

## **Appendix RF Test Data for LTE Band 38**

**Company:** : AGRES SISTEMAS ELETRONICOS S.A.

**EUT** : 12.3-inch Rugged Embedded Computer

**Model Number** : agroNave 12W

**FCC ID** : 2BDDS-AGRONAVE12W

**Report No.** : CTA25081101713

**Reviewed By** : Eric Wang

# 1 Conducted Output Power Data

## Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 21.56       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 22.07       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#12           | 21.62       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#12           | 22.06       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#24           | 21.64       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#24           | 22.06       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#0           | 20.78       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#0           | 20.03       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#6           | 20.79       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#6           | 20.03       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 12RB#13          | 20.82       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 12RB#13          | 19.95       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 20.74       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 20.21       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 21.44       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 21.28       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#12           | 21.38       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#12           | 21.12       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#24           | 21.44       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#24           | 21.28       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#0           | 20.29       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#0           | 19.77       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#6           | 20.29       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#6           | 19.76       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 12RB#13          | 20.38       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 12RB#13          | 19.67       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 20.27       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 19.97       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | 22.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | 21.77       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#12           | 21.98       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#12           | 21.81       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#24           | 21.99       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#24           | 21.65       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#0           | 20.95       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 12RB#0           | 20.30       | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 12RB#6           | 20.95       | PASS    |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#6  | 20.29 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 12RB#13 | 20.92 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 12RB#13 | 20.24 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 25RB#0  | 20.96 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 25RB#0  | 20.56 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0   | 22.97 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0   | 22.58 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#24  | 22.82 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#24  | 22.59 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#49  | 22.70 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#49  | 22.56 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#0  | 21.65 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#0  | 20.97 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#12 | 21.58 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#12 | 20.97 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 25RB#25 | 21.56 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 25RB#25 | 20.96 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 50RB#0  | 21.65 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 50RB#0  | 20.99 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0   | 22.37 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0   | 22.13 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#24  | 22.25 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#24  | 22.08 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#49  | 22.30 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#49  | 21.96 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#0  | 21.60 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#0  | 21.12 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#12 | 21.49 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#12 | 21.12 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 25RB#25 | 21.42 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 25RB#25 | 21.12 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 50RB#0  | 21.54 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 50RB#0  | 20.57 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0   | 22.26 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0   | 22.19 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#24  | 22.27 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#24  | 22.07 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#49  | 22.34 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#49  | 21.99 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#0  | 21.12 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#0  | 20.55 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 25RB#12 | 21.13 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#12 | 20.55 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 10MHz | QPSK  | 38200 | 25RB#25 | 21.17 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 25RB#25 | 20.41 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 50RB#0  | 21.21 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 50RB#0  | 20.57 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0   | 22.86 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0   | 22.68 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#38  | 22.72 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#38  | 22.65 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#74  | 22.77 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#74  | 22.60 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#0  | 21.55 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#0  | 21.56 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#18 | 21.55 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#18 | 21.56 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 38RB#37 | 21.56 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 38RB#37 | 21.56 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 75RB#0  | 21.56 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 75RB#0  | 20.92 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0   | 23.14 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0   | 21.44 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#38  | 22.93 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#38  | 20.97 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#74  | 22.92 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#74  | 21.40 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#0  | 21.44 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#0  | 21.44 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#18 | 21.44 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#18 | 21.44 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 38RB#37 | 21.44 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 38RB#37 | 21.44 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 75RB#0  | 21.44 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 75RB#0  | 20.88 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0   | 22.41 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0   | 22.35 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#38  | 22.29 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#38  | 22.09 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#74  | 22.23 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#74  | 22.06 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#0  | 21.29 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#0  | 21.29 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#18 | 21.29 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 38RB#18 | 21.29 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 38RB#37 | 21.29 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 15MHz | 16QAM | 38175 | 38RB#37 | 21.29 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 75RB#0  | 21.29 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 75RB#0  | 20.52 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0   | 22.28 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 22.09 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#49  | 22.27 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#49  | 21.85 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#99  | 22.28 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#99  | 21.77 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#0  | 21.69 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#0  | 21.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#25 | 21.43 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#25 | 21.00 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 50RB#50 | 21.33 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 50RB#50 | 20.85 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 21.41 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 20.89 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 22.69 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 21.87 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#49  | 22.58 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#49  | 21.72 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#99  | 22.55 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#99  | 21.61 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#0  | 21.45 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#0  | 20.97 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#25 | 21.46 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#25 | 20.97 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 50RB#50 | 21.52 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 50RB#50 | 20.84 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 21.56 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 20.88 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 22.19 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 22.53 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#49  | 22.02 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#49  | 22.25 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#99  | 22.01 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#99  | 22.18 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#0  | 21.28 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#0  | 20.72 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#25 | 21.29 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#25 | 20.72 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 50RB#50 | 21.22 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 50RB#50 | 20.71 | PASS |

|        |       |       |       |         |       |      |
|--------|-------|-------|-------|---------|-------|------|
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 21.31 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 20.62 | PASS |

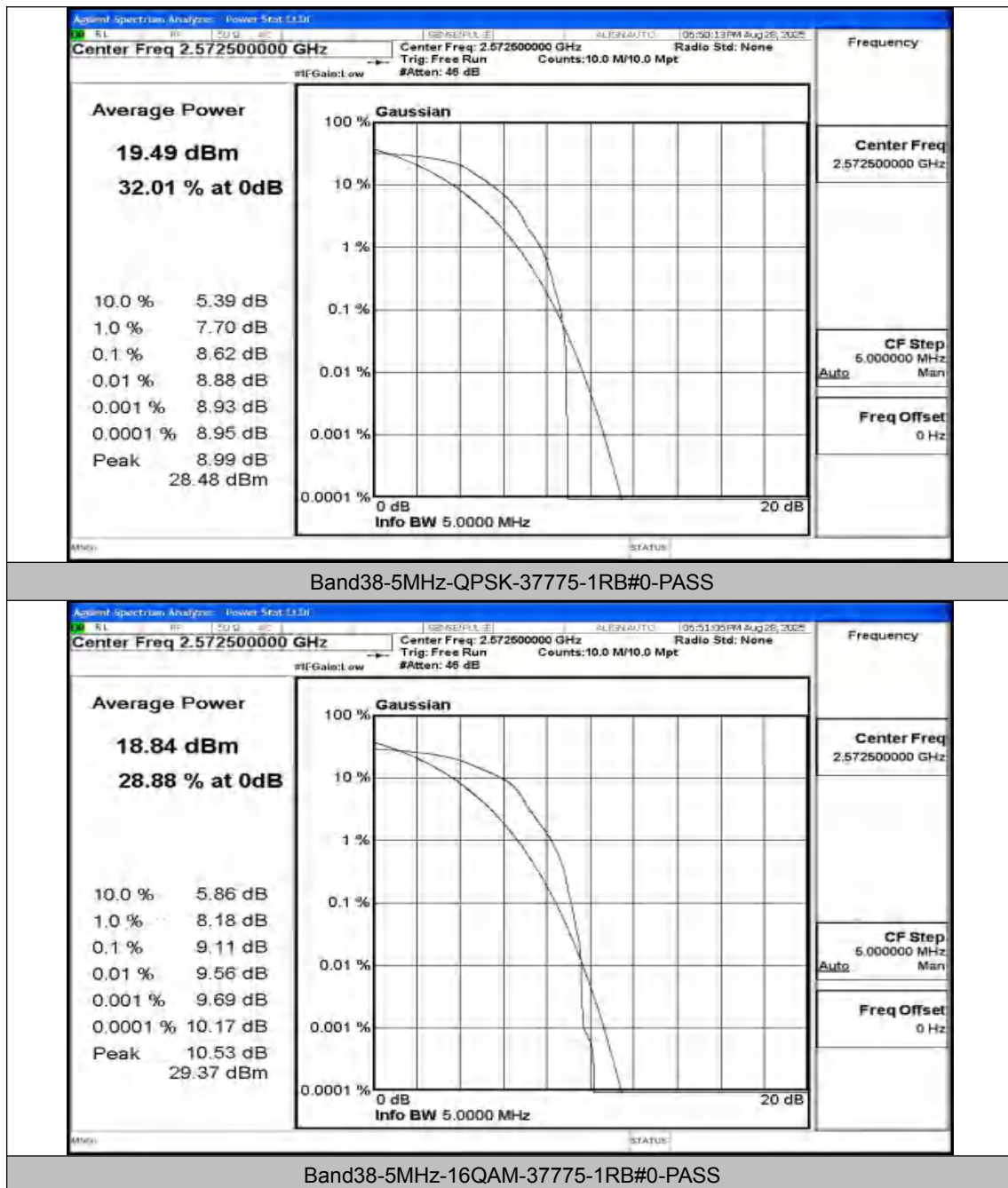
## 2 Peak-to-Average Ratio(CCDF)

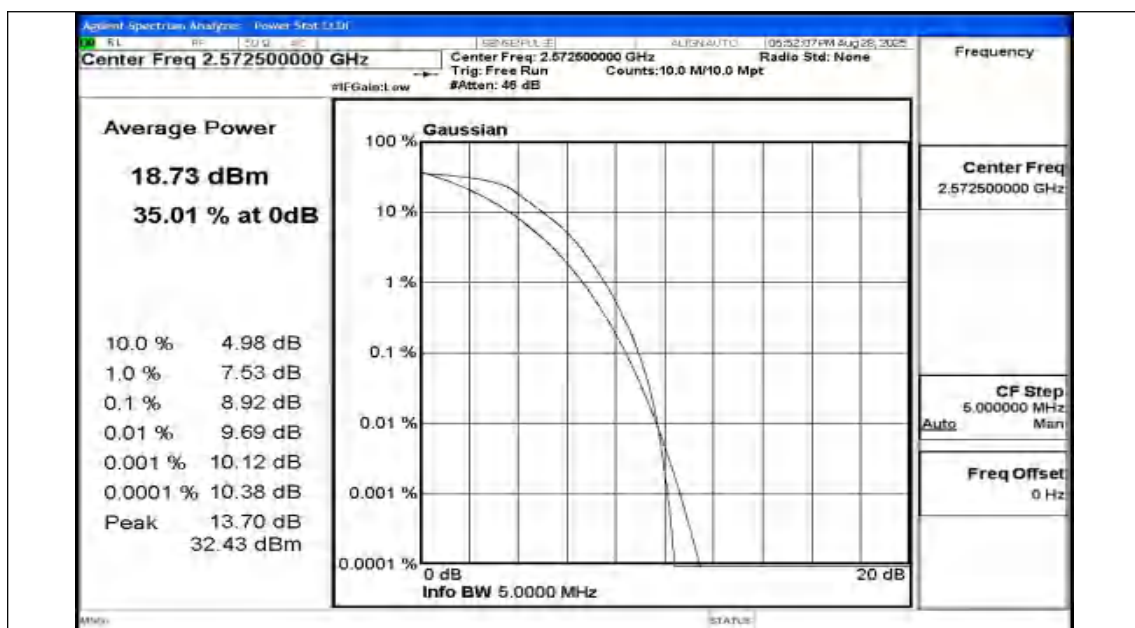
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 8.62       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 9.11       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 8.92       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 9.67       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 8.49       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 9.26       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 9.14       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 9.79       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 1RB#0            | 8.43       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 1RB#0            | 8.45       | 13        | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 9.10       | 13        | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 9.72       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 1RB#0            | 8.51       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 1RB#0            | 8.69       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 9.01       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 9.65       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 1RB#0            | 8.59       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 1RB#0            | 8.99       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 9.16       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 9.97       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 1RB#0            | 8.46       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 1RB#0            | 8.77       | 13        | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 8.87       | 13        | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 9.71       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 1RB#0            | 8.16       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 1RB#0            | 8.87       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 9.36       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 9.78       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 1RB#0            | 8.72       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 1RB#0            | 9.33       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 9.44       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 9.99       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 1RB#0            | 8.12       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 1RB#0            | 9.34       | 13        | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 9.30       | 13        | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 9.79       | 13        | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 1RB#0            | 8.04       | 13        | PASS    |

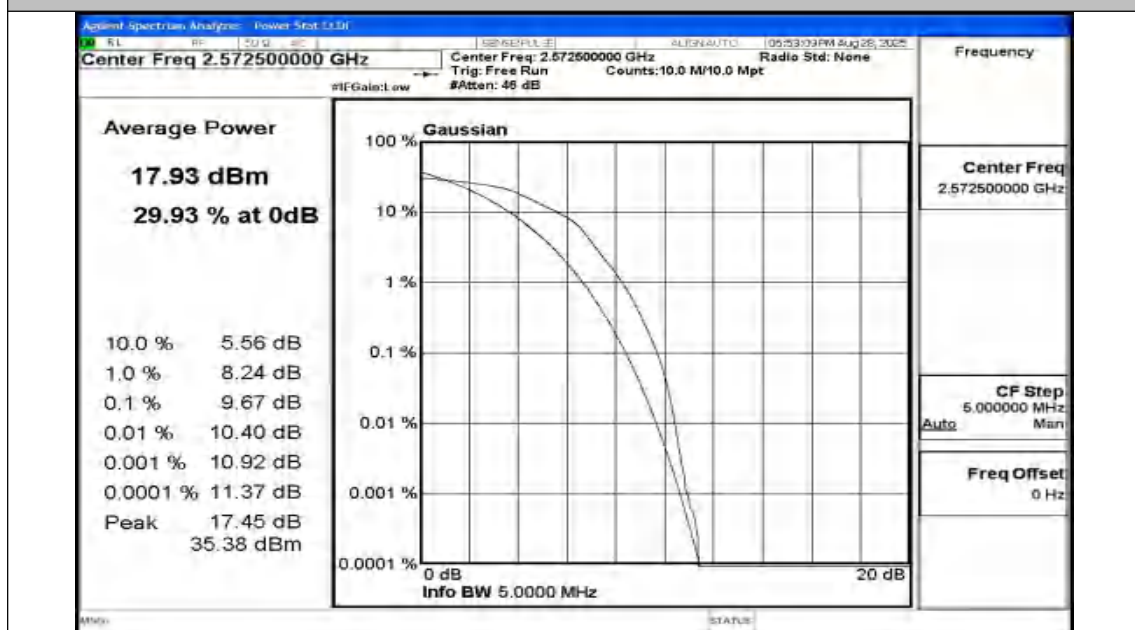
|        |       |       |       |         |      |    |      |
|--------|-------|-------|-------|---------|------|----|------|
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0   | 8.68 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 100RB#0 | 9.06 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 100RB#0 | 9.61 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0   | 8.59 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0   | 8.77 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 100RB#0 | 8.90 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 100RB#0 | 9.45 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0   | 8.06 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0   | 8.95 | 13 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 100RB#0 | 8.88 | 13 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 100RB#0 | 9.89 | 13 | PASS |

## Test Graphs

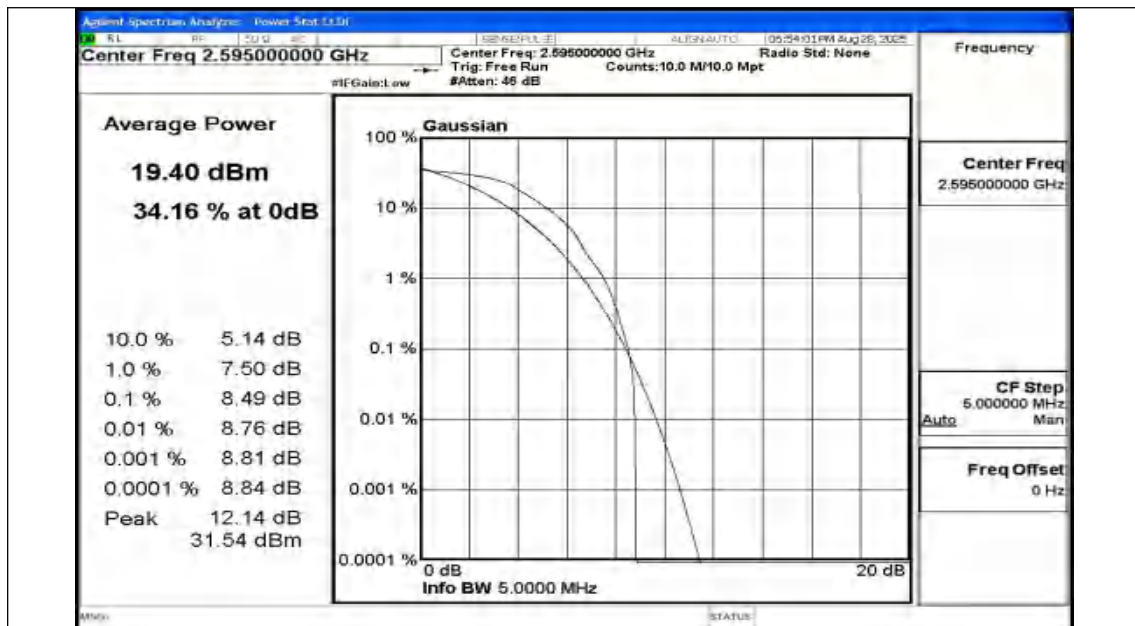




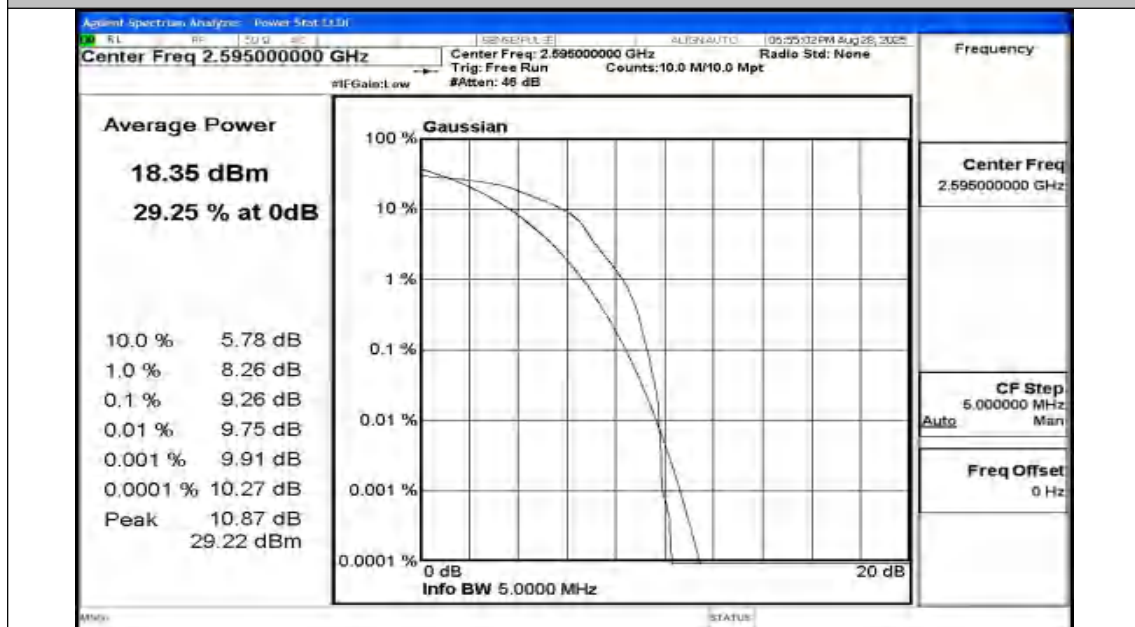
Band38-5MHz-QPSK-37775-25RB#0-PASS



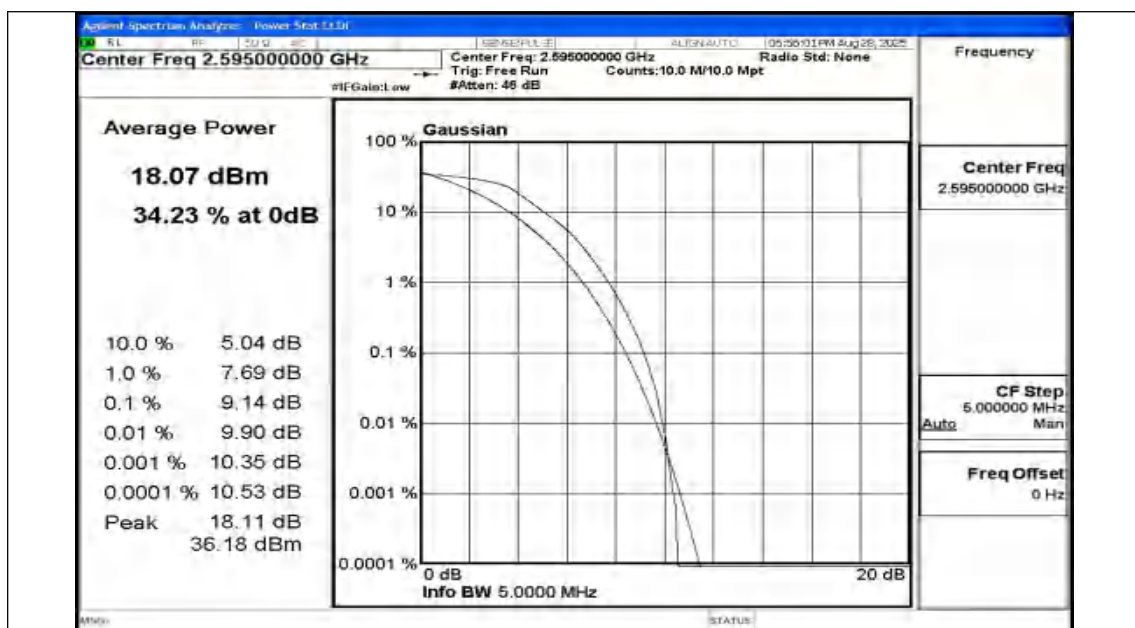
Band38-5MHz-16QAM-37775-25RB#0-PASS



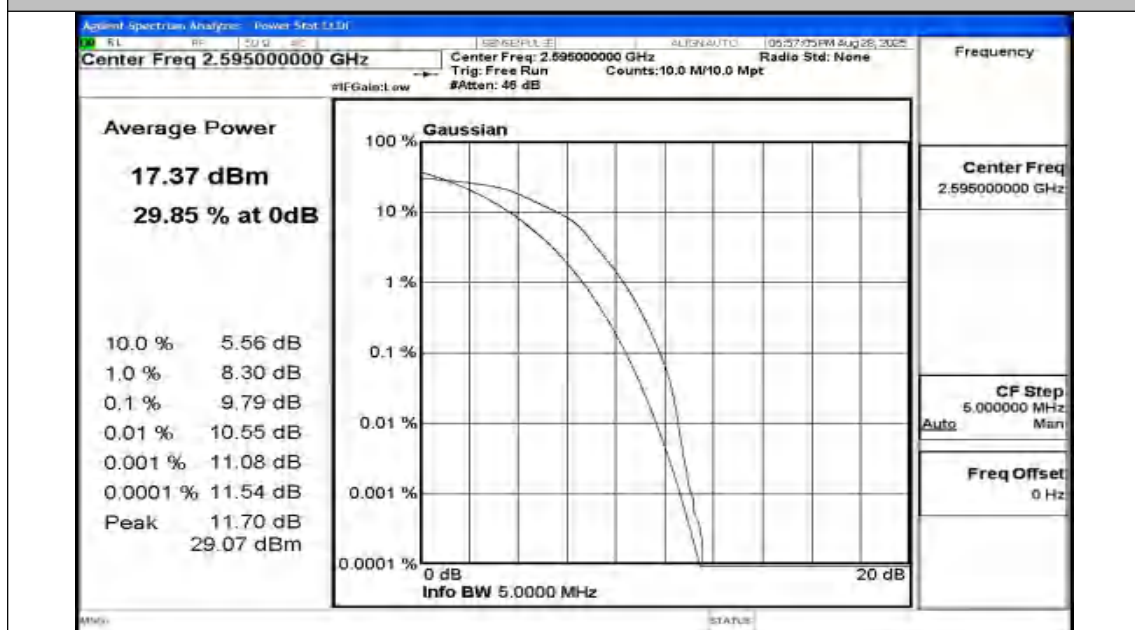
Band38-5MHz-QPSK-38000-1RB#0-PASS



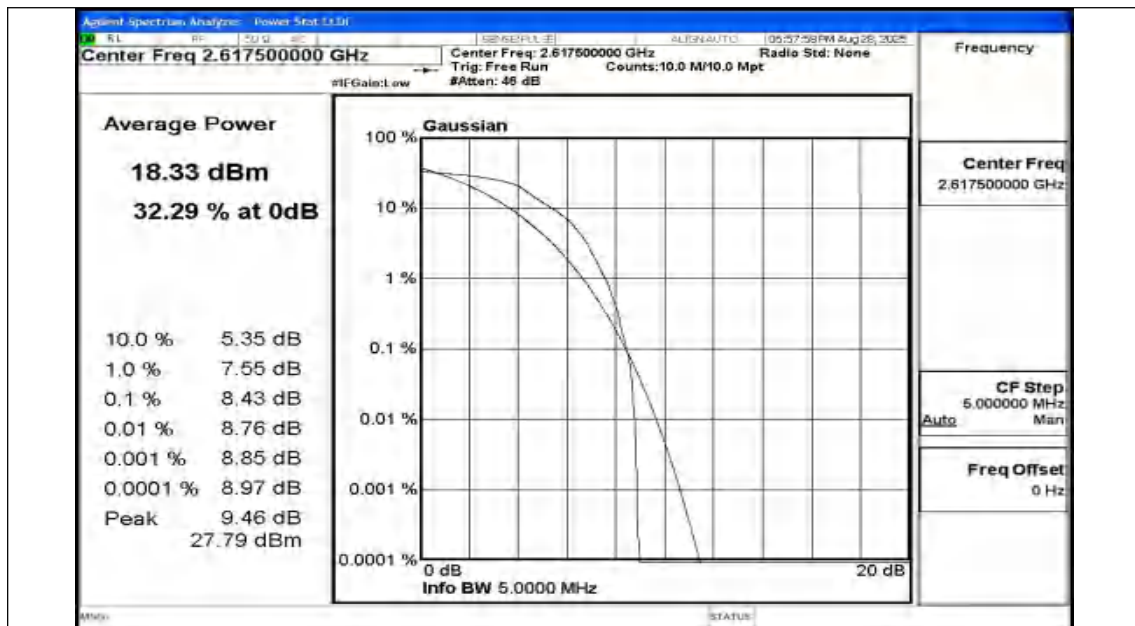
Band38-5MHz-16QAM-38000-1RB#0-PASS



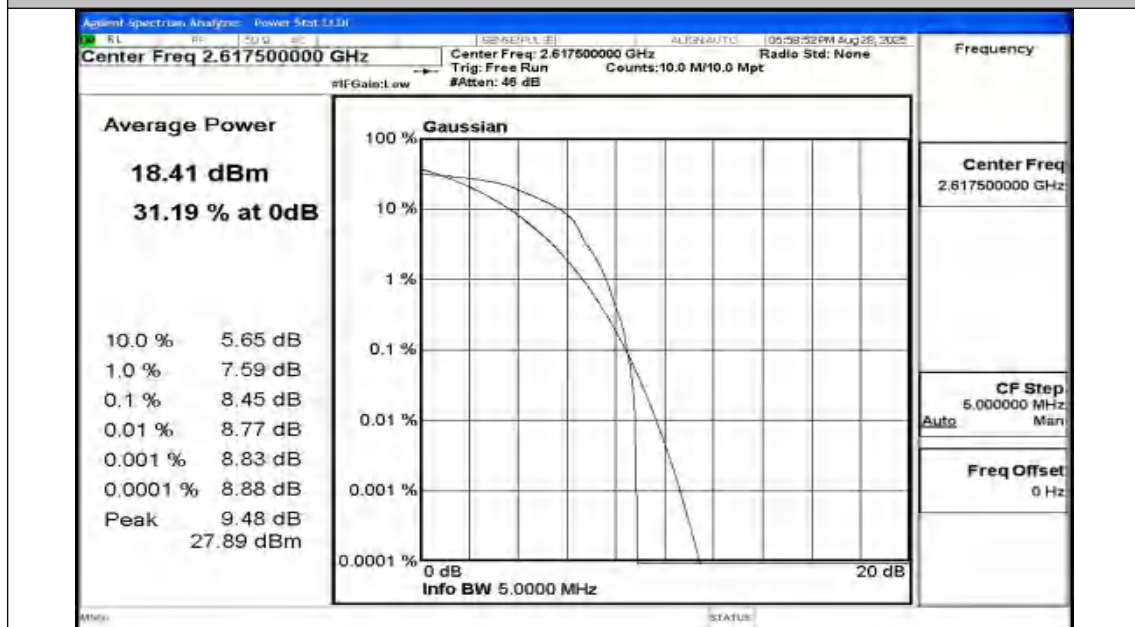
Band38-5MHz-QPSK-38000-25RB#0-PASS



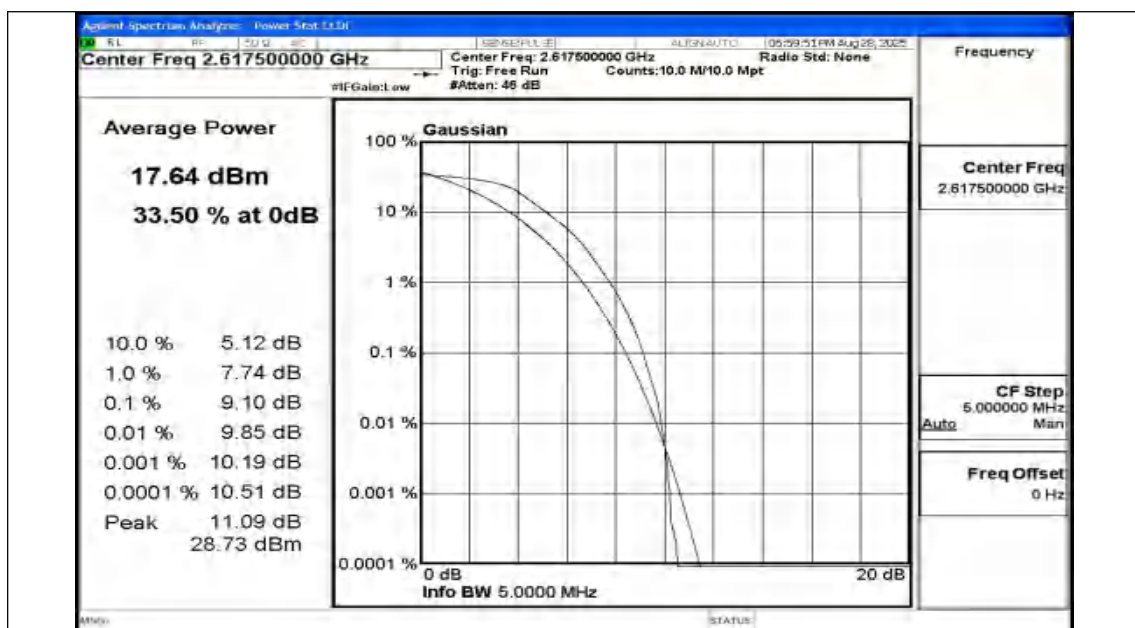
Band38-5MHz-16QAM-38000-25RB#0-PASS



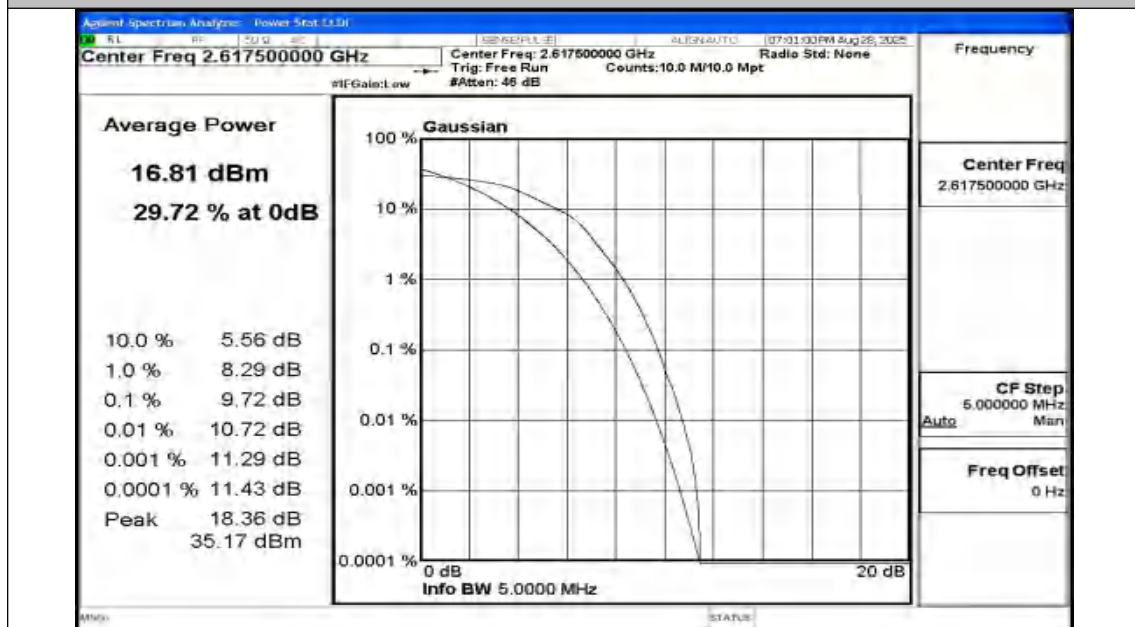
Band38-5MHz-QPSK-38225-1RB#0-PASS



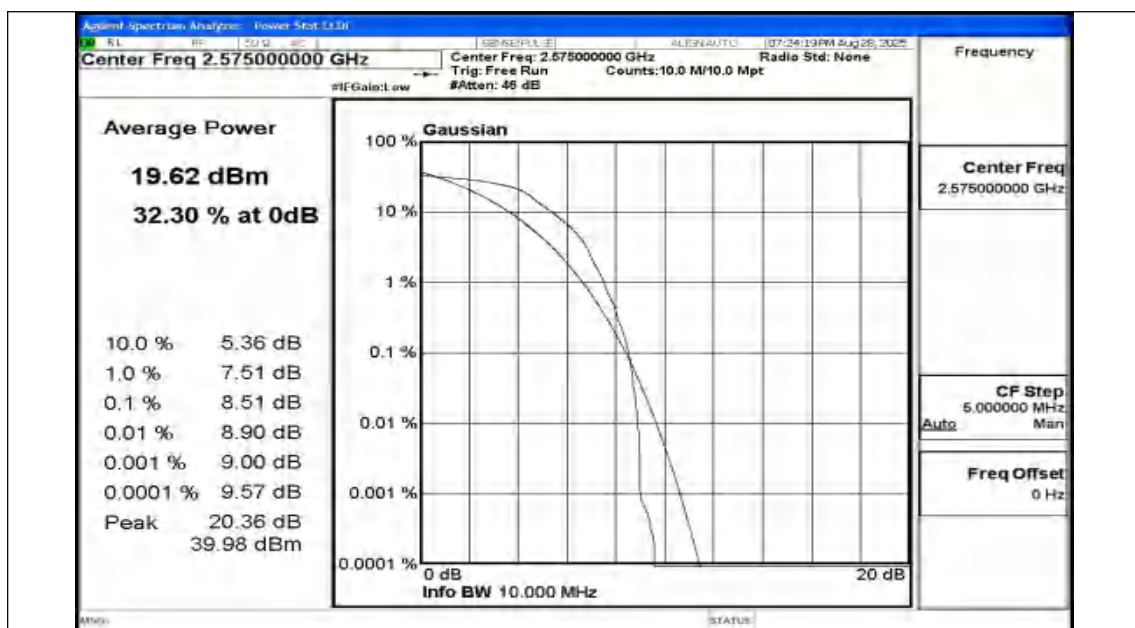
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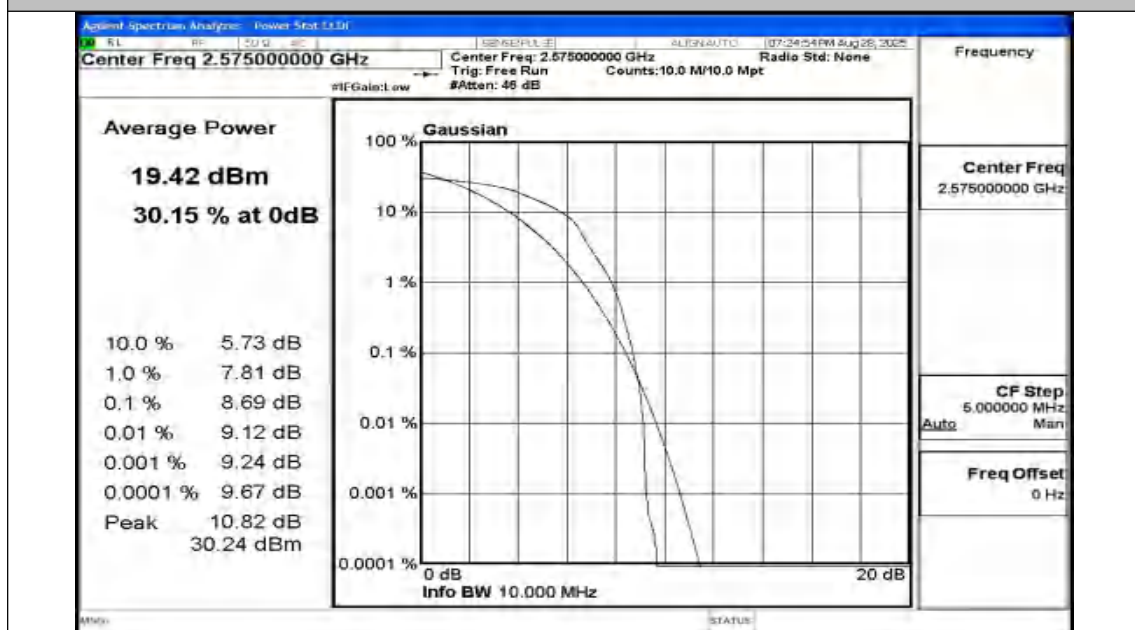
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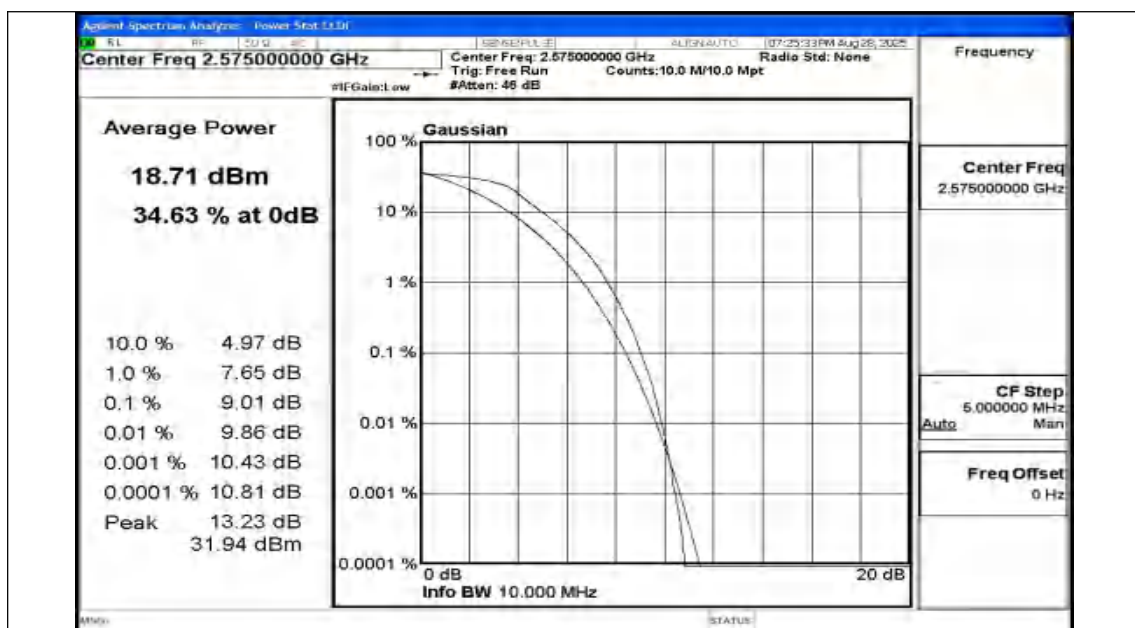
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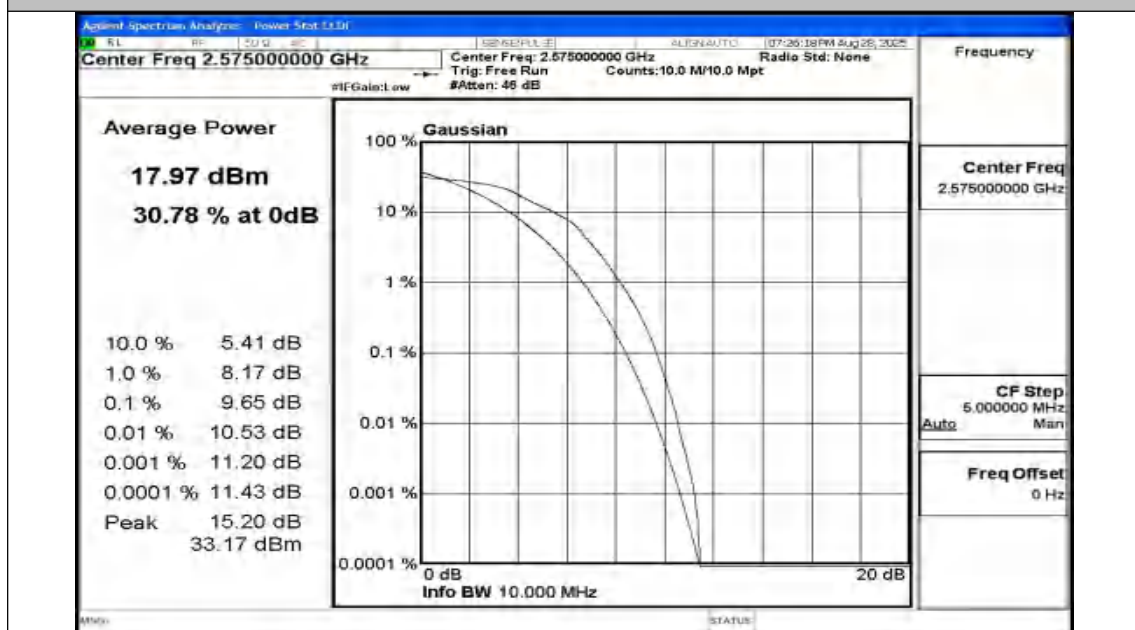
Band38-10MHz-QPSK-37800-1RB#0-PASS



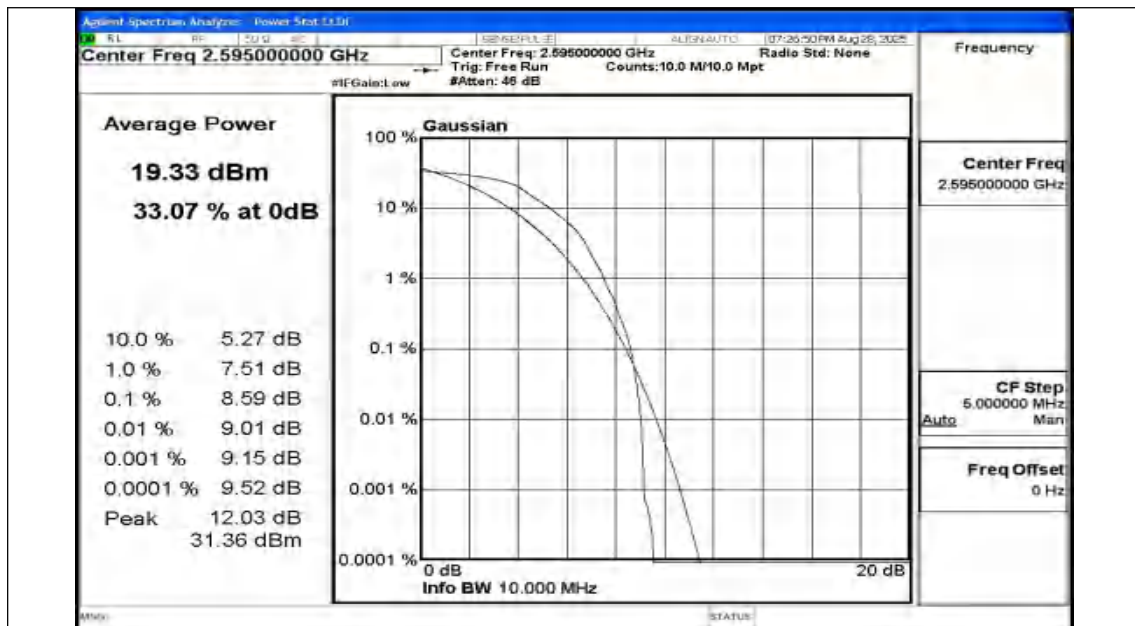
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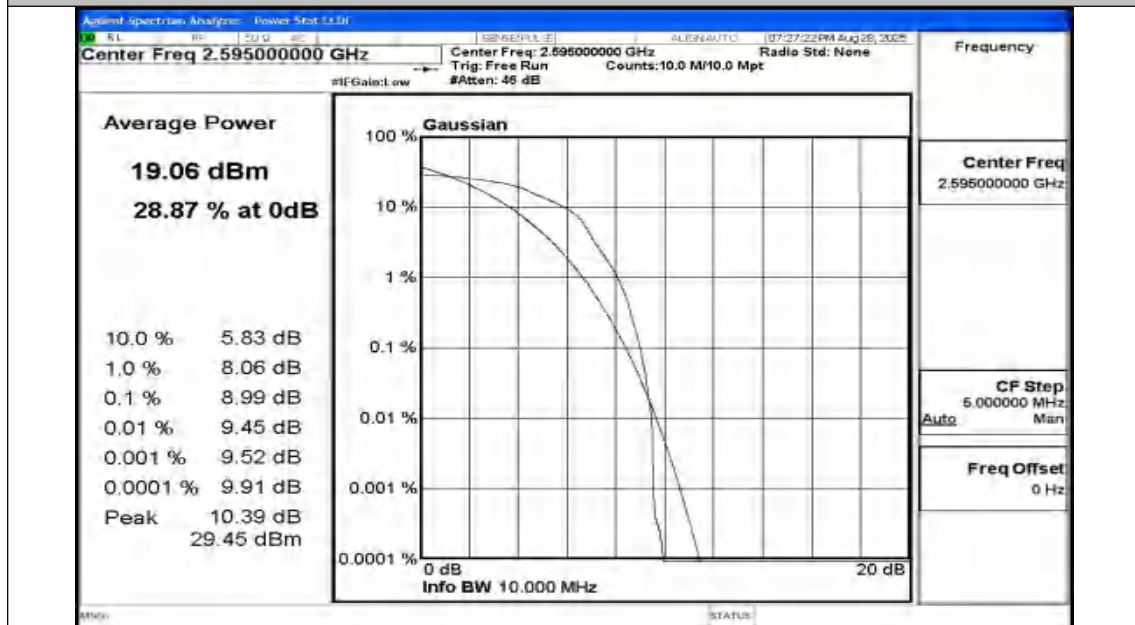
Band38-10MHz-QPSK-37800-50RB#0-PASS



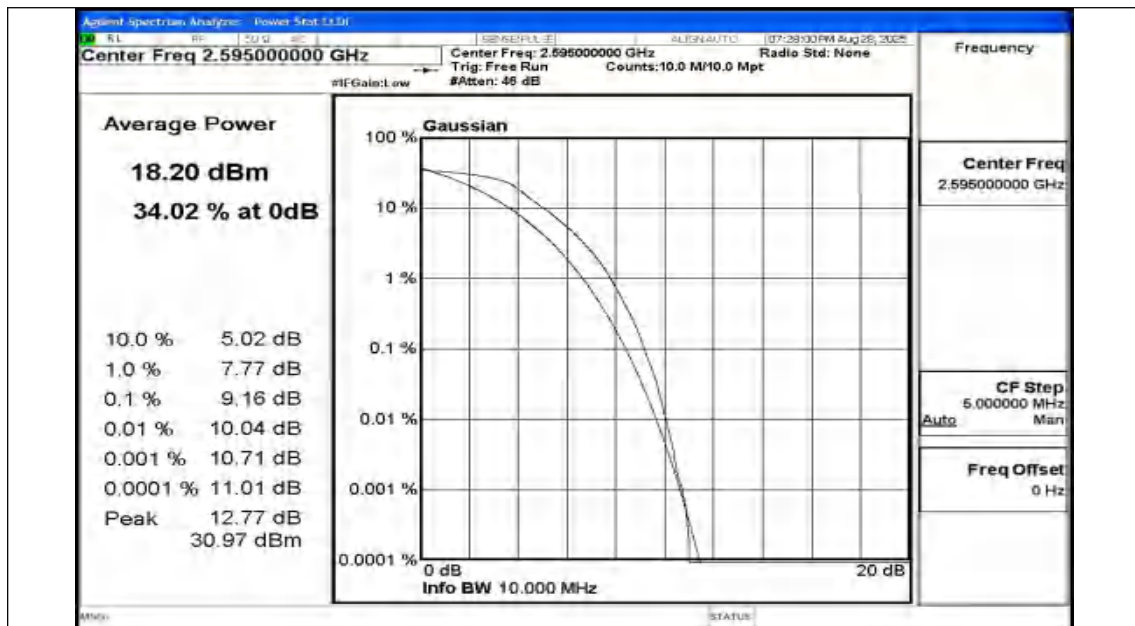
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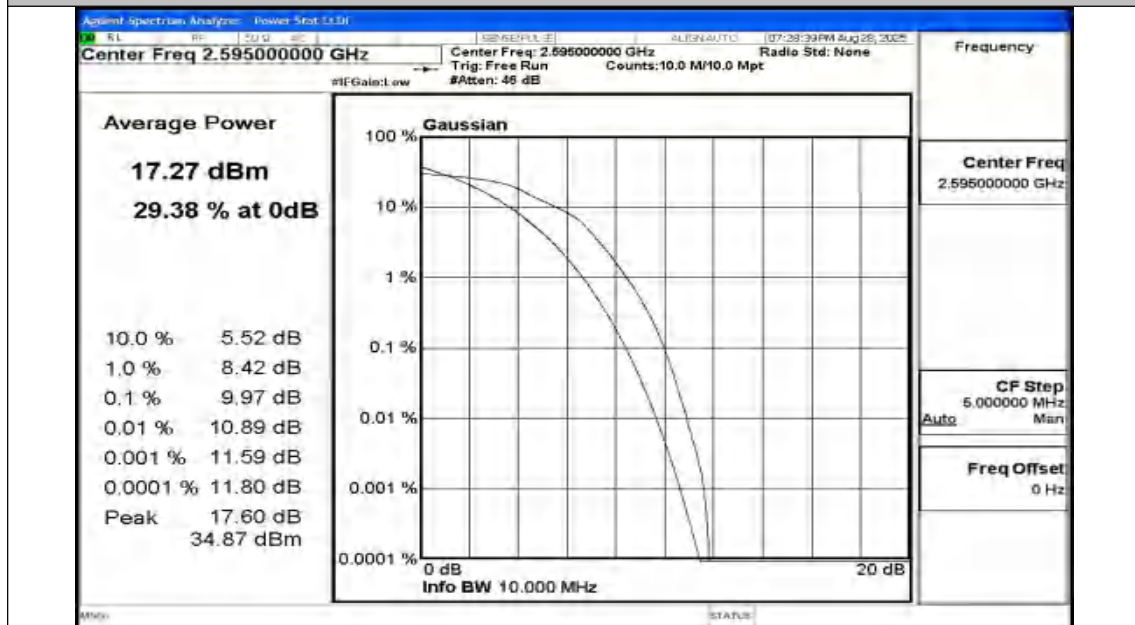
Band38-10MHz-QPSK-38000-1RB#0-PASS



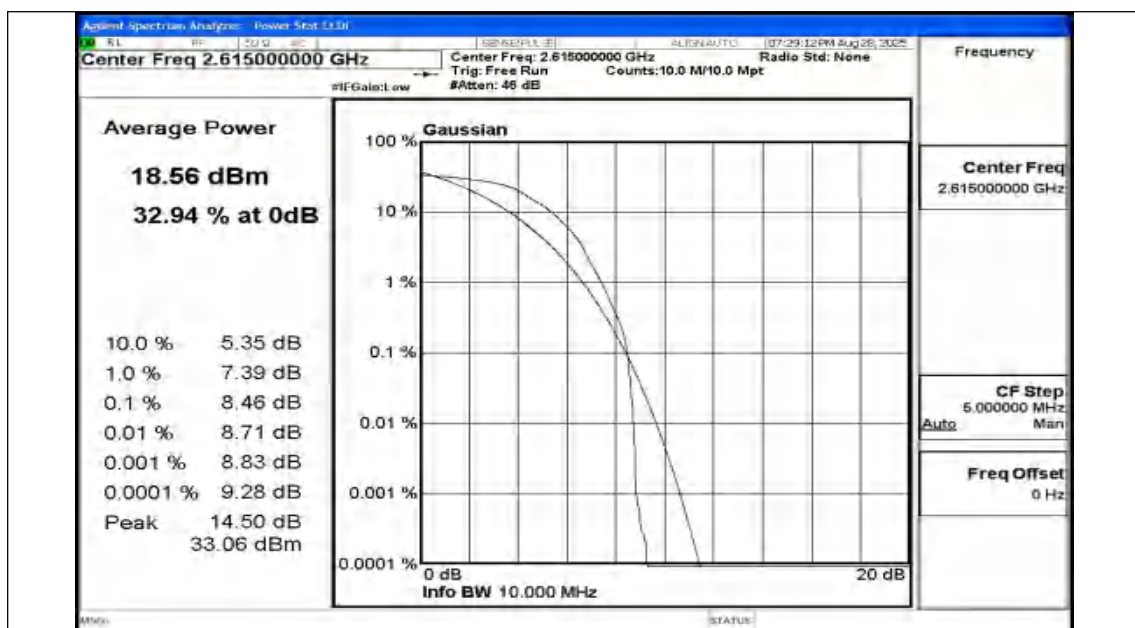
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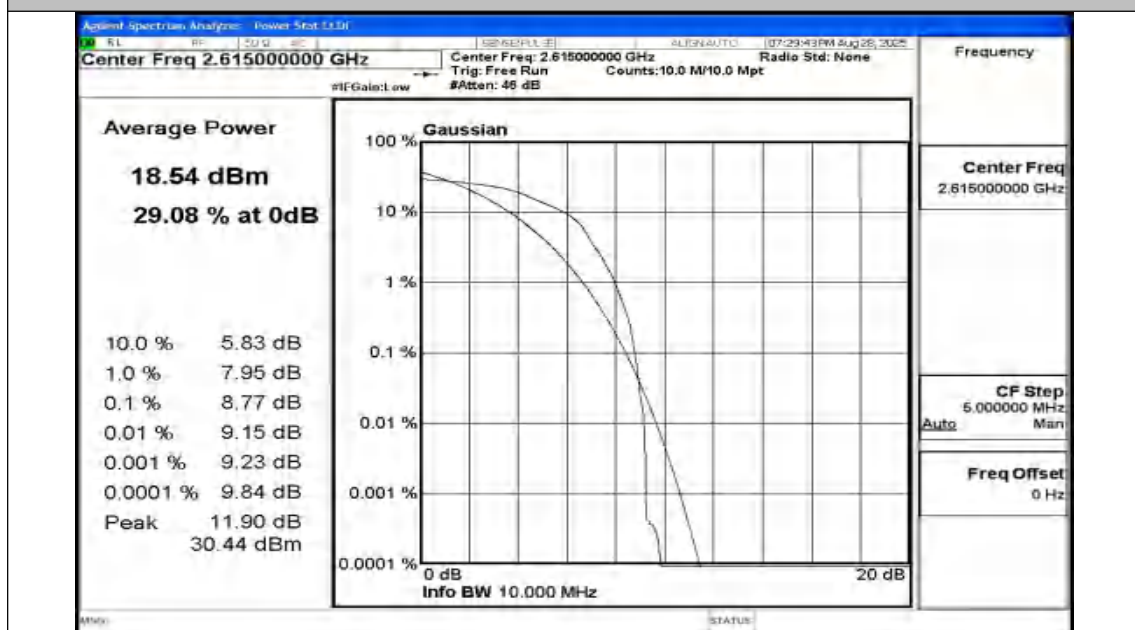
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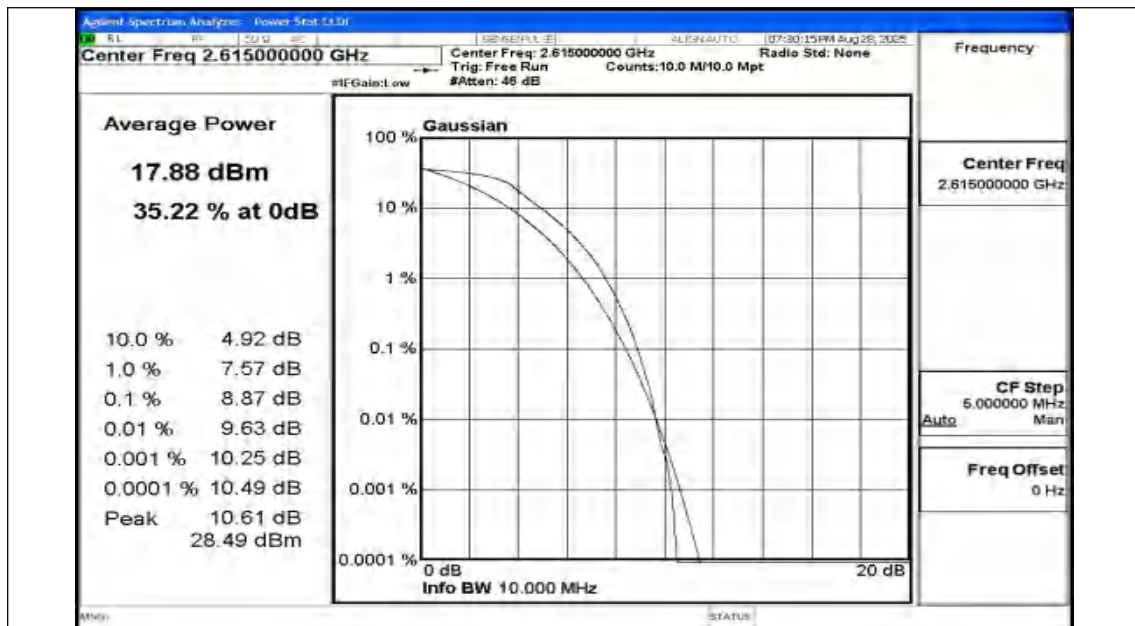
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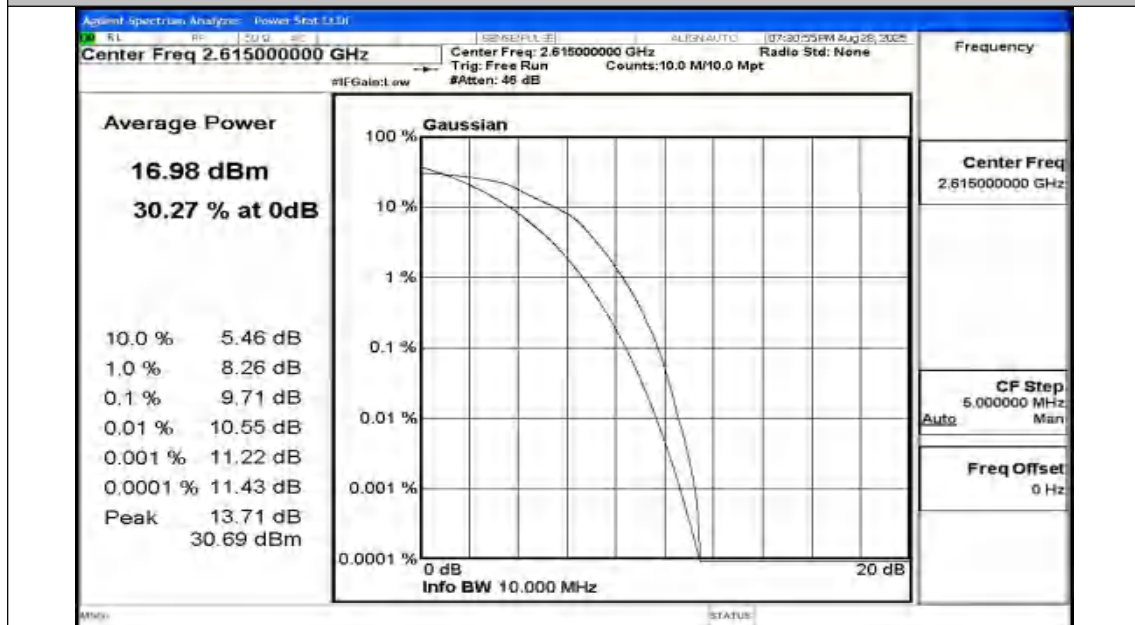
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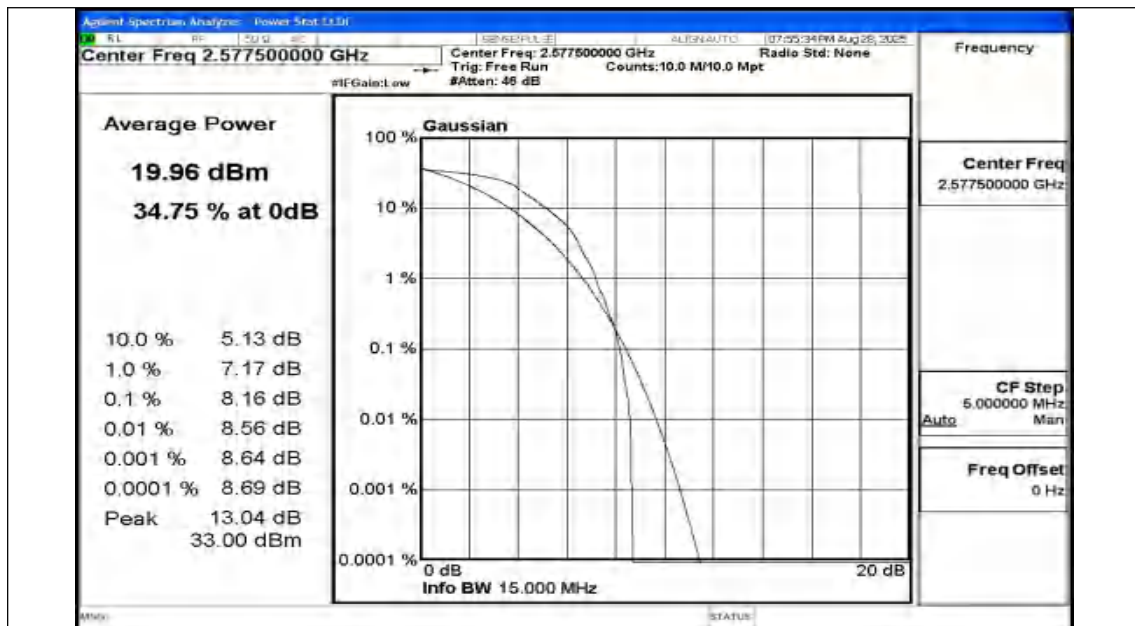
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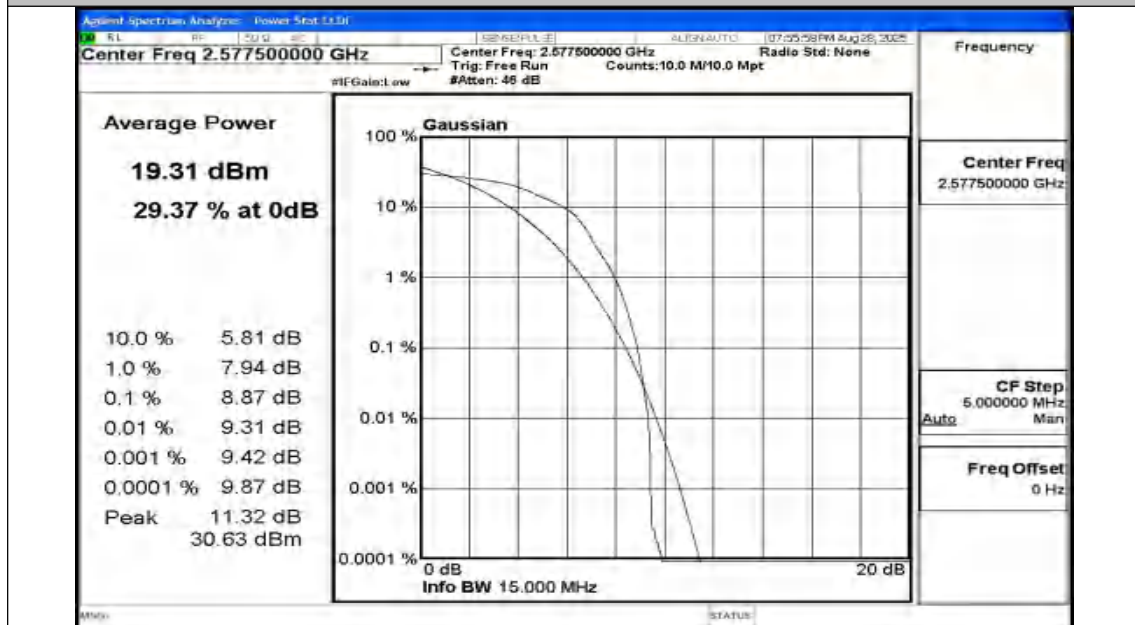
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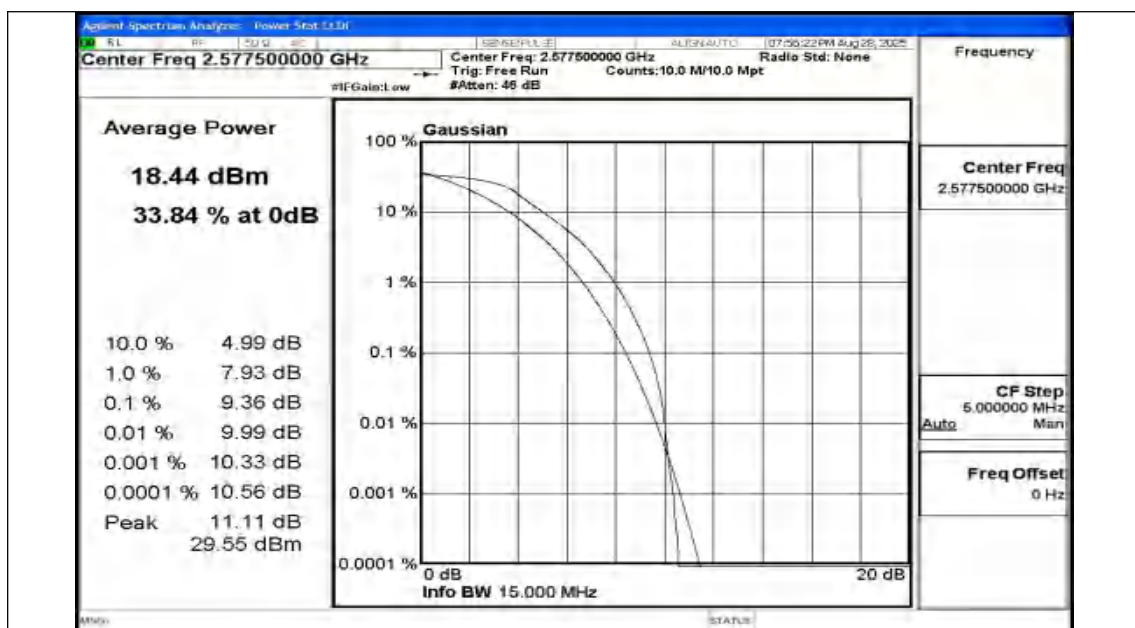
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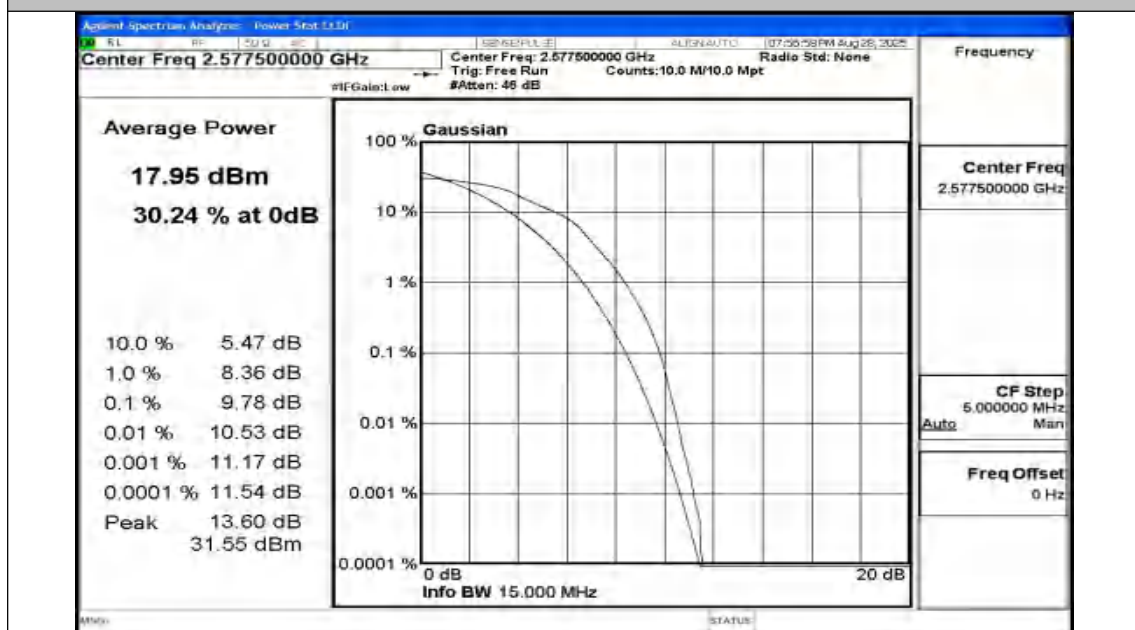
Band38-15MHz-QPSK-37825-1RB#0-PASS



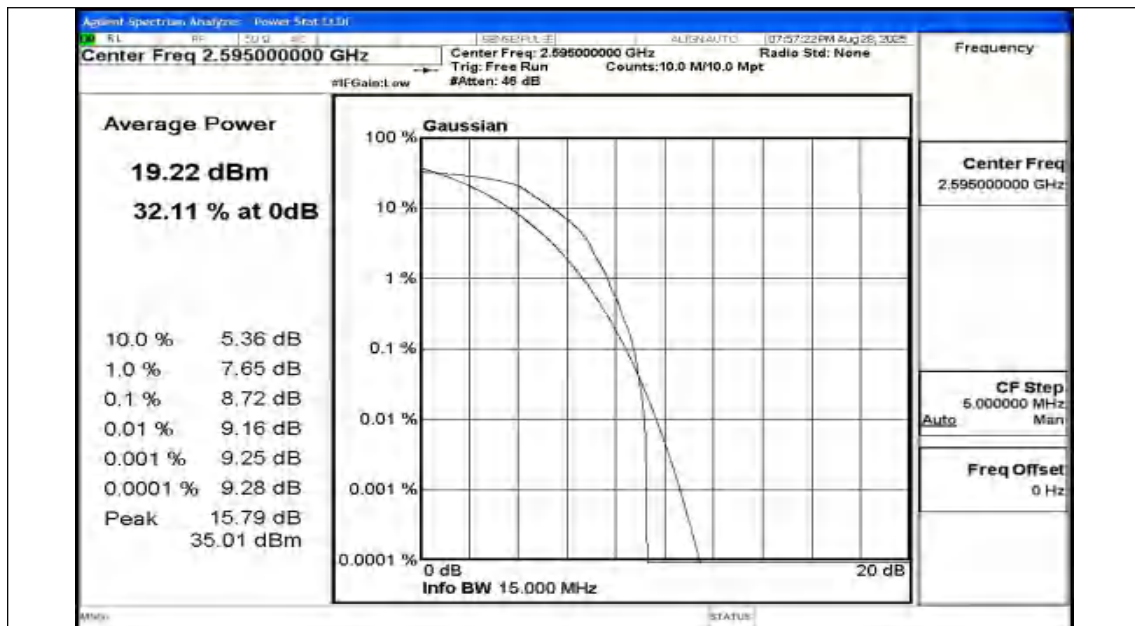
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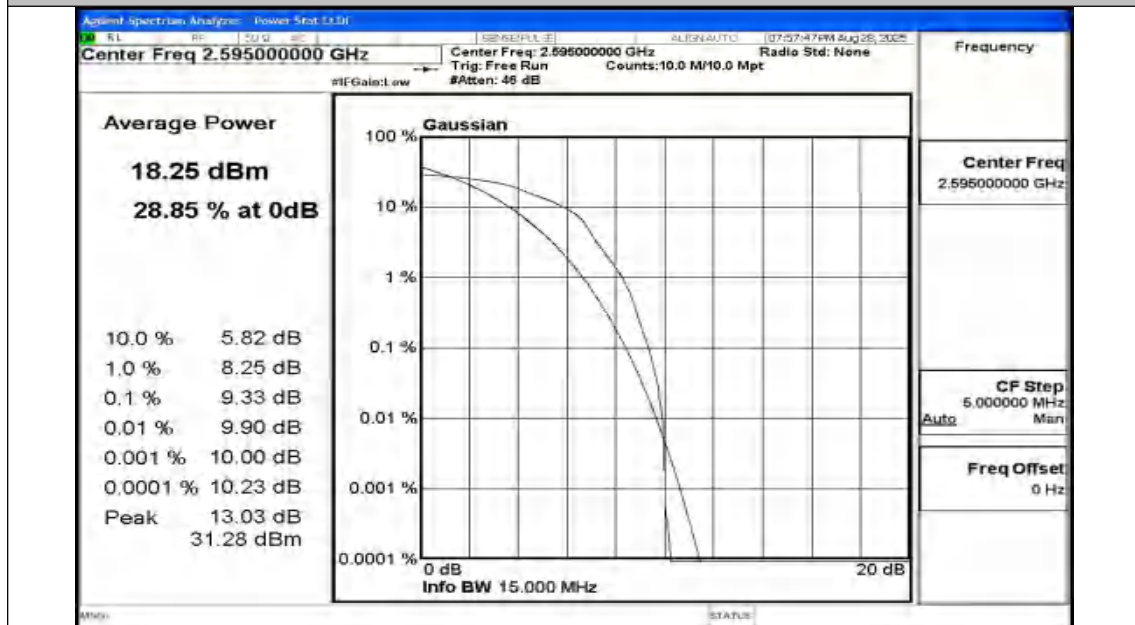
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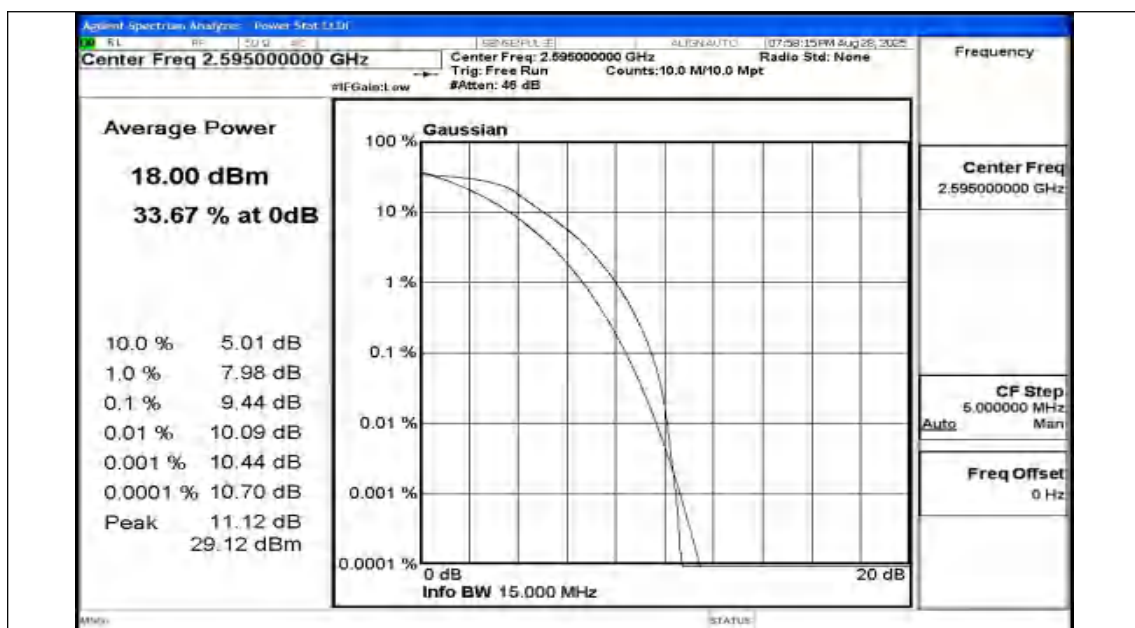
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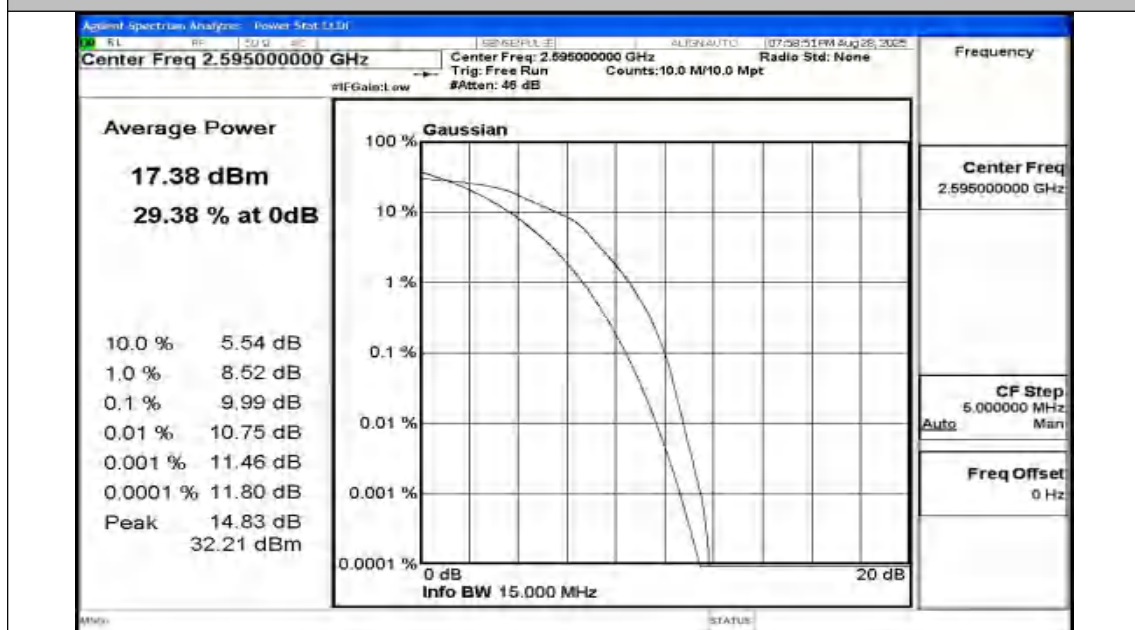
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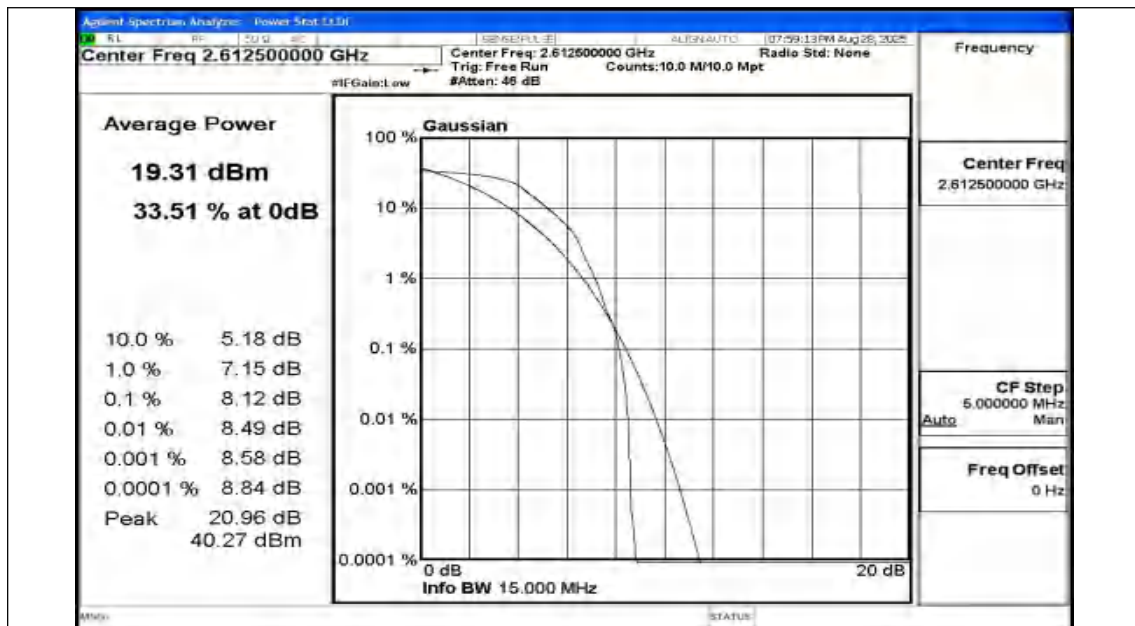
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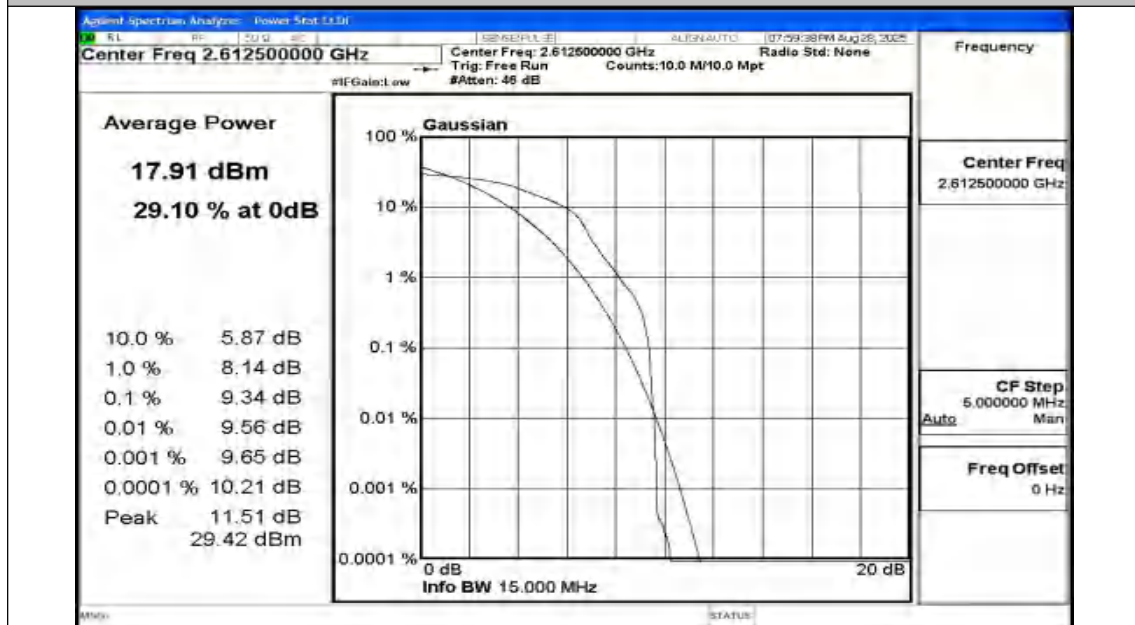
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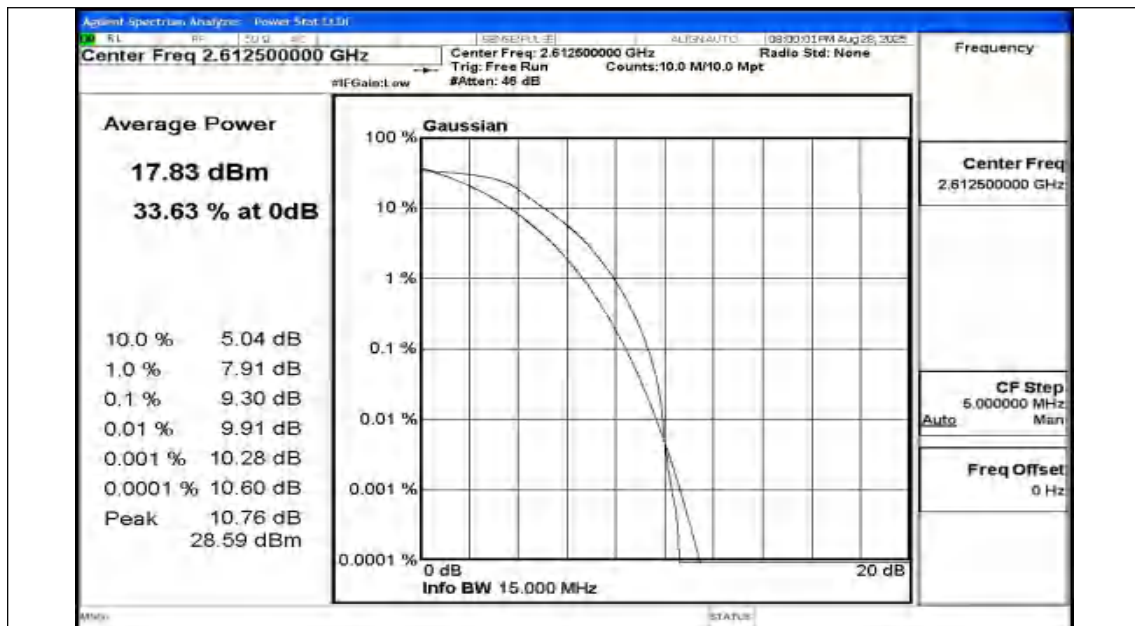
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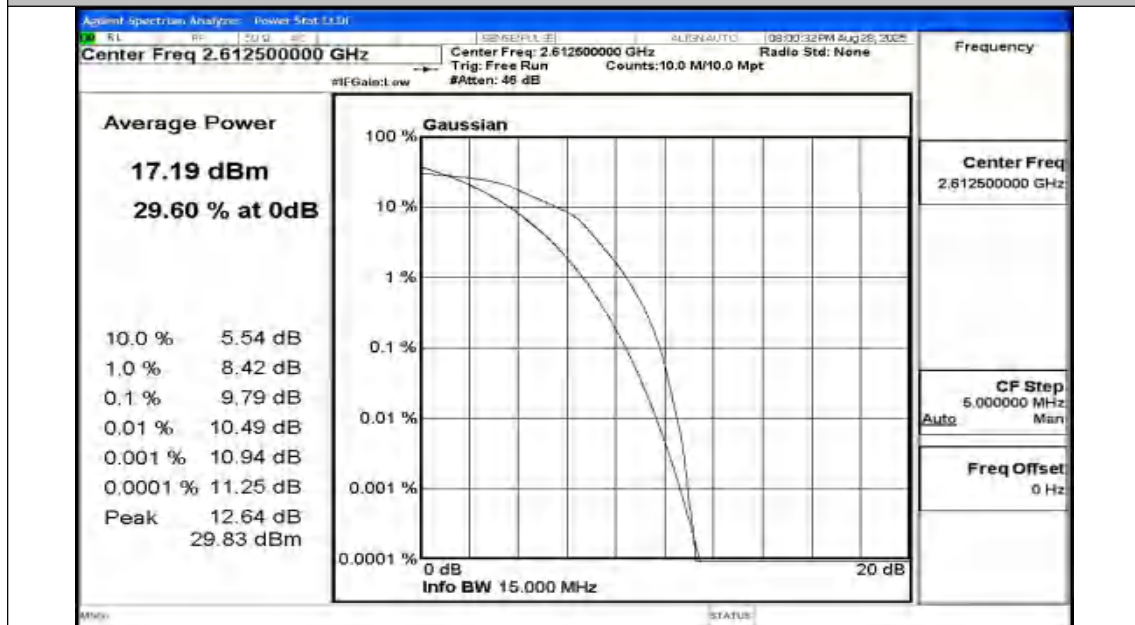
Band38-15MHz-QPSK-38175-1RB#0-PASS



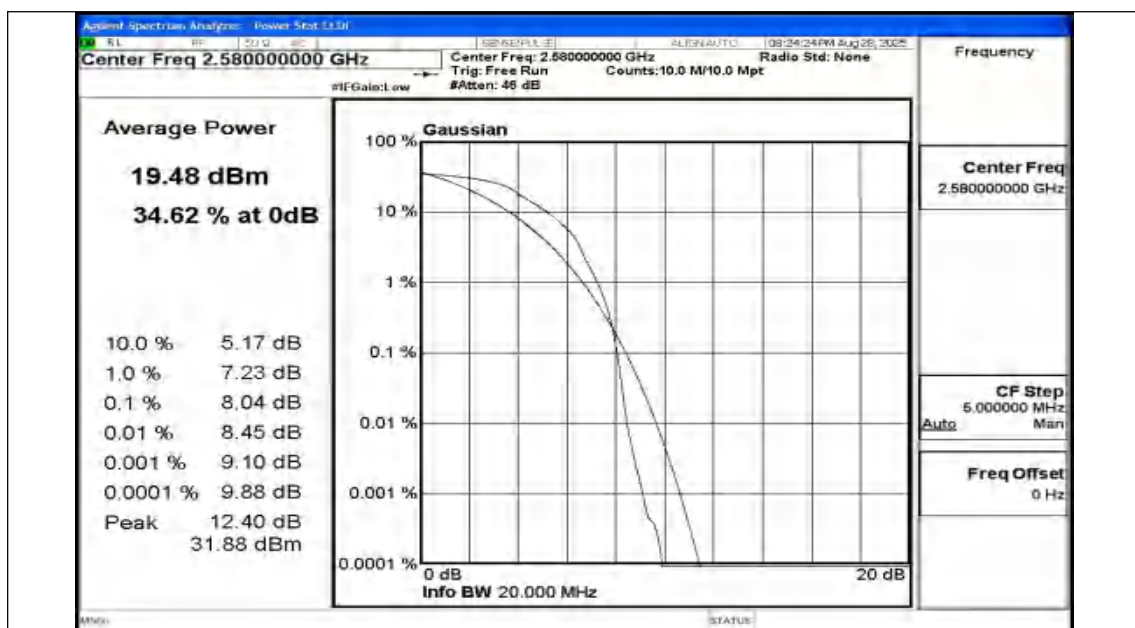
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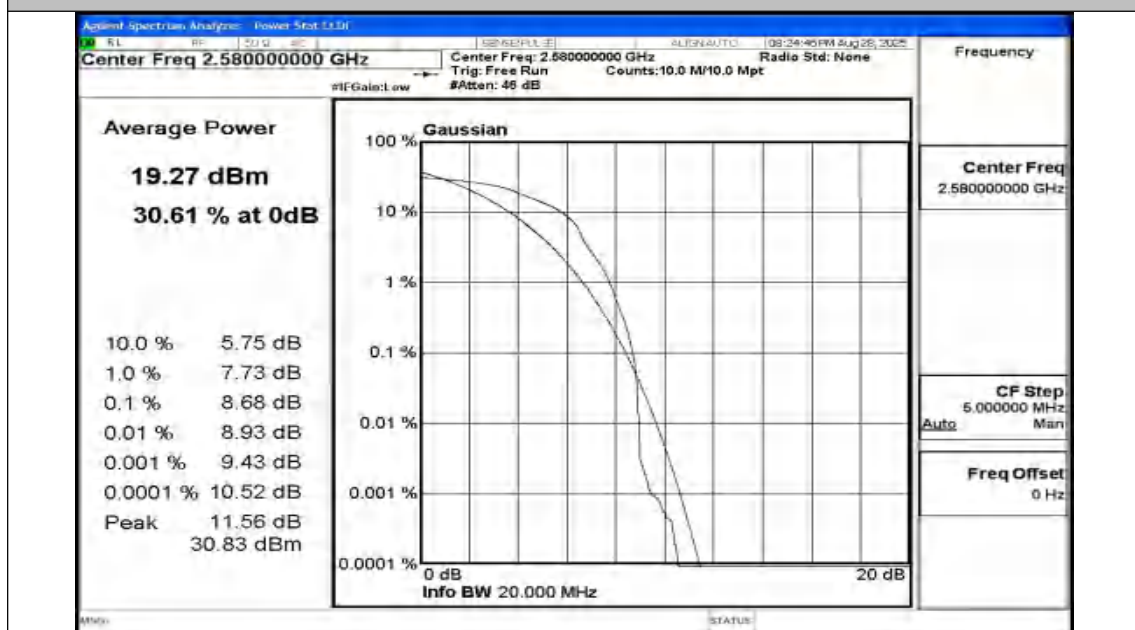
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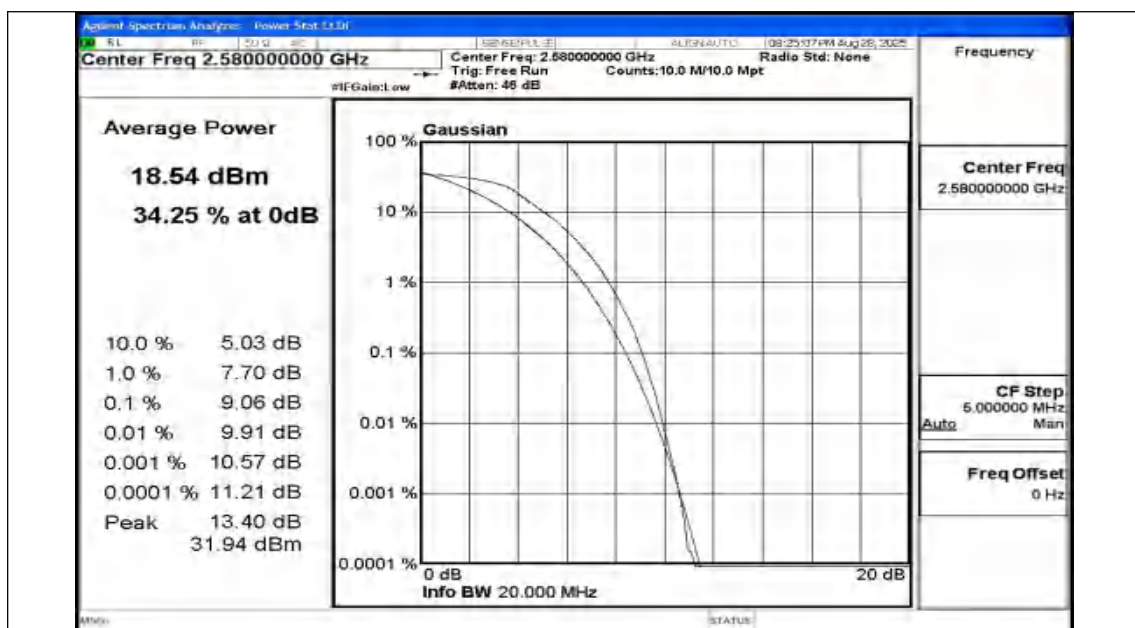
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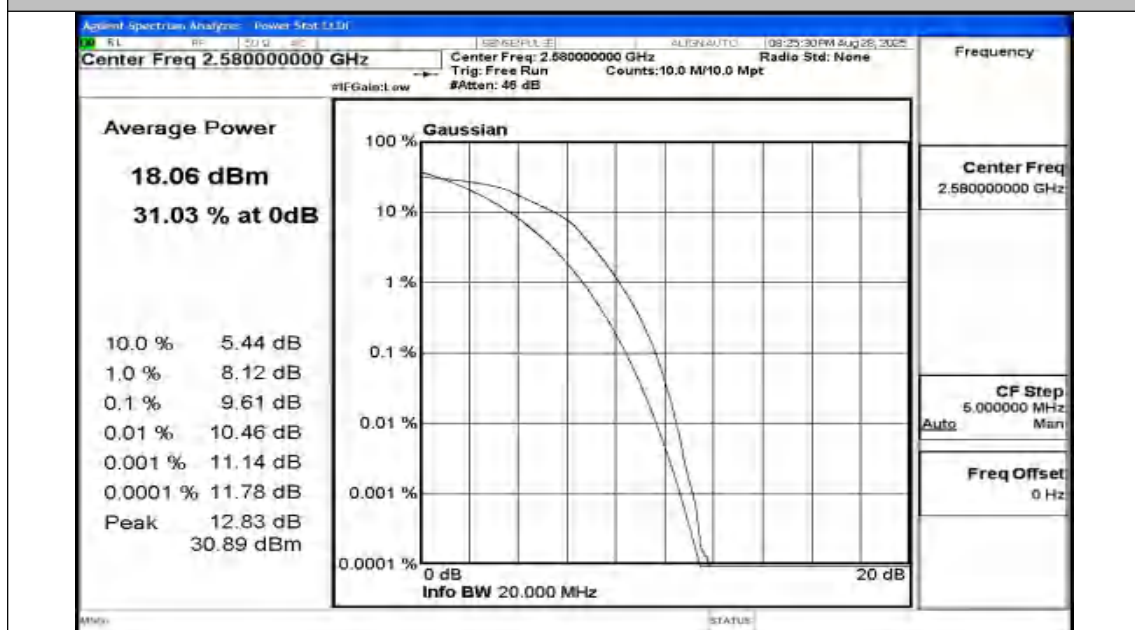
Band38-20MHz-QPSK-37850-1RB#0-PASS



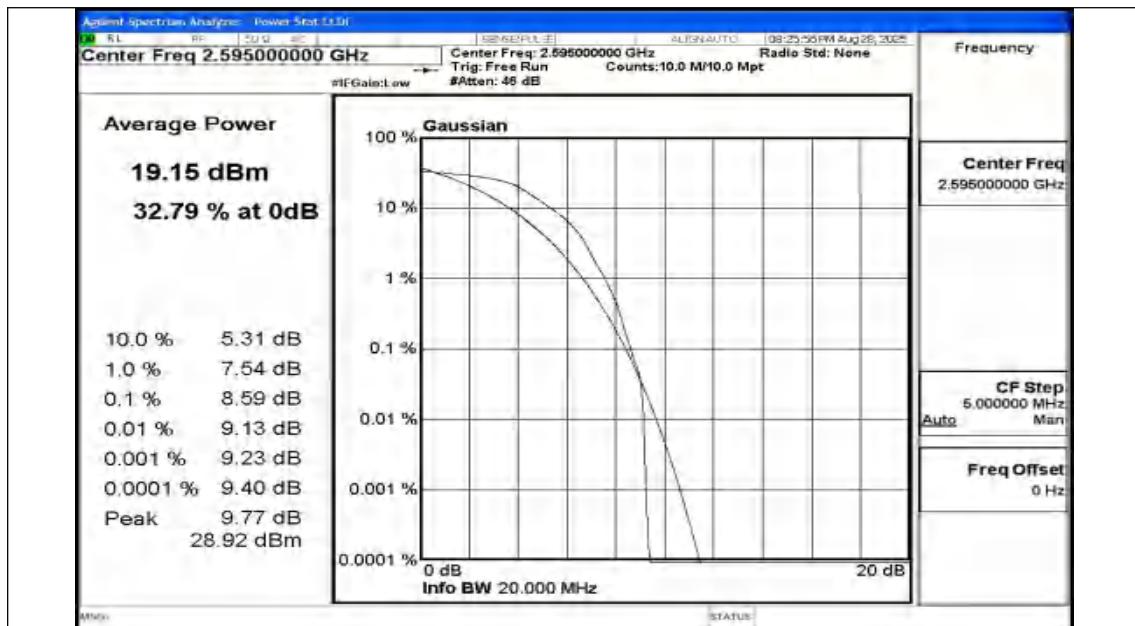
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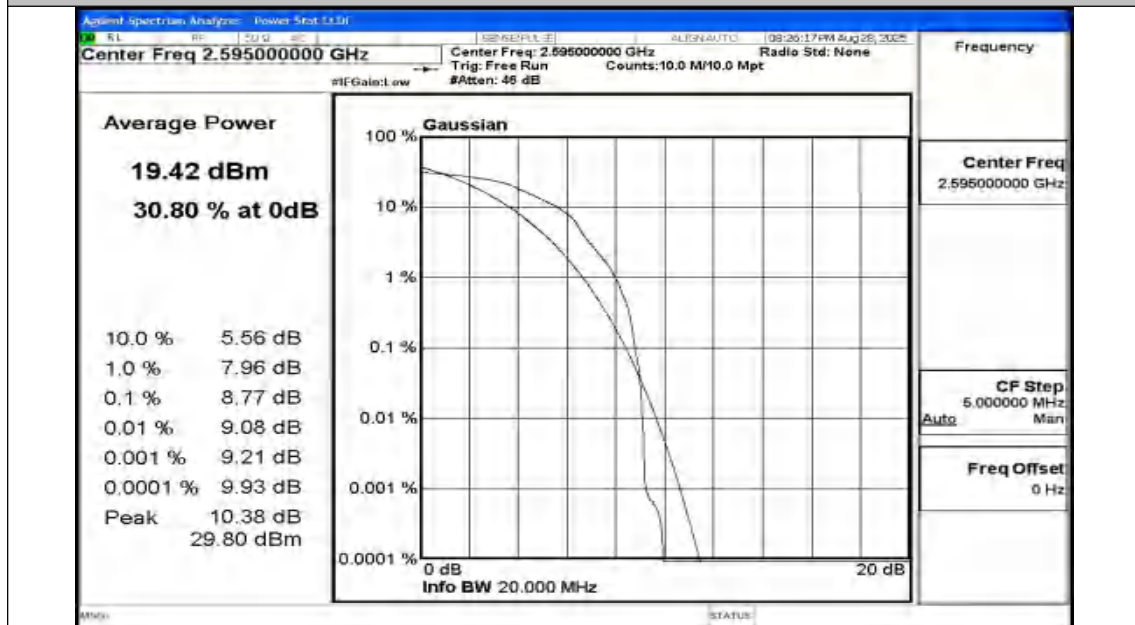
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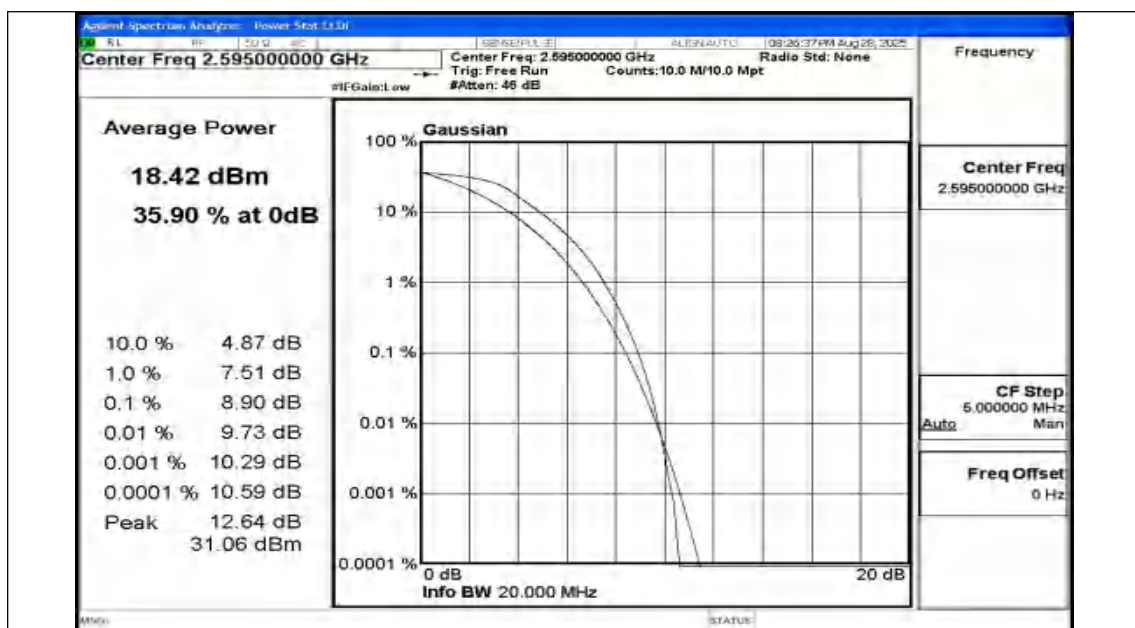
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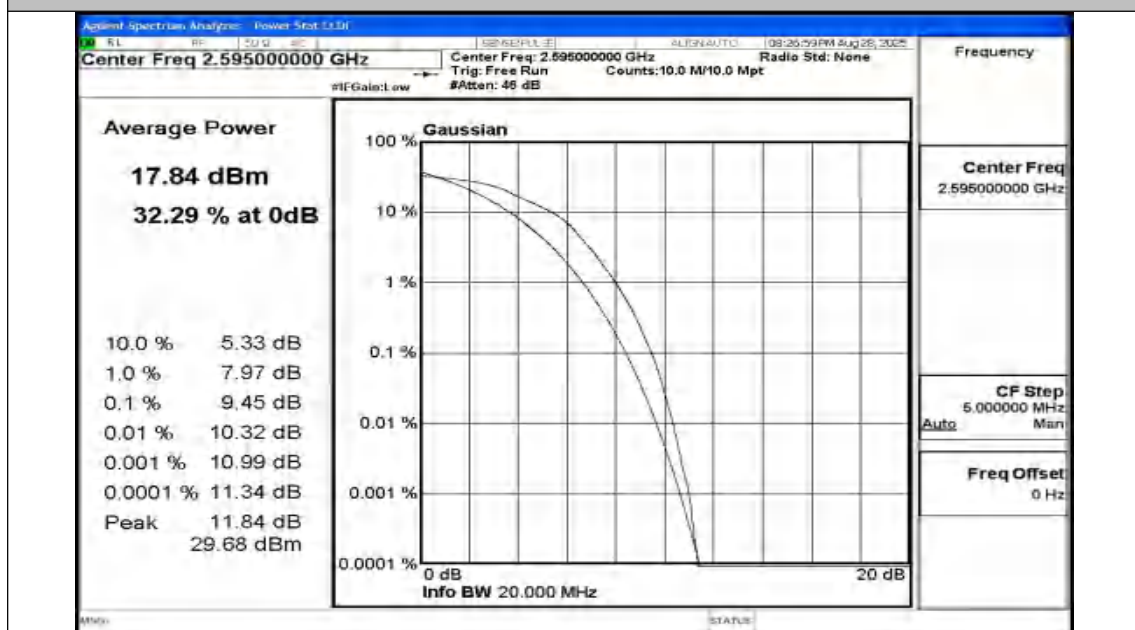
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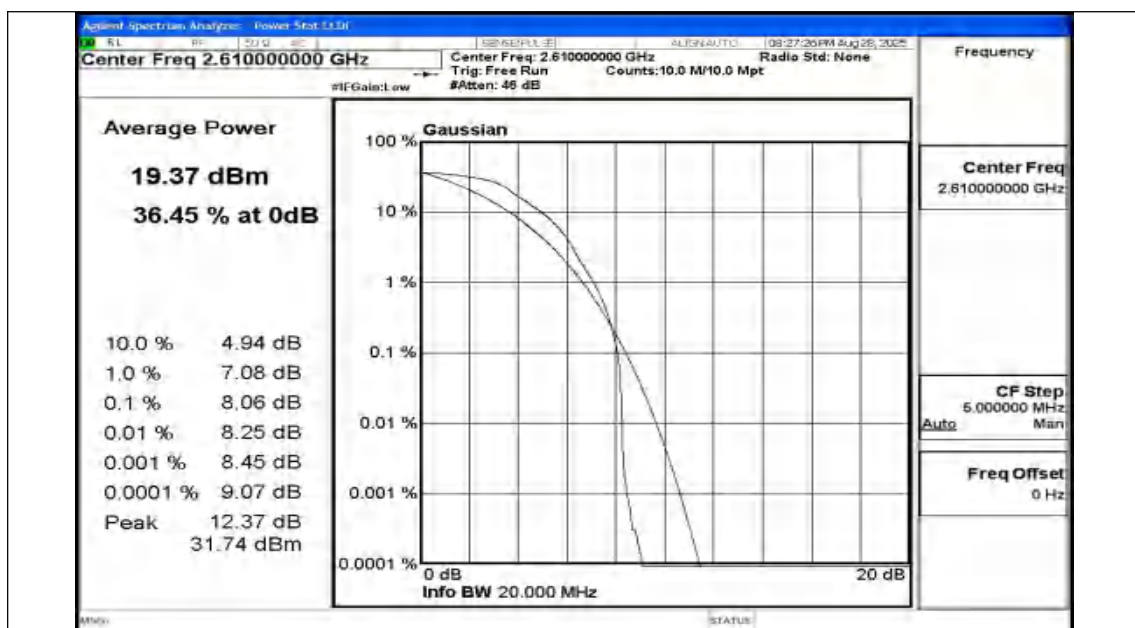
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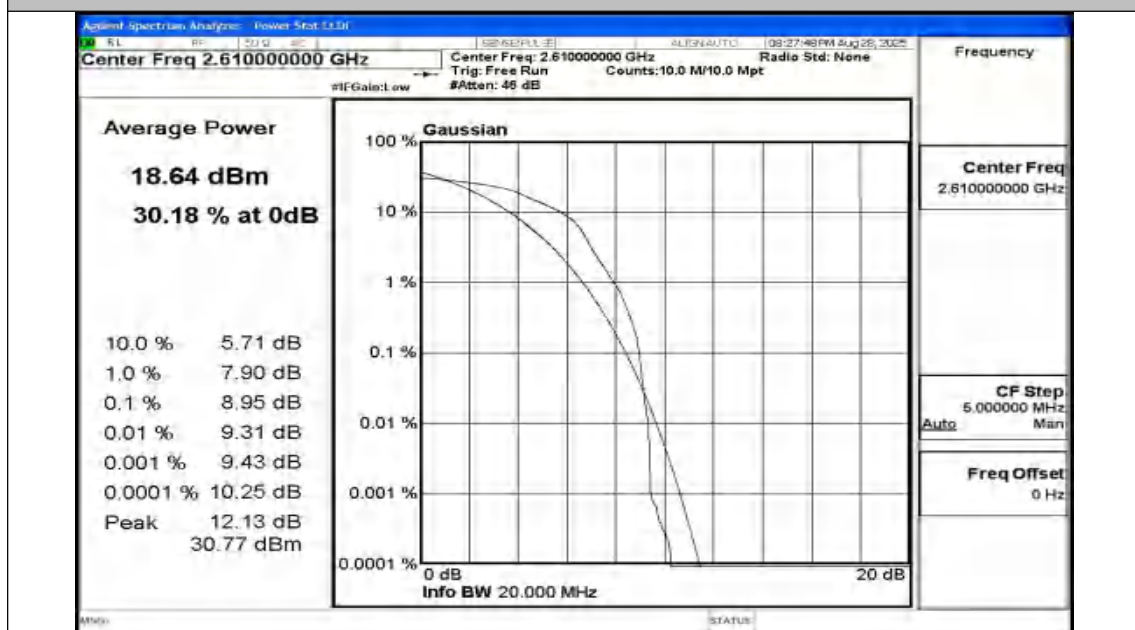
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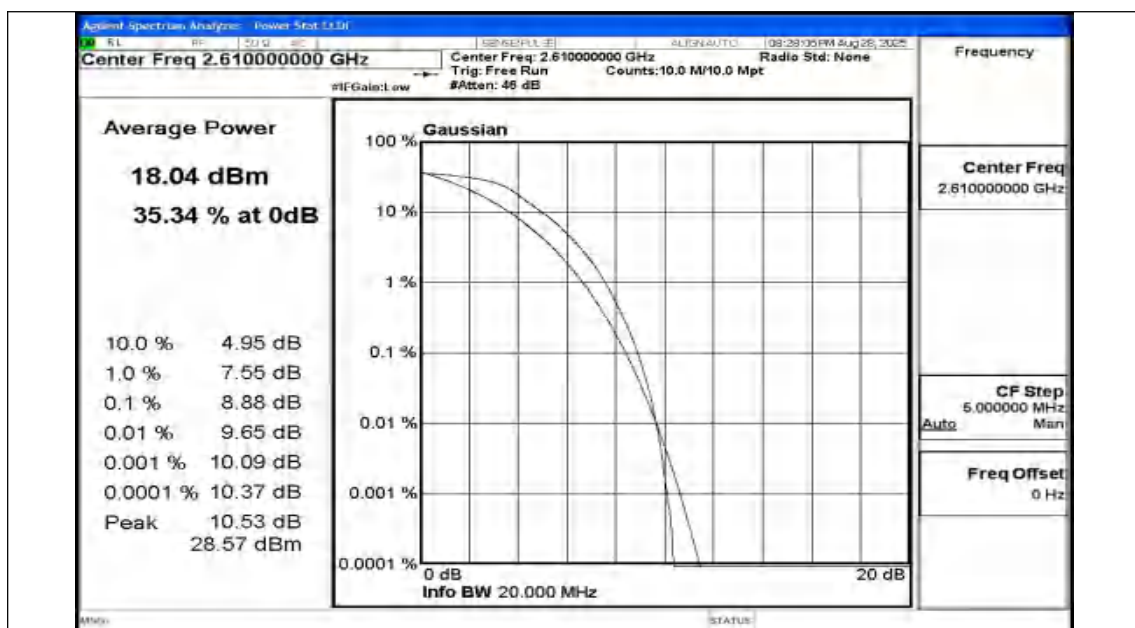
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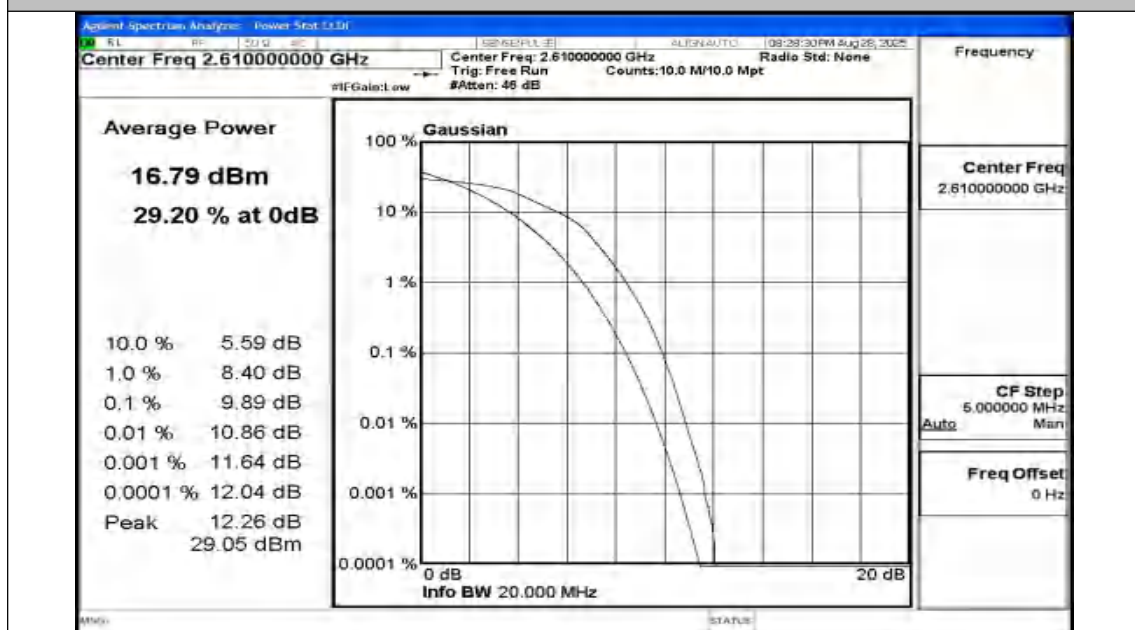
Band38-20MHz-QPSK-38150-1RB#0-PASS



Band38-20MHz-16QAM-38150-1RB#0-PASS



Band38-20MHz-QPSK-38150-100RB#0-PASS



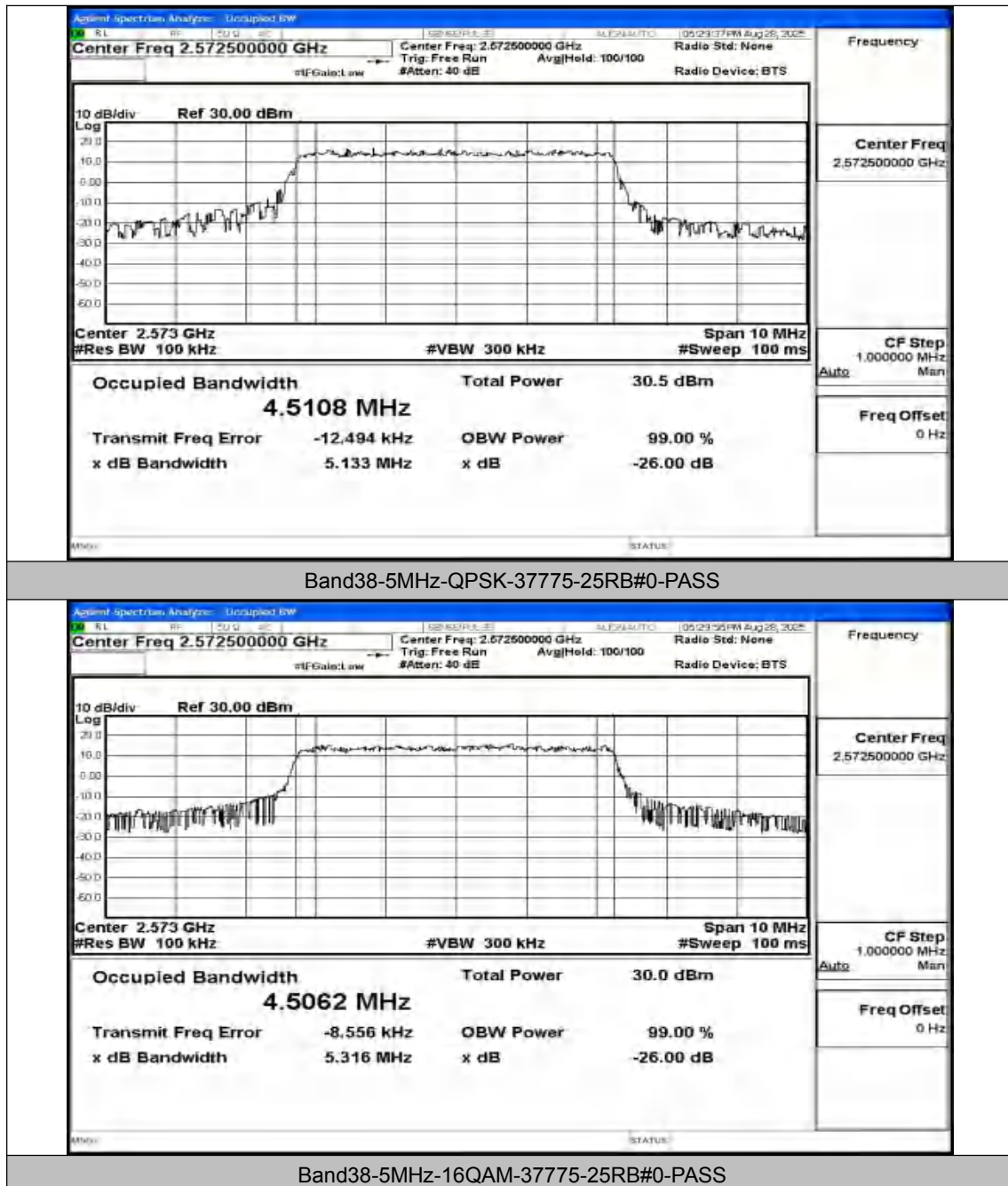
Band38-20MHz-16QAM-38150-100RB#0-PASS

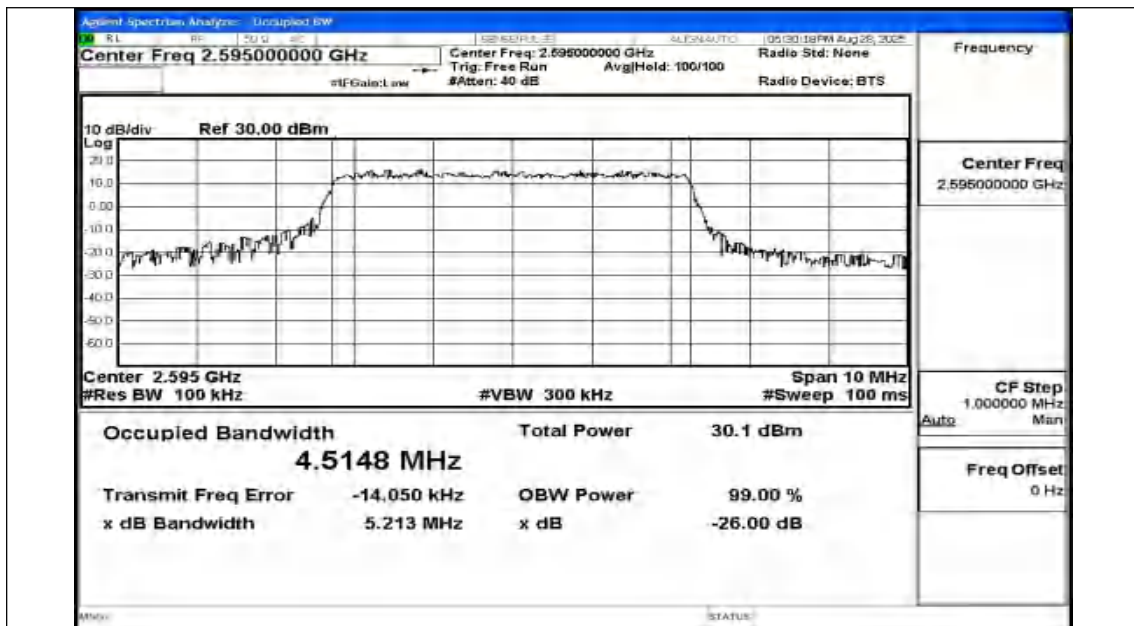
### 3 26dB Bandwidth and Occupied Bandwidth

#### Test Result

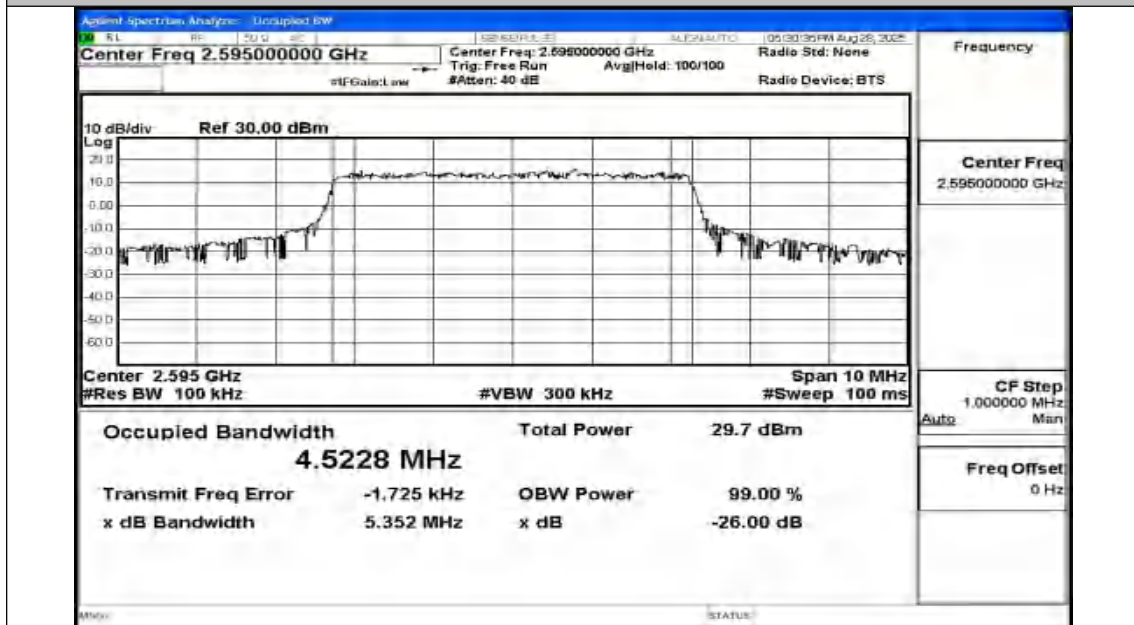
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 4.5108                   | 5.133                | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 4.5062                   | 5.316                | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 25RB#0           | 4.5148                   | 5.213                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 25RB#0           | 4.5228                   | 5.352                | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 4.5052                   | 5.294                | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 4.5022                   | 5.329                | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 9.0169                   | 10.18                | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 8.9866                   | 10.09                | PASS    |
| Band38 | 10MHz     | QPSK       | 38000   | 50RB#0           | 8.9781                   | 10.12                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38000   | 50RB#0           | 8.9693                   | 10.14                | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 9.0102                   | 10.27                | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 8.9765                   | 10.97                | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 13.509                   | 15.30                | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 13.525                   | 15.34                | PASS    |
| Band38 | 15MHz     | QPSK       | 38000   | 75RB#0           | 13.431                   | 15.40                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38000   | 75RB#0           | 13.525                   | 15.88                | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 13.432                   | 15.97                | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 13.532                   | 16.62                | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 18.015                   | 20.93                | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 17.962                   | 20.59                | PASS    |
| Band38 | 20MHz     | QPSK       | 38000   | 100RB#0          | 18.019                   | 21.10                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38000   | 100RB#0          | 17.948                   | 20.82                | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 17.911                   | 19.90                | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 17.942                   | 20.23                | PASS    |

## Test Graphs

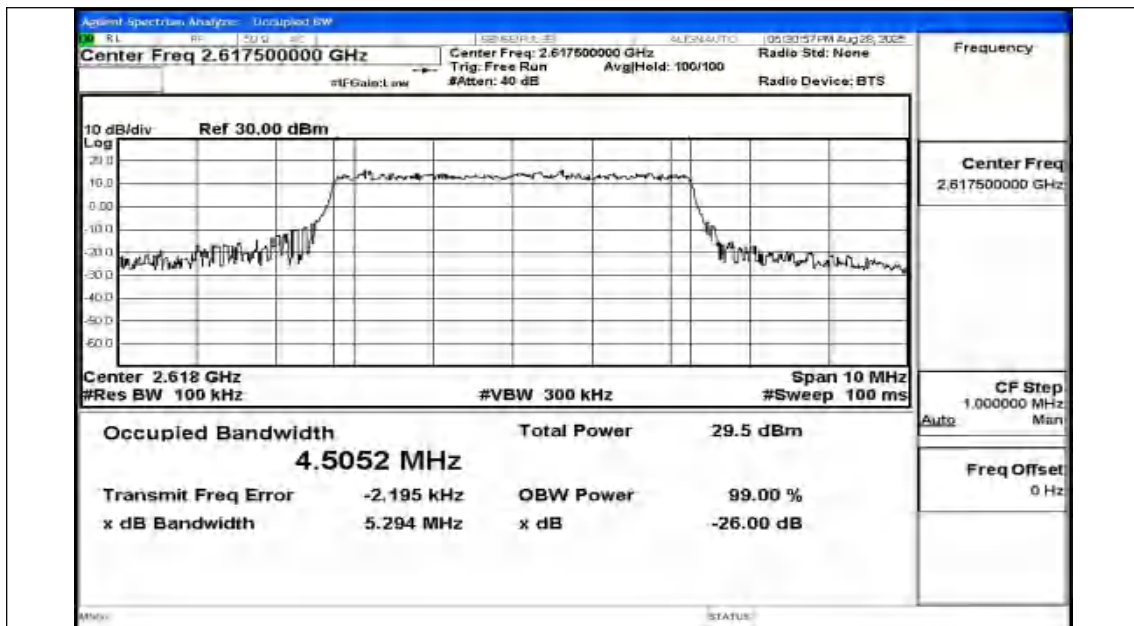




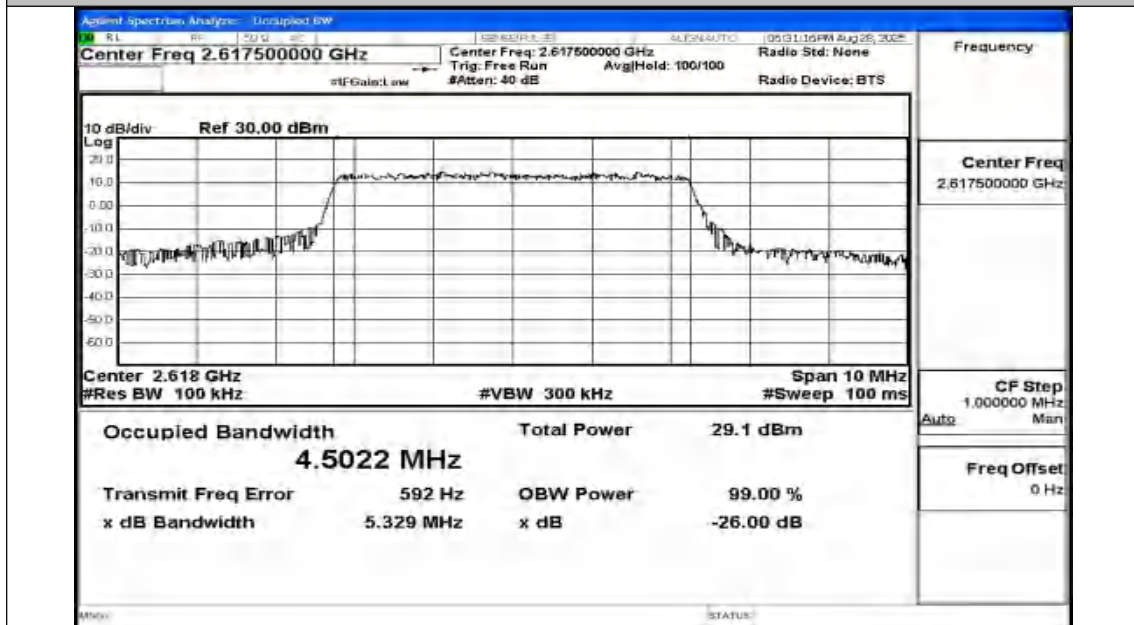
Band38-5MHz-QPSK-38000-25RB#0-PASS



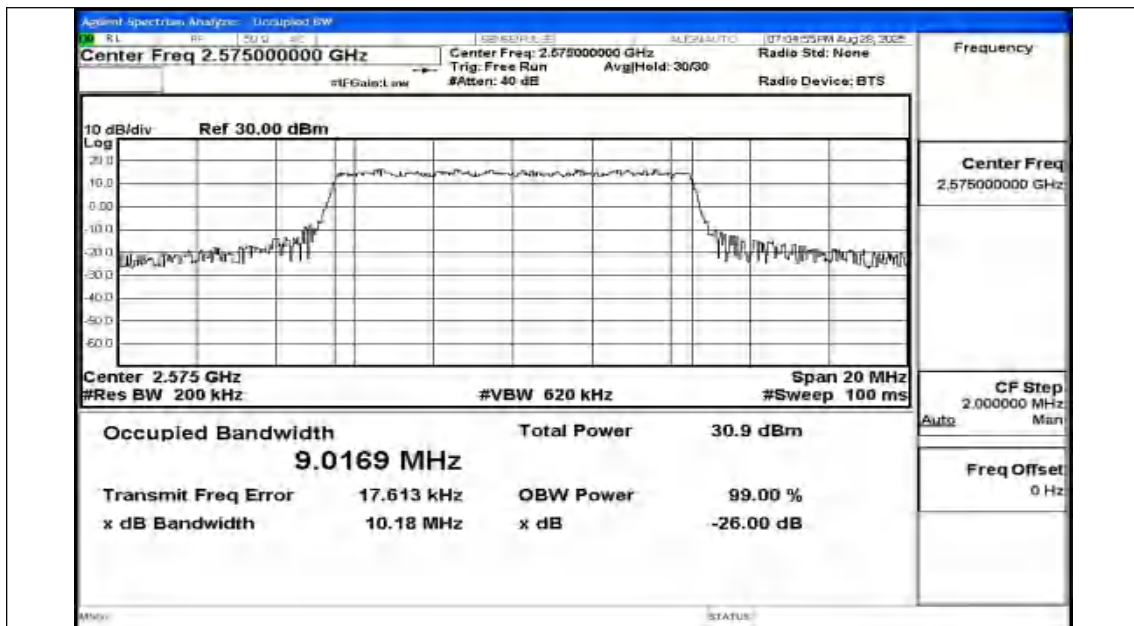
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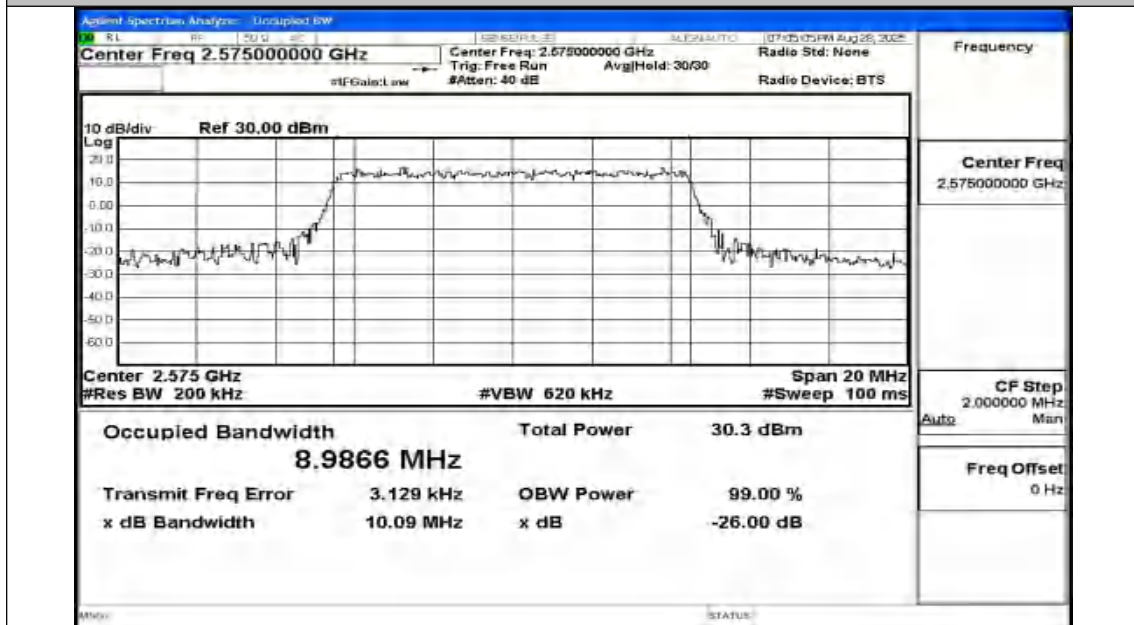
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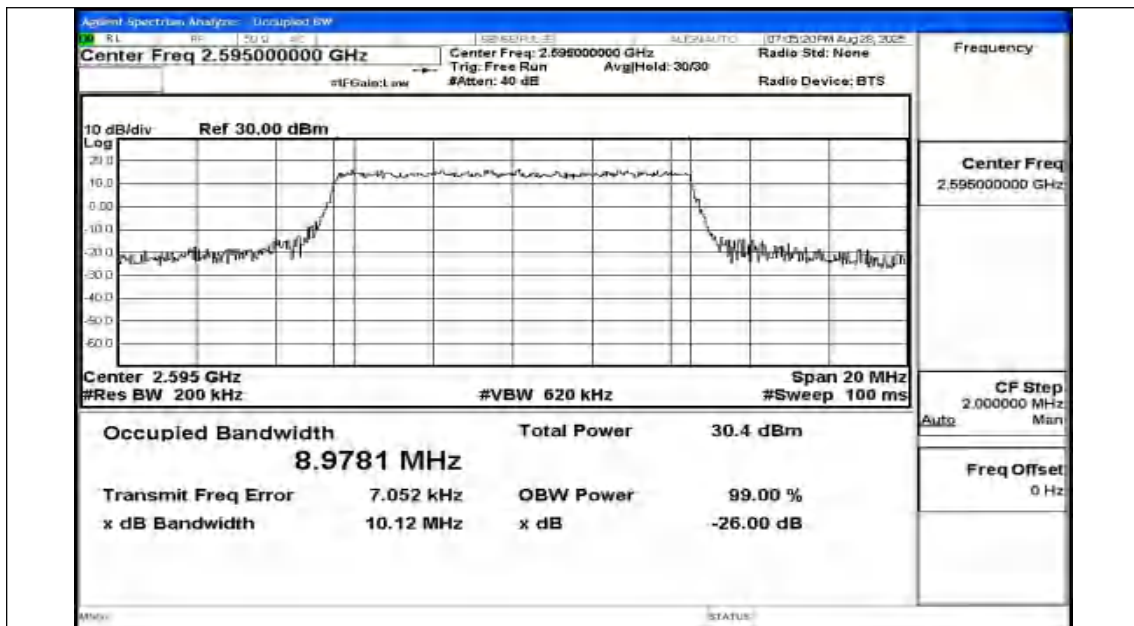
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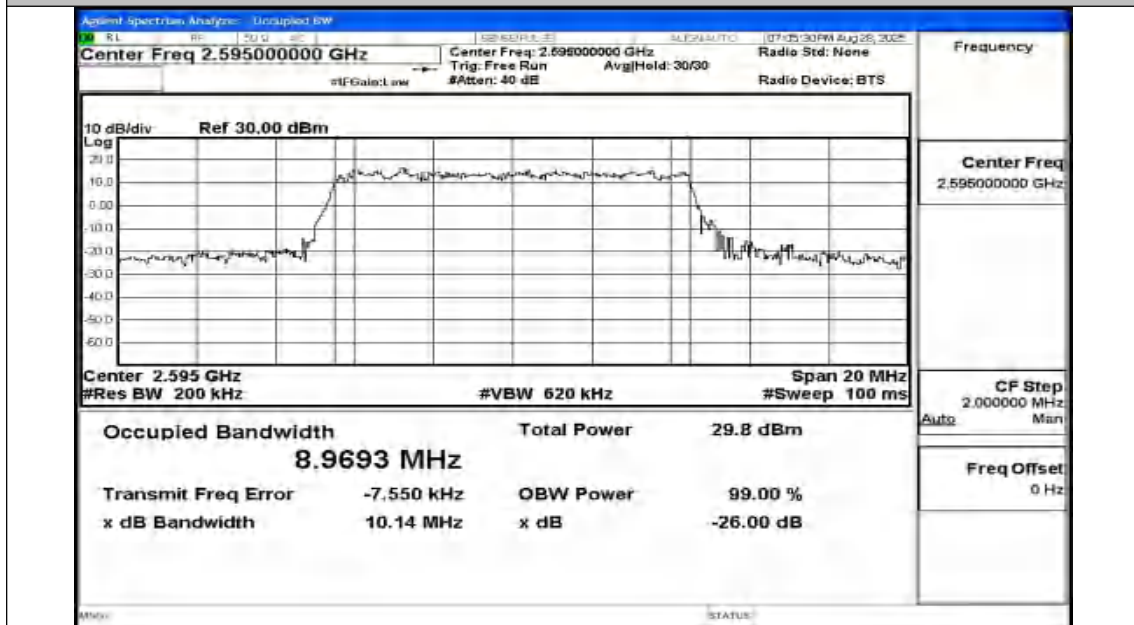
Band38-10MHz-QPSK-37800-50RB#0-PASS



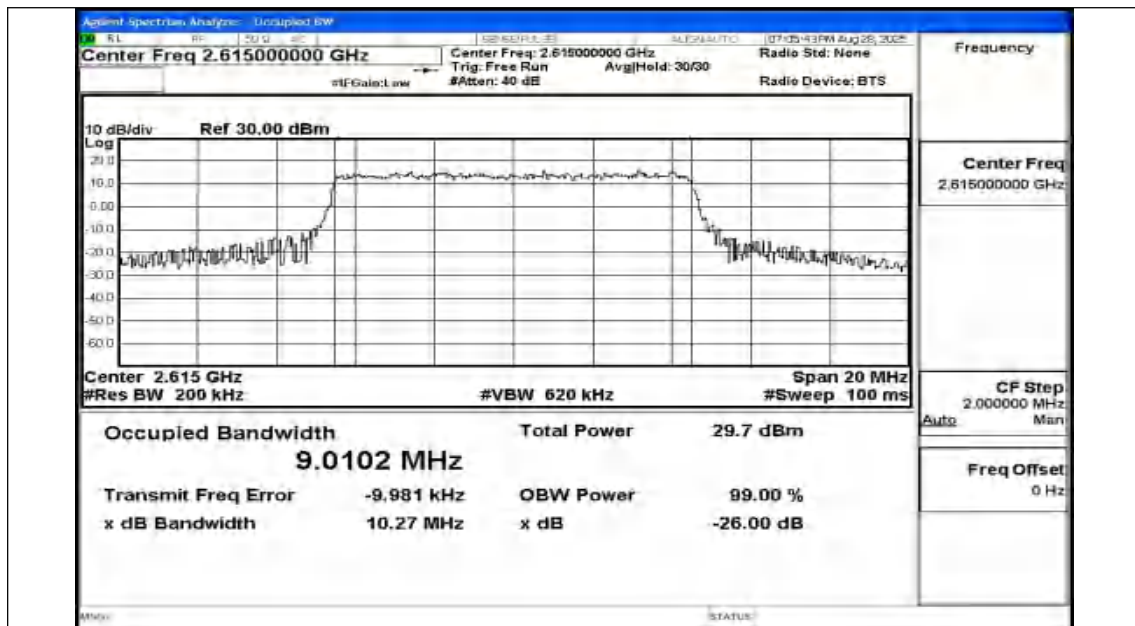
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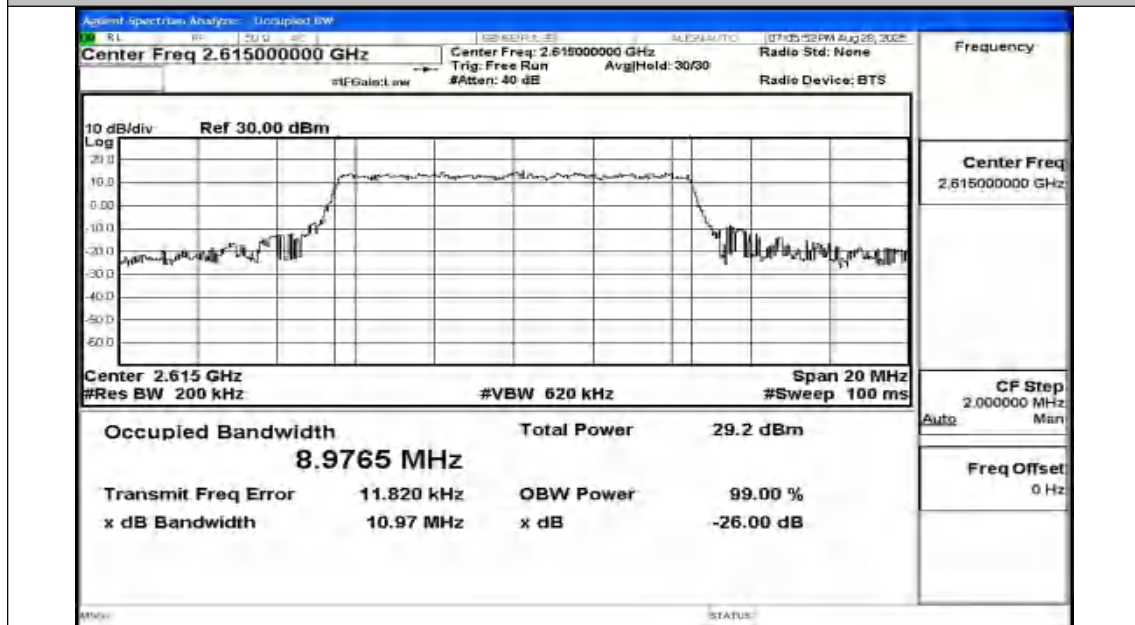
Band38-10MHz-QPSK-38000-50RB#0-PASS



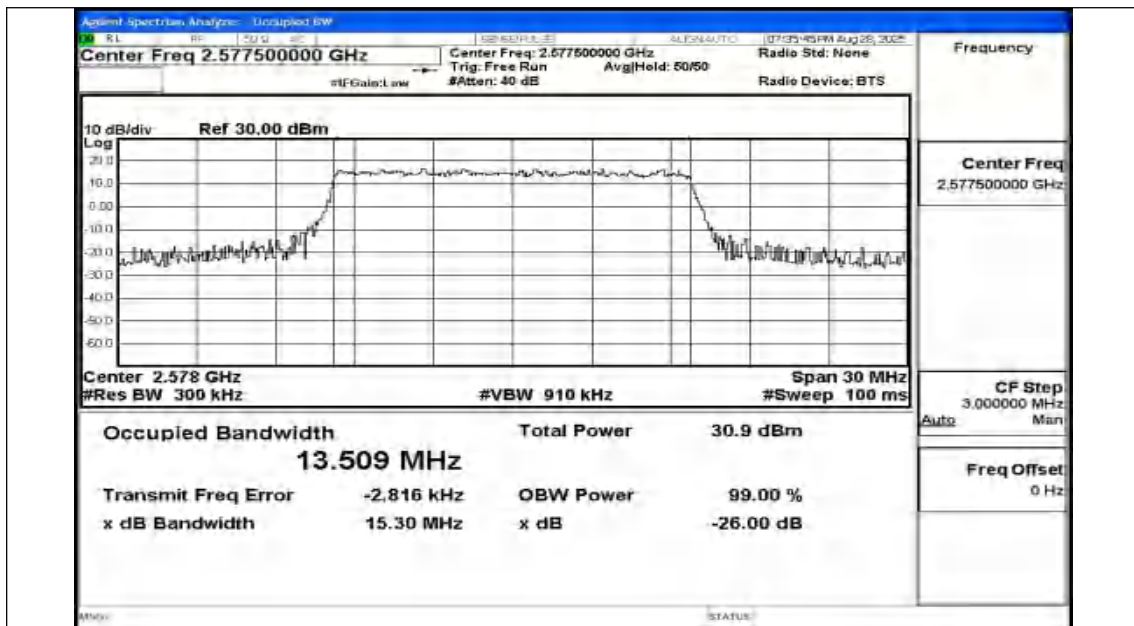
Band38-10MHz-16QAM-38000-50RB#0-PASS



Band38-10MHz-QPSK-38200-50RB#0-PASS



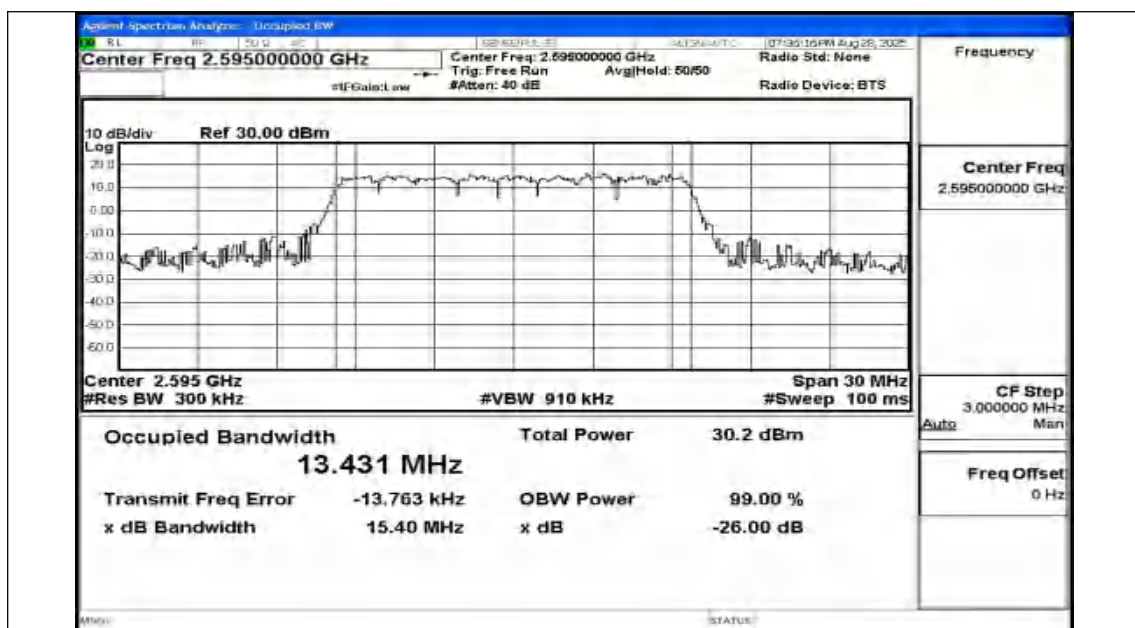
Band38-10MHz-16QAM-38200-50RB#0-PASS



Band38-15MHz-QPSK-37825-75RB#0-PASS



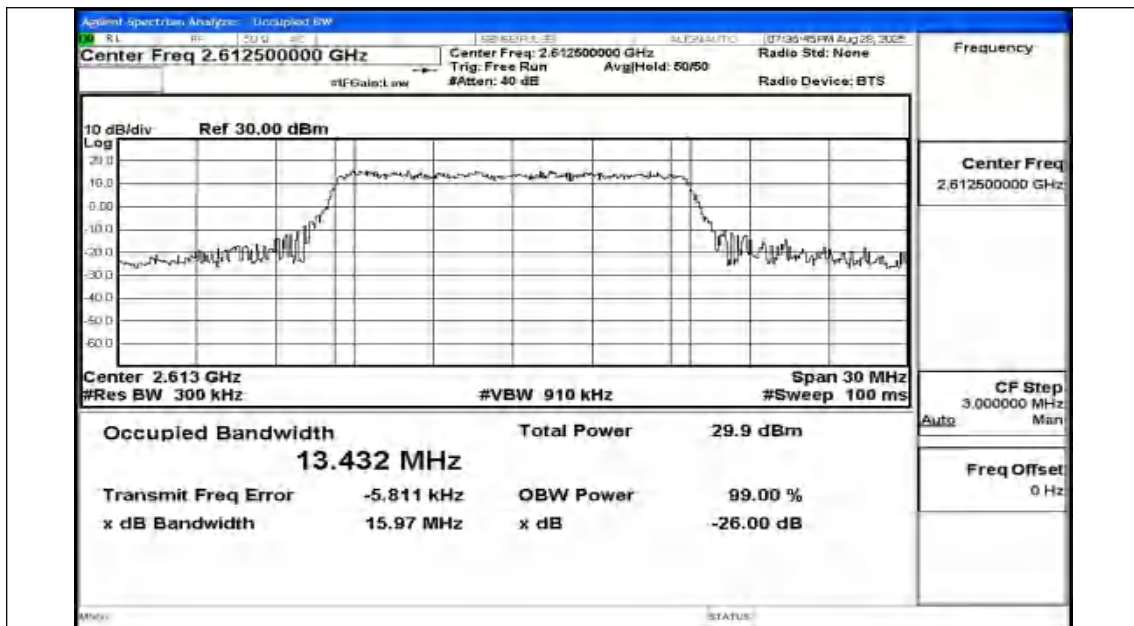
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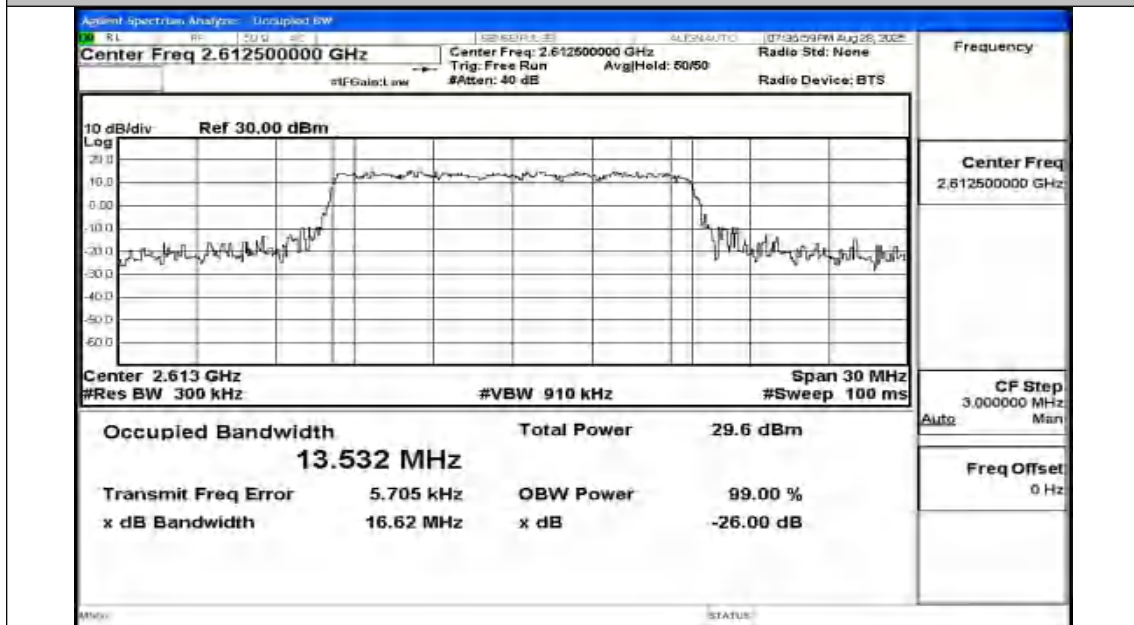
Band38-15MHz-QPSK-38000-75RB#0-PASS



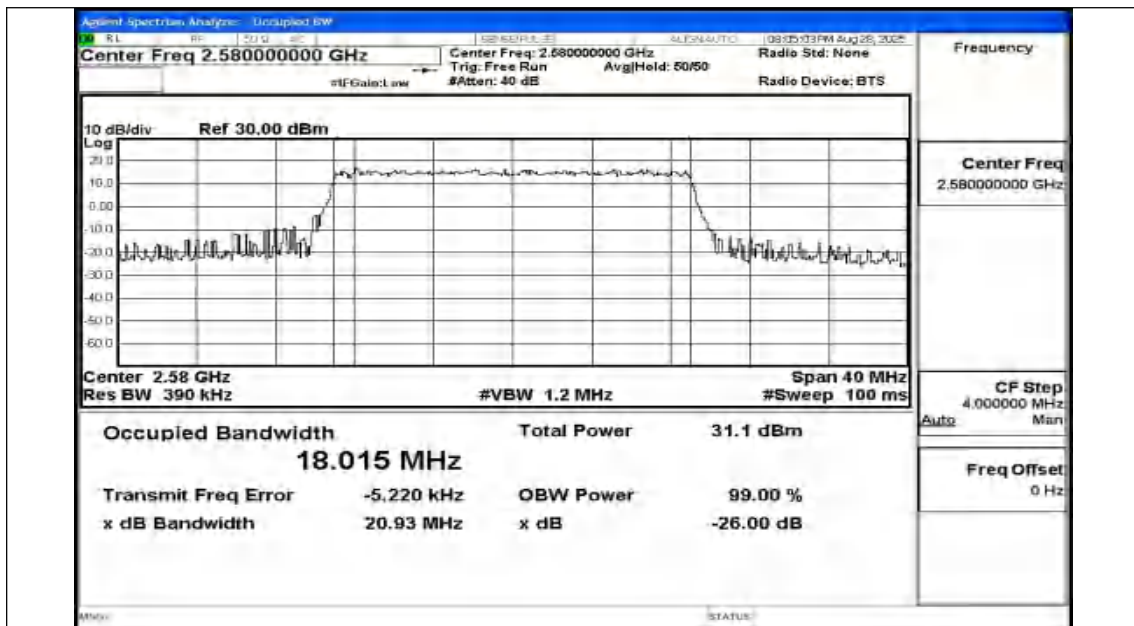
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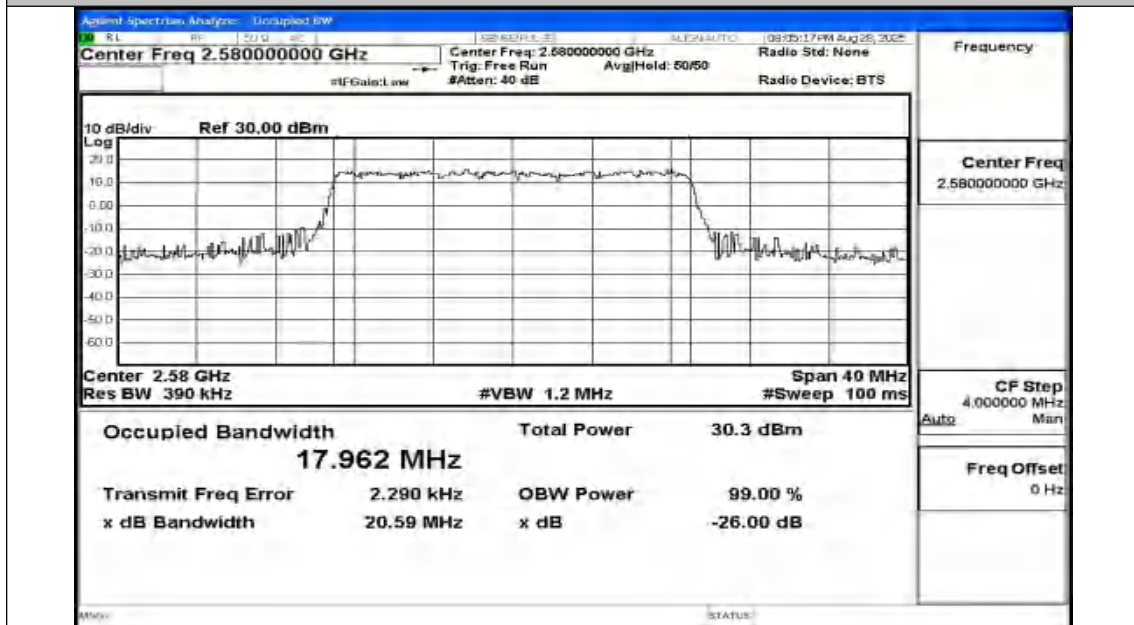
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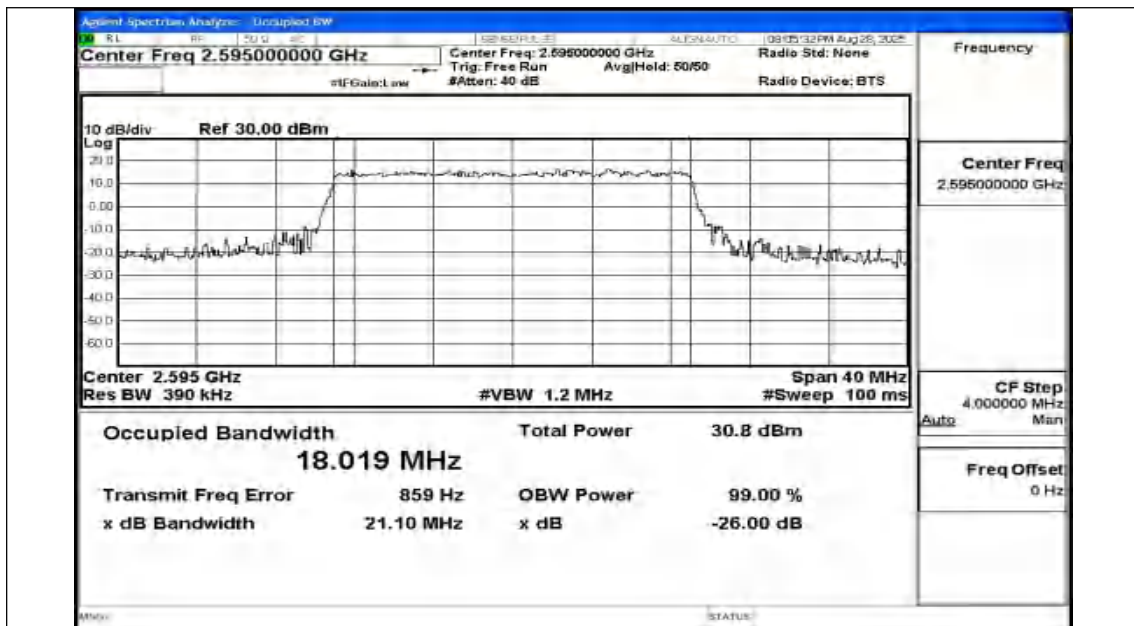
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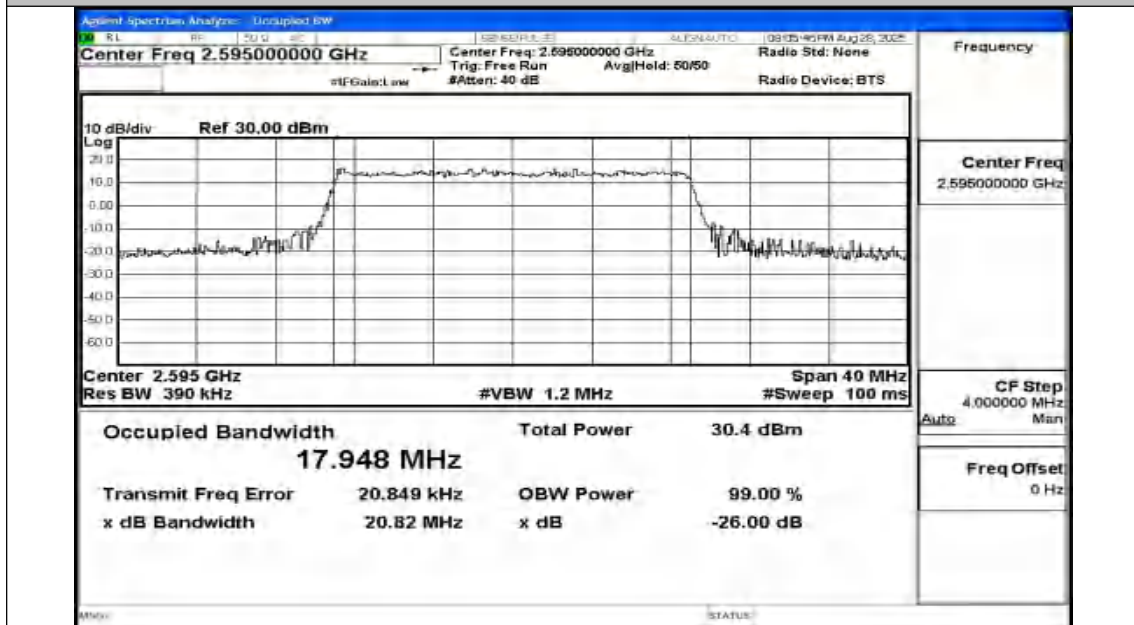
Band38-20MHz-QPSK-37850-100RB#0-PASS



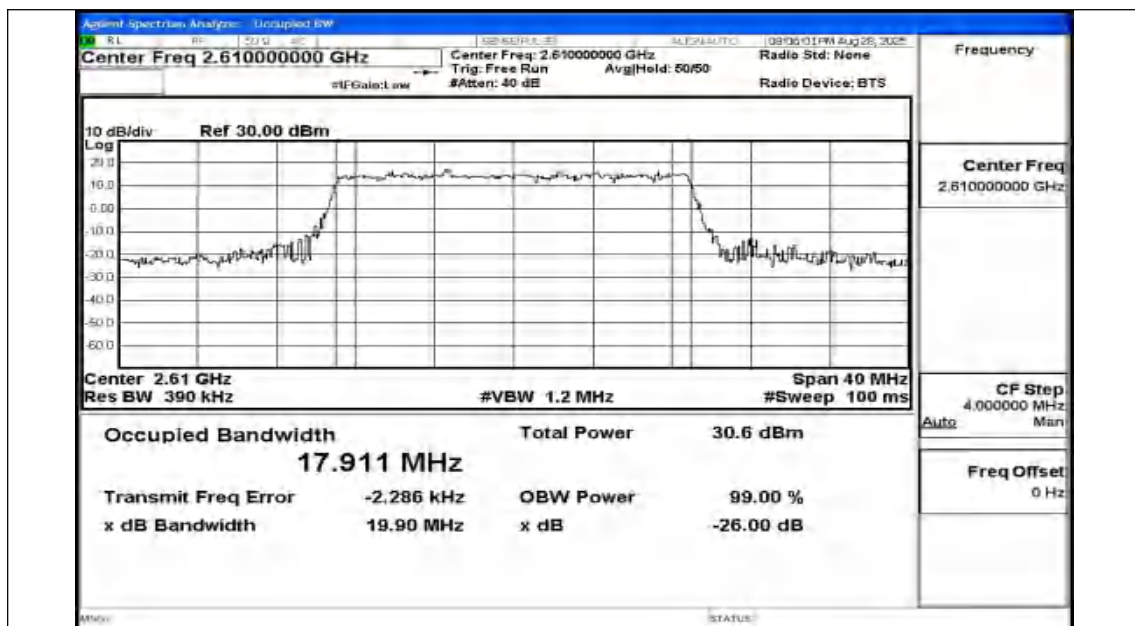
Band38-20MHz-16QAM-37850-100RB#0-PASS



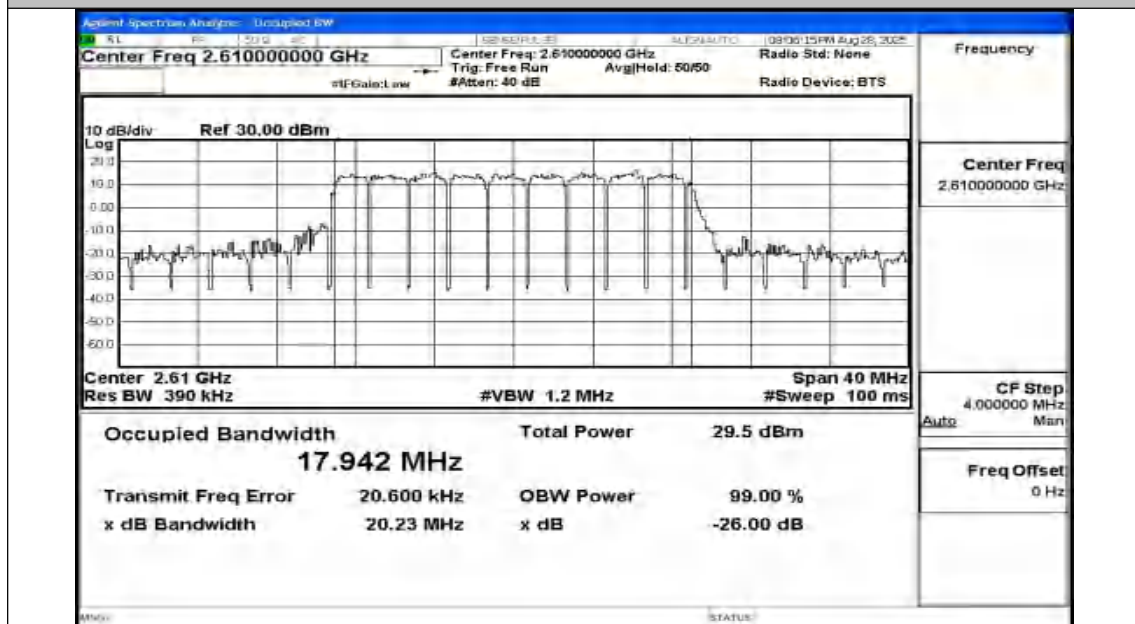
Band38-20MHz-QPSK-38000-100RB#0-PASS



Band38-20MHz-16QAM-38000-100RB#0-PASS



Band38-20MHz-QPSK-38150-100RB#0-PASS



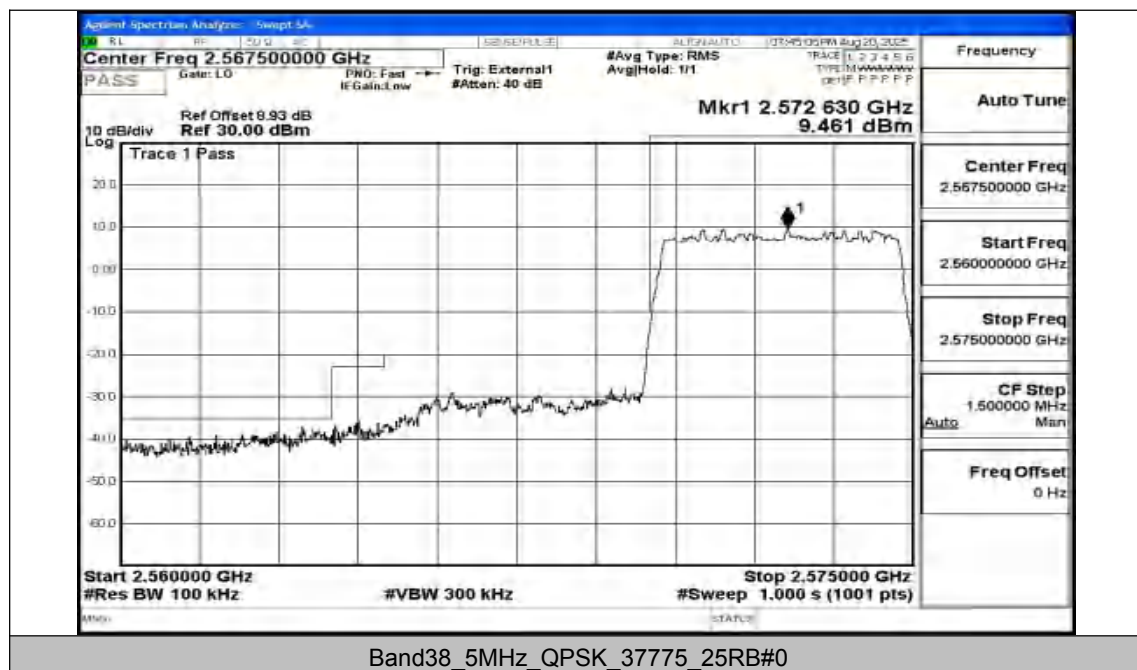
Band38-20MHz-16QAM-38150-100RB#0-PASS

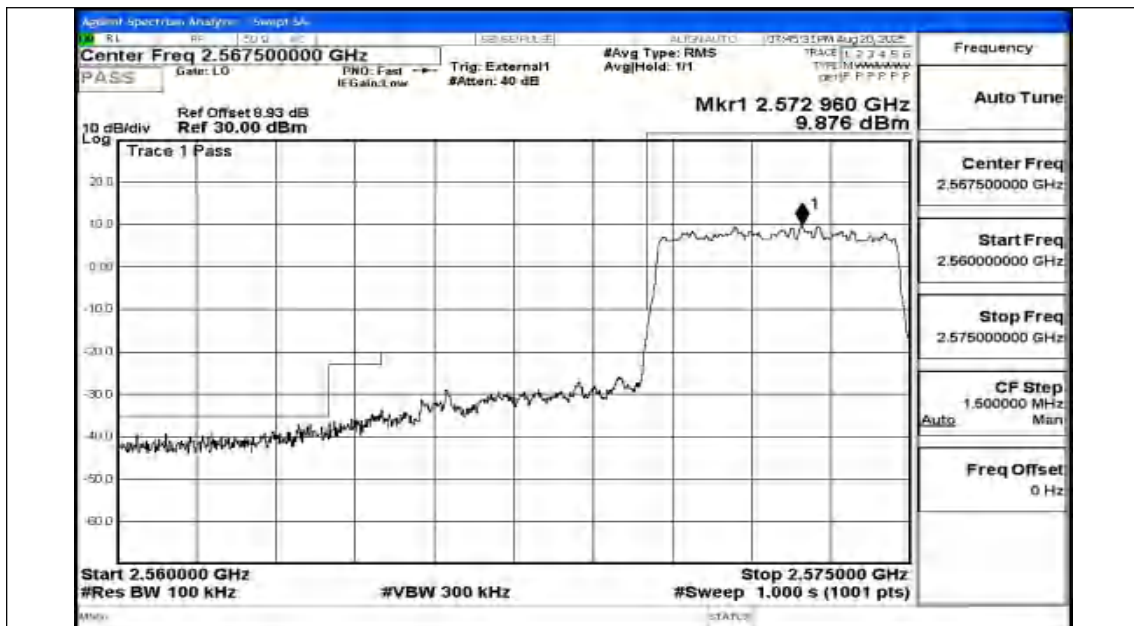
## 4 Band Edge

### Test Result

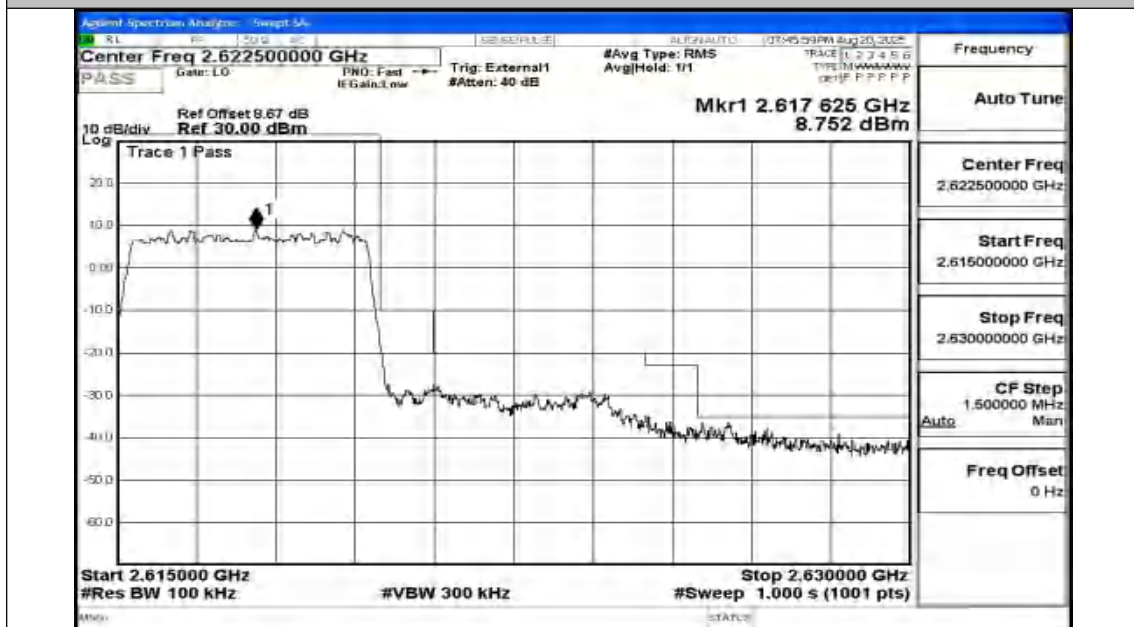
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Peak Frequency | Result(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|----------------|-------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 25RB#0           | 2563.45        | -37.14      | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 25RB#0           | 2563.66        | -37.11      | PASS    |
| Band38 | 5MHz      | QPSK       | 38225   | 25RB#0           | 2626.57        | -36.40      | PASS    |
| Band38 | 5MHz      | 16QAM      | 38225   | 25RB#0           | 2626.33        | -37.12      | PASS    |
| Band38 | 15MHz     | QPSK       | 37825   | 75RB#0           | 2553.71        | -32.38      | PASS    |
| Band38 | 10MHz     | QPSK       | 37800   | 50RB#0           | 2559.80        | -37.19      | PASS    |
| Band38 | 10MHz     | 16QAM      | 37800   | 50RB#0           | 2556.38        | -36.72      | PASS    |
| Band38 | 10MHz     | QPSK       | 38200   | 50RB#0           | 2633.58        | -36.90      | PASS    |
| Band38 | 10MHz     | 16QAM      | 38200   | 50RB#0           | 2630.48        | -36.78      | PASS    |
| Band38 | 15MHz     | 16QAM      | 37825   | 75RB#0           | 2554.24        | -31.20      | PASS    |
| Band38 | 15MHz     | QPSK       | 38175   | 75RB#0           | 2636.82        | -32.70      | PASS    |
| Band38 | 15MHz     | 16QAM      | 38175   | 75RB#0           | 2636.78        | -31.17      | PASS    |
| Band38 | 20MHz     | QPSK       | 37850   | 100RB#0          | 2546.22        | -33.74      | PASS    |
| Band38 | 20MHz     | 16QAM      | 37850   | 100RB#0          | 2549.32        | -33.94      | PASS    |
| Band38 | 20MHz     | QPSK       | 38150   | 100RB#0          | 2644.73        | -34.20      | PASS    |
| Band38 | 20MHz     | 16QAM      | 38150   | 100RB#0          | 2640.59        | -34.24      | PASS    |

### Test Graphs

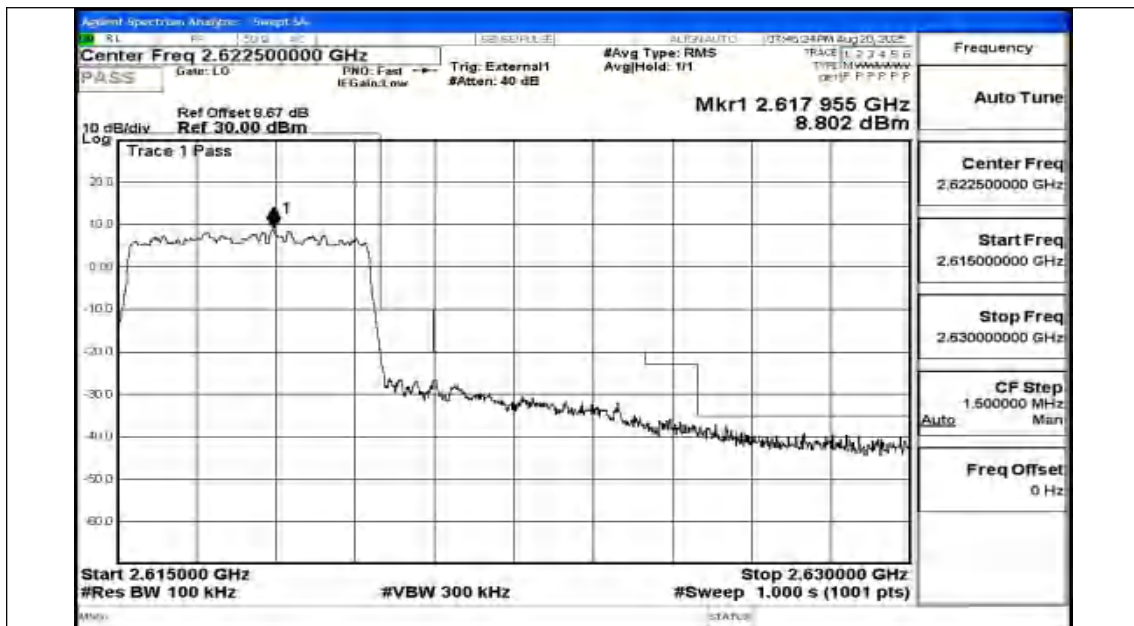




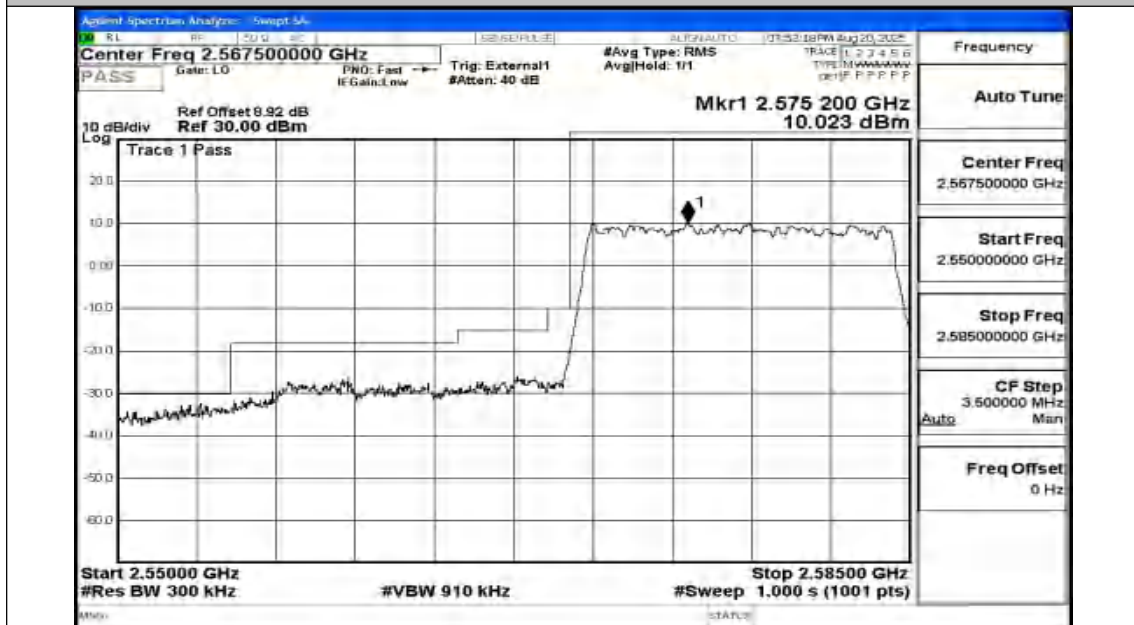
Band38\_5MHz\_16QAM\_37775\_25RB#0



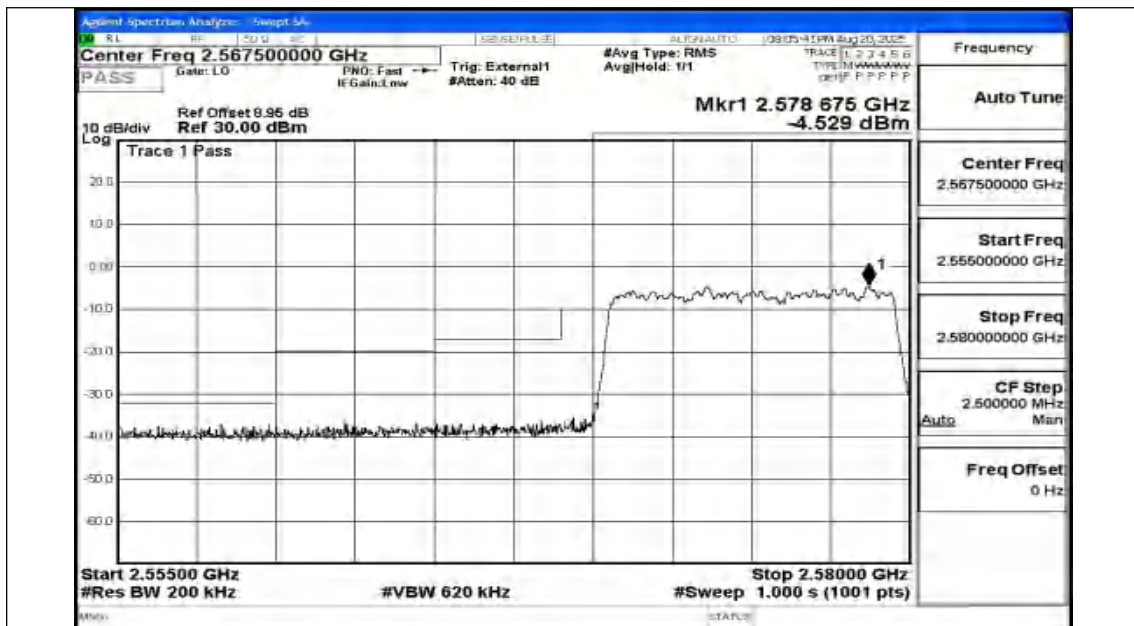
Band38\_5MHz\_QPSK\_38225\_25RB#0



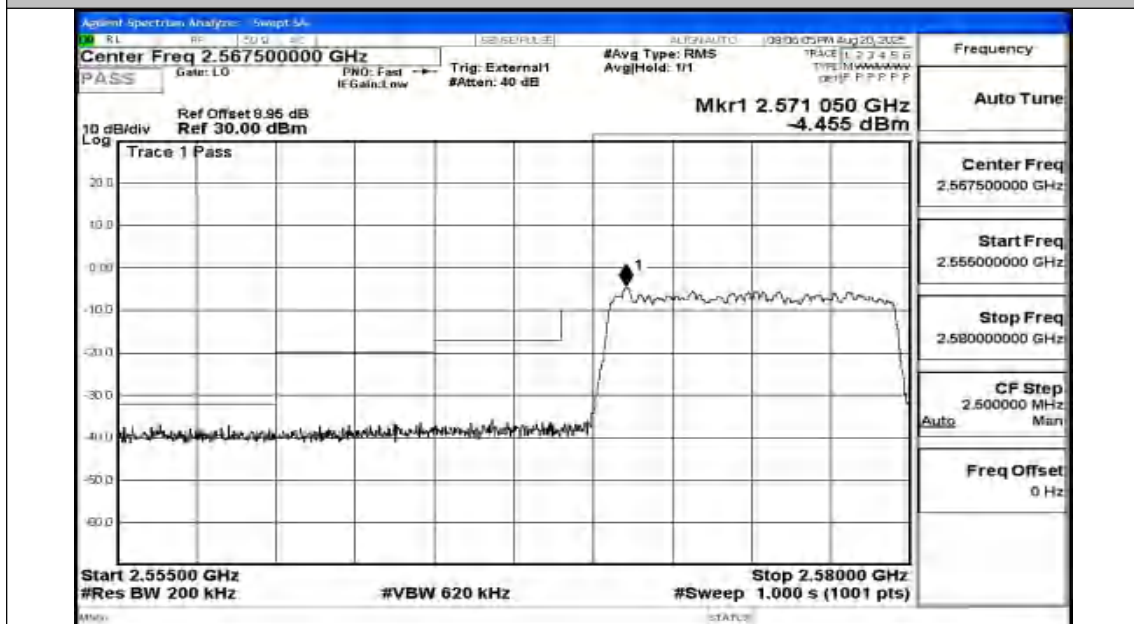
Band38\_5MHz\_16QAM\_38225\_25RB#0



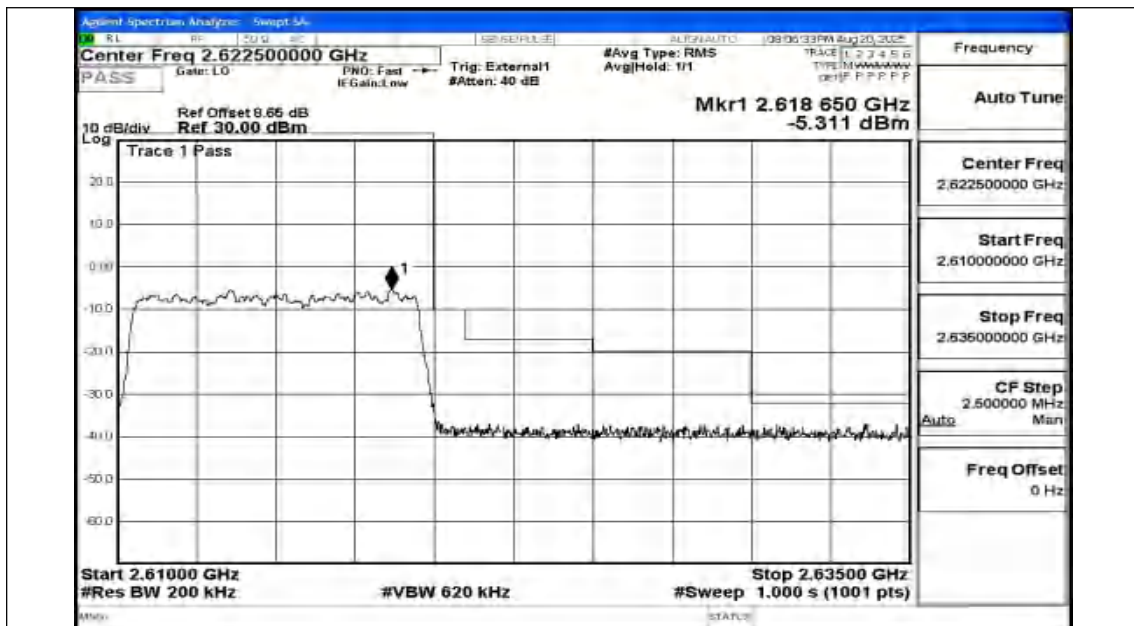
Band38\_15MHz\_QPSK\_37825\_75RB#0



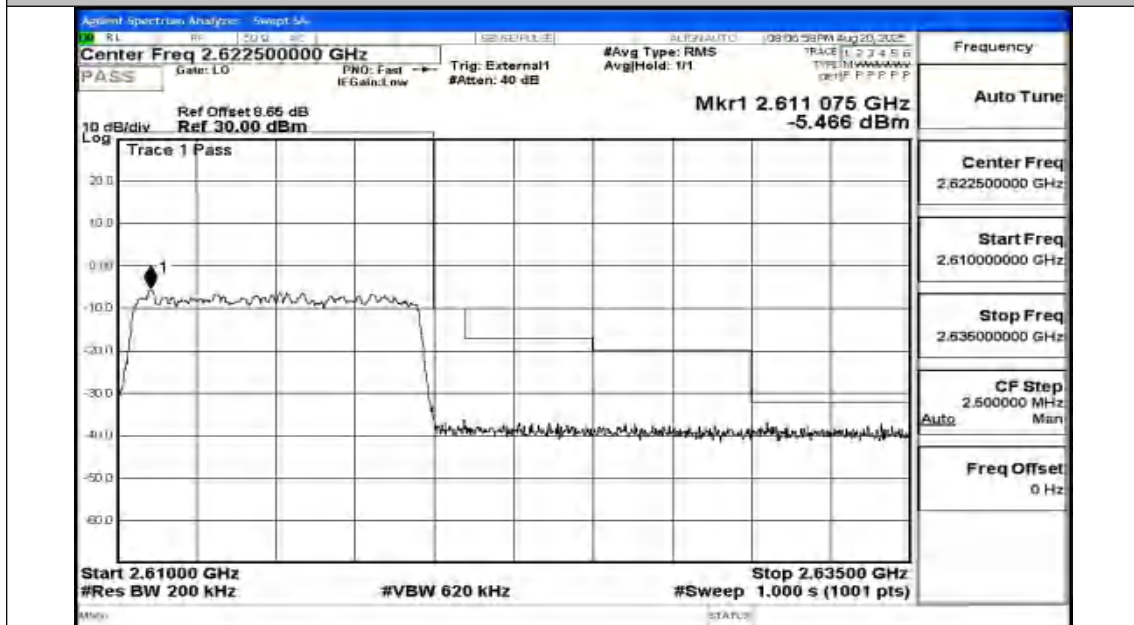
Band38\_10MHz\_QPSK\_37800\_50RB#0



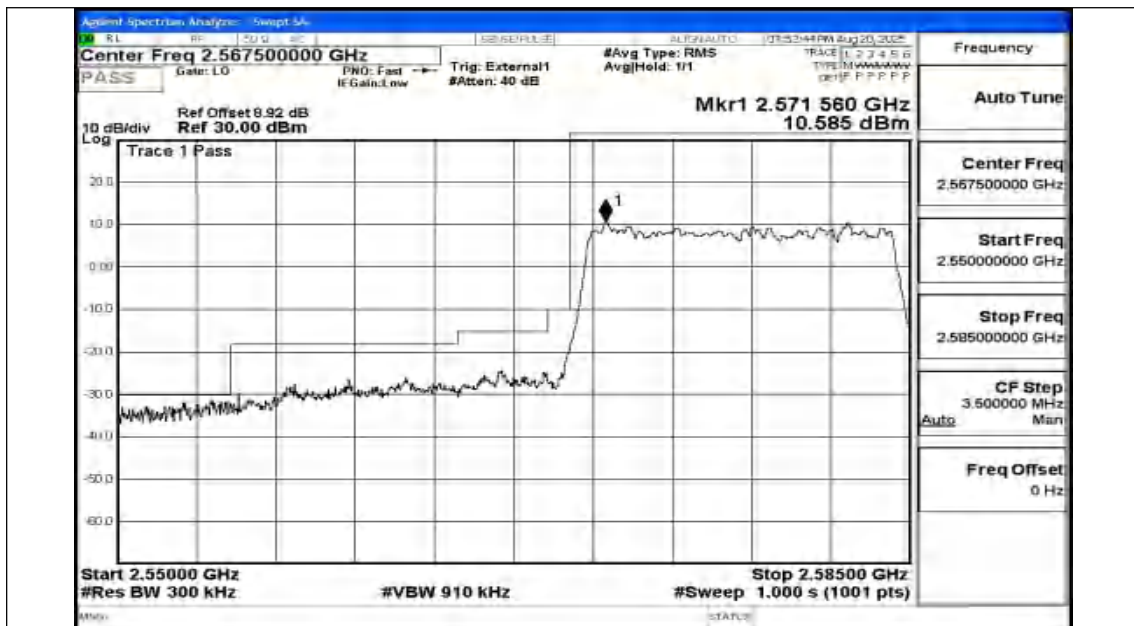
Band38\_10MHz\_16QAM\_37800\_50RB#0



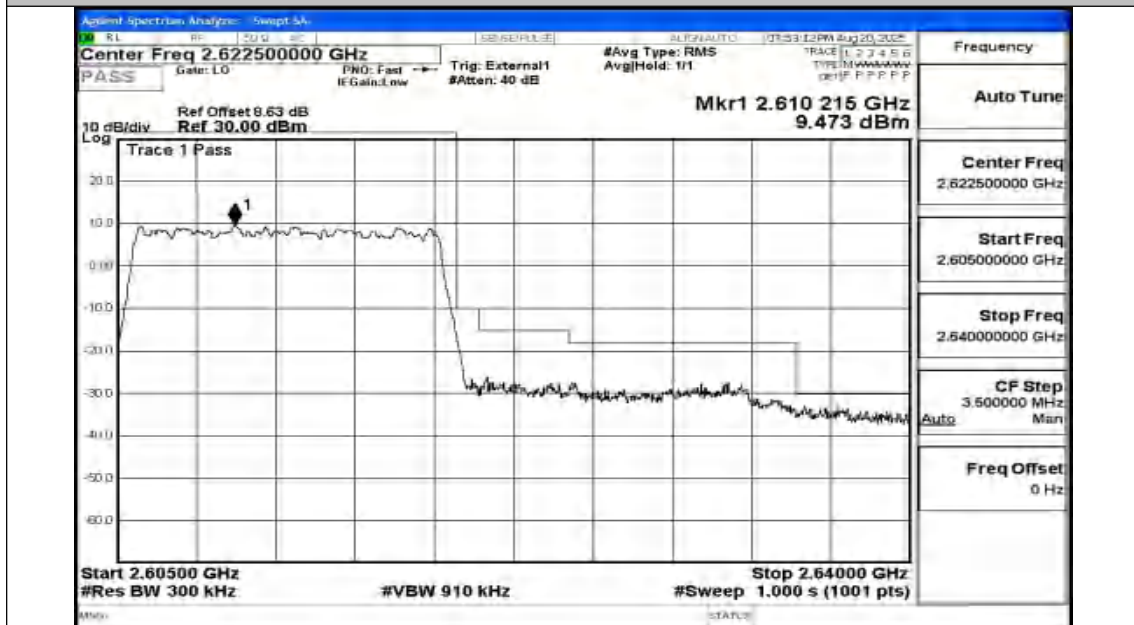
Band38\_10MHz\_QPSK\_38200\_50RB#0



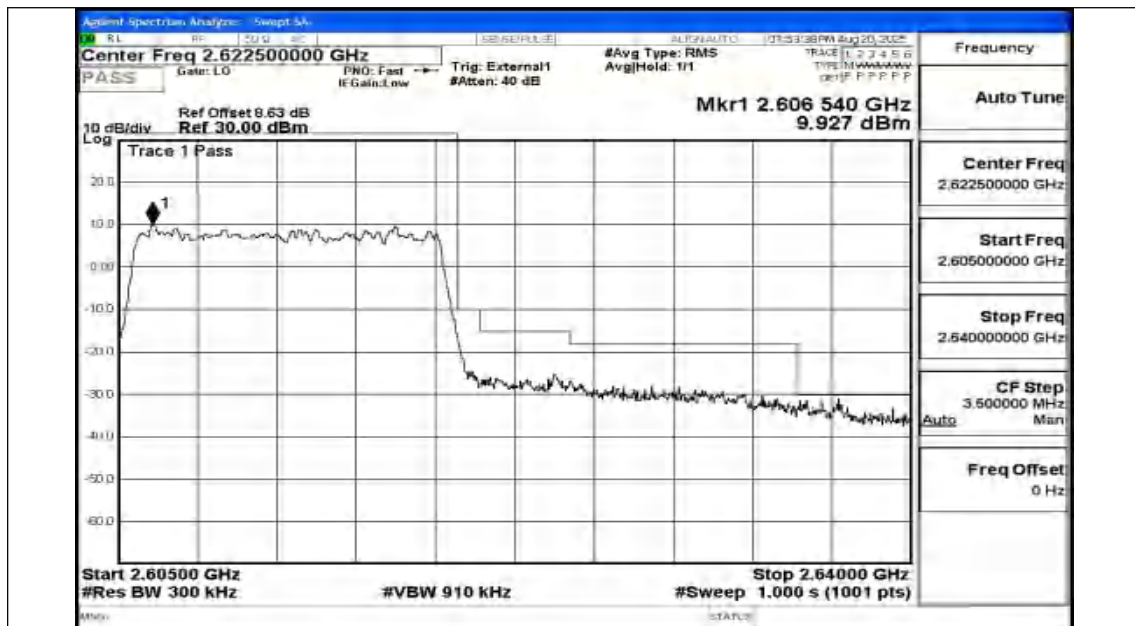
Band38\_10MHz\_16QAM\_38200\_50RB#0



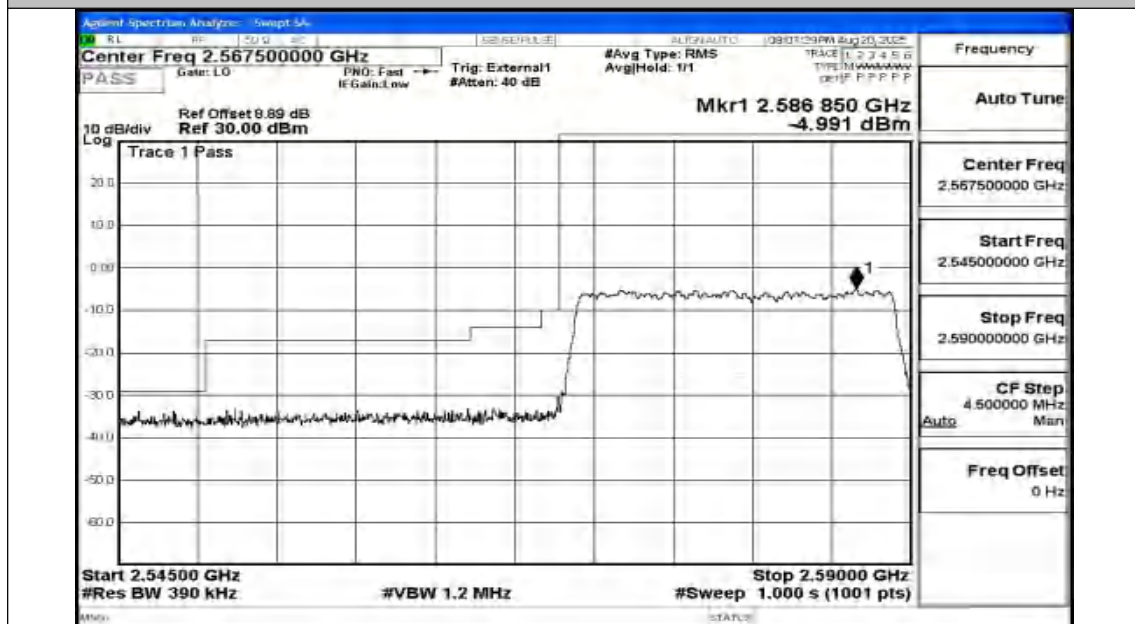
Band38\_15MHz\_16QAM\_37825\_75RB#0



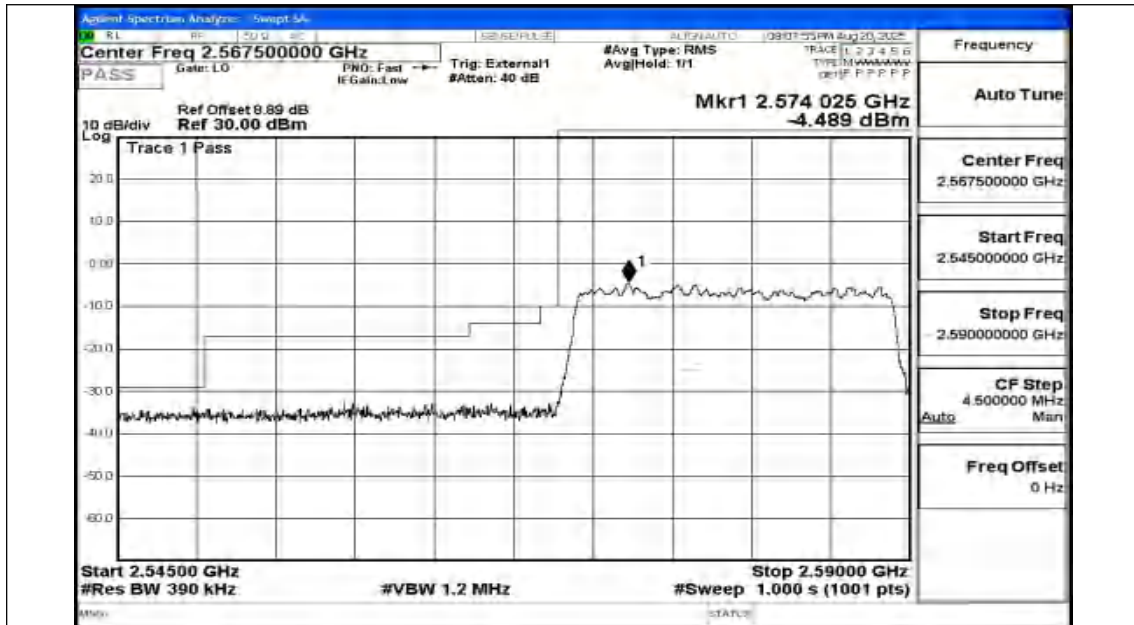
Band38\_15MHz\_QPSK\_38175\_75RB#0



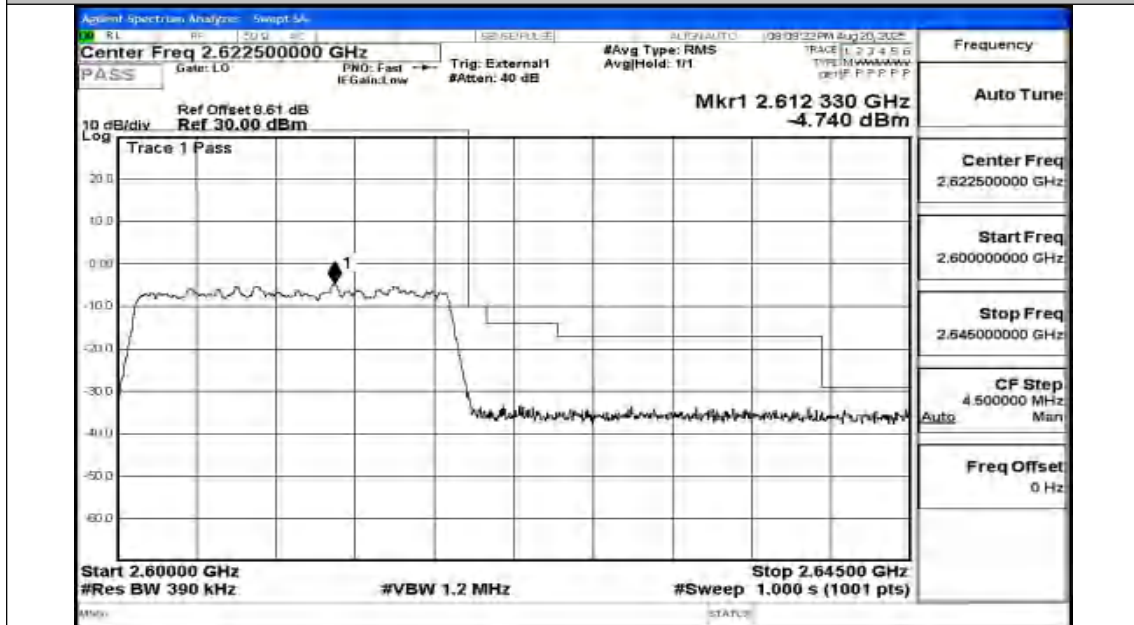
Band38\_15MHz\_16QAM\_38175\_75RB#0



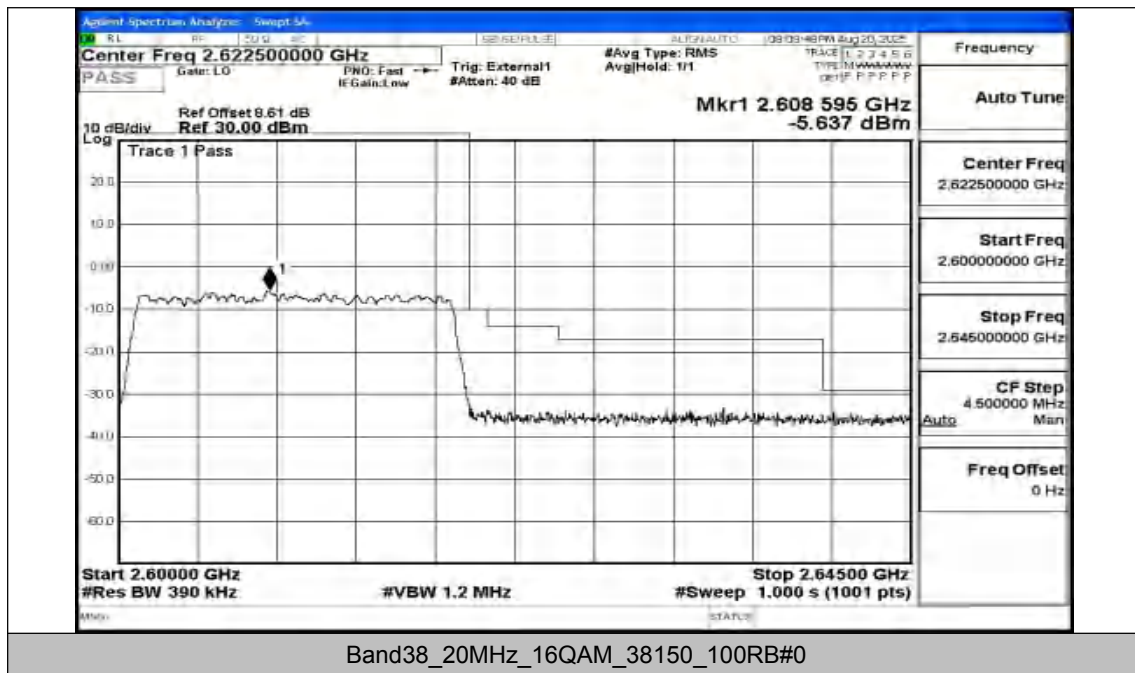
Band38\_20MHz\_QPSK\_37850\_100RB#0



Band38\_20MHz\_16QAM\_37850\_100RB#0



Band38\_20MHz\_QPSK\_38150\_100RB#0



## 5 Conducted Spurious Emission

### Test Result

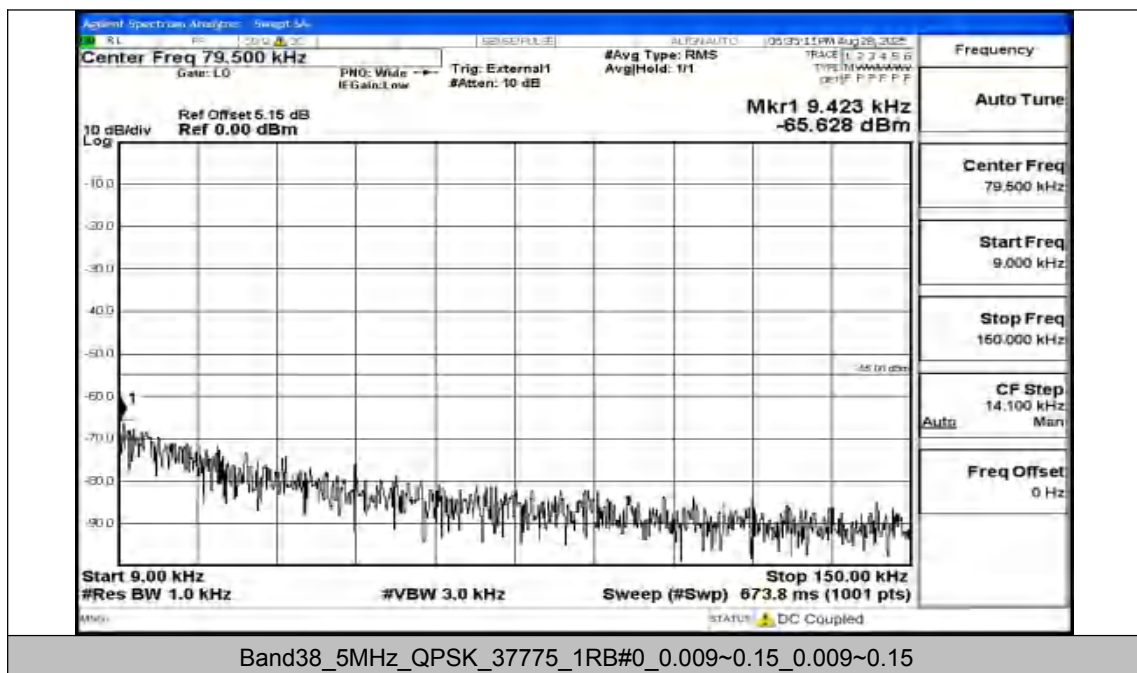
| Band   | Bandwidth | Modulation | Channel | RB Configuration | Frequency Range | Result (dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-----------------|--------------|---------|
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 0.009~0.15      | -65.63       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 0.15~30         | -53.85       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 30~1000         | -52.69       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 1000~20000      | -28.35       | PASS    |
| Band38 | 5MHz      | QPSK       | 37775   | 1RB#0            | 20000~27000     | -36.43       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 0.009~0.15      | -66.00       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 0.15~30         | -50.41       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 30~1000         | -52.16       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 1000~20000      | -27.87       | PASS    |
| Band38 | 5MHz      | 16QAM      | 37775   | 1RB#0            | 20000~27000     | -36.44       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 0.009~0.15      | -64.54       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 0.15~30         | -51.55       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 30~1000         | -52.77       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 1000~20000      | -27.91       | PASS    |
| Band38 | 5MHz      | QPSK       | 38000   | 1RB#0            | 20000~27000     | -35.95       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 0.009~0.15      | -65.41       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 0.15~30         | -56.69       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 30~1000         | -53.18       | PASS    |
| Band38 | 5MHz      | 16QAM      | 38000   | 1RB#0            | 1000~20000      | -28.32       | PASS    |

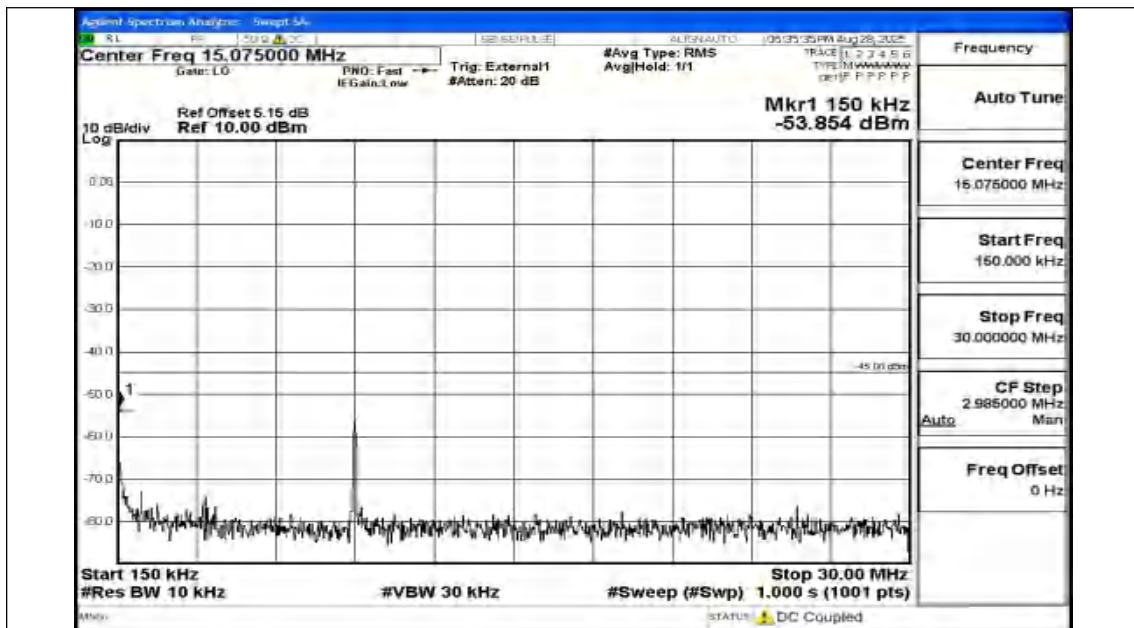
|        |       |       |       |       |             |        |      |
|--------|-------|-------|-------|-------|-------------|--------|------|
| Band38 | 5MHz  | 16QAM | 38000 | 1RB#0 | 20000~27000 | -36.18 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0 | 0.009~0.15  | -66.35 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0 | 0.15~30     | -53.19 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0 | 30~1000     | -53.12 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0 | 1000~20000  | -28.58 | PASS |
| Band38 | 5MHz  | QPSK  | 38225 | 1RB#0 | 20000~27000 | -35.76 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | 0.009~0.15  | -65.58 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | 0.15~30     | -55.71 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | 30~1000     | -52.92 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | 1000~20000  | -28.25 | PASS |
| Band38 | 5MHz  | 16QAM | 38225 | 1RB#0 | 20000~27000 | -35.59 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | 0.009~0.15  | -64.47 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | 0.15~30     | -53.09 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | 30~1000     | -52.15 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | 1000~20000  | -28.52 | PASS |
| Band38 | 10MHz | QPSK  | 37800 | 1RB#0 | 20000~27000 | -36.41 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 0.009~0.15  | -64.78 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 0.15~30     | -53.38 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 30~1000     | -52.82 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 1000~20000  | -28.34 | PASS |
| Band38 | 10MHz | 16QAM | 37800 | 1RB#0 | 20000~27000 | -36.71 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | 0.009~0.15  | -63.97 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | 0.15~30     | -50.58 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | 30~1000     | -52.63 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | 1000~20000  | -27.94 | PASS |
| Band38 | 10MHz | QPSK  | 38000 | 1RB#0 | 20000~27000 | -36.23 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 0.009~0.15  | -64.50 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 0.15~30     | -56.25 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 30~1000     | -52.94 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 1000~20000  | -28.18 | PASS |
| Band38 | 10MHz | 16QAM | 38000 | 1RB#0 | 20000~27000 | -36.43 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | 0.009~0.15  | -66.42 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | 0.15~30     | -50.84 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | 30~1000     | -52.77 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | 1000~20000  | -28.87 | PASS |
| Band38 | 10MHz | QPSK  | 38200 | 1RB#0 | 20000~27000 | -35.70 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 0.009~0.15  | -66.70 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 0.15~30     | -55.49 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 30~1000     | -52.80 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 1000~20000  | -28.30 | PASS |
| Band38 | 10MHz | 16QAM | 38200 | 1RB#0 | 20000~27000 | -36.39 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | 0.009~0.15  | -66.80 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | 0.15~30     | -51.06 | PASS |

|        |       |       |       |       |             |        |      |
|--------|-------|-------|-------|-------|-------------|--------|------|
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | 30~1000     | -51.96 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | 1000~20000  | -28.66 | PASS |
| Band38 | 15MHz | QPSK  | 37825 | 1RB#0 | 20000~27000 | -36.04 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 0.009~0.15  | -63.76 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 0.15~30     | -55.55 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 30~1000     | -52.36 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 1000~20000  | -27.91 | PASS |
| Band38 | 15MHz | 16QAM | 37825 | 1RB#0 | 20000~27000 | -35.68 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | 0.009~0.15  | -65.02 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | 0.15~30     | -53.56 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | 30~1000     | -51.98 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | 1000~20000  | -28.27 | PASS |
| Band38 | 15MHz | QPSK  | 38000 | 1RB#0 | 20000~27000 | -35.70 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 0.009~0.15  | -65.52 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 0.15~30     | -56.67 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 30~1000     | -52.86 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 1000~20000  | -28.05 | PASS |
| Band38 | 15MHz | 16QAM | 38000 | 1RB#0 | 20000~27000 | -35.52 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | 0.009~0.15  | -65.89 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | 0.15~30     | -52.20 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | 30~1000     | -52.65 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | 1000~20000  | -27.81 | PASS |
| Band38 | 15MHz | QPSK  | 38175 | 1RB#0 | 20000~27000 | -34.72 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 0.009~0.15  | -66.54 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 0.15~30     | -51.67 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 30~1000     | -51.82 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 1000~20000  | -28.63 | PASS |
| Band38 | 15MHz | 16QAM | 38175 | 1RB#0 | 20000~27000 | -36.06 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | 0.009~0.15  | -64.43 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | 0.15~30     | -54.30 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | 30~1000     | -52.81 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | 1000~20000  | -27.38 | PASS |
| Band38 | 20MHz | QPSK  | 37850 | 1RB#0 | 20000~27000 | -36.19 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 0.009~0.15  | -66.29 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 0.15~30     | -53.79 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 30~1000     | -52.96 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 1000~20000  | -29.01 | PASS |
| Band38 | 20MHz | 16QAM | 37850 | 1RB#0 | 20000~27000 | -36.24 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | 0.009~0.15  | -65.40 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | 0.15~30     | -53.39 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | 30~1000     | -53.50 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | 1000~20000  | -27.59 | PASS |
| Band38 | 20MHz | QPSK  | 38000 | 1RB#0 | 20000~27000 | -35.91 | PASS |

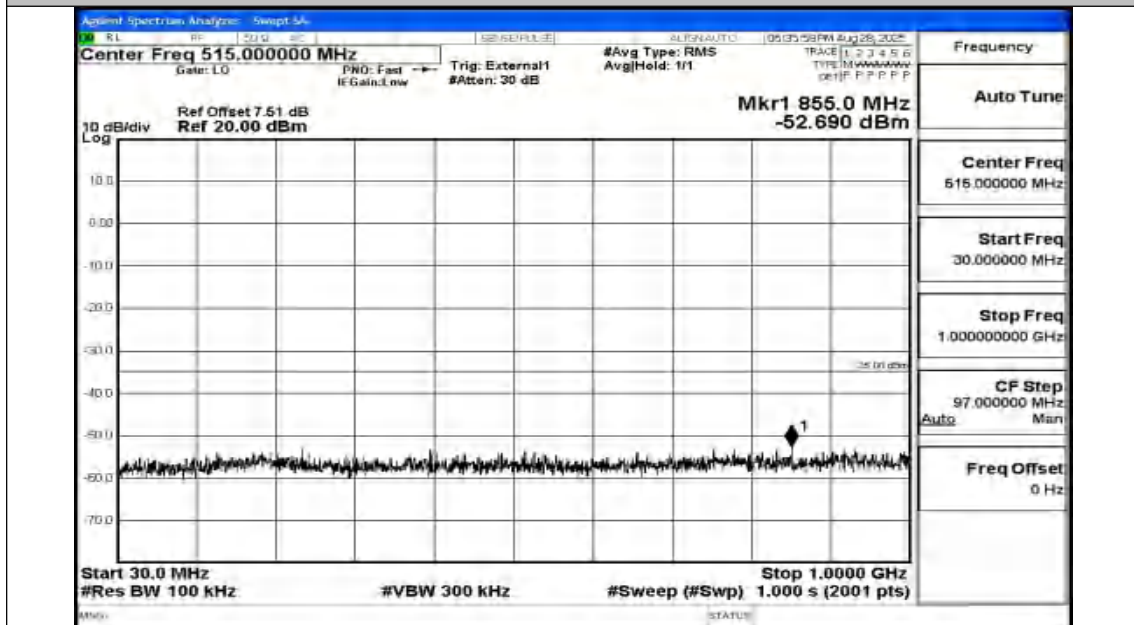
|        |       |       |       |       |             |        |      |
|--------|-------|-------|-------|-------|-------------|--------|------|
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 0.009~0.15  | -66.59 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 0.15~30     | -54.01 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 30~1000     | -52.91 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 1000~20000  | -28.81 | PASS |
| Band38 | 20MHz | 16QAM | 38000 | 1RB#0 | 20000~27000 | -35.98 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | 0.009~0.15  | -65.46 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | 0.15~30     | -53.67 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | 30~1000     | -52.45 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | 1000~20000  | -28.15 | PASS |
| Band38 | 20MHz | QPSK  | 38150 | 1RB#0 | 20000~27000 | -35.46 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 0.009~0.15  | -66.27 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 0.15~30     | -54.44 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 30~1000     | -52.23 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 1000~20000  | -28.65 | PASS |
| Band38 | 20MHz | 16QAM | 38150 | 1RB#0 | 20000~27000 | -36.24 | PASS |

## Test Graphs

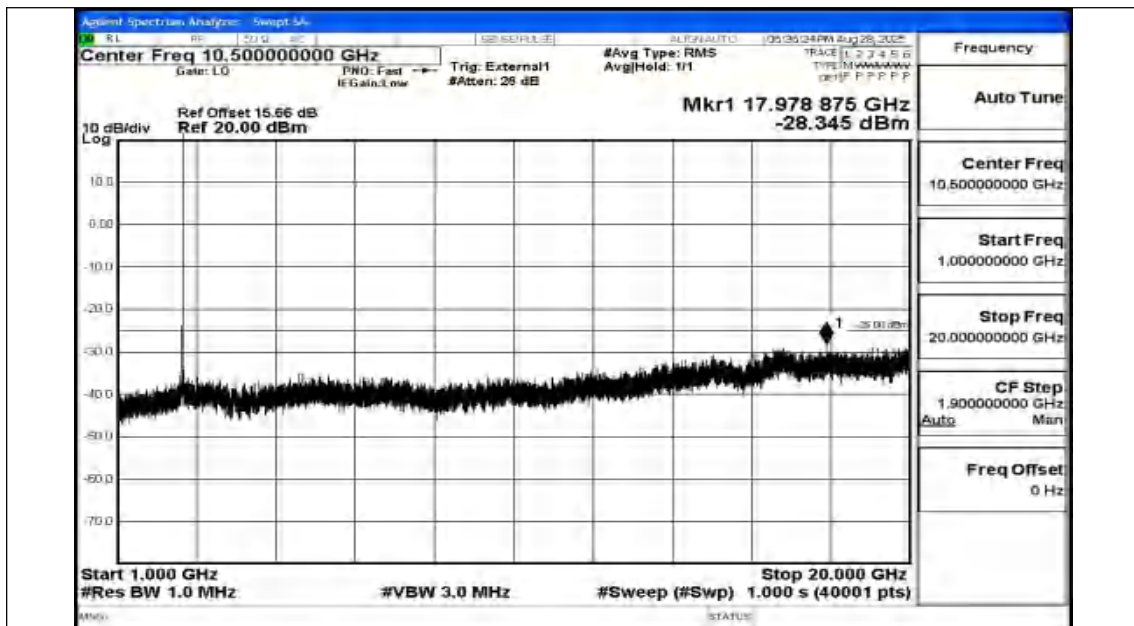




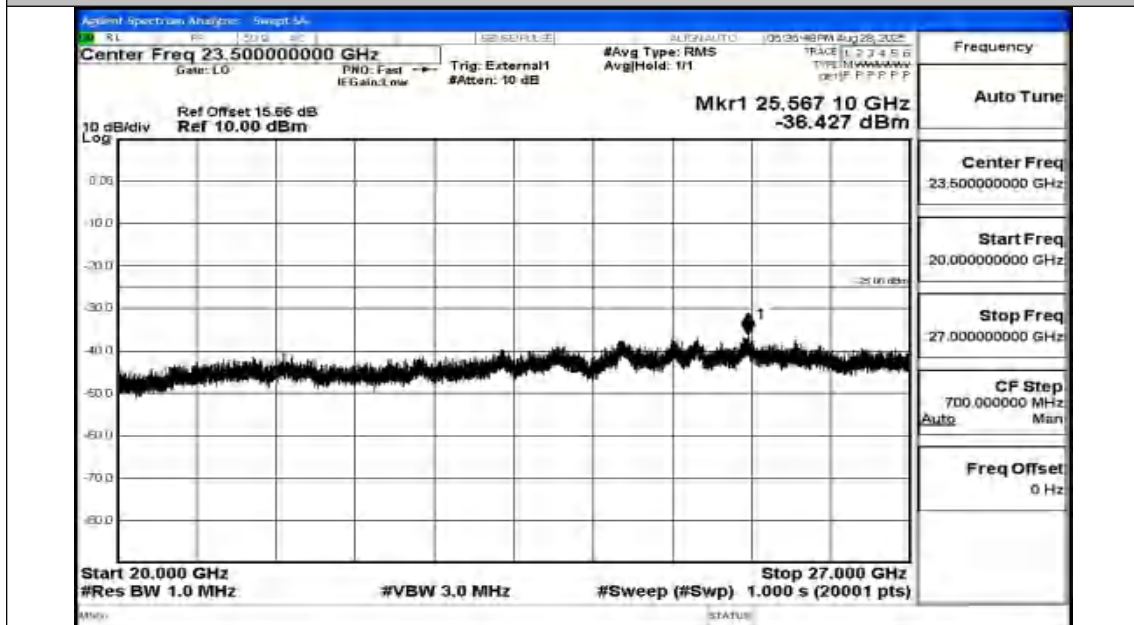
Band38\_5MHz\_QPSK\_37775\_1RB#0\_0.15~30\_0.15~30



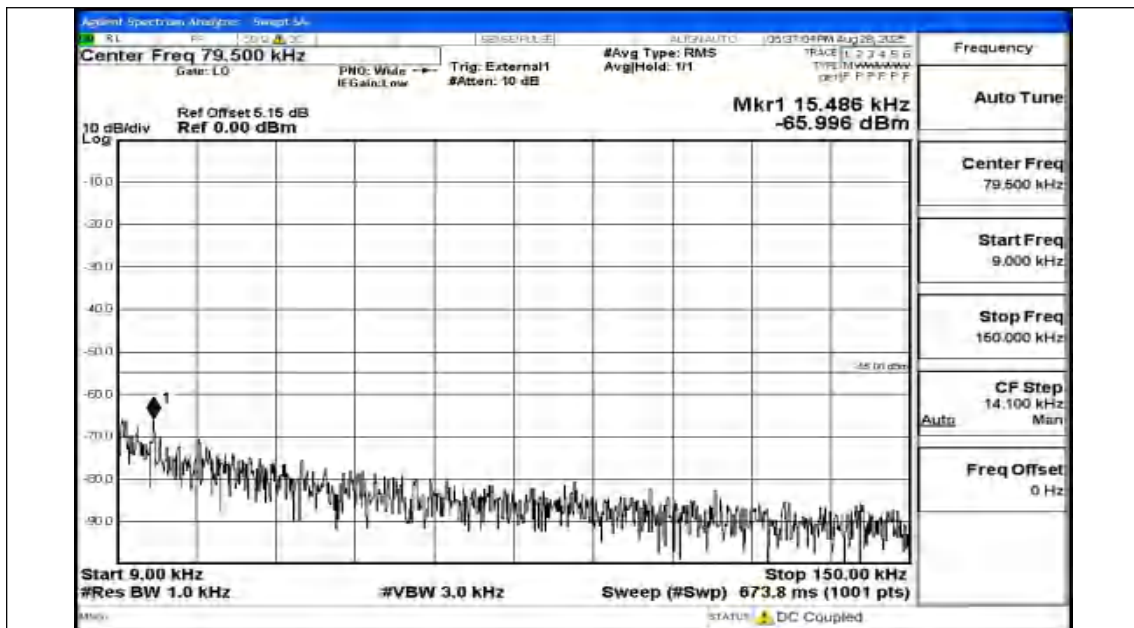
Band38\_5MHz\_QPSK\_37775\_1RB#0\_30~1000\_30~1000



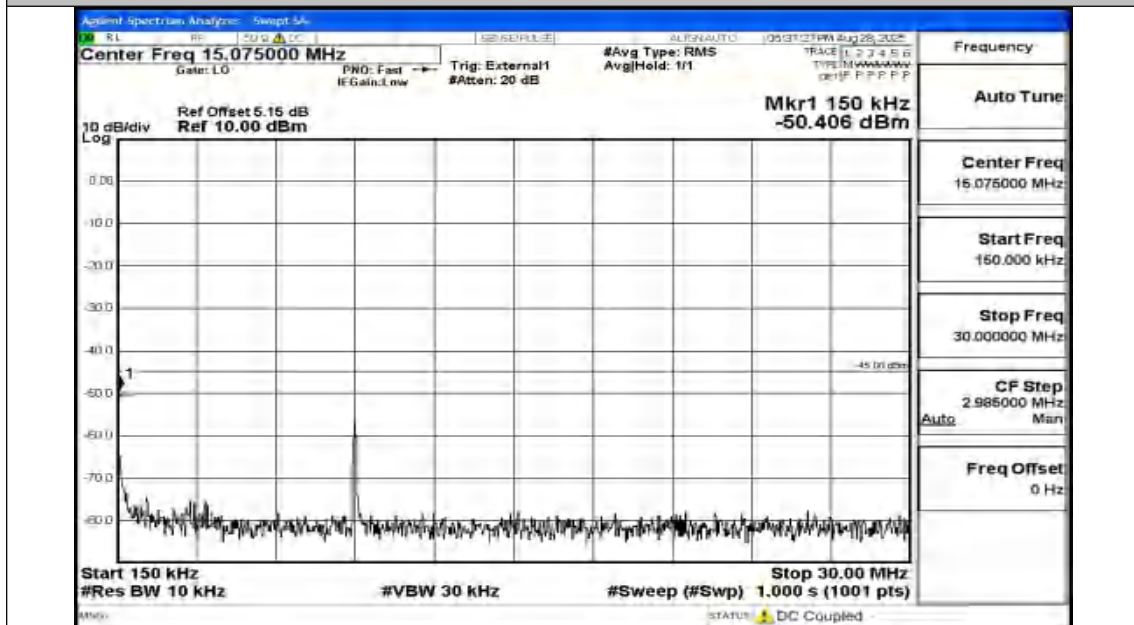
Band38\_5MHz\_QPSK\_37775\_1RB#0\_1000~20000\_1000~20000



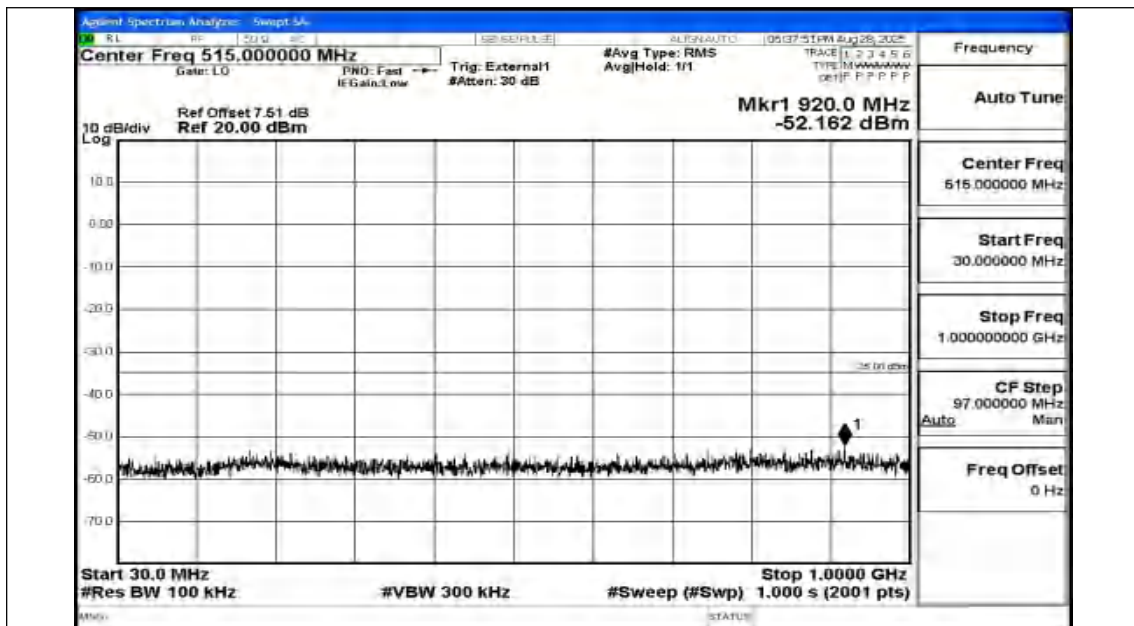
Band38\_5MHz\_QPSK\_37775\_1RB#0\_20000~27000\_20000~27000



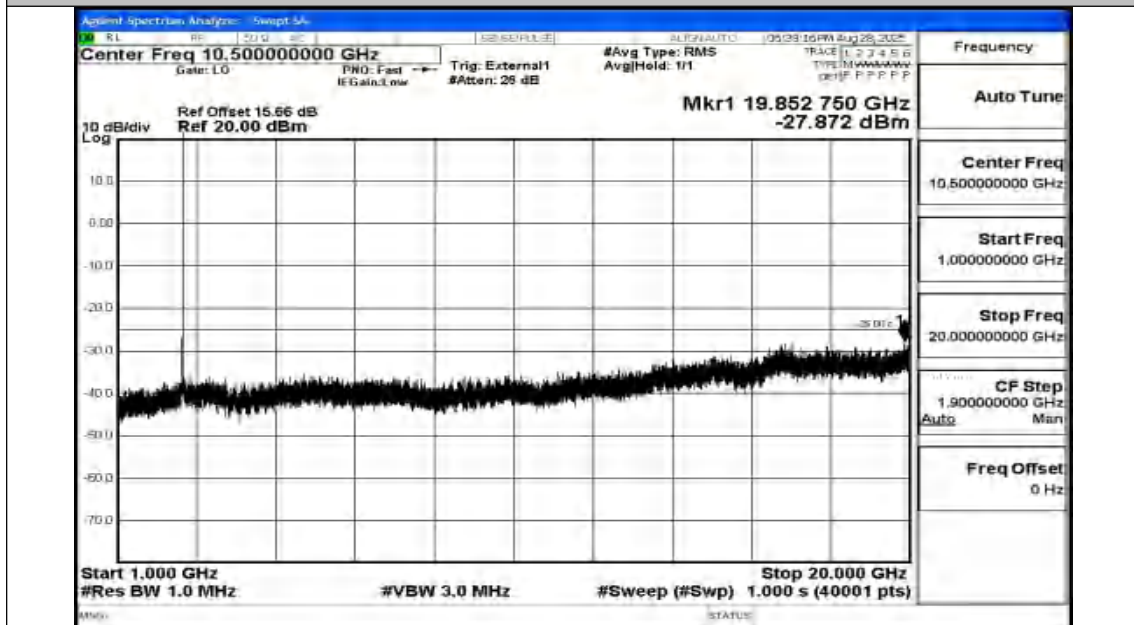
Band38\_5MHz\_16QAM\_37775\_1RB#0\_0.009~0.15\_0.009~0.15



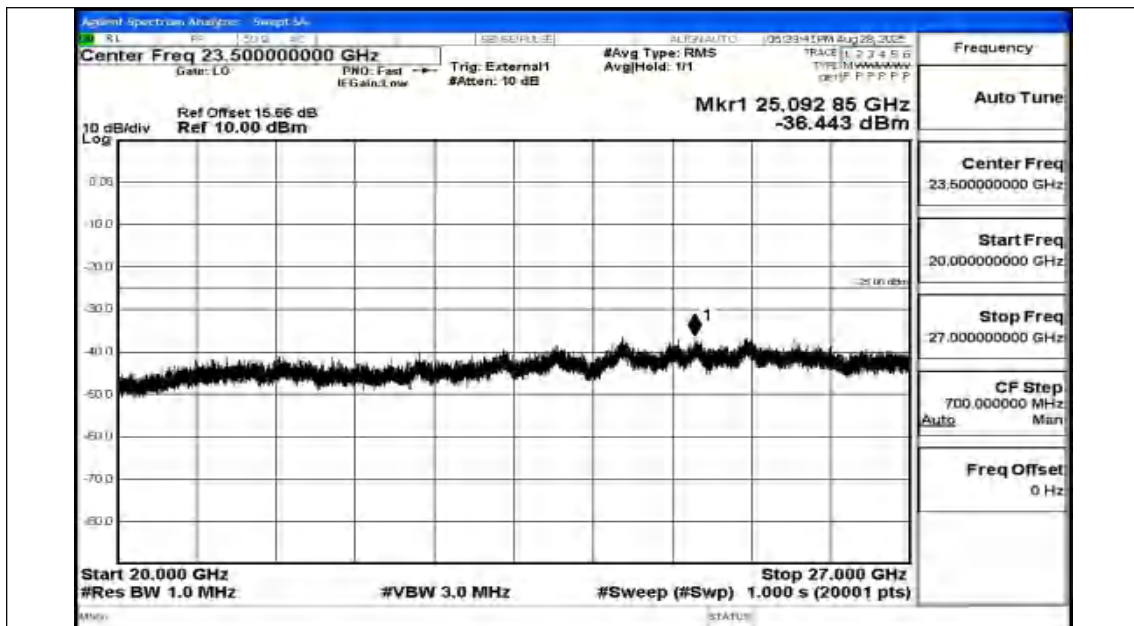
Band38\_5MHz\_16QAM\_37775\_1RB#0\_0.15~30\_0.15~30



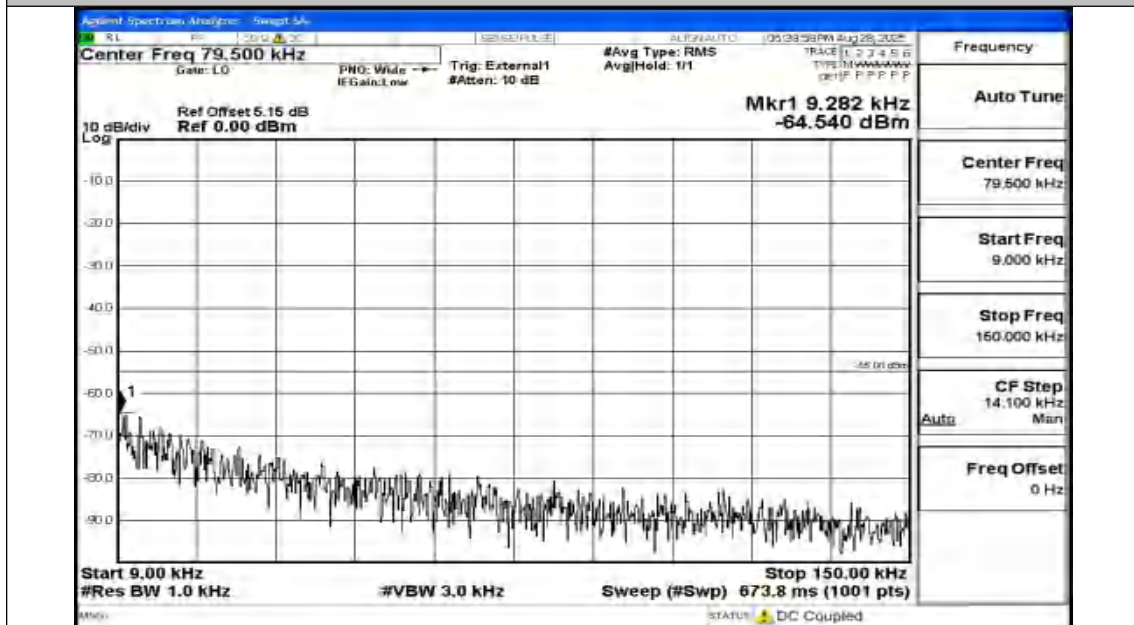
Band38\_5MHz\_16QAM\_37775\_1RB#0\_30~1000\_30~1000



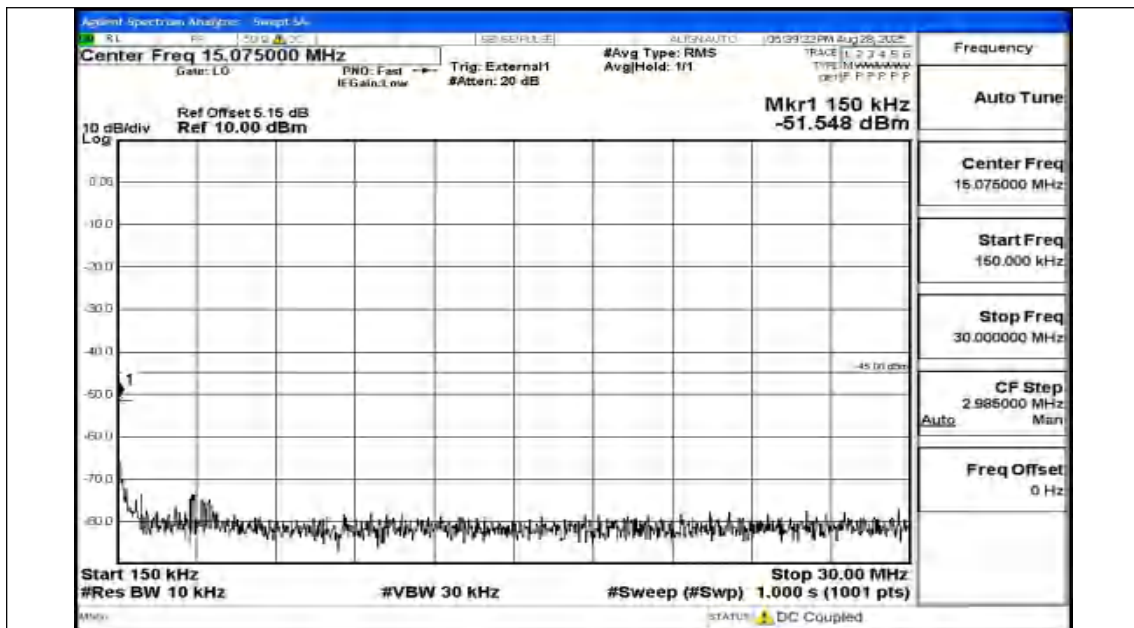
Band38\_5MHz\_16QAM\_37775\_1RB#0\_1000~20000\_1000~20000



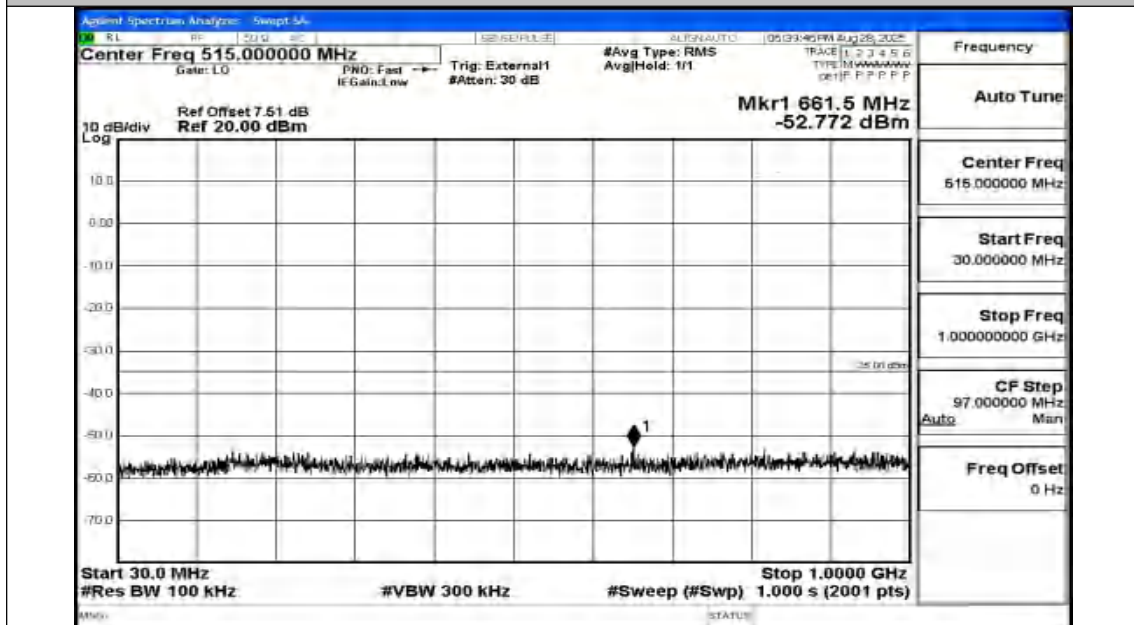
Band38\_5MHz\_16QAM\_37775\_1RB#0\_20000~27000\_20000~27000



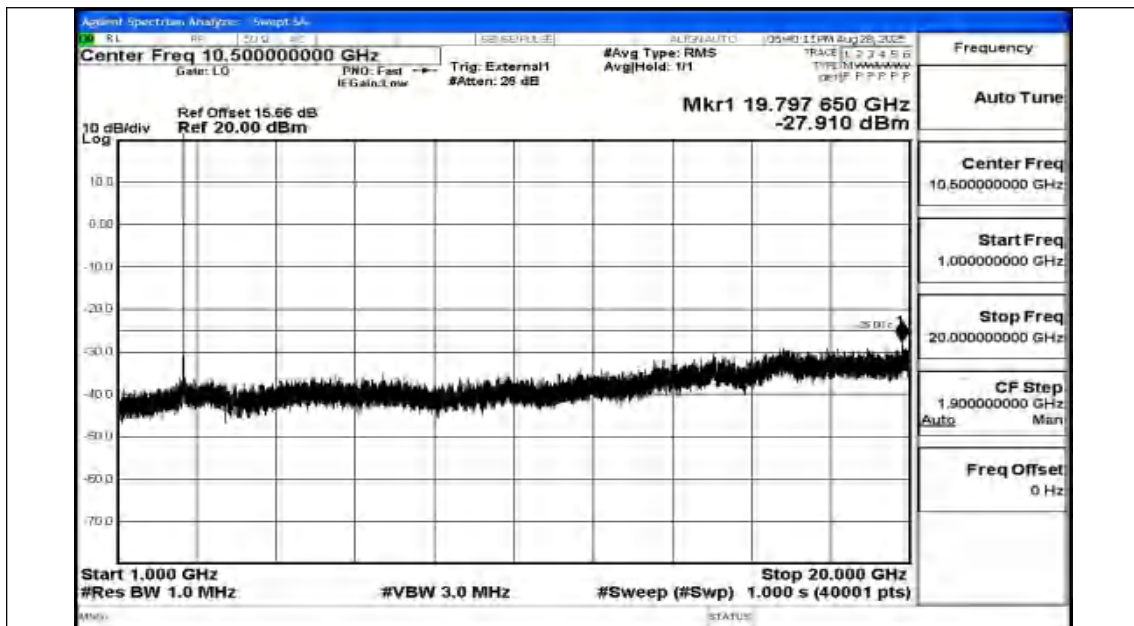
Band38\_5MHz\_QPSK\_38000\_1RB#0\_0.009~0.15\_0.009~0.15



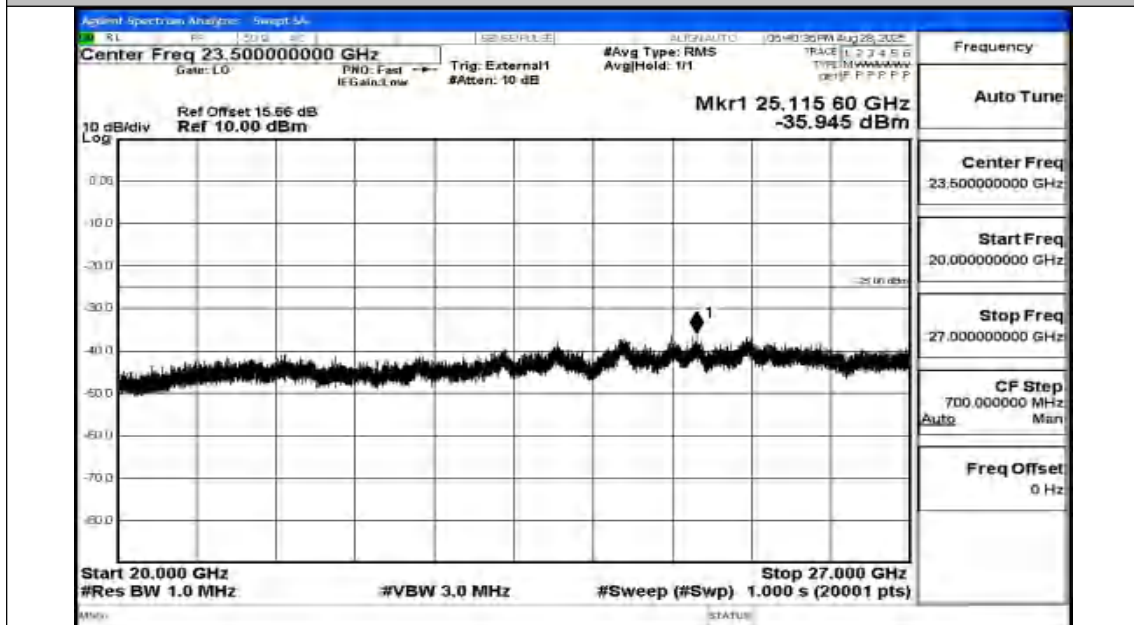
Band38\_5MHz\_QPSK\_38000\_1RB#0\_0.15~30\_0.15~30



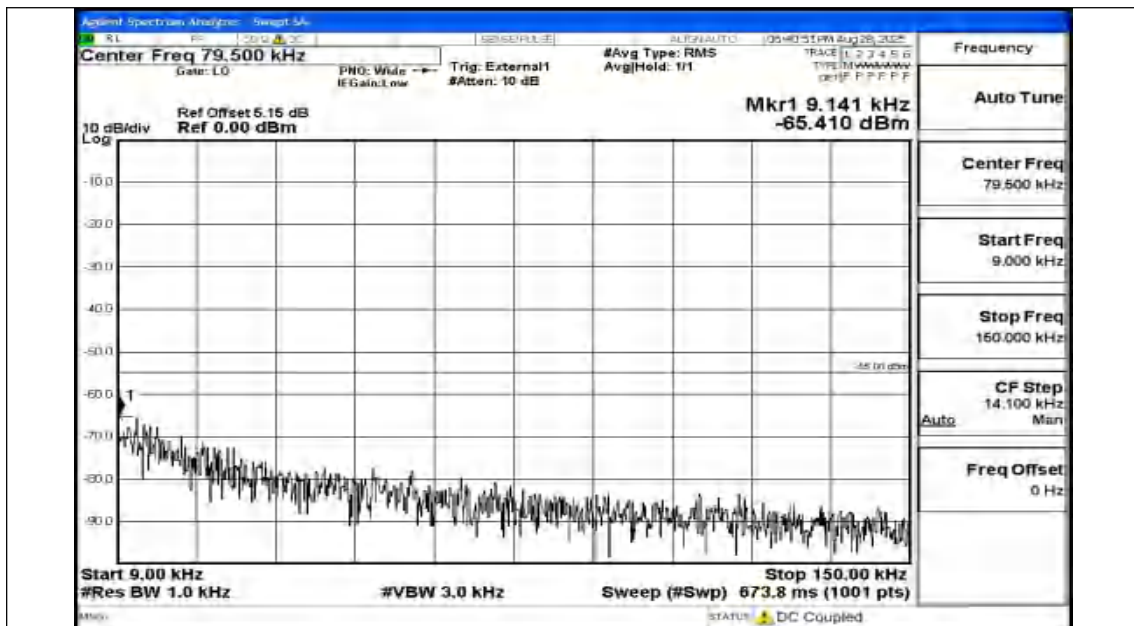
Band38\_5MHz\_QPSK\_38000\_1RB#0\_30~1000\_30~1000



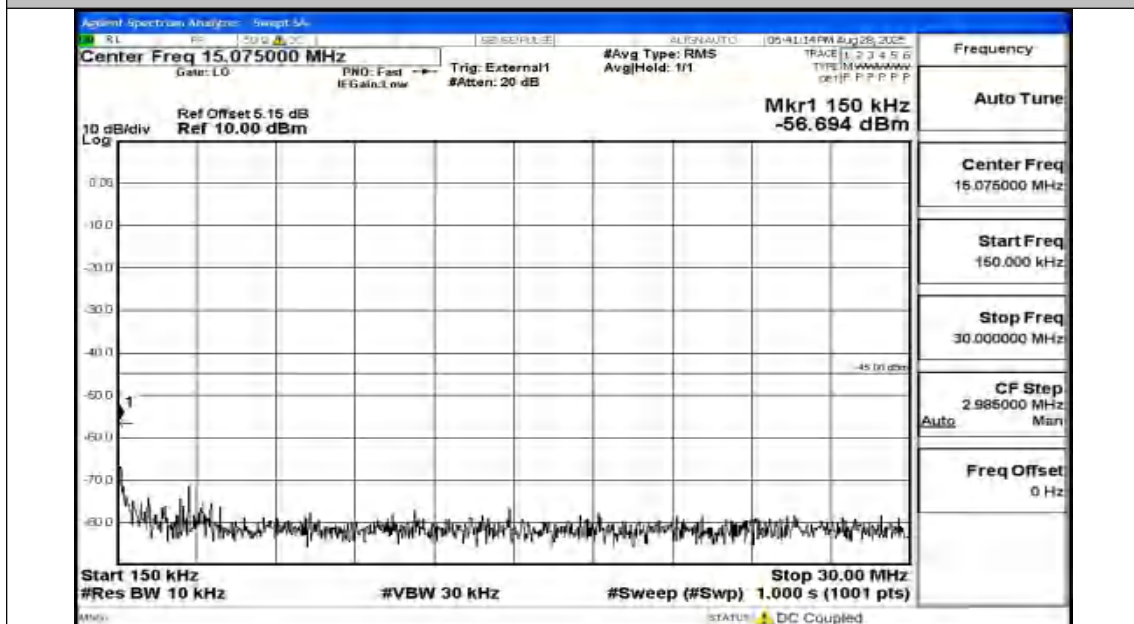
Band38\_5MHz\_QPSK\_38000\_1RB#0\_1000~20000\_1000~20000



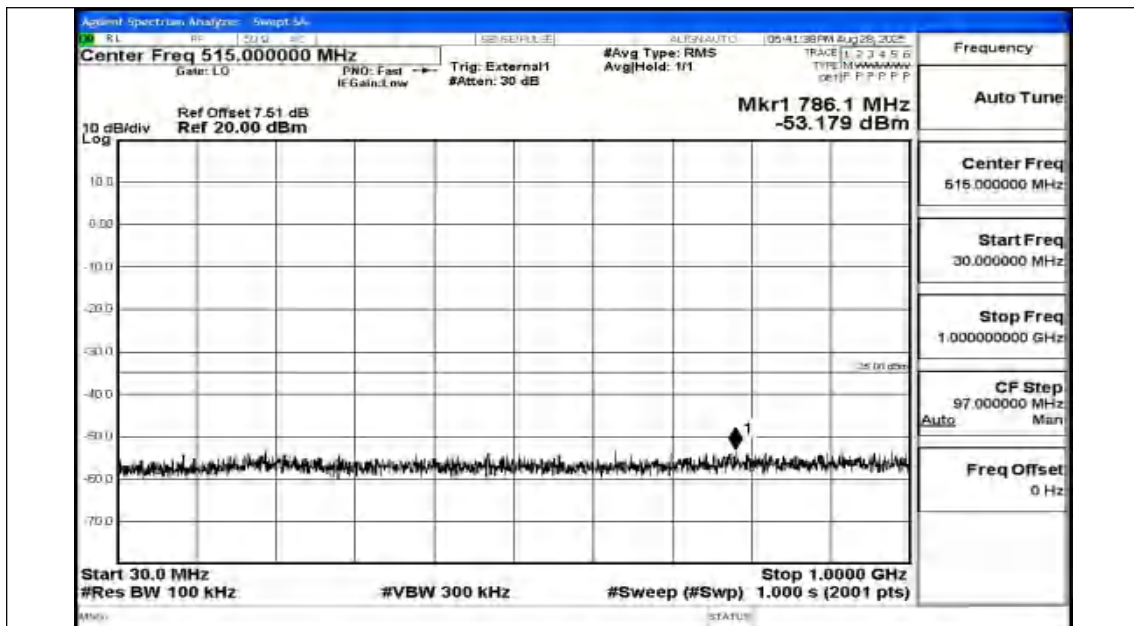
Band38\_5MHz\_QPSK\_38000\_1RB#0\_20000~27000\_20000~27000



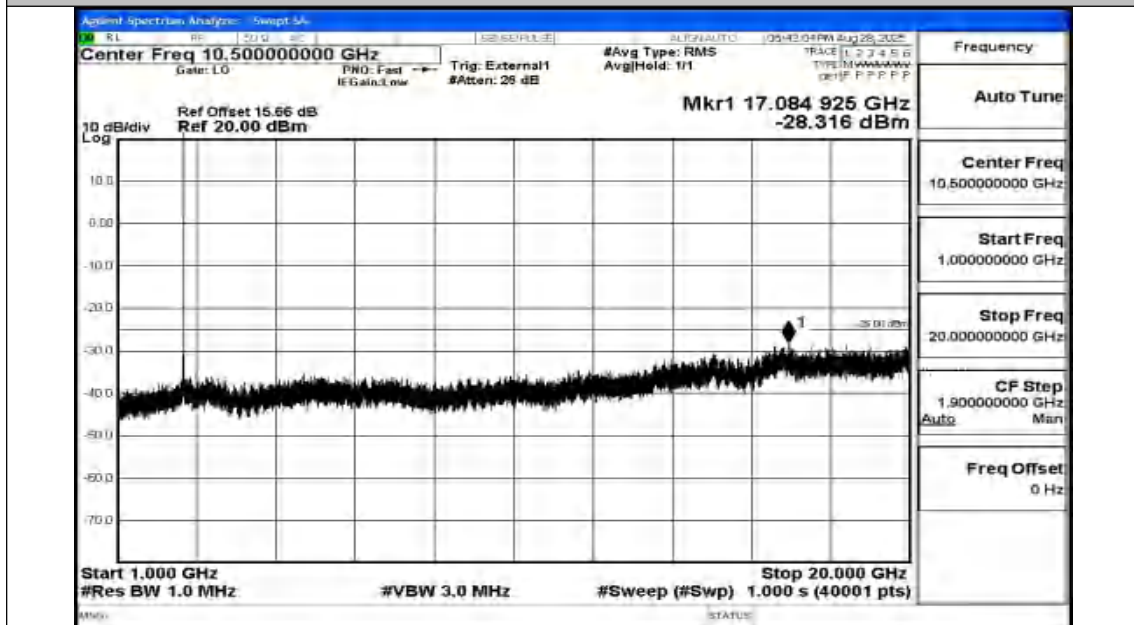
Band38\_5MHz\_16QAM\_38000\_1RB#0\_0.009~0.15\_0.009~0.15



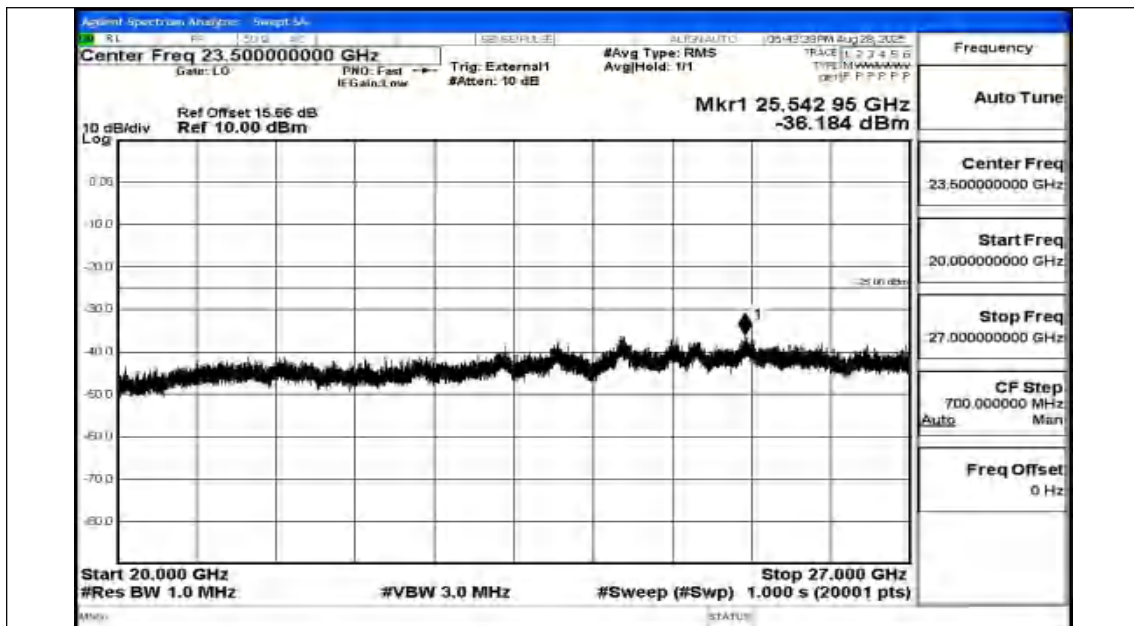
Band38\_5MHz\_16QAM\_38000\_1RB#0\_0.15~30\_0.15~30



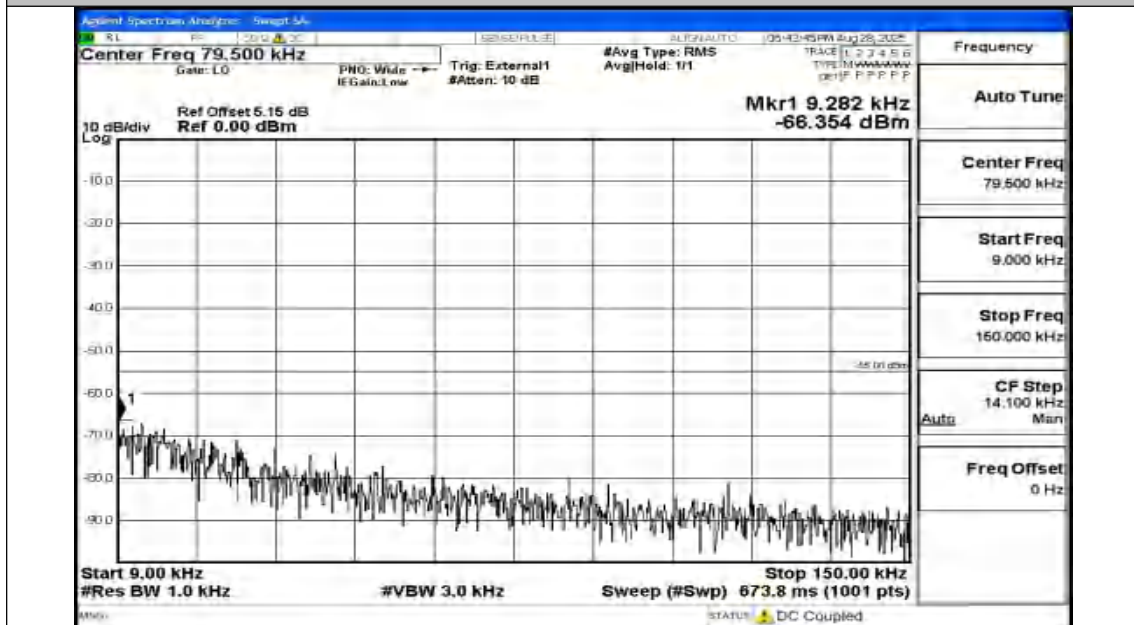
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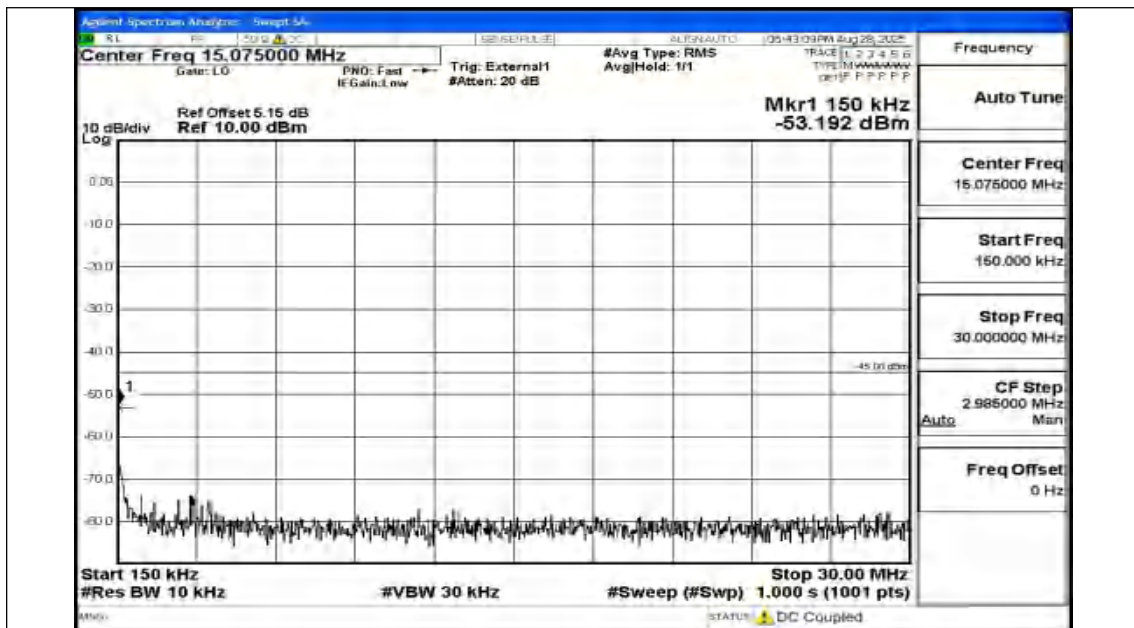
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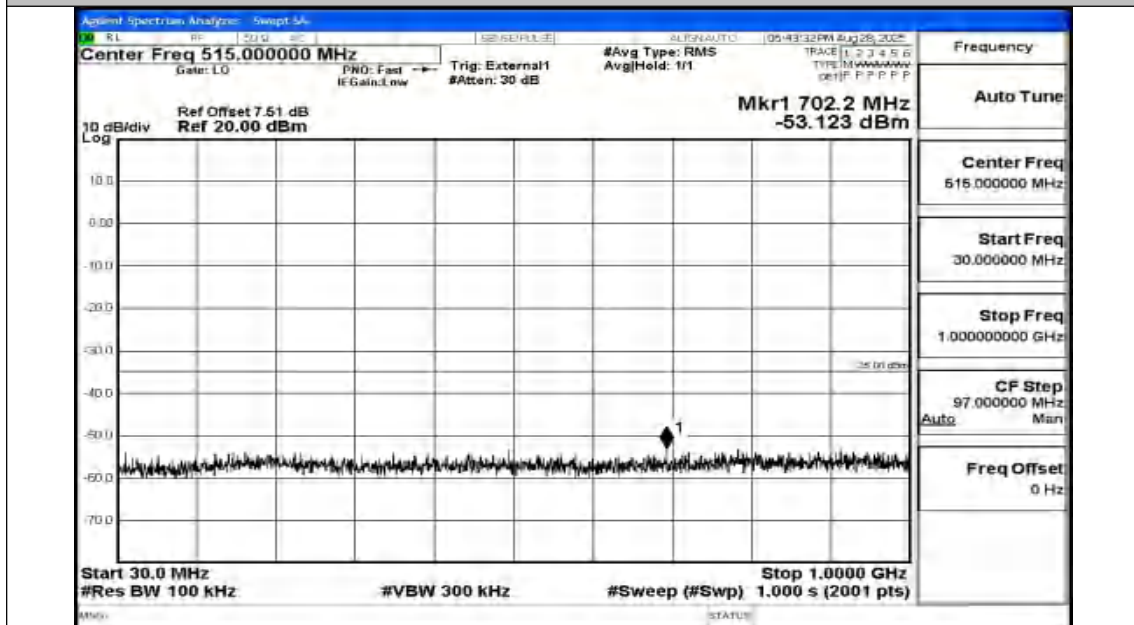
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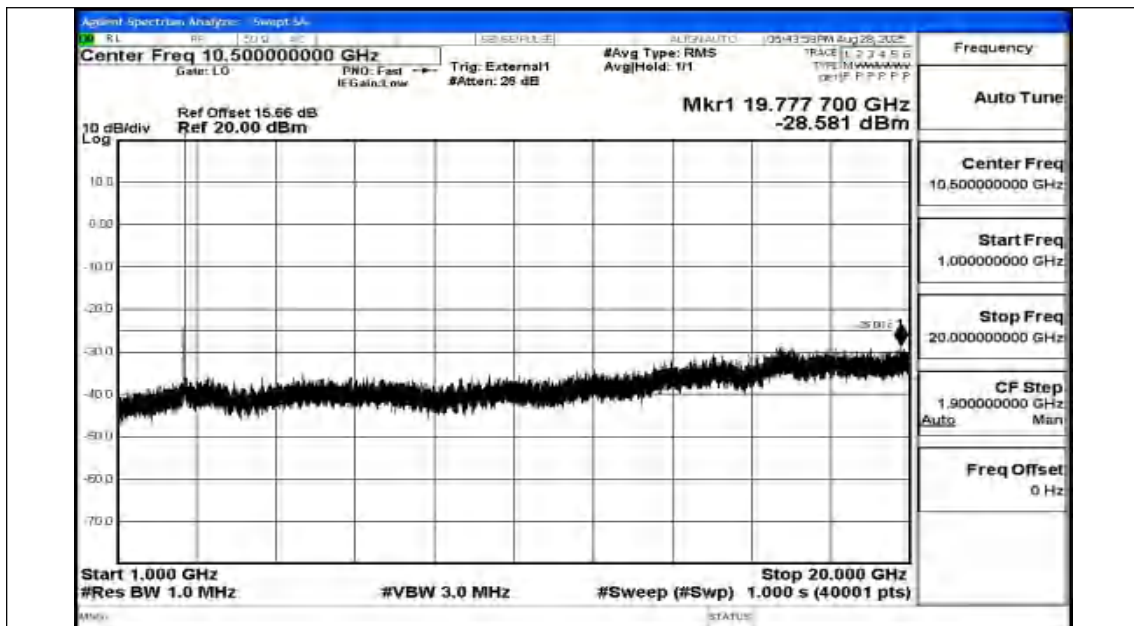
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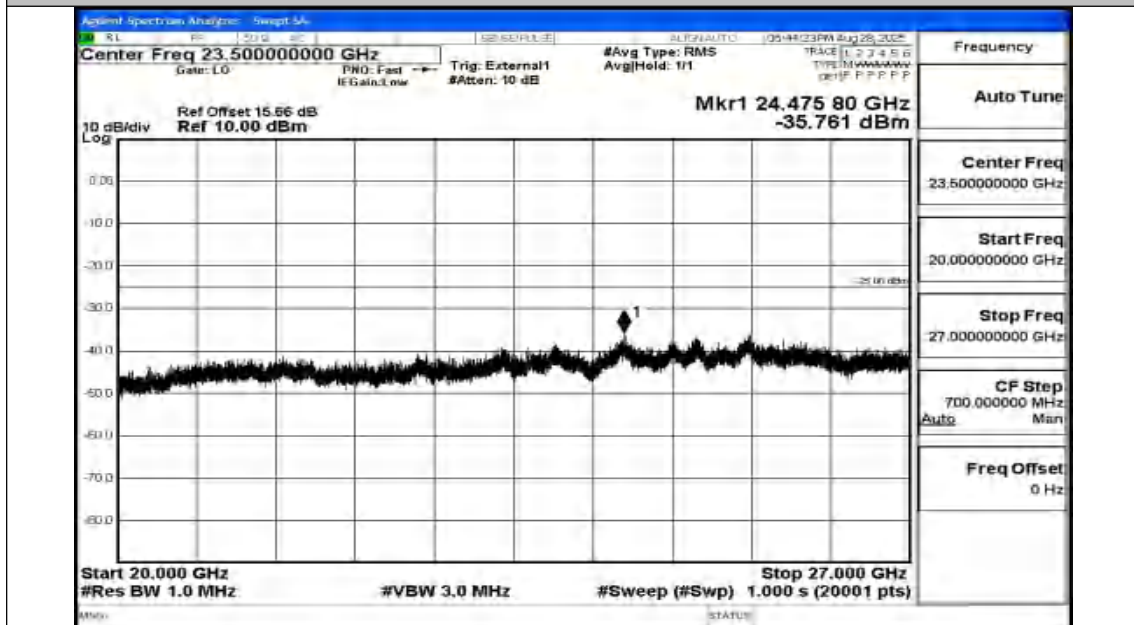
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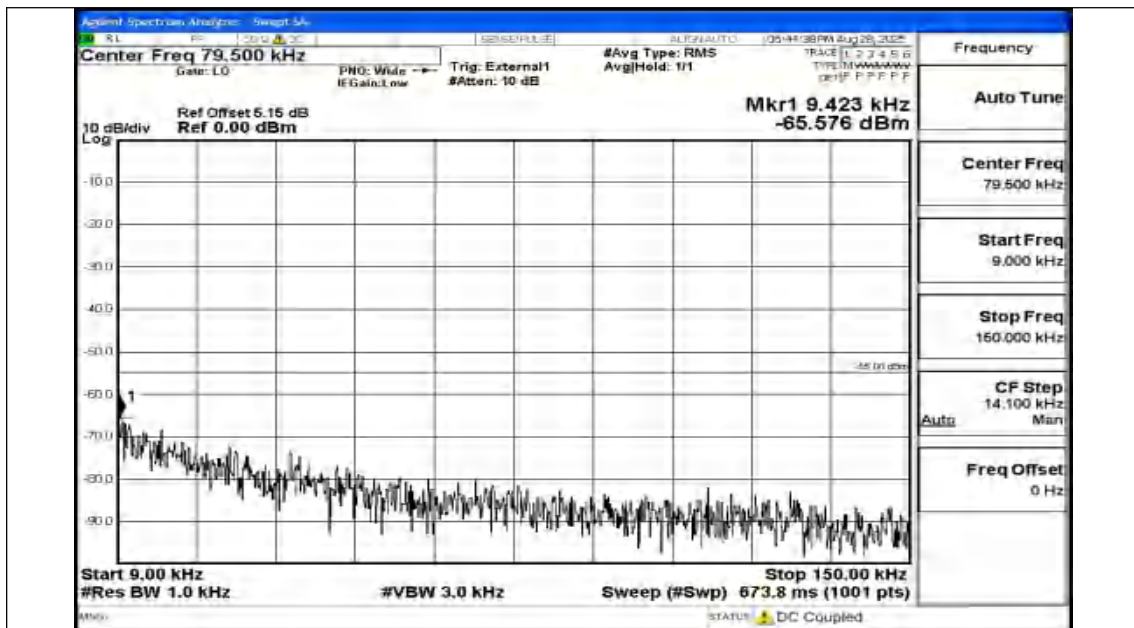
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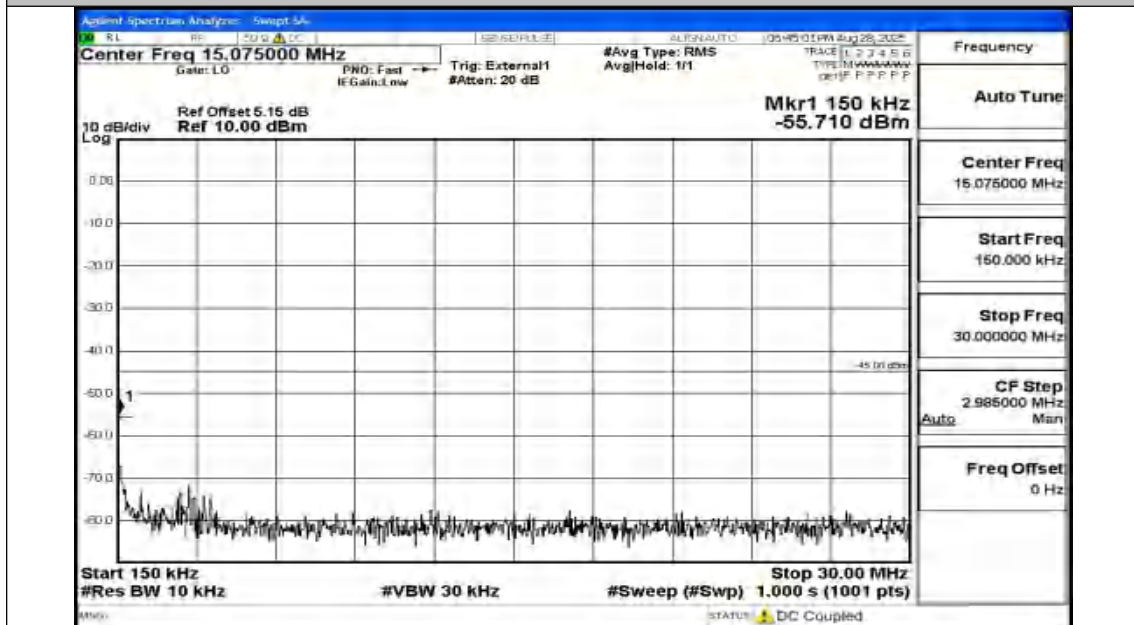
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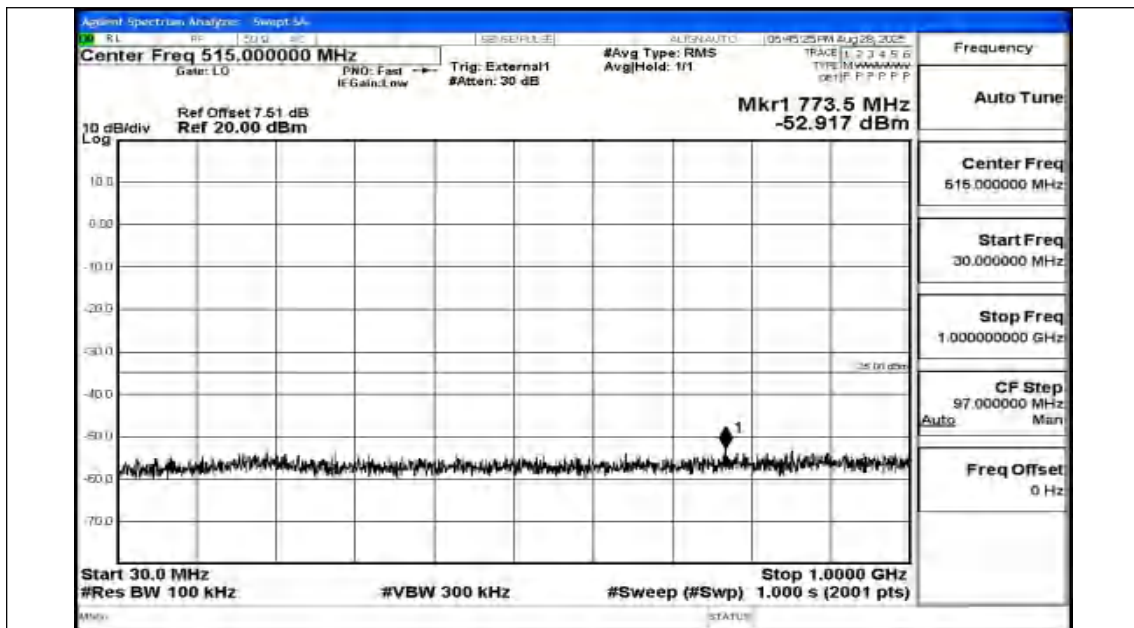
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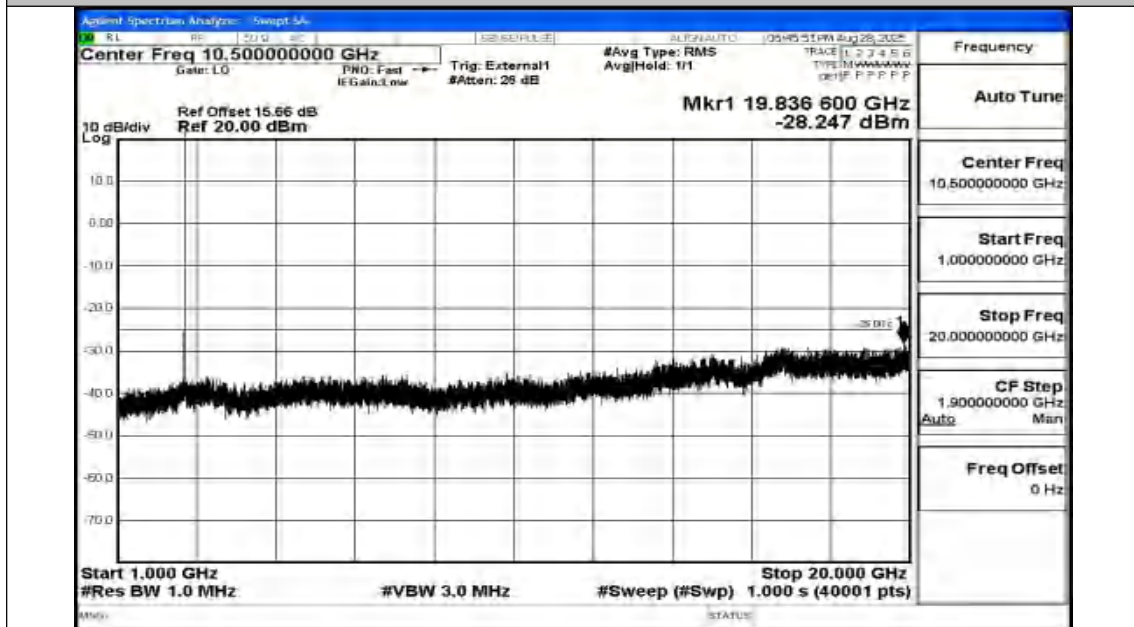
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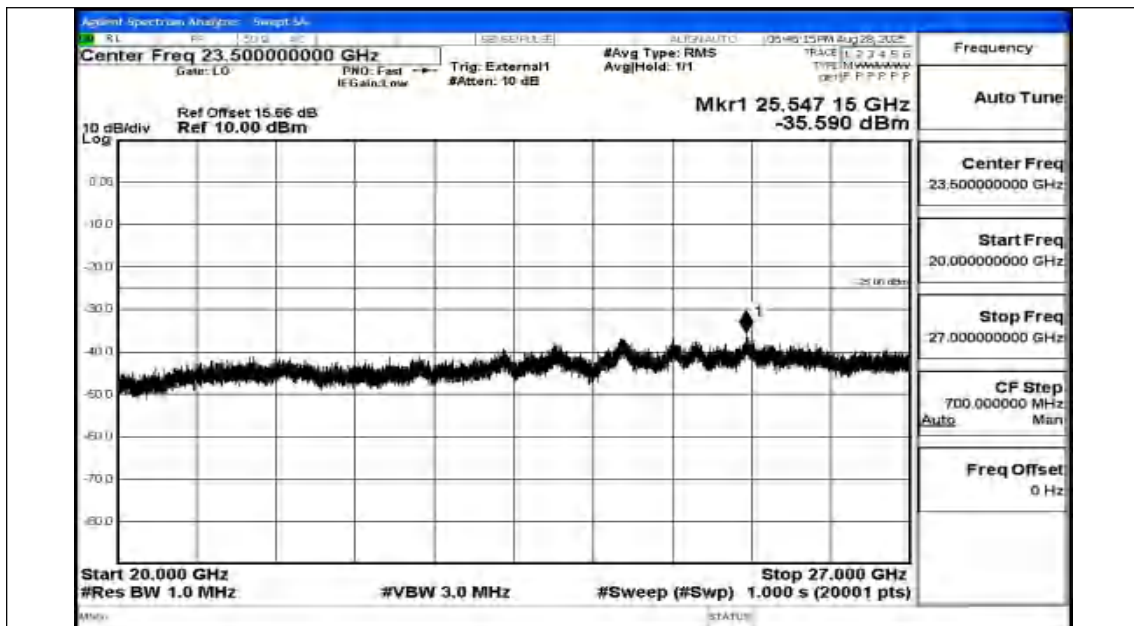
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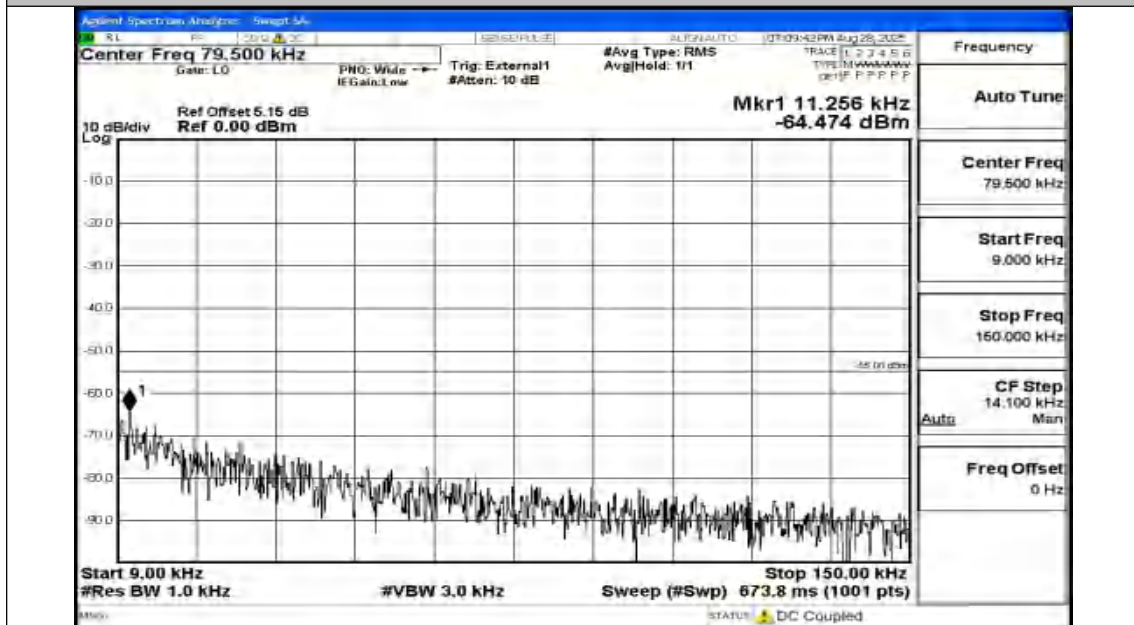
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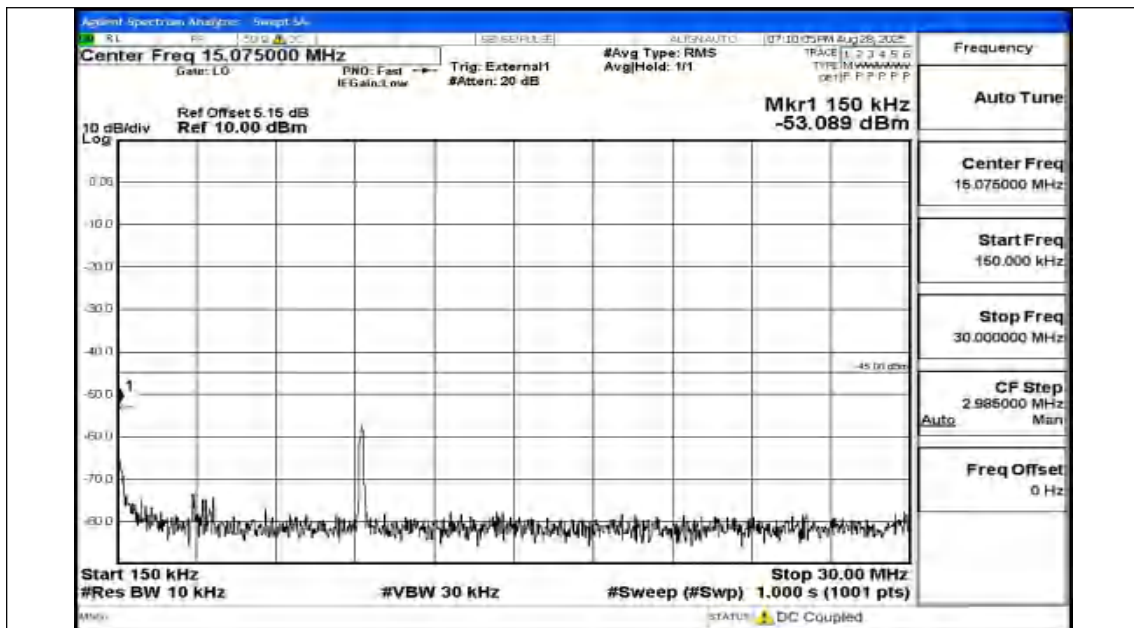
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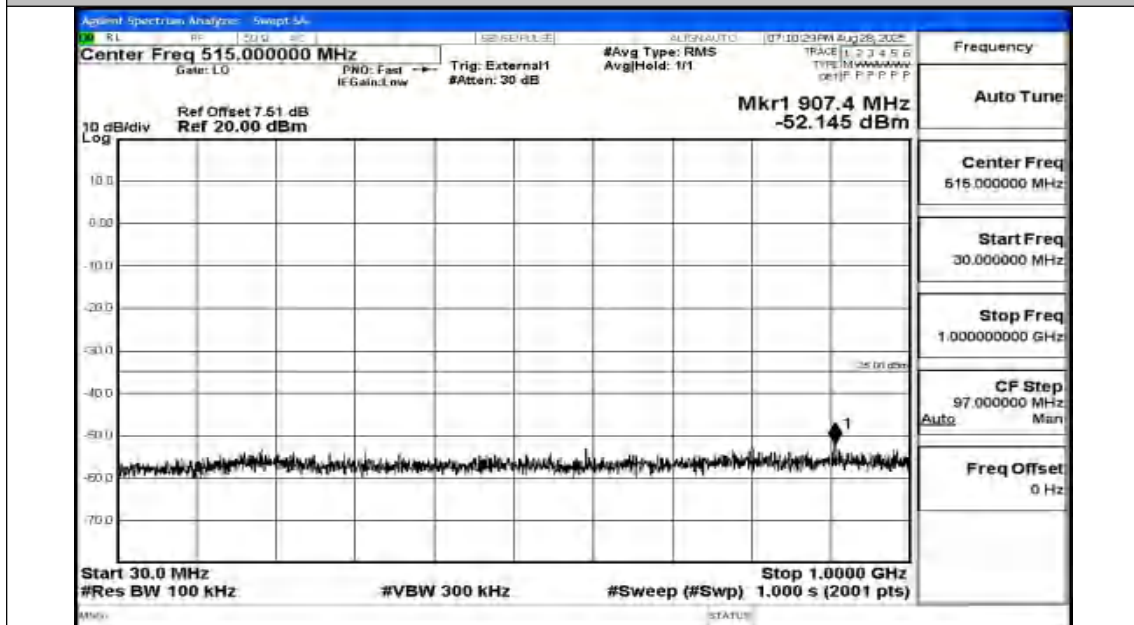
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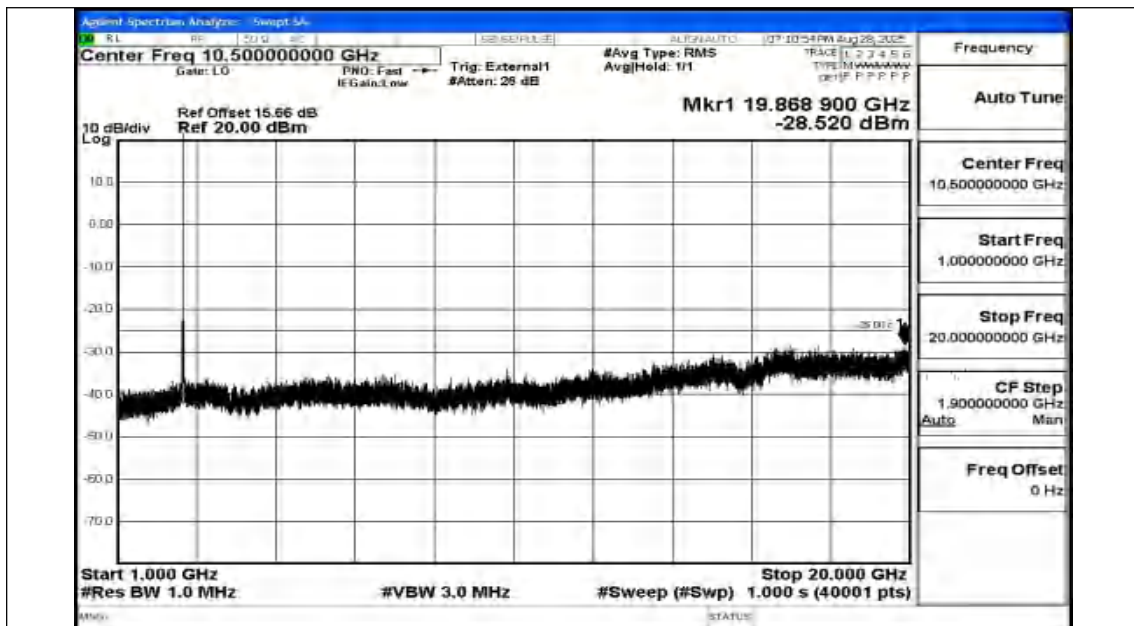
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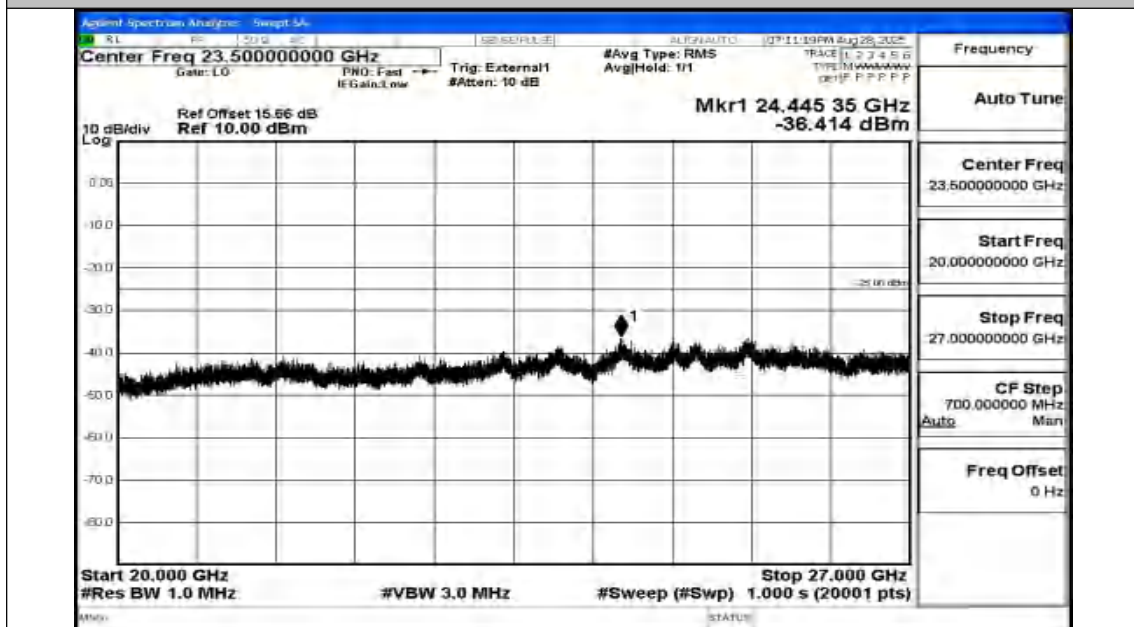
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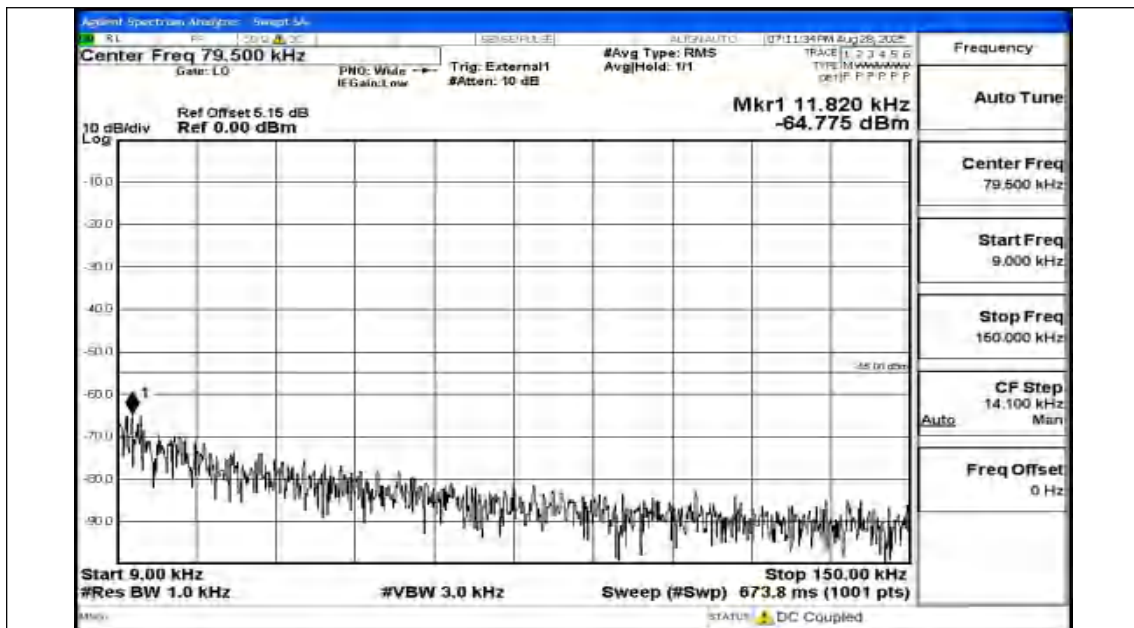
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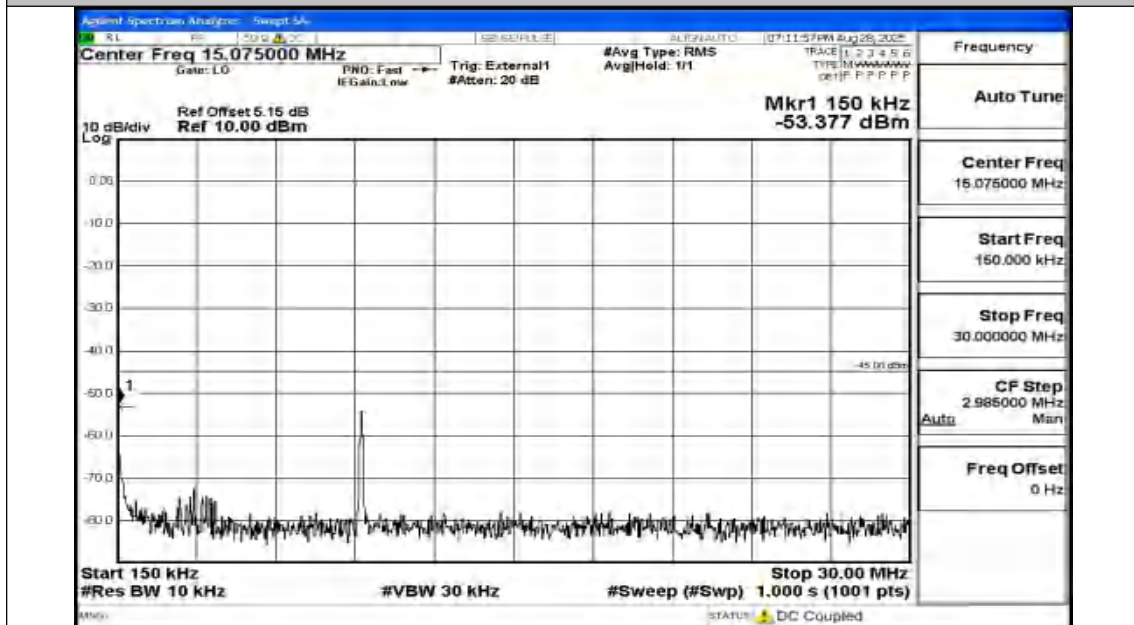
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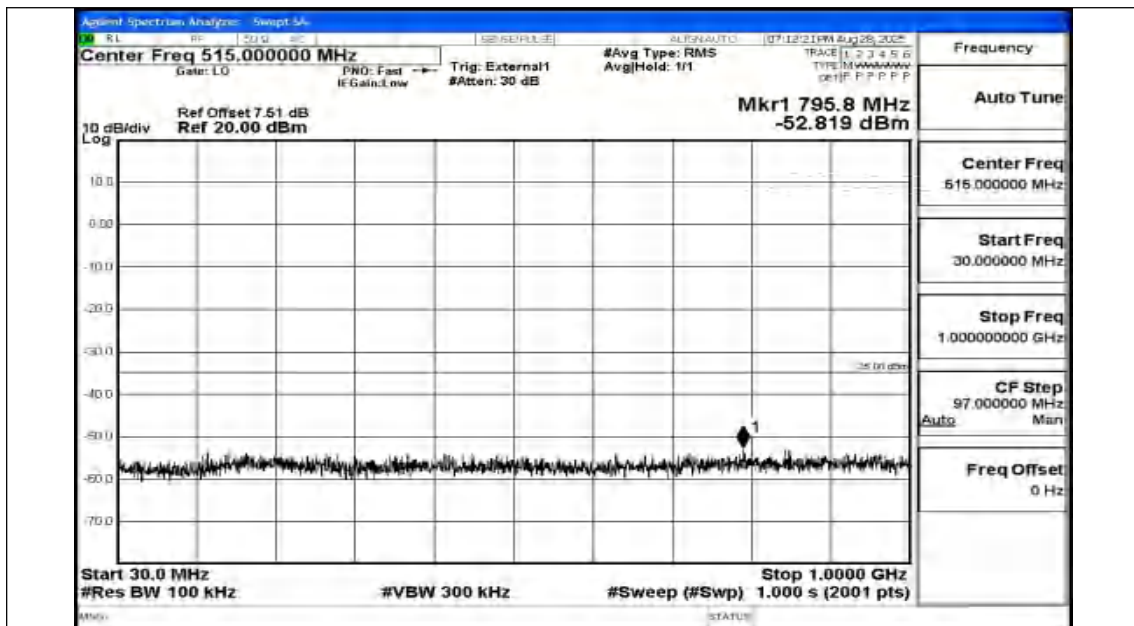
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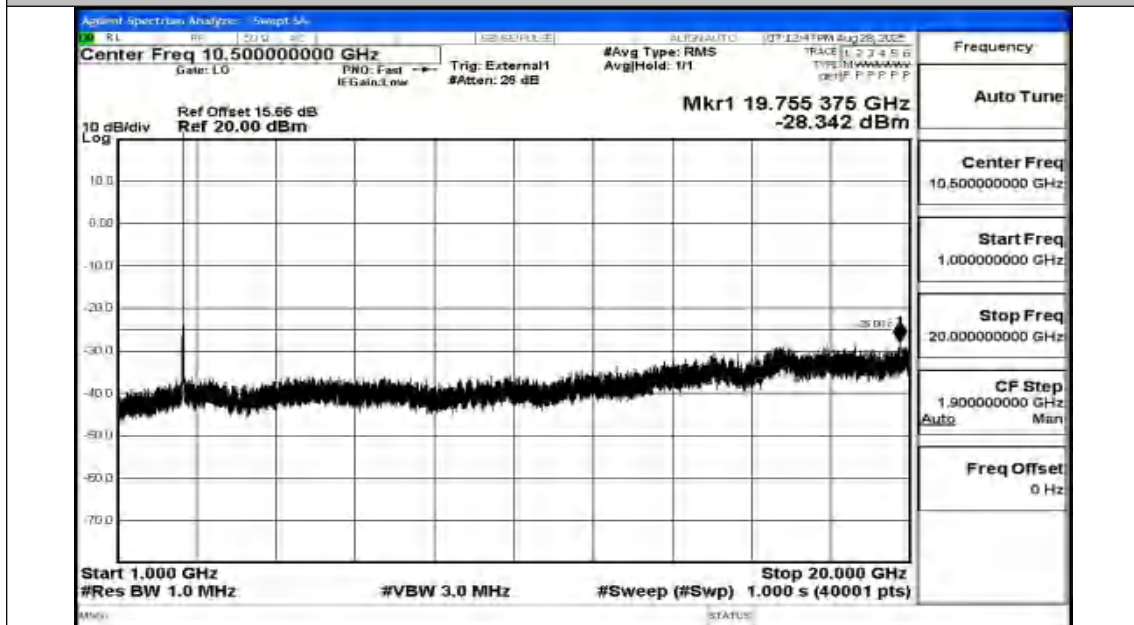
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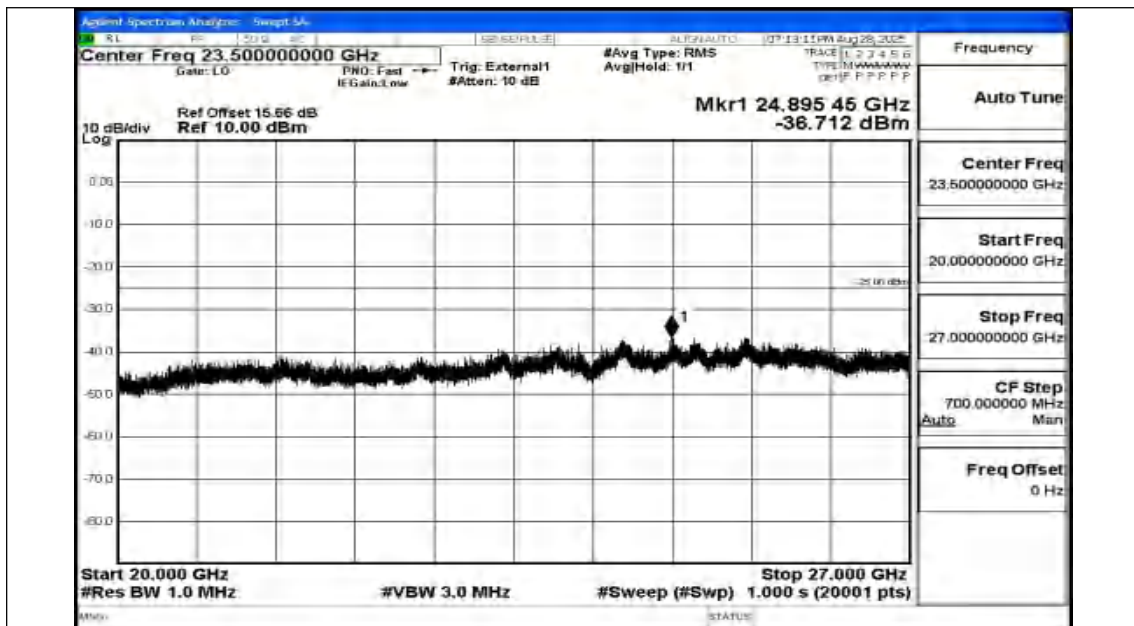
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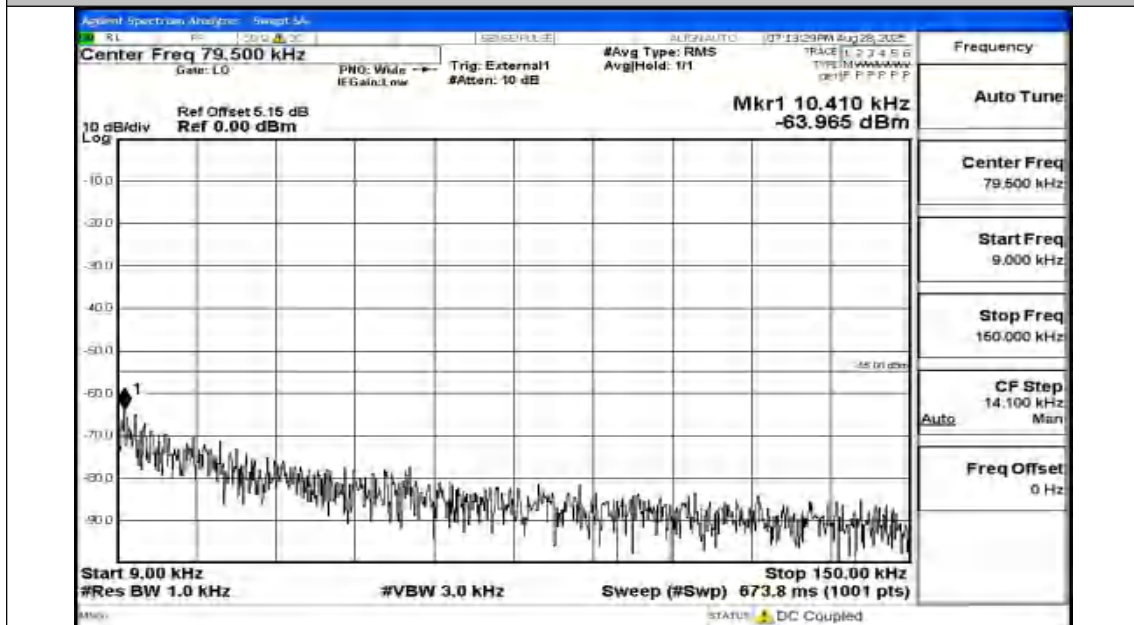
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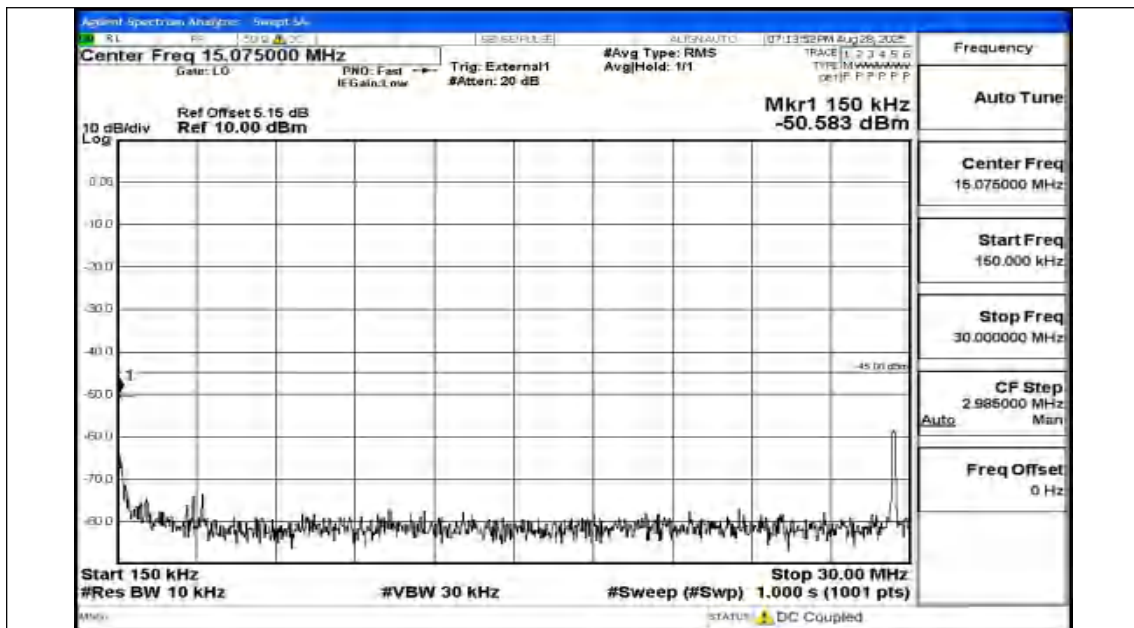
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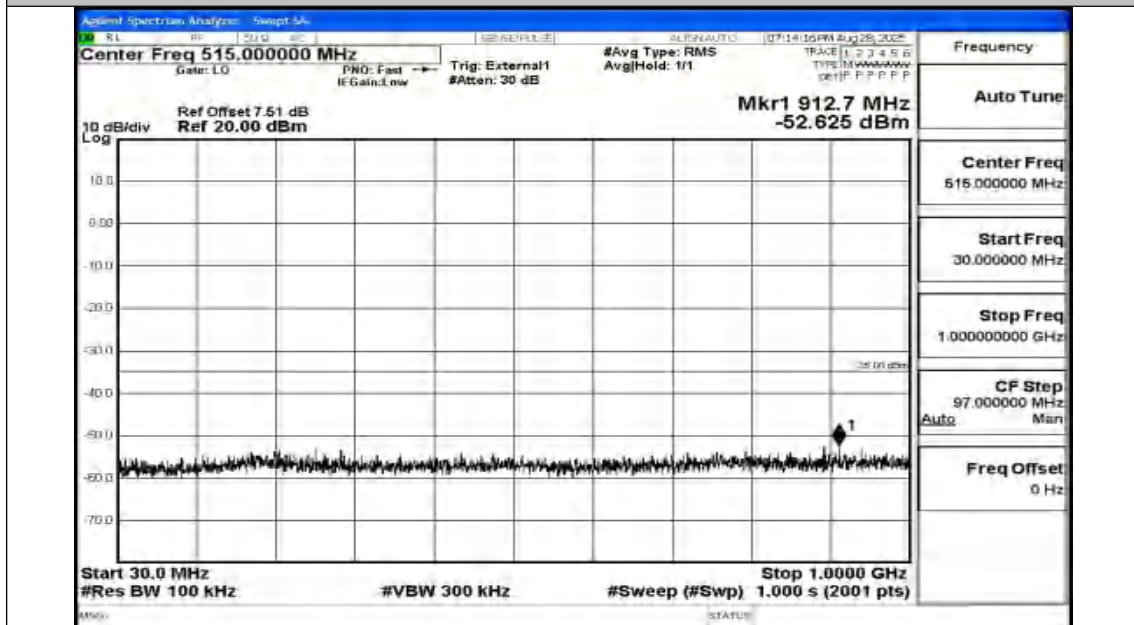
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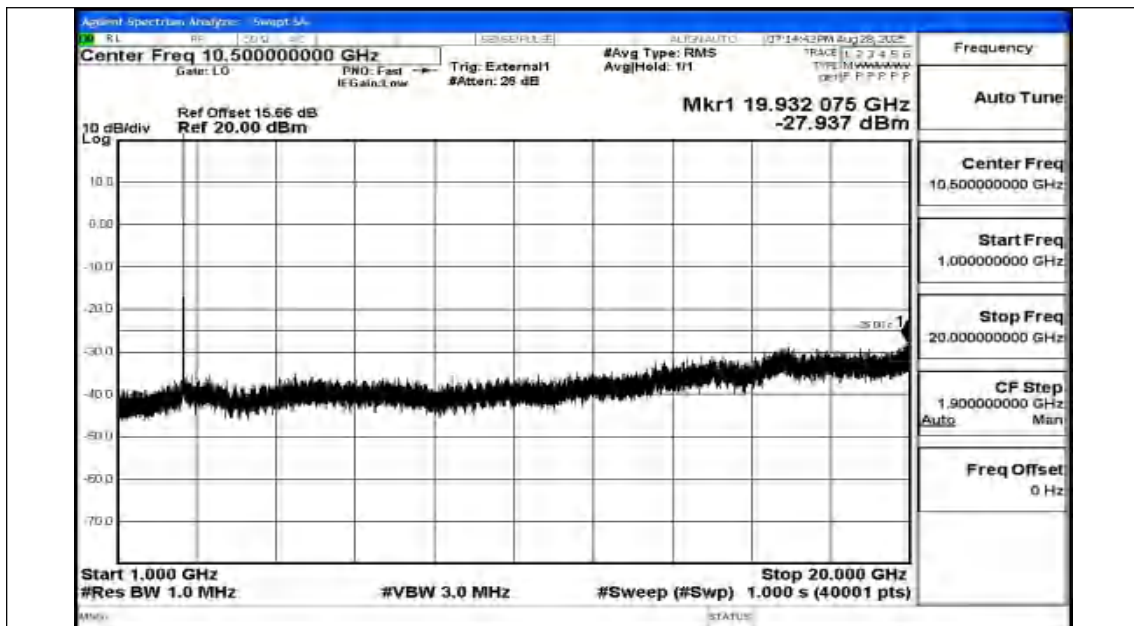
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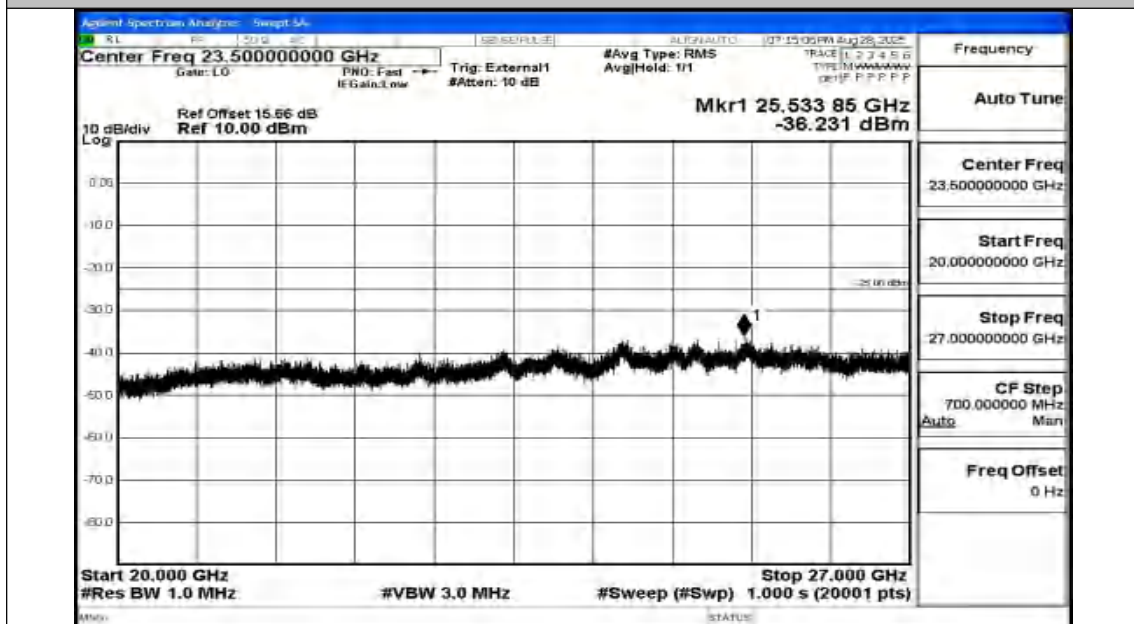
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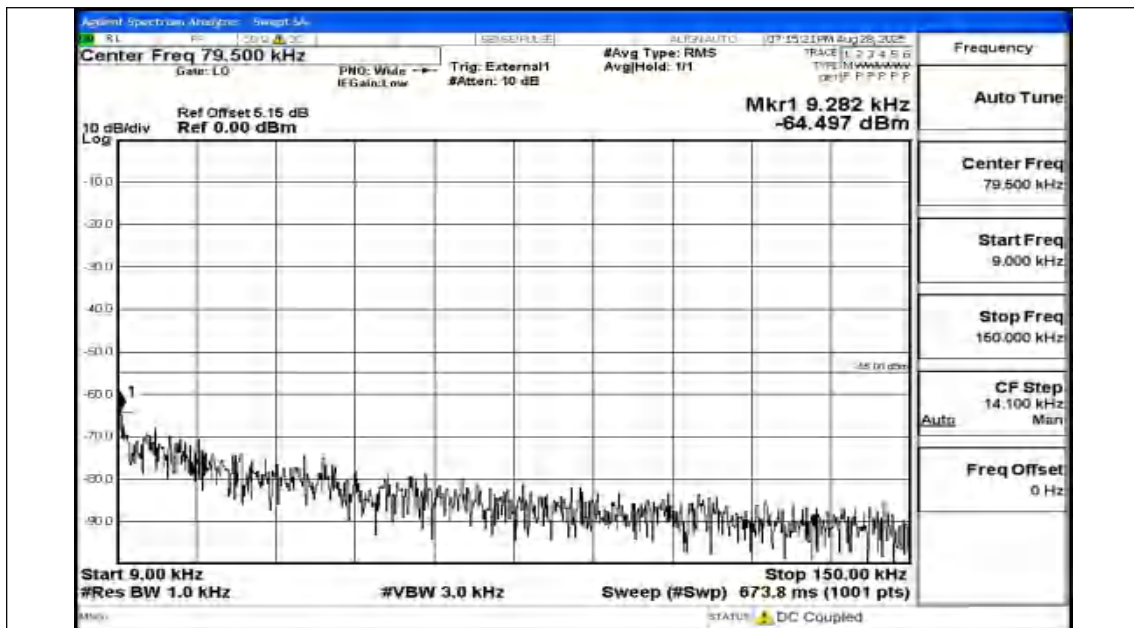
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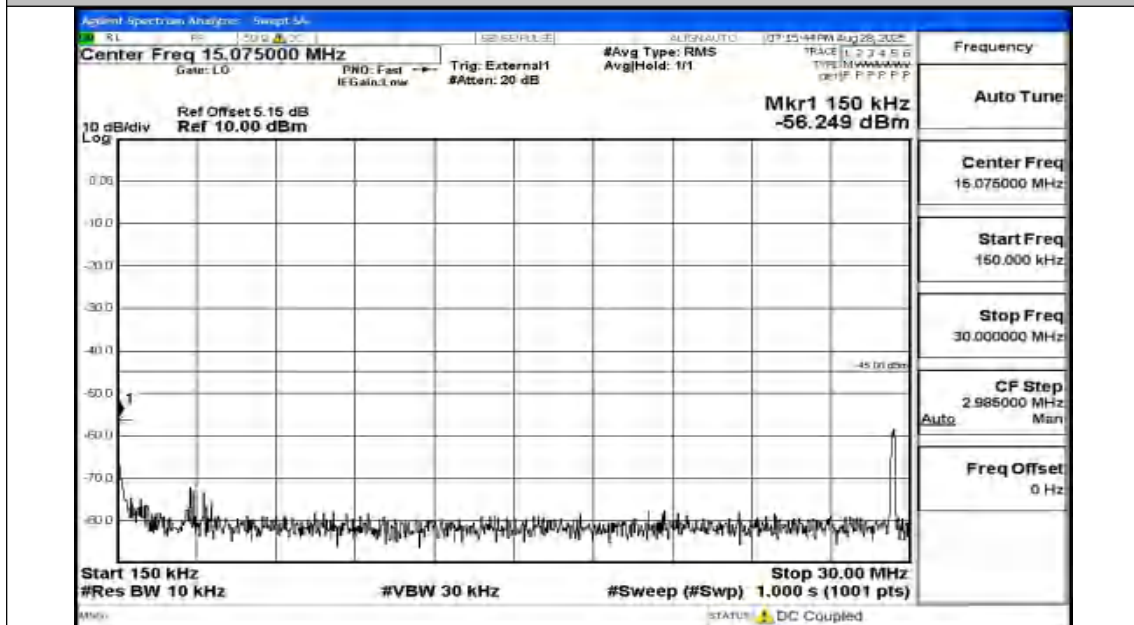
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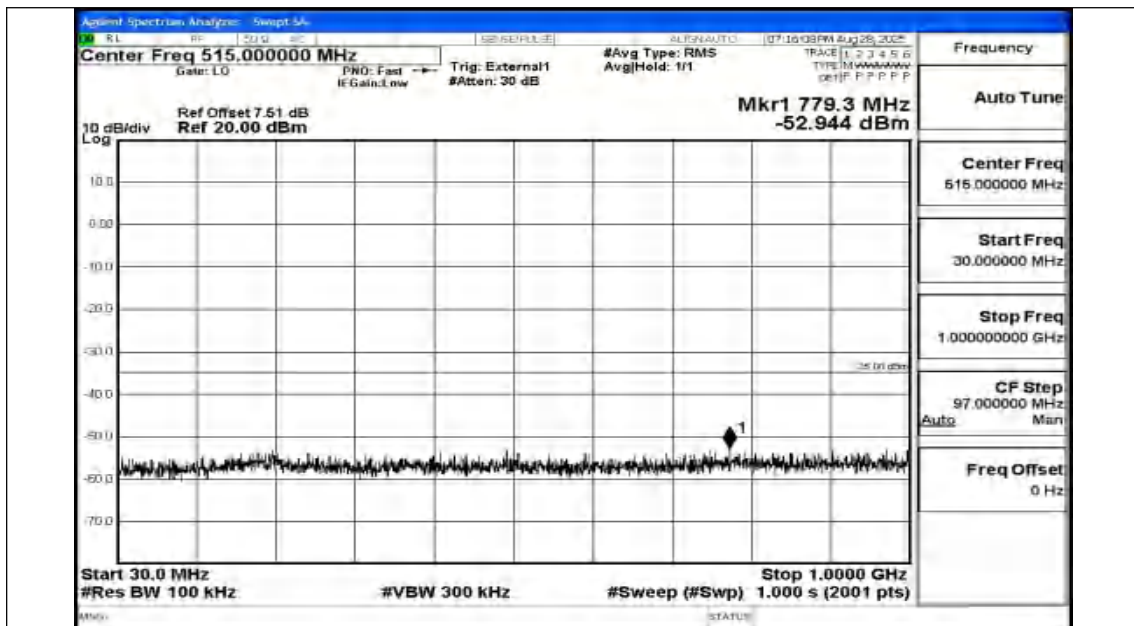
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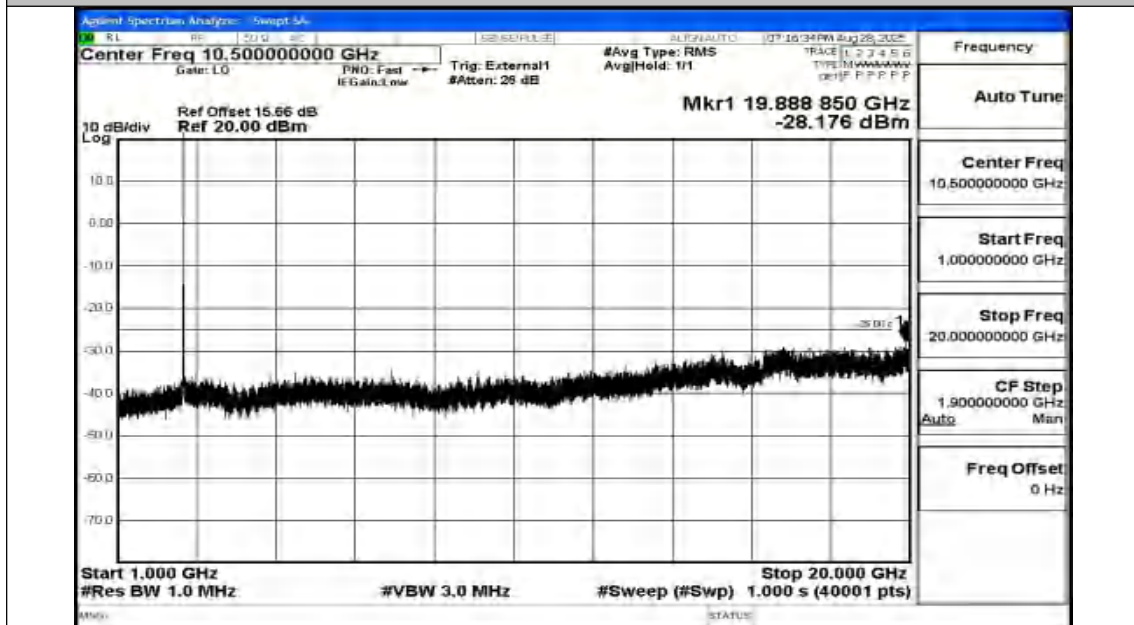
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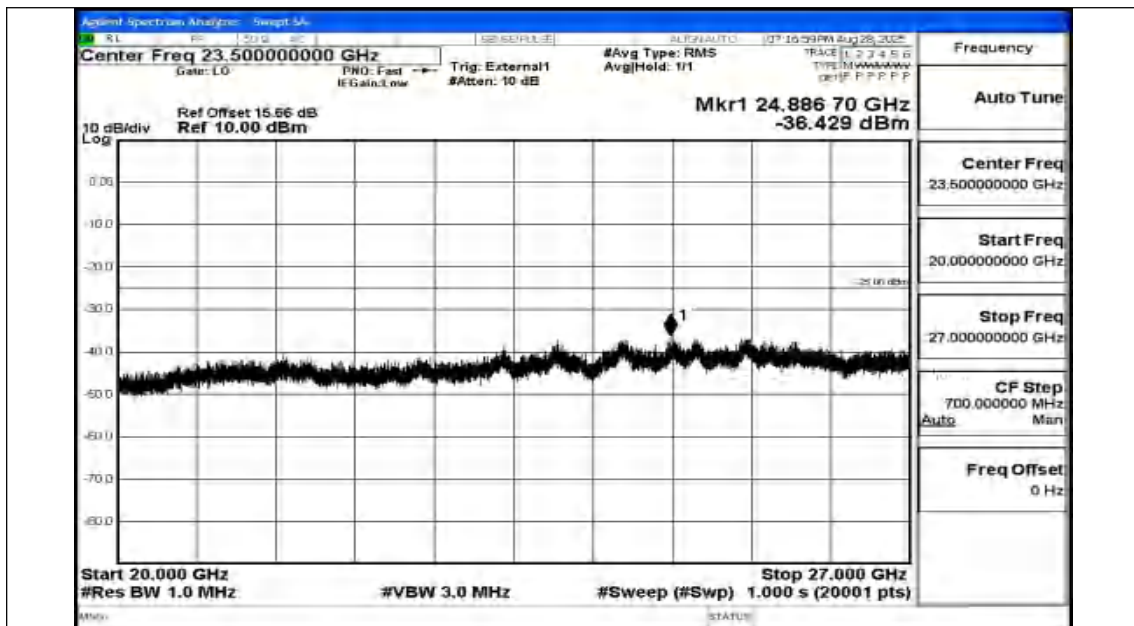
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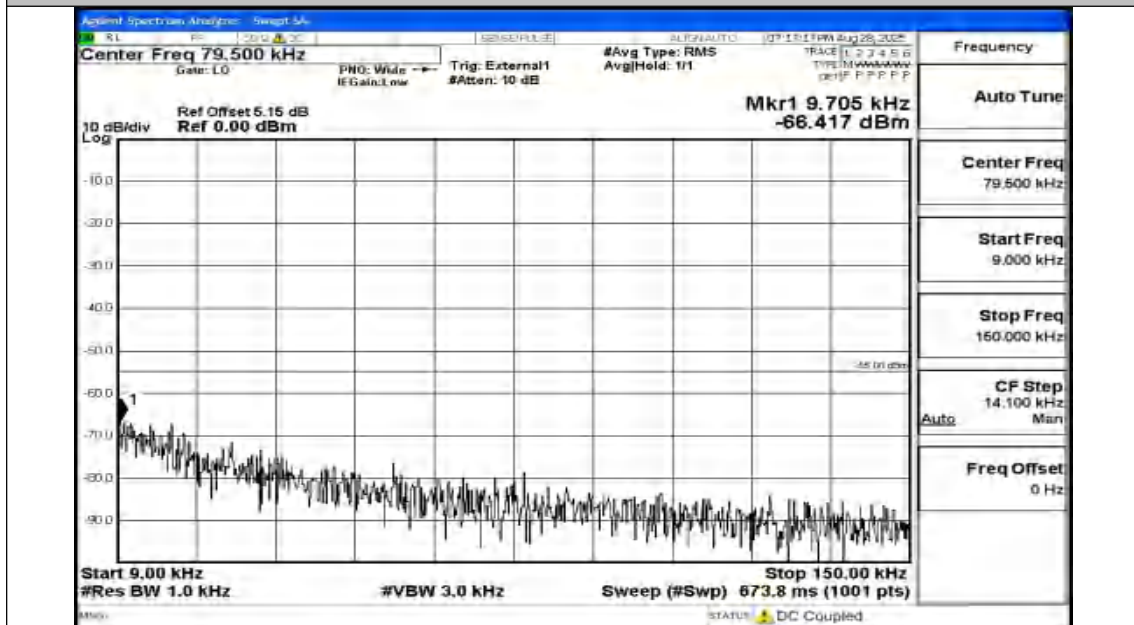
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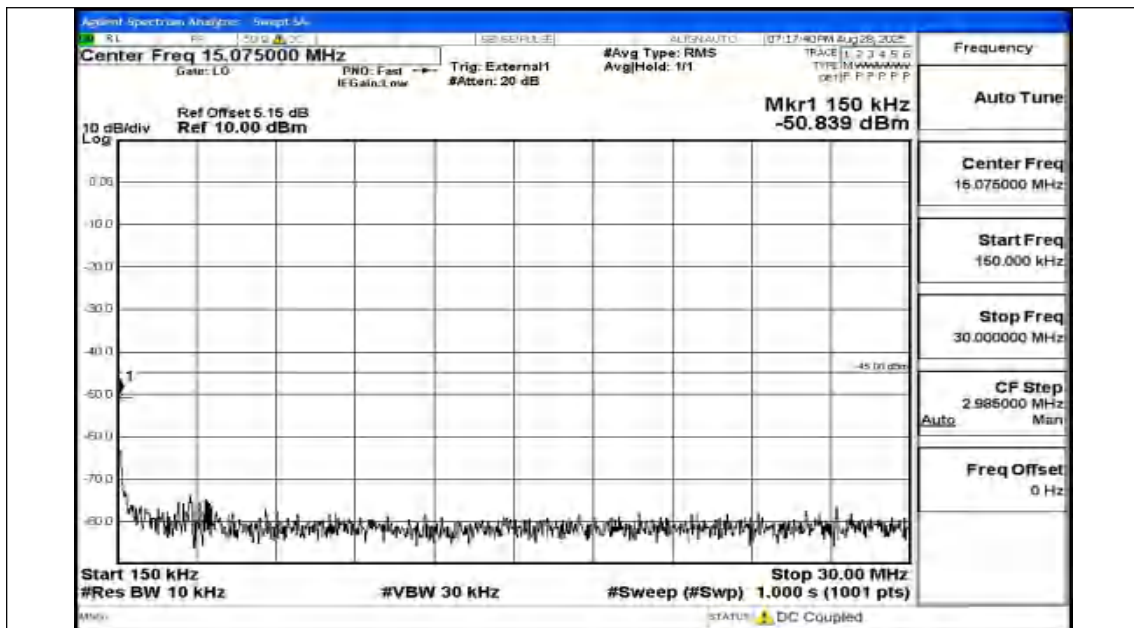
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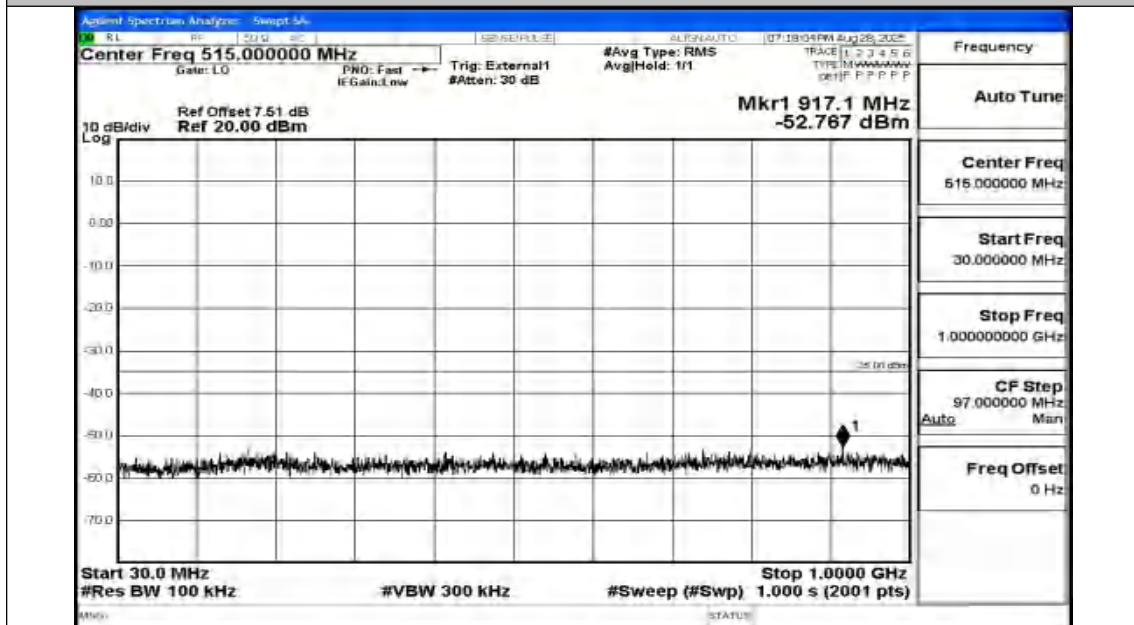
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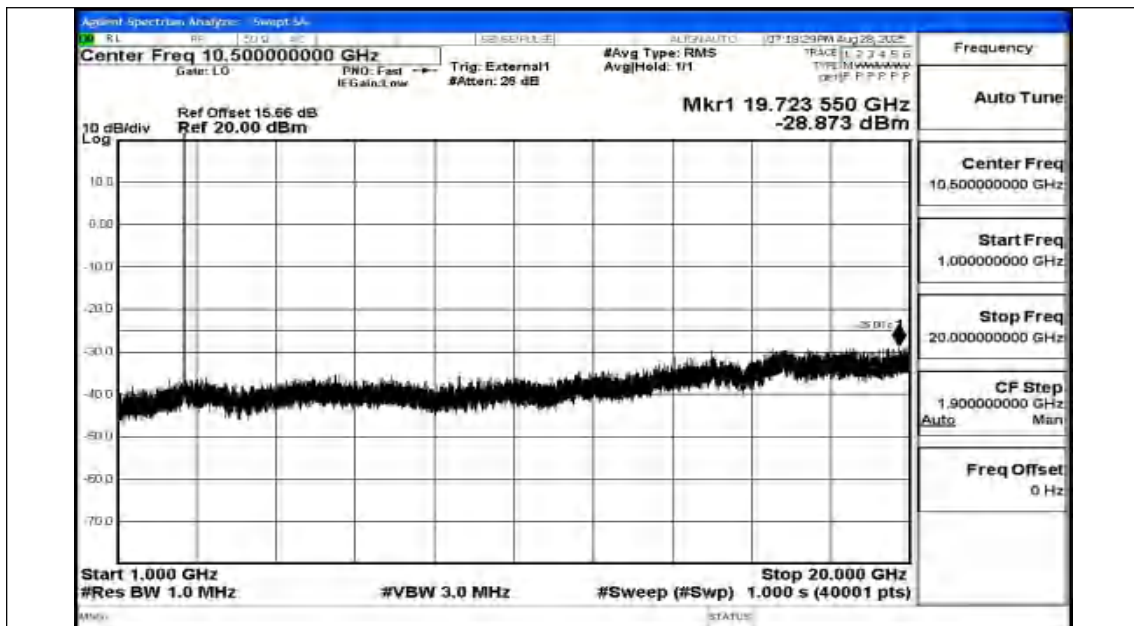
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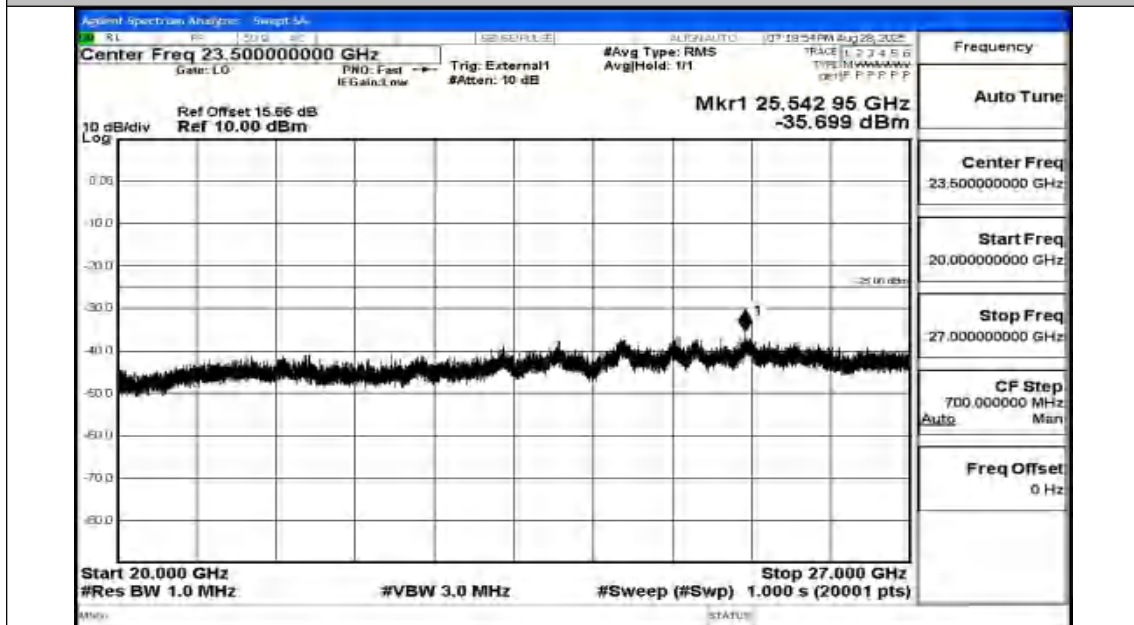
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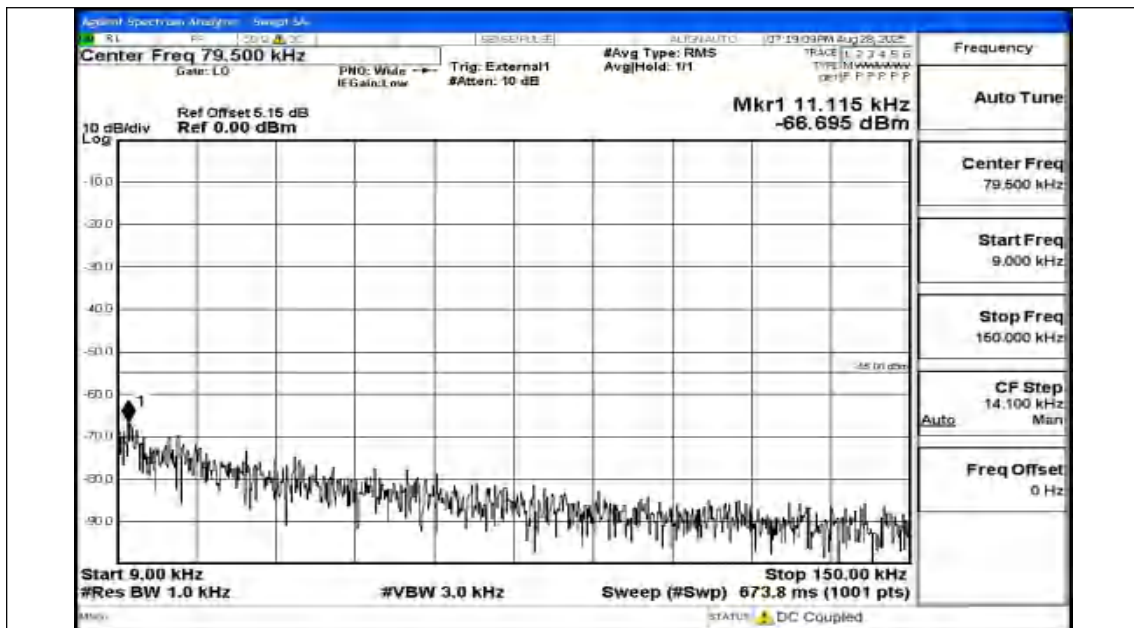
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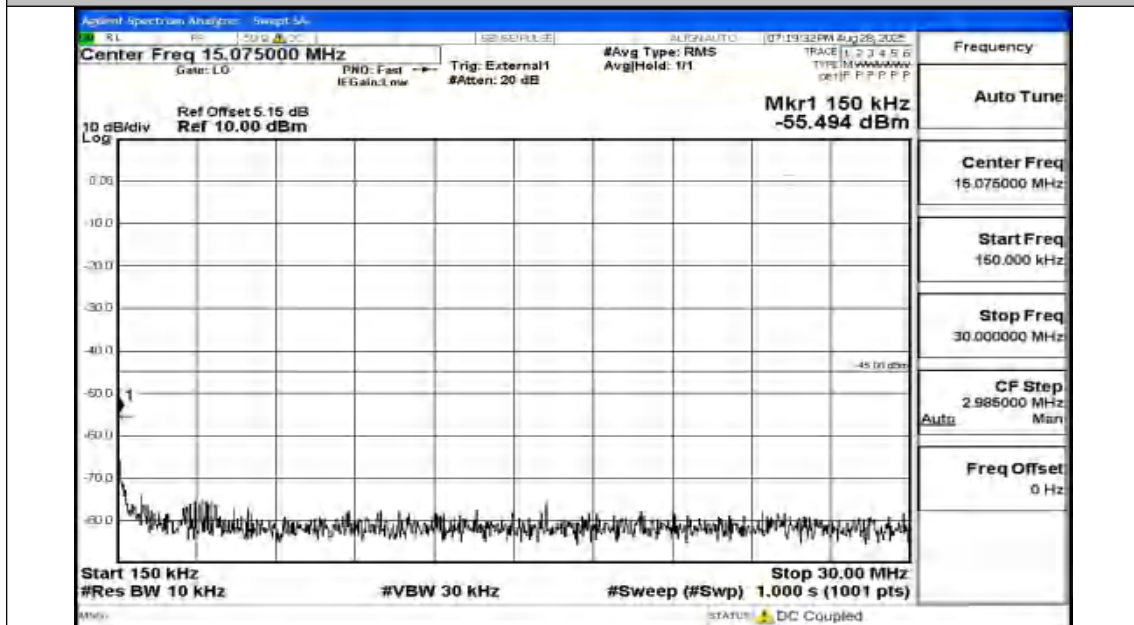
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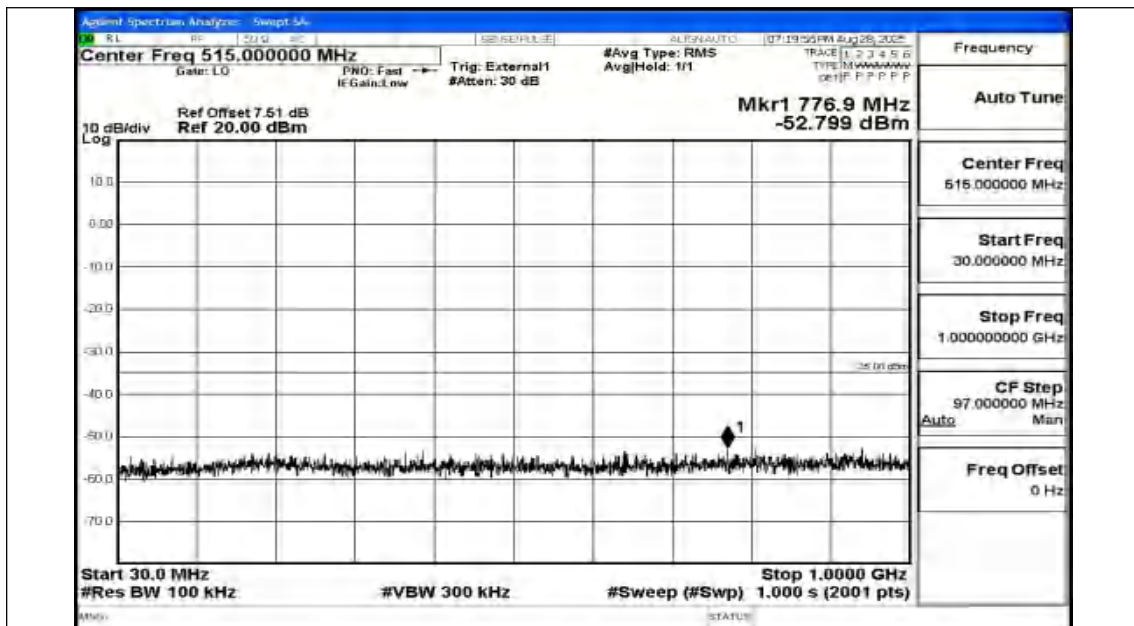
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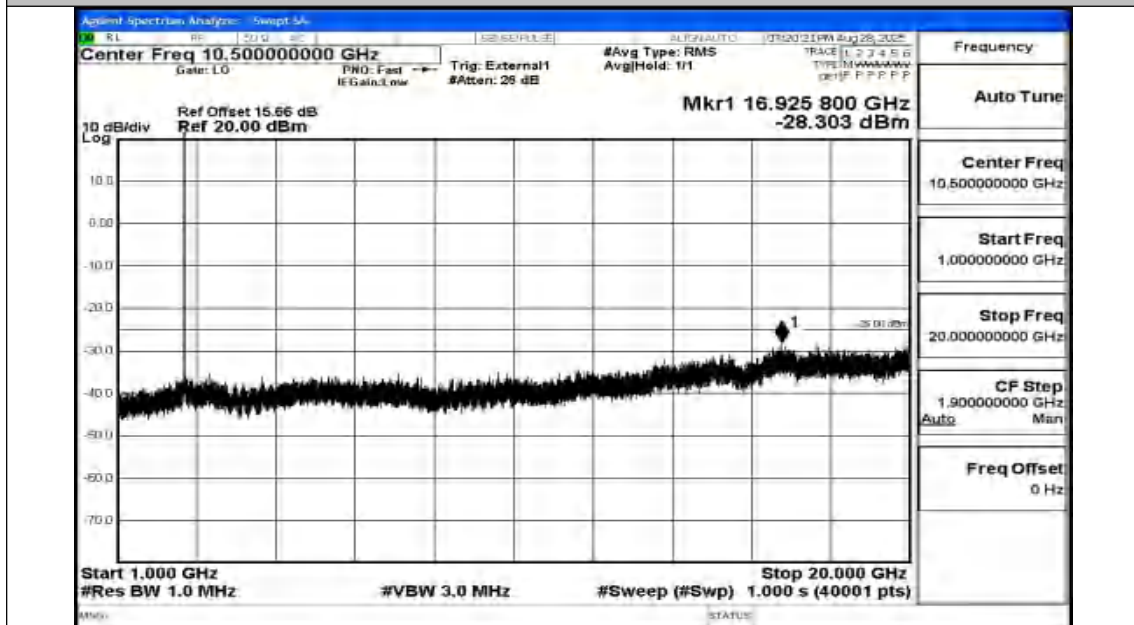
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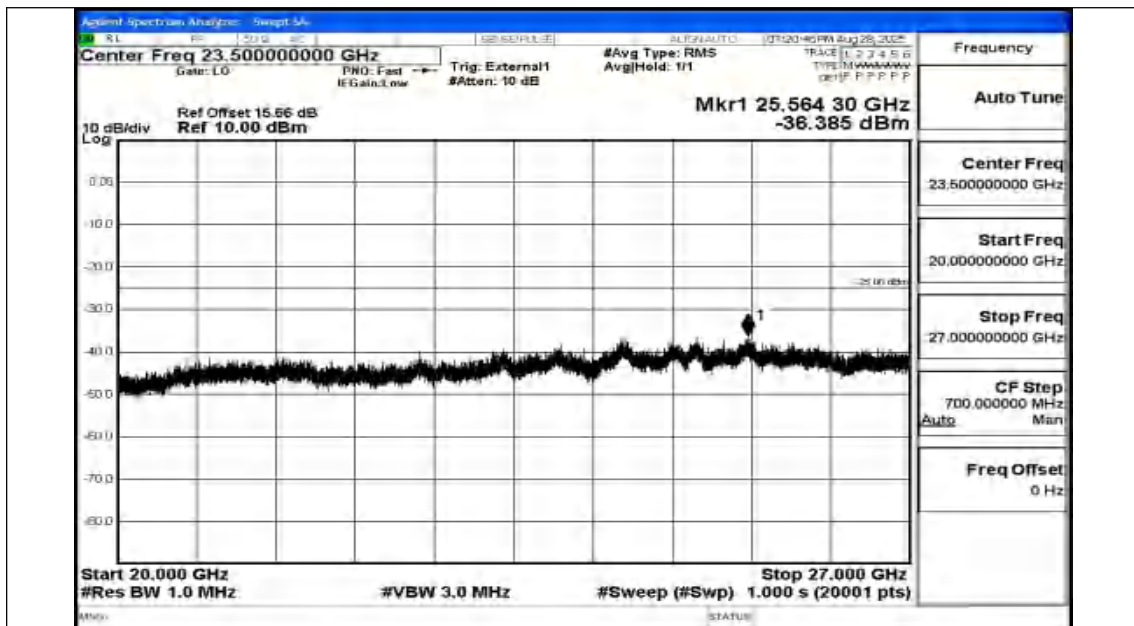
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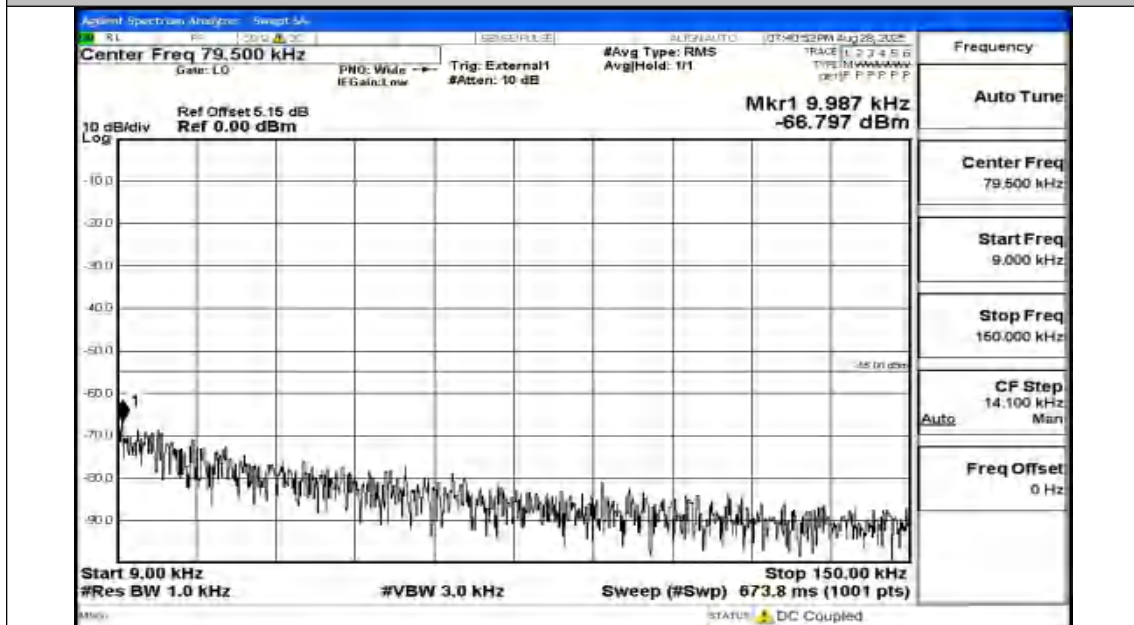
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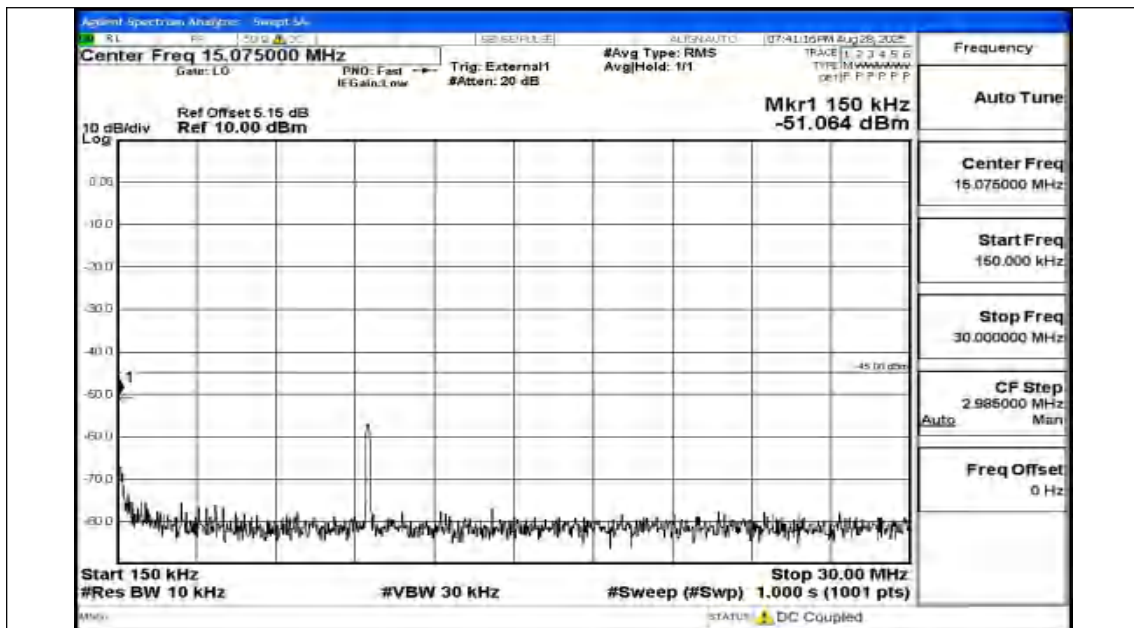
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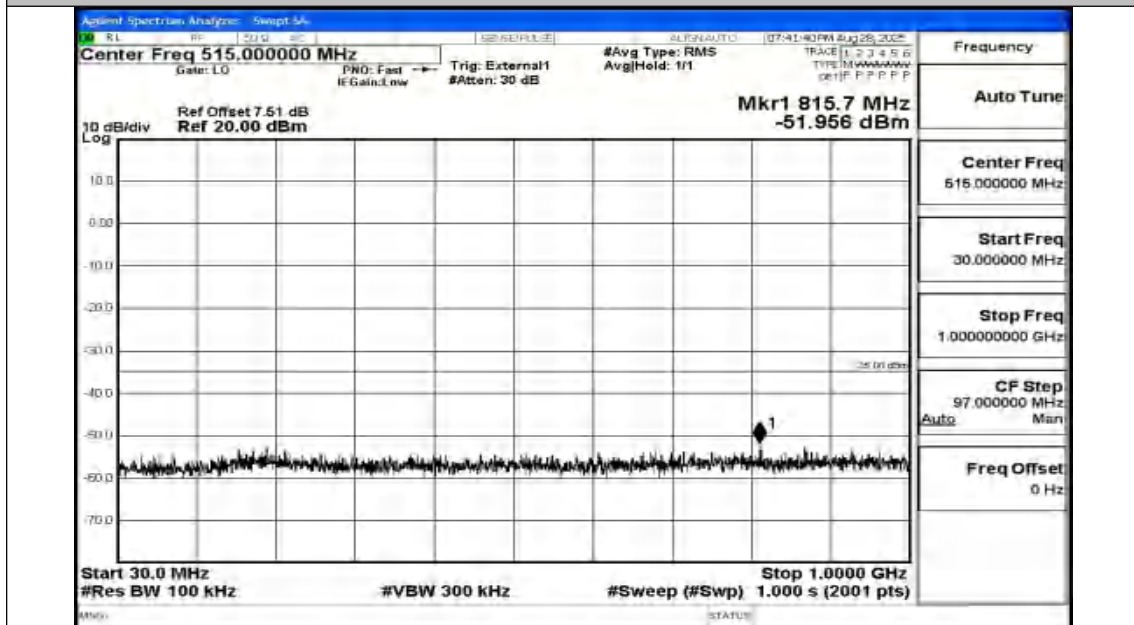
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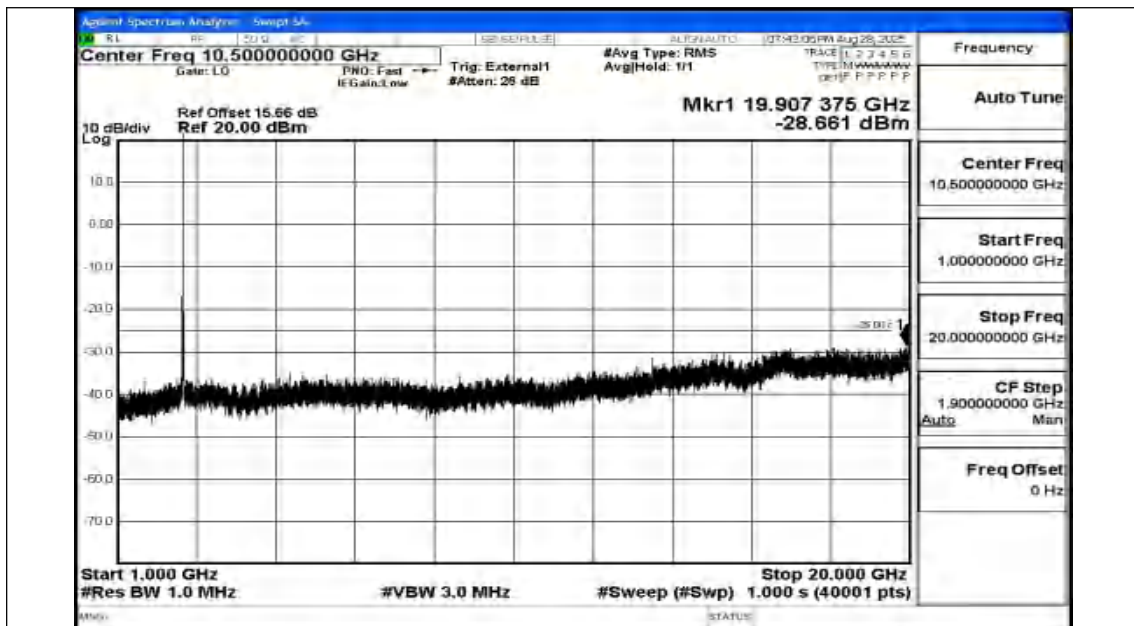
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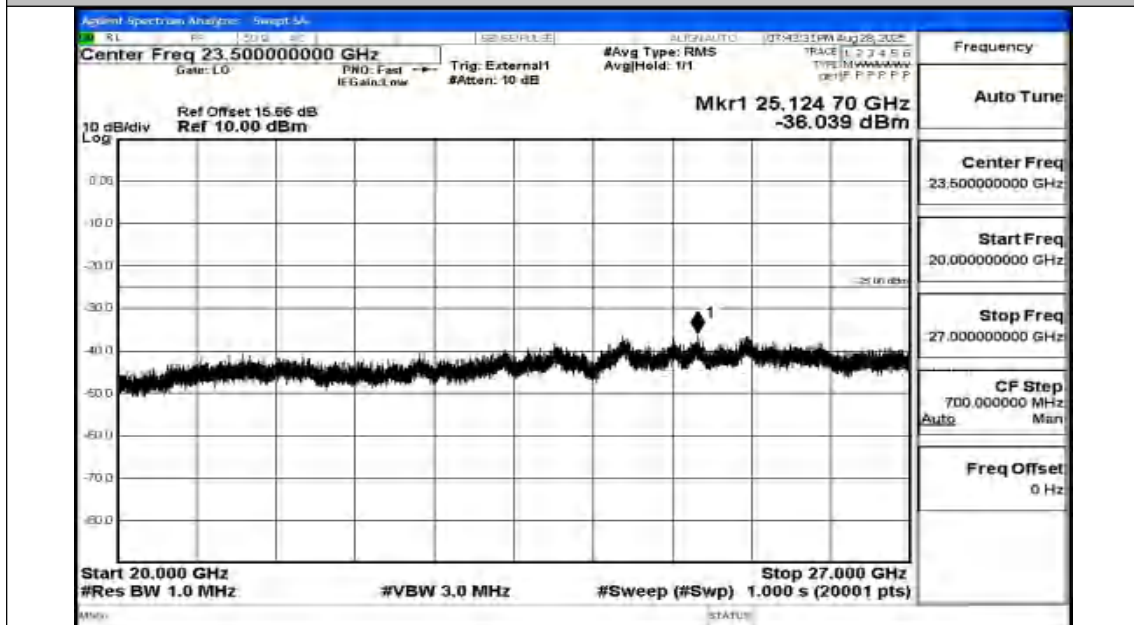
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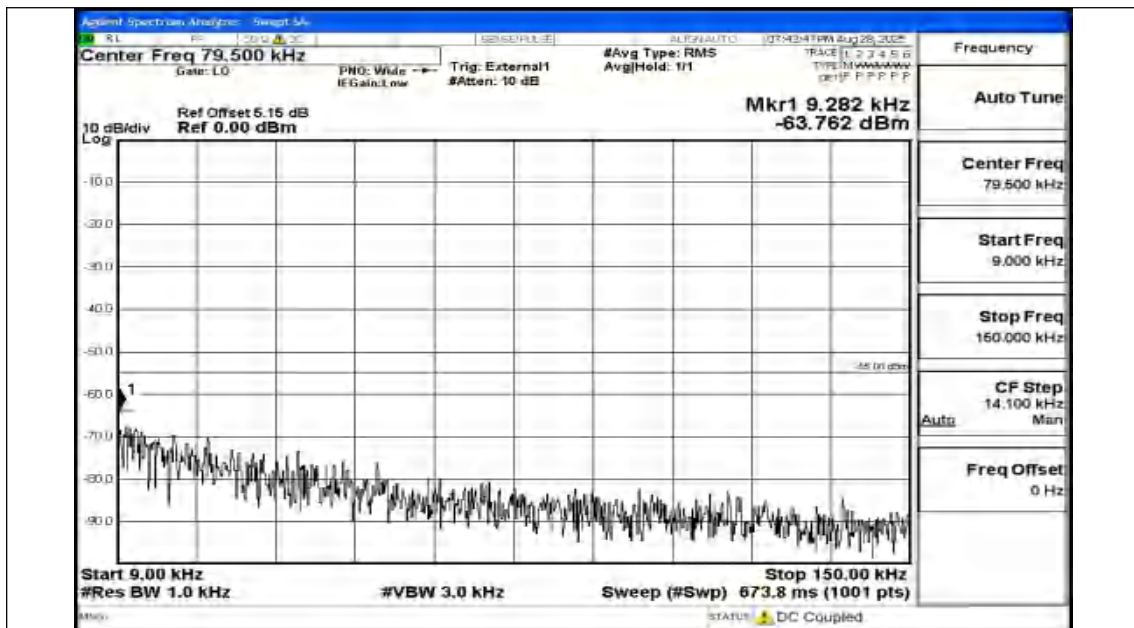
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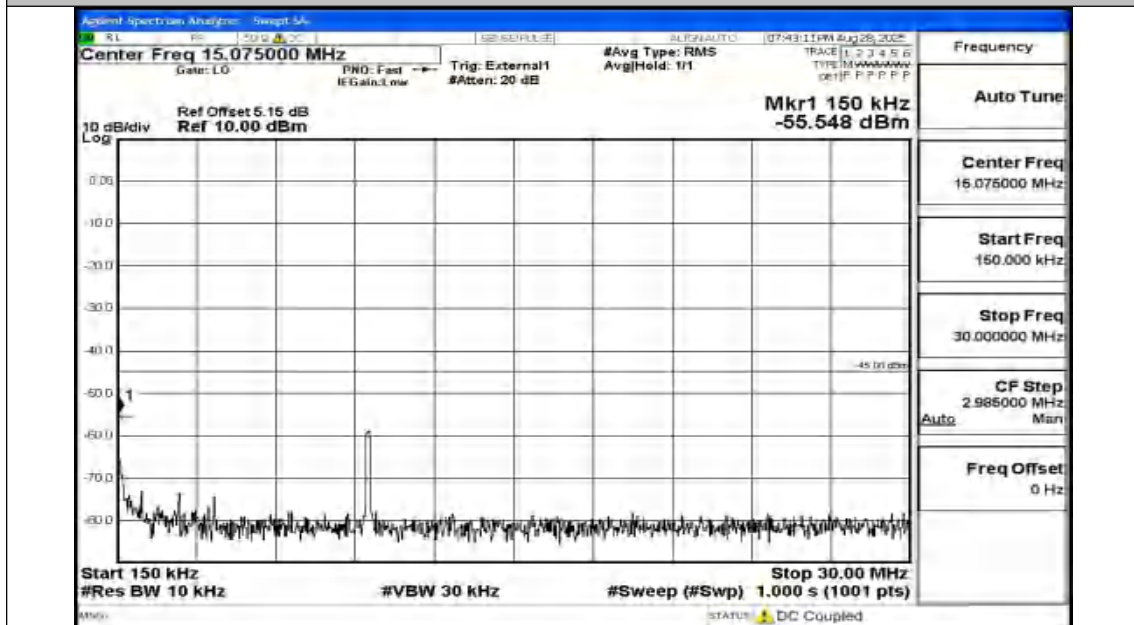
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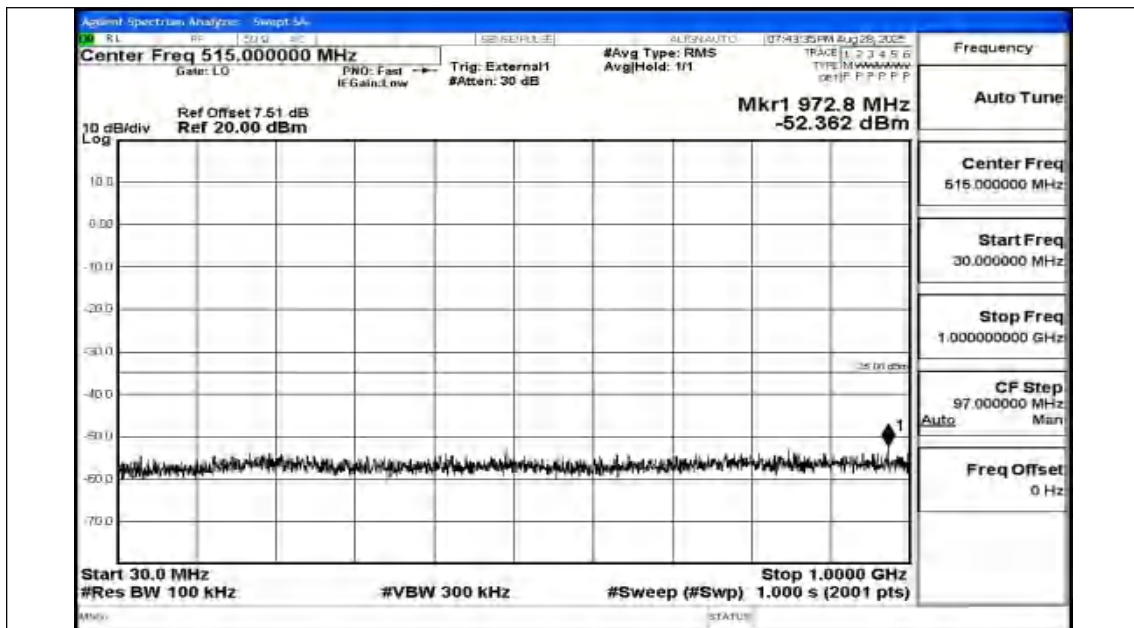
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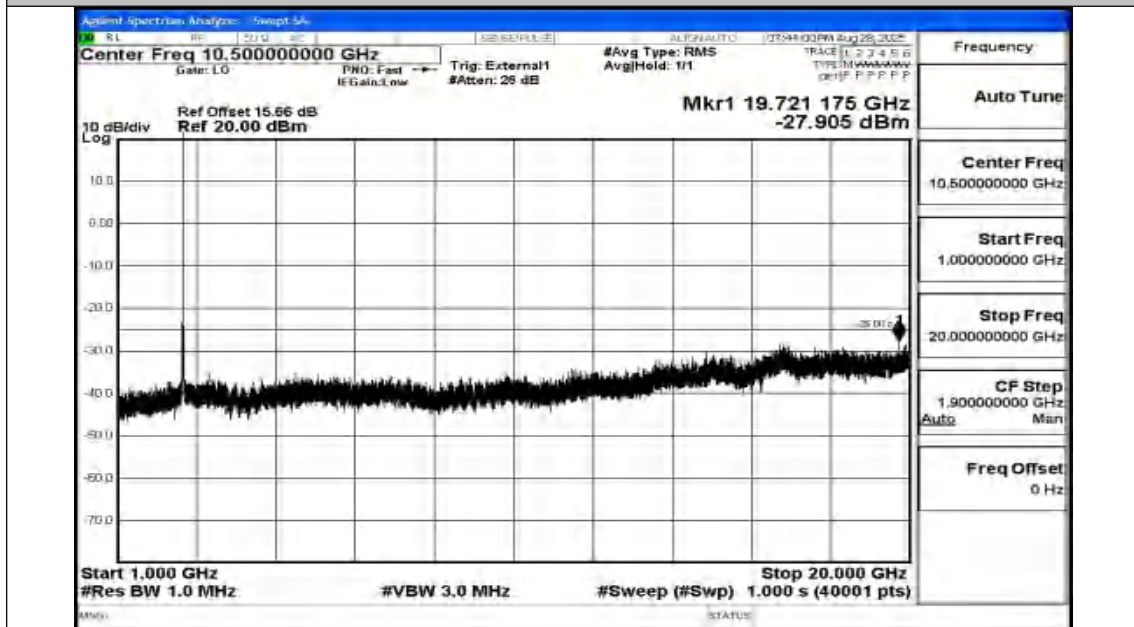
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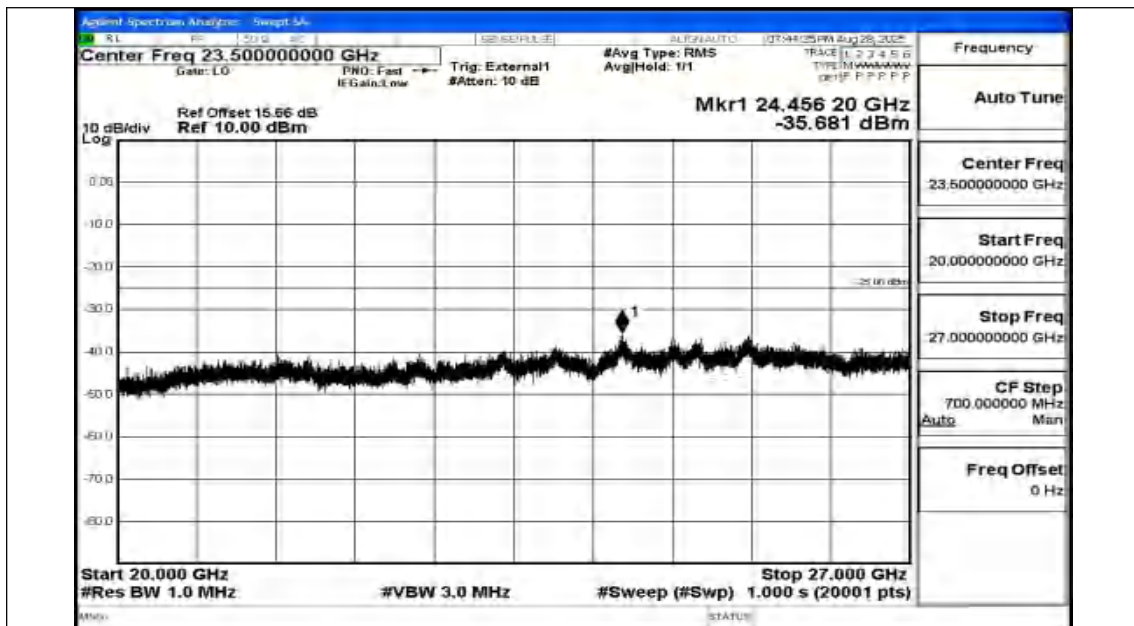
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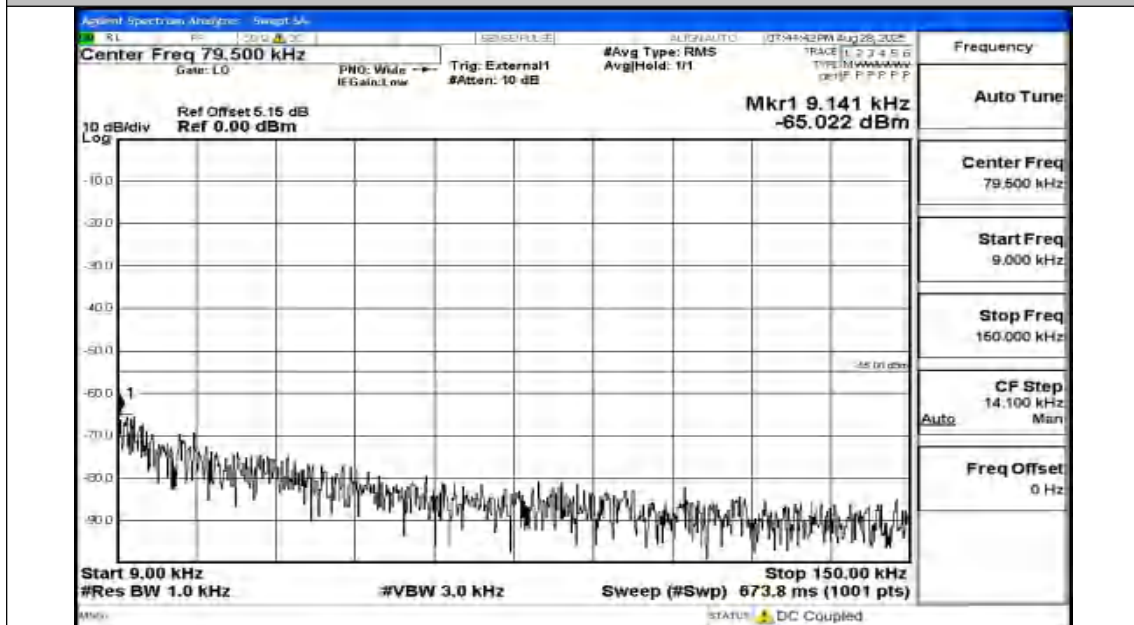
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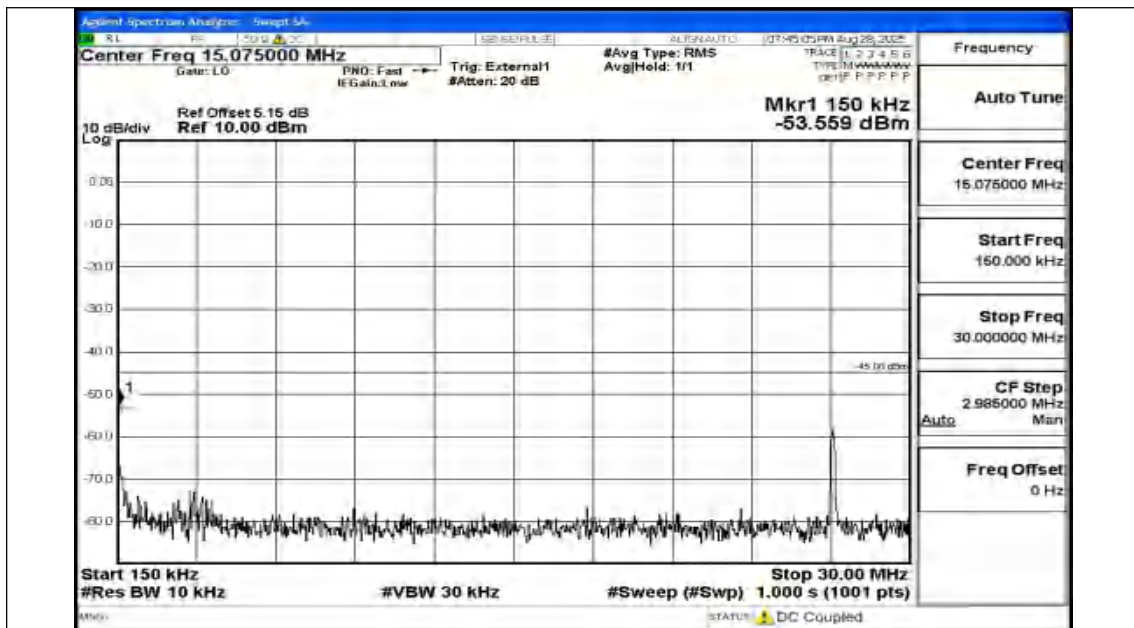
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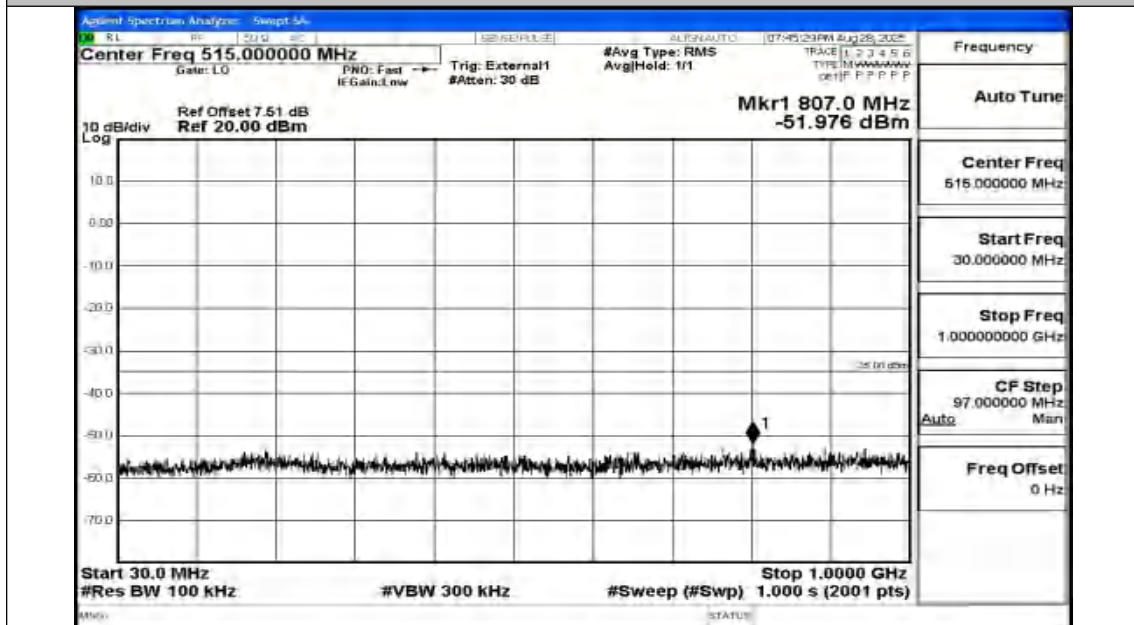
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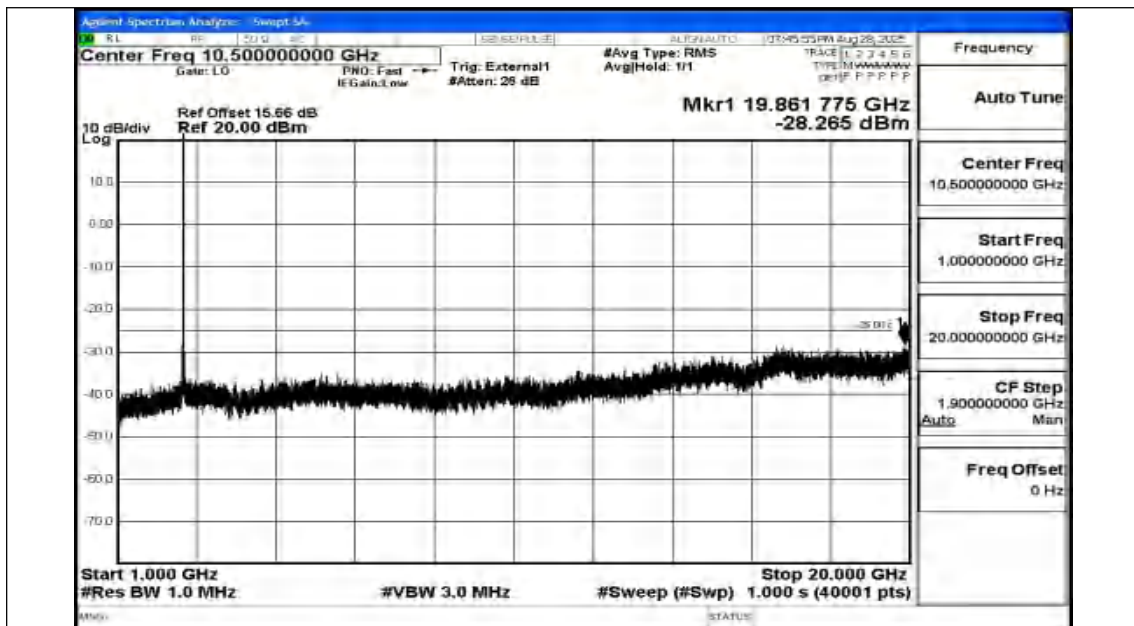
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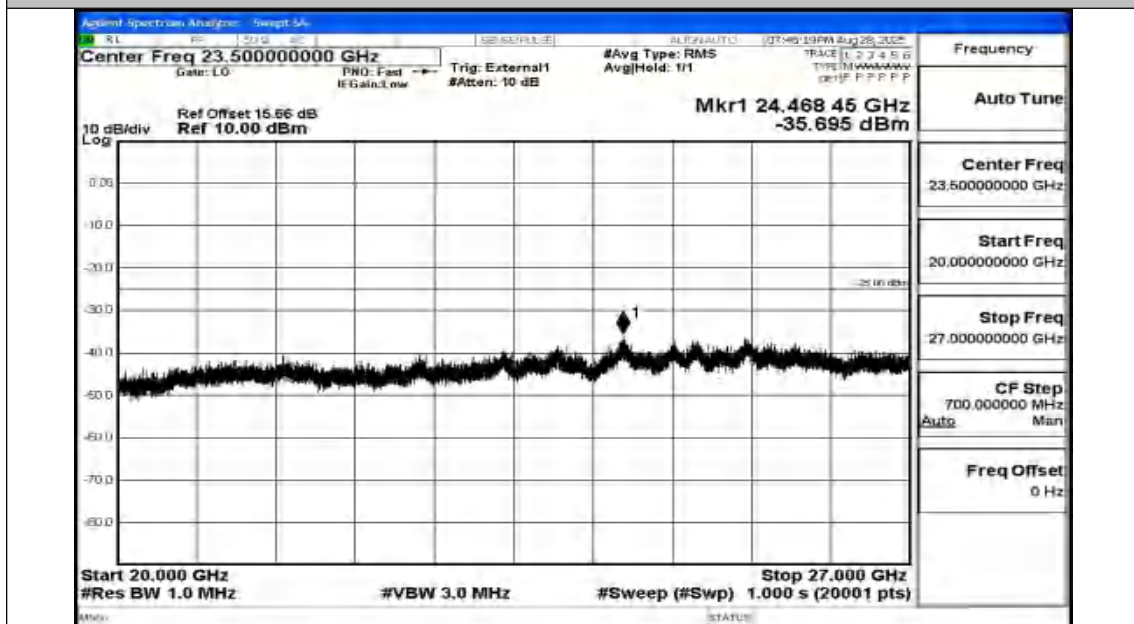
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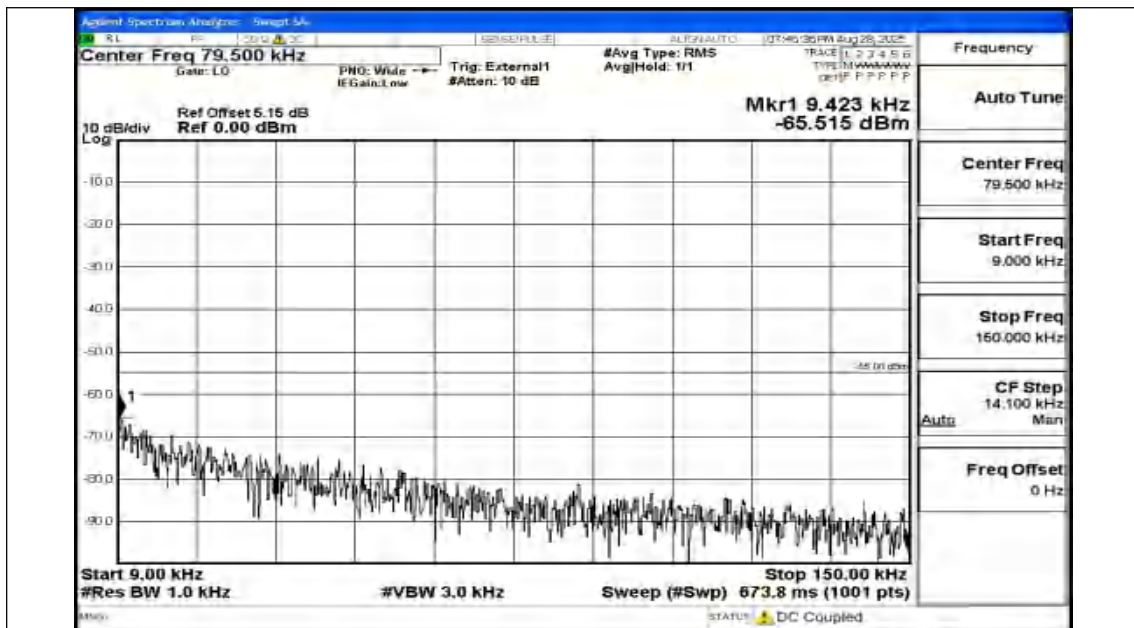
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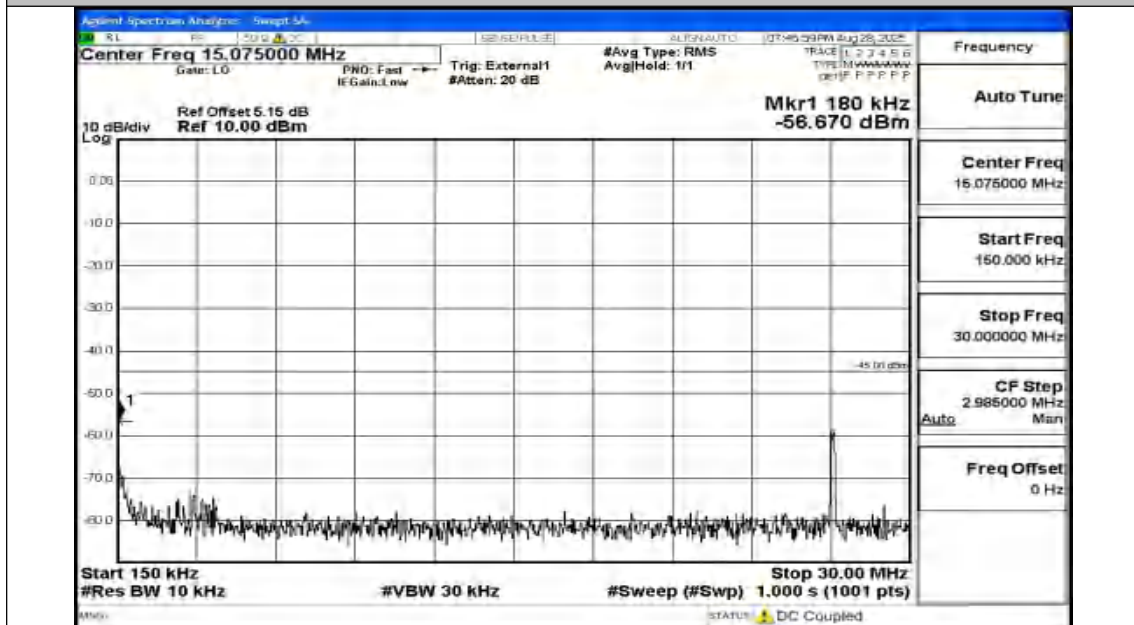
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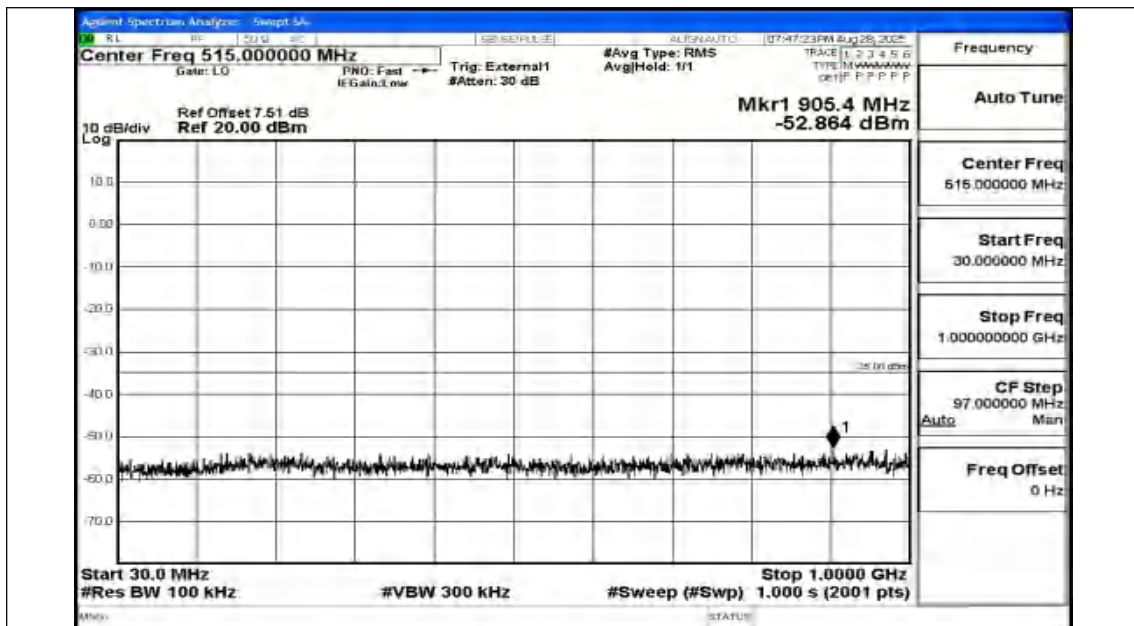
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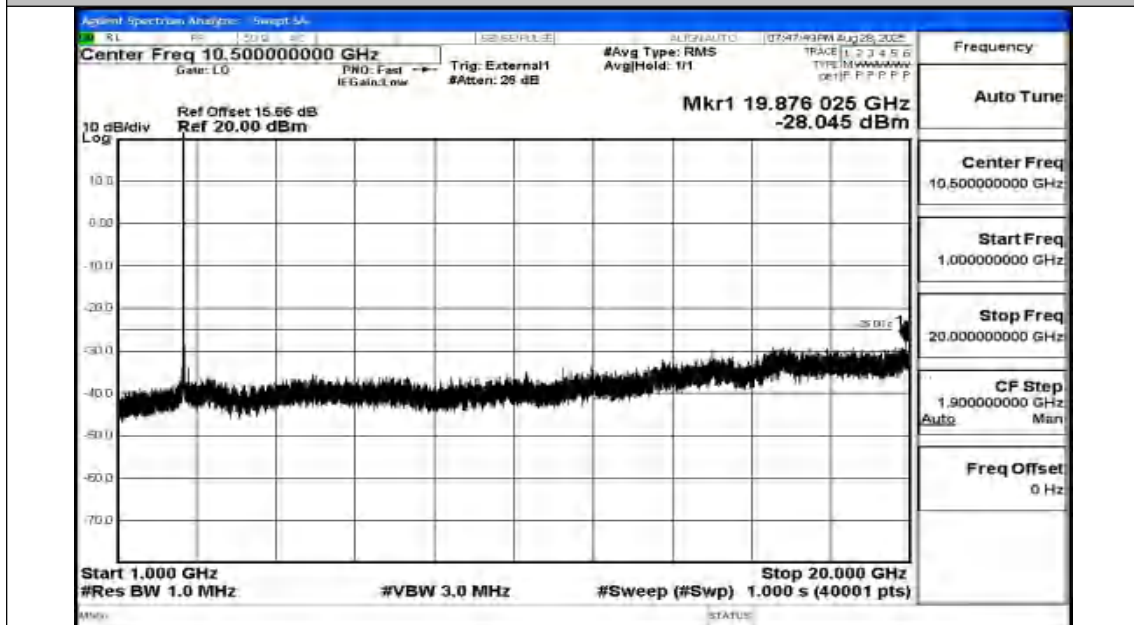
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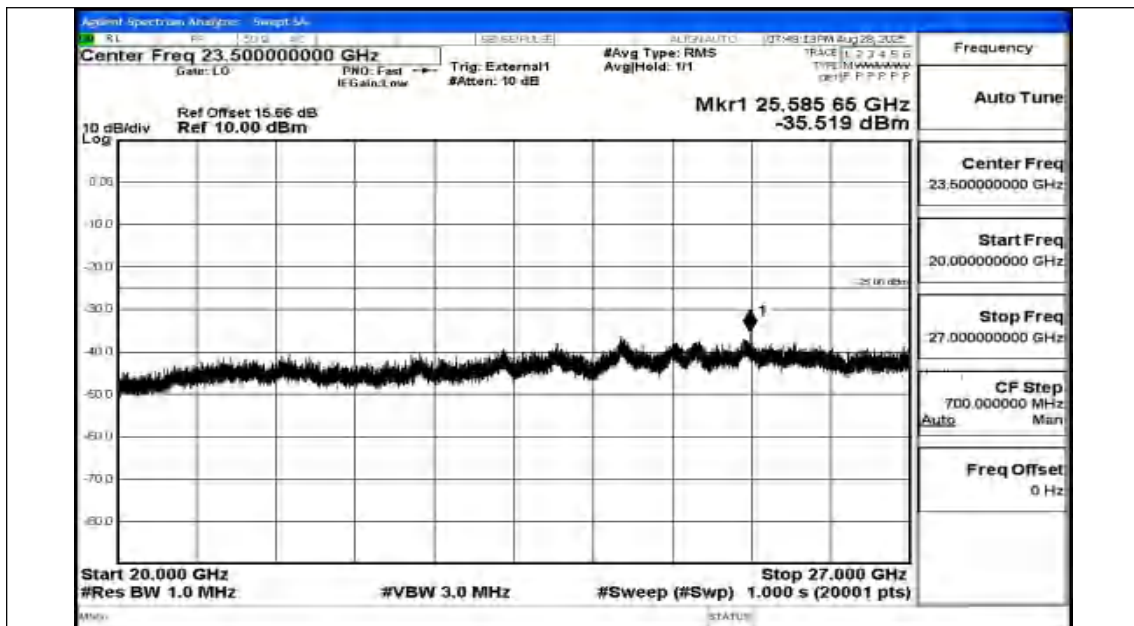
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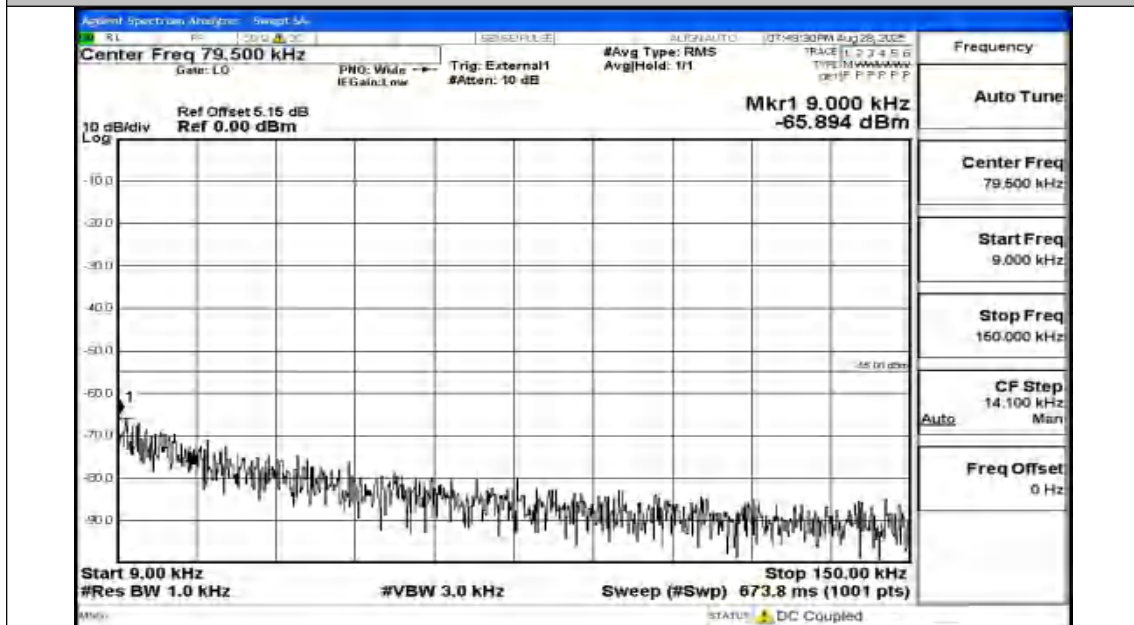
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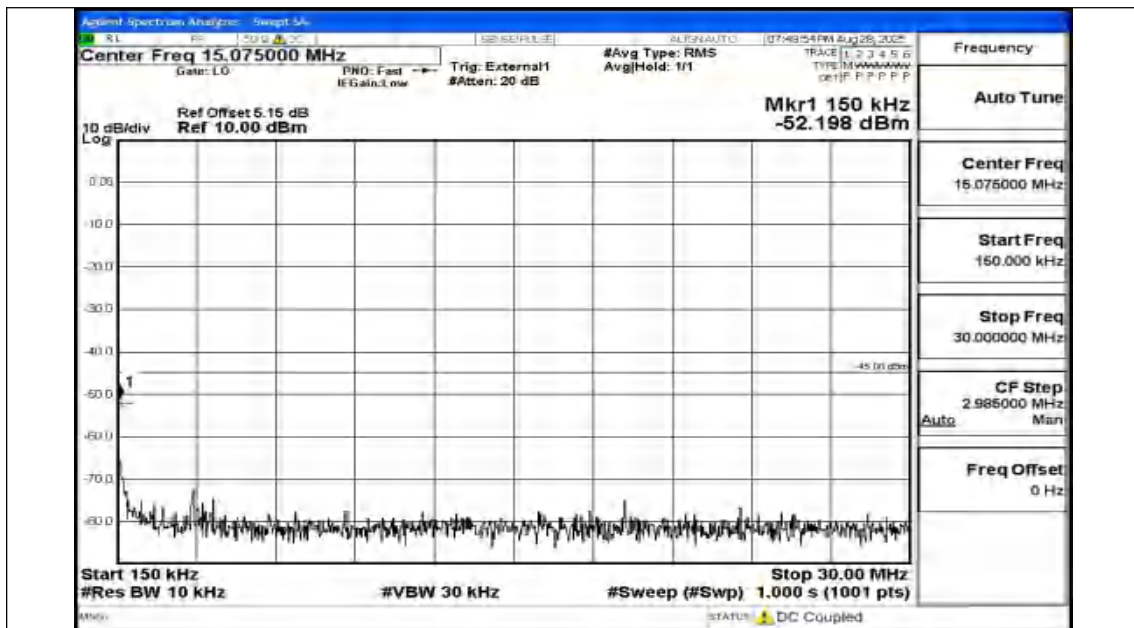
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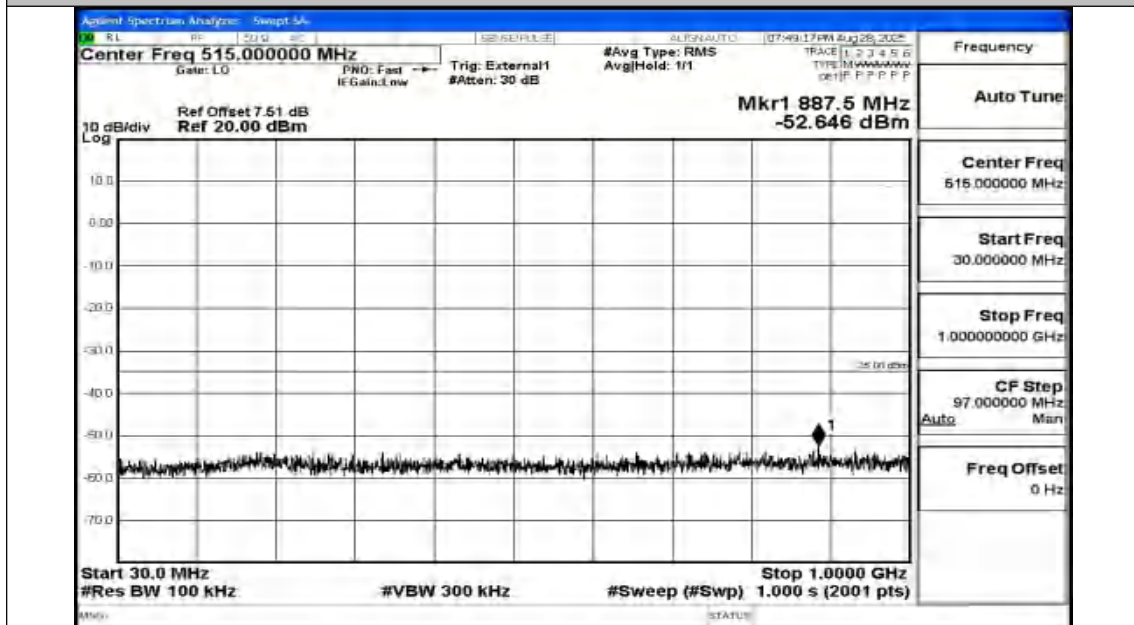
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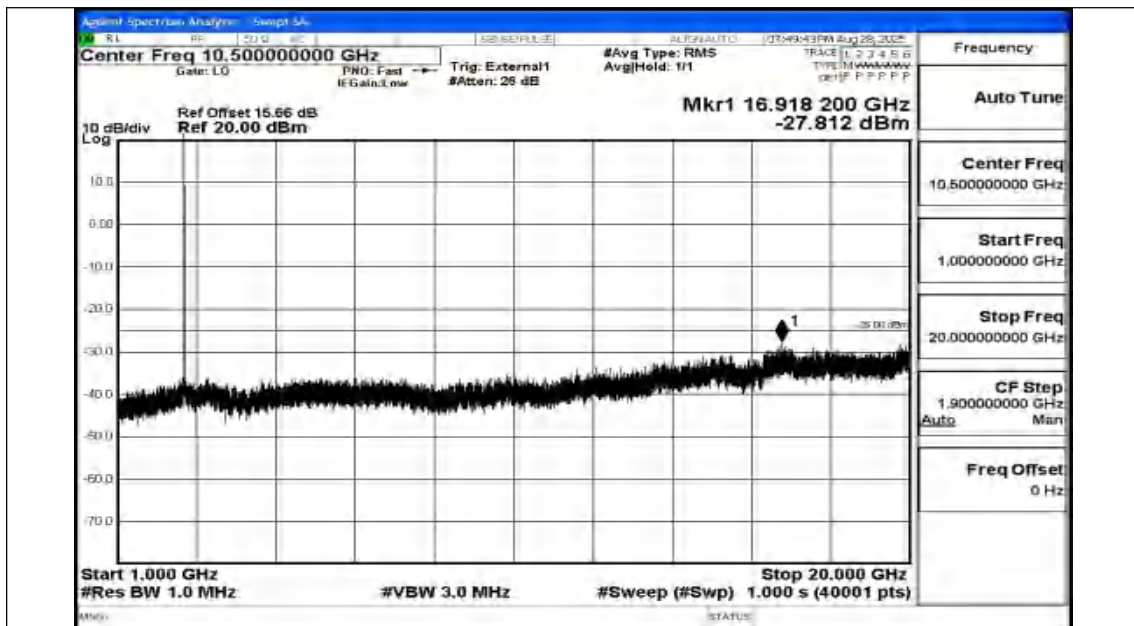
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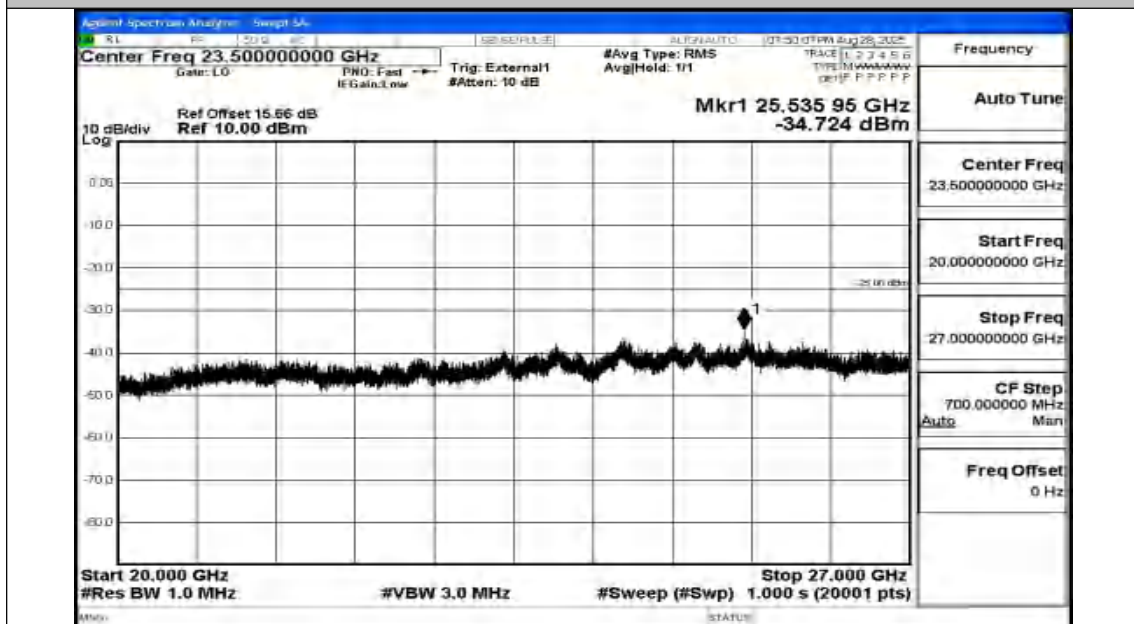
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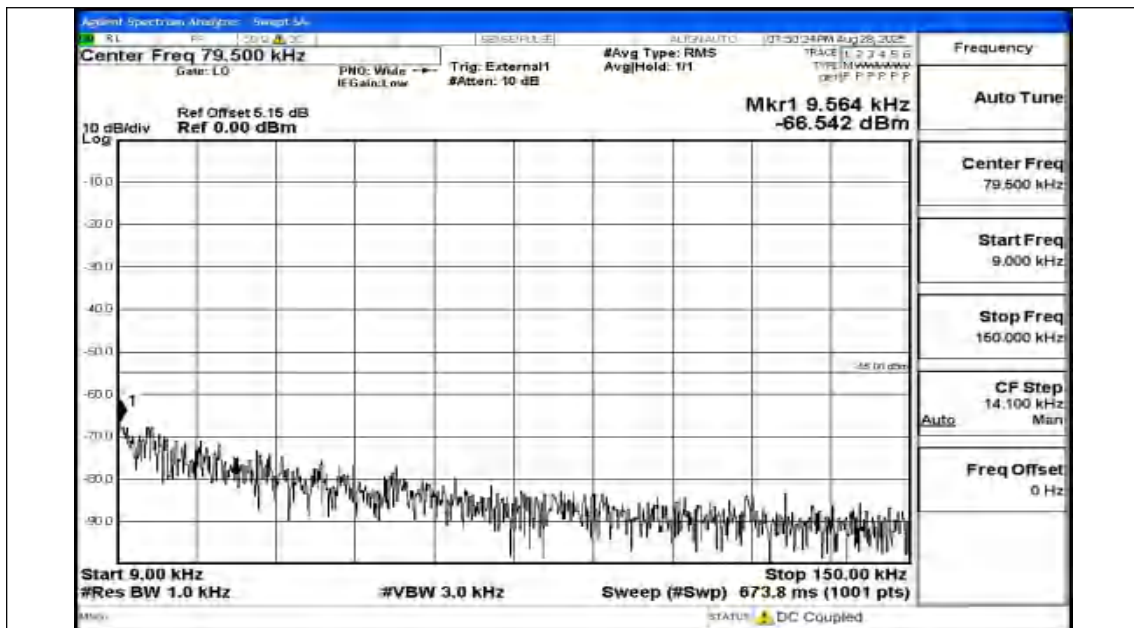
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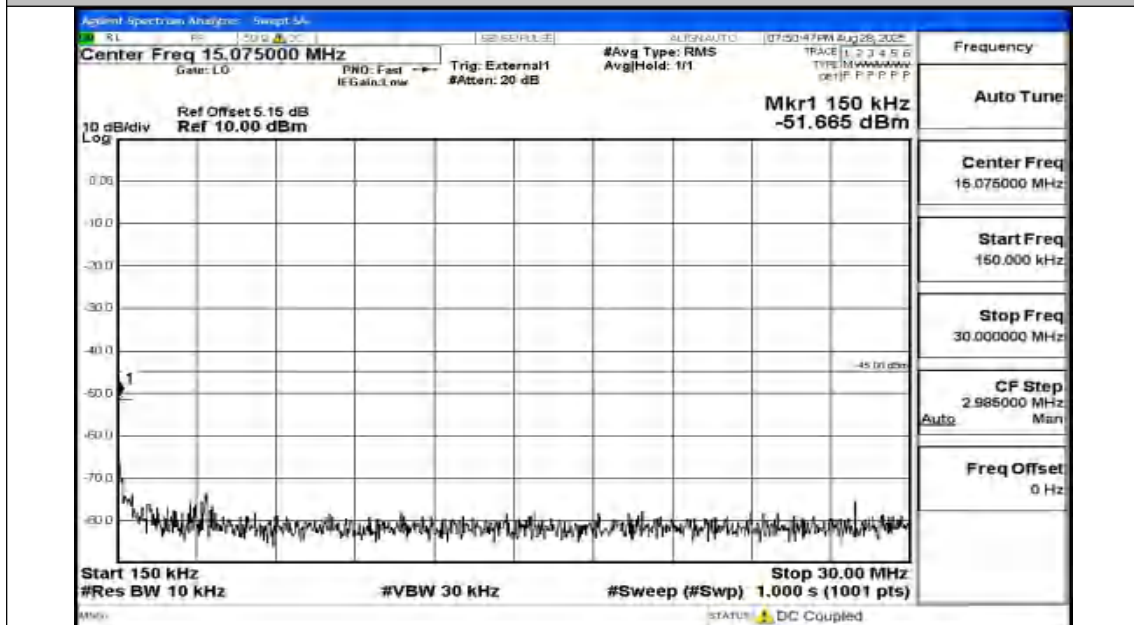
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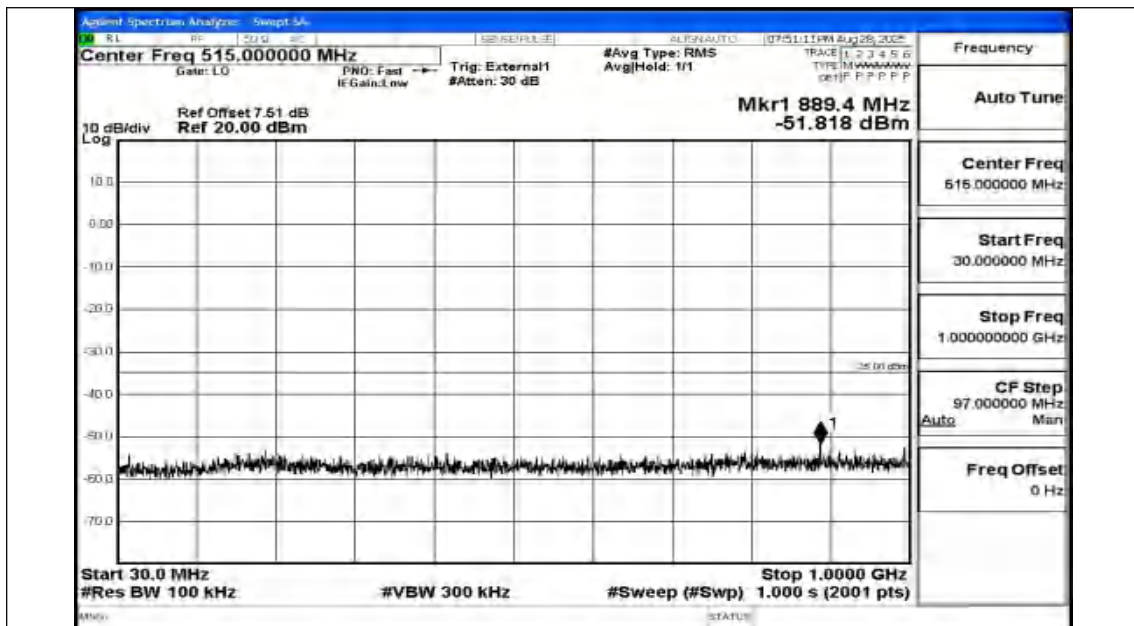
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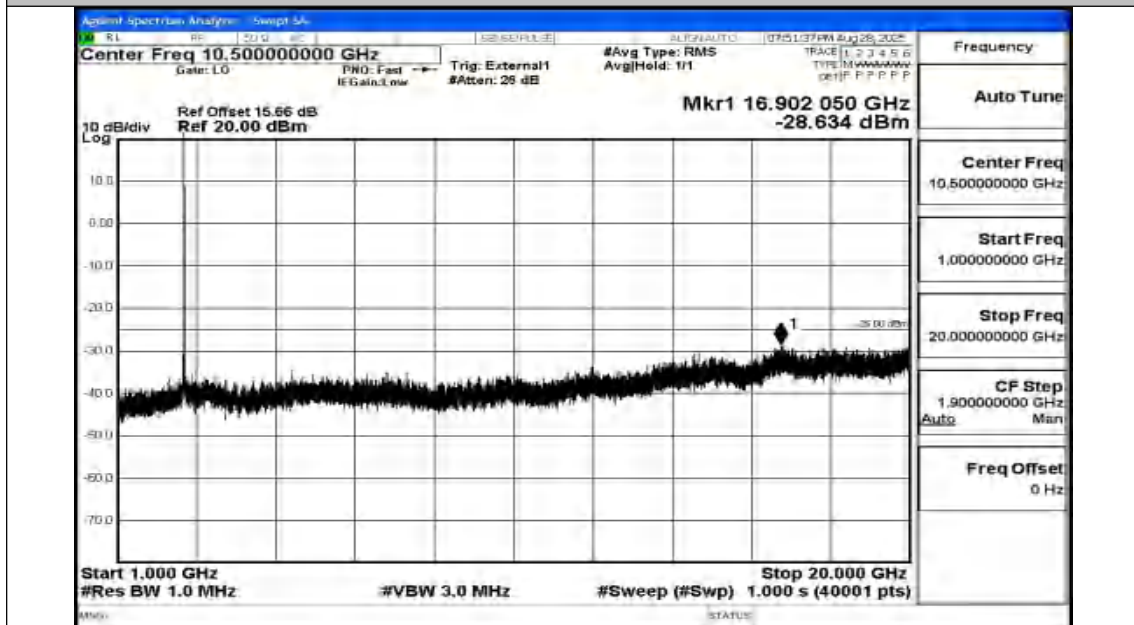
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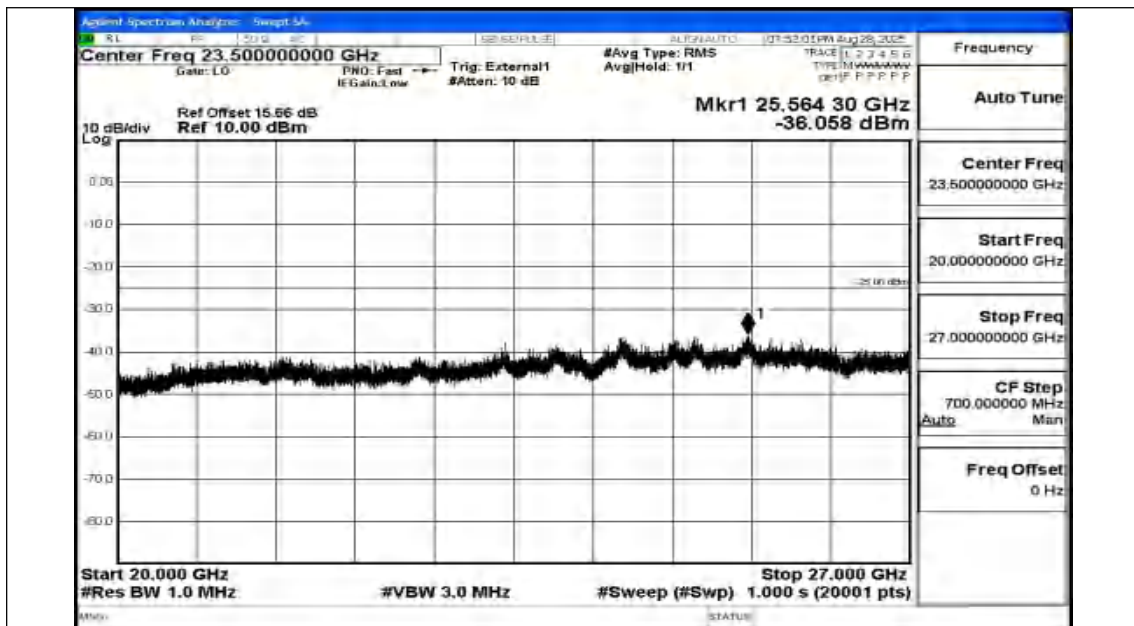
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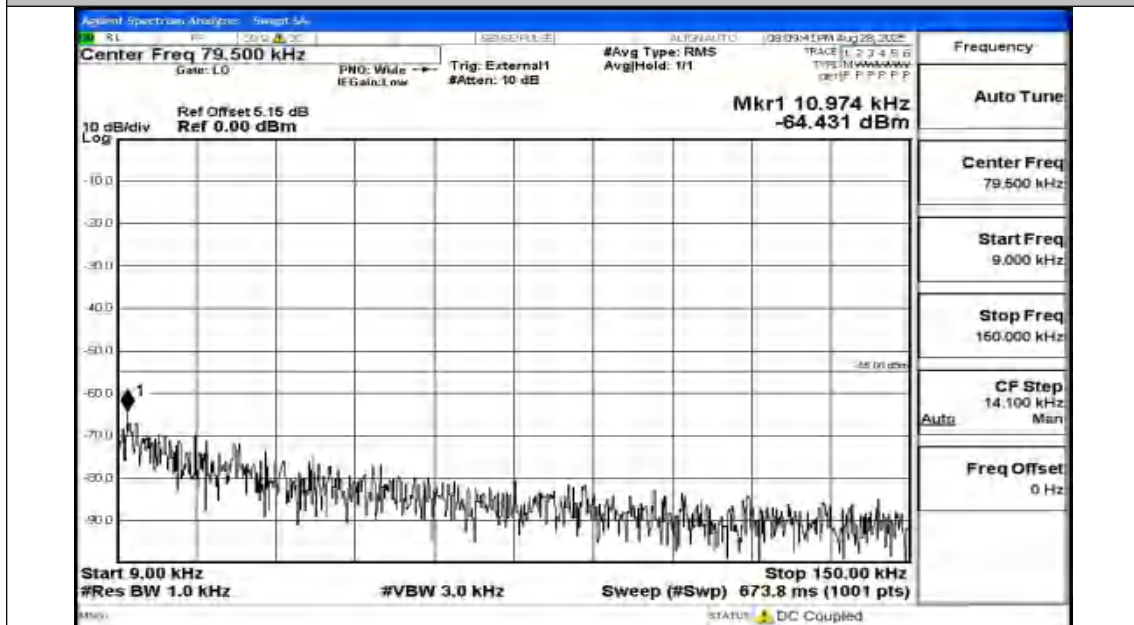
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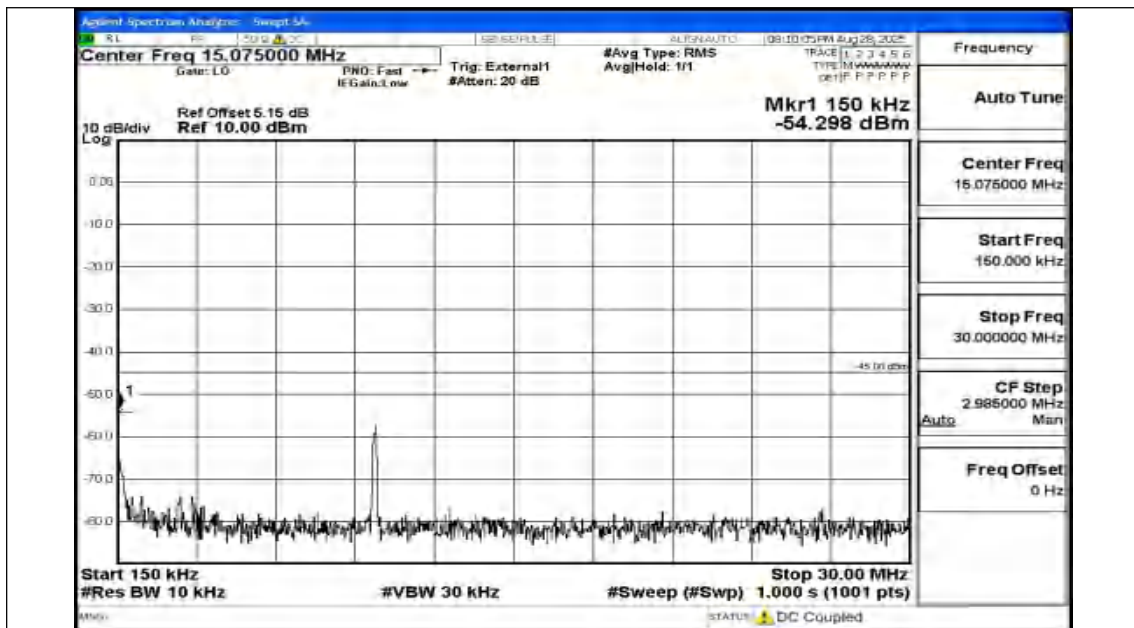
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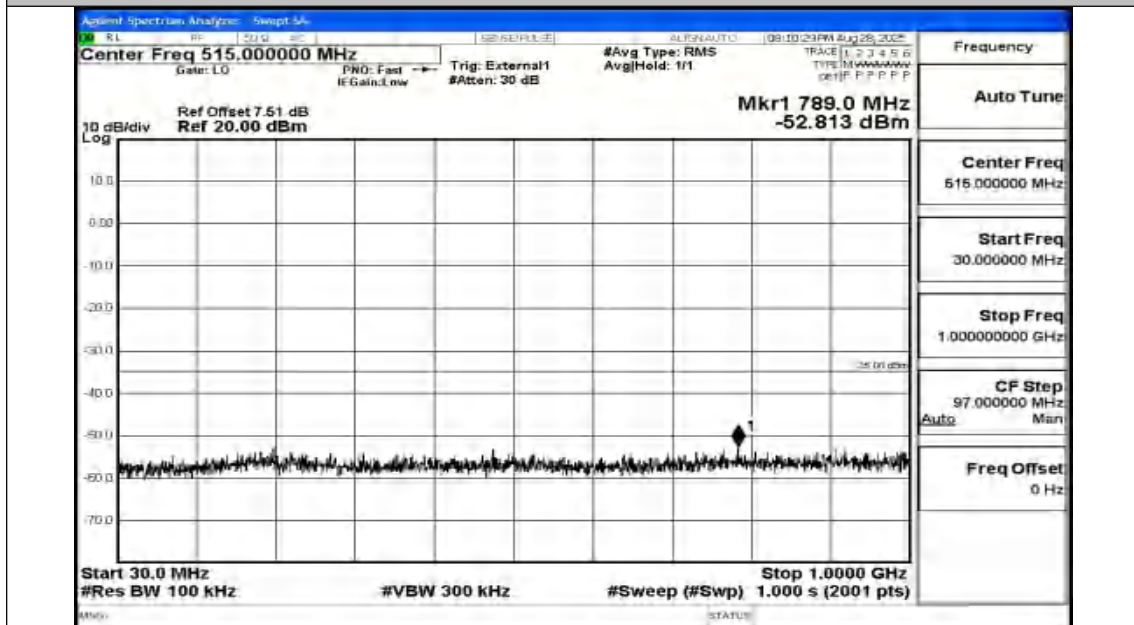
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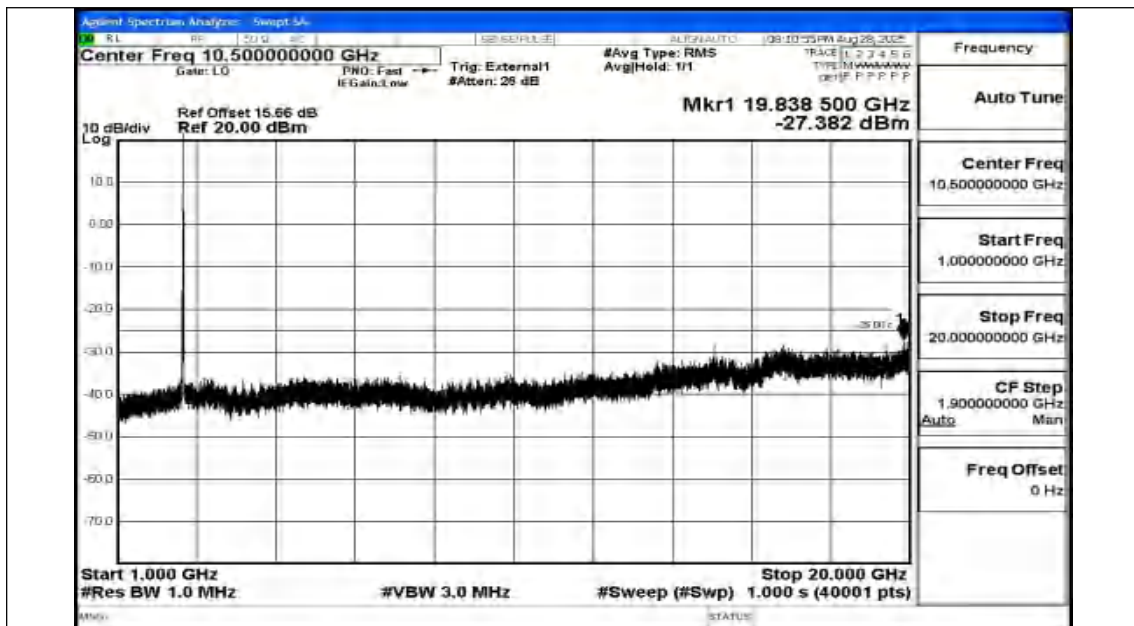
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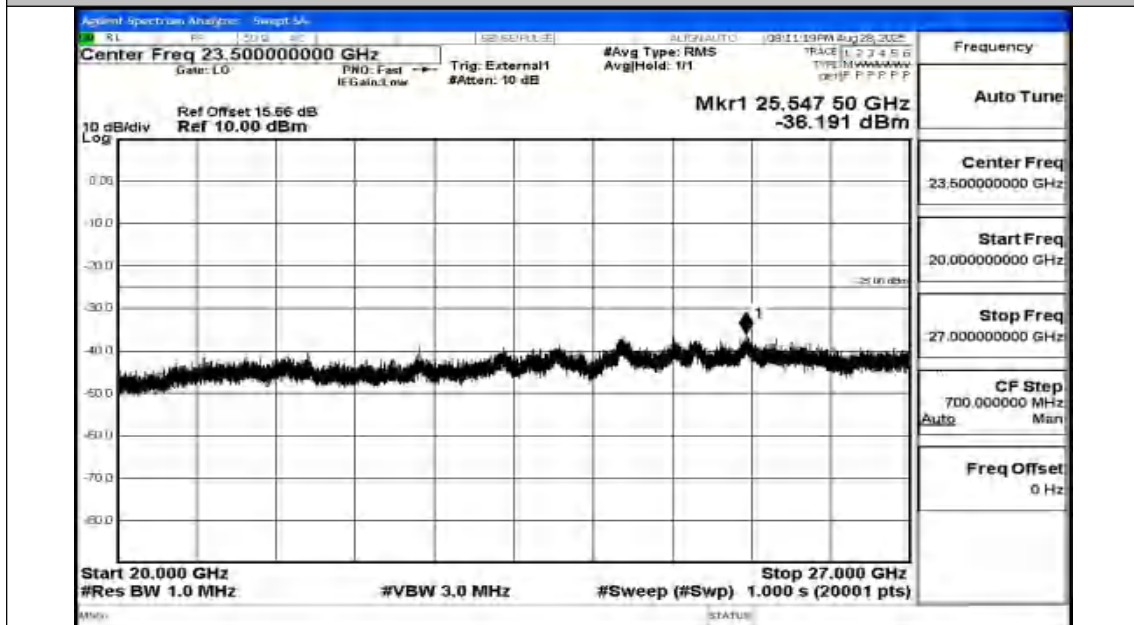
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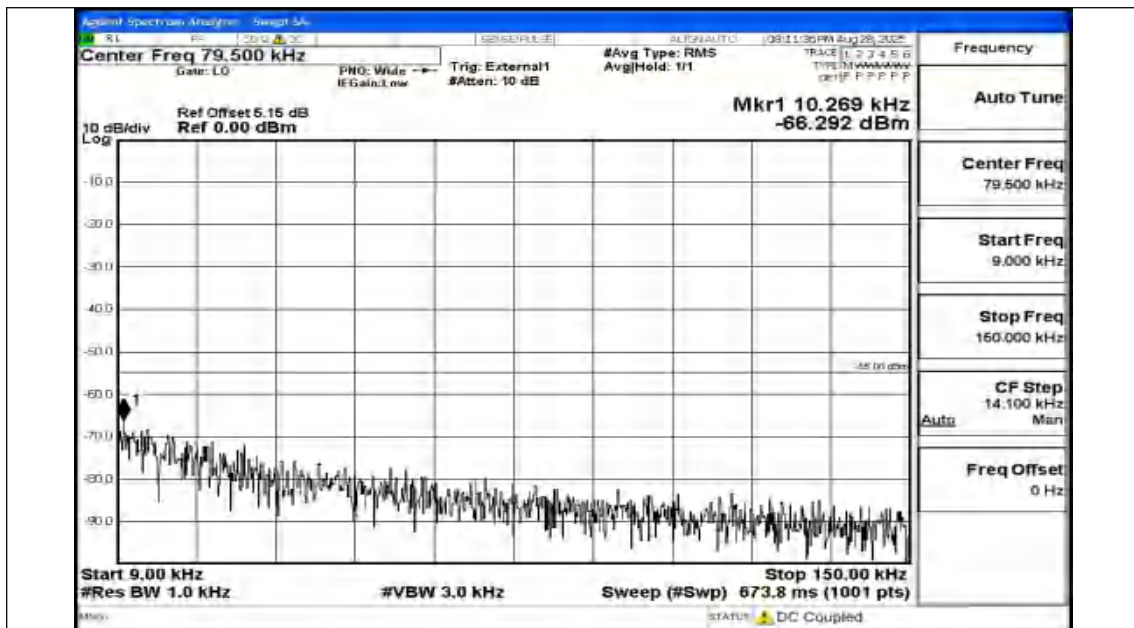
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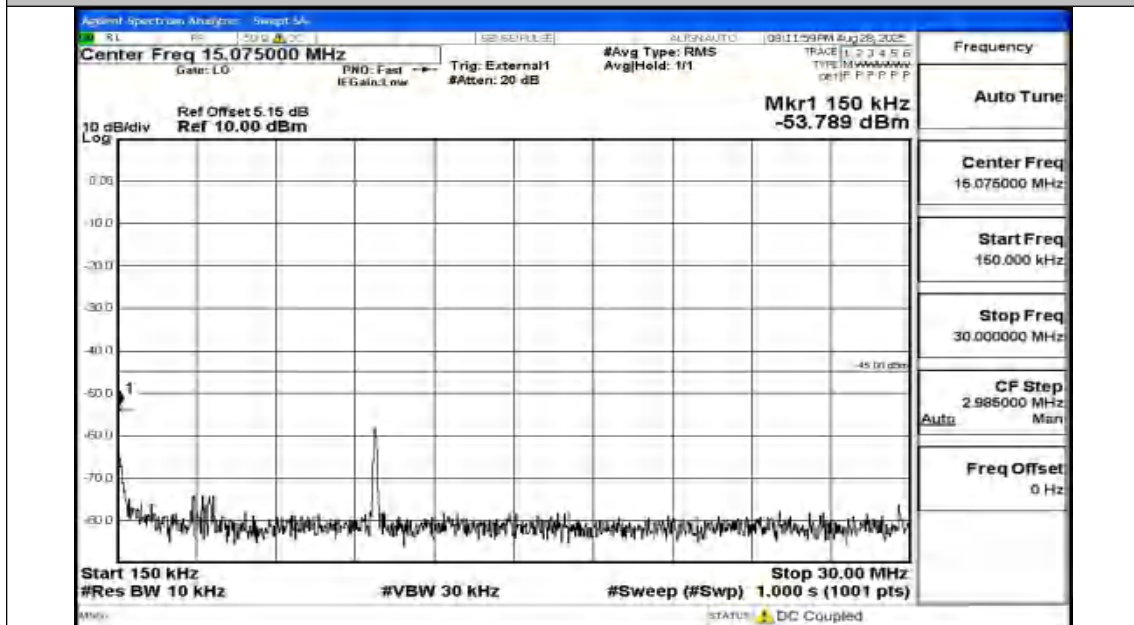
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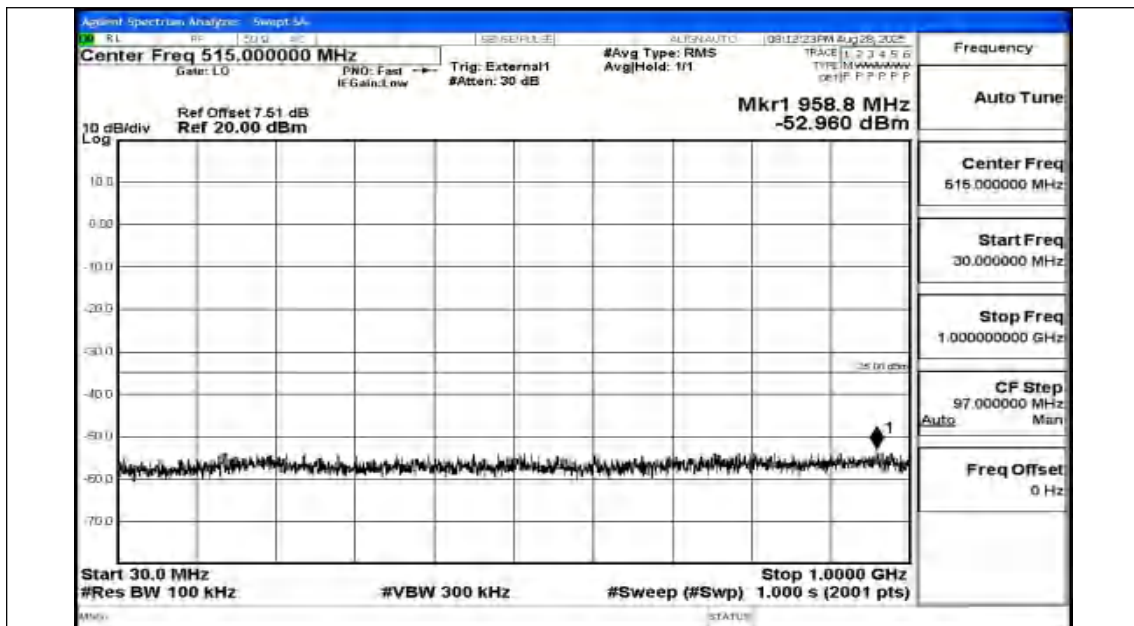
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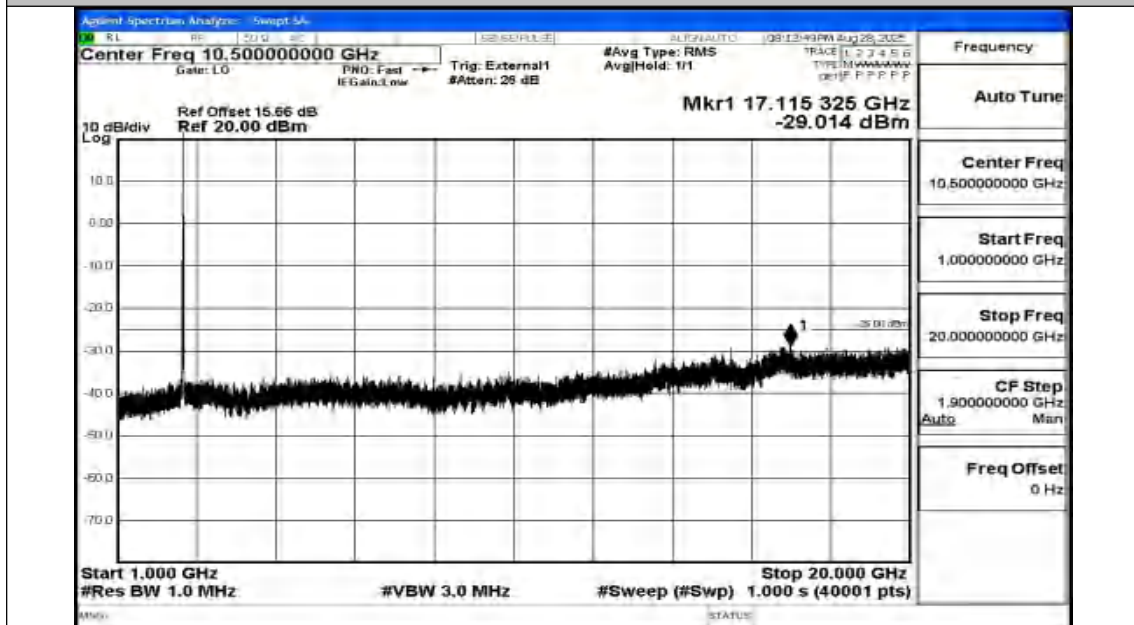
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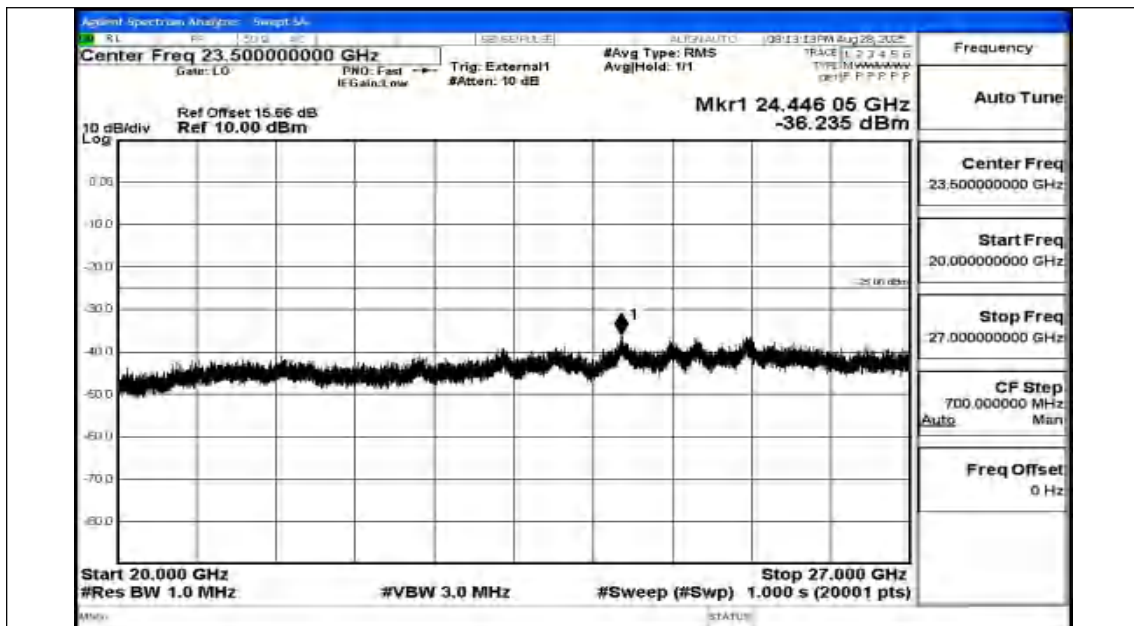
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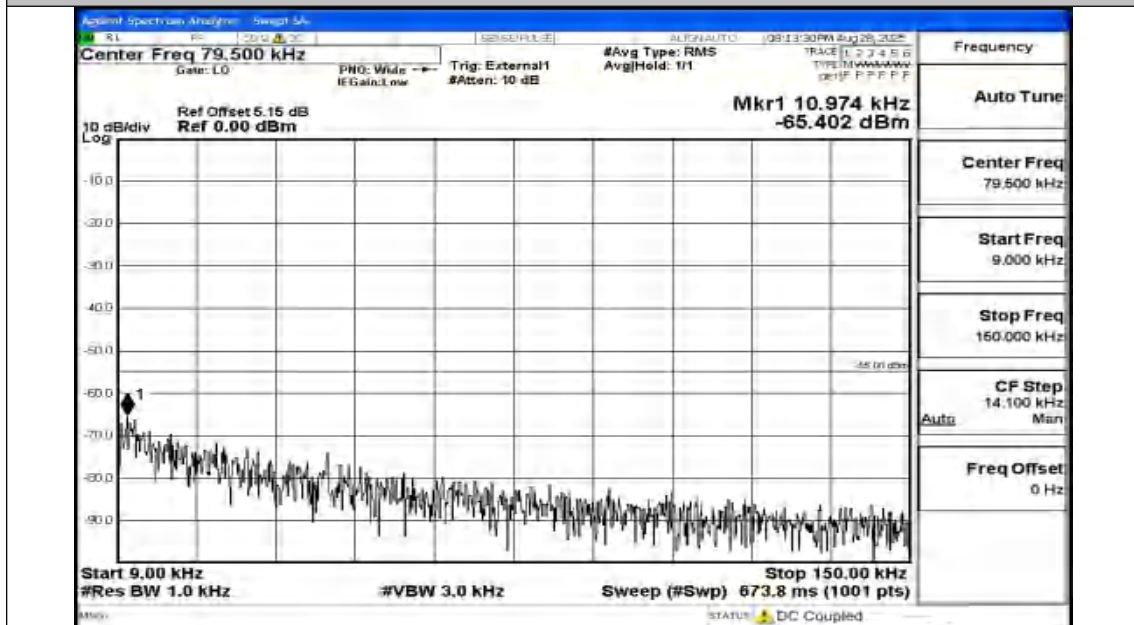
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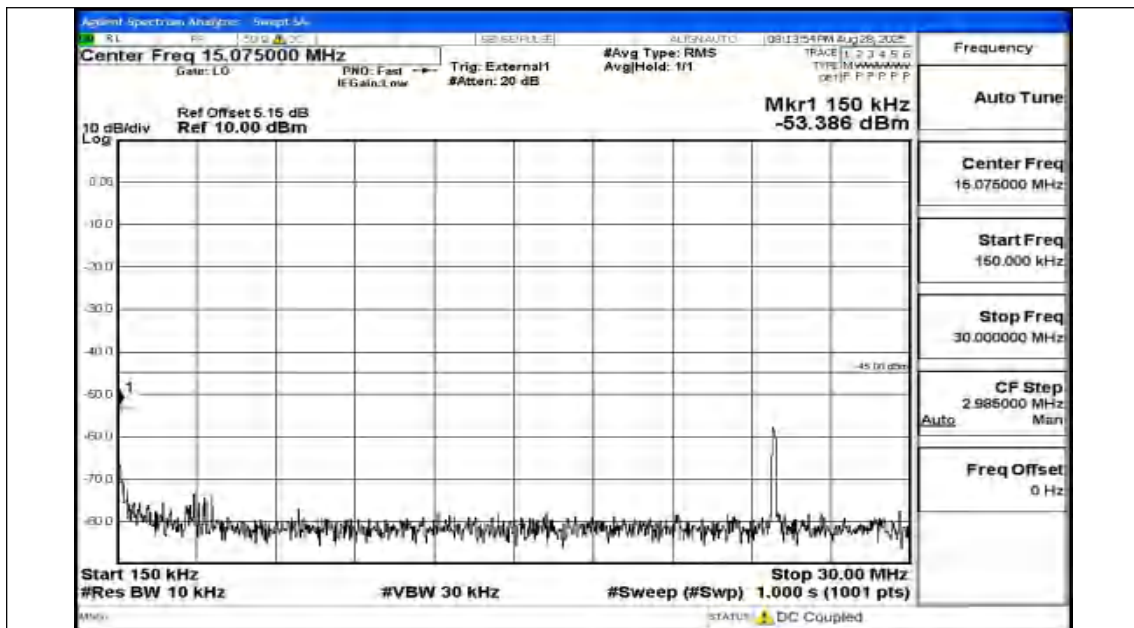
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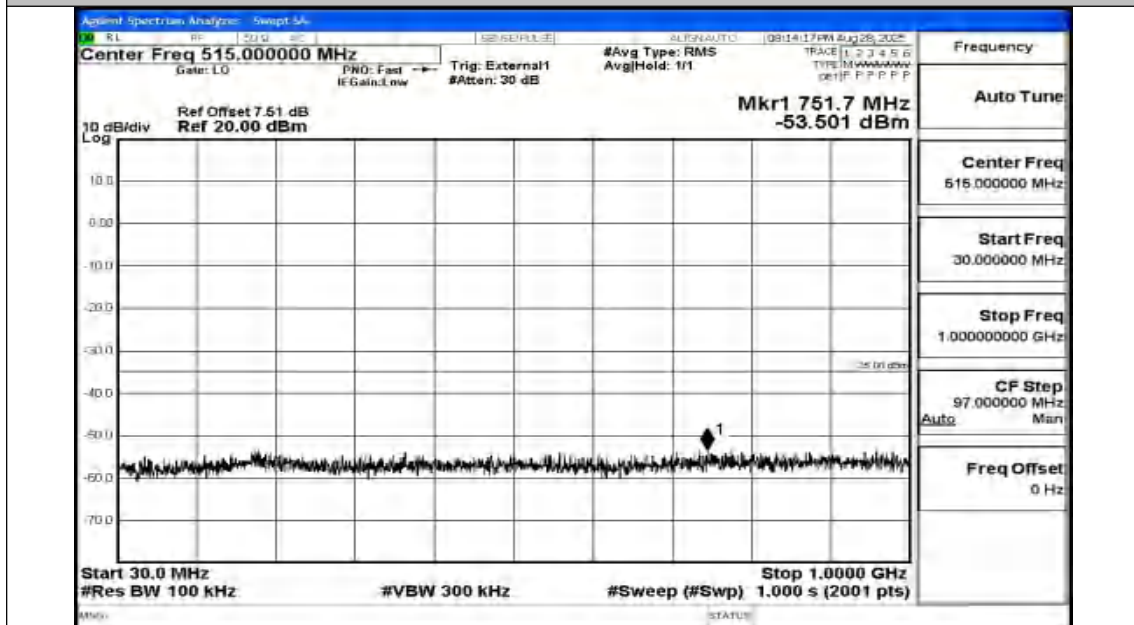
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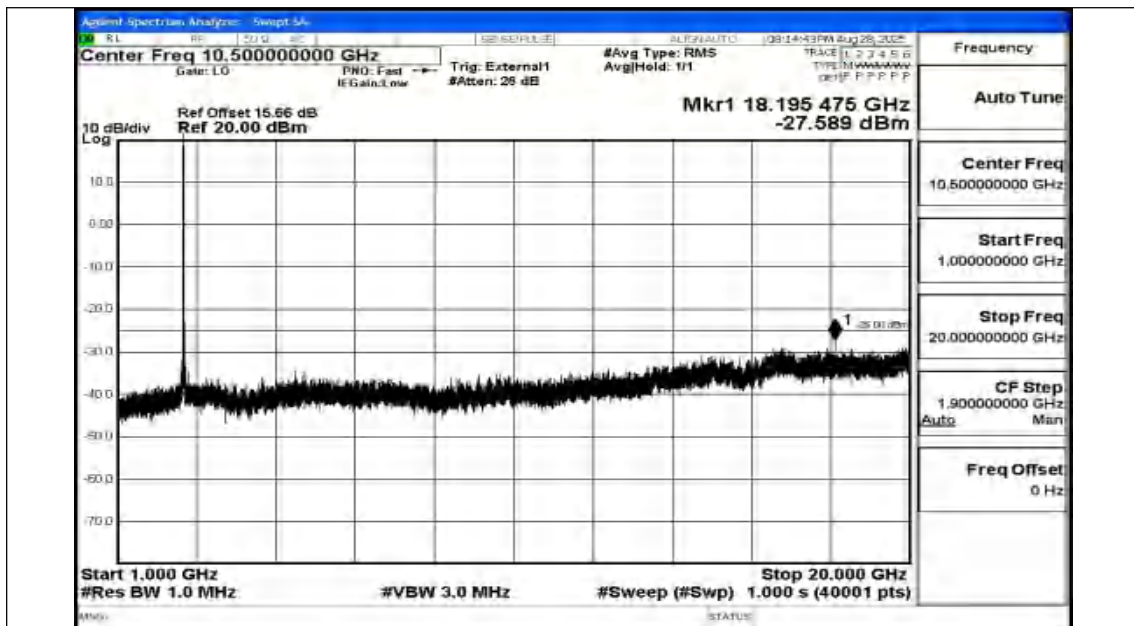
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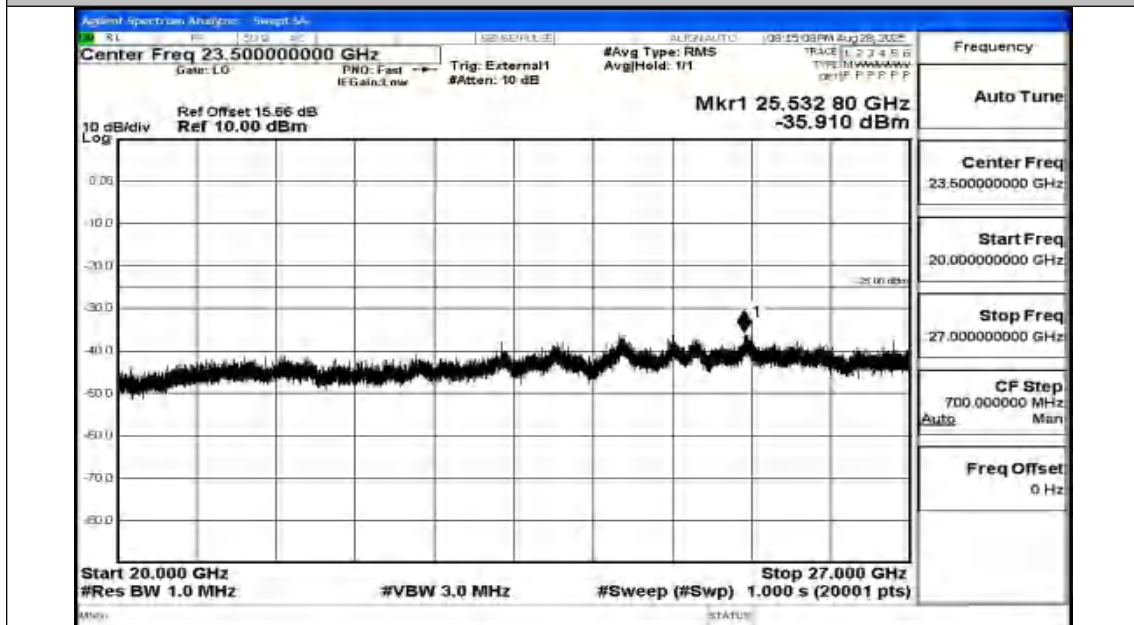
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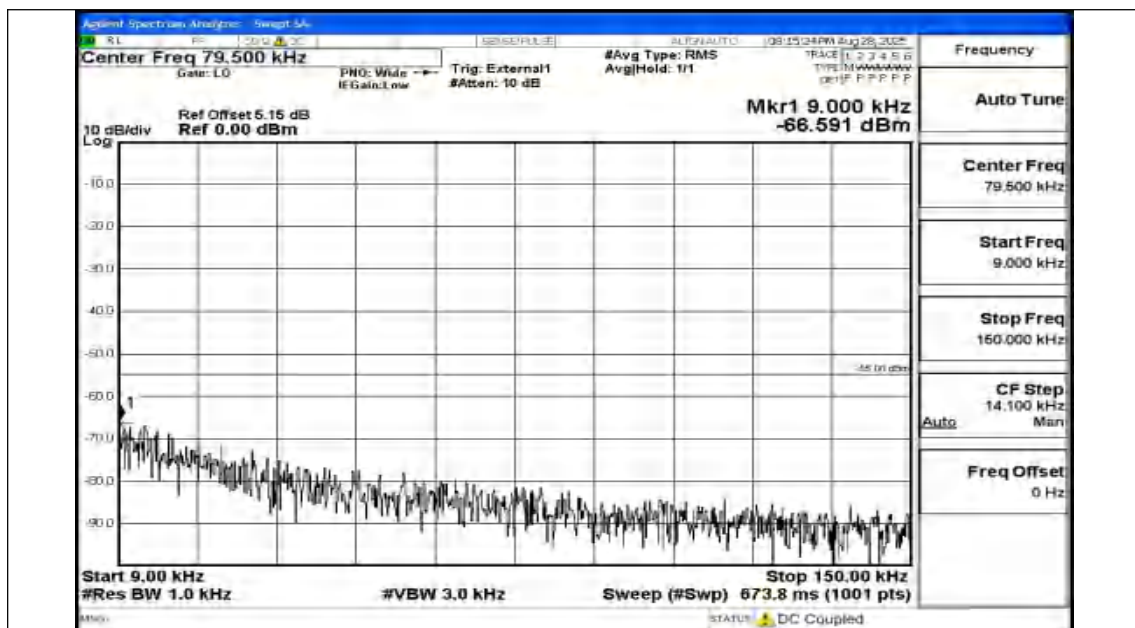
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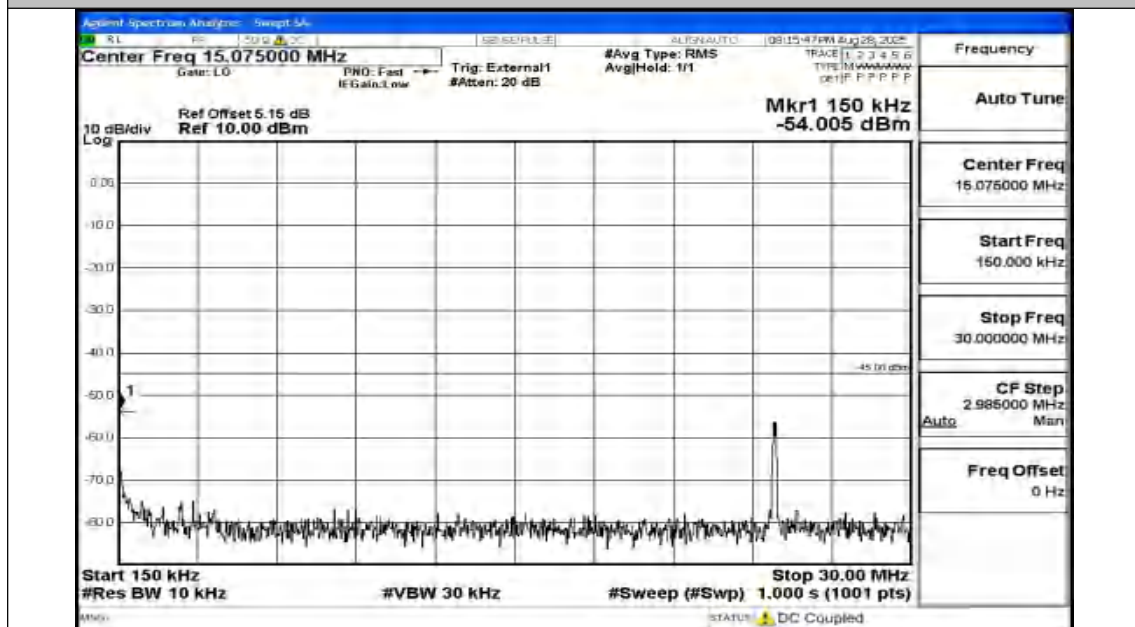
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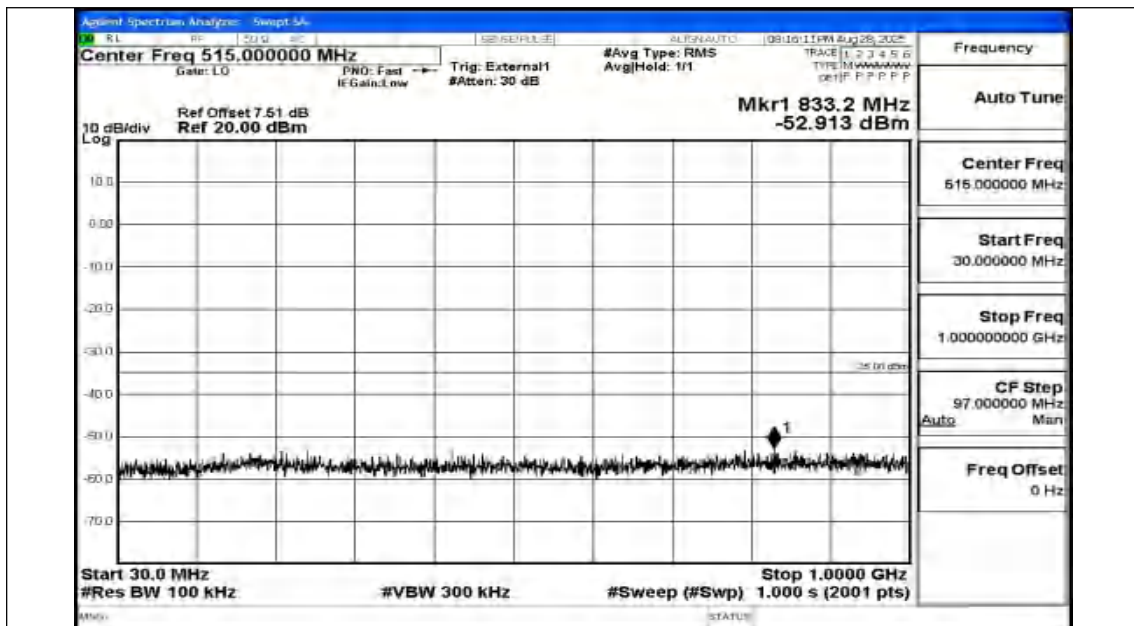
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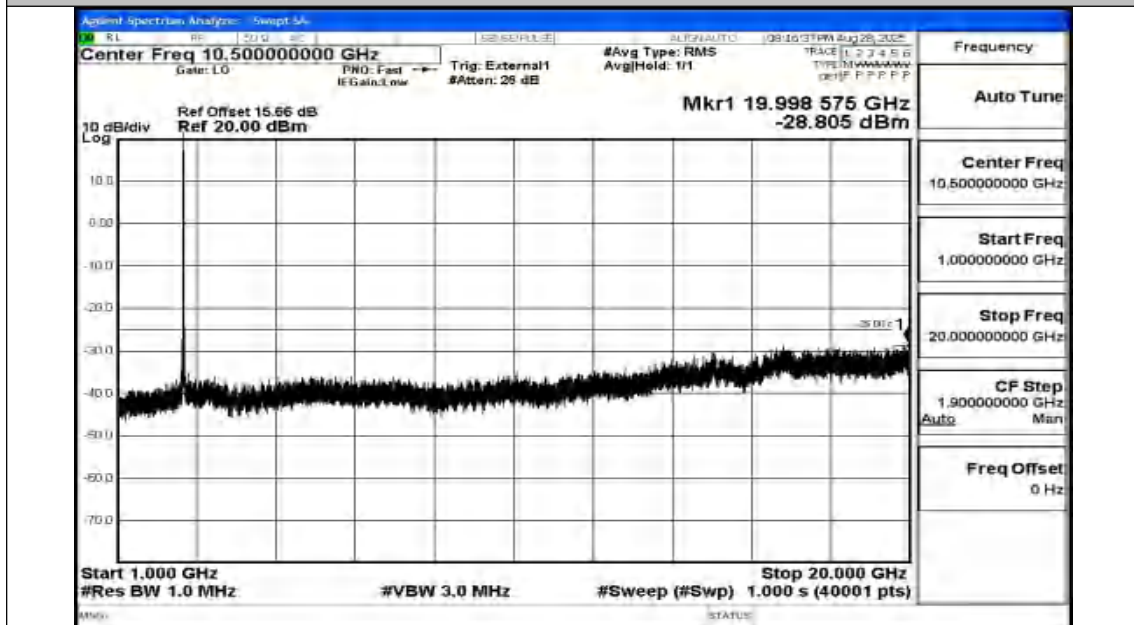
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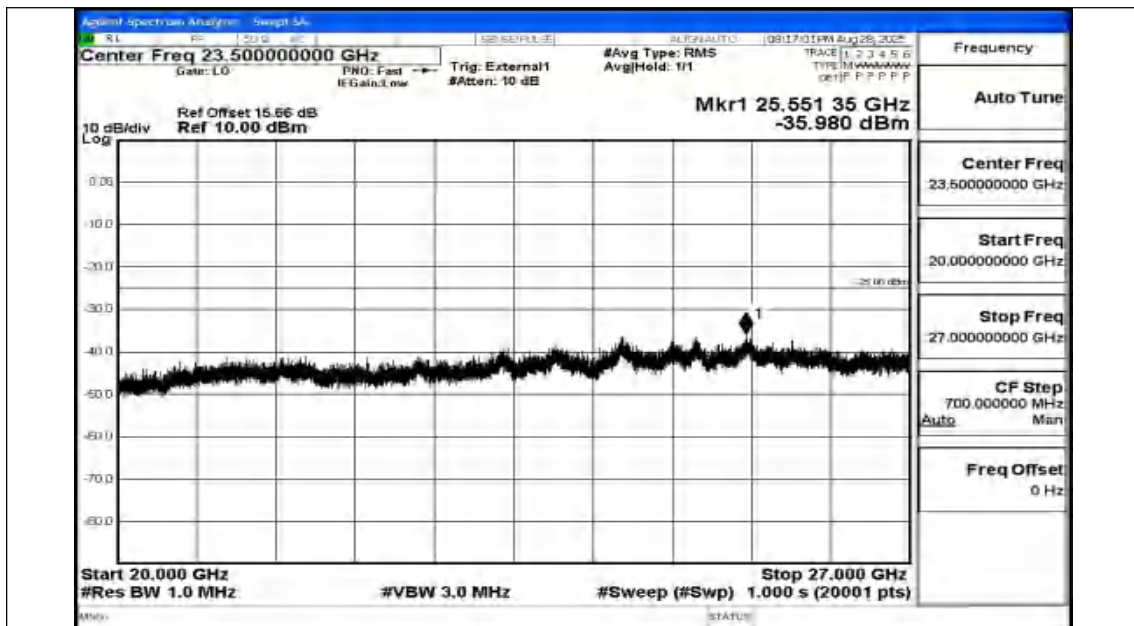
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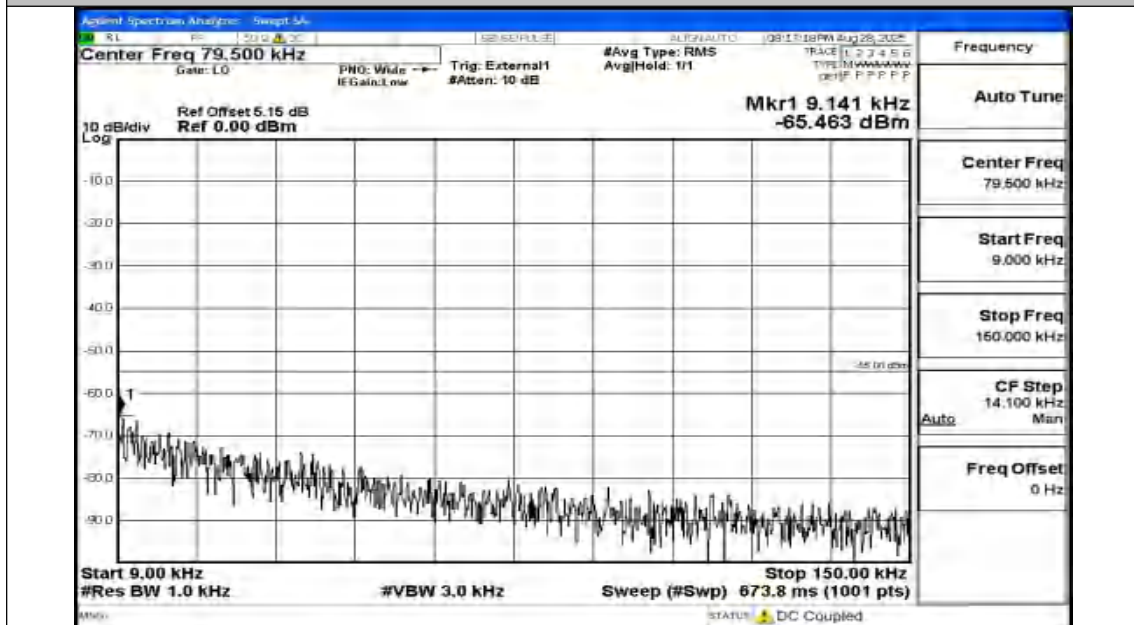
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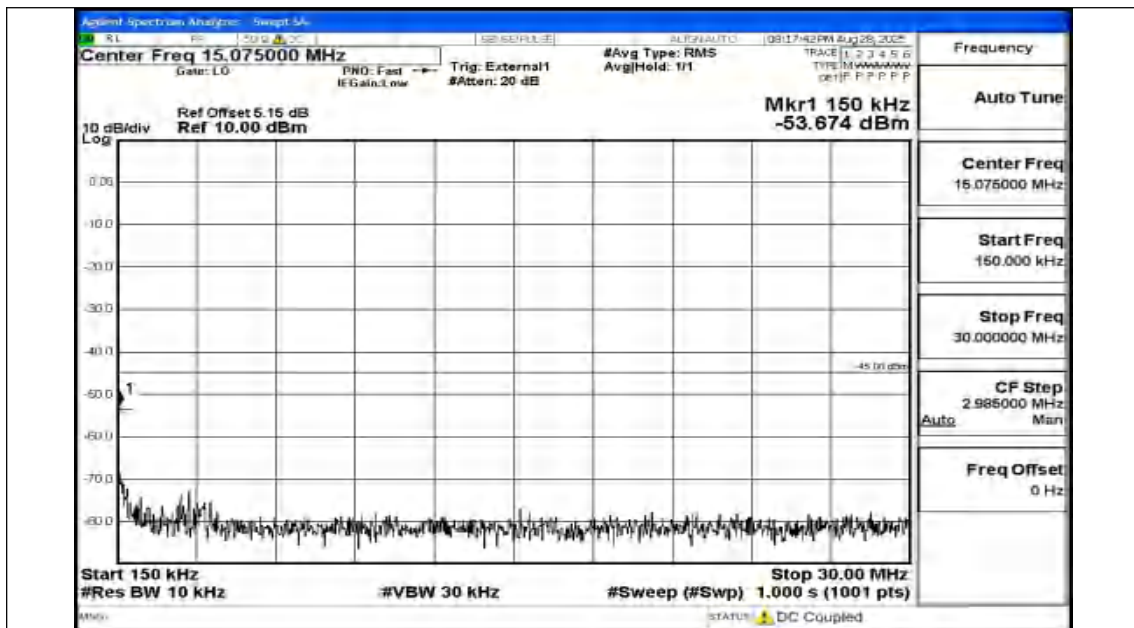
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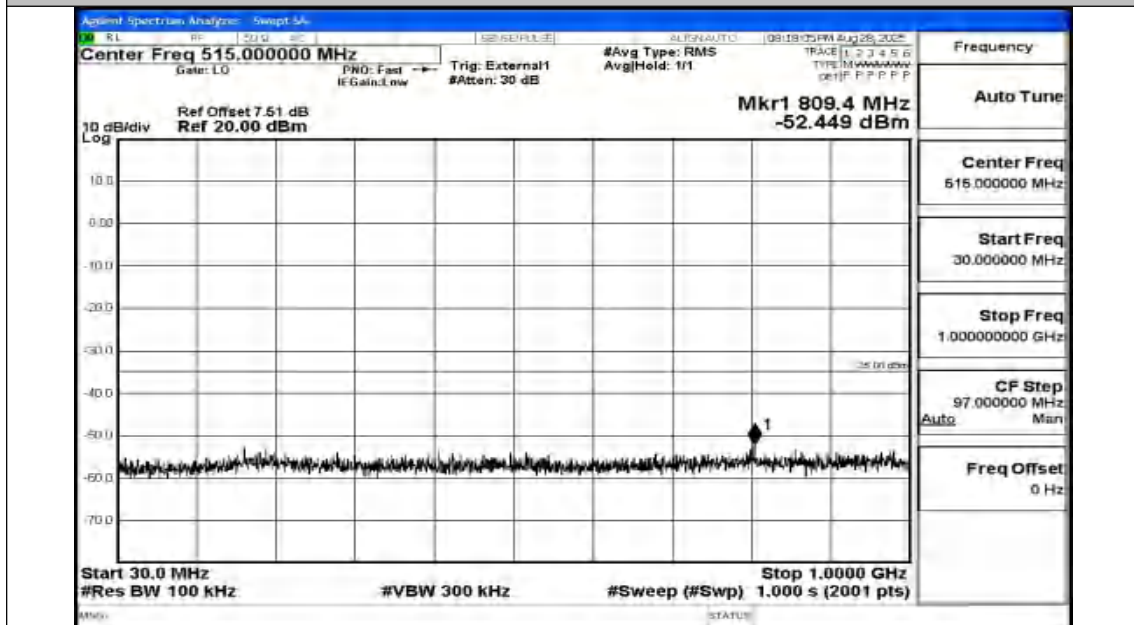
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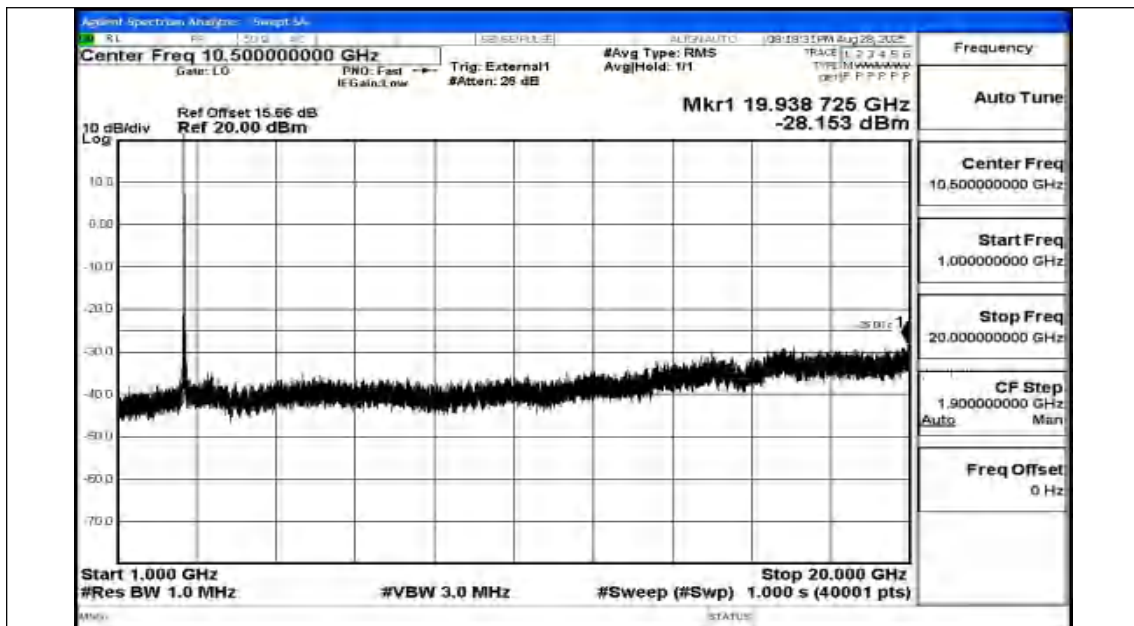
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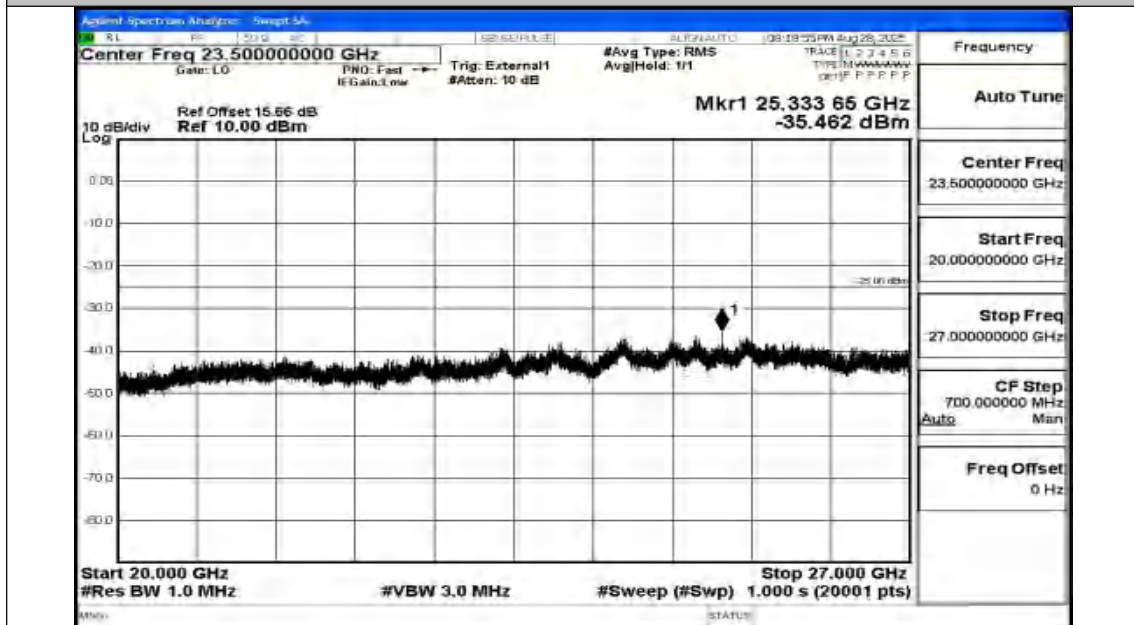
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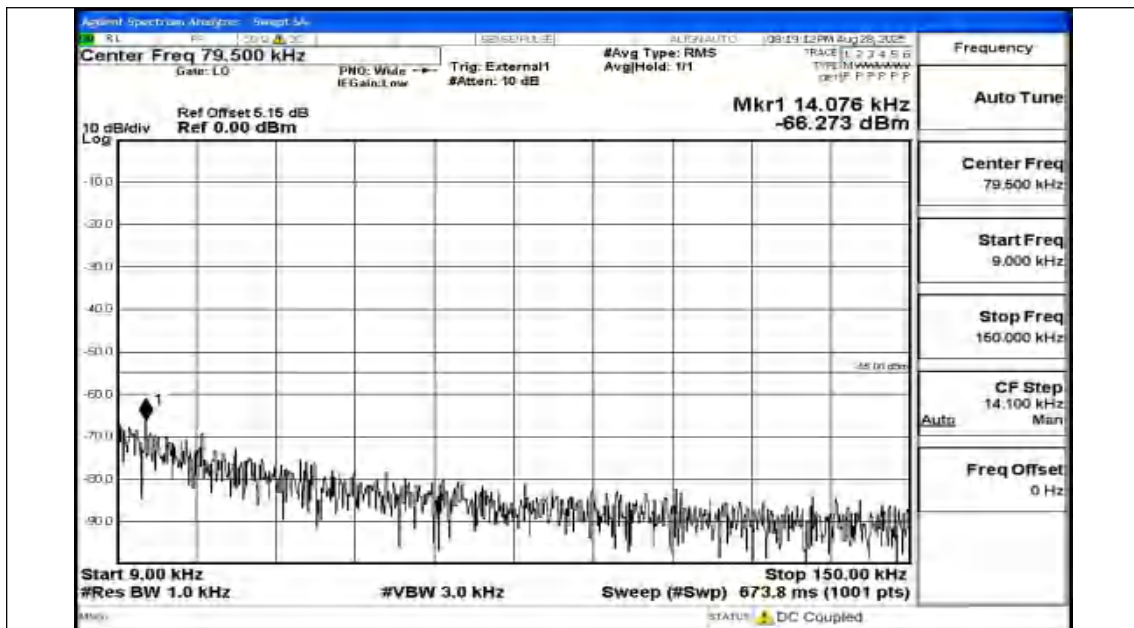
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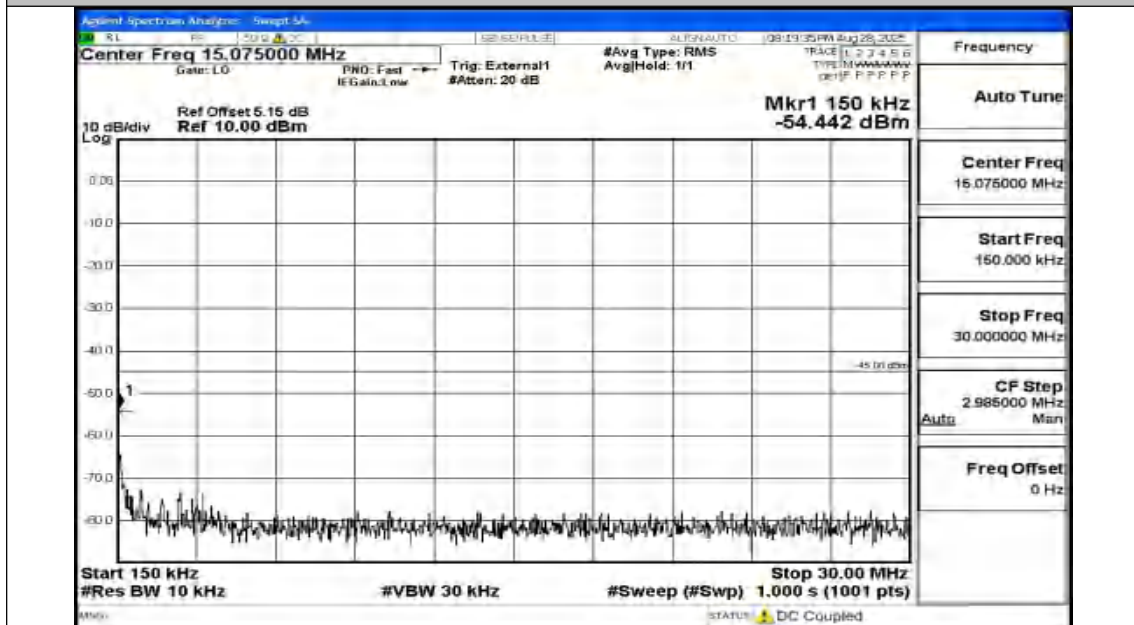
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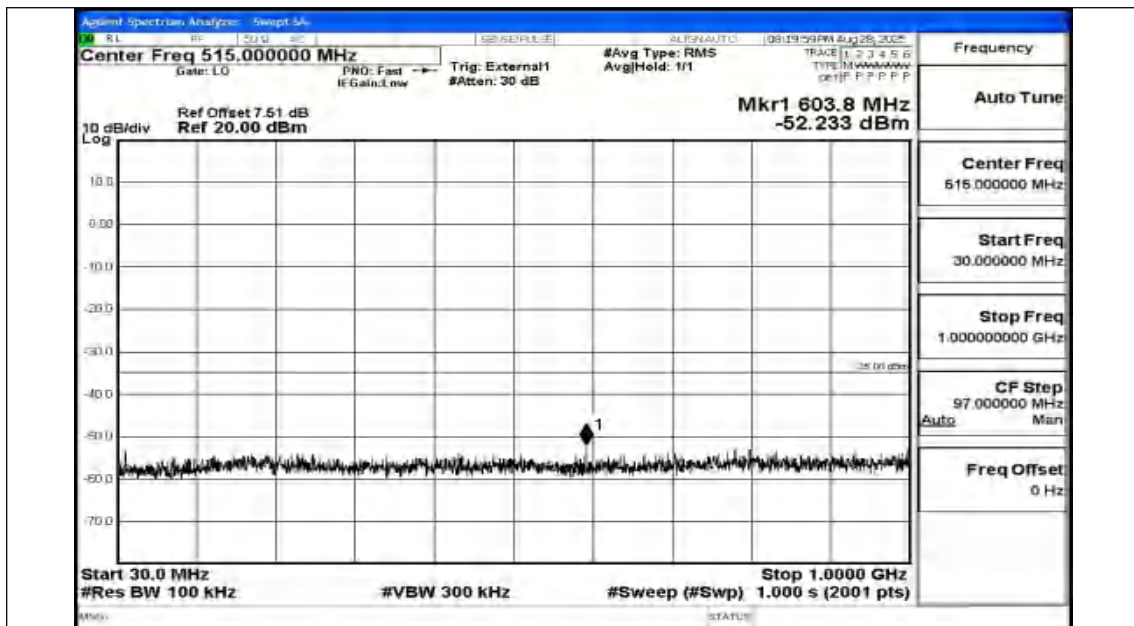
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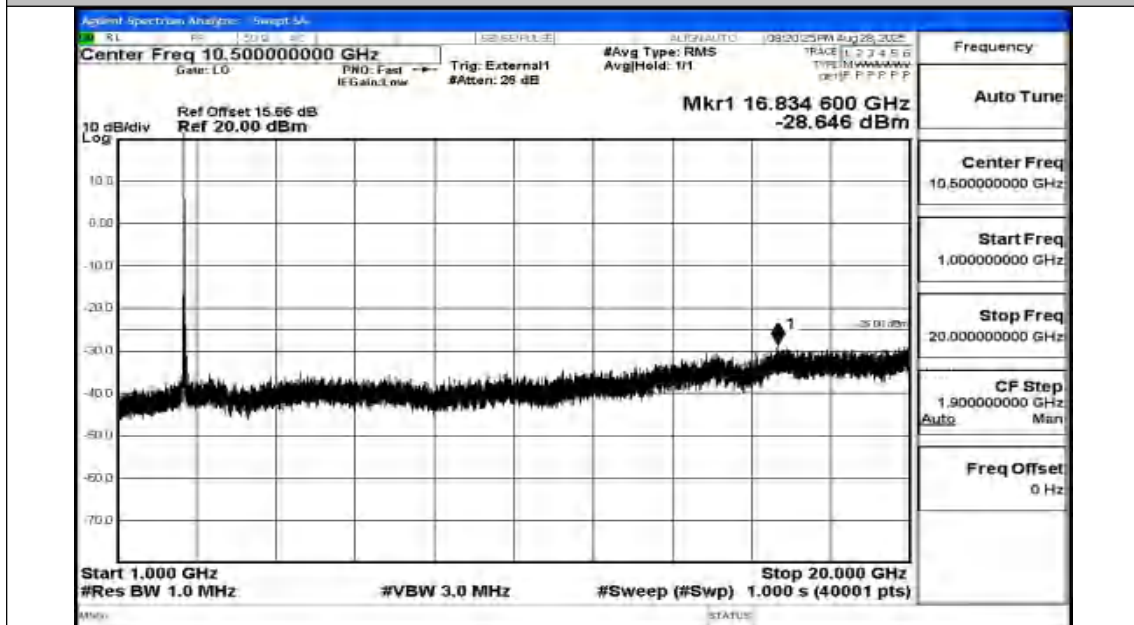
Band38\_20MHz\_16QAM\_38150\_1RB#0\_0.009~0.15\_0.009~0.15



Band38\_20MHz\_16QAM\_38150\_1RB#0\_0.15~30\_0.15~30



Band38\_20MHz\_16QAM\_38150\_1RB#0\_30~1000\_30~1000



Band38\_20MHz\_16QAM\_38150\_1RB#0\_1000~20000\_1000~20000

