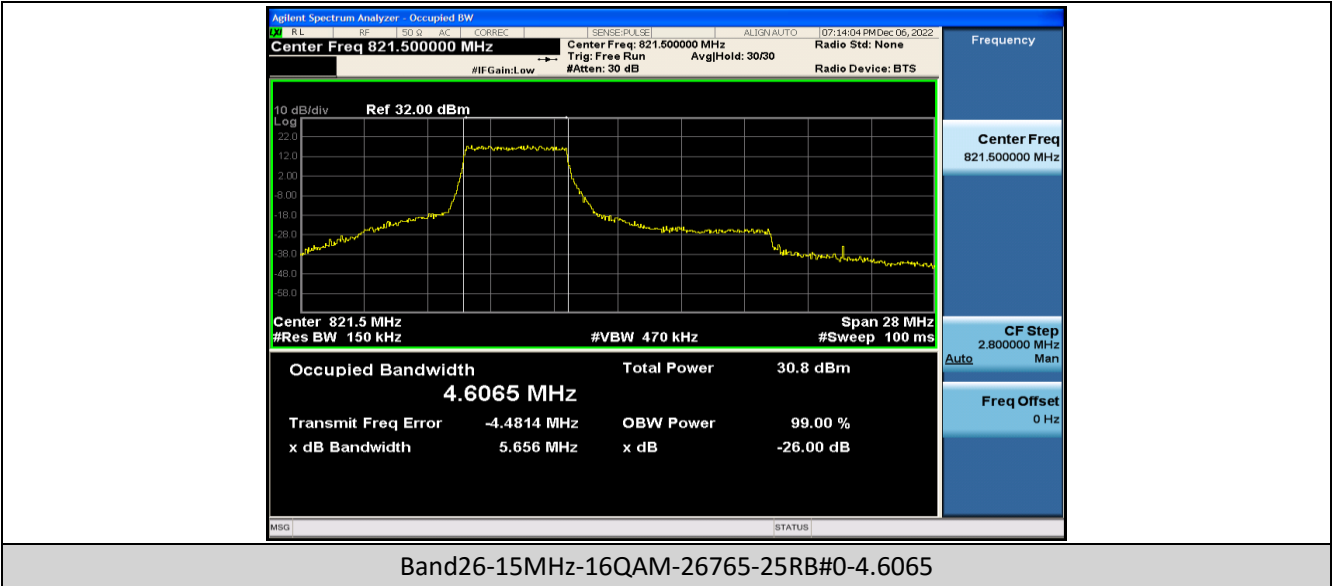
Band26-10MHz-QPSK-26740-50RB#0-8.9319



Band26-10MHz-16QAM-26740-25RB#0-4.5330



Band26-15MHz-QPSK-26765-75RB#0-13.435



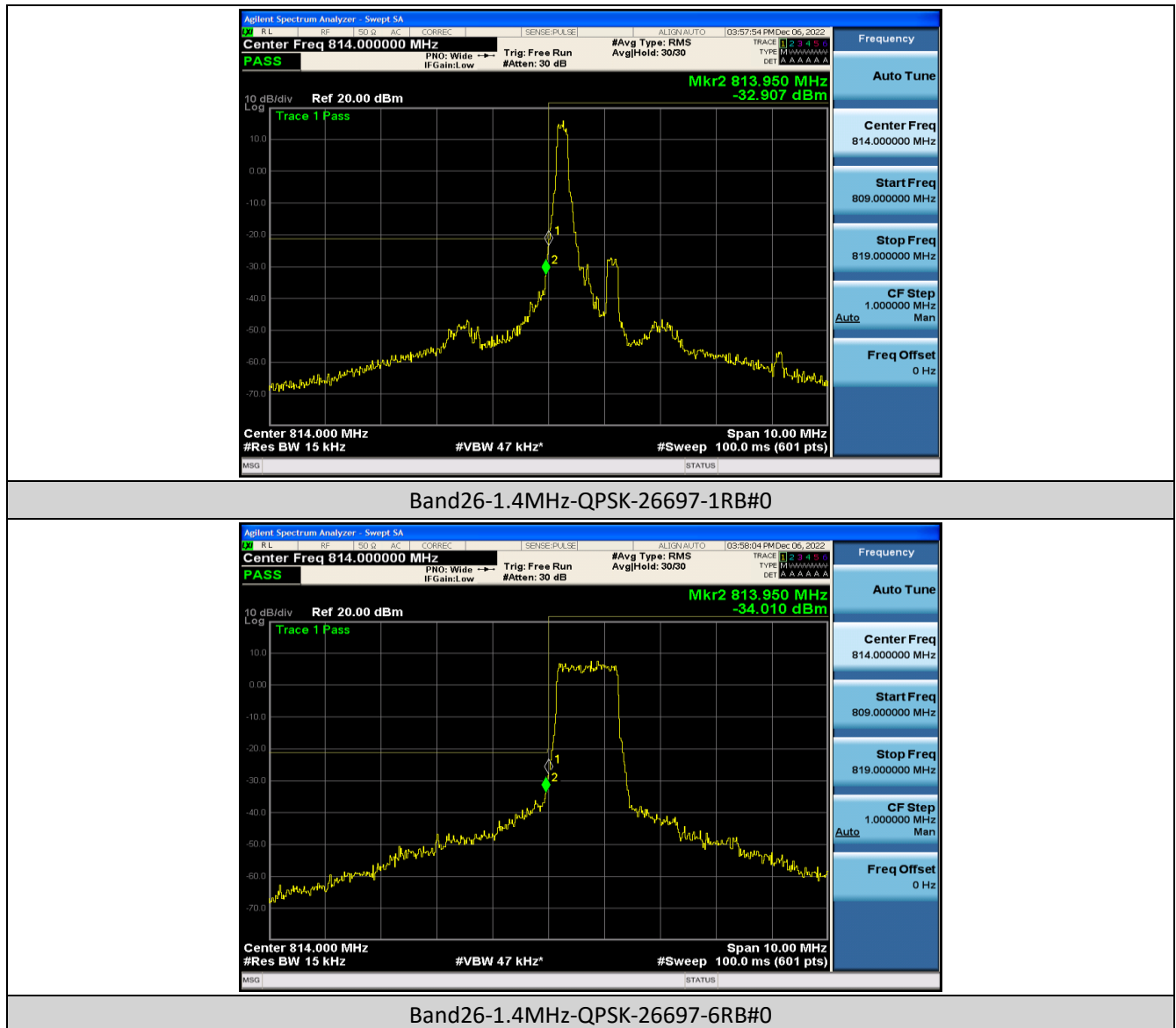
## 8.4 Appendix D: Band Edge

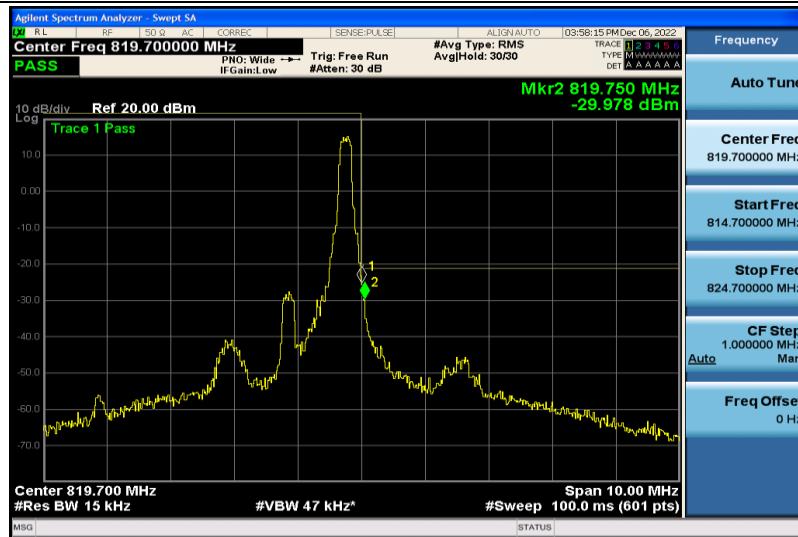
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm)                 | Verdict |
|--------|-----------|------------|---------|------------------|-----------------------------|---------|
| Band26 | 1.4MHz    | QPSK       | 26697   | 1RB#0            | -23.71,-32.91               | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26697   | 6RB#0            | -28.34,-34.01               | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 1RB#5            | -25.59,-29.98               | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26740   | 6RB#0            | -30.31,-32.54               | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 1RB#5            | -23.79,-28.18               | PASS    |
| Band26 | 1.4MHz    | QPSK       | 26783   | 6RB#0            | -28.50,-31.82               | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 1RB#0            | -30.99,-34.68               | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26697   | 6RB#0            | -27.67,-27.62               | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 1RB#5            | -33.75,-34.65               | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26740   | 6RB#0            | -29.23,-29.70               | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26783   | 1RB#5            | -21.83,-28.12               | PASS    |
| Band26 | 1.4MHz    | 16QAM      | 26783   | 6RB#0            | -26.29,-30.90               | PASS    |
| Band26 | 3MHz      | QPSK       | 26705   | 1RB#0            | -20.72,-28.35               | PASS    |
| Band26 | 3MHz      | QPSK       | 26705   | 15RB#0           | -24.83,-32.45               | PASS    |
| Band26 | 3MHz      | QPSK       | 26740   | 1RB#14           | -21.35,-28.48               | PASS    |
| Band26 | 3MHz      | QPSK       | 26740   | 15RB#0           | -29.50,-33.44               | PASS    |
| Band26 | 3MHz      | QPSK       | 26775   | 1RB#14           | -21.43,-26.65               | PASS    |
| Band26 | 3MHz      | QPSK       | 26775   | 15RB#0           | -27.24,-31.66               | PASS    |
| Band26 | 3MHz      | 16QAM      | 26705   | 1RB#0            | -29.16,-32.60               | PASS    |
| Band26 | 3MHz      | 16QAM      | 26705   | 15RB#0           | -30.76,-30.70               | PASS    |
| Band26 | 3MHz      | 16QAM      | 26740   | 1RB#14           | -30.35,-33.52               | PASS    |
| Band26 | 3MHz      | 16QAM      | 26740   | 15RB#0           | -32.09,-32.61               | PASS    |
| Band26 | 3MHz      | 16QAM      | 26775   | 1RB#14           | -30.34,-33.58               | PASS    |
| Band26 | 3MHz      | 16QAM      | 26775   | 15RB#0           | -31.73,-32.74               | PASS    |
| Band26 | 5MHz      | QPSK       | 26715   | 1RB#0            | -23.23,-32.14               | PASS    |
| Band26 | 5MHz      | QPSK       | 26715   | 25RB#0           | -28.39,-31.11               | PASS    |
| Band26 | 5MHz      | QPSK       | 26740   | 1RB#24           | -24.89,-31.07               | PASS    |
| Band26 | 5MHz      | QPSK       | 26740   | 25RB#0           | -29.14,-31.17               | PASS    |
| Band26 | 5MHz      | QPSK       | 26765   | 1RB#24           | -20.05,-25.80               | PASS    |
| Band26 | 5MHz      | QPSK       | 26765   | 25RB#0           | -26.51,-29.93               | PASS    |
| Band26 | 5MHz      | 16QAM      | 26715   | 1RB#0            | -24.49,-27.33               | PASS    |
| Band26 | 5MHz      | 16QAM      | 26715   | 25RB#0           | -29.15,-30.46               | PASS    |
| Band26 | 5MHz      | 16QAM      | 26740   | 1RB#24           | -23.34,-29.00               | PASS    |
| Band26 | 5MHz      | 16QAM      | 26740   | 25RB#0           | -28.35,-32.52               | PASS    |
| Band26 | 5MHz      | 16QAM      | 26765   | 1RB#24           | -23.98,-29.33               | PASS    |
| Band26 | 5MHz      | 16QAM      | 26765   | 25RB#0           | -28.68,-32.84               | PASS    |
| Band26 | 10MHz     | QPSK       | 26740   | 1RB#49           | -51.34,-49.69,-34.01,-36.40 | PASS    |
| Band26 | 10MHz     | QPSK       | 26740   | 50RB#0           | -31.77,-31.46,-30.75,-32.94 | PASS    |

|        |       |       |       |        |                             |      |
|--------|-------|-------|-------|--------|-----------------------------|------|
| Band26 | 10MHz | 16QAM | 26740 | 1RB#49 | -45.46,-43.22,-33.45,-29.40 | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 1RB#74 | -47.47,-46.58               | PASS |
| Band26 | 15MHz | QPSK  | 26765 | 75RB#0 | -32.57,-31.77               | PASS |
| Band26 | 15MHz | 16QAM | 26765 | 1RB#74 | -52.34,-51.81               | PASS |

## Test Graphs

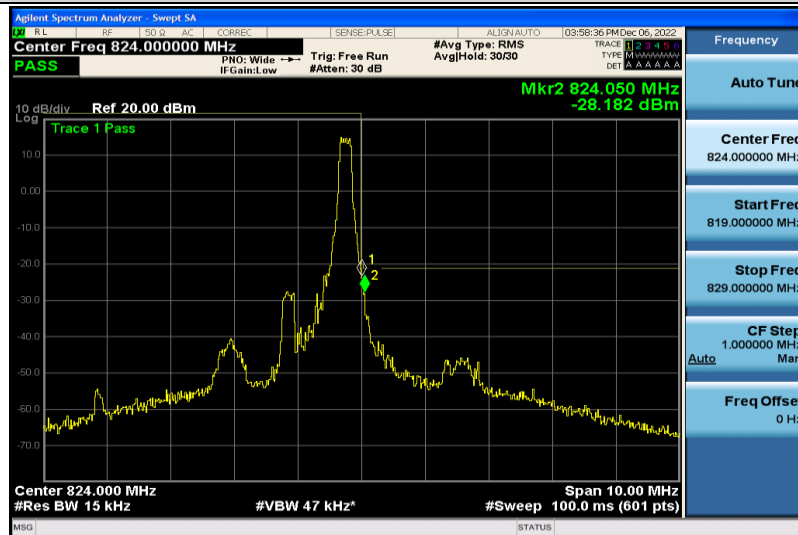




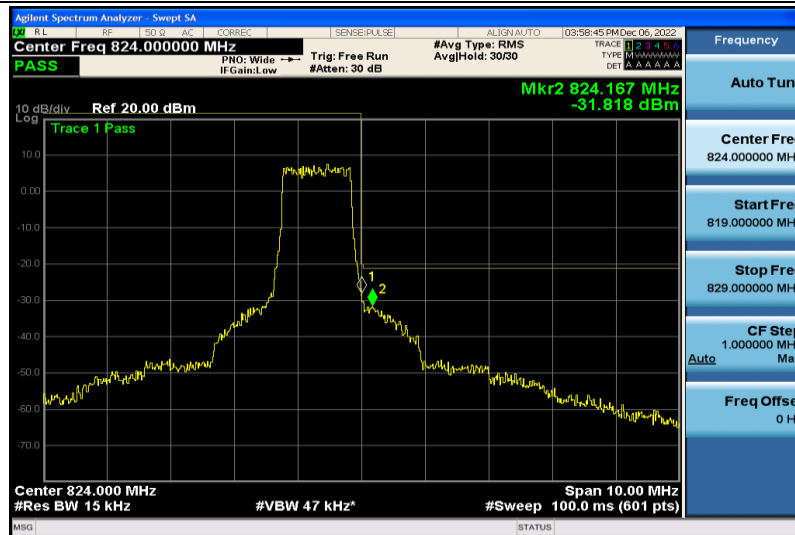
Band26-1.4MHz-QPSK-26740-1RB#5



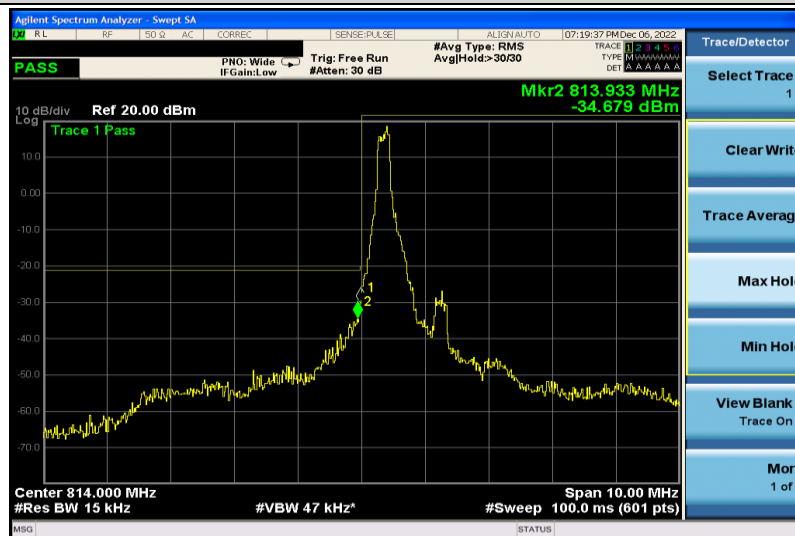
Band26-1.4MHz-QPSK-26740-6RB#0



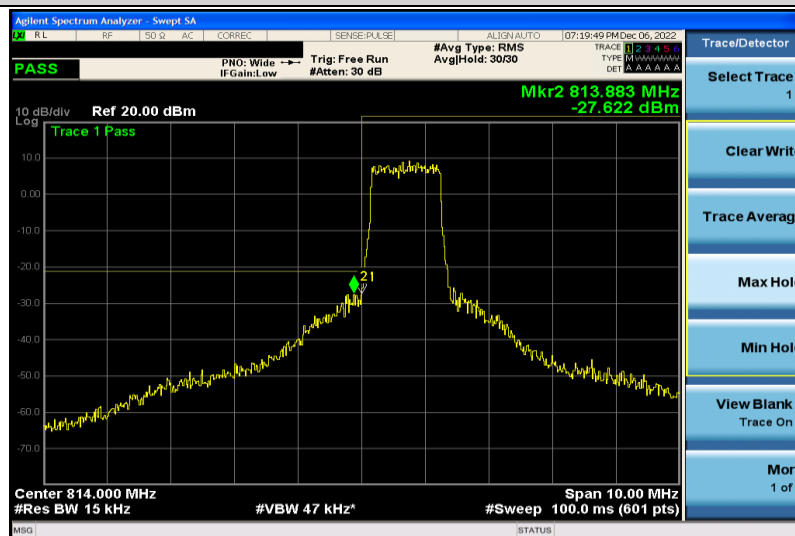
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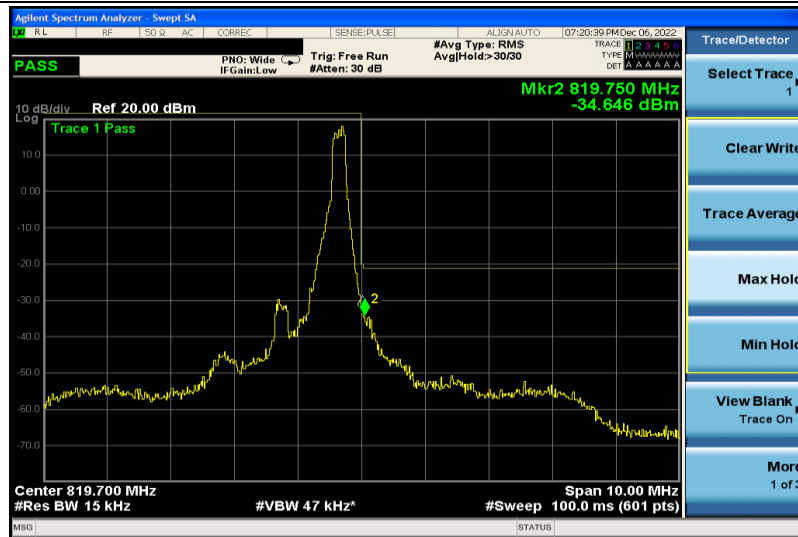
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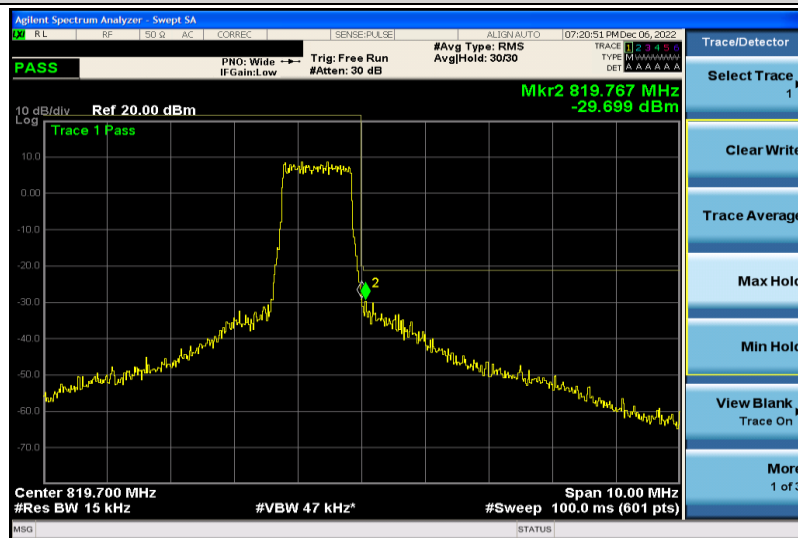
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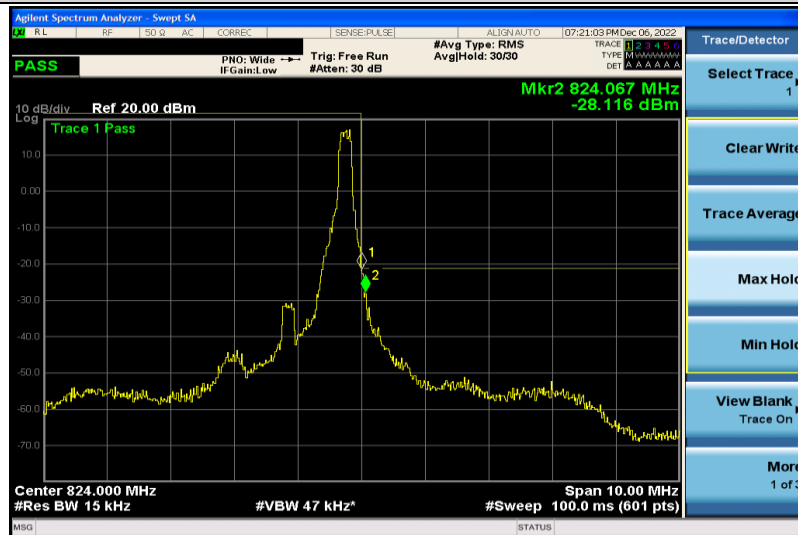
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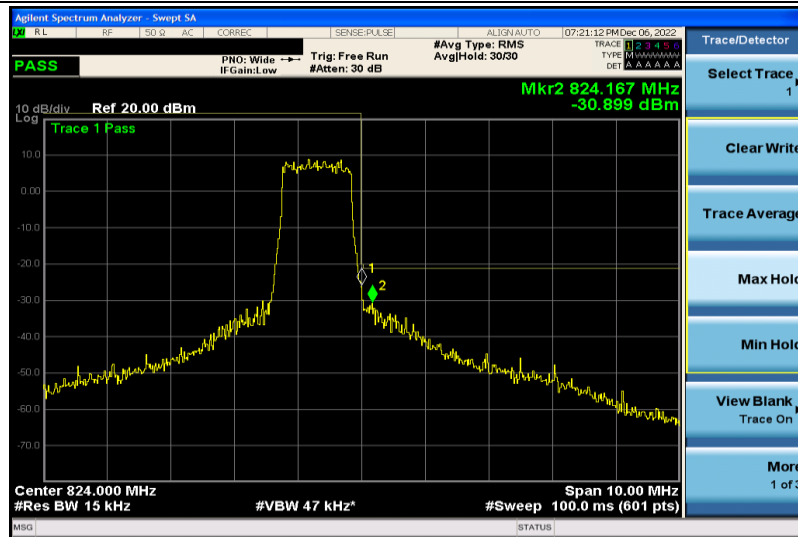
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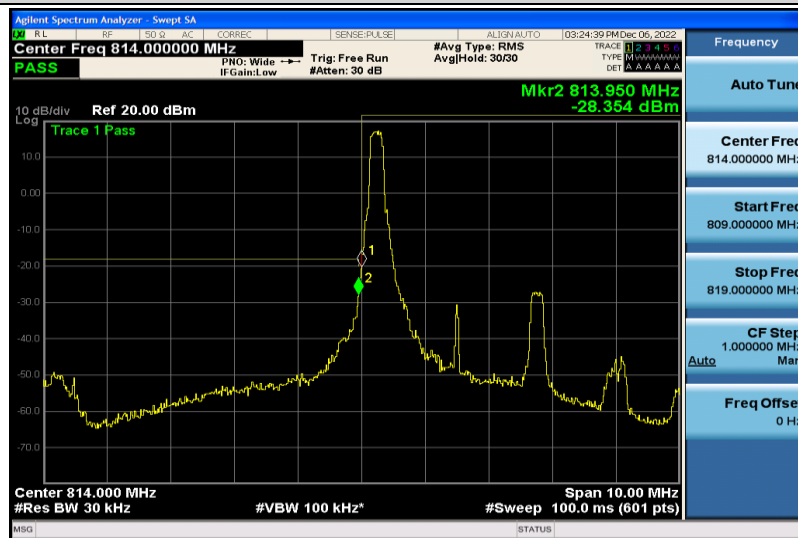
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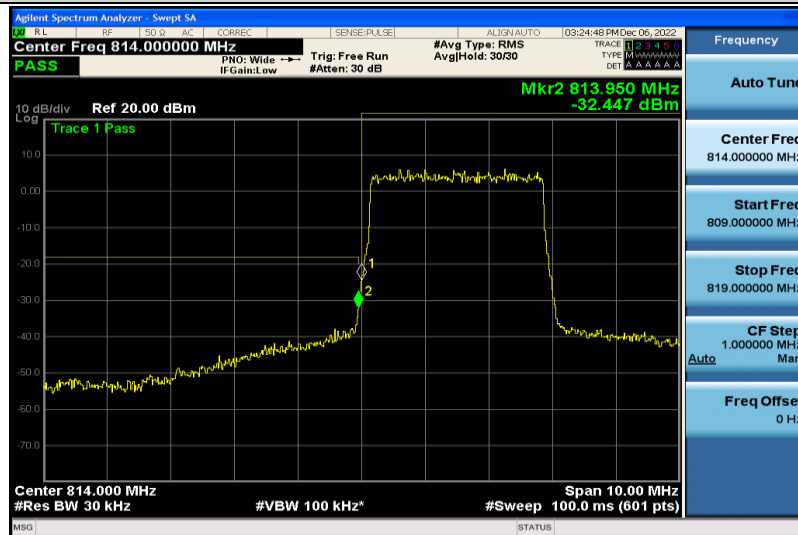
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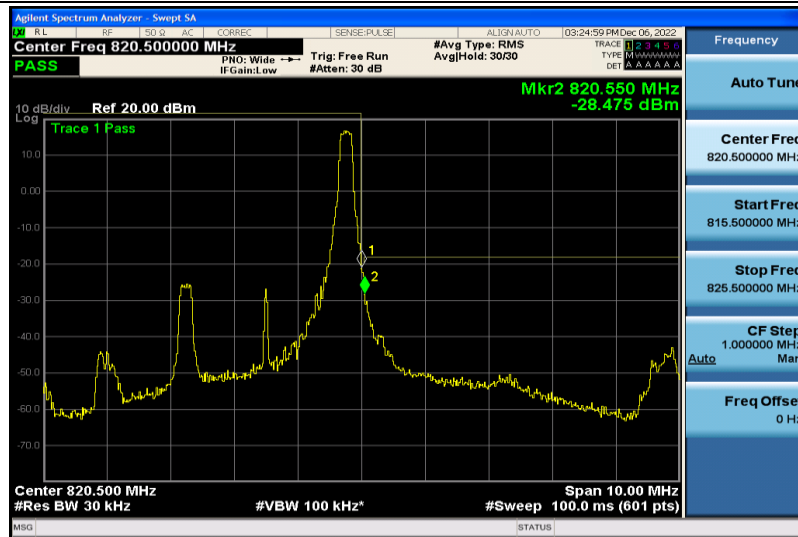
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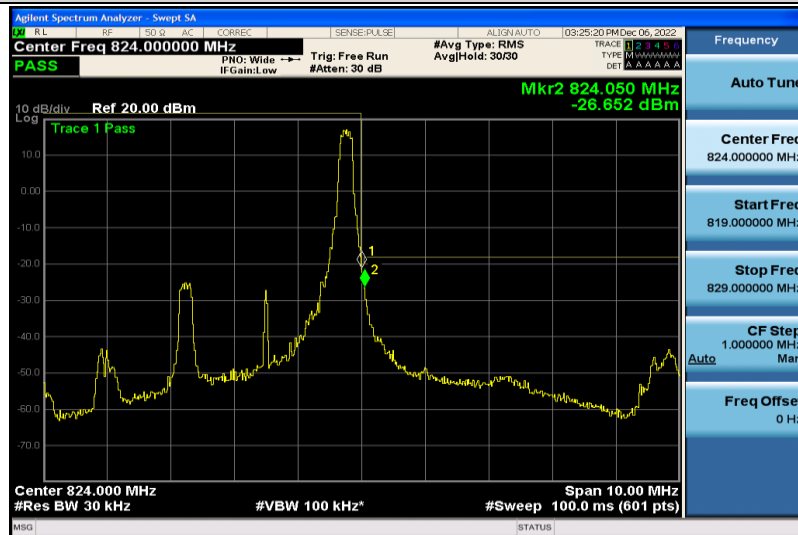
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Band26-3MHz-QPSK-26740-1RB#14



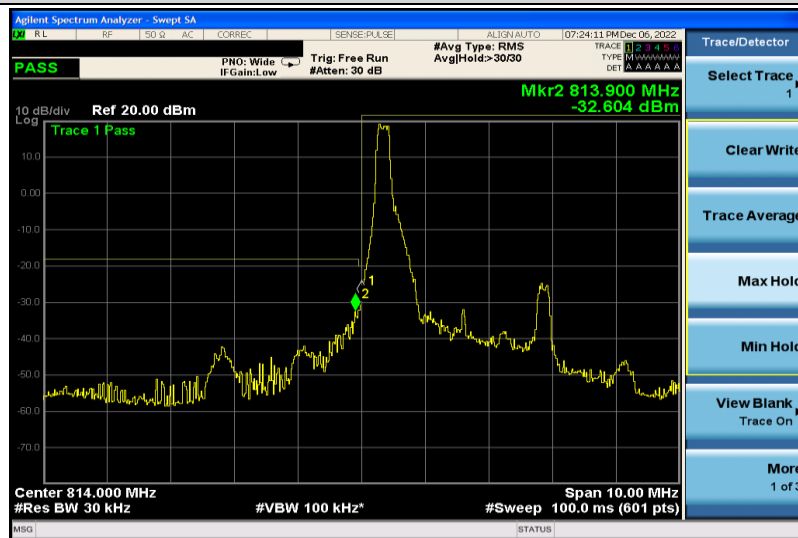
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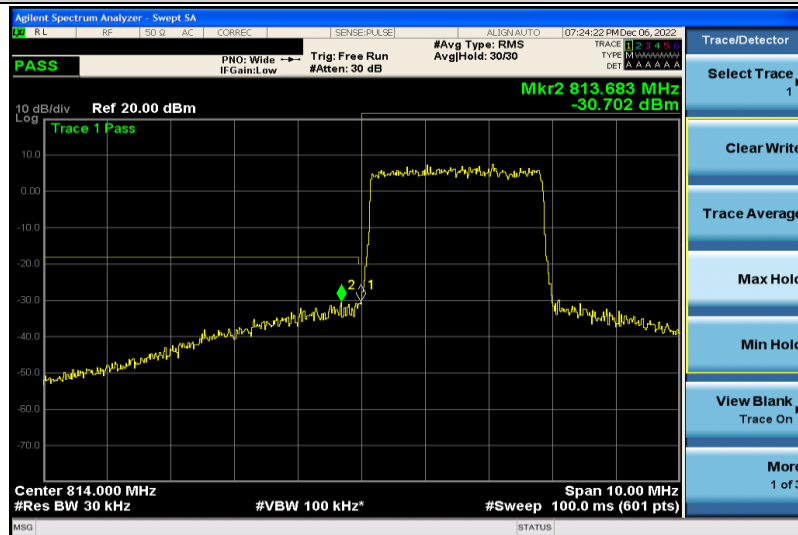
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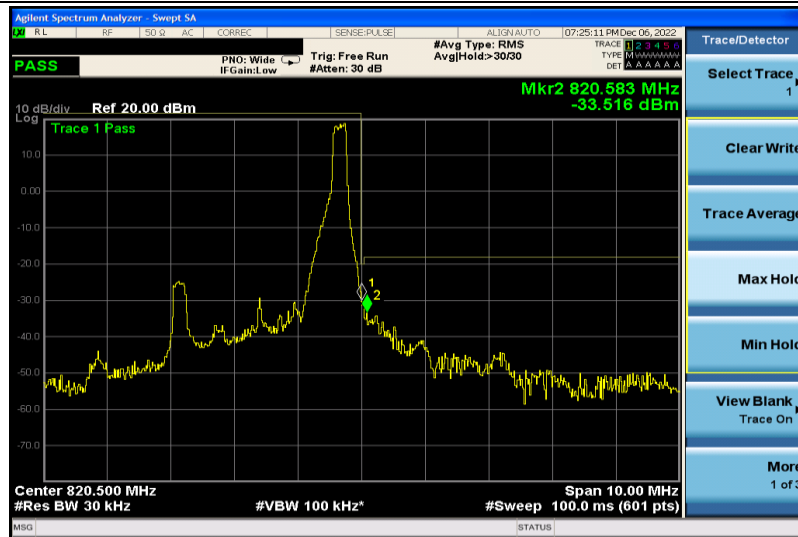
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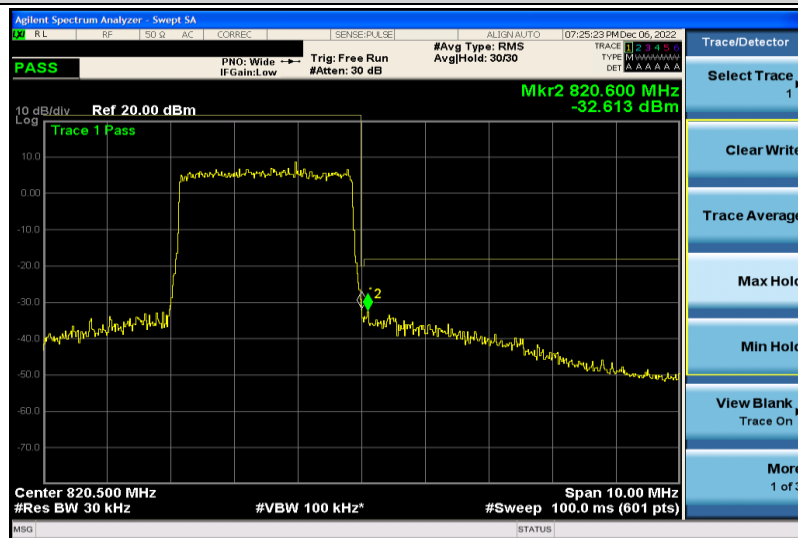
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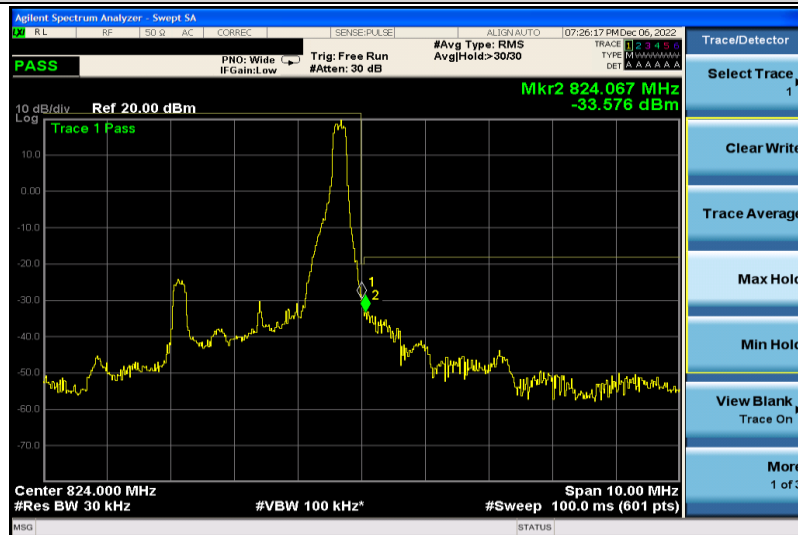
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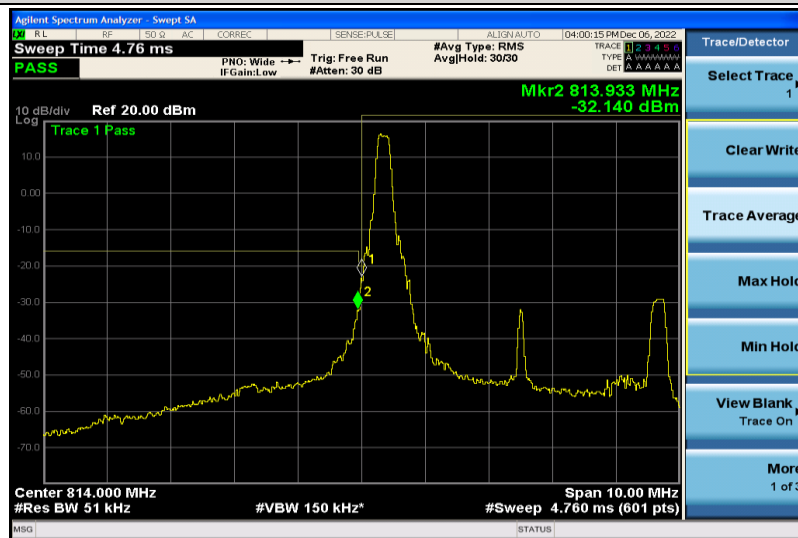
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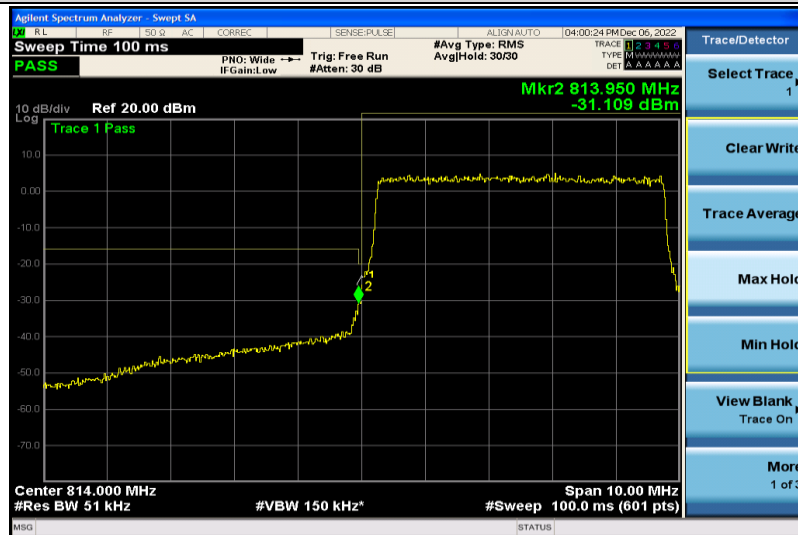
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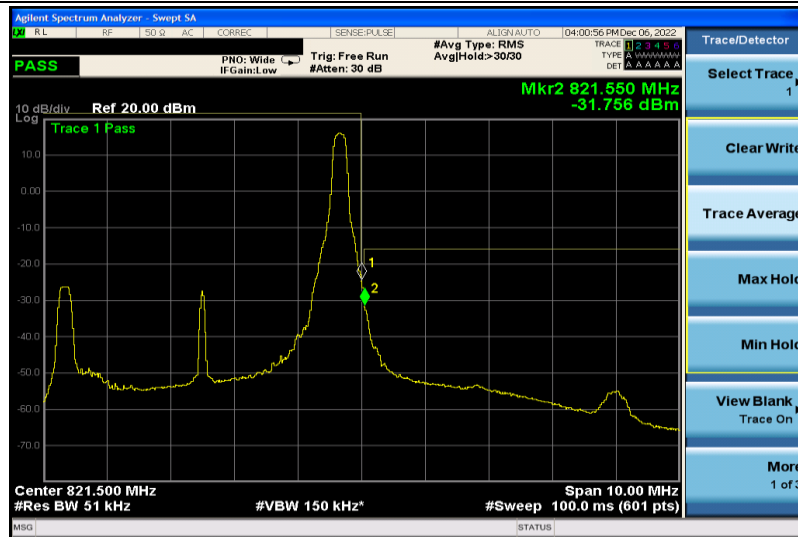
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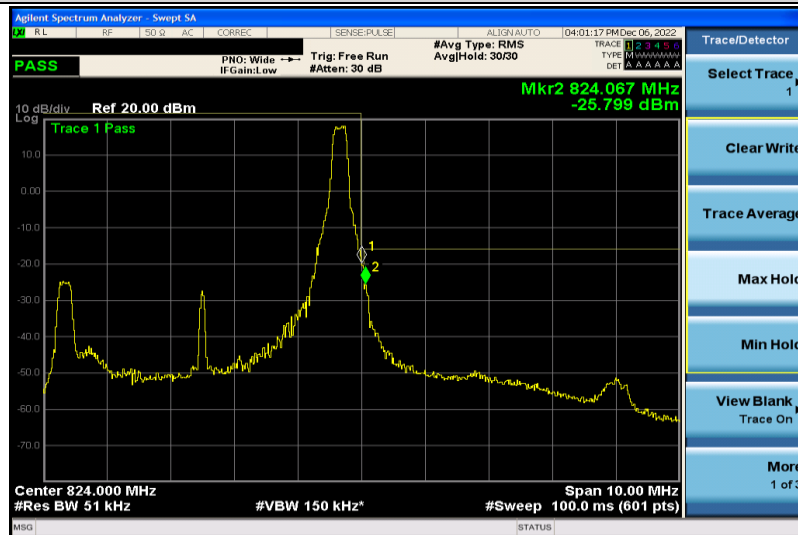
Band26-5MHz-QPSK-26715-25RB#0



Band26-5MHz-QPSK-26740-1RB#24



Band26-5MHz-QPSK-26740-25RB#0



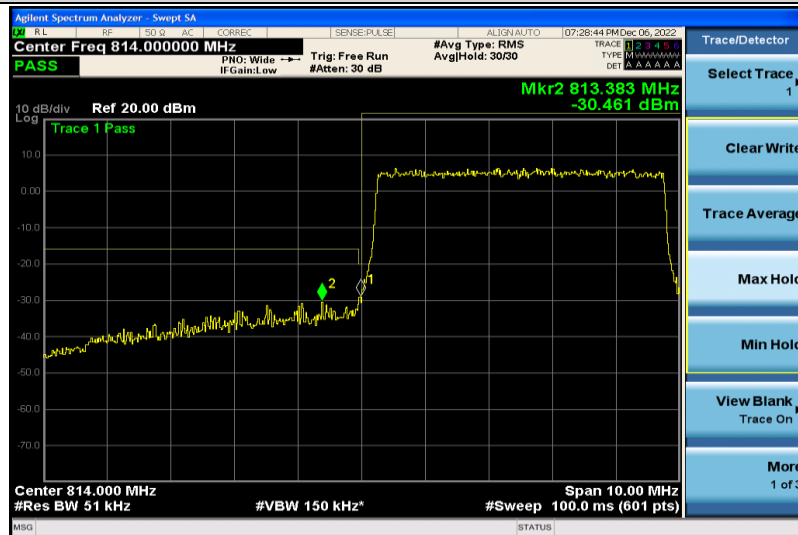
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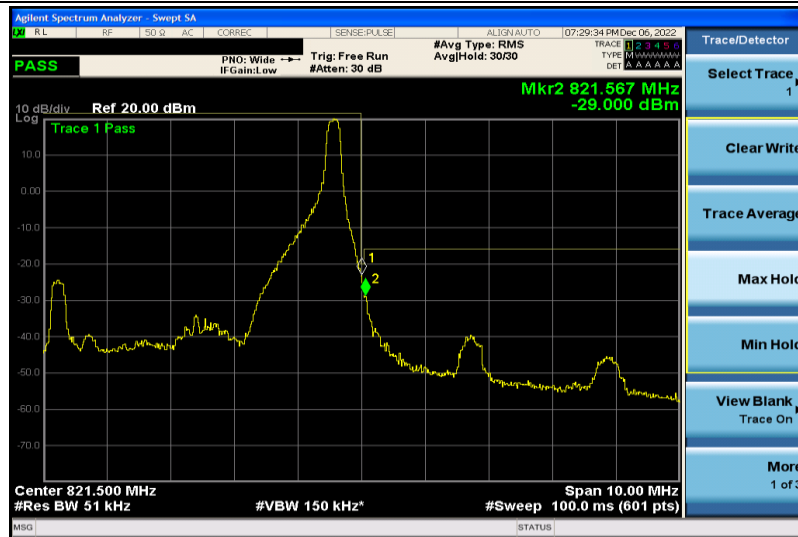
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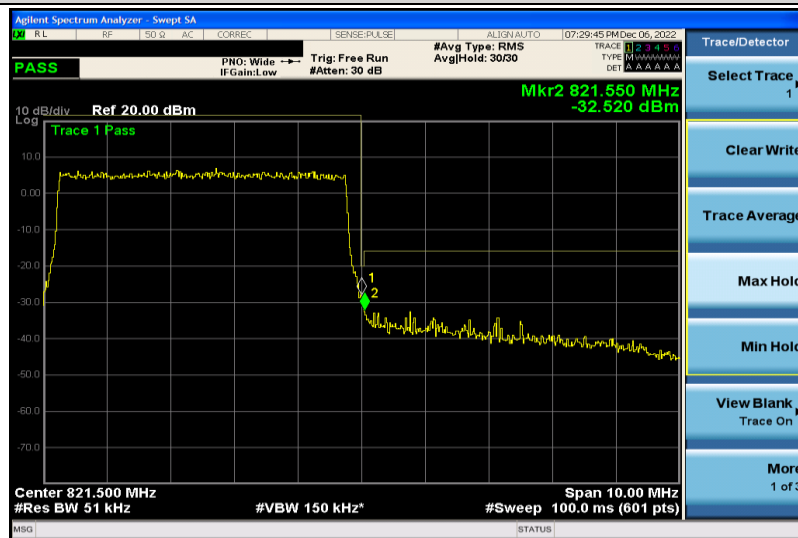
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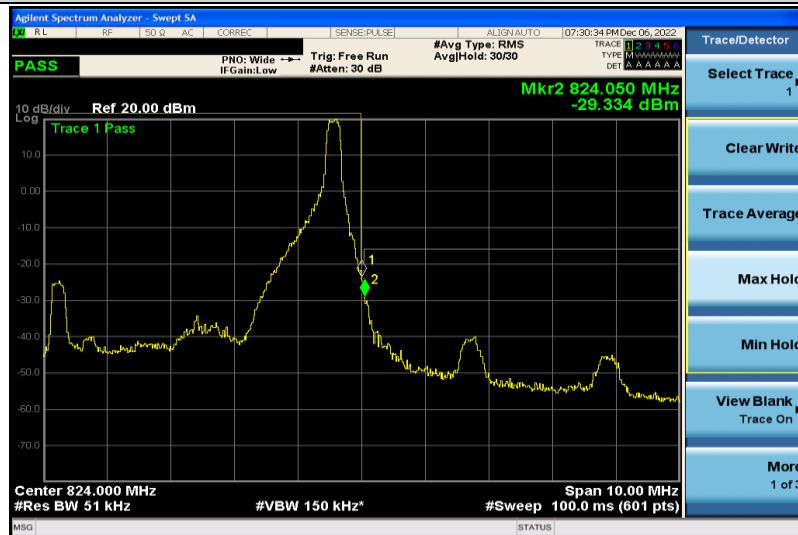
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Band26-5MHz-16QAM-26740-1RB#24



Band26-5MHz-16QAM-26740-25RB#0



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