

# LTE Band 12 Test Data

| General Description of EUT                                                                                                                    |                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------|-------------------------|
| EUT Name:                                                                                                                                     | Tractive Dog 6 XL       |
| Model:                                                                                                                                        | TG6XLC                  |
| Sample ID:                                                                                                                                    | HC-C-202512-0263-01-01# |
| Environmental Conditions                                                                                                                      |                         |
| Temperature:                                                                                                                                  | 22.0℃-25℃               |
| Relative Humidity:                                                                                                                            | 43%-55%                 |
| Test Voltage:                                                                                                                                 | DC 3.87V                |
| Test Engineer:                                                                                                                                | Lily Zhang              |
| Note: For a more detailed features description, please refer to the report TBR-C-202512-0263-151<br>The report only show the worst case data. |                         |

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# 1: Conducted Output Power Data

## Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dBm) | Limit(dBm) | Verdict |
|--------|-----------|------------|---------|------------------|-------------|------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 22.50       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#2            | 22.66       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#5            | 22.58       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#0            | 22.55       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#1            | 22.52       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 3RB#3            | 22.46       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 22.58       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 21.90       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#2            | 22.09       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#5            | 22.29       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#0            | 22.07       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#1            | 22.12       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 3RB#3            | 22.24       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 22.21       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 22.00       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#2            | 22.13       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#5            | 22.24       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#0            | 21.99       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#1            | 22.05       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 3RB#3            | 22.07       | 34.8       | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 22.12       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 22.55       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#2            | 22.58       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#5            | 22.57       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#0            | 22.36       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#1            | 22.47       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 3RB#3            | 22.32       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 22.50       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 21.89       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#2            | 22.37       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#5            | 22.18       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#0            | 21.84       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#1            | 22.16       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 3RB#3            | 22.03       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 22.17       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 22.01       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#2            | 22.08       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#5            | 22.23       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 3RB#0            | 21.87       | 34.8       | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 3RB#1            | 22.02       | 34.8       | PASS    |

|        |        |       |       |        |       |      |      |
|--------|--------|-------|-------|--------|-------|------|------|
| Band12 | 1.4MHz | 16QAM | 23173 | 3RB#3  | 21.99 | 34.8 | PASS |
| Band12 | 1.4MHz | 16QAM | 23173 | 6RB#0  | 22.09 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#0  | 22.20 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#8  | 22.43 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 1RB#14 | 21.86 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#0  | 22.43 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#4  | 22.35 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 8RB#7  | 22.21 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23025 | 15RB#0 | 22.31 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#0  | 21.60 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#8  | 22.01 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 1RB#14 | 21.99 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#0  | 21.94 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#4  | 22.02 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 8RB#7  | 22.14 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23095 | 15RB#0 | 22.04 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#0  | 22.19 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#8  | 22.33 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 1RB#14 | 22.41 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#0  | 22.25 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#4  | 22.33 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 8RB#7  | 22.30 | 34.8 | PASS |
| Band12 | 3MHz   | QPSK  | 23165 | 15RB#0 | 22.19 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#0  | 22.51 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#8  | 22.43 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 1RB#14 | 22.09 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#0  | 22.54 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#4  | 22.30 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 8RB#7  | 22.31 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23025 | 15RB#0 | 22.31 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#0  | 21.61 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#8  | 22.45 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 1RB#14 | 21.96 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#0  | 21.92 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#4  | 22.04 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 8RB#7  | 22.03 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23095 | 15RB#0 | 22.07 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#0  | 22.21 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#8  | 22.00 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 1RB#14 | 22.37 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 8RB#0  | 22.31 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 8RB#4  | 22.31 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 8RB#7  | 22.31 | 34.8 | PASS |
| Band12 | 3MHz   | 16QAM | 23165 | 15RB#0 | 22.18 | 34.8 | PASS |

|        |       |       |       |         |       |      |      |
|--------|-------|-------|-------|---------|-------|------|------|
| Band12 | 5MHz  | QPSK  | 23035 | 1RB#0   | 22.54 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 1RB#12  | 22.07 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 1RB#24  | 22.37 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 12RB#0  | 22.43 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 12RB#6  | 22.34 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 12RB#13 | 22.26 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23035 | 25RB#0  | 22.35 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#0   | 22.18 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#12  | 22.29 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 1RB#24  | 22.61 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#0  | 22.24 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#6  | 22.33 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 12RB#13 | 22.45 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23095 | 25RB#0  | 22.46 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#0   | 22.54 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#12  | 22.35 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 1RB#24  | 22.48 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#0  | 22.31 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#6  | 22.44 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 12RB#13 | 22.39 | 34.8 | PASS |
| Band12 | 5MHz  | QPSK  | 23155 | 25RB#0  | 22.36 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#0   | 22.24 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#12  | 21.84 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 1RB#24  | 22.19 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#0  | 22.57 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#6  | 22.28 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 12RB#13 | 22.37 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23035 | 25RB#0  | 22.35 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#0   | 22.53 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#12  | 22.59 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 1RB#24  | 22.85 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#0  | 22.42 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#6  | 22.35 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 12RB#13 | 22.57 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23095 | 25RB#0  | 22.39 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#0   | 22.30 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#12  | 22.17 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 1RB#24  | 22.24 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#0  | 22.54 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#6  | 22.39 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 12RB#13 | 22.45 | 34.8 | PASS |
| Band12 | 5MHz  | 16QAM | 23155 | 25RB#0  | 22.39 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#0   | 20.88 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 1RB#24  | 22.05 | 34.8 | PASS |

|        |       |       |       |         |       |      |      |
|--------|-------|-------|-------|---------|-------|------|------|
| Band12 | 10MHz | QPSK  | 23060 | 1RB#49  | 20.90 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#0  | 21.89 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#12 | 22.07 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 25RB#25 | 22.02 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23060 | 50RB#0  | 21.94 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#0   | 20.98 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#24  | 22.36 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 1RB#49  | 21.14 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#0  | 22.25 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#12 | 22.46 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 25RB#25 | 22.43 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0  | 22.28 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0   | 20.91 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#24  | 22.88 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#49  | 21.38 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#0  | 22.53 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#12 | 22.61 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 25RB#25 | 22.45 | 34.8 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0  | 22.33 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0   | 21.08 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#24  | 22.04 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#49  | 21.08 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#0  | 22.12 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#12 | 22.16 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 25RB#25 | 22.10 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0   | 20.99 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#24  | 22.75 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#49  | 21.15 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#0  | 22.26 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#12 | 22.49 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 25RB#25 | 22.44 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0   | 20.98 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#24  | 22.43 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#49  | 21.37 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#0  | 22.55 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#12 | 22.58 | 34.8 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 25RB#25 | 22.52 | 34.8 | PASS |

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

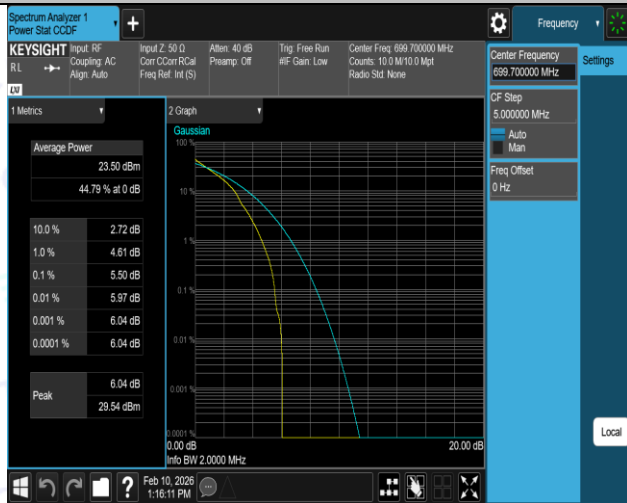
### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Result(dB) | Limit(dB) | Verdict |
|--------|-----------|------------|---------|------------------|------------|-----------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 1RB#0            | 5.50       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 8.41       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 1RB#0            | 5.89       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 5.96       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 1RB#0            | 5.82       | 13        | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 5.91       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 1RB#0            | 5.99       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 8.43       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 1RB#0            | 6.77       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 6.43       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 1RB#0            | 6.73       | 13        | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 6.43       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 1RB#0            | 5.87       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 5.77       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 1RB#0            | 6.03       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 5.80       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 1RB#0            | 6.06       | 13        | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 5.87       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 1RB#0            | 6.22       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 6.43       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 1RB#0            | 6.66       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 6.43       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 1RB#0            | 6.63       | 13        | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 6.53       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 1RB#0            | 5.65       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 5.82       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 1RB#0            | 5.75       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 5.83       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 1RB#0            | 5.62       | 13        | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 5.97       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 1RB#0            | 6.06       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 6.40       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 1RB#0            | 6.36       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 6.33       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 1RB#0            | 6.14       | 13        | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 6.49       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 1RB#0            | 6.06       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 6.07       | 13        | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 1RB#0            | 6.12       | 13        | PASS    |

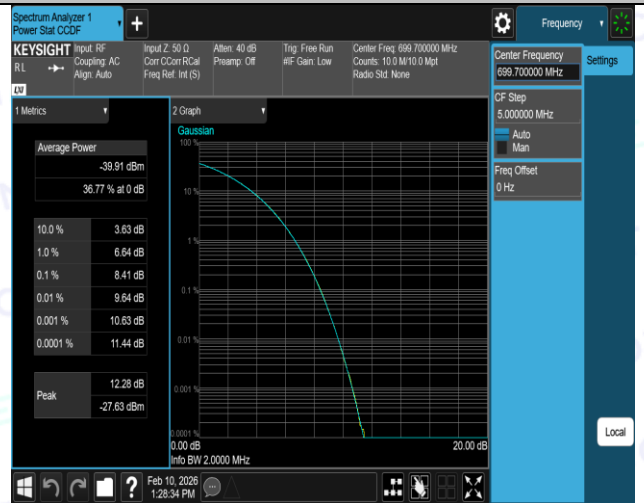
|        |       |       |       |        |      |    |      |
|--------|-------|-------|-------|--------|------|----|------|
| Band12 | 10MHz | QPSK  | 23095 | 50RB#0 | 5.74 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 1RB#0  | 6.11 | 13 | PASS |
| Band12 | 10MHz | QPSK  | 23130 | 50RB#0 | 5.36 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23060 | 1RB#0  | 6.66 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23095 | 1RB#0  | 6.83 | 13 | PASS |
| Band12 | 10MHz | 16QAM | 23130 | 1RB#0  | 6.79 | 13 | PASS |

## Test Graphs

Band12-1.4MHz-QPSK-23017-1RB#0-PASS



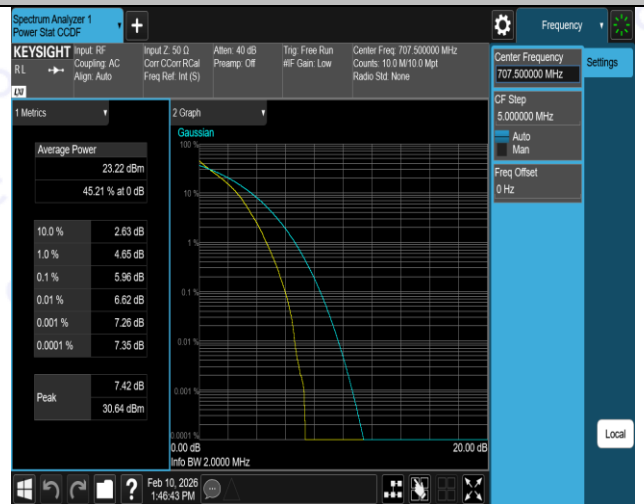
Band12-1.4MHz-QPSK-23017-6RB#0-PASS



Band12-1.4MHz-QPSK-23095-1RB#0-PASS



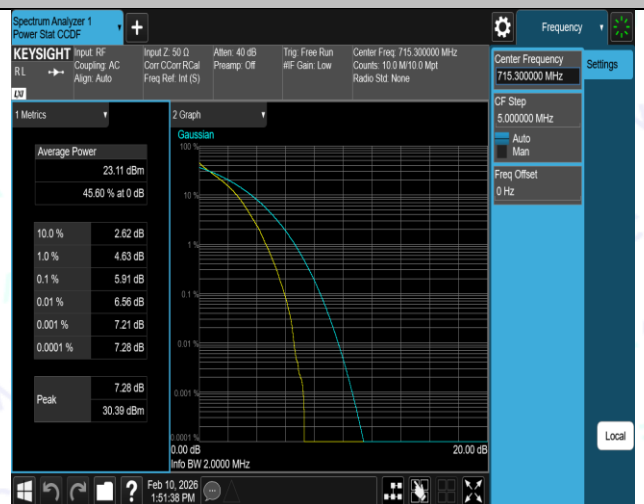
Band12-1.4MHz-QPSK-23095-6RB#0-PASS



Band12-1.4MHz-QPSK-23173-1RB#0-PASS



Band12-1.4MHz-QPSK-23173-6RB#0-PASS

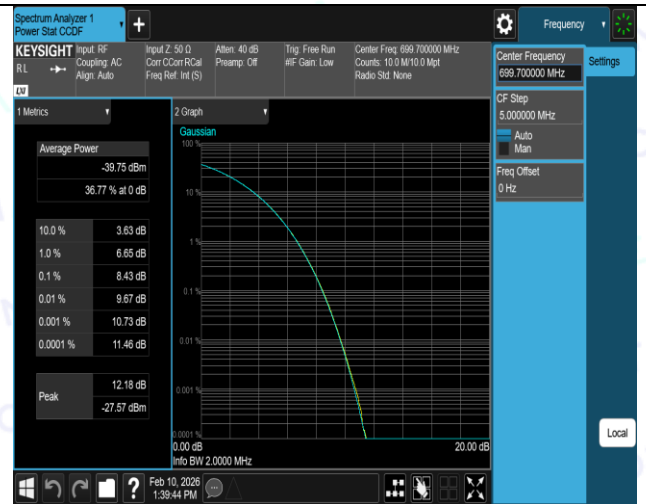


Band12-1.4MHz-16QAM-23017-1RB#0-PASS

Band12-1.4MHz-16QAM-23017-6RB#0-PASS



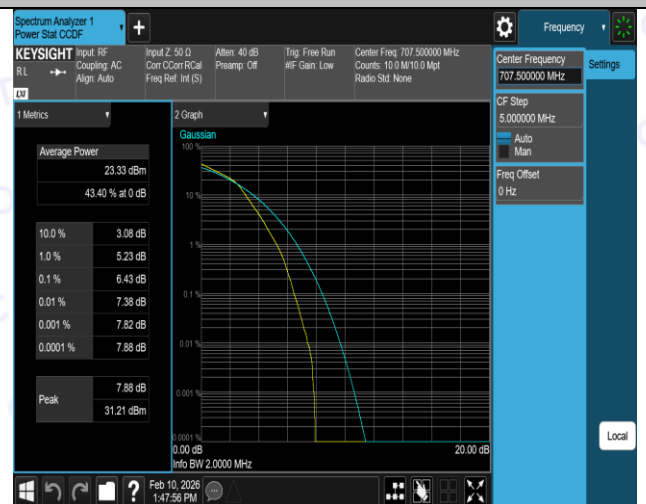
Band12-1.4MHz-16QAM-23095-1RB#0-PASS



Band12-1.4MHz-16QAM-23095-6RB#0-PASS



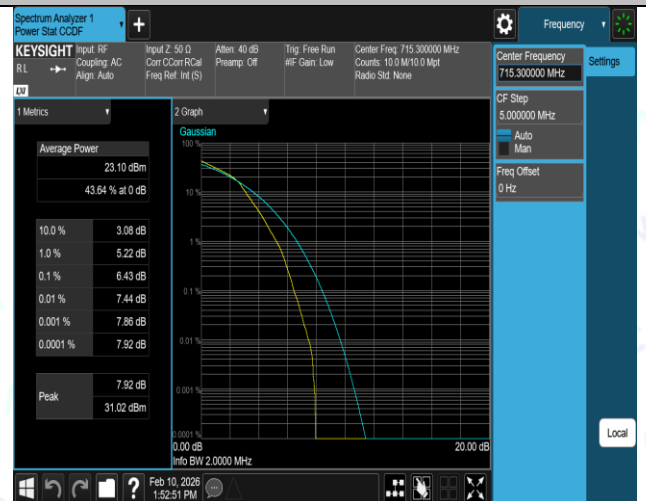
Band12-1.4MHz-16QAM-23173-1RB#0-PASS



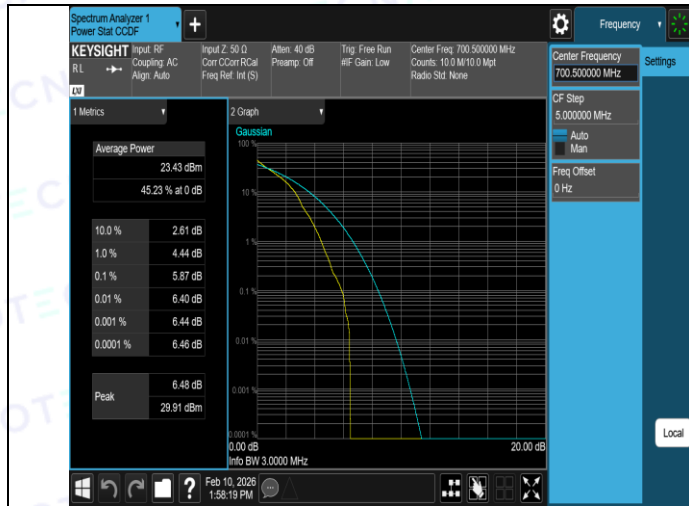
Band12-1.4MHz-16QAM-23173-6RB#0-PASS



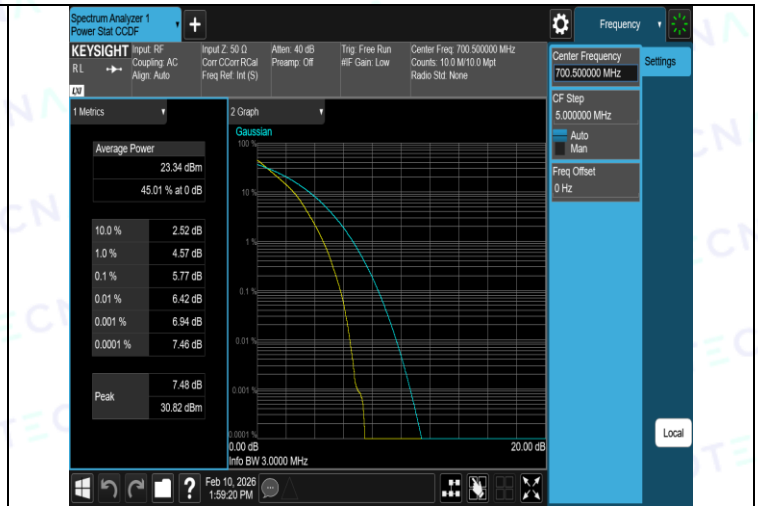
Band12-3MHz-QPSK-23025-1RB#0-PASS



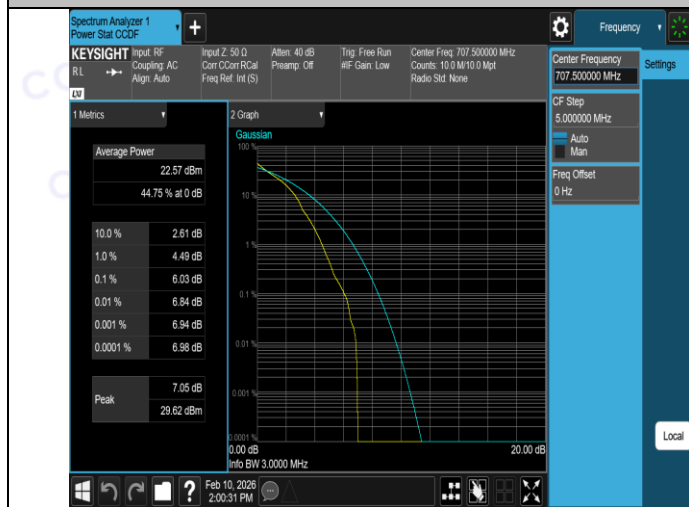
Band12-3MHz-QPSK-23025-15RB#0-PASS



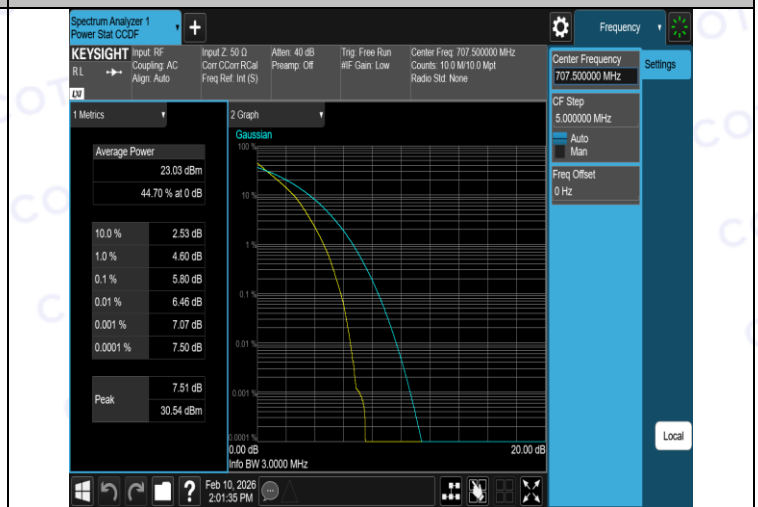
Band12-3MHz-QPSK-23095-1RB#0-PASS



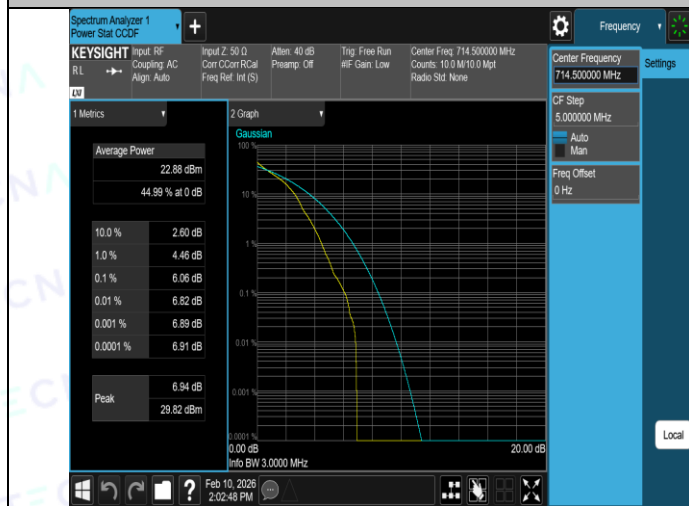
Band12-3MHz-QPSK-23095-15RB#0-PASS



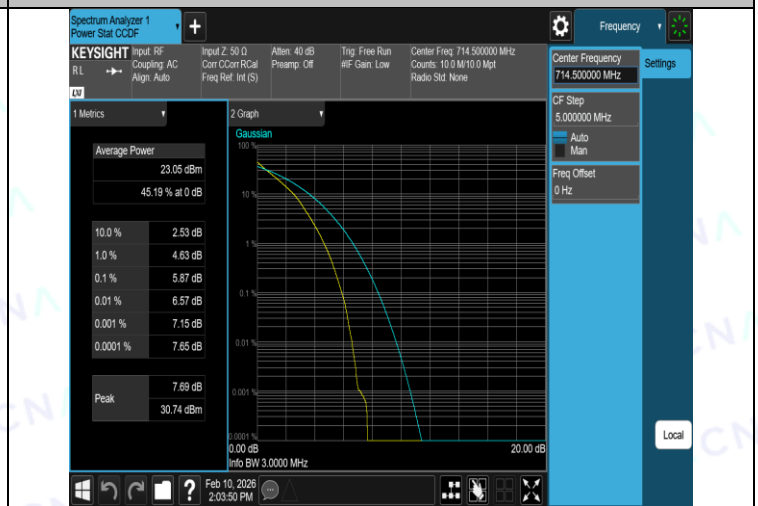
Band12-3MHz-QPSK-23165-1RB#0-PASS



Band12-3MHz-QPSK-23165-15RB#0-PASS



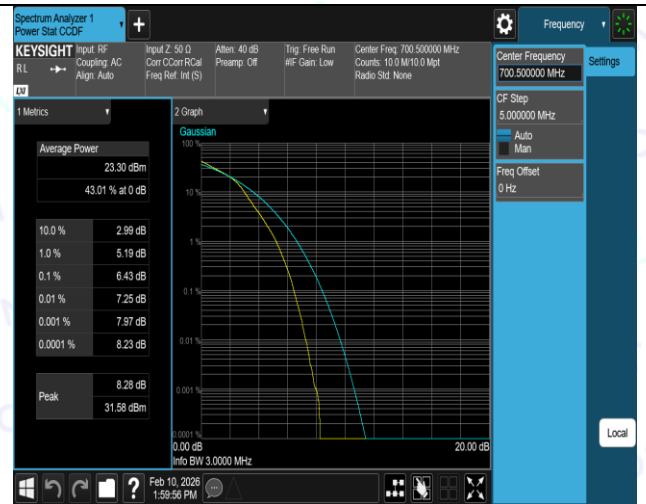
Band12-3MHz-16QAM-23025-1RB#0-PASS



Band12-3MHz-16QAM-23025-15RB#0-PASS



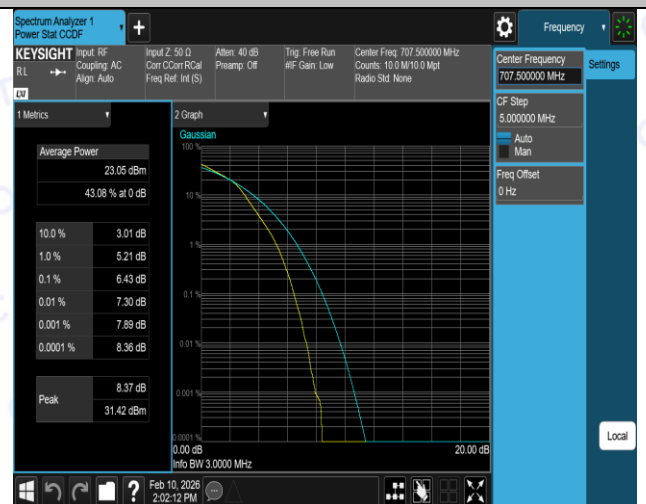
Band12-3MHz-16QAM-23095-1RB#0-PASS



Band12-3MHz-16QAM-23095-15RB#0-PASS



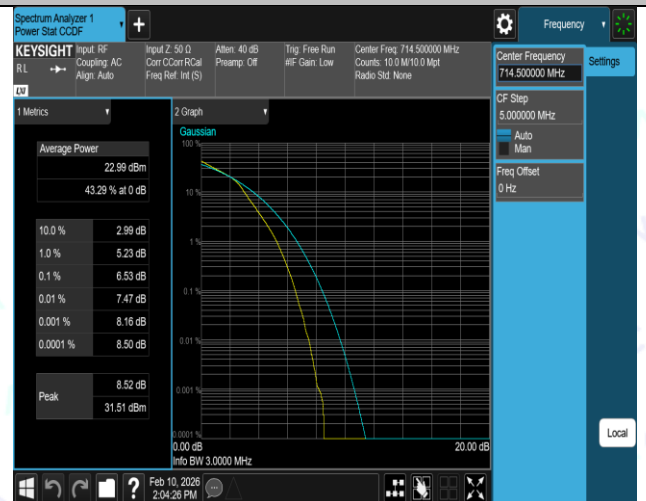
Band12-3MHz-16QAM-23165-1RB#0-PASS



Band12-3MHz-16QAM-23165-15RB#0-PASS



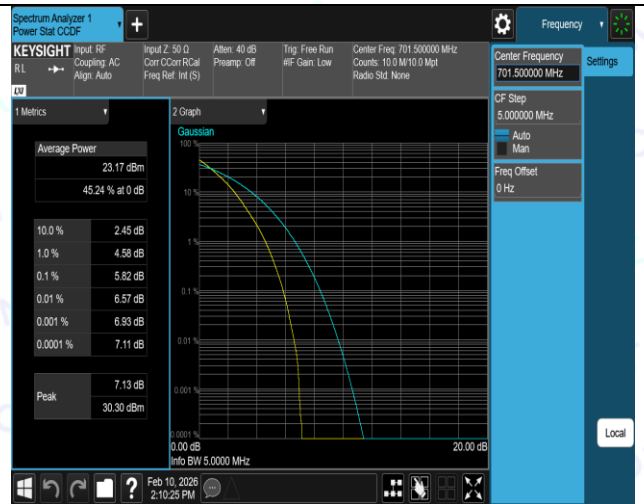
Band12-5MHz-QPSK-23035-1RB#0-PASS



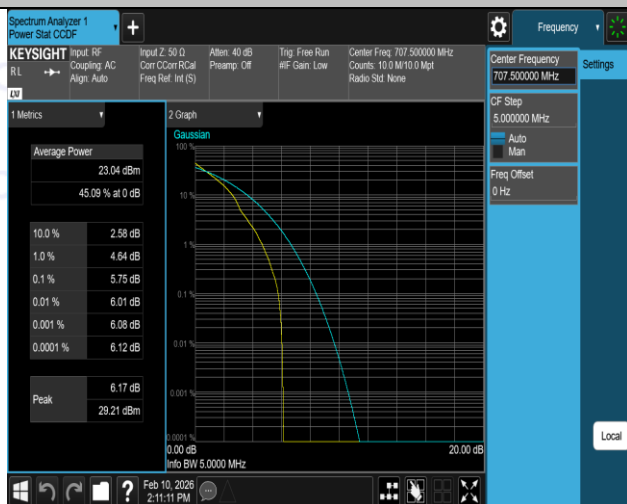
Band12-5MHz-QPSK-23035-25RB#0-PASS



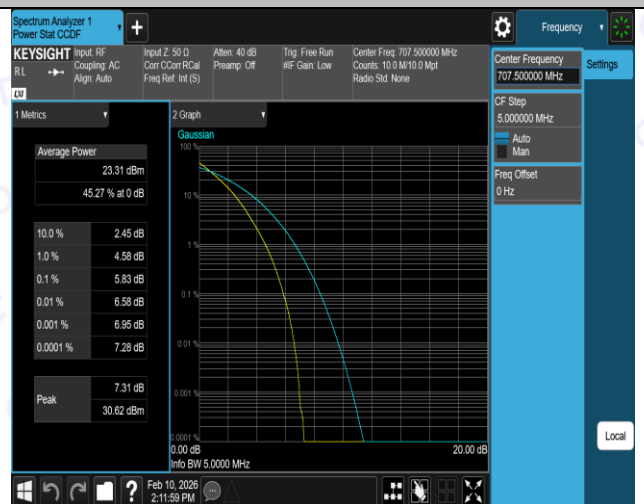
Band12-5MHz-QPSK-23095-1RB#0-PASS



Band12-5MHz-QPSK-23095-25RB#0-PASS



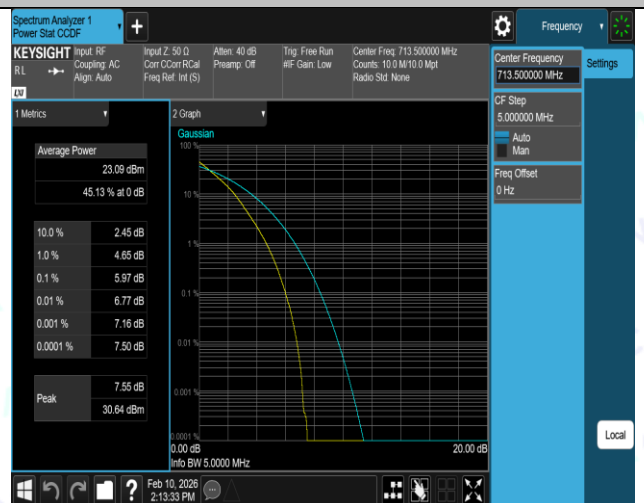
Band12-5MHz-QPSK-23155-1RB#0-PASS



Band12-5MHz-QPSK-23155-25RB#0-PASS



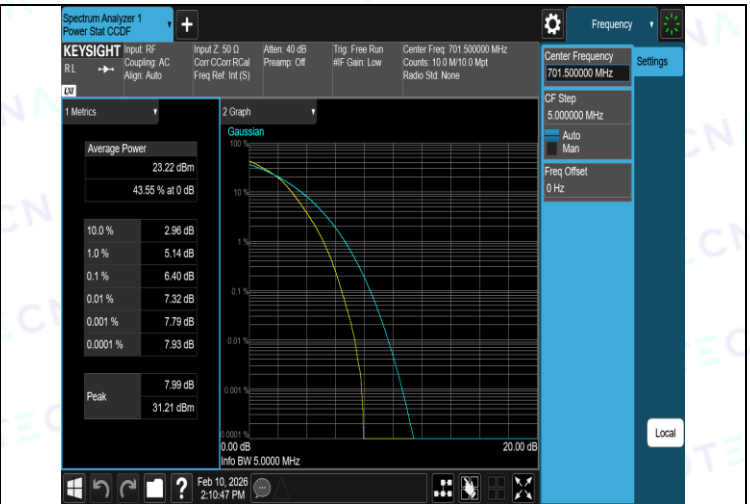
Band12-5MHz-16QAM-23035-1RB#0-PASS



Band12-5MHz-16QAM-23035-25RB#0-PASS



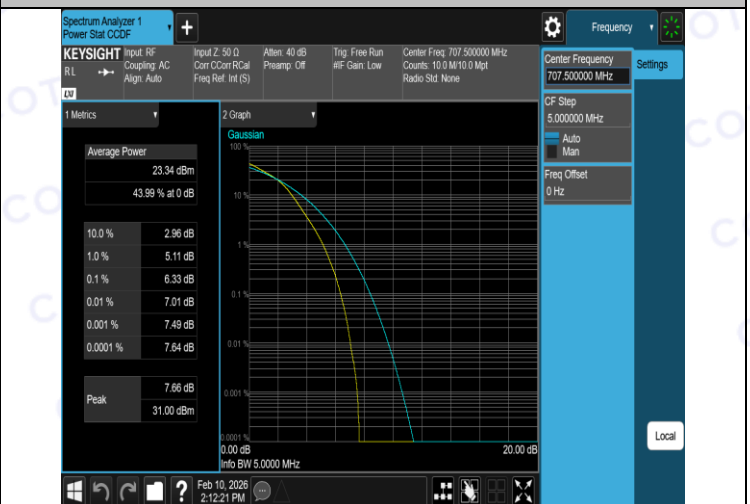
Band12-5MHz-16QAM-23095-1RB#0-PASS



Band12-5MHz-16QAM-23095-25RB#0-PASS



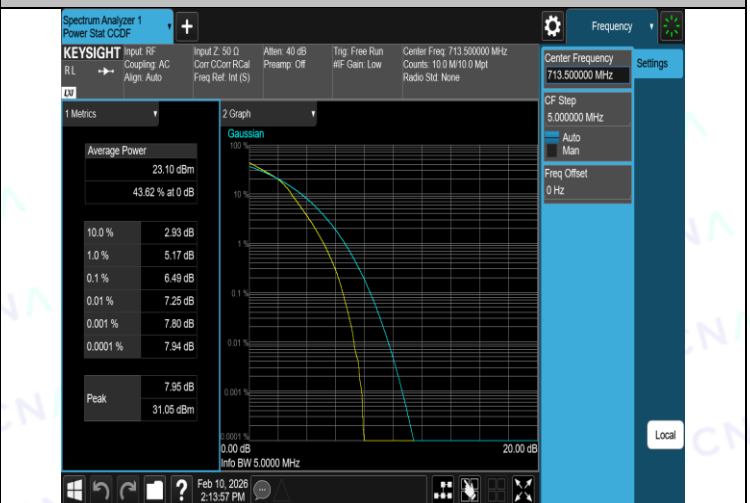
Band12-5MHz-16QAM-23155-1RB#0-PASS



Band12-5MHz-16QAM-23155-25RB#0-PASS



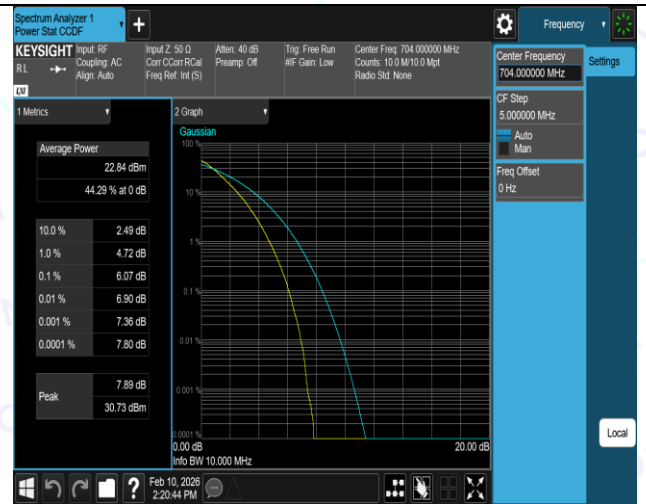
Band12-10MHz-QPSK-23060-1RB#0-PASS



Band12-10MHz-QPSK-23060-50RB#0-PASS



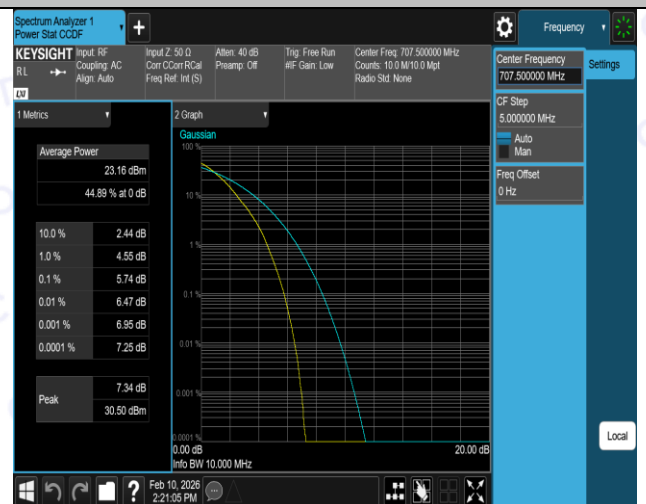
Band12-10MHz-QPSK-23095-1RB#0-PASS



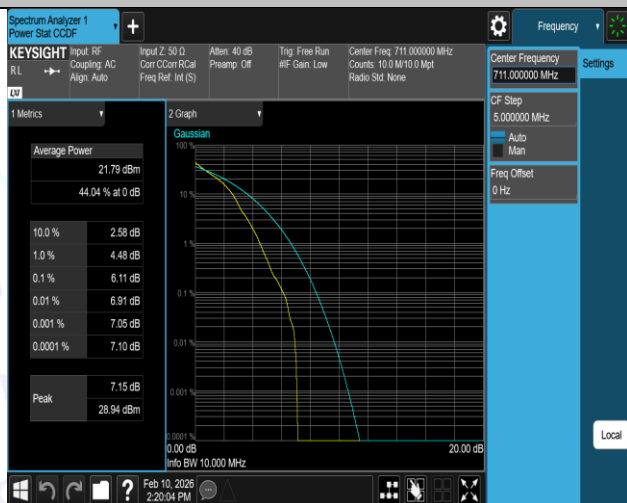
Band12-10MHz-QPSK-23095-50RB#0-PASS



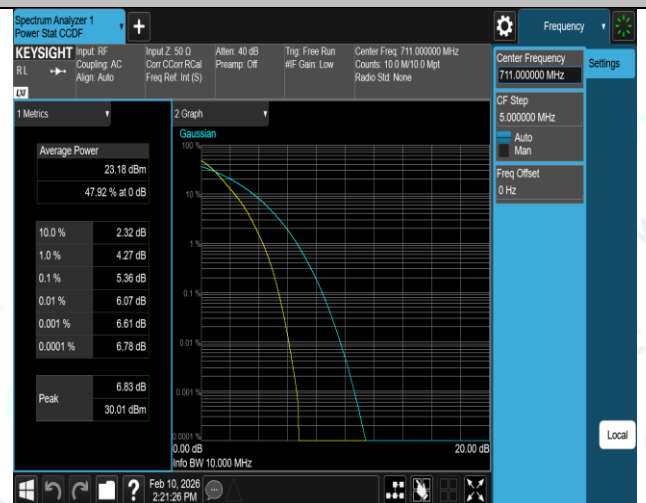
Band12-10MHz-QPSK-23130-1RB#0-PASS



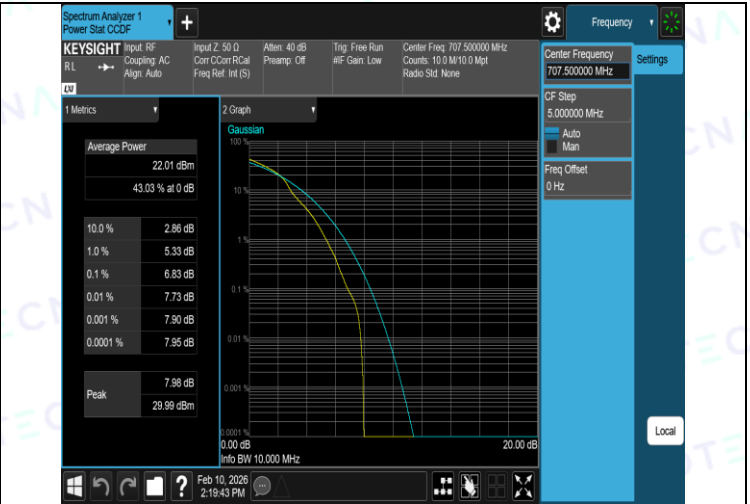
Band12-10MHz-QPSK-23130-50RB#0-PASS



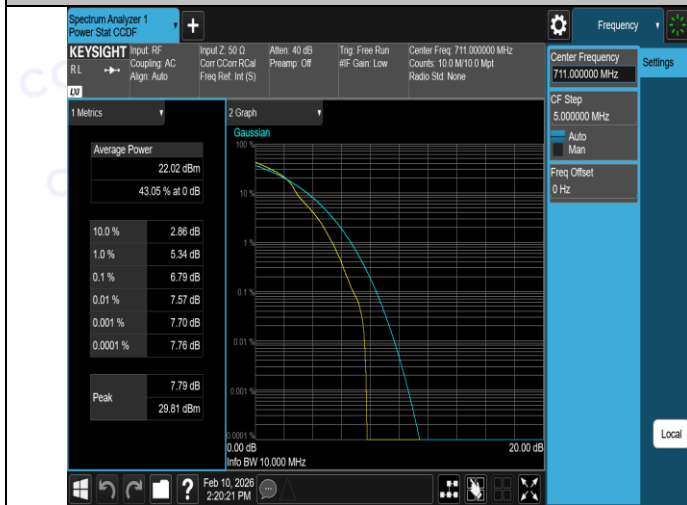
Band12-10MHz-16QAM-23060-1RB#0-PASS



Band12-10MHz-16QAM-23095-1RB#0-PASS



Band12-10MHz-16QAM-23130-1RB#0-PASS



### 3: 26dB Bandwidth and Occupied Bandwidth

#### Test Result

| Band   | Bandwidth | Modulation | Channel | RB Configuration | Occupied Bandwidth (MHz) | 26dB Bandwidth (MHz) | Verdict |
|--------|-----------|------------|---------|------------------|--------------------------|----------------------|---------|
| Band12 | 1.4MHz    | QPSK       | 23017   | 6RB#0            | 1.0899                   | 1.291                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23095   | 6RB#0            | 1.0937                   | 1.290                | PASS    |
| Band12 | 1.4MHz    | QPSK       | 23173   | 6RB#0            | 1.0942                   | 1.293                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23017   | 6RB#0            | 1.0915                   | 1.296                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23095   | 6RB#0            | 1.0939                   | 1.289                | PASS    |
| Band12 | 1.4MHz    | 16QAM      | 23173   | 6RB#0            | 1.0943                   | 1.295                | PASS    |
| Band12 | 3MHz      | QPSK       | 23025   | 15RB#0           | 2.6923                   | 2.953                | PASS    |
| Band12 | 3MHz      | QPSK       | 23095   | 15RB#0           | 2.6988                   | 2.956                | PASS    |
| Band12 | 3MHz      | QPSK       | 23165   | 15RB#0           | 2.7082                   | 2.966                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23025   | 15RB#0           | 2.7006                   | 2.988                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23095   | 15RB#0           | 2.7069                   | 2.957                | PASS    |
| Band12 | 3MHz      | 16QAM      | 23165   | 15RB#0           | 2.7151                   | 3.017                | PASS    |
| Band12 | 5MHz      | QPSK       | 23035   | 25RB#0           | 4.4993                   | 4.998                | PASS    |
| Band12 | 5MHz      | QPSK       | 23095   | 25RB#0           | 4.5137                   | 5.023                | PASS    |
| Band12 | 5MHz      | QPSK       | 23155   | 25RB#0           | 4.5192                   | 5.053                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23035   | 25RB#0           | 4.4928                   | 4.983                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23095   | 25RB#0           | 4.5016                   | 5.004                | PASS    |
| Band12 | 5MHz      | 16QAM      | 23155   | 25RB#0           | 4.5049                   | 5.029                | PASS    |
| Band12 | 10MHz     | QPSK       | 23060   | 50RB#0           | 8.9869                   | 9.946                | PASS    |
| Band12 | 10MHz     | QPSK       | 23095   | 50RB#0           | 8.9386                   | 9.837                | PASS    |
| Band12 | 10MHz     | QPSK       | 23130   | 50RB#0           | 8.8767                   | 9.765                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23060   | 27RB#0           | 4.9652                   | 5.999                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23095   | 27RB#0           | 5.0465                   | 6.099                | PASS    |
| Band12 | 10MHz     | 16QAM      | 23130   | 27RB#0           | 4.9296                   | 5.893                | PASS    |

## Test Graphs

