

# LTE Test Data-B2

| General Description of EUT                                                                                                                    |                                          |
|-----------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------|
| Product Name:                                                                                                                                 | Tractive DOG 6 mini, Tractive CAT 6 mini |
| Test Model:                                                                                                                                   | TG7A                                     |
| Sample ID:                                                                                                                                    | HC-C-202601-0392-5-02                    |
| Environmental Conditions                                                                                                                      |                                          |
| Temperature:                                                                                                                                  | 22.0℃-25℃                                |
| Relative Humidity:                                                                                                                            | 43%-55%                                  |
| Test Voltage:                                                                                                                                 | DC 3.88V                                 |
| Test Engineer:                                                                                                                                | Lily Zhang                               |
| Note: For a more detailed features description, please refer to the report TBR-C-202601-0392-91.<br>The report only show the worst case data. |                                          |

## Contents

|                                                |    |
|------------------------------------------------|----|
| <b>LTE Test Data-B2</b> .....                  | 1  |
| 1: Conducted Output Power Data.....            | 3  |
| Test Result .....                              | 3  |
| 2: Peak-to-Average Ratio(CCDF).....            | 7  |
| Test Result .....                              | 7  |
| Test Graphs.....                               | 8  |
| 3: 26dB Bandwidth and Occupied Bandwidth ..... | 18 |
| Test Result .....                              | 18 |
| Test Graphs.....                               | 19 |
| 4: Band Edge .....                             | 25 |
| Test Result .....                              | 25 |
| Test Graphs.....                               | 27 |
| 5: Conducted Spurious Emission.....            | 38 |
| Test Result .....                              | 38 |
| Test Graphs.....                               | 43 |
| 6: Frequency Stability .....                   | 73 |
| Test Result .....                              | 73 |

# 1: Conducted Output Power Data

## Test Result

| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Limit(dBm) | Verdict |
|-------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 21.24       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#2            | 21.22       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#5            | 21.31       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#0            | 21.06       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#1            | 20.94       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 3RB#3            | 21.60       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 20.80       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 21.35       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#2            | 21.24       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#5            | 21.27       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#0            | 21.25       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#1            | 21.70       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 3RB#3            | 21.68       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 20.33       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 20.72       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#2            | 20.67       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#5            | 21.47       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#0            | 21.52       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#1            | 21.47       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 3RB#3            | 21.46       | 33         | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 20.47       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 20.23       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#2            | 20.18       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#5            | 20.30       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#0            | 19.96       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#1            | 20.05       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 3RB#3            | 20.47       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 19.77       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 20.22       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#2            | 20.49       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#5            | 20.15       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#0            | 20.02       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#1            | 20.69       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 3RB#3            | 20.50       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 19.36       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 19.61       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#2            | 19.38       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#5            | 20.49       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 3RB#0            | 20.45       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 3RB#1            | 20.38       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 3RB#3            | 20.48       | 33         | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 19.55       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 21.30       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#8            | 19.92       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#14           | 20.36       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 8RB#0            | 20.54       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 8RB#4            | 20.16       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 8RB#7            | 20.60       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 20.43       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 21.63       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#8            | 19.48       | 33         | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#14           | 19.27       | 33         | PASS    |

|       |      |       |       |         |       |    |      |
|-------|------|-------|-------|---------|-------|----|------|
| Band2 | 3MHz | QPSK  | 18900 | 8RB#0   | 19.31 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 18900 | 8RB#4   | 20.20 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 18900 | 8RB#7   | 20.14 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 18900 | 15RB#0  | 20.17 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#0   | 21.81 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#8   | 21.72 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 1RB#14  | 21.46 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#0   | 20.78 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#4   | 20.63 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 8RB#7   | 20.51 | 33 | PASS |
| Band2 | 3MHz | QPSK  | 19185 | 15RB#0  | 20.57 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#0   | 20.51 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#8   | 19.01 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 1RB#14  | 19.27 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#0   | 19.69 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#4   | 19.17 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 8RB#7   | 19.75 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18615 | 15RB#0  | 19.65 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#0   | 19.23 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#8   | 19.71 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 1RB#14  | 19.18 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#0   | 19.30 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#4   | 19.18 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 8RB#7   | 19.33 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 18900 | 15RB#0  | 19.30 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#0   | 21.14 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#8   | 20.73 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 1RB#14  | 20.52 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#0   | 19.92 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#4   | 19.72 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 8RB#7   | 19.69 | 33 | PASS |
| Band2 | 3MHz | 16QAM | 19185 | 15RB#0  | 19.70 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#0   | 21.26 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#12  | 21.69 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 1RB#24  | 21.81 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#0  | 20.41 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#6  | 20.40 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 12RB#13 | 20.60 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18625 | 25RB#0  | 20.37 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#0   | 21.40 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#12  | 21.32 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 1RB#24  | 21.28 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#0  | 20.24 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#6  | 20.31 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 12RB#13 | 20.28 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 18900 | 25RB#0  | 20.24 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#0   | 20.69 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#12  | 20.34 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 1RB#24  | 20.58 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#0  | 19.81 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#6  | 19.64 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 12RB#13 | 19.47 | 33 | PASS |
| Band2 | 5MHz | QPSK  | 19175 | 25RB#0  | 19.50 | 33 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#0   | 20.58 | 33 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#12  | 20.88 | 33 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 1RB#24  | 21.06 | 33 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#0  | 19.52 | 33 | PASS |
| Band2 | 5MHz | 16QAM | 18625 | 12RB#6  | 19.56 | 33 | PASS |

|       |       |       |       |         |       |    |      |
|-------|-------|-------|-------|---------|-------|----|------|
| Band2 | 5MHz  | 16QAM | 18625 | 12RB#13 | 19.69 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18625 | 25RB#0  | 19.46 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#0   | 20.25 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#12  | 20.17 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 1RB#24  | 20.29 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#0  | 19.38 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#6  | 19.38 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 12RB#13 | 19.41 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 18900 | 25RB#0  | 19.37 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#0   | 19.36 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#12  | 19.18 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 1RB#24  | 19.25 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#0  | 19.06 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#6  | 18.56 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 12RB#13 | 18.53 | 33 | PASS |
| Band2 | 5MHz  | 16QAM | 19175 | 25RB#0  | 18.50 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#0   | 20.08 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#24  | 22.21 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 1RB#49  | 21.28 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#0  | 20.72 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#12 | 21.19 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 25RB#25 | 21.35 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18650 | 50RB#0  | 21.31 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#0   | 20.09 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#24  | 21.66 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 1RB#49  | 20.11 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#0  | 20.22 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#12 | 20.38 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 25RB#25 | 20.28 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 18900 | 50RB#0  | 20.63 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#0   | 20.58 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#24  | 20.73 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 1RB#49  | 21.88 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#0  | 21.83 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#12 | 21.61 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 25RB#25 | 21.18 | 33 | PASS |
| Band2 | 10MHz | QPSK  | 19150 | 50RB#0  | 20.52 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#0   | 19.17 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#24  | 21.44 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 1RB#49  | 20.30 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#0  | 19.80 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#12 | 20.32 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18650 | 25RB#25 | 20.37 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#0   | 19.15 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#24  | 20.26 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 1RB#49  | 19.11 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#0  | 19.34 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#12 | 19.43 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 18900 | 25RB#25 | 19.42 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#0   | 19.81 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#24  | 19.70 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 1RB#49  | 21.00 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#0  | 20.91 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#12 | 20.51 | 33 | PASS |
| Band2 | 10MHz | 16QAM | 19150 | 25RB#25 | 20.35 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#0   | 20.13 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#38  | 22.67 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 1RB#74  | 21.22 | 33 | PASS |

|       |       |       |       |         |       |    |      |
|-------|-------|-------|-------|---------|-------|----|------|
| Band2 | 15MHz | QPSK  | 18675 | 36RB#0  | 21.21 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 36RB#18 | 21.77 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 36RB#39 | 21.73 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18675 | 75RB#0  | 21.47 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#0   | 20.19 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#38  | 21.75 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 1RB#74  | 20.20 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 36RB#0  | 20.56 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 36RB#18 | 20.62 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 36RB#39 | 20.57 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 18900 | 75RB#0  | 20.49 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#0   | 21.55 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#38  | 21.40 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 1RB#74  | 19.47 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 36RB#0  | 21.43 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 36RB#18 | 20.77 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 36RB#39 | 19.88 | 33 | PASS |
| Band2 | 15MHz | QPSK  | 19125 | 75RB#0  | 20.60 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#0   | 19.49 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#38  | 21.62 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18675 | 1RB#74  | 20.43 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#0   | 19.15 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#38  | 20.68 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 18900 | 1RB#74  | 19.23 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#0   | 20.26 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#38  | 20.00 | 33 | PASS |
| Band2 | 15MHz | 16QAM | 19125 | 1RB#74  | 19.80 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#0   | 19.67 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#49  | 22.98 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 1RB#99  | 20.62 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#0  | 20.97 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#25 | 21.48 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 50RB#50 | 21.10 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18700 | 100RB#0 | 21.08 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#0   | 20.13 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#49  | 21.66 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 1RB#99  | 20.08 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#0  | 20.06 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#25 | 20.12 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 50RB#50 | 20.08 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 18900 | 100RB#0 | 20.05 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#0   | 20.08 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#49  | 23.12 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 1RB#99  | 19.55 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#0  | 21.26 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#25 | 20.98 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 50RB#50 | 19.91 | 33 | PASS |
| Band2 | 20MHz | QPSK  | 19100 | 100RB#0 | 20.48 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#0   | 19.21 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#49  | 21.95 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18700 | 1RB#99  | 20.06 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#0   | 19.41 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#49  | 20.59 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 18900 | 1RB#99  | 19.28 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#0   | 19.49 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#49  | 21.89 | 33 | PASS |
| Band2 | 20MHz | 16QAM | 19100 | 1RB#99  | 20.19 | 33 | PASS |

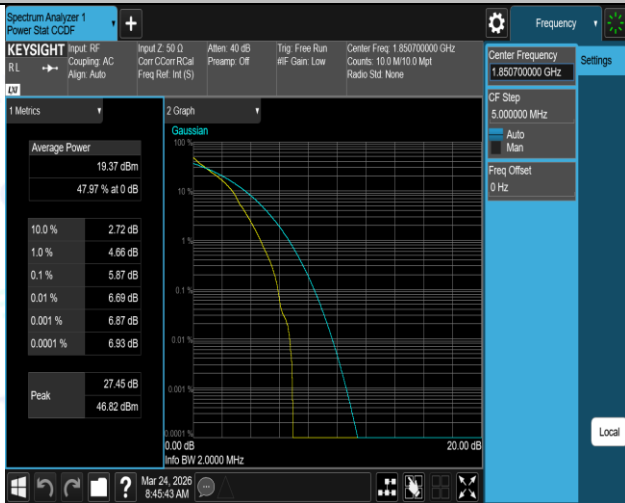
## 2: Peak-to-Average Ratio(CCDF)

### Test Result

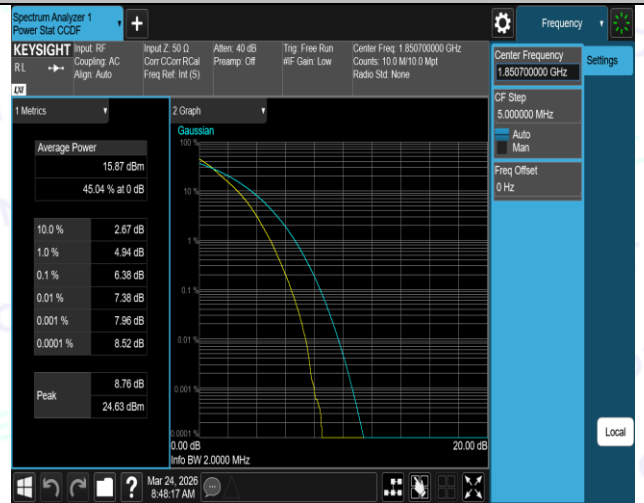
| Band  | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|-------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band2 | 1.4MHz    | QPSK       | 18607   | 1RB#0            | 5.87       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18607   | 6RB#0            | 6.38       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 1RB#0            | 5.76       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 18900   | 6RB#0            | 6.51       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 1RB#0            | 8.48       | 13        | PASS    |
| Band2 | 1.4MHz    | QPSK       | 19193   | 6RB#0            | 6.52       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 1RB#0            | 8.18       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18607   | 6RB#0            | 7.02       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 1RB#0            | 7.29       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 18900   | 6RB#0            | 7.00       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 1RB#0            | 6.86       | 13        | PASS    |
| Band2 | 1.4MHz    | 16QAM      | 19193   | 6RB#0            | 7.28       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 1RB#0            | 5.80       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18615   | 15RB#0           | 6.84       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 1RB#0            | 6.02       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 18900   | 15RB#0           | 5.75       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 1RB#0            | 7.51       | 13        | PASS    |
| Band2 | 3MHz      | QPSK       | 19185   | 15RB#0           | 6.14       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 1RB#0            | 6.55       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18615   | 15RB#0           | 7.01       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 1RB#0            | 6.81       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 18900   | 15RB#0           | 7.10       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 1RB#0            | 6.58       | 13        | PASS    |
| Band2 | 3MHz      | 16QAM      | 19185   | 15RB#0           | 7.39       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 1RB#0            | 8.51       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18625   | 25RB#0           | 6.05       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 1RB#0            | 5.41       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 18900   | 25RB#0           | 10.59      | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 1RB#0            | 7.69       | 13        | PASS    |
| Band2 | 5MHz      | QPSK       | 19175   | 25RB#0           | 5.60       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 1RB#0            | 12.92      | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18625   | 25RB#0           | 9.91       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 1RB#0            | 8.84       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 18900   | 25RB#0           | 6.19       | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 1RB#0            | 10.19      | 13        | PASS    |
| Band2 | 5MHz      | 16QAM      | 19175   | 25RB#0           | 6.34       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 1RB#0            | 5.93       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18650   | 50RB#0           | 5.39       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 1RB#0            | 5.88       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 18900   | 50RB#0           | 5.53       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 1RB#0            | 5.36       | 13        | PASS    |
| Band2 | 10MHz     | QPSK       | 19150   | 50RB#0           | 9.14       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18650   | 1RB#0            | 7.78       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 18900   | 1RB#0            | 6.42       | 13        | PASS    |
| Band2 | 10MHz     | 16QAM      | 19150   | 1RB#0            | 6.36       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 1RB#0            | 5.69       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18675   | 75RB#0           | 5.57       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 1RB#0            | 5.67       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 18900   | 75RB#0           | 6.08       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 1RB#0            | 5.33       | 13        | PASS    |
| Band2 | 15MHz     | QPSK       | 19125   | 75RB#0           | 5.84       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 18675   | 1RB#0            | 6.39       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 18900   | 1RB#0            | 6.40       | 13        | PASS    |
| Band2 | 15MHz     | 16QAM      | 19125   | 1RB#0            | 6.32       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 1RB#0            | 5.64       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18700   | 100RB#0          | 5.36       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 1RB#0            | 5.77       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 18900   | 100RB#0          | 5.55       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 1RB#0            | 5.22       | 13        | PASS    |
| Band2 | 20MHz     | QPSK       | 19100   | 100RB#0          | 5.27       | 13        | PASS    |

## Test Graphs

Band2-1.4MHz-QPSK-18607-1RB#0-PASS



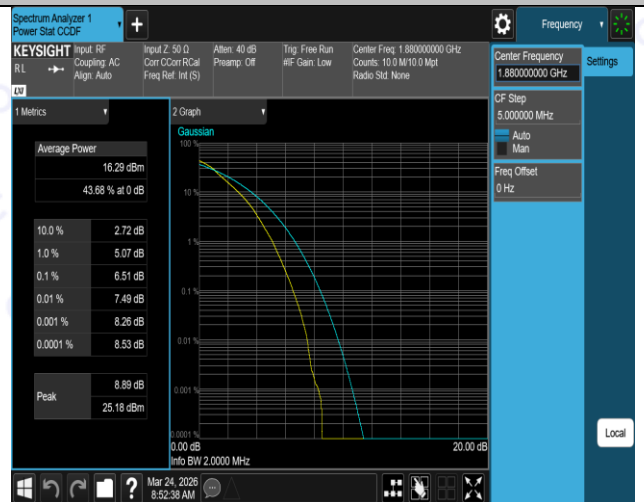
Band2-1.4MHz-QPSK-18607-6RB#0-PASS



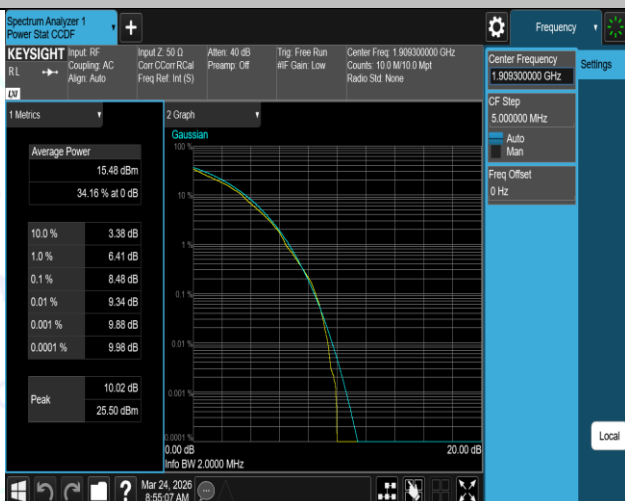
Band2-1.4MHz-QPSK-18900-1RB#0-PASS



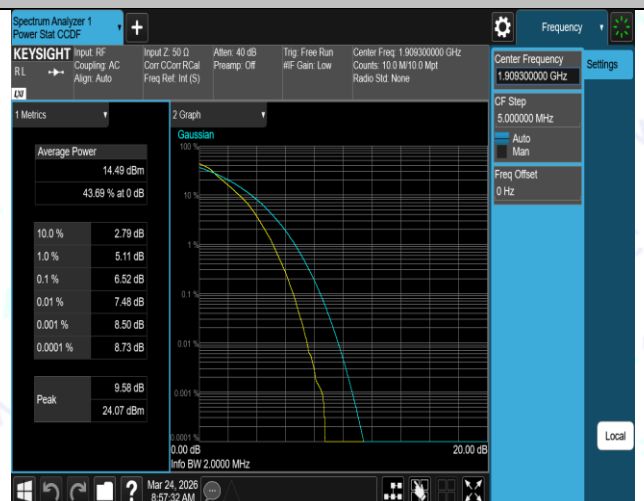
Band2-1.4MHz-QPSK-18900-6RB#0-PASS



Band2-1.4MHz-QPSK-19193-1RB#0-PASS



Band2-1.4MHz-QPSK-19193-6RB#0-PASS



Band2-1.4MHz-16QAM-18607-1RB#0-PASS

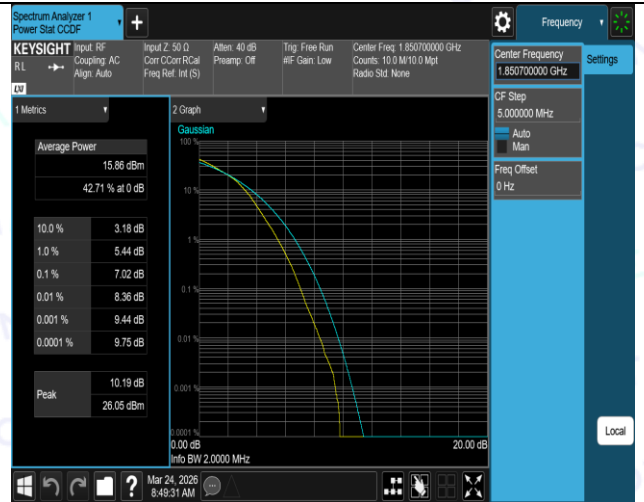


Band2-1.4MHz-16QAM-18607-6RB#0-PASS

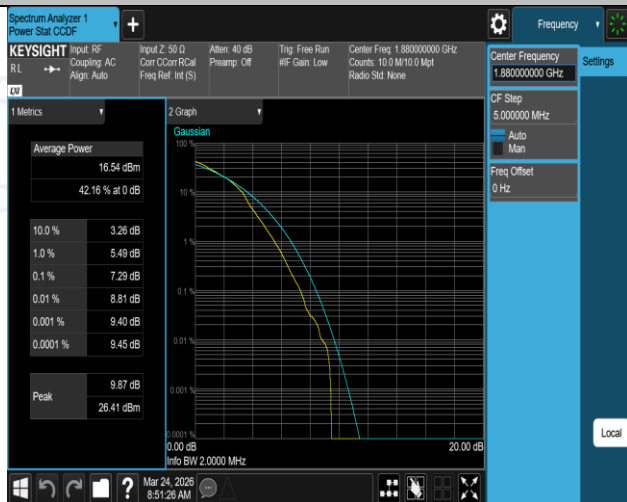




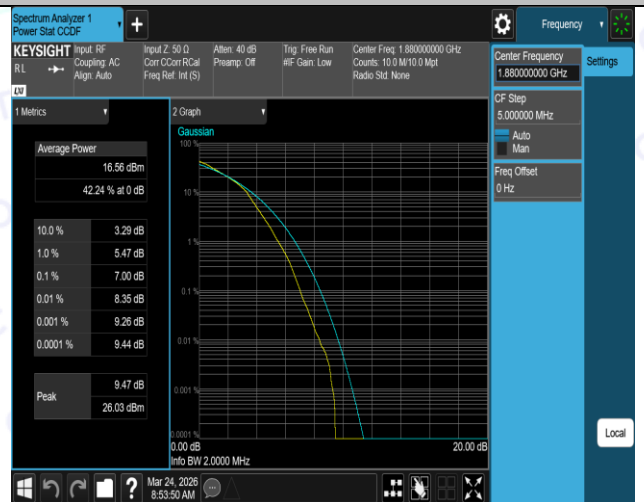
Band2-1.4MHz-16QAM-18900-1RB#0-PASS



Band2-1.4MHz-16QAM-18900-6RB#0-PASS



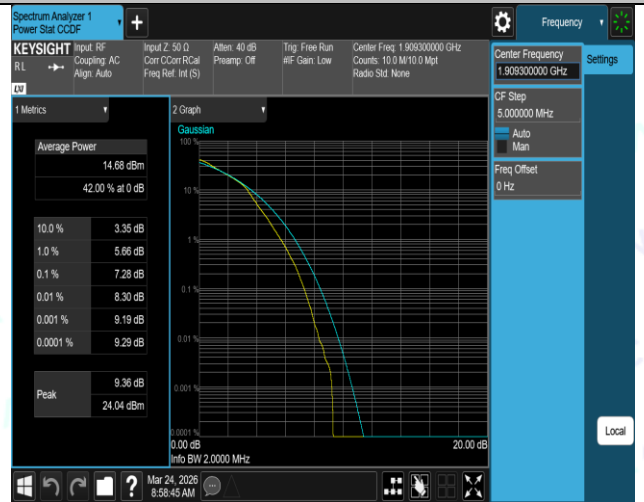
Band2-1.4MHz-16QAM-19193-1RB#0-PASS



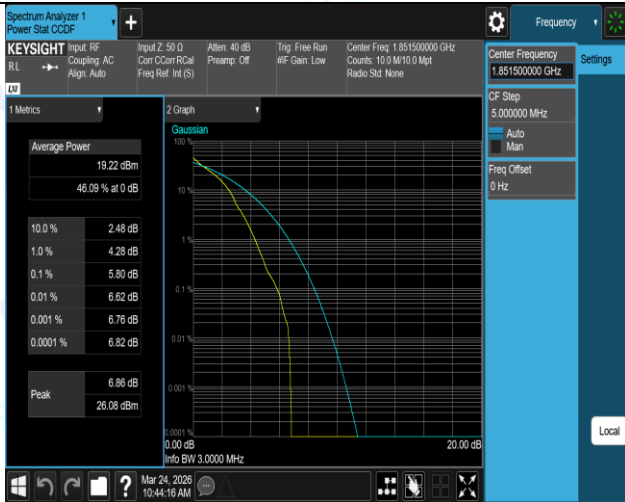
Band2-1.4MHz-16QAM-19193-6RB#0-PASS



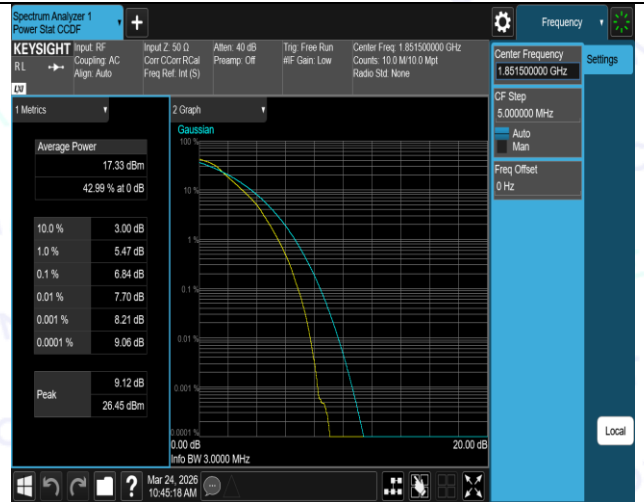
Band2-3MHz-QPSK-18615-1RB#0-PASS



Band2-3MHz-QPSK-18615-15RB#0-PASS



Band2-3MHz-QPSK-18900-1RB#0-PASS



Band2-3MHz-QPSK-18900-15RB#0-PASS



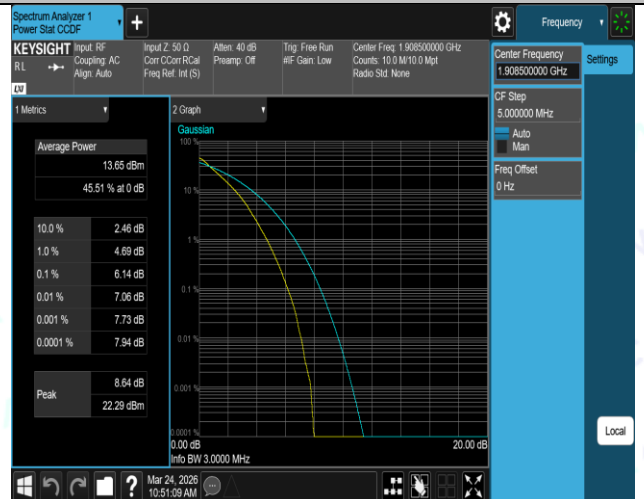
Band2-3MHz-QPSK-19185-1RB#0-PASS



Band2-3MHz-QPSK-19185-15RB#0-PASS



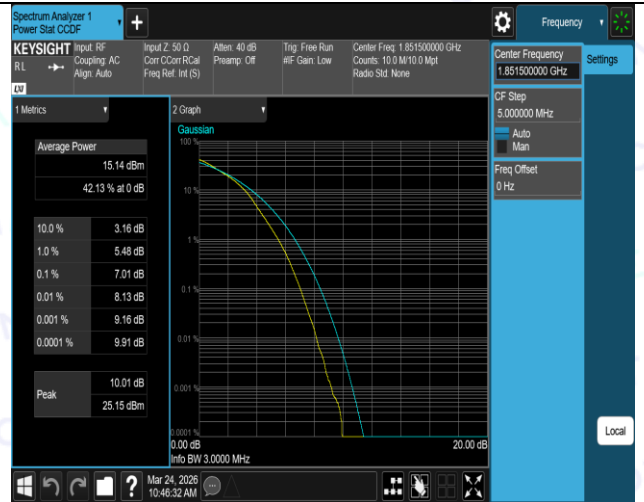
Band2-3MHz-16QAM-18615-1RB#0-PASS



Band2-3MHz-16QAM-18615-15RB#0-PASS



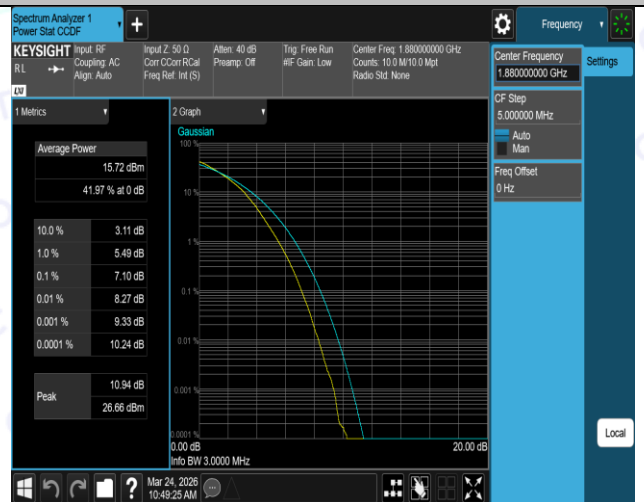
Band2-3MHz-16QAM-18900-1RB#0-PASS



Band2-3MHz-16QAM-18900-15RB#0-PASS



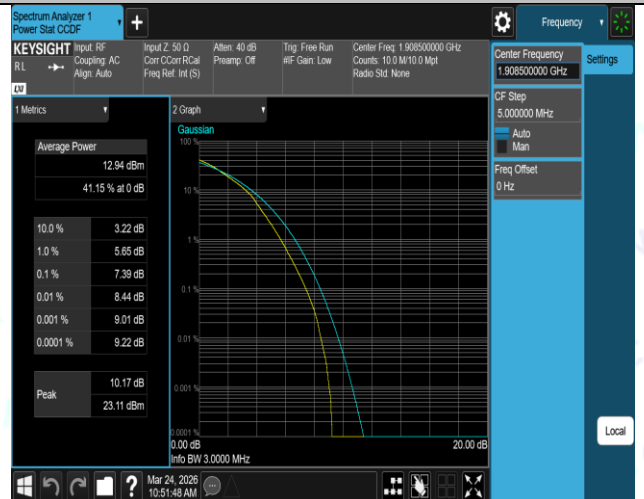
Band2-3MHz-16QAM-19185-1RB#0-PASS



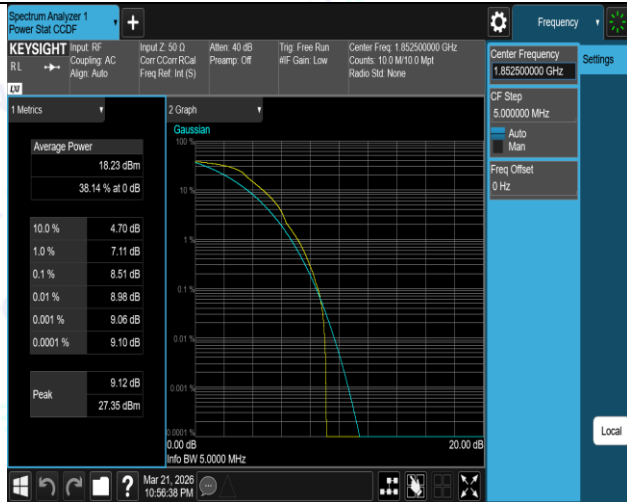
Band2-3MHz-16QAM-19185-15RB#0-PASS



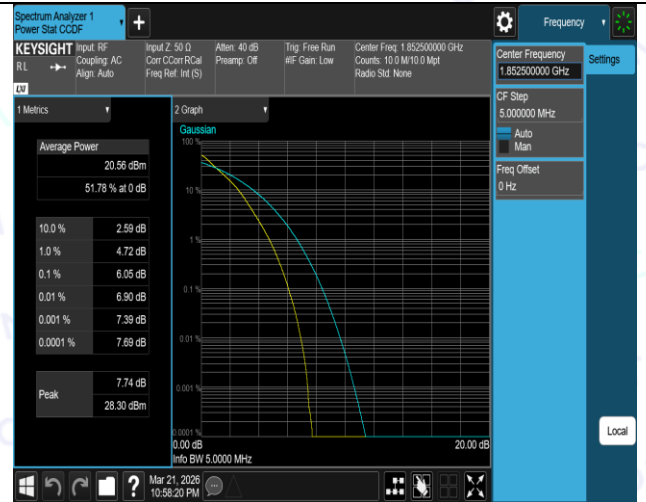
Band2-5MHz-QPSK-18625-1RB#0-PASS



Band2-5MHz-QPSK-18625-25RB#0-PASS



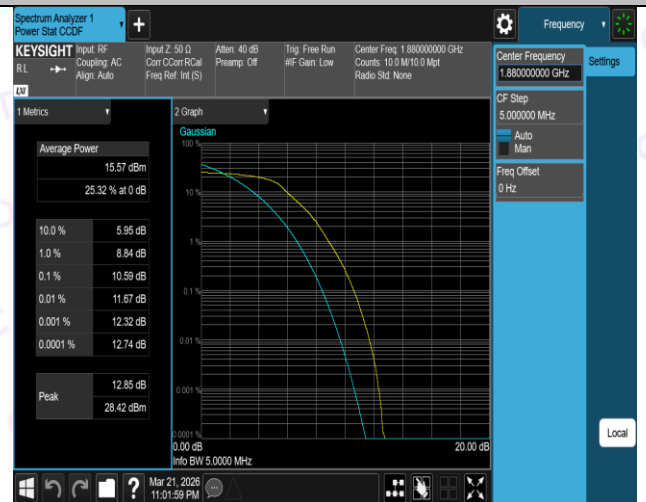
Band2-5MHz-QPSK-18900-1RB#0-PASS



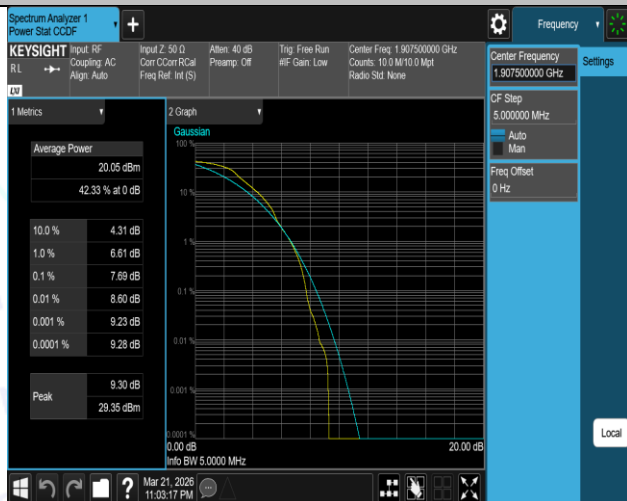
Band2-5MHz-QPSK-18900-25RB#0-PASS



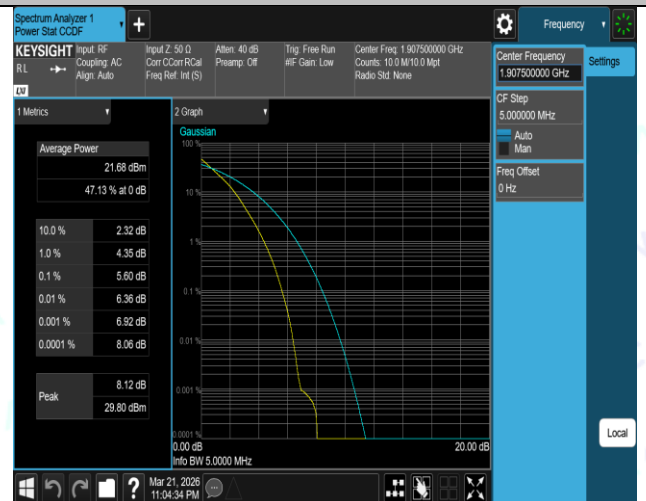
Band2-5MHz-QPSK-19175-1RB#0-PASS



Band2-5MHz-QPSK-19175-25RB#0-PASS



Band2-5MHz-16QAM-18625-1RB#0-PASS



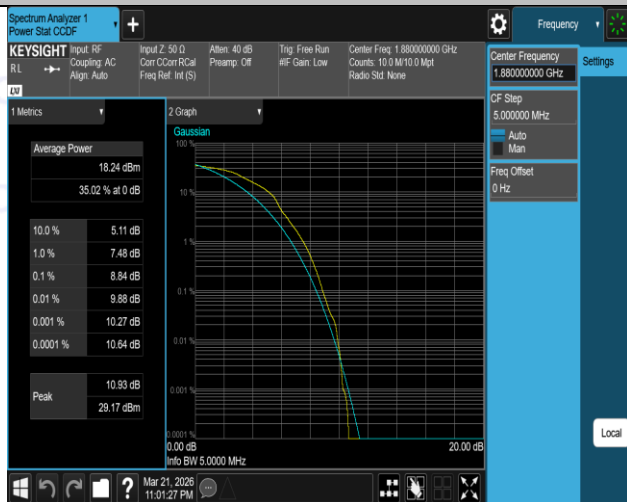
Band2-5MHz-16QAM-18625-25RB#0-PASS



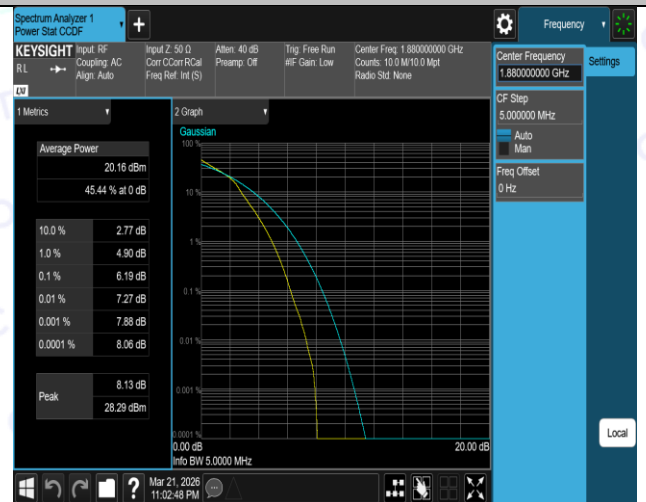
Band2-5MHz-16QAM-18900-1RB#0-PASS



Band2-5MHz-16QAM-18900-25RB#0-PASS



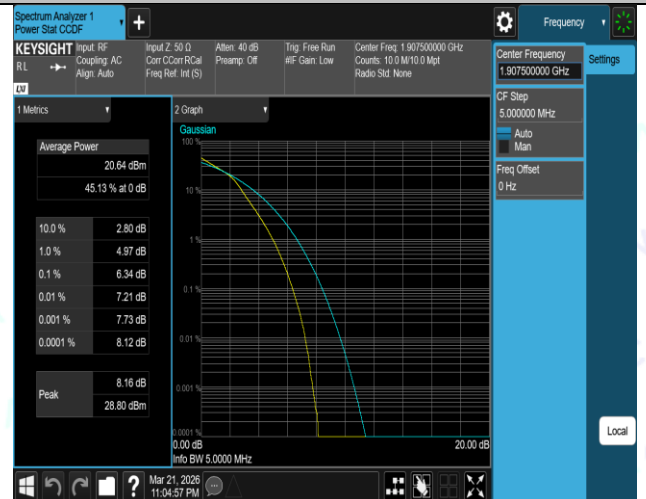
Band2-5MHz-16QAM-19175-1RB#0-PASS



Band2-5MHz-16QAM-19175-25RB#0-PASS



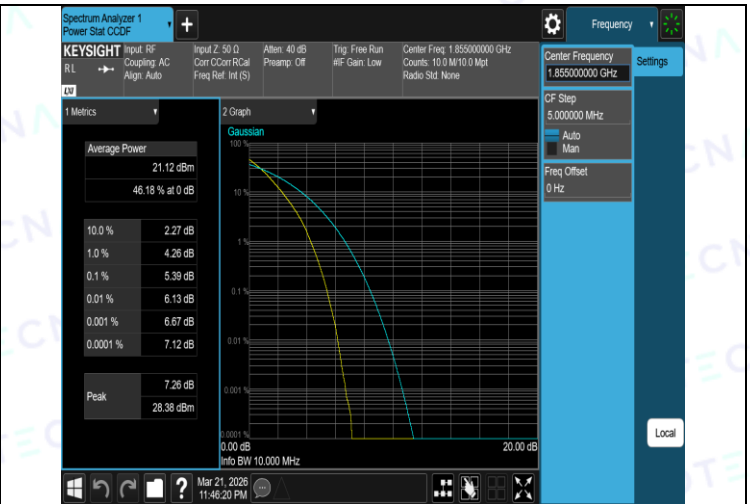
Band2-10MHz-QPSK-18650-1RB#0-PASS



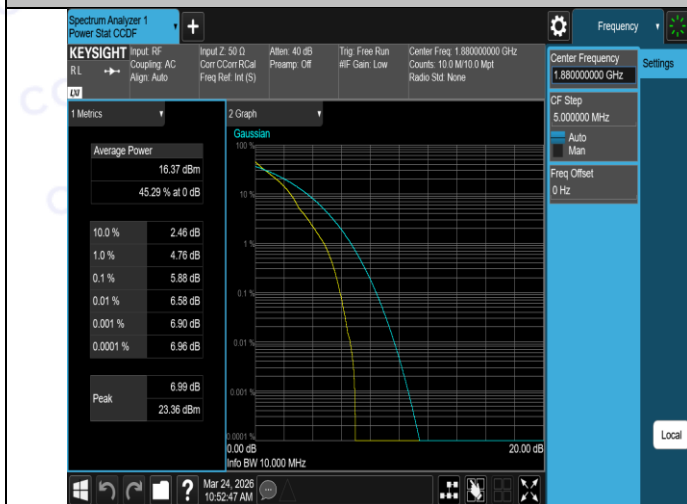
Band2-10MHz-QPSK-18650-50RB#0-PASS



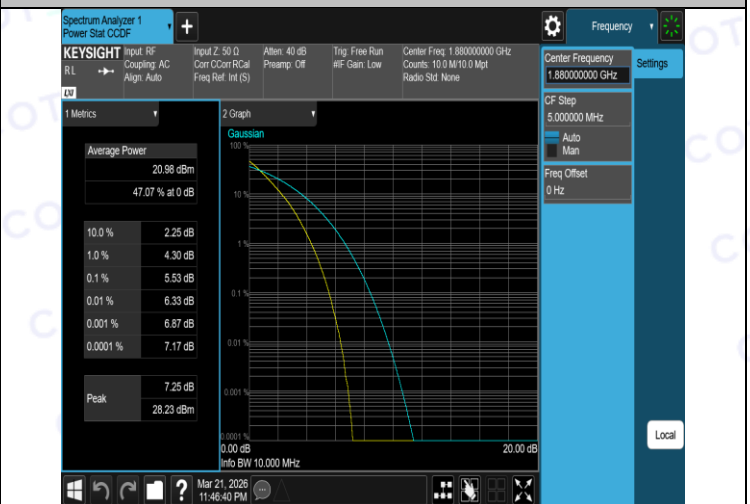
Band2-10MHz-QPSK-18900-1RB#0-PASS



Band2-10MHz-QPSK-18900-50RB#0-PASS



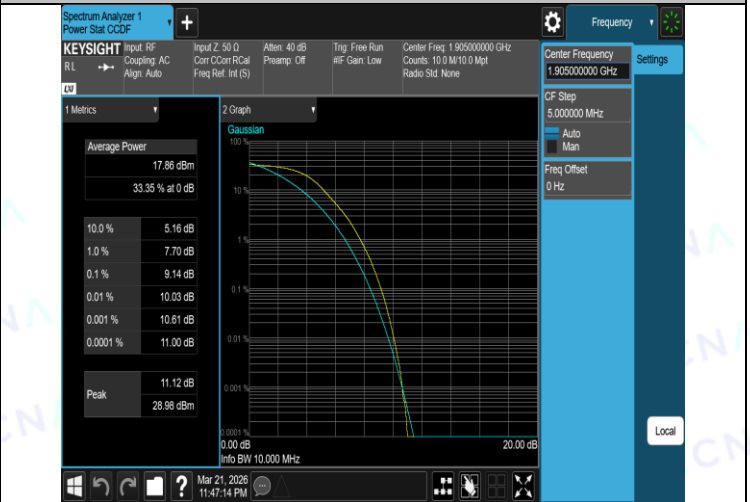
Band2-10MHz-QPSK-19150-1RB#0-PASS



Band2-10MHz-QPSK-19150-50RB#0-PASS



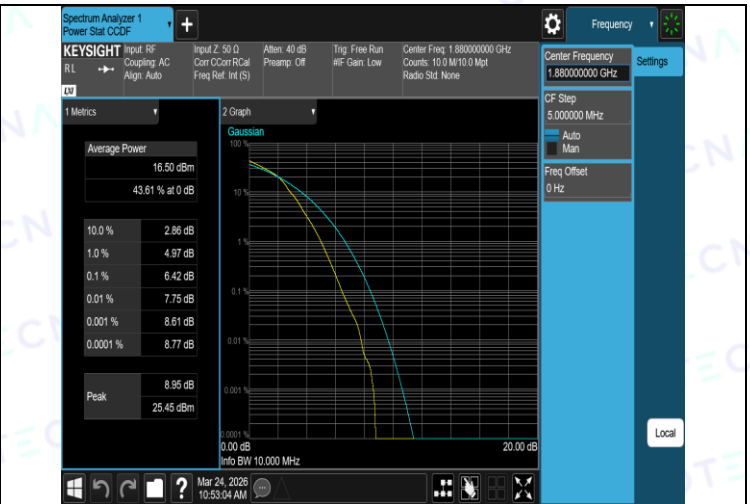
Band2-10MHz-16QAM-18650-1RB#0-PASS



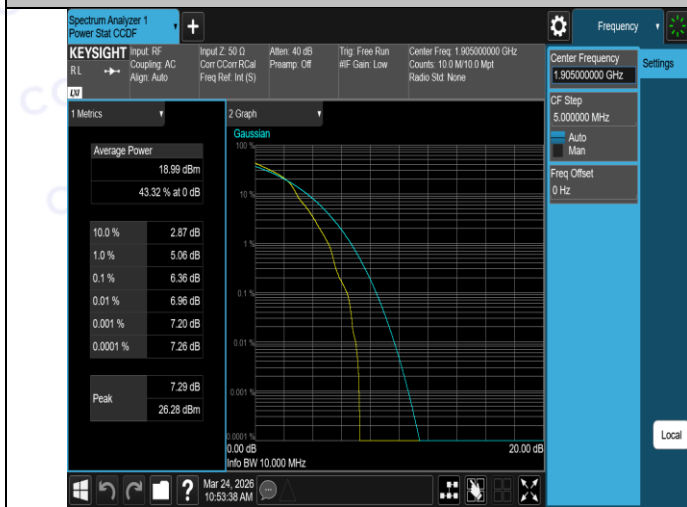
Band2-10MHz-16QAM-18900-1RB#0-PASS



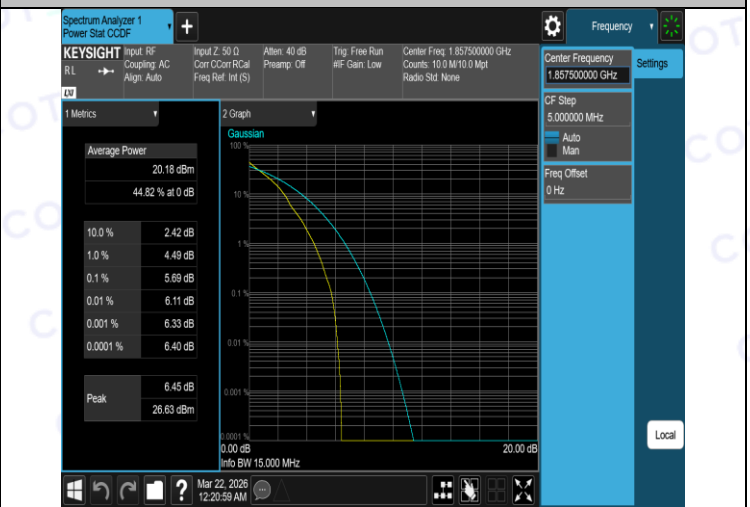
Band2-10MHz-16QAM-19150-1RB#0-PASS



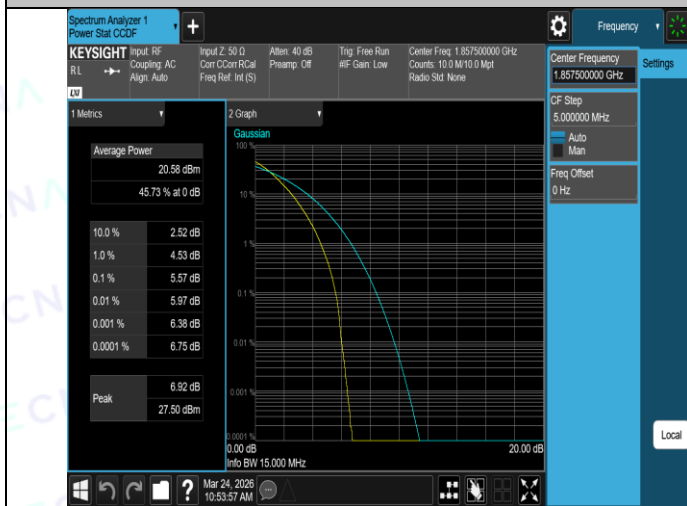
Band2-15MHz-QPSK-18675-1RB#0-PASS



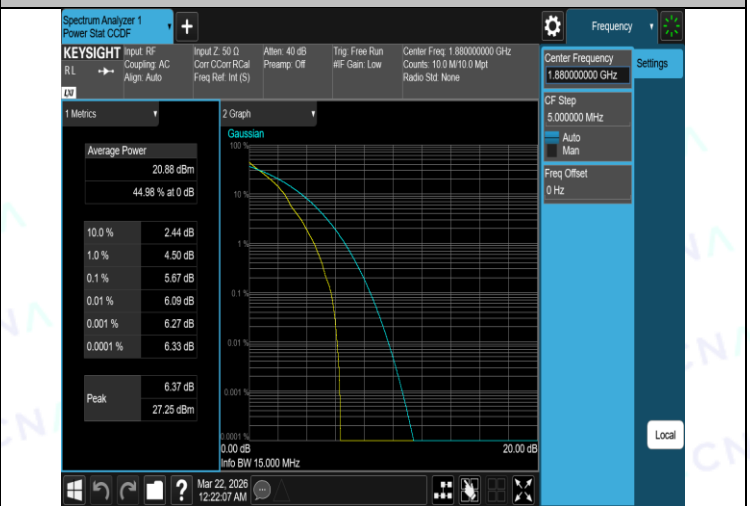
Band2-15MHz-QPSK-18675-75RB#0-PASS



Band2-15MHz-QPSK-18900-1RB#0-PASS



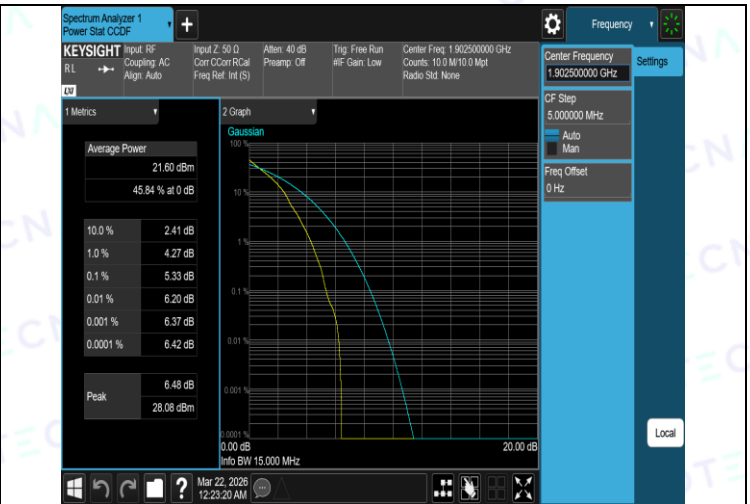
Band2-15MHz-QPSK-18900-75RB#0-PASS



Band2-15MHz-QPSK-19125-1RB#0-PASS



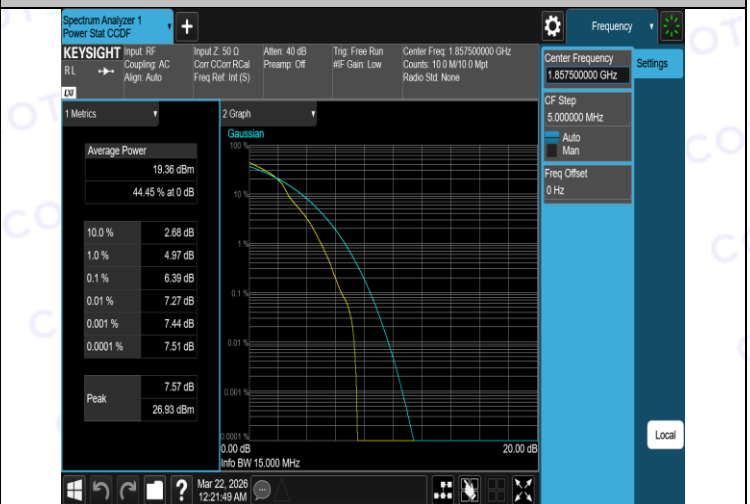
Band2-15MHz-QPSK-19125-75RB#0-PASS



Band2-15MHz-16QAM-18675-1RB#0-PASS



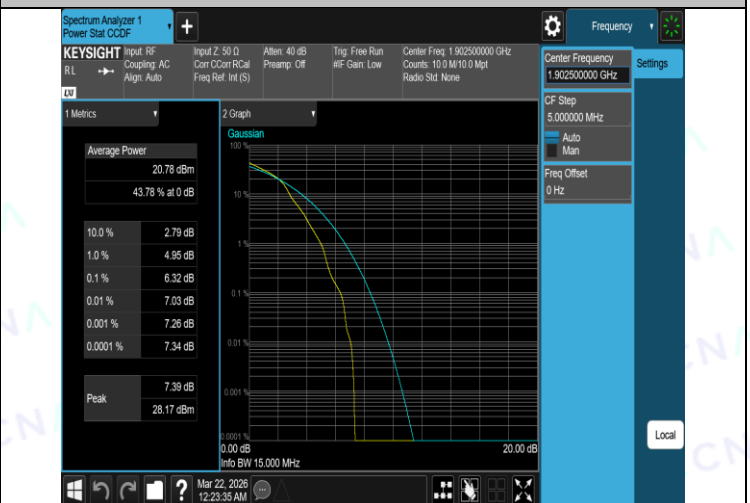
Band2-15MHz-16QAM-18900-1RB#0-PASS



Band2-15MHz-16QAM-19125-1RB#0-PASS



Band2-20MHz-QPSK-18700-1RB#0-PASS



Band2-20MHz-QPSK-18700-100RB#0-PASS