

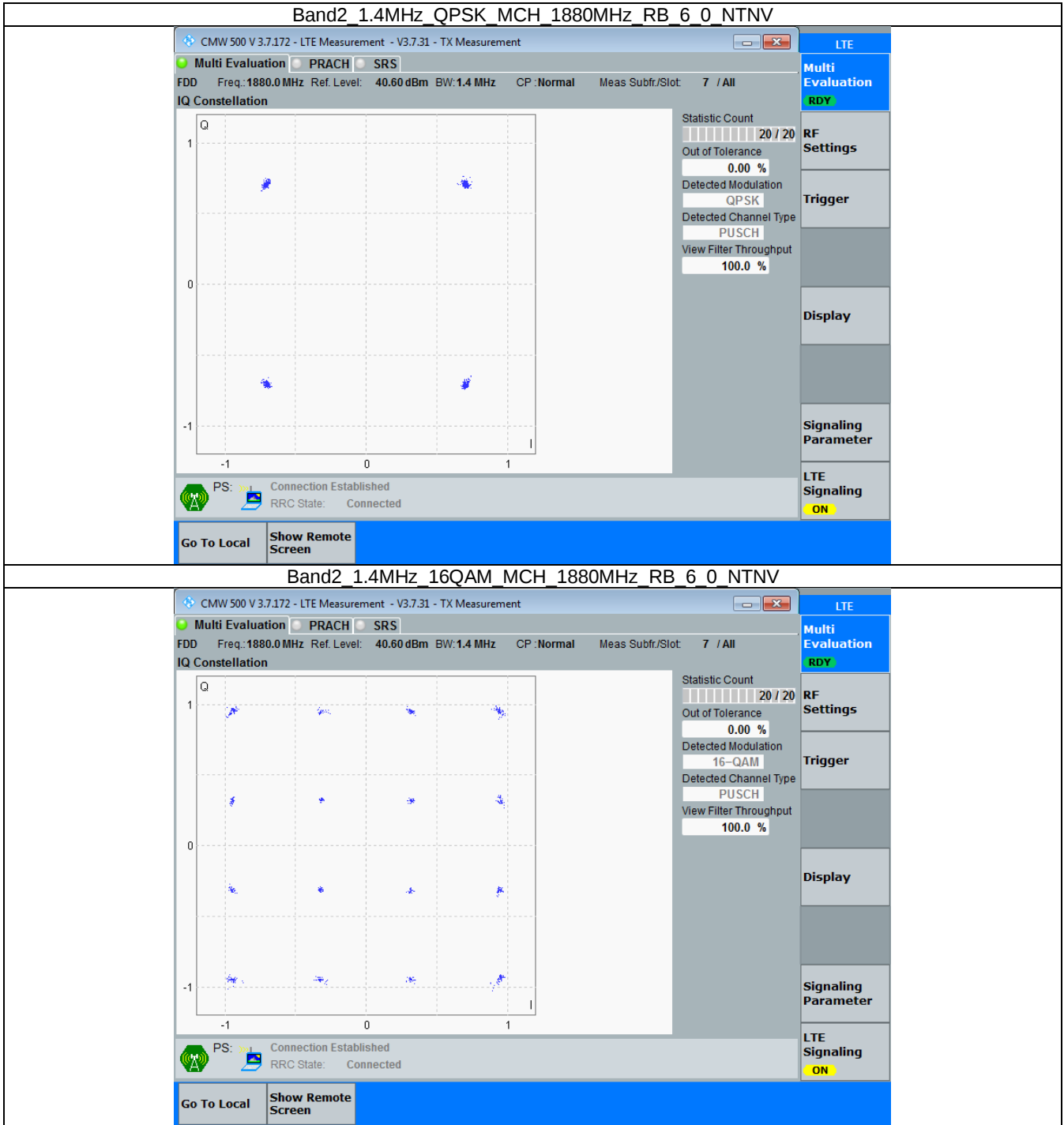
## 1. Modulation Characteristics

### 1.1 B2\_1.4MHz

#### 1.1.1 Test Result

| Band: 2 / Bandwidth: 1.4MHz / NTV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1880            | 6             | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1880            | 6             | 0      | Refer To Test Graph        |       | Pass    |

1.1.2 Test Graph

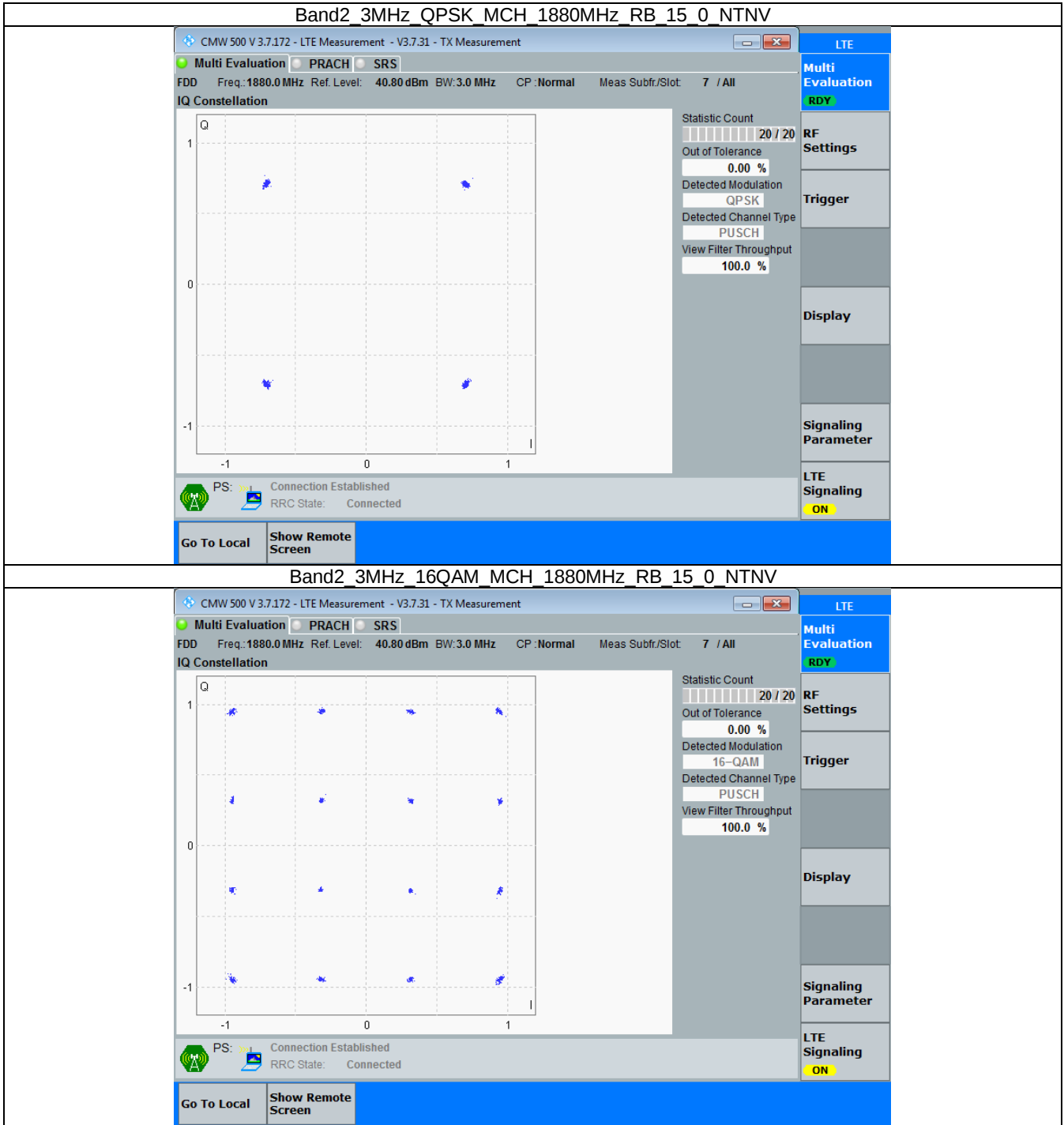


## 1.2 B2\_3MHz

### 1.2.1 Test Result

| Band: 2 / Bandwidth: 3MHz / NTV |                 |               |        |                            |       |         |
|---------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                 |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                            | 1880            | 15            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                           | 1880            | 15            | 0      | Refer To Test Graph        |       | Pass    |

1.2.2 Test Graph

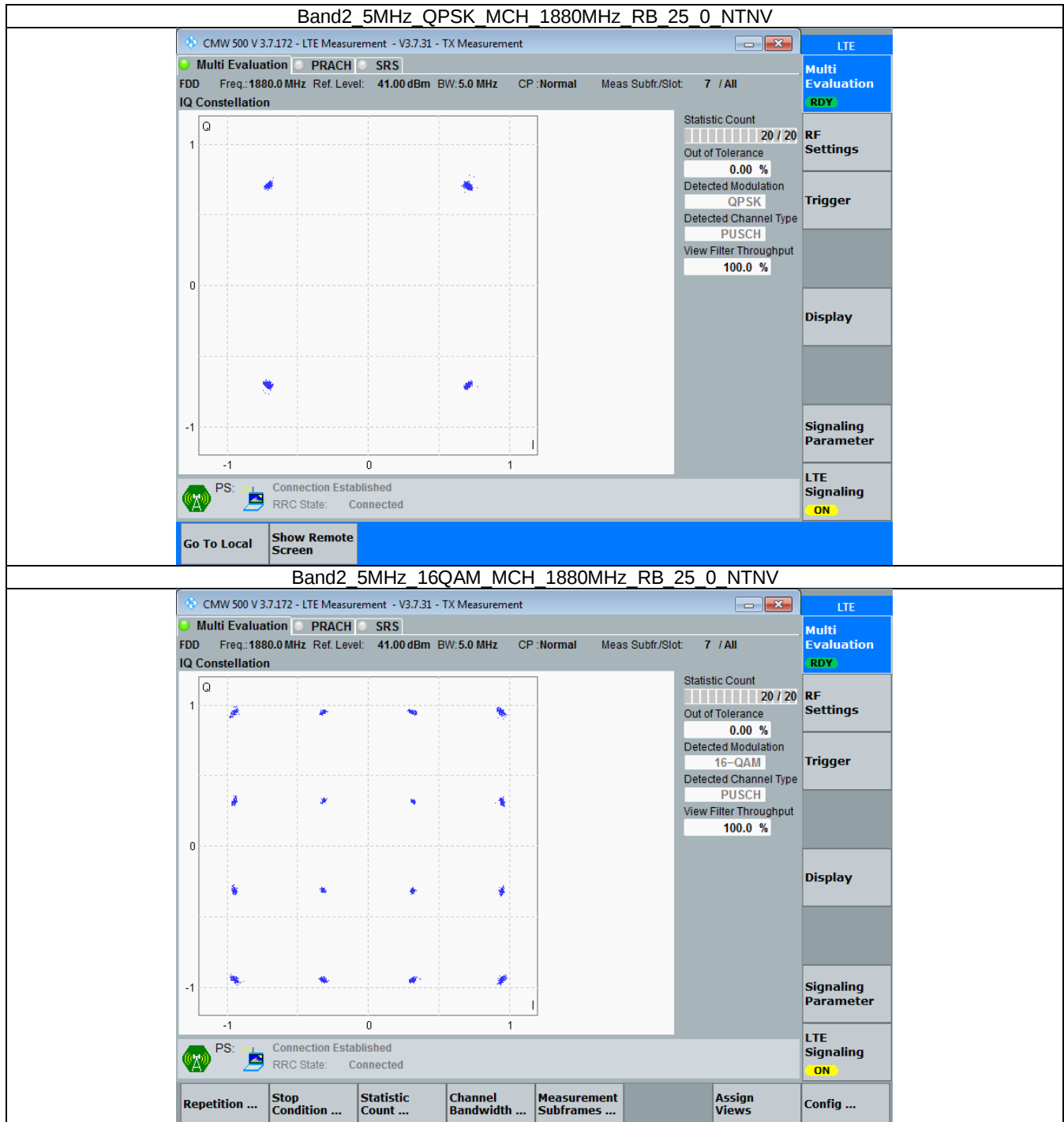


## 1.3 B2\_5MHz

### 1.3.1 Test Result

| Band: 2 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 25            | 0      | Refer To Test Graph        |       | Pass    |

### 1.3.2 Test Graph

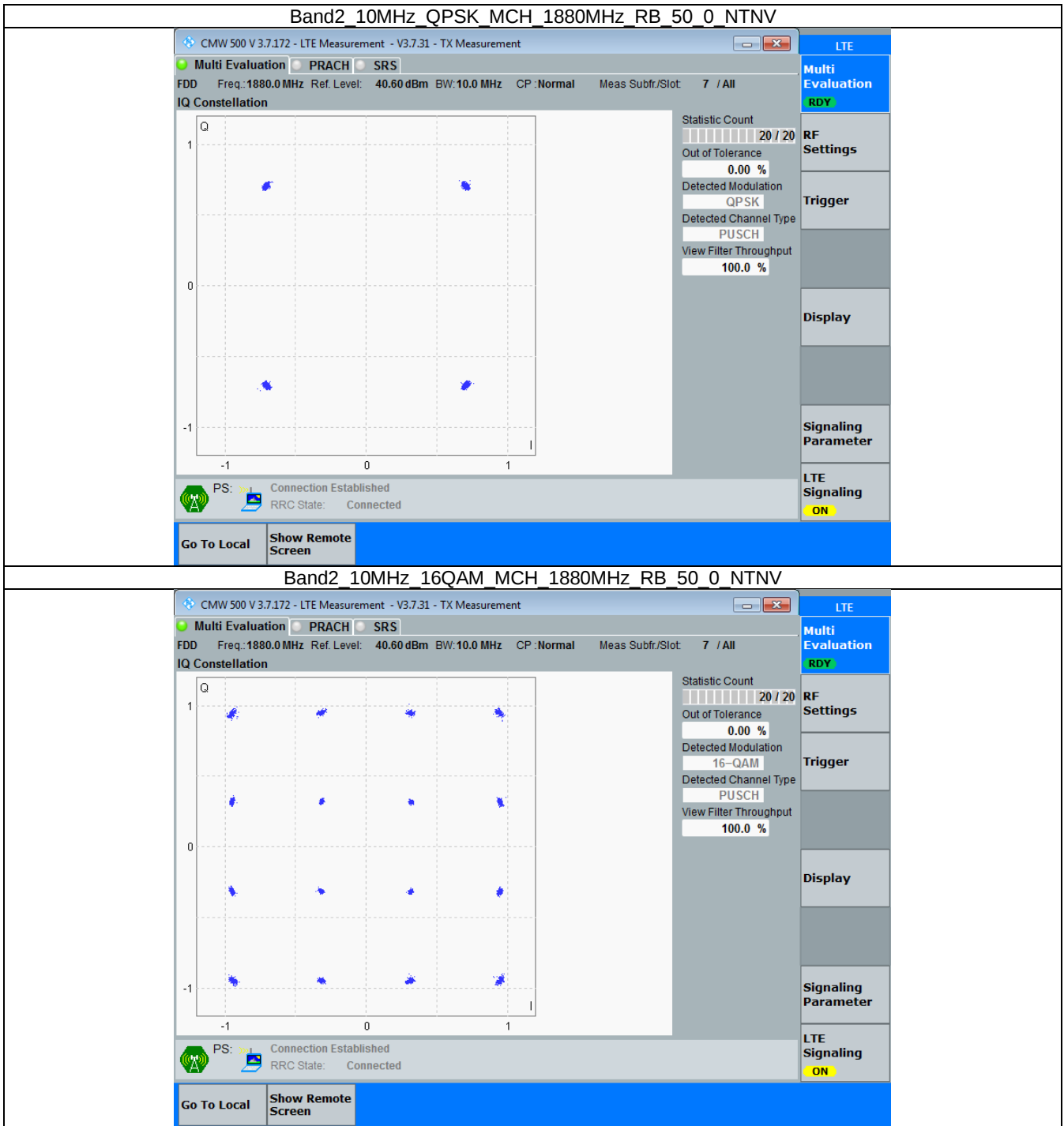


## 1.4 B2\_10MHz

### 1.4.1 Test Result

| Band: 2 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 50            | 0      | Refer To Test Graph        |       | Pass    |

1.4.2 Test Graph

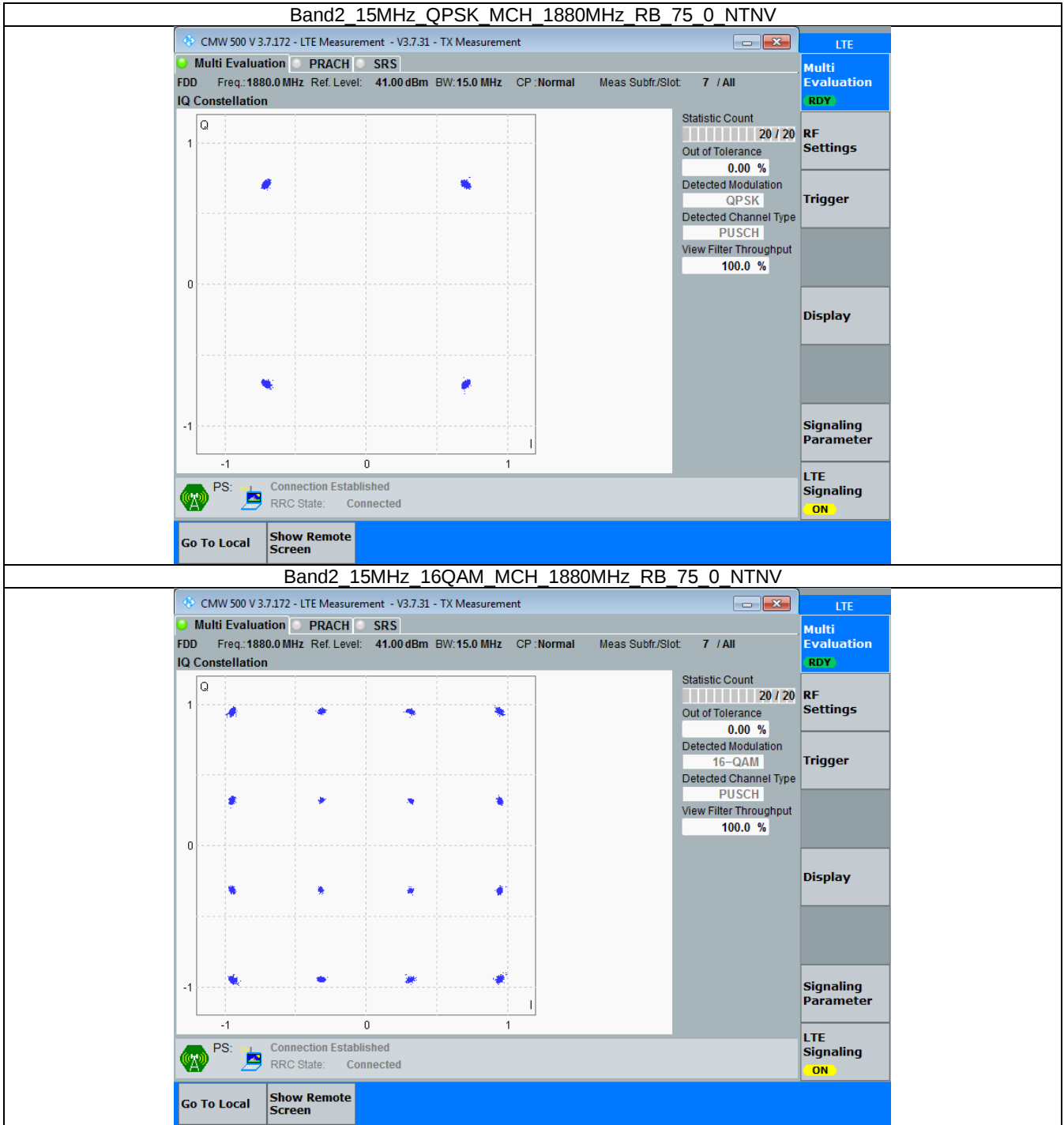


## 1.5 B2\_15MHz

### 1.5.1 Test Result

| Band: 2 / Bandwidth: 15MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 75            | 0      | Refer To Test Graph        |       | Pass    |

1.5.2 Test Graph

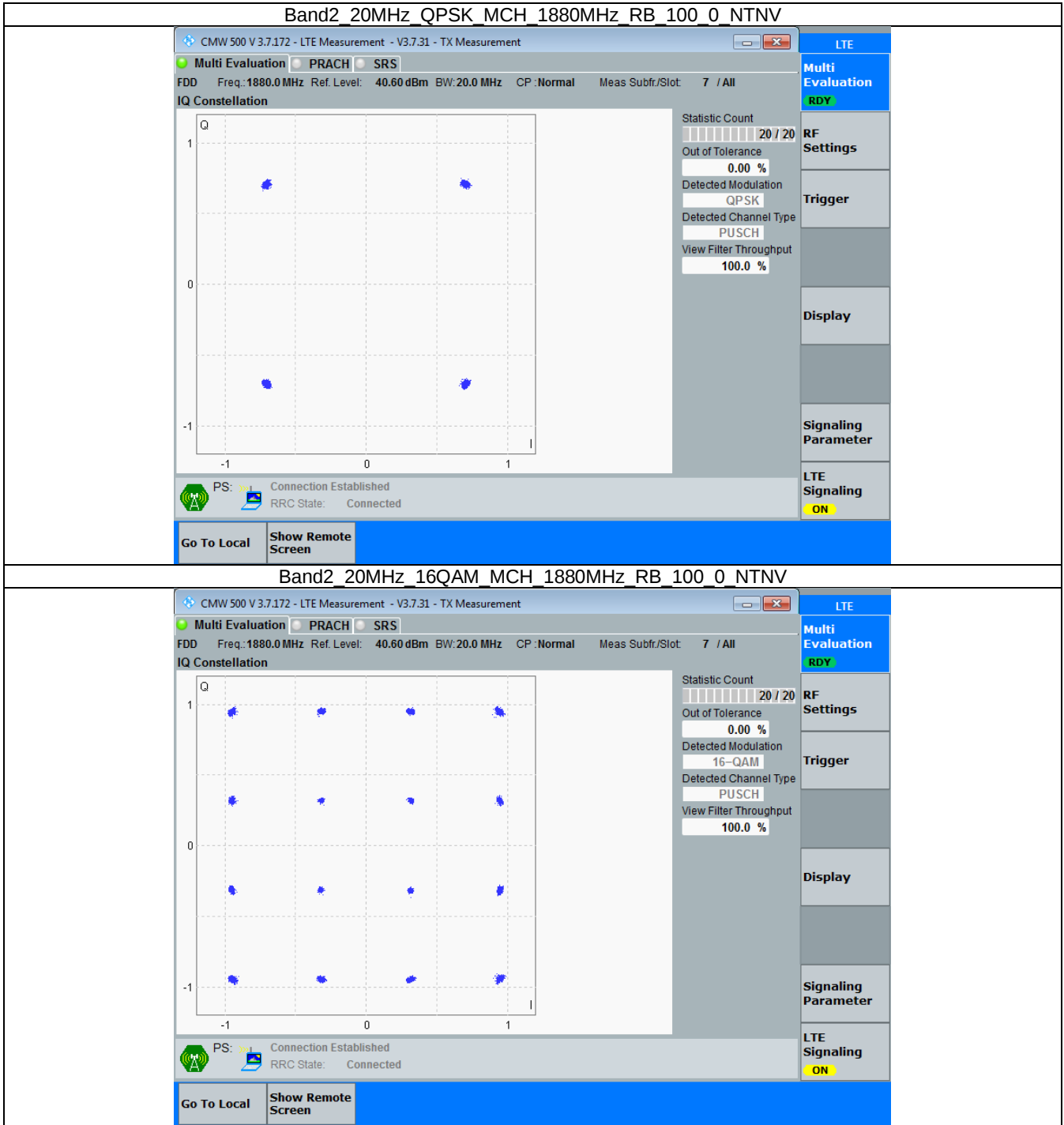


## 1.6 B2\_20MHz

### 1.6.1 Test Result

| Band: 2 / Bandwidth: 20MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1880            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1880            | 100           | 0      | Refer To Test Graph        |       | Pass    |

1.6.2 Test Graph



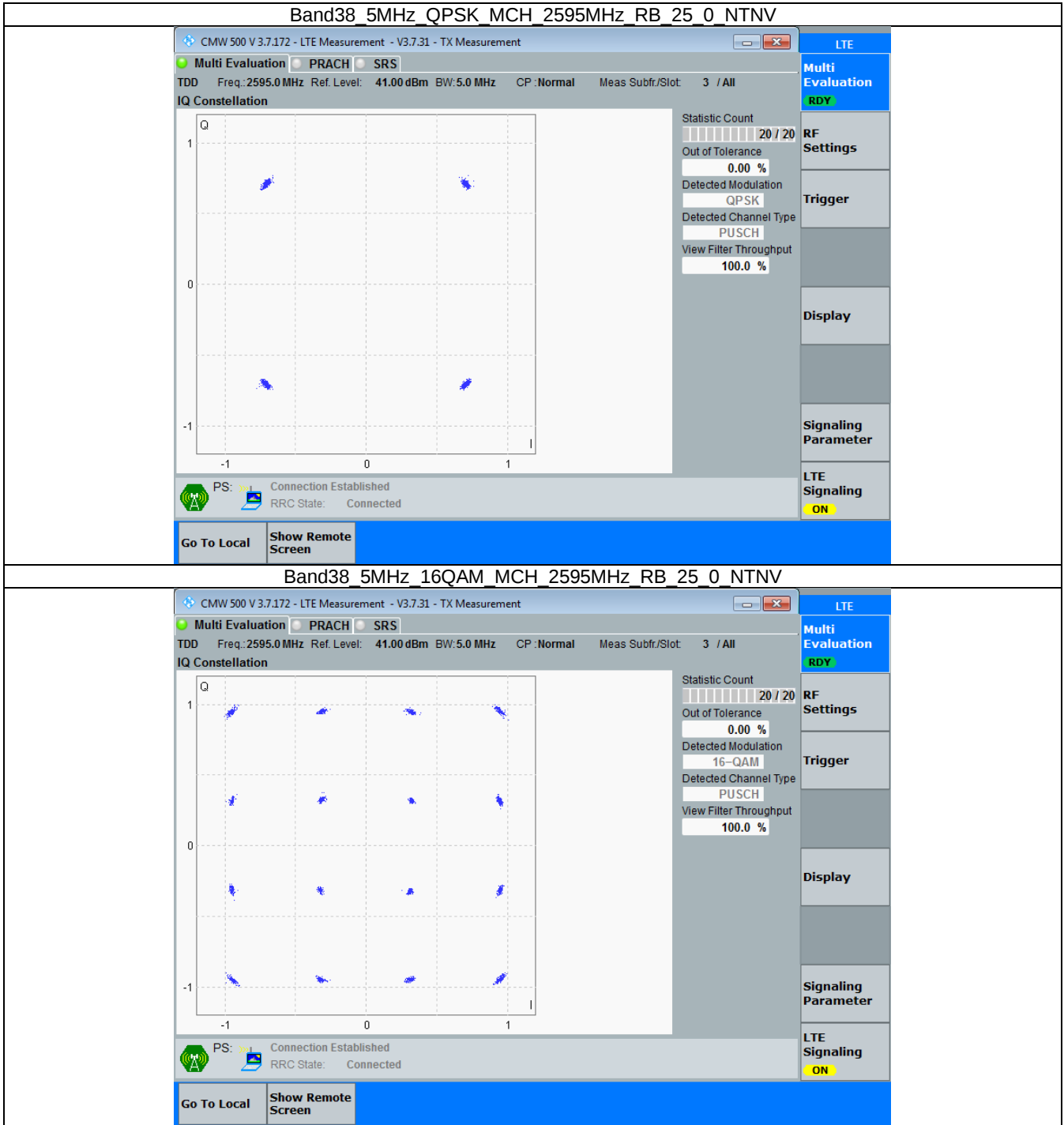
2. Modulation Characteristics

2.1 B38\_5MHz

2.1.1 Test Result

| Band: 38 / Bandwidth: 5MHz / NTNV |                    |               |        |                            |       |
|-----------------------------------|--------------------|---------------|--------|----------------------------|-------|
| Modulation                        | Frequency<br>(MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                   |                    | Size          | Offset | Result                     | Limit |
| QPSK                              | 2595               | 25            | 0      | Refer To Test Graph        | Pass  |
| 16QAM                             | 2595               | 25            | 0      | Refer To Test Graph        | Pass  |

2.1.2 Test Graph

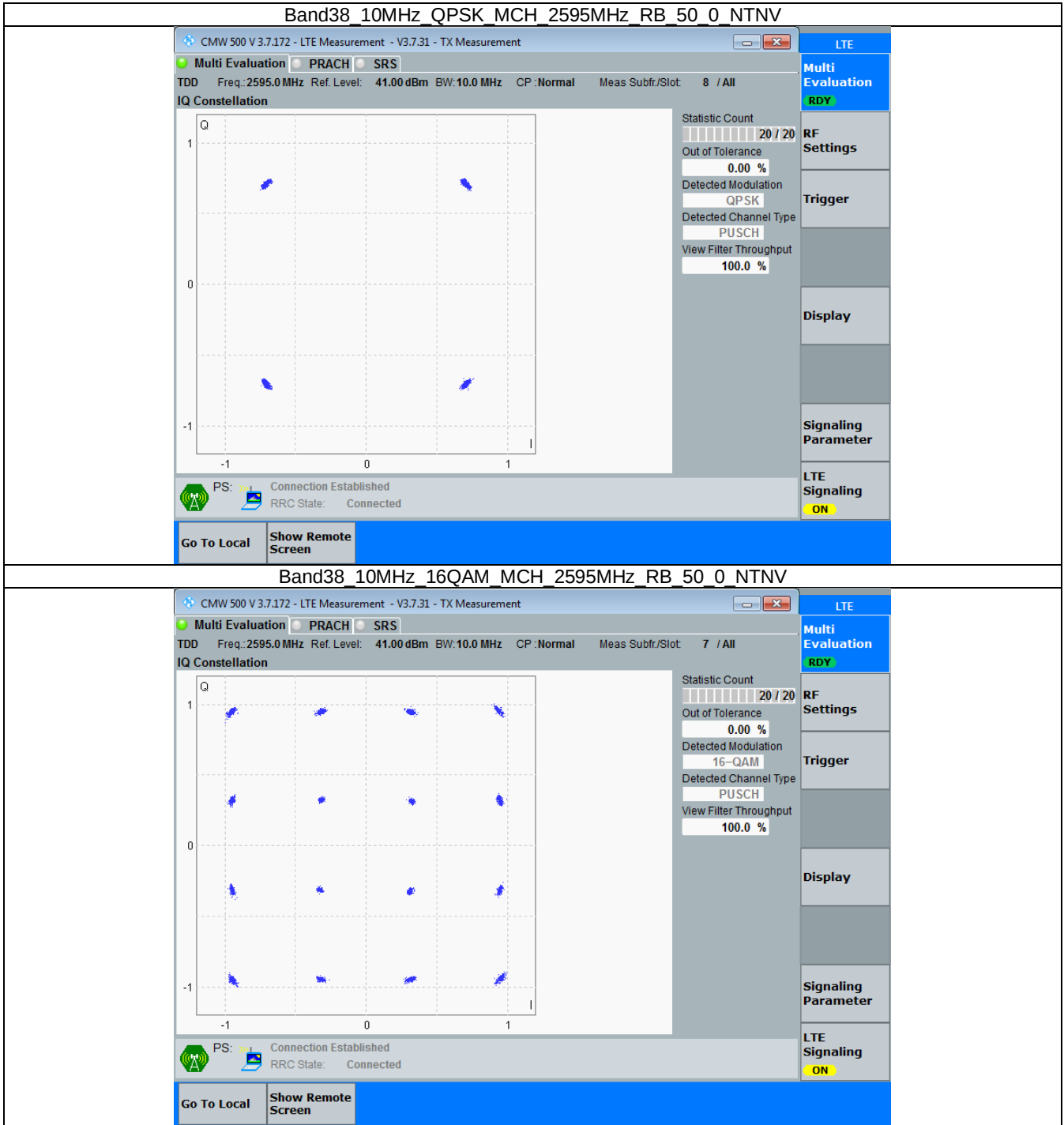


## 2.2 B38\_10MHz

### 2.2.1 Test Result

| Band: 38 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 2595            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 2595            | 50            | 0      | Refer To Test Graph        |       | Pass    |

2.2.2 Test Graph

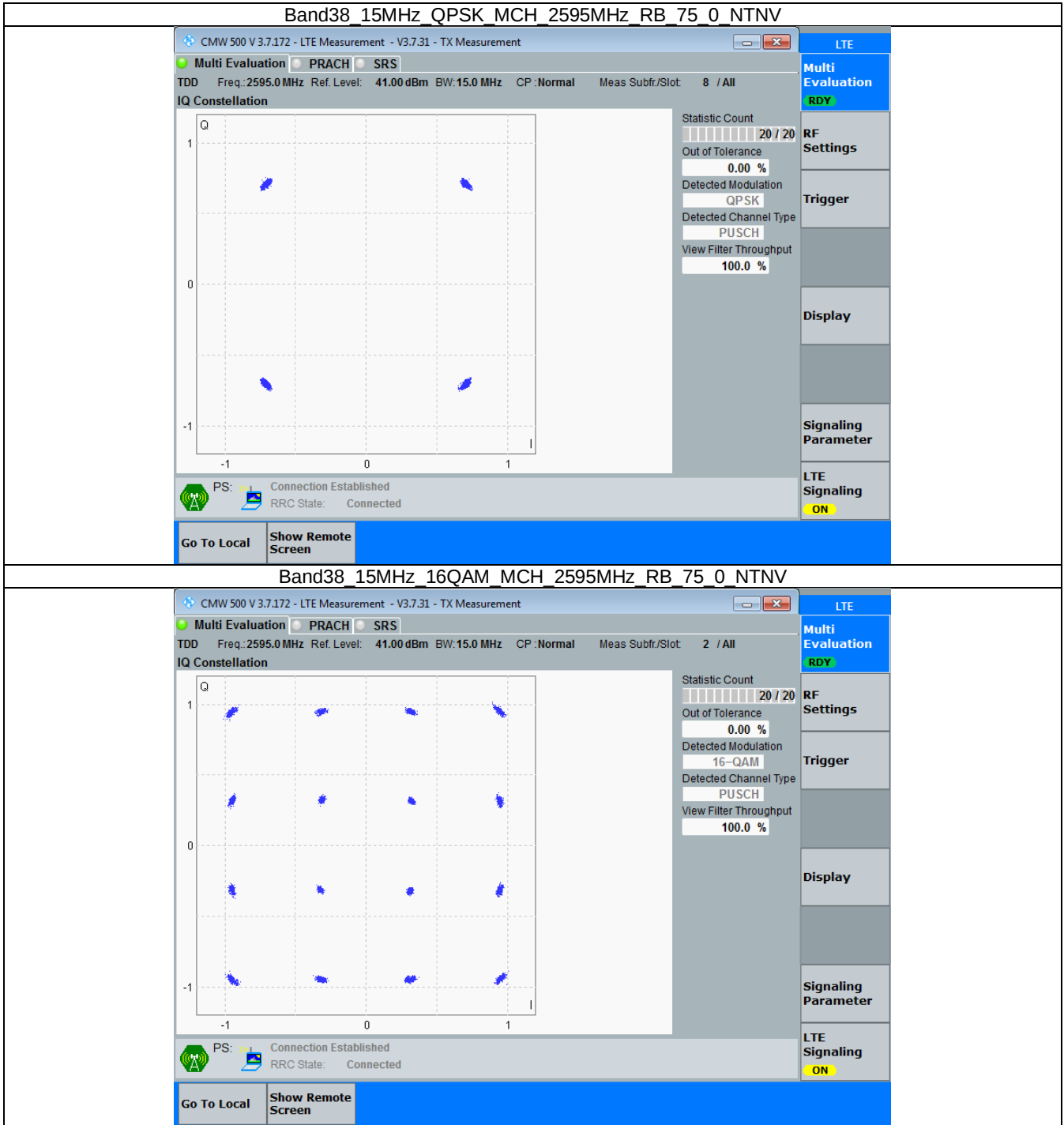


## 2.3 B38\_15MHz

### 2.3.1 Test Result

| Band: 38 / Bandwidth: 15MHz / NTNV |                 |               |        |                            |       |         |
|------------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                         | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                    |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                               | 2595            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                              | 2595            | 75            | 0      | Refer To Test Graph        |       | Pass    |

2.3.2 Test Graph

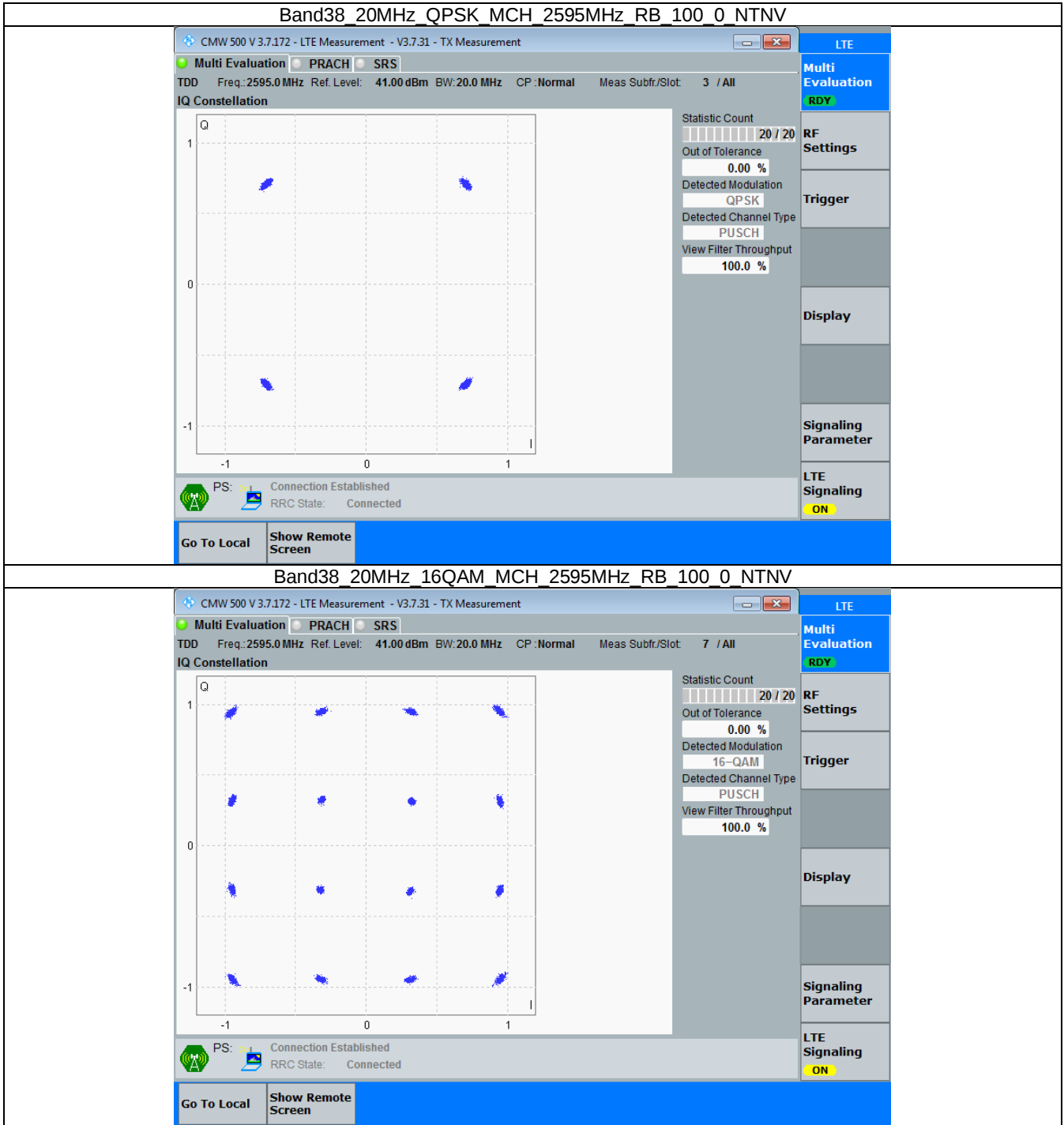


## 2.4 B38\_20MHz

### 2.4.1 Test Result

| Band: 38 / Bandwidth: 20MHz / NTN |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 2595            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 2595            | 100           | 0      | Refer To Test Graph        |       | Pass    |

2.4.2 Test Graph



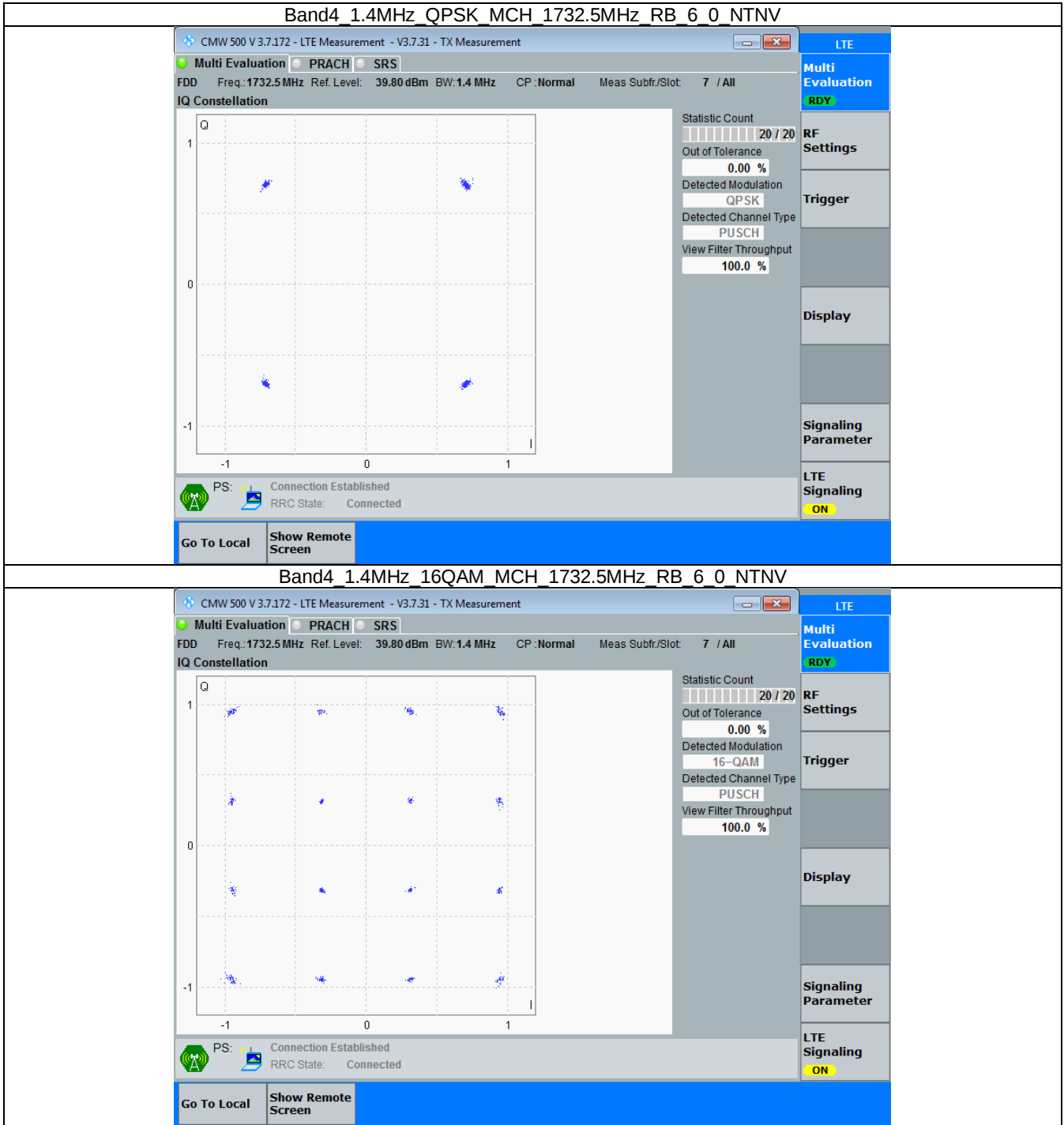
### 3. Modulation Characteristics

#### 3.1 B4\_1.4MHz

##### 3.1.1 Test Result

| Band: 4 / Bandwidth: 1.4MHz / NTV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 1732.5          | 6             | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 1732.5          | 6             | 0      | Refer To Test Graph        |       | Pass    |

3.1.2 Test Graph

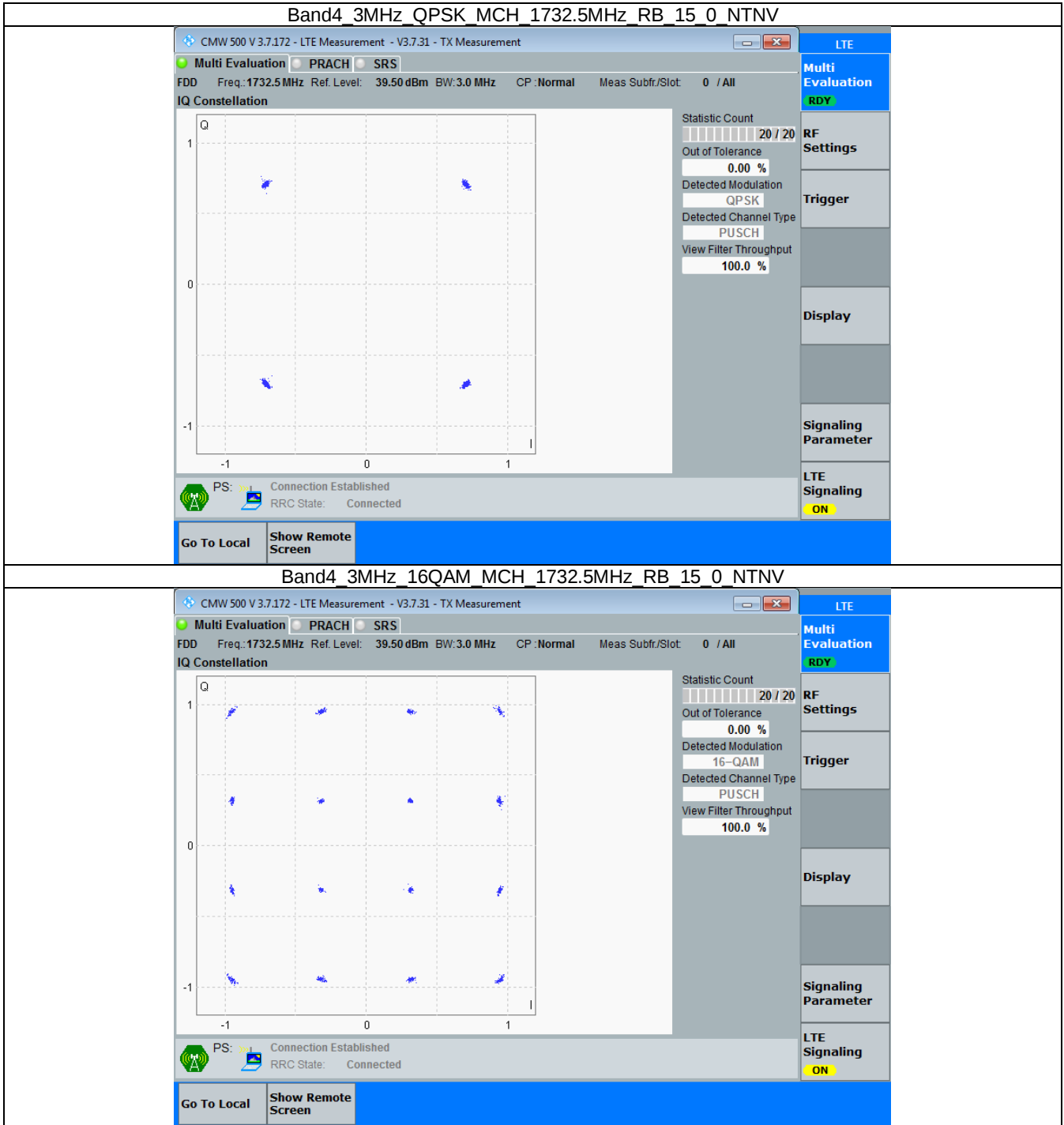


## 3.2 B4\_3MHz

### 3.2.1 Test Result

| Band: 4 / Bandwidth: 3MHz / NTN |                 |               |        |                            |       |         |
|---------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                 |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                            | 1732.5          | 15            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                           | 1732.5          | 15            | 0      | Refer To Test Graph        |       | Pass    |

3.2.2 Test Graph

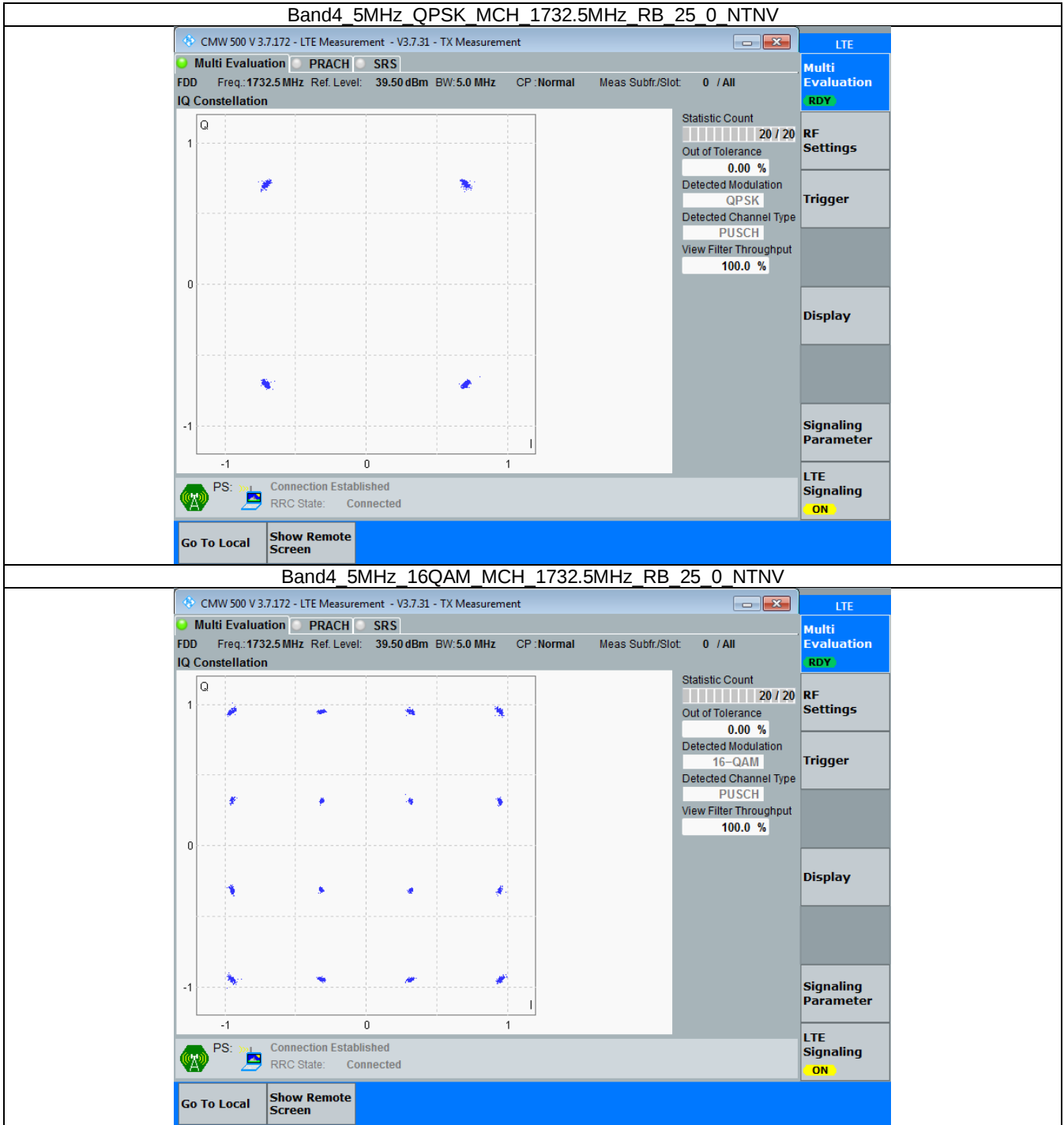


### 3.3 B4\_5MHz

#### 3.3.1 Test Result

| Band: 4 / Bandwidth: 5MHz / NTV |                 |               |        |                            |       |         |
|---------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                      | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                 |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                            | 1732.5          | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                           | 1732.5          | 25            | 0      | Refer To Test Graph        |       | Pass    |

3.3.2 Test Graph

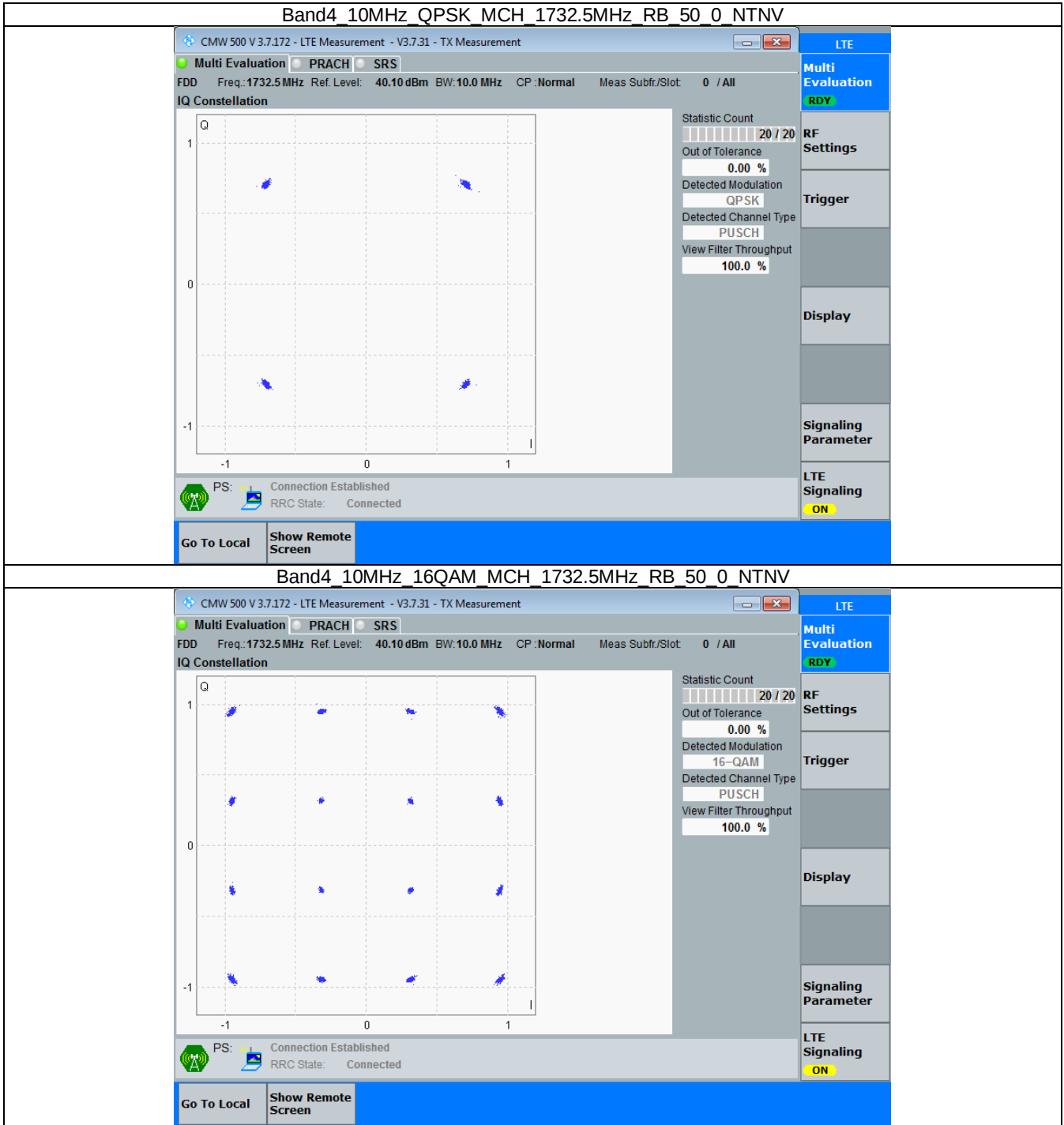


### 3.4 B4\_10MHz

#### 3.4.1 Test Result

| Band: 4 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1732.5          | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1732.5          | 50            | 0      | Refer To Test Graph        |       | Pass    |

3.4.2 Test Graph

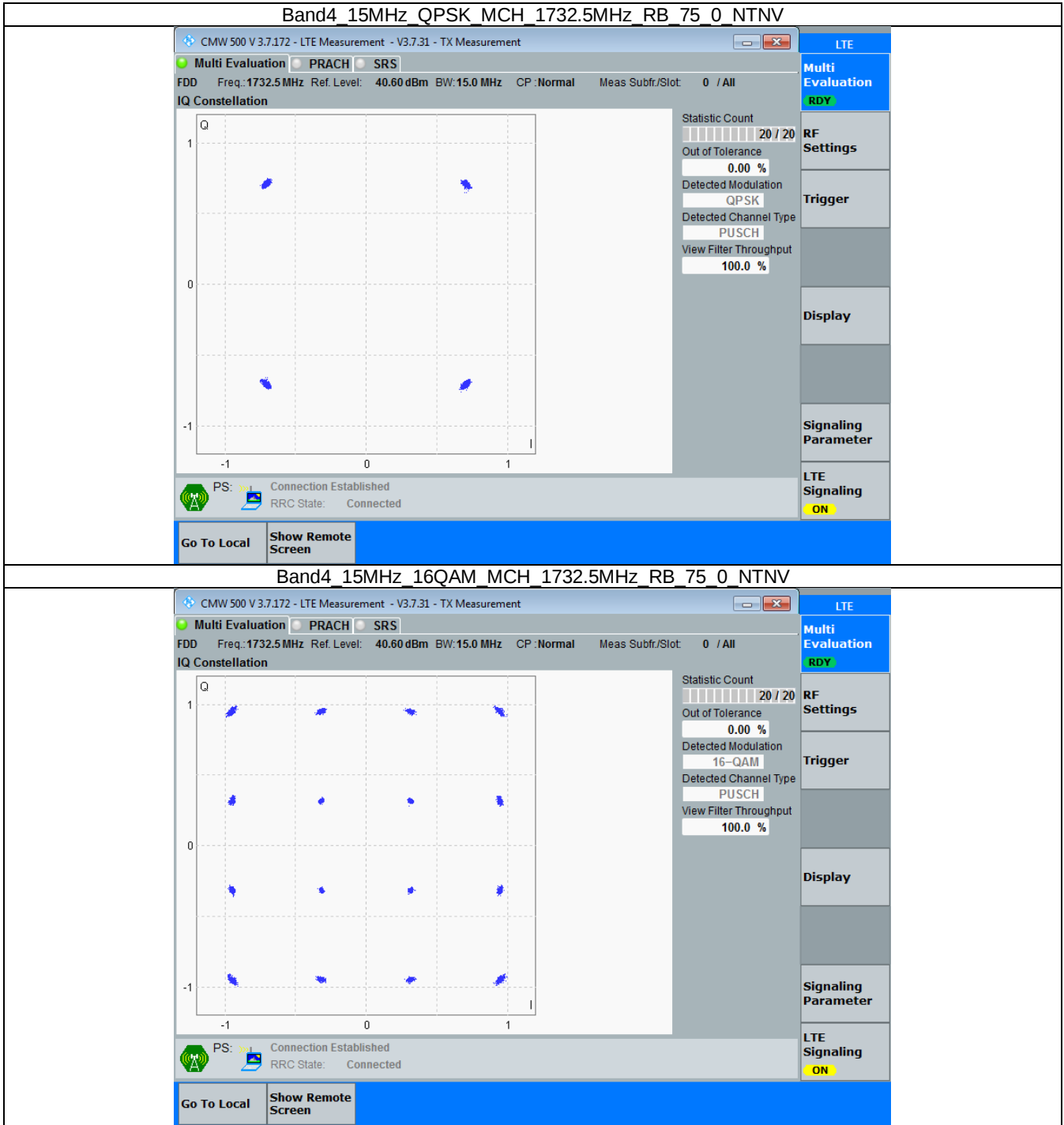


### 3.5 B4\_15MHz

#### 3.5.1 Test Result

| Band: 4 / Bandwidth: 15MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1732.5          | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1732.5          | 75            | 0      | Refer To Test Graph        |       | Pass    |

3.5.2 Test Graph

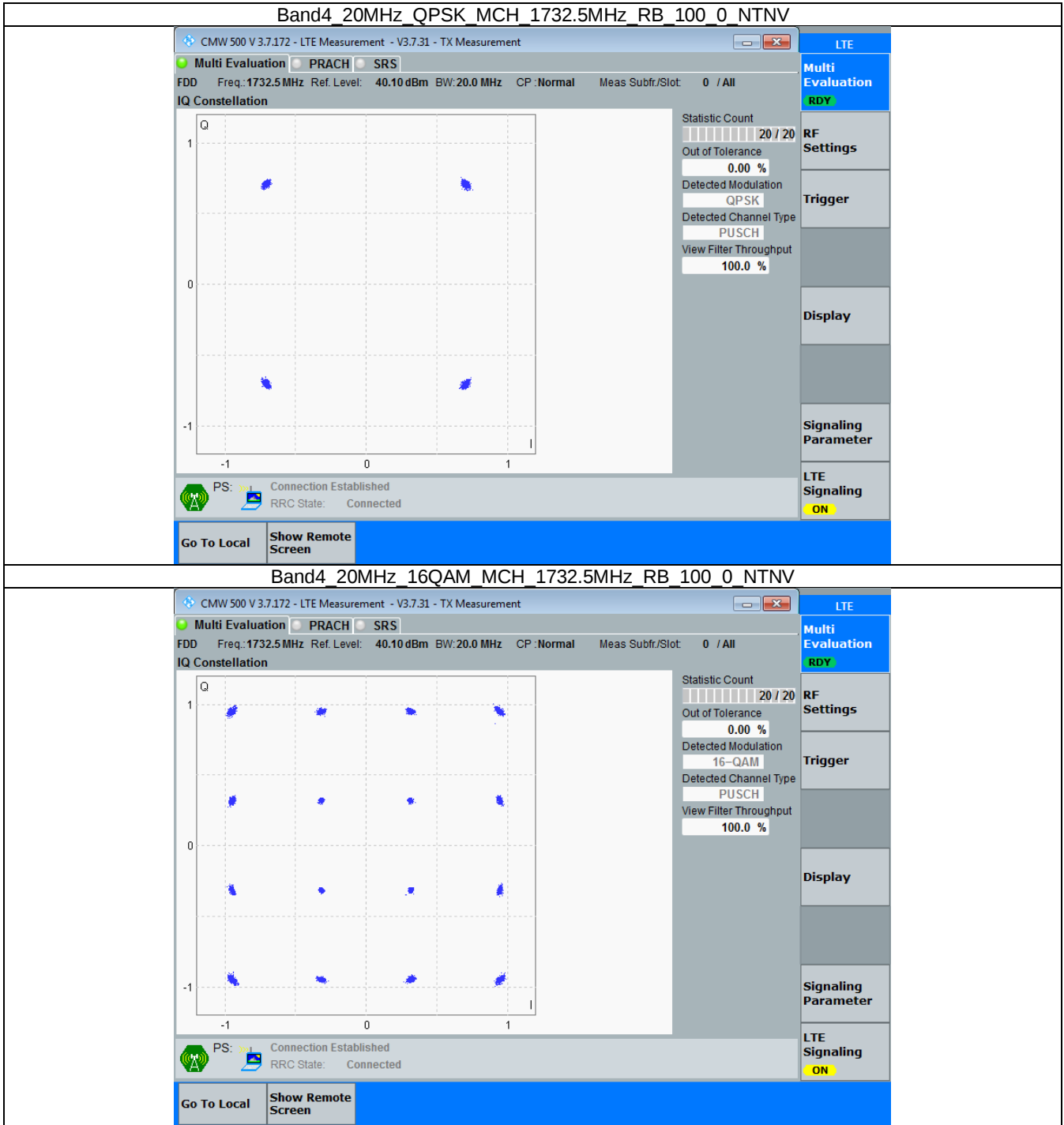


### 3.6 B4\_20MHz

#### 3.6.1 Test Result

| Band: 4 / Bandwidth: 20MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 1732.5          | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 1732.5          | 100           | 0      | Refer To Test Graph        |       | Pass    |

3.6.2 Test Graph



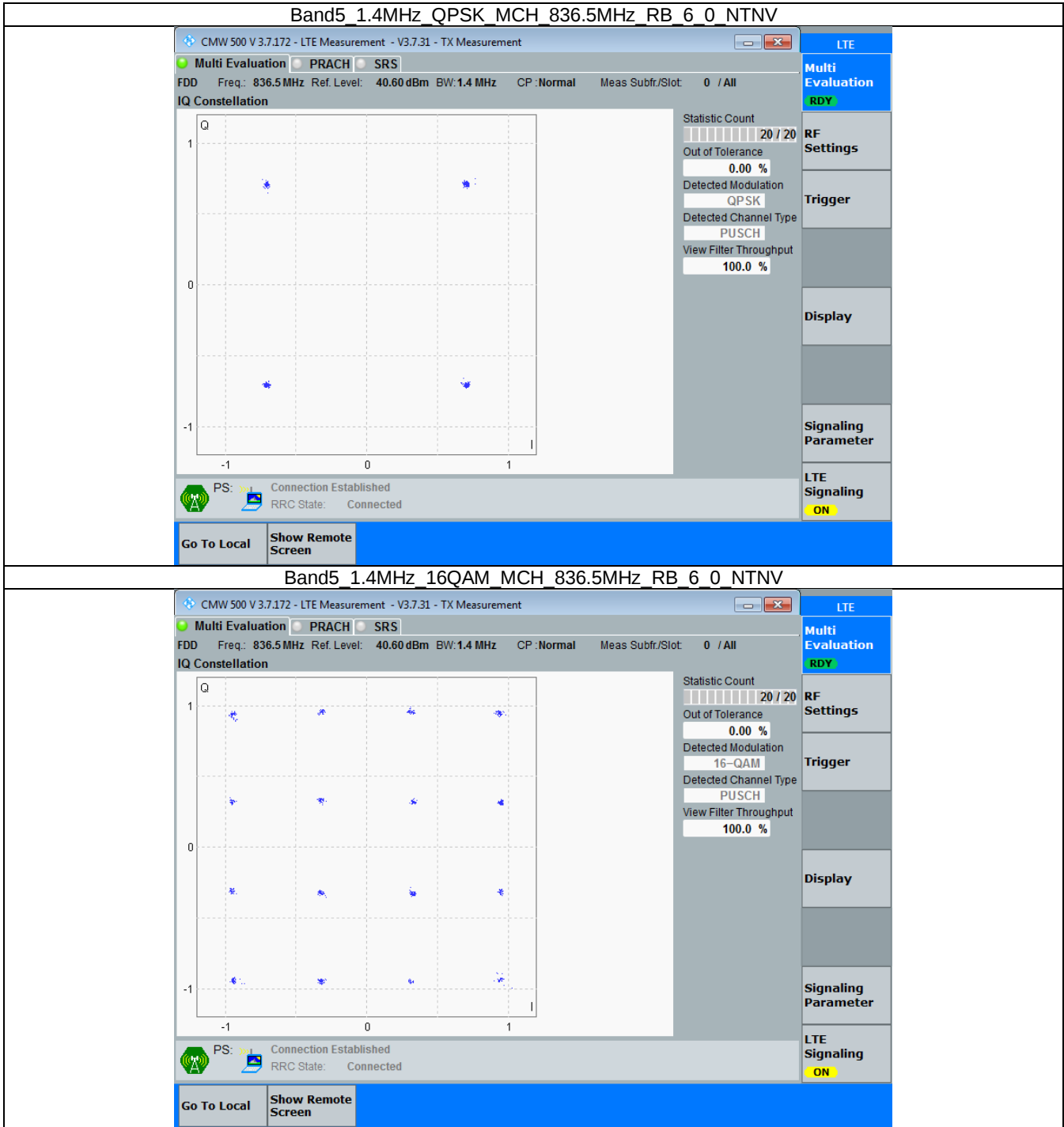
4. Modulation Characteristics

4.1 B5\_1.4MHz

4.1.1 Test Result

| Band: 5 / Bandwidth: 1.4MHz / NTNV |                    |               |        |                            |       |
|------------------------------------|--------------------|---------------|--------|----------------------------|-------|
| Modulation                         | Frequency<br>(MHz) | RB Allocation |        | Modulation Characteristics |       |
|                                    |                    | Size          | Offset | Result                     | Limit |
| QPSK                               | 836.5              | 6             | 0      | Refer To Test Graph        | Pass  |
| 16QAM                              | 836.5              | 6             | 0      | Refer To Test Graph        | Pass  |

4.1.2 Test Graph

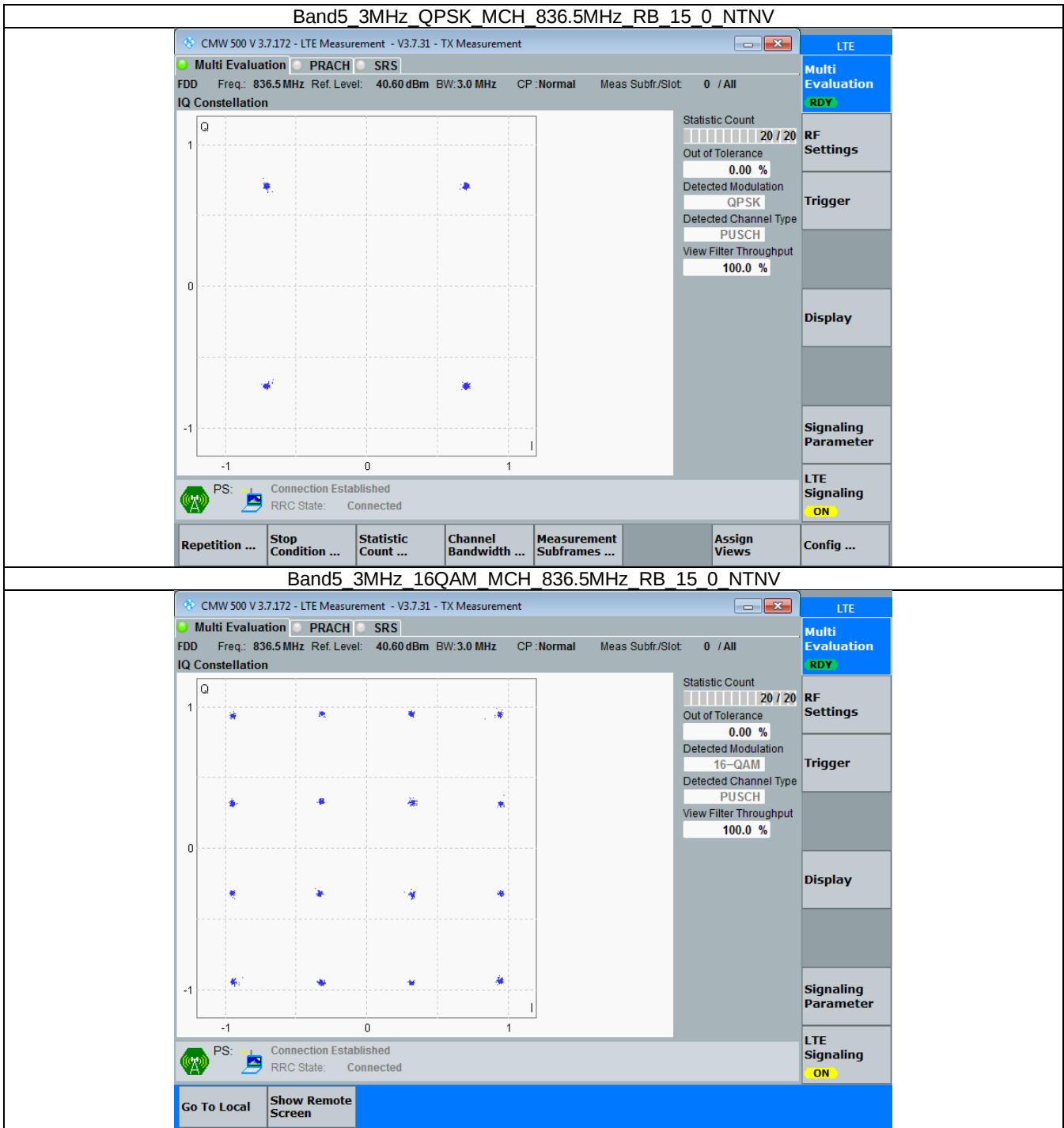


## 4.2 B5\_3MHz

### 4.2.1 Test Result

| Band: 5 / Bandwidth: 3MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 836.5           | 15            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 836.5           | 15            | 0      | Refer To Test Graph        |       | Pass    |

4.2.2 Test Graph

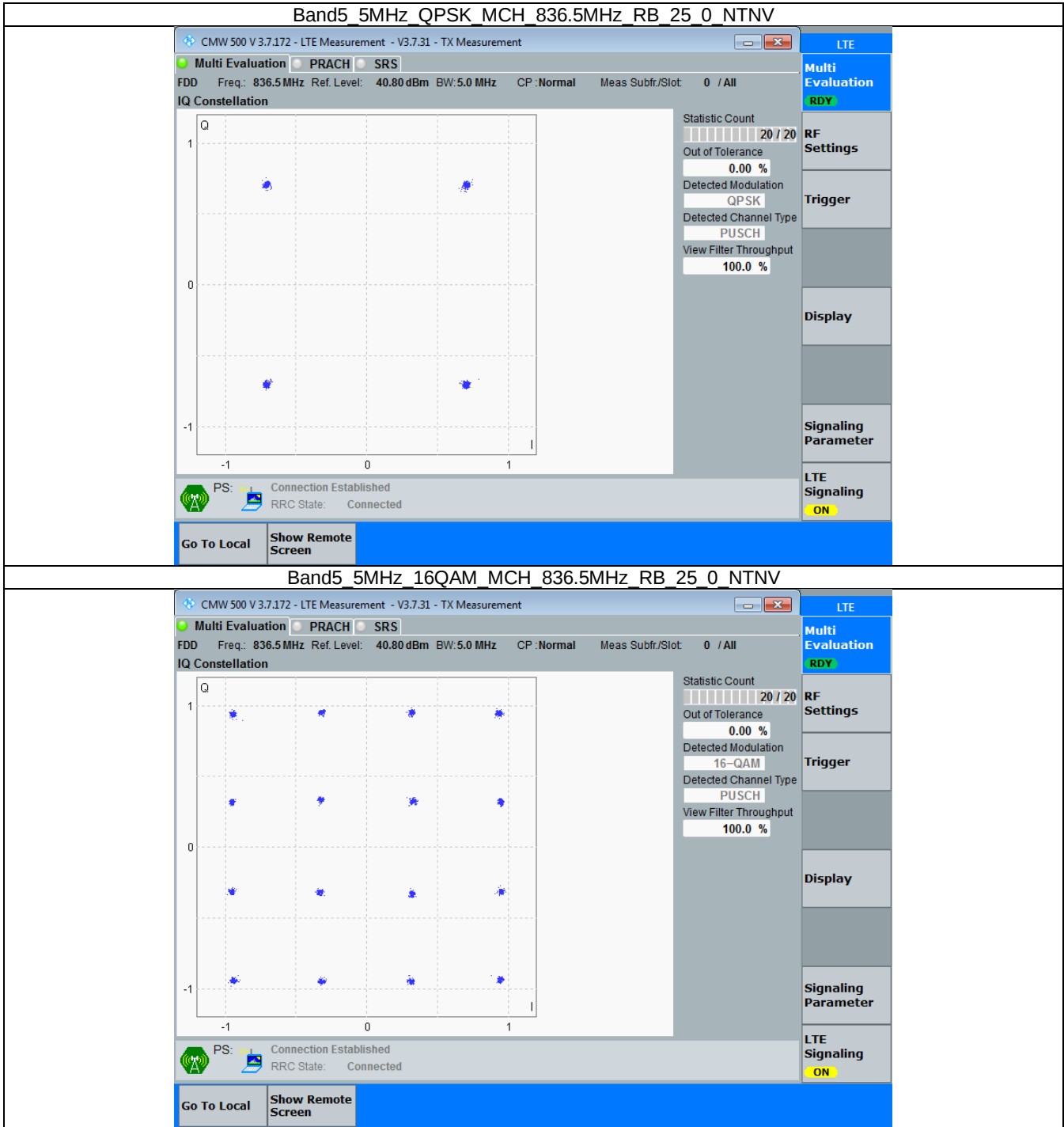


## 4.3 B5\_5MHz

### 4.3.1 Test Result

| Band: 5 / Bandwidth: 5MHz / NTNv |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 836.5           | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 836.5           | 25            | 0      | Refer To Test Graph        |       | Pass    |

4.3.2 Test Graph

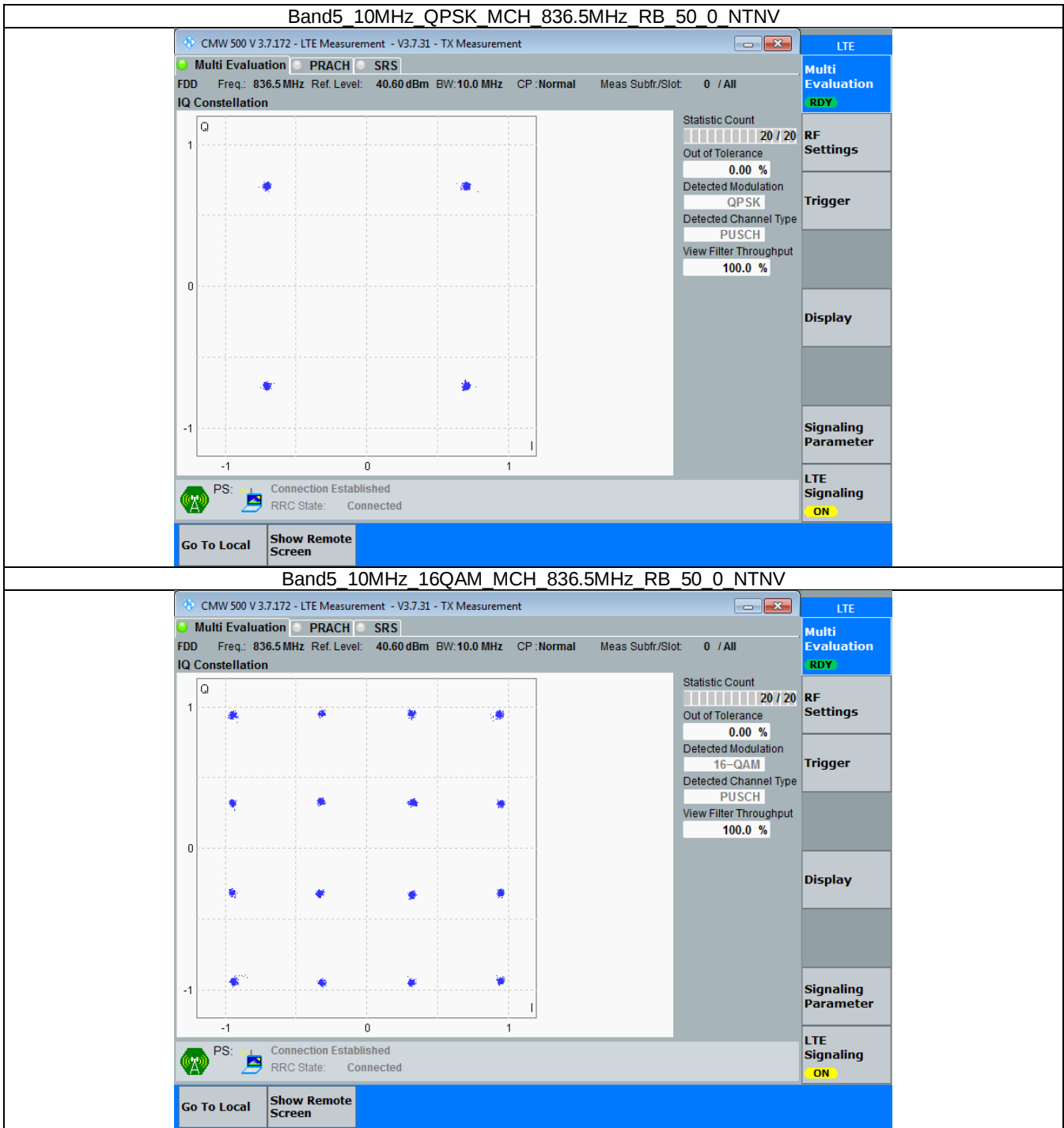


## 4.4 B5\_10MHz

### 4.4.1 Test Result

| Band: 5 / Bandwidth: 10MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 836.5           | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 836.5           | 50            | 0      | Refer To Test Graph        |       | Pass    |

4.4.2 Test Graph



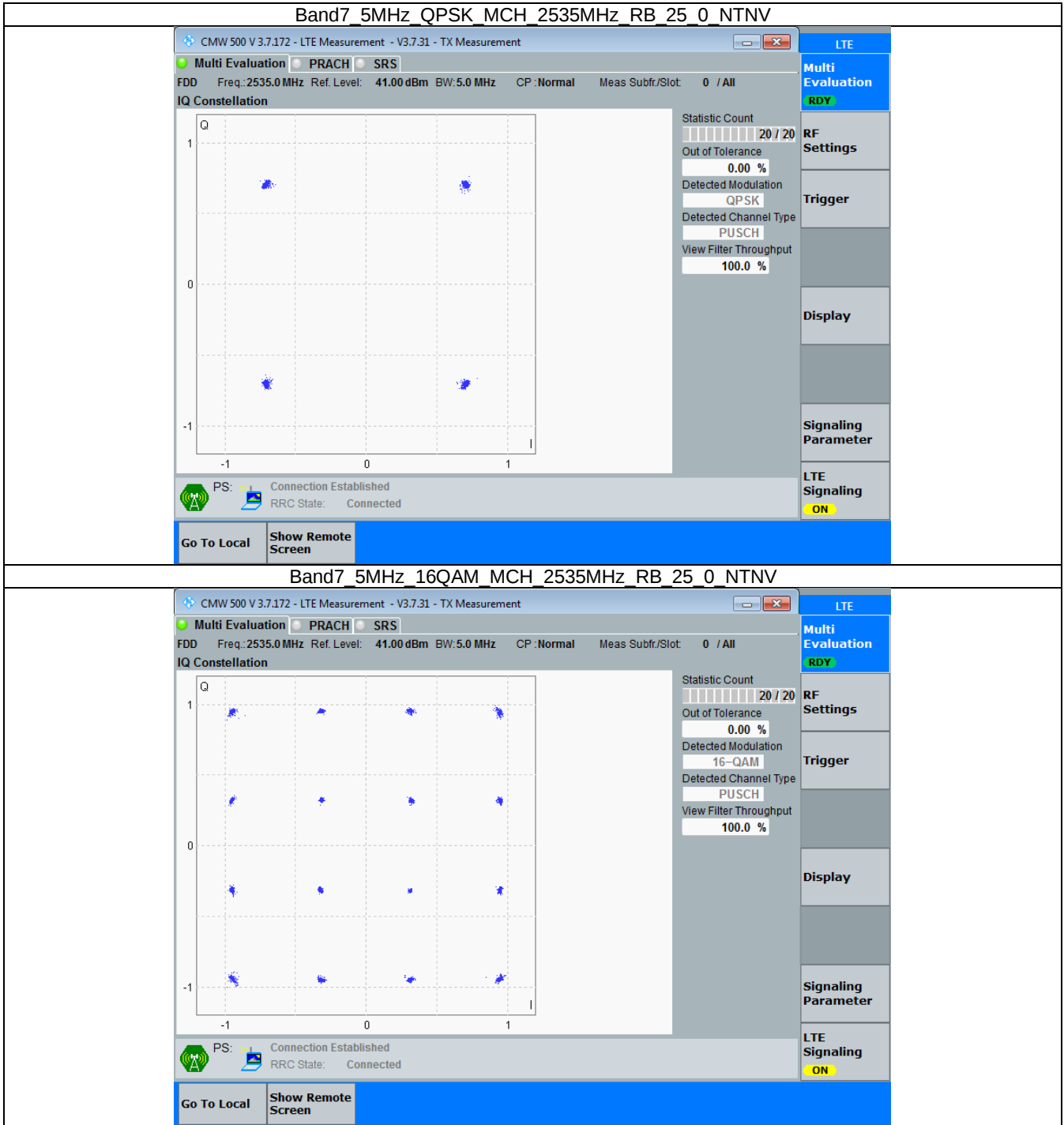
5. Modulation Characteristics

5.1 B7\_5MHz

5.1.1 Test Result

| Band: 7 / Bandwidth: 5MHz / NTNV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 2535            | 25            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 2535            | 25            | 0      | Refer To Test Graph        |       | Pass    |

5.1.2 Test Graph

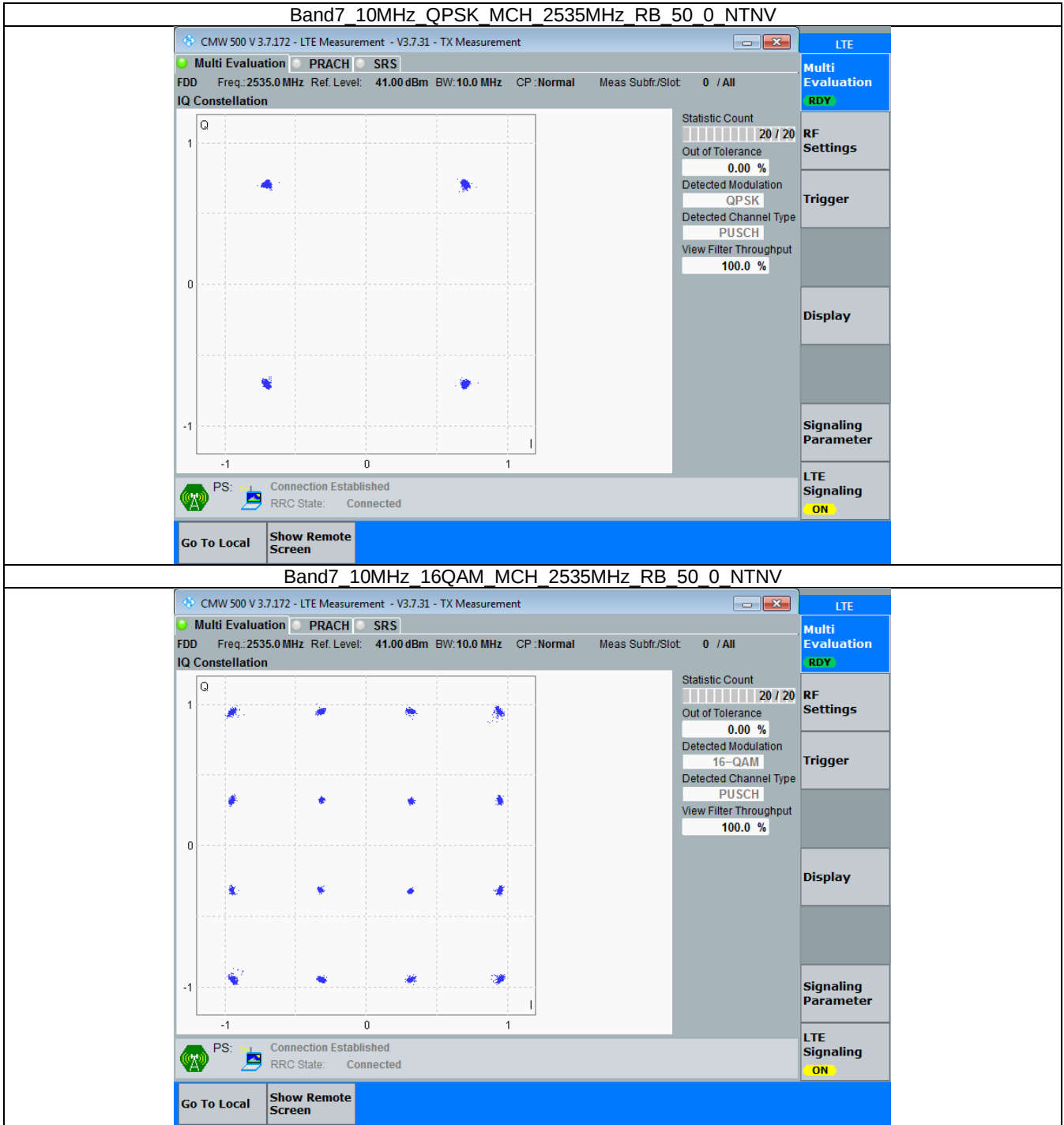


## 5.2 B7\_10MHz

### 5.2.1 Test Result

| Band: 7 / Bandwidth: 10MHz / NTNV |                 |               |        |                            |       |         |
|-----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                        | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                   |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                              | 2535            | 50            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                             | 2535            | 50            | 0      | Refer To Test Graph        |       | Pass    |

5.2.2 Test Graph

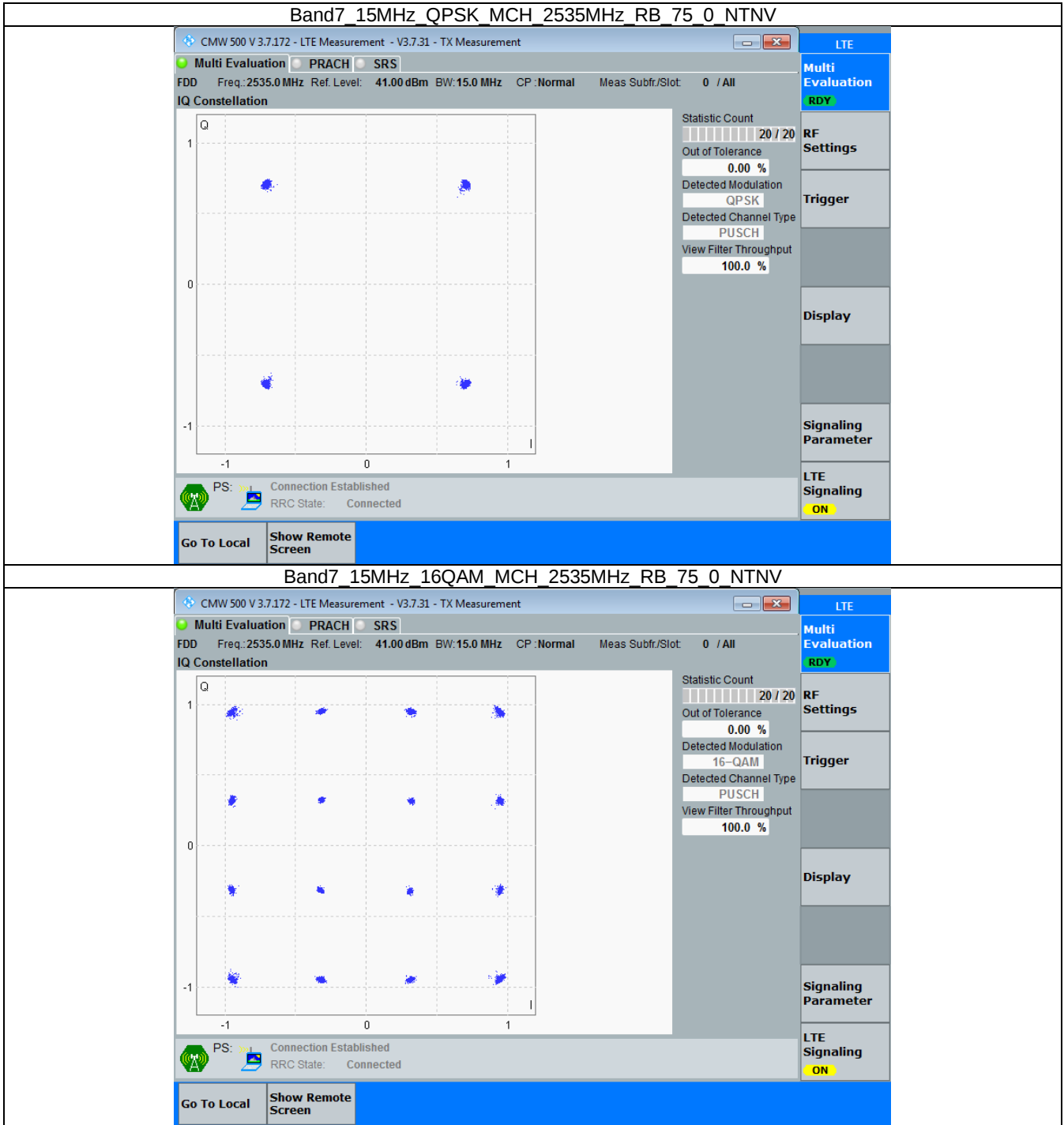


## 5.3 B7\_15MHz

### 5.3.1 Test Result

| Band: 7 / Bandwidth: 15MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 2535            | 75            | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 2535            | 75            | 0      | Refer To Test Graph        |       | Pass    |

5.3.2 Test Graph



## 5.4 B7\_20MHz

### 5.4.1 Test Result

| Band: 7 / Bandwidth: 20MHz / NTV |                 |               |        |                            |       |         |
|----------------------------------|-----------------|---------------|--------|----------------------------|-------|---------|
| Modulation                       | Frequency (MHz) | RB Allocation |        | Modulation Characteristics |       | Verdict |
|                                  |                 | Size          | Offset | Result                     | Limit |         |
| QPSK                             | 2535            | 100           | 0      | Refer To Test Graph        |       | Pass    |
| 16QAM                            | 2535            | 100           | 0      | Refer To Test Graph        |       | Pass    |

5.4.2 Test Graph

