

LTE Cat M Appendix-PAR

| LTE FDD Band 2, Nominal Bandwidth: 1.4MHz |         |                  |        |                  |            |         |
|-------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                           |         | Size             | Offset |                  |            |         |
| QPSK                                      | LCH     | 6                | 0      | 9.91             | 13         | Pass    |
|                                           | MCH     | 6                | 0      | 9.57             | 13         | Pass    |
|                                           | HCH     | 6                | 0      | 10.17            | 13         | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 10.40            | 13         | Pass    |
|                                           | MCH     | 5                | 0      | 10.72            | 13         | Pass    |
|                                           | HCH     | 5                | 0      | 10.43            | 13         | Pass    |

| LTE FDD Band 2, Nominal Bandwidth: 3MHz |         |                  |        |                  |            |         |
|-----------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                              | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                         |         | Size             | Offset |                  |            |         |
| QPSK                                    | LCH     | 6                | 0      | 10.09            | 13         | Pass    |
|                                         | MCH     | 6                | 0      | 10.30            | 13         | Pass    |
|                                         | HCH     | 6                | 0      | 10.04            | 13         | Pass    |
| 16QAM                                   | LCH     | 5                | 0      | 10.66            | 13         | Pass    |
|                                         | MCH     | 5                | 0      | 10.62            | 13         | Pass    |
|                                         | HCH     | 5                | 0      | 10.57            | 13         | Pass    |

| LTE FDD Band 2, Nominal Bandwidth: 5MHz |         |                  |        |                  |            |         |
|-----------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                              | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                         |         | Size             | Offset |                  |            |         |
| QPSK                                    | LCH     | 6                | 0      | 10.07            | 13         | Pass    |
|                                         | MCH     | 6                | 0      | 9.71             | 13         | Pass    |
|                                         | HCH     | 6                | 0      | 9.79             | 13         | Pass    |
| 16QAM                                   | LCH     | 5                | 0      | 9.96             | 13         | Pass    |
|                                         | MCH     | 5                | 0      | 9.75             | 13         | Pass    |
|                                         | HCH     | 5                | 0      | 10.07            | 13         | Pass    |

| LTE FDD Band 2, Nominal Bandwidth: 10MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 9.66             | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 9.79             | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 9.88             | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.31             | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 9.40             | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 8.82             | 13         | Pass    |

| LTE FDD Band 2, Nominal Bandwidth: 15MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 9.38             | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 9.17             | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 9.20             | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.23             | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 9.38             | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 9.19             | 13         | Pass    |

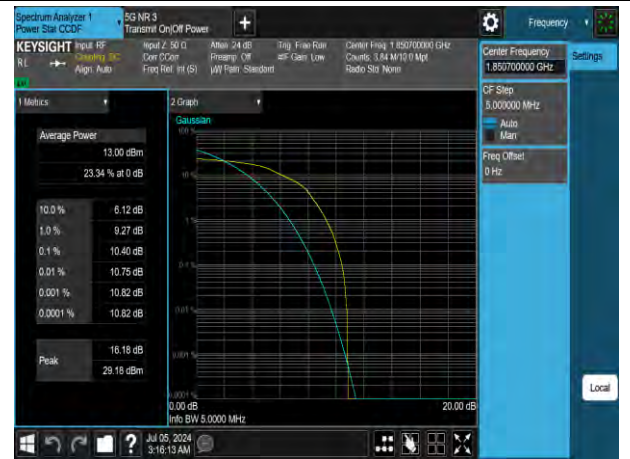
| LTE FDD Band 2, Nominal Bandwidth: 20MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 9.45                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 9.49                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 9.12                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.33                | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 9.58                | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 9.36                | 13            | Pass    |

# LTE FDD Band 2, Nominal Bandwidth: 1.4MHz

## QPSK Low channel-6 RB offset 0



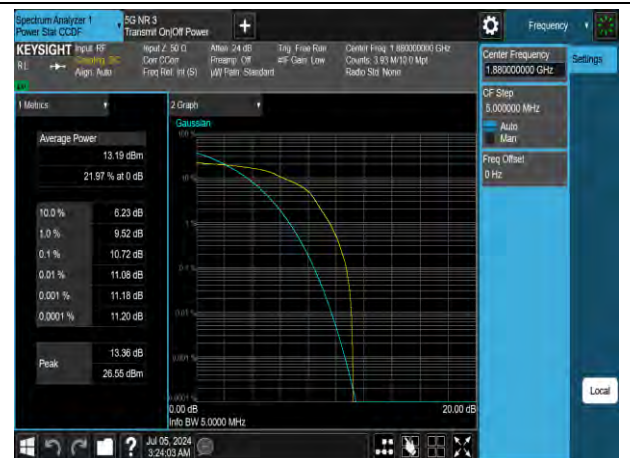
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



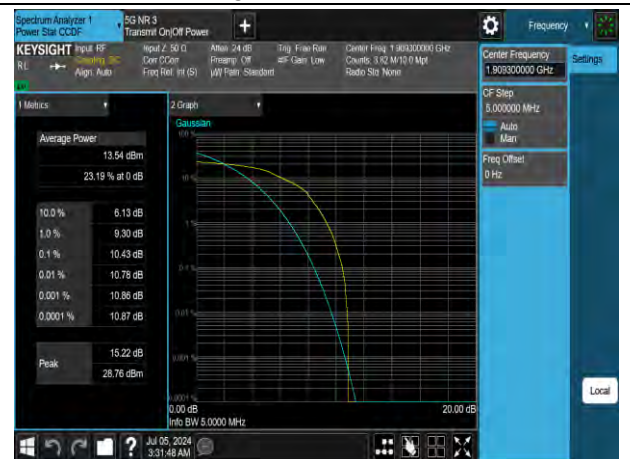
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

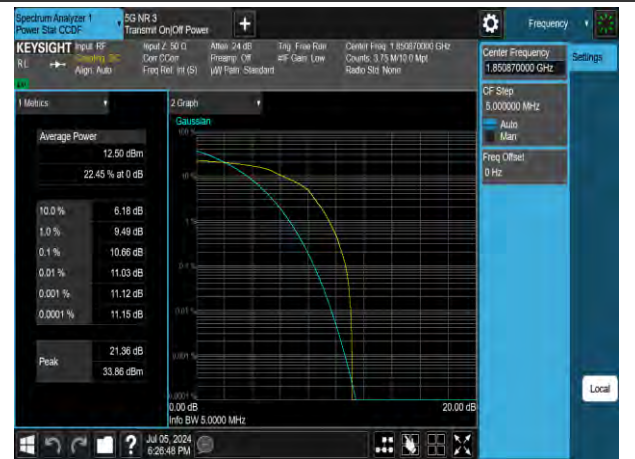


## LTE FDD Band 2, Nominal Bandwidth: 3MHz

**QPSK Low channel-6 RB offset 0**



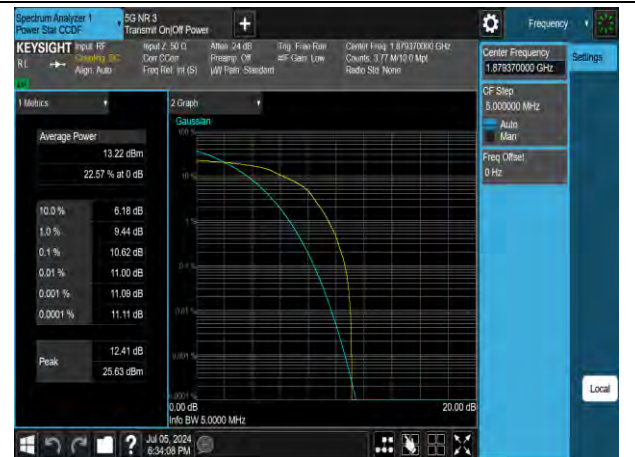
**16QAM Low channel-5 RB offset 0**



**QPSK Middle channel-6 RB offset 0**



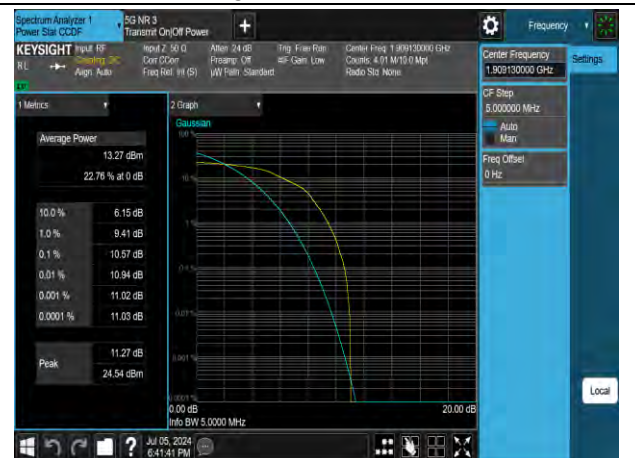
**16QAM Middle channel-5 RB offset 0**



**QPSK High channel-6 RB offset 0**



**16QAM High channel-5 RB offset 0**

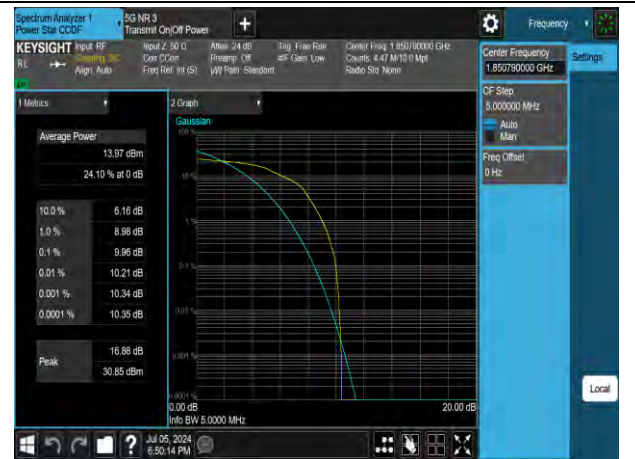


## LTE FDD Band 2, Nominal Bandwidth: 5MHz

**QPSK Low channel-6 RB offset 0**



**16QAM Low channel-5 RB offset 0**



**QPSK Middle channel-6 RB offset 0**



**16QAM Middle channel-5 RB offset 0**



**QPSK High channel-6 RB offset 0**

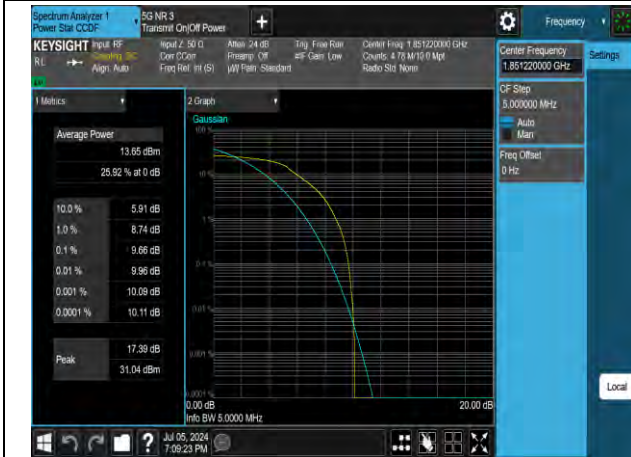


**16QAM High channel-5 RB offset 0**

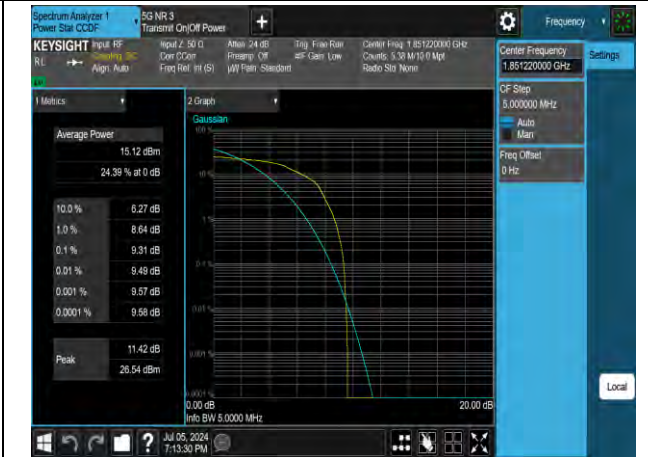


## LTE FDD Band 2, Nominal Bandwidth: 10MHz

### QPSK Low channel-6 RB offset 0



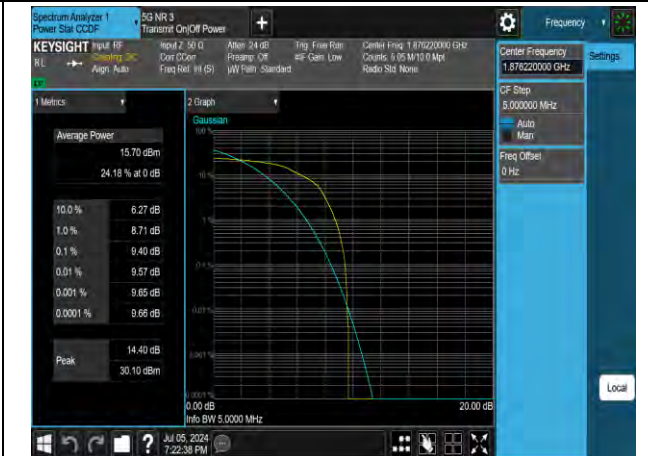
### 16QAM Low channel-5 RB offset 0



### QPSK Middle channel-6 RB offset 0



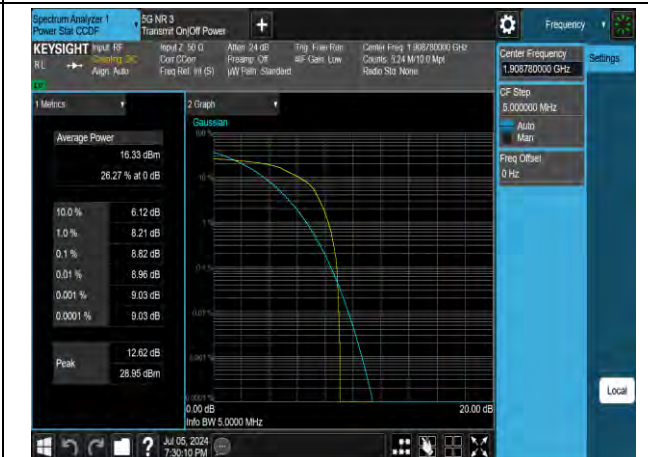
### 16QAM Middle channel-5 RB offset 0



### QPSK High channel-6 RB offset 0

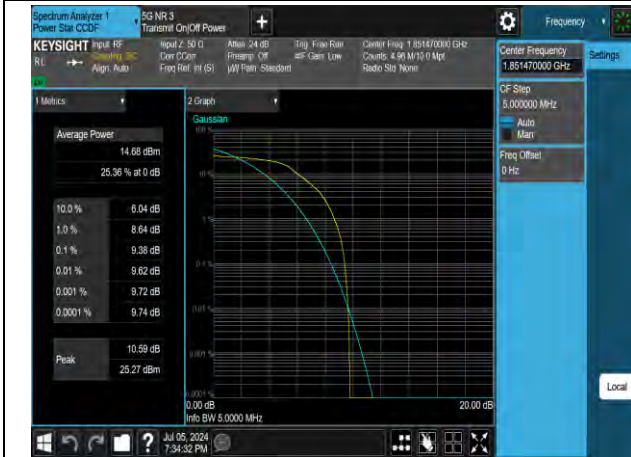


### 16QAM High channel-5 RB offset 0

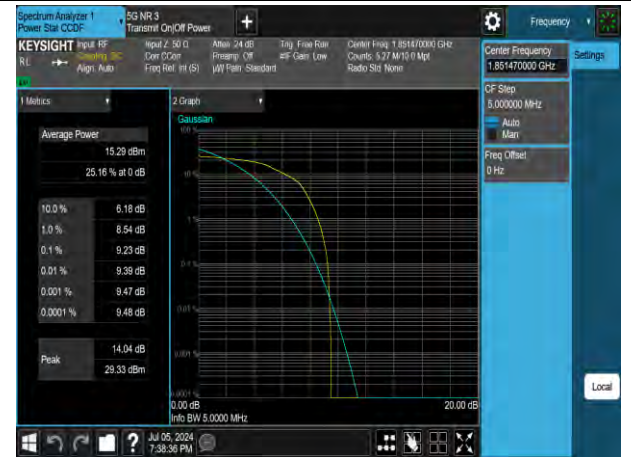


## LTE FDD Band 2, Nominal Bandwidth: 15MHz

### QPSK Low channel-6 RB offset 0



### 16QAM Low channel-5 RB offset 0



### QPSK Middle channel-6 RB offset 0



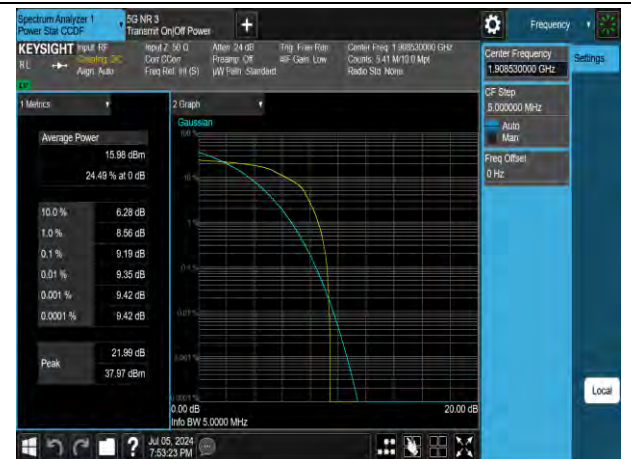
### 16QAM Middle channel-5 RB offset 0



### QPSK High channel-6 RB offset 0



### 16QAM High channel-5 RB offset 0

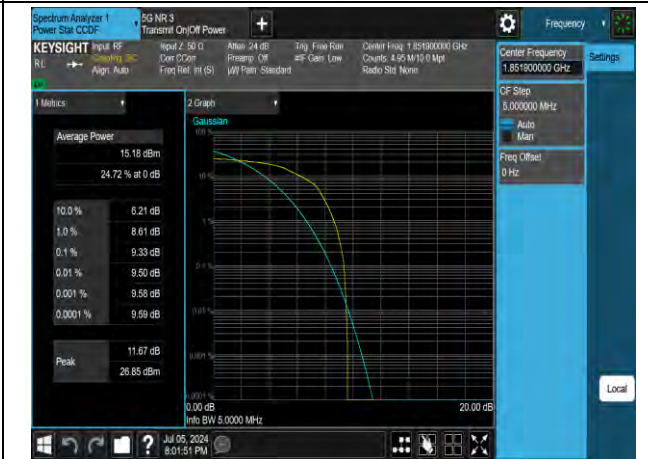


## LTE FDD Band 2, Nominal Bandwidth: 20MHz

### QPSK Low channel-6 RB offset 0



### 16QAM Low channel-5 RB offset 0



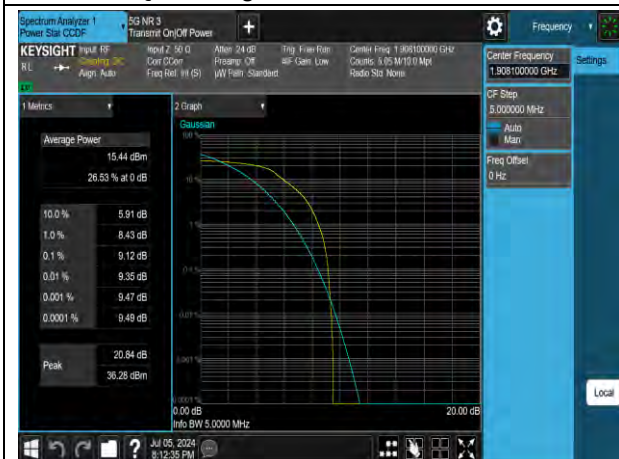
### QPSK Middle channel-6 RB offset 0



### 16QAM Middle channel-5 RB offset 0



### QPSK High channel-6 RB offset 0



### 16QAM High channel-5 RB offset 0



| LTE FDD Band 4, Nominal Bandwidth: 1.4MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.83                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.87                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.79                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 10.40               | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 10.76               | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 10.27               | 13            | Pass    |

| LTE FDD Band 4, Nominal Bandwidth: 3MHz |         |                  |        |                     |               |         |
|-----------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                              | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                         |         | Size             | Offset |                     |               |         |
| QPSK                                    | LCH     | 6                | 0      | 10.21               | 13            | Pass    |
|                                         | MCH     | 6                | 0      | 9.90                | 13            | Pass    |
|                                         | HCH     | 6                | 0      | 9.83                | 13            | Pass    |
| 16QAM                                   | LCH     | 5                | 0      | 10.61               | 13            | Pass    |
|                                         | MCH     | 5                | 0      | 10.71               | 13            | Pass    |
|                                         | HCH     | 5                | 0      | 10.63               | 13            | Pass    |

| LTE FDD Band 4, Nominal Bandwidth: 5MHz |         |                  |        |                     |               |         |
|-----------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                              | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                         |         | Size             | Offset |                     |               |         |
| QPSK                                    | LCH     | 6                | 0      | 9.83                | 13            | Pass    |
|                                         | MCH     | 6                | 0      | 9.51                | 13            | Pass    |
|                                         | HCH     | 6                | 0      | 9.62                | 13            | Pass    |
| 16QAM                                   | LCH     | 5                | 0      | 9.92                | 13            | Pass    |
|                                         | MCH     | 5                | 0      | 9.89                | 13            | Pass    |
|                                         | HCH     | 5                | 0      | 9.83                | 13            | Pass    |

| LTE FDD Band 4, Nominal Bandwidth: 10MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 9.76                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 9.44                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 9.60                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.70                | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 9.18                | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 9.63                | 13            | Pass    |

| LTE FDD Band 4, Nominal Bandwidth: 15MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 9.14                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 9.28                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 8.79                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.04                | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 8.88                | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 9.51                | 13            | Pass    |

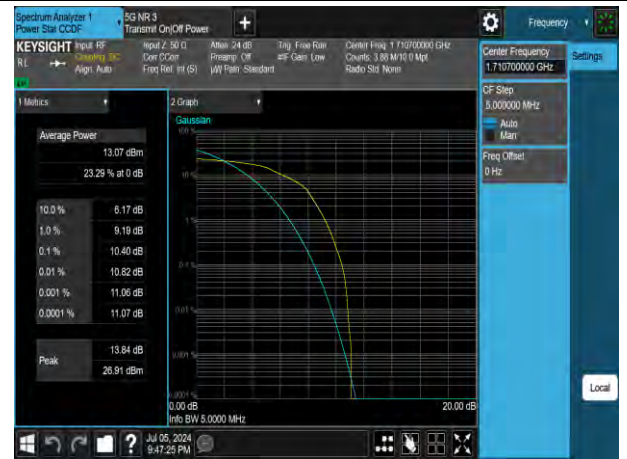
| LTE FDD Band 4, Nominal Bandwidth: 20MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 8.83                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 8.83                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 8.82                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.46                | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 9.51                | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 8.96                | 13            | Pass    |

# LTE FDD Band 4, Nominal Bandwidth: 1.4MHz

## QPSK Low channel-6 RB offset 0



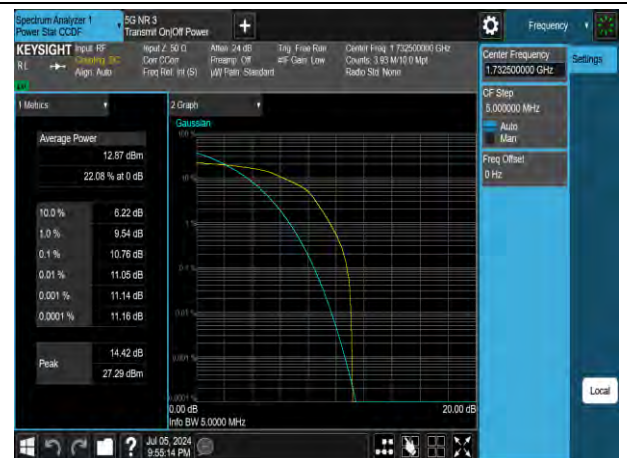
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



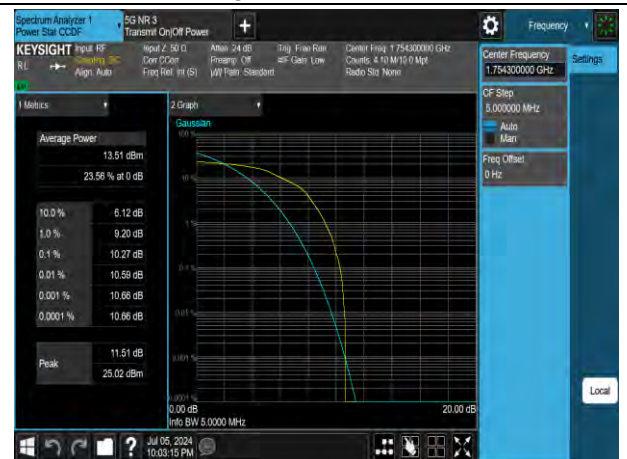
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0

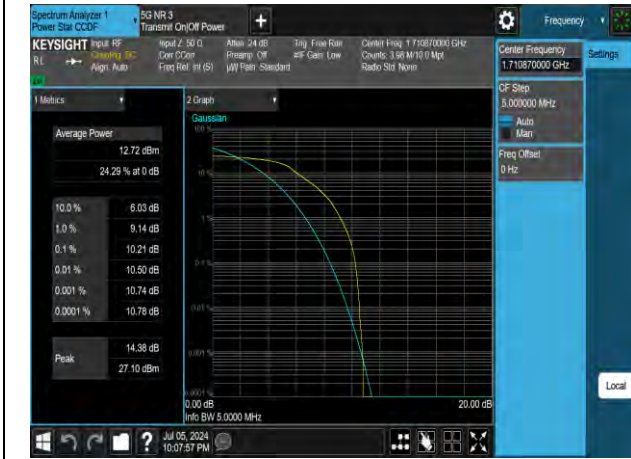


## 16QAM High channel-5 RB offset 0

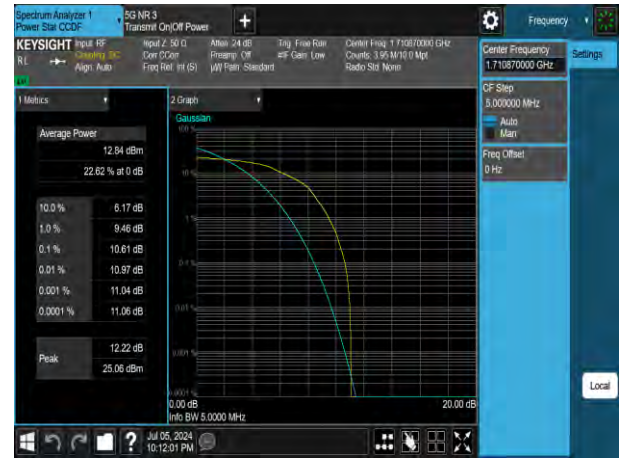


# LTE FDD Band 4, Nominal Bandwidth: 3MHz

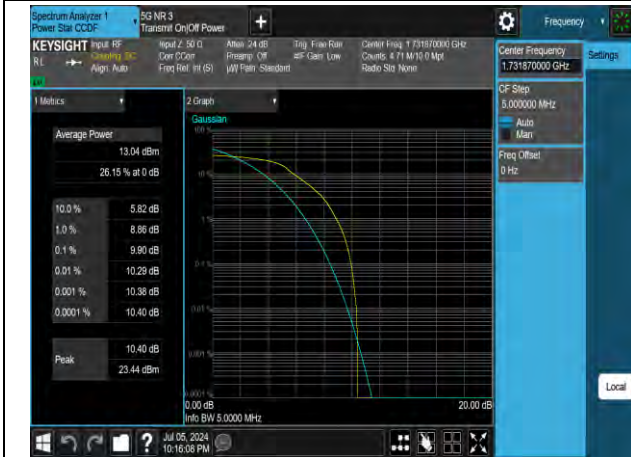
QPSK Low channel-6 RB offset 0



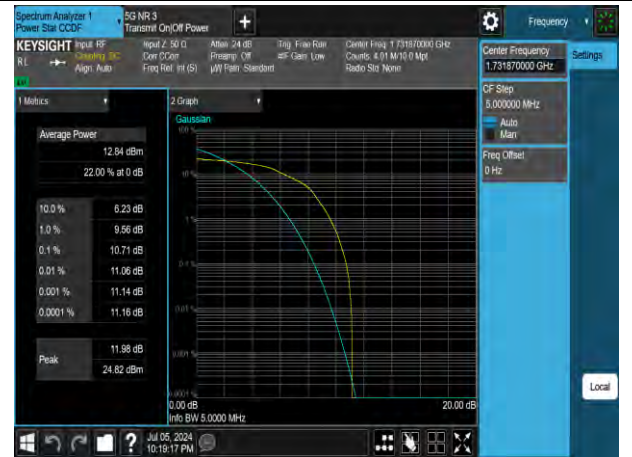
16QAM Low channel-5 RB offset 0



QPSK Middle channel-6 RB offset 0



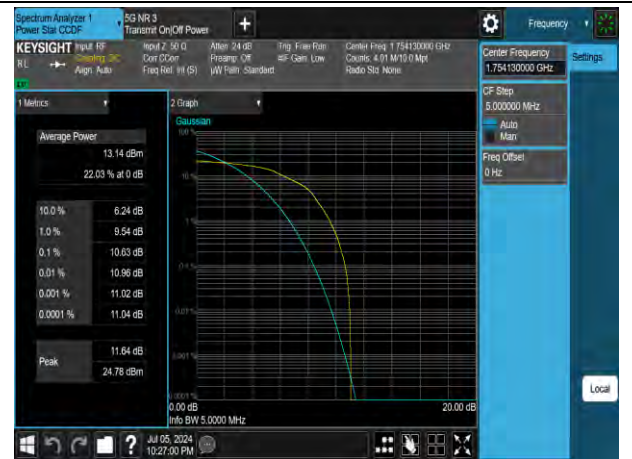
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0



16QAM High channel-5 RB offset 0

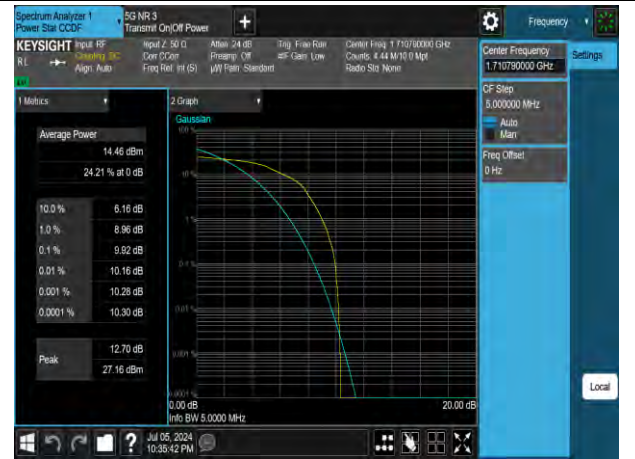


## LTE FDD Band 4, Nominal Bandwidth: 5MHz

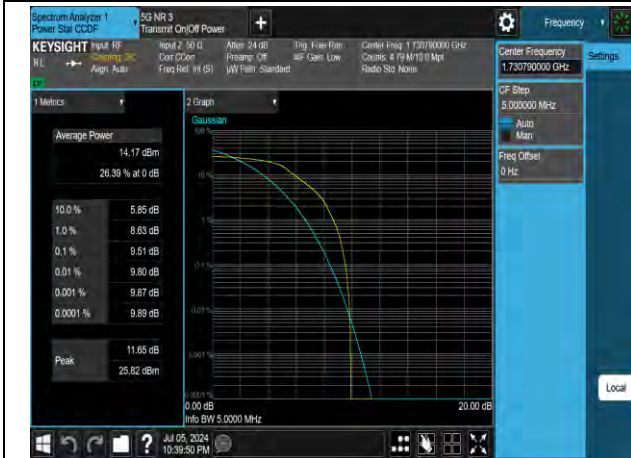
### QPSK Low channel-6 RB offset 0



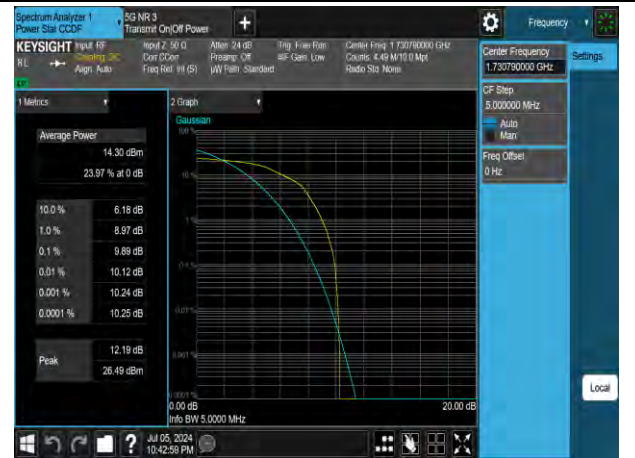
### 16QAM Low channel-5 RB offset 0



### QPSK Middle channel-6 RB offset 0



### 16QAM Middle channel-5 RB offset 0



### QPSK High channel-6 RB offset 0

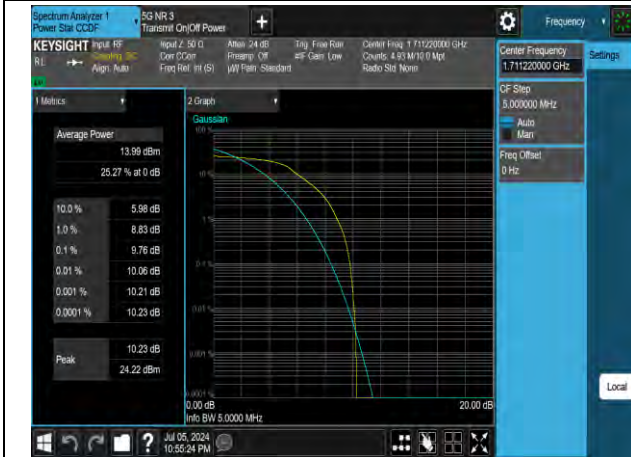


### 16QAM High channel-5 RB offset 0

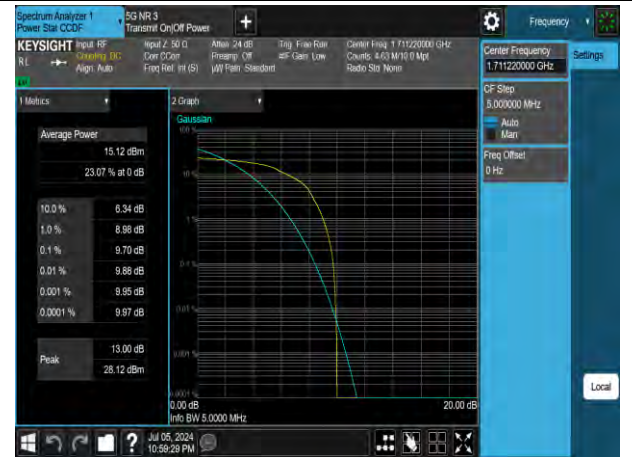


# LTE FDD Band 4, Nominal Bandwidth: 10MHz

## QPSK Low channel-6 RB offset 0



## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0

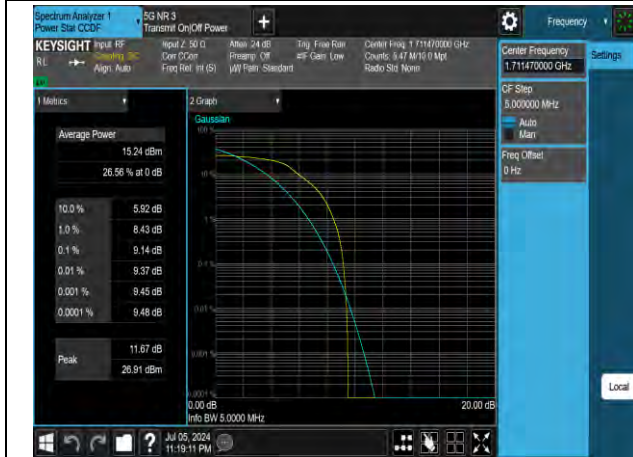


## 16QAM High channel-5 RB offset 0

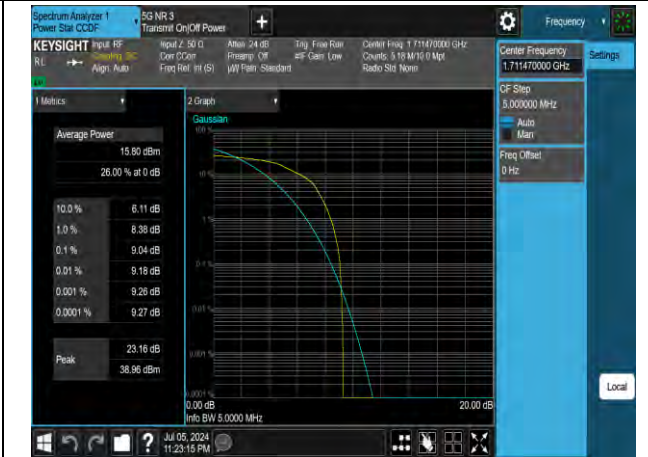


## LTE FDD Band 4, Nominal Bandwidth: 15MHz

**QPSK Low channel-6 RB offset 0**



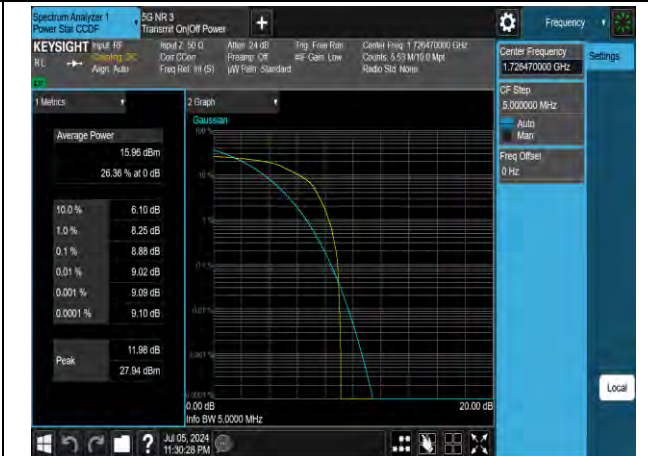
**16QAM Low channel-5 RB offset 0**



**QPSK Middle channel-6 RB offset 0**



**16QAM Middle channel-5 RB offset 0**



**QPSK High channel-6 RB offset 0**

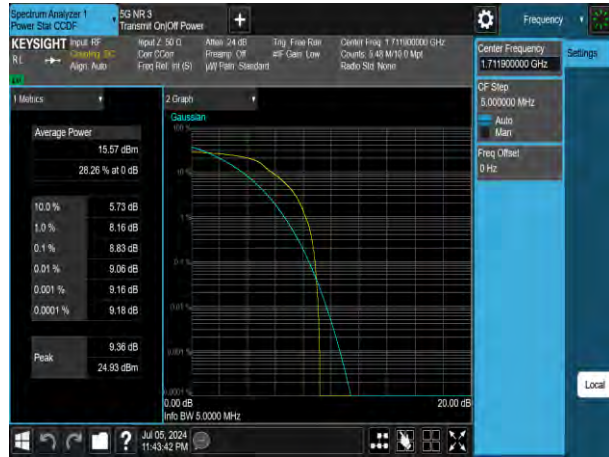


**16QAM High channel-5 RB offset 0**

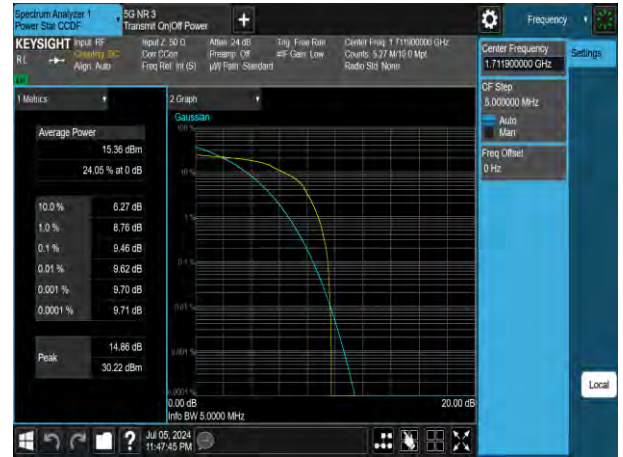


# LTE FDD Band 4, Nominal Bandwidth: 20MHz

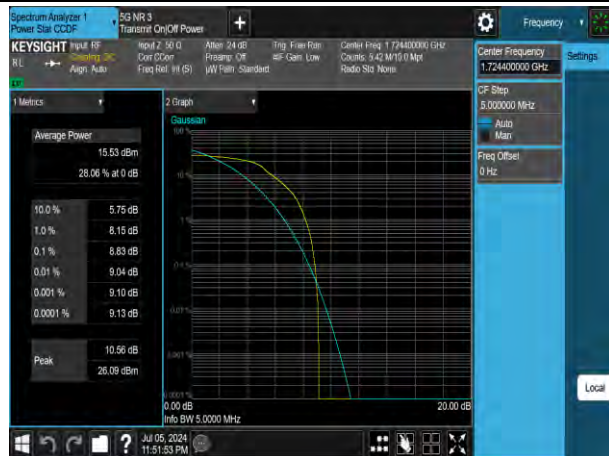
## QPSK Low channel-6 RB offset 0



## 16QAM Low channel-5 RB offset 0



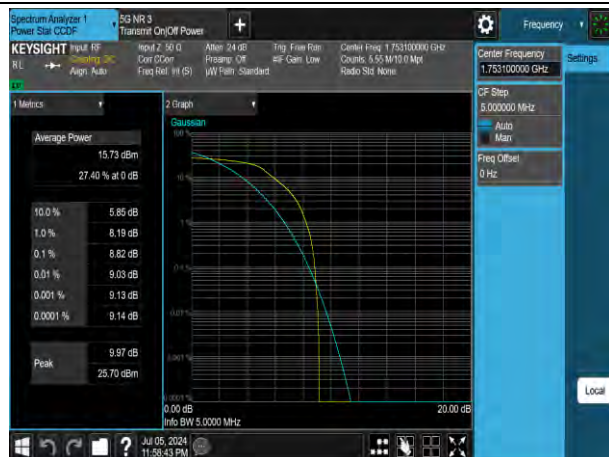
## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0



| LTE FDD Band 5, Nominal Bandwidth: 1.4MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.81                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.84                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 10.04               | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 10.34               | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 10.20               | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 10.29               | 13            | Pass    |

| LTE FDD Band 5, Nominal Bandwidth: 3MHz |         |                  |        |                     |               |         |
|-----------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                              | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                         |         | Size             | Offset |                     |               |         |
| QPSK                                    | LCH     | 6                | 0      | 10.13               | 13            | Pass    |
|                                         | MCH     | 6                | 0      | 9.88                | 13            | Pass    |
|                                         | HCH     | 6                | 0      | 10.05               | 13            | Pass    |
| 16QAM                                   | LCH     | 5                | 0      | 10.54               | 13            | Pass    |
|                                         | MCH     | 5                | 0      | 10.25               | 13            | Pass    |
|                                         | HCH     | 5                | 0      | 10.28               | 13            | Pass    |

| LTE FDD Band 5, Nominal Bandwidth: 5MHz |         |                  |        |                     |               |         |
|-----------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                              | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                         |         | Size             | Offset |                     |               |         |
| QPSK                                    | LCH     | 6                | 0      | 9.49                | 13            | Pass    |
|                                         | MCH     | 6                | 0      | 9.72                | 13            | Pass    |
|                                         | HCH     | 6                | 0      | 9.74                | 13            | Pass    |
| 16QAM                                   | LCH     | 5                | 0      | 9.89                | 13            | Pass    |
|                                         | MCH     | 5                | 0      | 9.94                | 13            | Pass    |
|                                         | HCH     | 5                | 0      | 9.83                | 13            | Pass    |

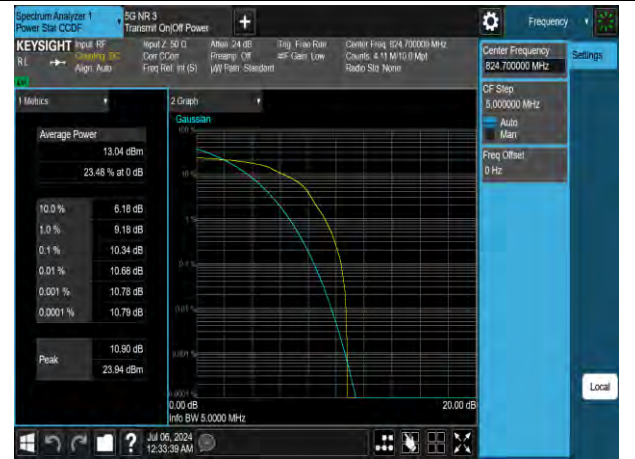
| LTE FDD Band 5, Nominal Bandwidth: 10MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 9.61                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 9.07                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 9.33                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 8.92                | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 8.92                | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 9.04                | 13            | Pass    |

# LTE FDD Band 5, Nominal Bandwidth: 1.4MHz

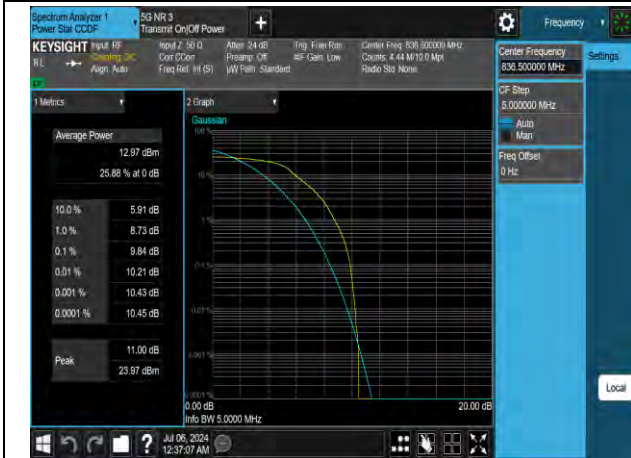
## QPSK Low channel-6 RB offset 0



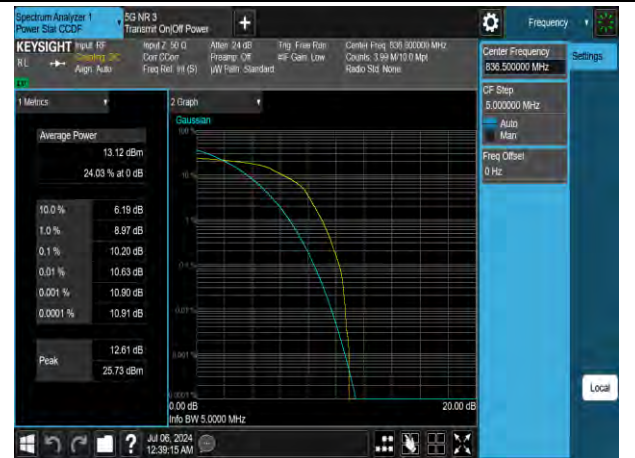
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0

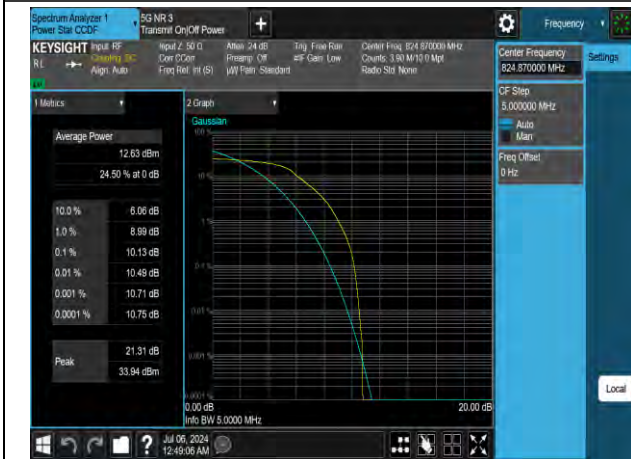


## 16QAM High channel-5 RB offset 0

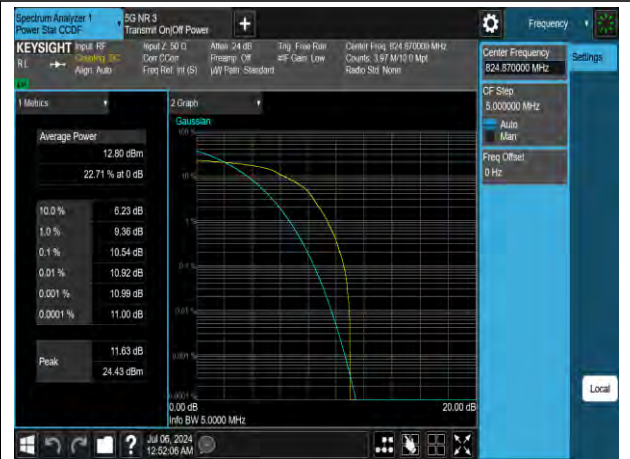


## LTE FDD Band 5, Nominal Bandwidth: 3MHz

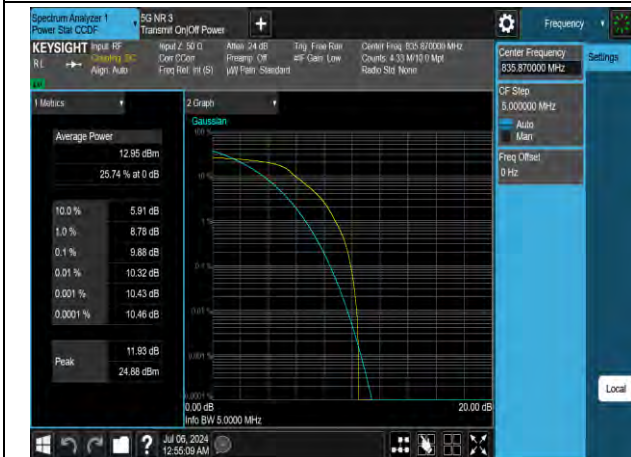
**QPSK Low channel-6 RB offset 0**



**16QAM Low channel-5 RB offset 0**



**QPSK Middle channel-6 RB offset 0**



**16QAM Middle channel-5 RB offset 0**



**QPSK High channel-6 RB offset 0**



**16QAM High channel-5 RB offset 0**

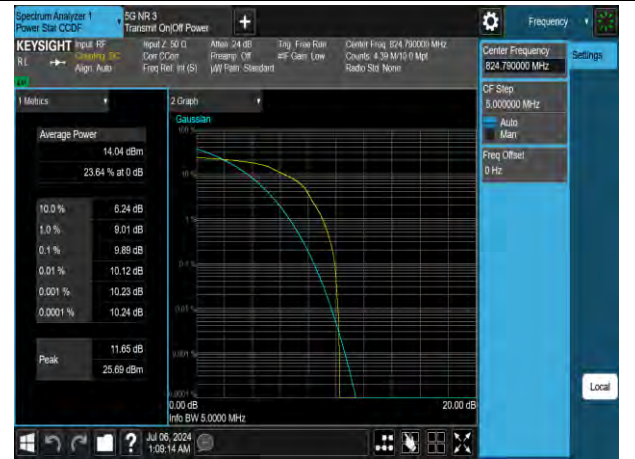


## LTE FDD Band 5, Nominal Bandwidth: 5MHz

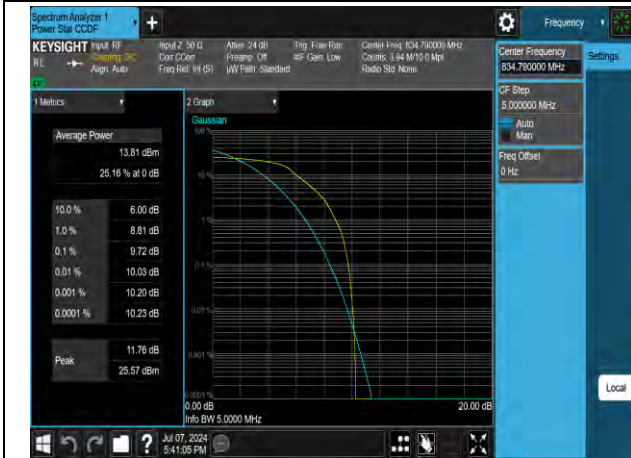
### QPSK Low channel-6 RB offset 0



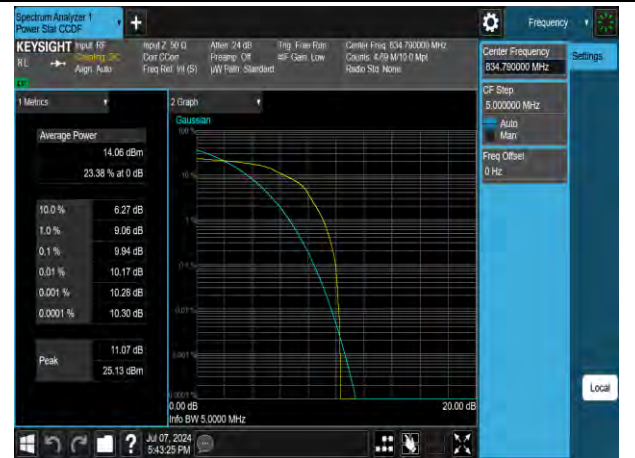
### 16QAM Low channel-5 RB offset 0



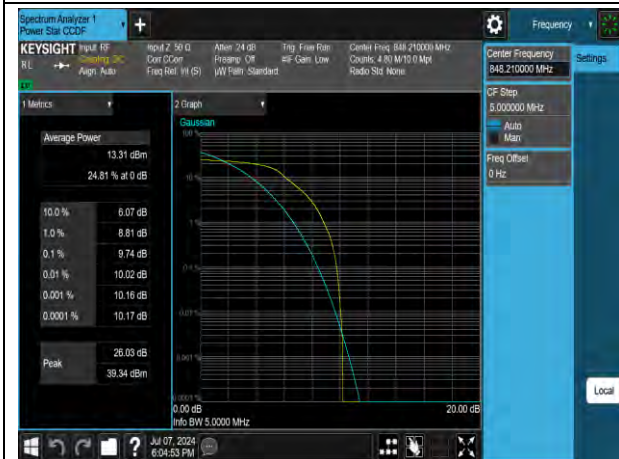
### QPSK Middle channel-6 RB offset 0



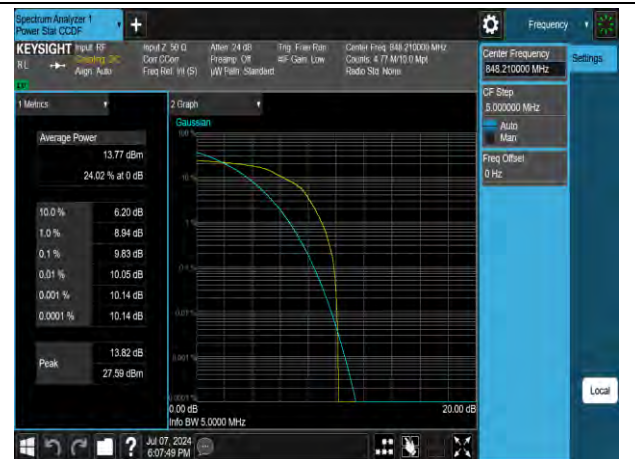
### 16QAM Middle channel-5 RB offset 0



### QPSK High channel-6 RB offset 0



### 16QAM High channel-5 RB offset 0

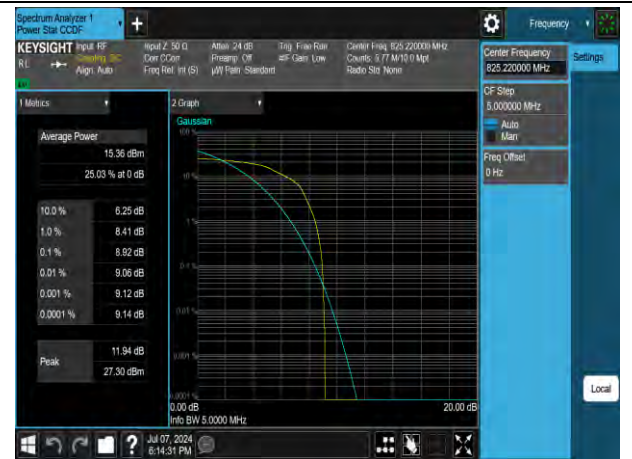


# LTE FDD Band 5, Nominal Bandwidth: 10MHz

## QPSK Low channel-6 RB offset 0



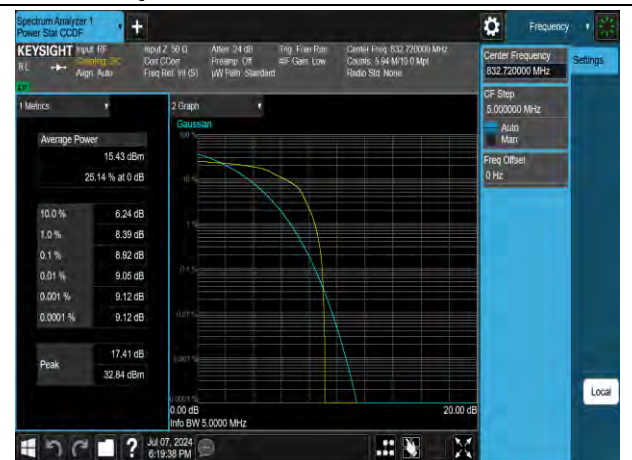
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



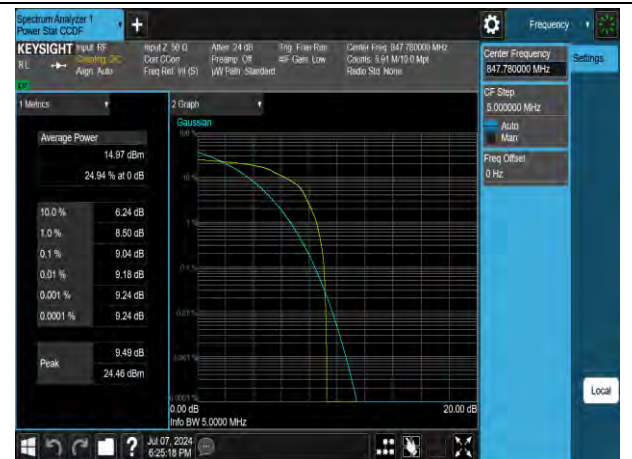
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0



| LTE FDD Band 12, Nominal Bandwidth: 1.4MHz |         |                  |        |                  |            |         |
|--------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                            |         | Size             | Offset |                  |            |         |
| QPSK                                       | LCH     | 6                | 0      | 9.75             | 13         | Pass    |
|                                            | MCH     | 6                | 0      | 9.59             | 13         | Pass    |
|                                            | HCH     | 6                | 0      | 9.84             | 13         | Pass    |
| 16QAM                                      | LCH     | 5                | 0      | 10.19            | 13         | Pass    |
|                                            | MCH     | 5                | 0      | 10.13            | 13         | Pass    |
|                                            | HCH     | 5                | 0      | 10.34            | 13         | Pass    |

| LTE FDD Band 12, Nominal Bandwidth: 3MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 9.95             | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 10.09            | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 10.01            | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 10.26            | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 10.27            | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 10.48            | 13         | Pass    |

| LTE FDD Band 12, Nominal Bandwidth: 5MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 9.60             | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 9.82             | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 9.55             | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.82             | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 9.94             | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 10.02            | 13         | Pass    |

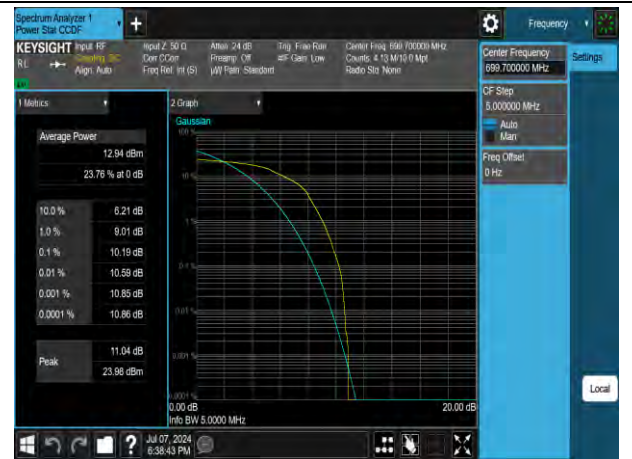
| LTE FDD Band 12, Nominal Bandwidth: 10MHz |         |                  |        |                  |            |         |
|-------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                           |         | Size             | Offset |                  |            |         |
| QPSK                                      | LCH     | 6                | 0      | 9.67             | 13         | Pass    |
|                                           | MCH     | 6                | 0      | 9.49             | 13         | Pass    |
|                                           | HCH     | 6                | 0      | 9.64             | 13         | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 8.75             | 13         | Pass    |
|                                           | MCH     | 5                | 0      | 9.50             | 13         | Pass    |
|                                           | HCH     | 5                | 0      | 9.12             | 13         | Pass    |

# LTE FDD Band 12, Nominal Bandwidth: 1.4MHz

## QPSK Low channel-6 RB offset 0



## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



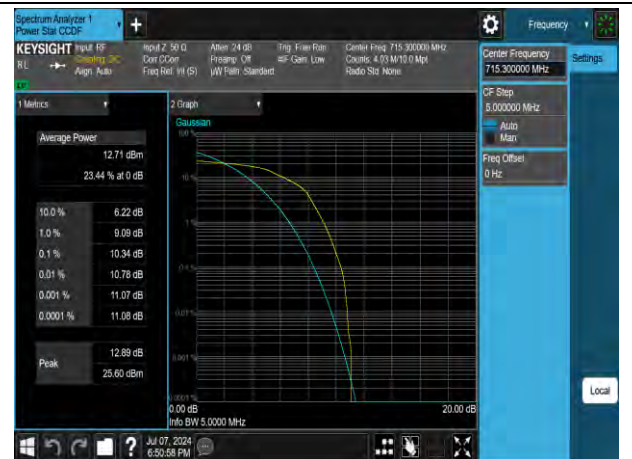
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

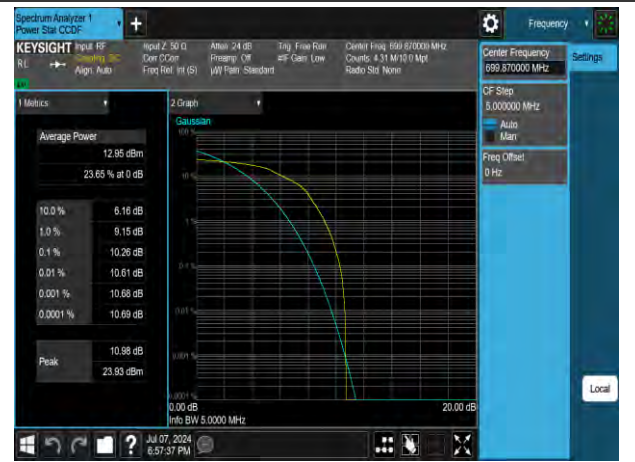


# LTE FDD Band 12, Nominal Bandwidth: 3MHz

## QPSK Low channel-6 RB offset 0



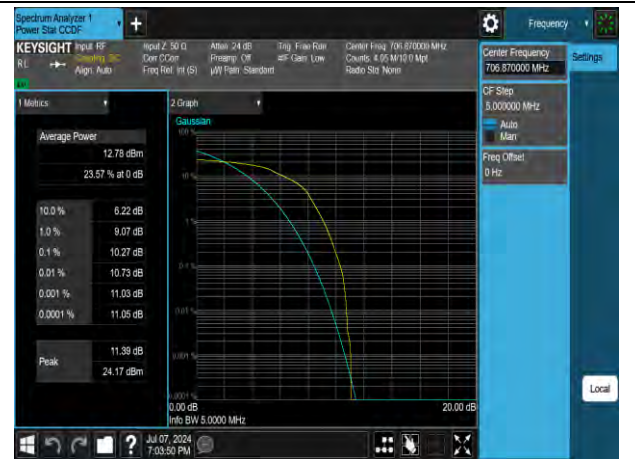
## 16QAM Low channel-5 RB offset 0



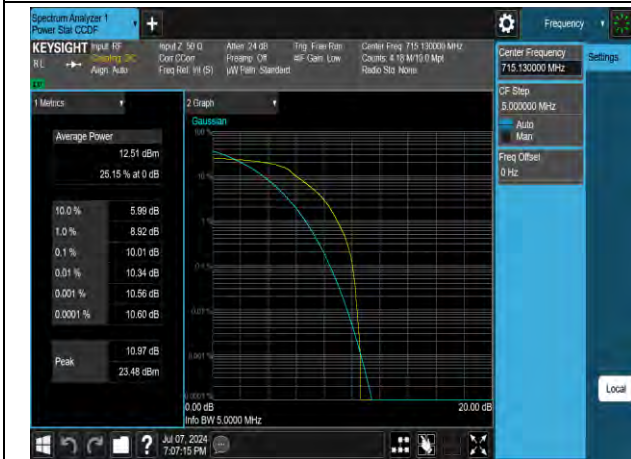
## QPSK Middle channel-6 RB offset 0



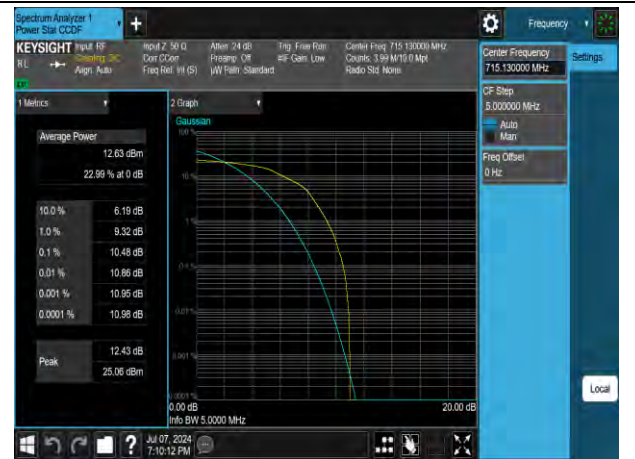
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

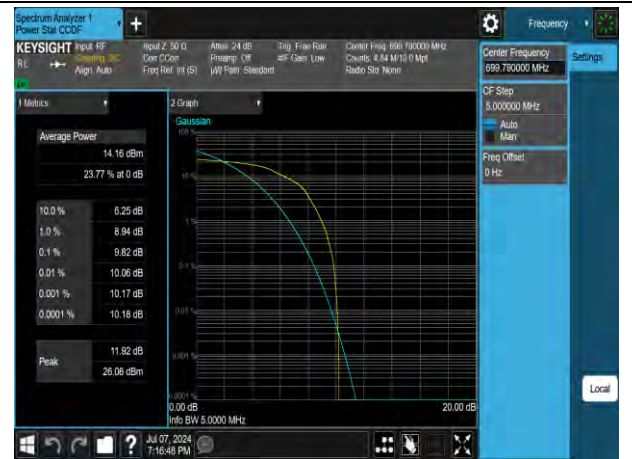


# LTE FDD Band 12, Nominal Bandwidth: 5MHz

QPSK Low channel-6 RB offset 0



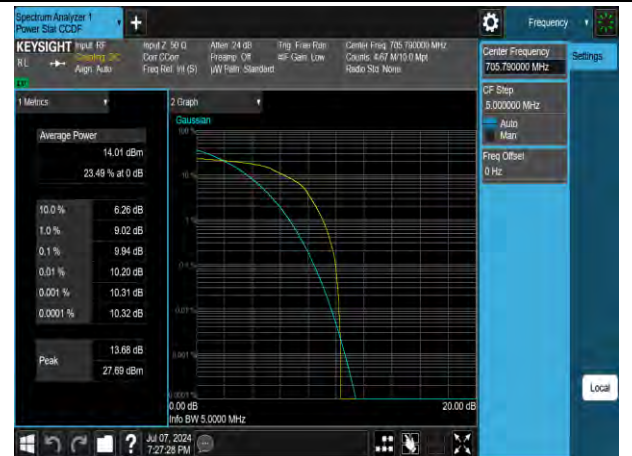
16QAM Low channel-5 RB offset 0



QPSK Middle channel-6 RB offset 0



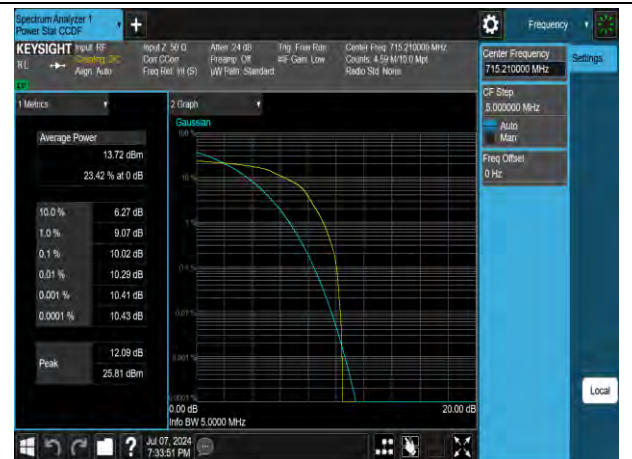
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0



16QAM High channel-5 RB offset 0

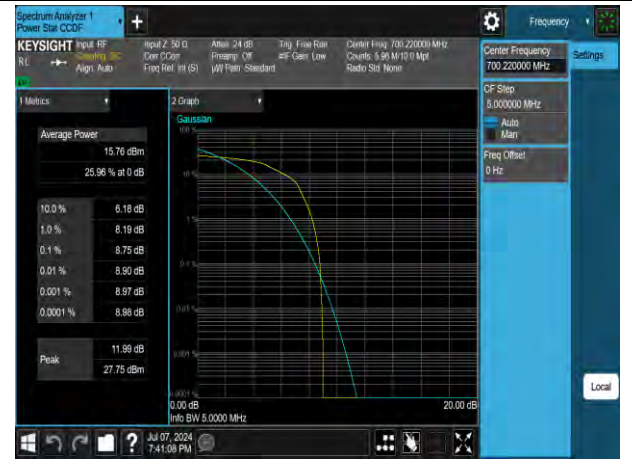


# LTE FDD Band 12, Nominal Bandwidth: 10MHz

## QPSK Low channel-6 RB offset 0



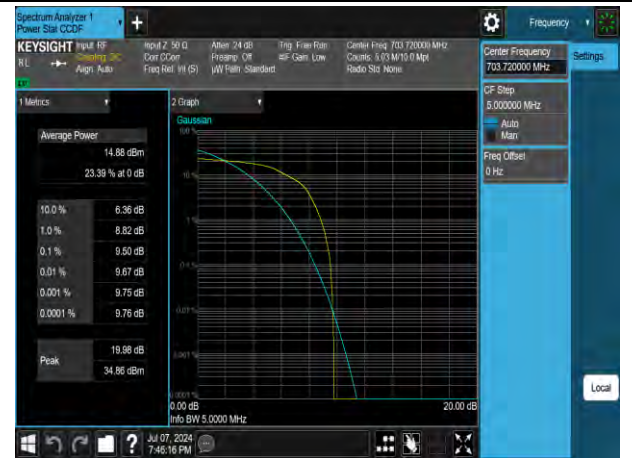
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



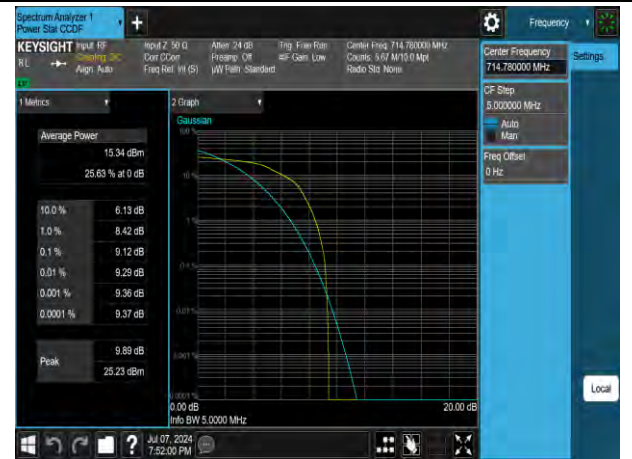
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0



| LTE FDD Band 13, Nominal Bandwidth: 5MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 9.65                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 9.46                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 9.60                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.80                | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 9.55                | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 9.79                | 13            | Pass    |

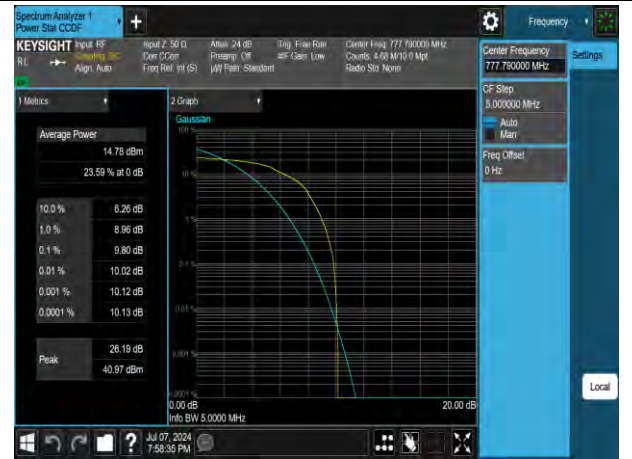
| LTE FDD Band 13, Nominal Bandwidth: 10MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | MCH     | 6                | 0      | 9.55                | 13            | Pass    |
| 16QAM                                     | MCH     | 5                | 0      | 9.08                | 13            | Pass    |

# LTE FDD Band 13, Nominal Bandwidth: 5MHz

## QPSK Low channel-6 RB offset 0



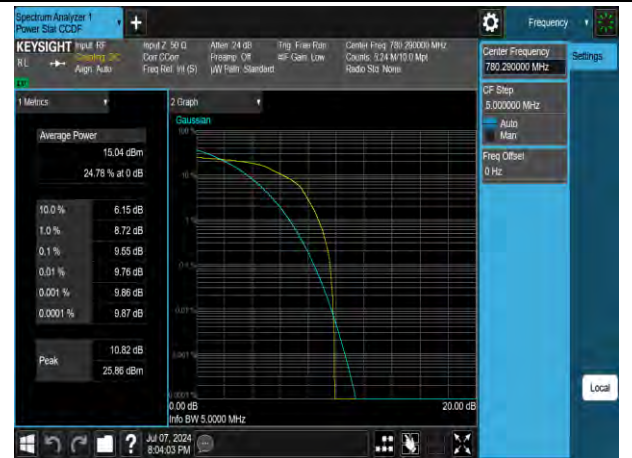
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

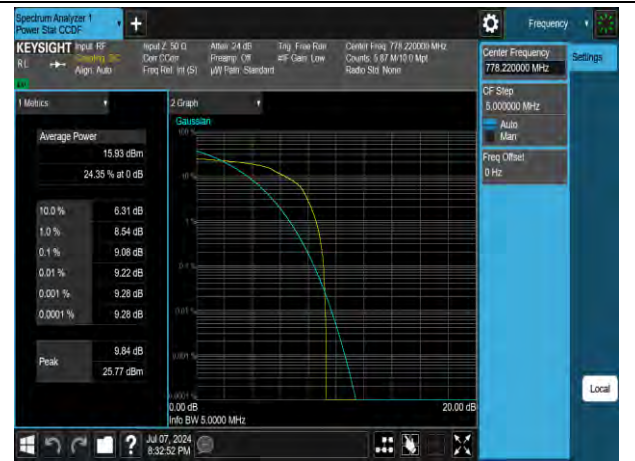


LTE FDD Band 13, Nominal Bandwidth: 10MHz

QPSK Middle channel-6 RB offset 0



16QAM Middle channel-5 RB offset 0

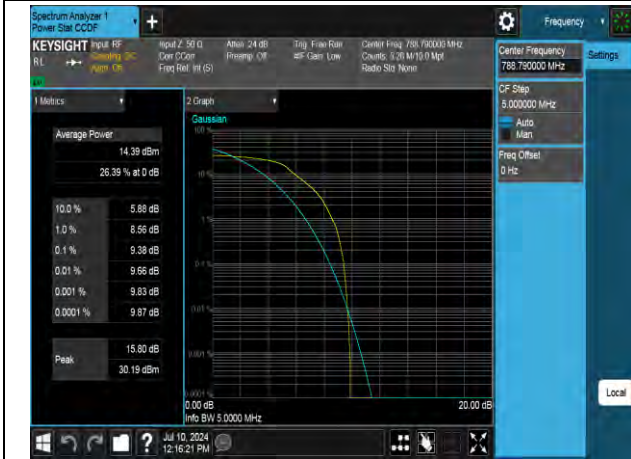


| LTE FDD Band 14, Nominal Bandwidth: 5MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 9.38                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 9.61                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 9.31                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 10.12               | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 10.37               | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 10.28               | 13            | Pass    |

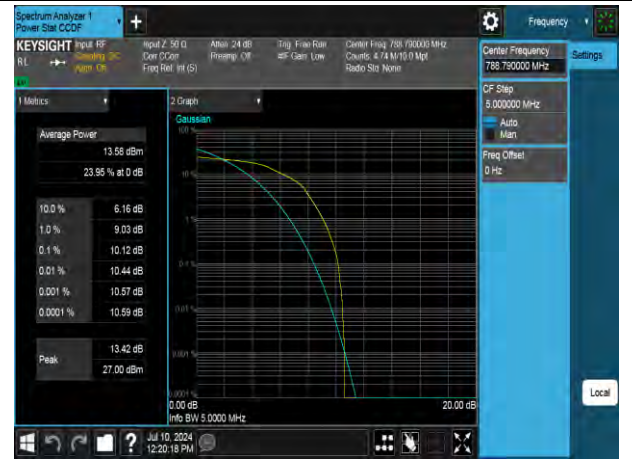
| LTE FDD Band 14, Nominal Bandwidth: 10MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | MCH     | 6                | 0      | 9.61                | 13            | Pass    |
| 16QAM                                     | MCH     | 5                | 0      | 9.16                | 13            | Pass    |

# LTE FDD Band 14, Nominal Bandwidth: 5MHz

QPSK Low channel-6 RB offset 0



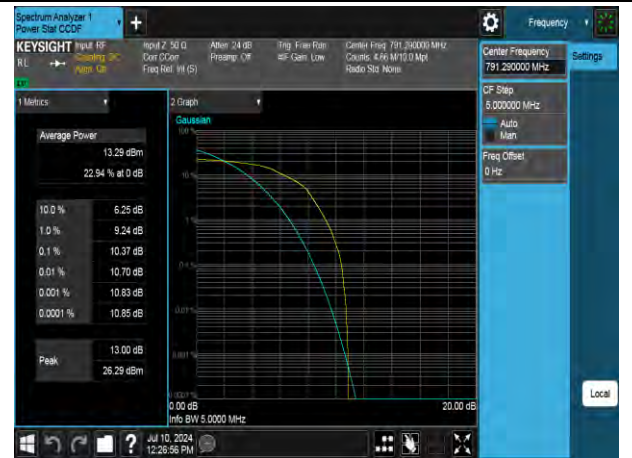
16QAM Low channel-5 RB offset 0



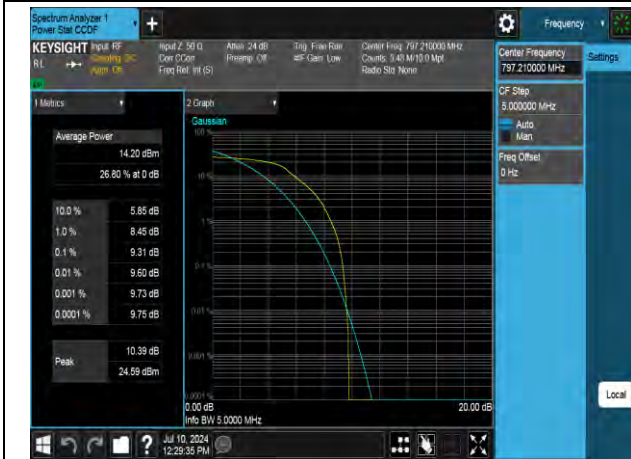
QPSK Middle channel-6 RB offset 0



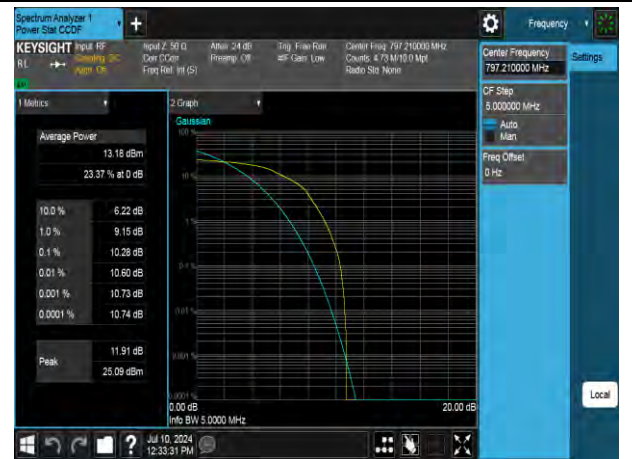
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0

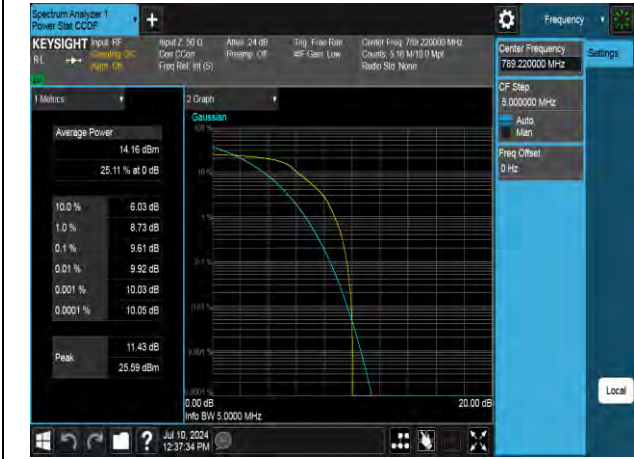


16QAM High channel-5 RB offset 0



LTE FDD Band 14, Nominal Bandwidth: 10MHz

QPSK Middle channel-6 RB offset 0



16QAM Middle channel-5 RB offset 0



| LTE FDD Band 25, Nominal Bandwidth: 1.4MHz |         |                  |        |                  |            |         |
|--------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                            |         | Size             | Offset |                  |            |         |
| QPSK                                       | LCH     | 6                | 0      | 9.88             | 13         | Pass    |
|                                            | MCH     | 6                | 0      | 10.01            | 13         | Pass    |
|                                            | HCH     | 6                | 0      | 9.87             | 13         | Pass    |
| 16QAM                                      | LCH     | 5                | 0      | 10.24            | 13         | Pass    |
|                                            | MCH     | 5                | 0      | 10.63            | 13         | Pass    |
|                                            | HCH     | 5                | 0      | 10.44            | 13         | Pass    |

| LTE FDD Band 25, Nominal Bandwidth: 3MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 10.20            | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 9.99             | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 10.04            | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 10.71            | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 10.46            | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 10.62            | 13         | Pass    |

| LTE FDD Band 25, Nominal Bandwidth: 5MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 9.68             | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 9.51             | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 9.69             | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.94             | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 10.00            | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 9.98             | 13         | Pass    |

| LTE FDD Band 25, Nominal Bandwidth: 10MHz |         |                  |        |                  |            |         |
|-------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                           |         | Size             | Offset |                  |            |         |
| QPSK                                      | LCH     | 6                | 0      | 9.81             | 13         | Pass    |
|                                           | MCH     | 6                | 0      | 9.73             | 13         | Pass    |
|                                           | HCH     | 6                | 0      | 9.76             | 13         | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 9.55             | 13         | Pass    |
|                                           | MCH     | 5                | 0      | 9.20             | 13         | Pass    |
|                                           | HCH     | 5                | 0      | 9.26             | 13         | Pass    |

| LTE FDD Band 25, Nominal Bandwidth: 15MHz |         |                  |        |                  |            |         |
|-------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                           |         | Size             | Offset |                  |            |         |
| QPSK                                      | LCH     | 6                | 0      | 9.37             | 13         | Pass    |
|                                           | MCH     | 6                | 0      | 8.84             | 13         | Pass    |
|                                           | HCH     | 6                | 0      | 9.14             | 13         | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 9.52             | 13         | Pass    |
|                                           | MCH     | 5                | 0      | 9.61             | 13         | Pass    |
|                                           | HCH     | 5                | 0      | 9.11             | 13         | Pass    |

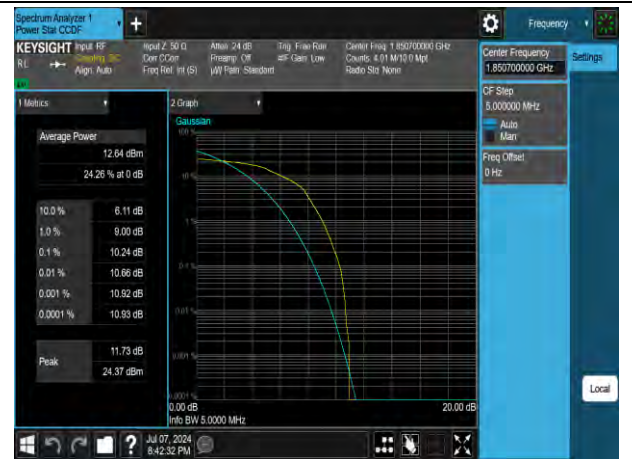
| LTE FDD Band 25, Nominal Bandwidth: 20MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.16                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.14                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.09                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 9.68                | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 9.15                | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 9.46                | 13            | Pass    |

# LTE FDD Band 25, Nominal Bandwidth: 1.4MHz

## QPSK Low channel-6 RB offset 0



## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



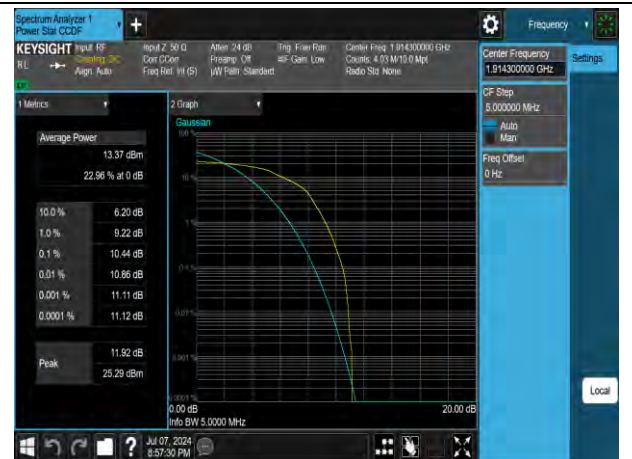
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

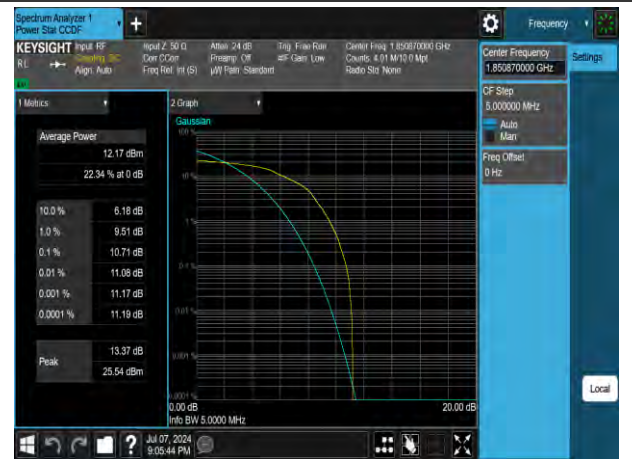


# LTE FDD Band 25, Nominal Bandwidth: 3MHz

## QPSK Low channel-6 RB offset 0



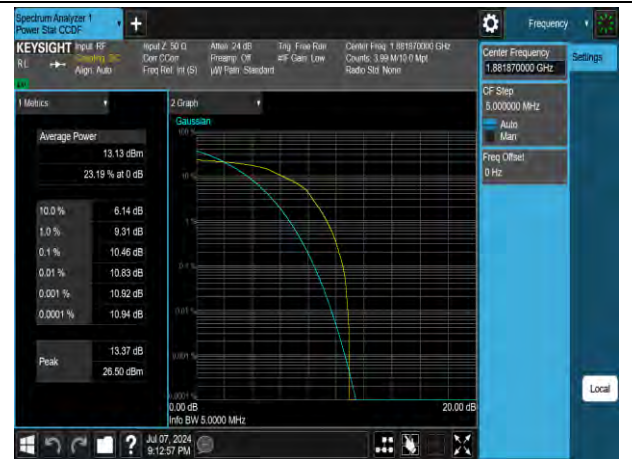
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



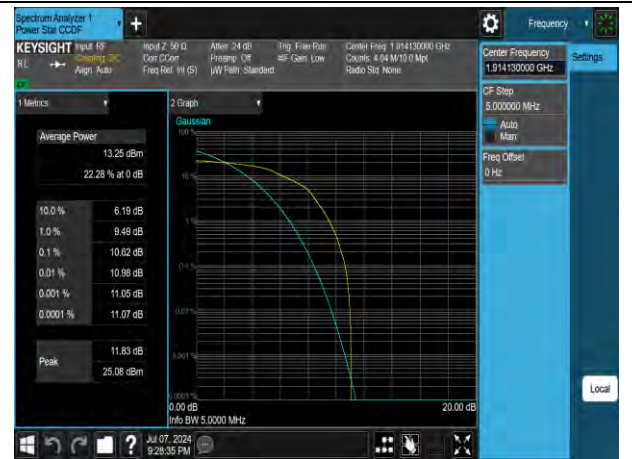
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0

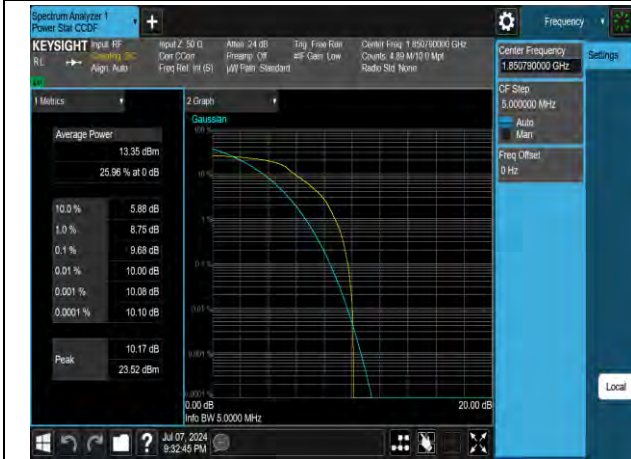


## 16QAM High channel-5 RB offset 0

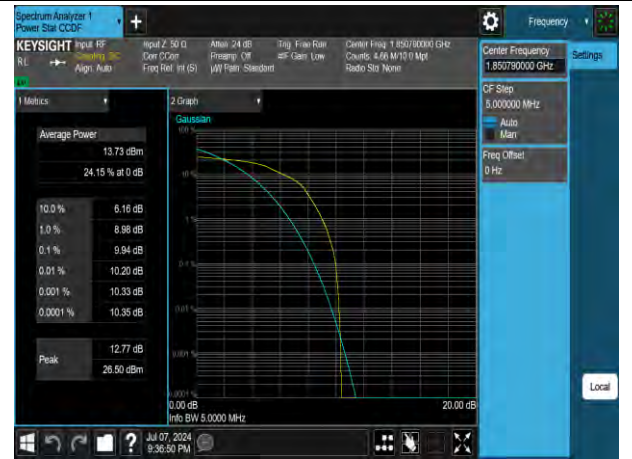


# LTE FDD Band 25, Nominal Bandwidth: 5MHz

## QPSK Low channel-6 RB offset 0



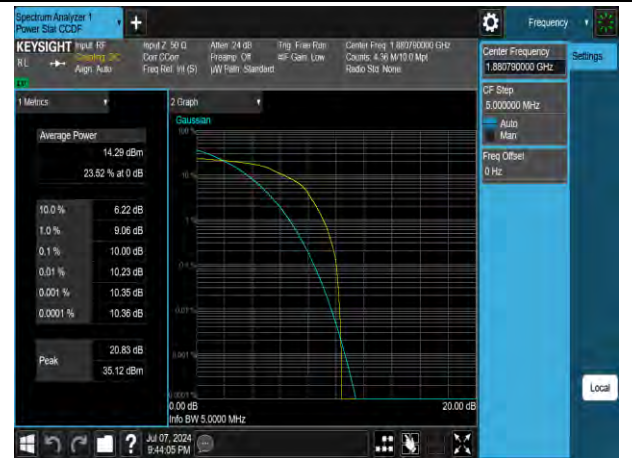
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



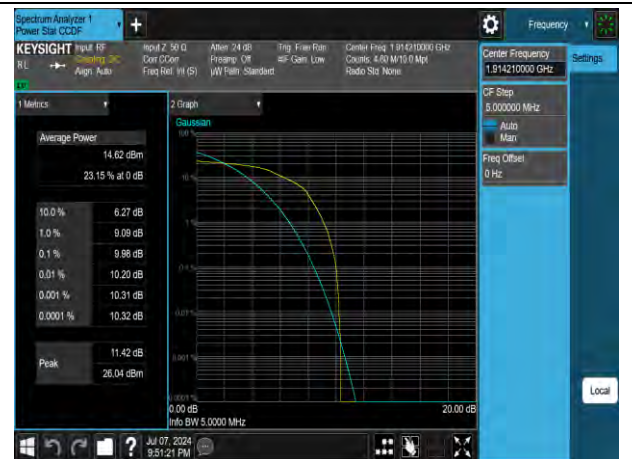
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

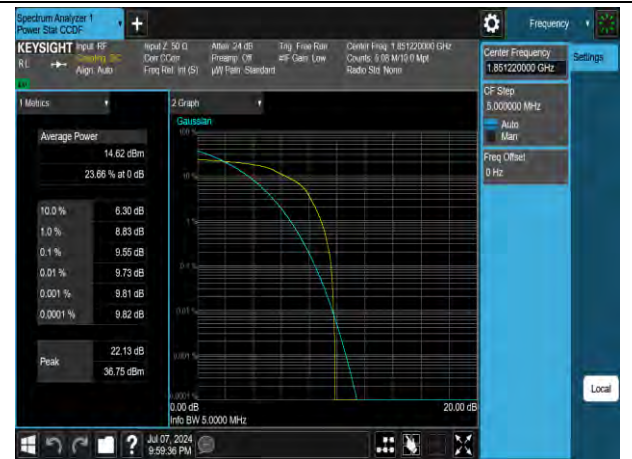


# LTE FDD Band 25, Nominal Bandwidth: 10MHz

## QPSK Low channel-6 RB offset 0



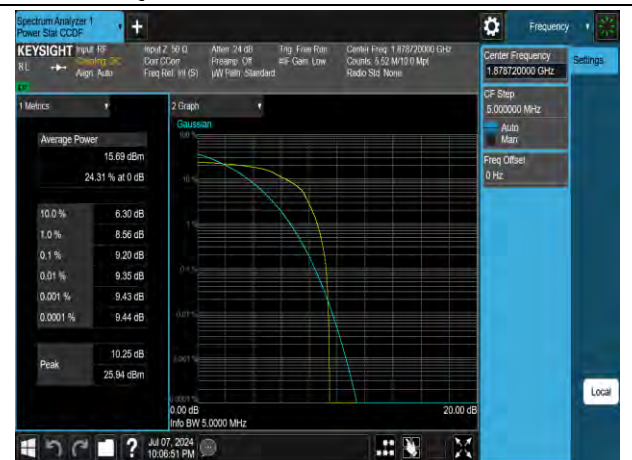
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0

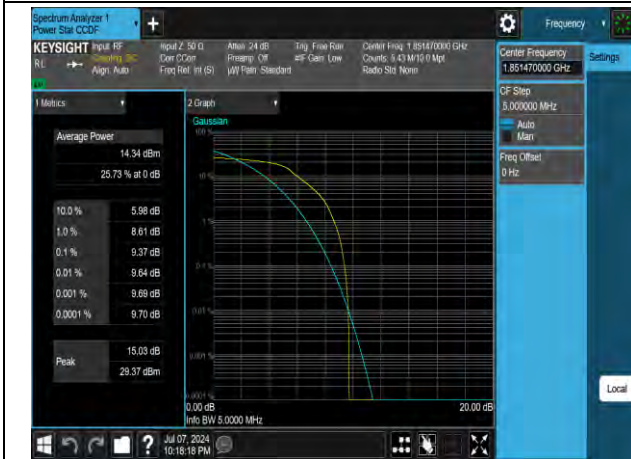


## 16QAM High channel-5 RB offset 0

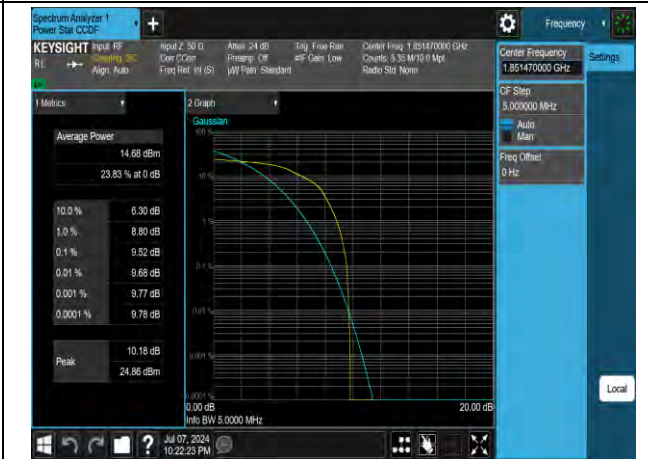


# LTE FDD Band 25, Nominal Bandwidth: 15MHz

## QPSK Low channel-6 RB offset 0



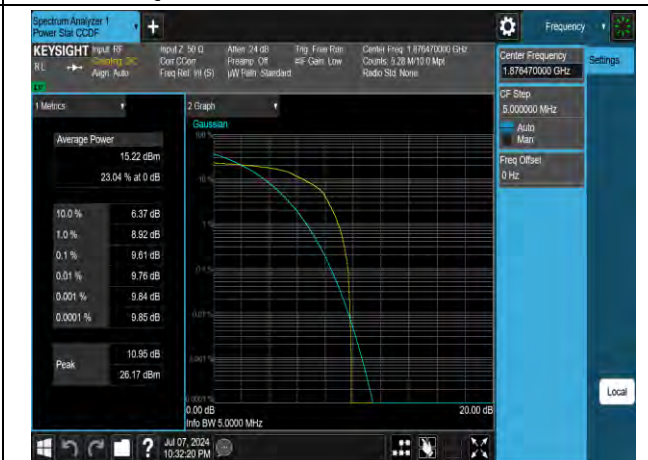
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



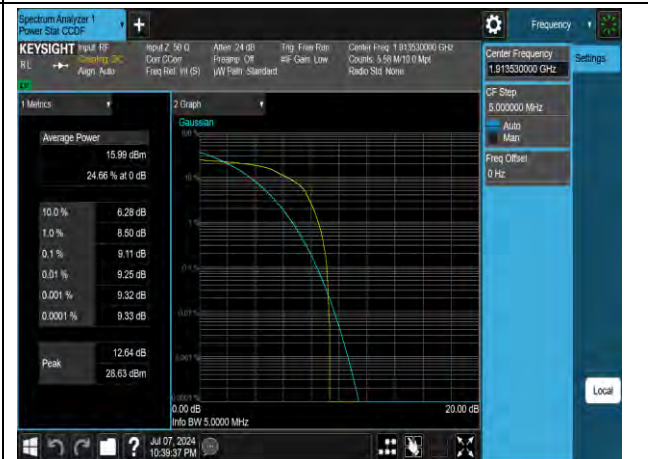
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

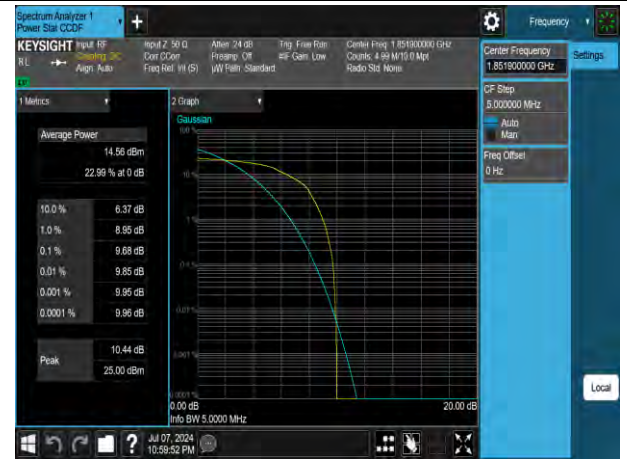


## LTE FDD Band 25, Nominal Bandwidth: 20MHz

**QPSK Low channel-6 RB offset 0**



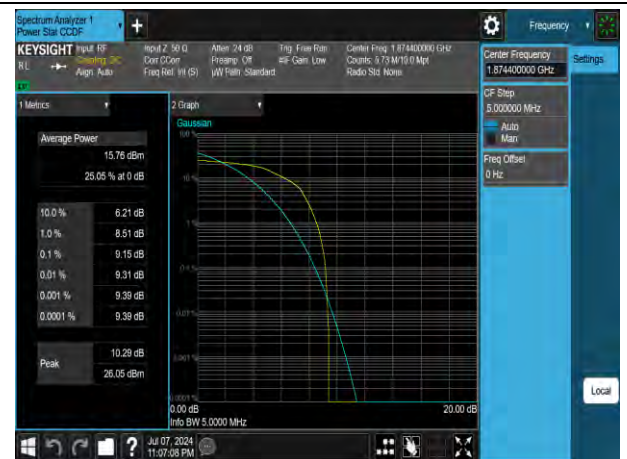
**16QAM Low channel-5 RB offset 0**



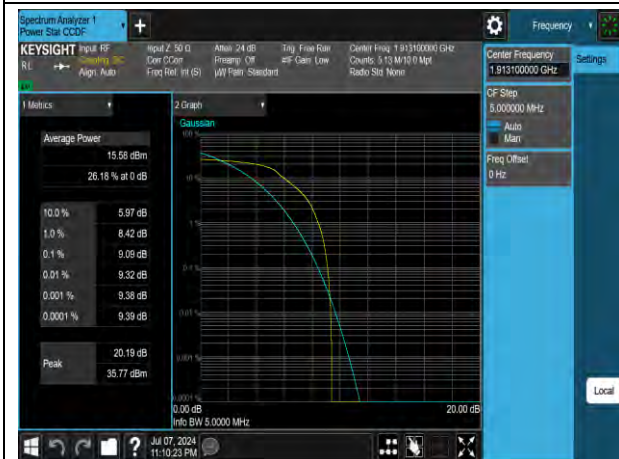
**QPSK Middle channel-6 RB offset 0**



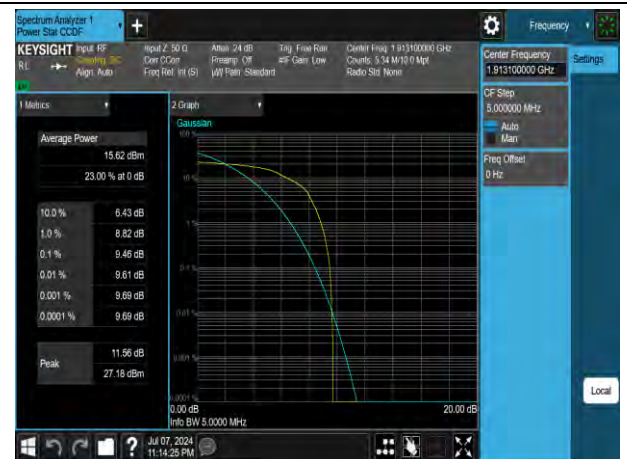
**16QAM Middle channel-5 RB offset 0**



**QPSK High channel-6 RB offset 0**



**16QAM High channel-5 RB offset 0**



| LTE FDD Band 26a, Nominal Bandwidth: 1.4MHz |         |                  |        |                     |               |         |
|---------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                  | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                             |         | Size             | Offset |                     |               |         |
| QPSK                                        | LCH     | 6                | 0      | 9.89                | 13            | Pass    |
|                                             | MCH     | 6                | 0      | 9.80                | 13            | Pass    |
|                                             | HCH     | 6                | 0      | 9.88                | 13            | Pass    |
| 16QAM                                       | LCH     | 6                | 0      | 10.33               | 13            | Pass    |
|                                             | MCH     | 6                | 0      | 10.34               | 13            | Pass    |
|                                             | HCH     | 6                | 0      | 10.33               | 13            | Pass    |

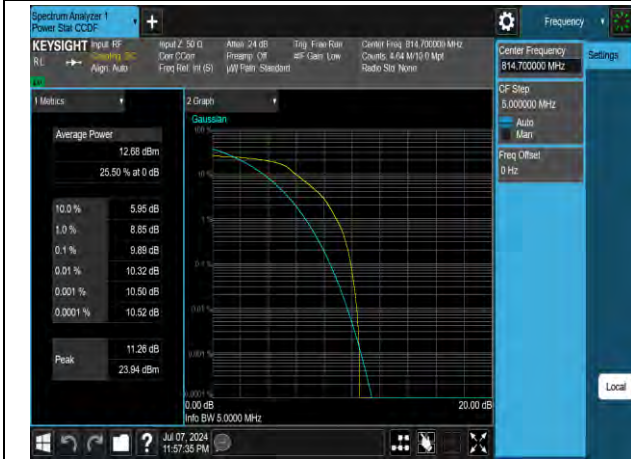
| LTE FDD Band 26a, Nominal Bandwidth: 3MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.79                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.95                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.89                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 10.49               | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 10.46               | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 10.37               | 13            | Pass    |

| LTE FDD Band 26a, Nominal Bandwidth: 5MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.63                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.58                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.29                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 10.07               | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 9.98                | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 9.96                | 13            | Pass    |

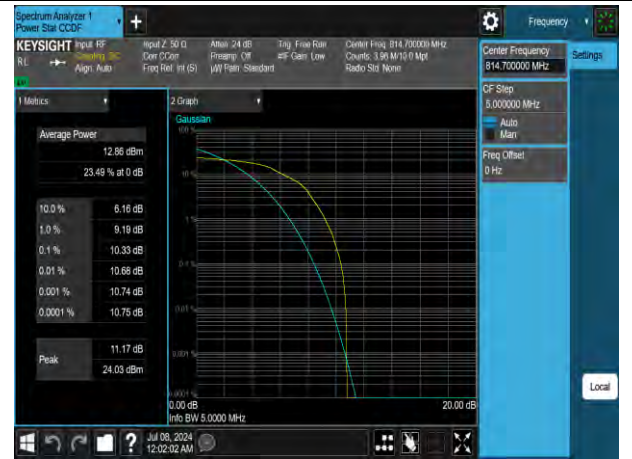
| LTE FDD Band 26a, Nominal Bandwidth: 10MHz |         |                  |        |                     |               |         |
|--------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                            |         | Size             | Offset |                     |               |         |
| QPSK                                       | MCH     | 6                | 0      | 9.60                | 13            | Pass    |
| 16QAM                                      | MCH     | 5                | 0      | 9.12                | 13            | Pass    |

# LTE FDD Band 26a, Nominal Bandwidth: 1.4MHz

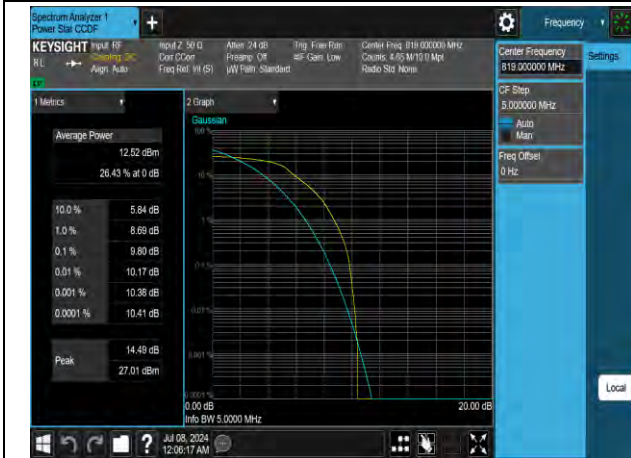
## QPSK Low channel-6 RB offset 0



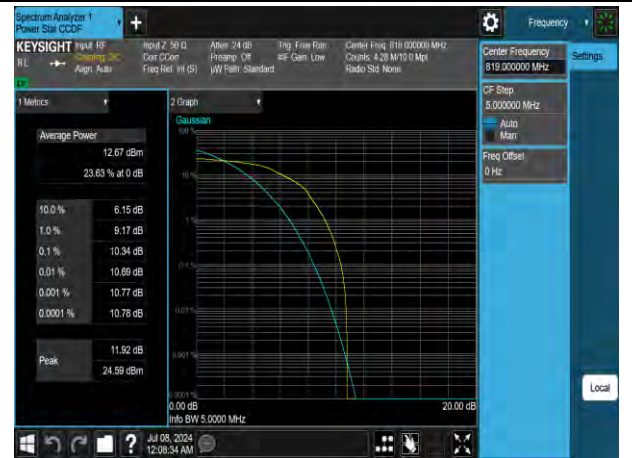
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

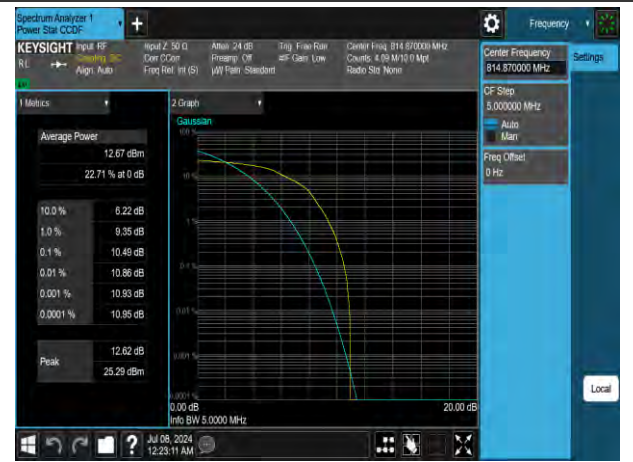


# LTE FDD Band 26a, Nominal Bandwidth: 3MHz

## QPSK Low channel-6 RB offset 0



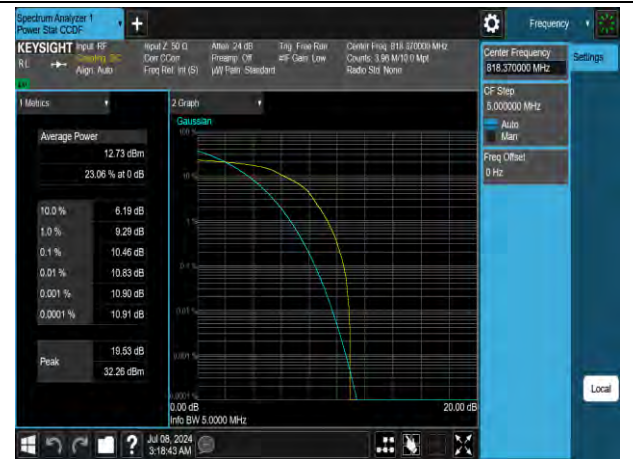
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



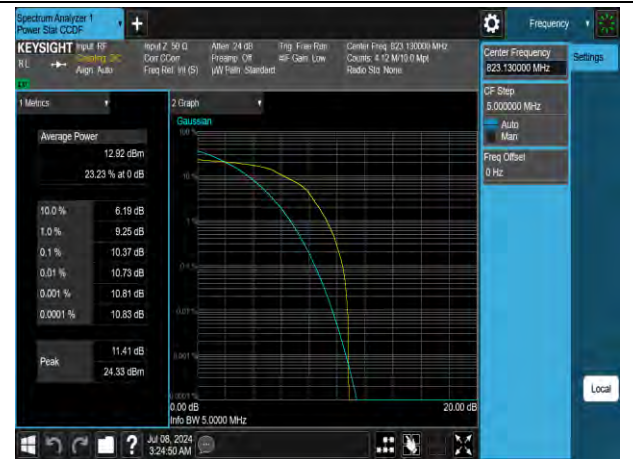
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

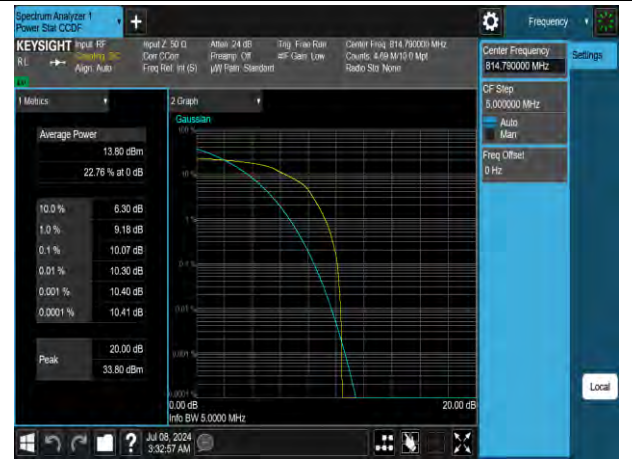


# LTE FDD Band 26a, Nominal Bandwidth: 5MHz

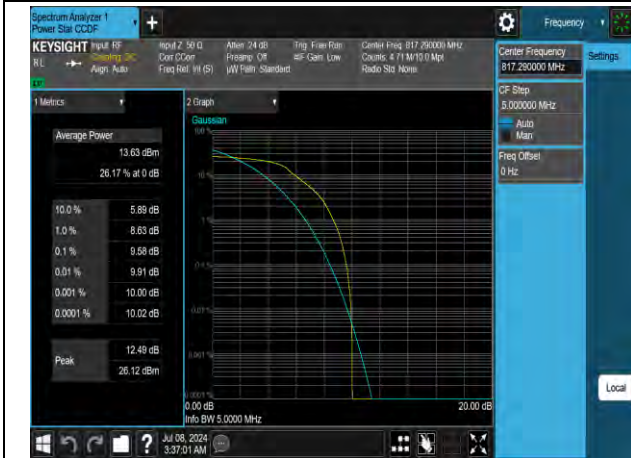
## QPSK Low channel-6 RB offset 0



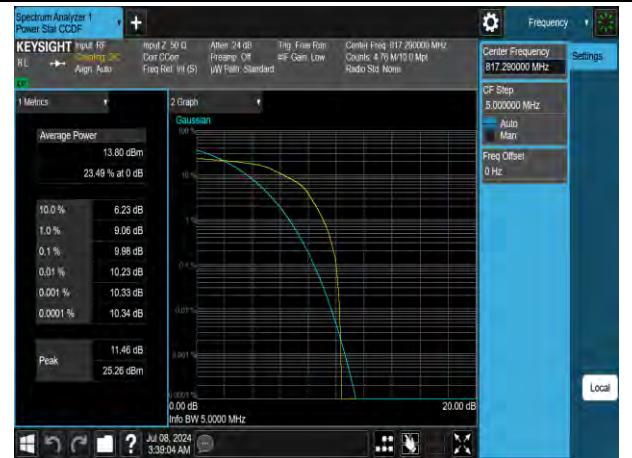
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

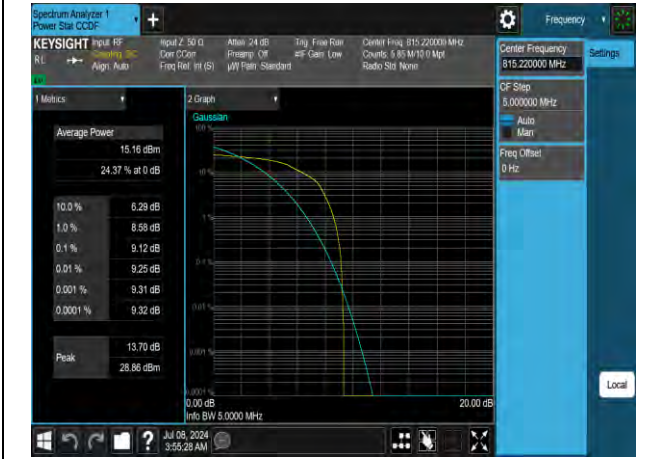


# LTE FDD Band 26a, Nominal Bandwidth: 10MHz

## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



| LTE FDD Band 26b, Nominal Bandwidth: 1.4MHz |         |                  |        |                     |               |         |
|---------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                  | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                             |         | Size             | Offset |                     |               |         |
| QPSK                                        | LCH     | 6                | 0      | 9.61                | 13            | Pass    |
|                                             | MCH     | 6                | 0      | 9.75                | 13            | Pass    |
|                                             | HCH     | 6                | 0      | 9.84                | 13            | Pass    |
| 16QAM                                       | LCH     | 5                | 0      | 10.24               | 13            | Pass    |
|                                             | MCH     | 5                | 0      | 10.20               | 13            | Pass    |
|                                             | HCH     | 5                | 0      | 10.39               | 13            | Pass    |

| LTE FDD Band 26b, Nominal Bandwidth: 3MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.86                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.83                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.95                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 10.46               | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 10.34               | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 10.39               | 13            | Pass    |

| LTE FDD Band 26b, Nominal Bandwidth: 5MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.44                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.40                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.53                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 9.78                | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 9.70                | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 9.91                | 13            | Pass    |

| LTE FDD Band 26b, Nominal Bandwidth: 10MHz |         |                  |        |                     |               |         |
|--------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                            |         | Size             | Offset |                     |               |         |
| QPSK                                       | LCH     | 6                | 0      | 9.44                | 13            | Pass    |
|                                            | MCH     | 6                | 0      | 9.40                | 13            | Pass    |
|                                            | HCH     | 6                | 0      | 9.32                | 13            | Pass    |
| 16QAM                                      | LCH     | 5                | 0      | 9.12                | 13            | Pass    |
|                                            | MCH     | 5                | 0      | 9.02                | 13            | Pass    |
|                                            | HCH     | 5                | 0      | 8.87                | 13            | Pass    |

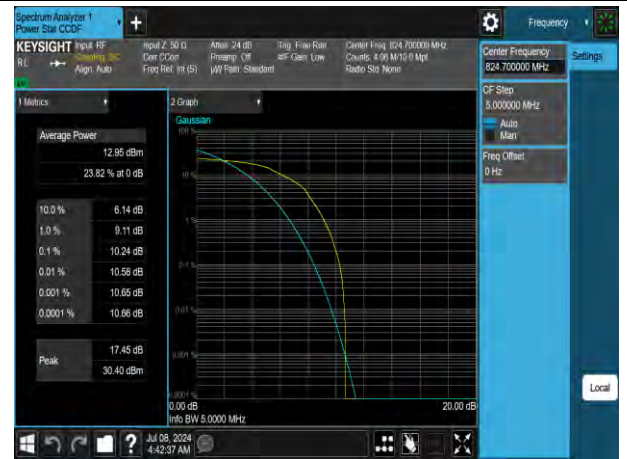
| LTE FDD Band 26 cross rule, Nominal Bandwidth: 15MHz |         |                  |        |                     |               |         |
|------------------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                           | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                                      |         | Size             | Offset |                     |               |         |
| QPSK                                                 | LCH     | 6                | 0      | 9.04                | 13            | Pass    |
|                                                      | MCH     | 6                | 0      | 9.03                | 13            | Pass    |
|                                                      | HCH     | 6                | 0      | 8.77                | 13            | Pass    |
| 16QAM                                                | LCH     | 5                | 0      | 9.26                | 13            | Pass    |
|                                                      | MCH     | 5                | 0      | 9.18                | 13            | Pass    |
|                                                      | HCH     | 5                | 0      | 9.21                | 13            | Pass    |

# LTE FDD Band 26b, Nominal Bandwidth: 1.4MHz

## QPSK Low channel-6 RB offset 0



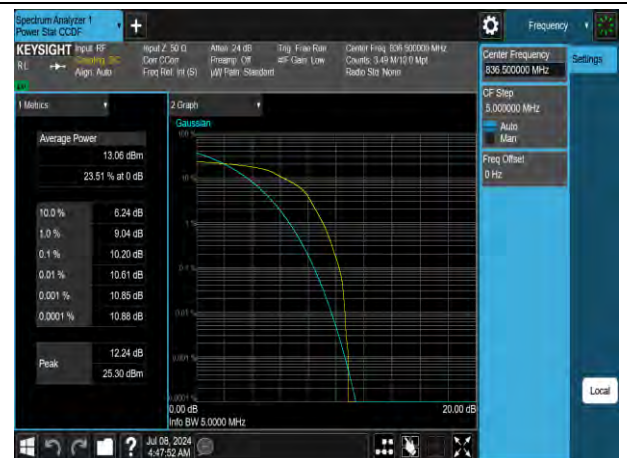
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



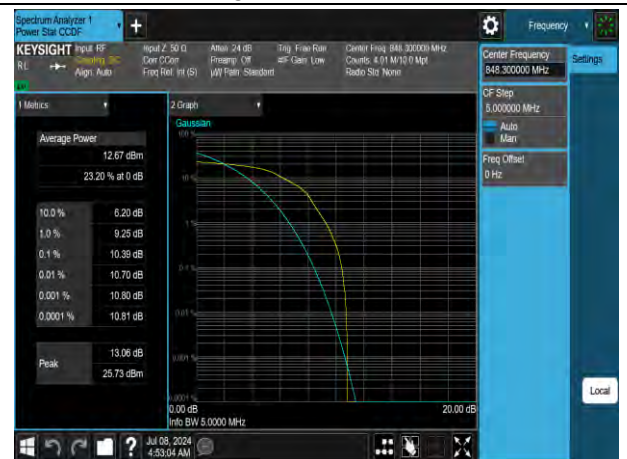
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

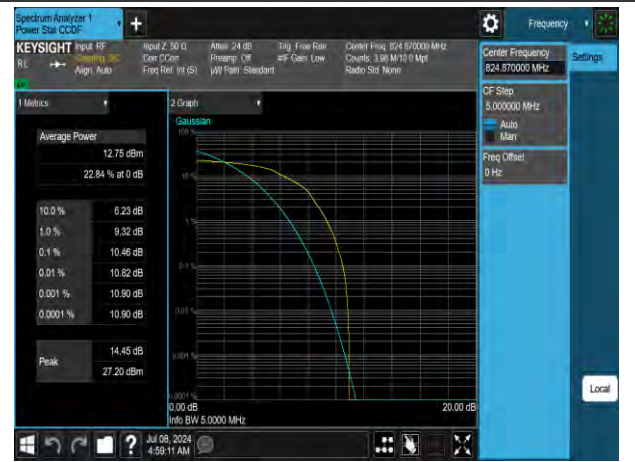


# LTE FDD Band 26b, Nominal Bandwidth: 3MHz

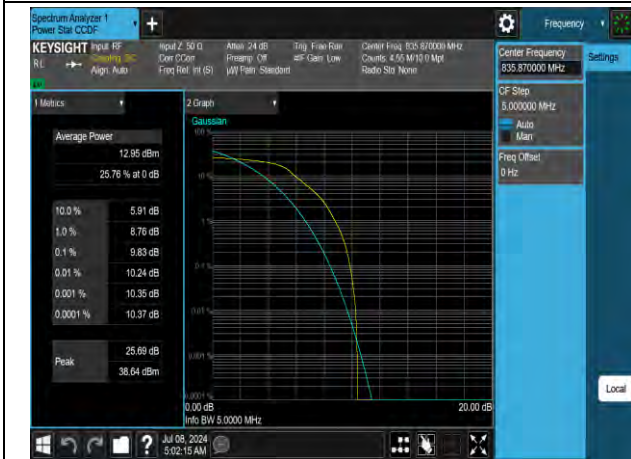
## QPSK Low channel-6 RB offset 0



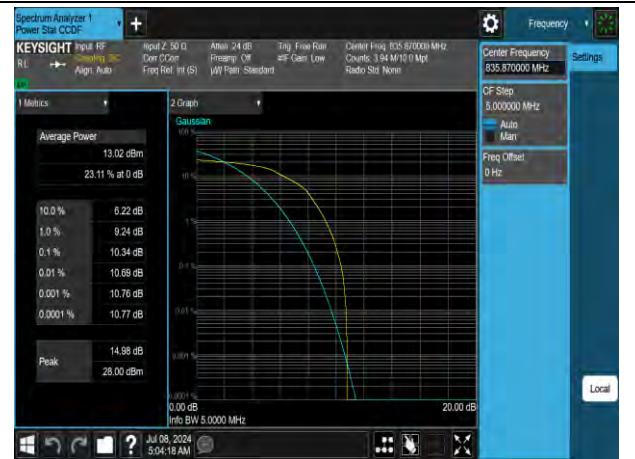
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



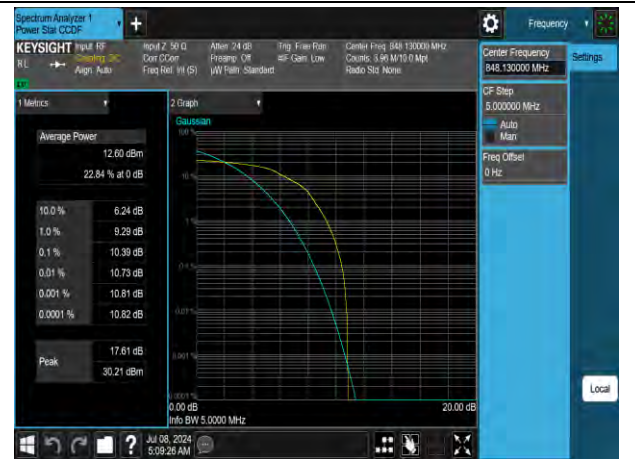
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

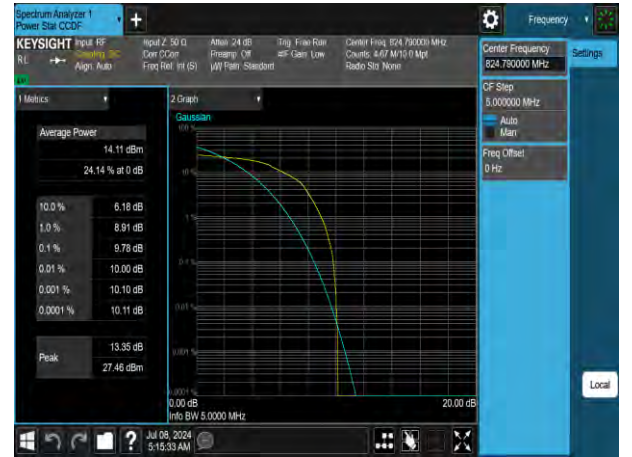


# LTE FDD Band 26b, Nominal Bandwidth: 5MHz

## QPSK Low channel-6 RB offset 0



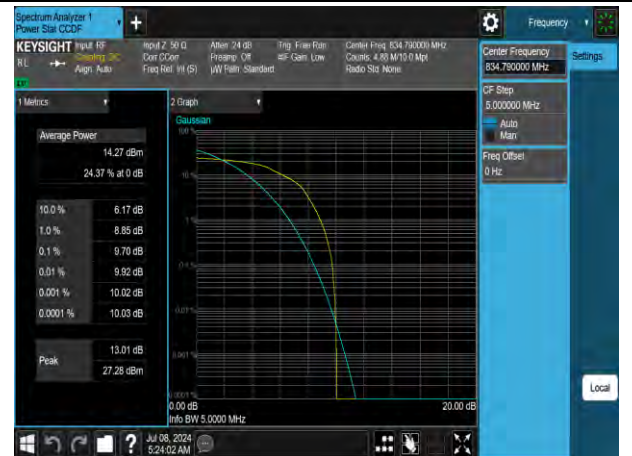
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

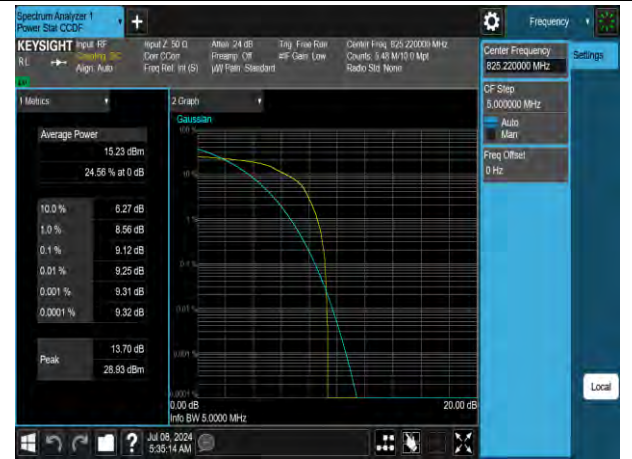


# LTE FDD Band 26b, Nominal Bandwidth: 10MHz

## QPSK Low channel-6 RB offset 0



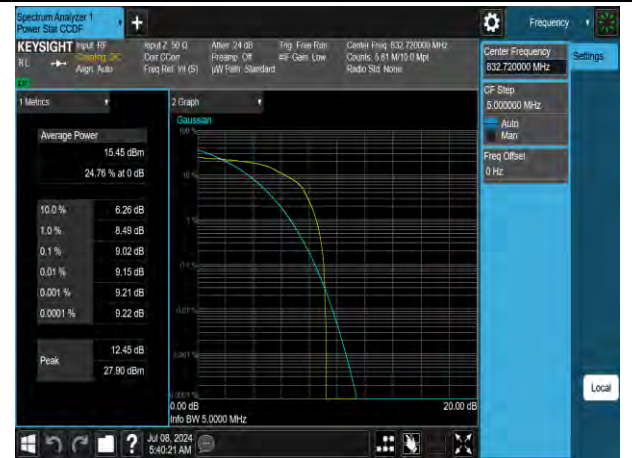
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



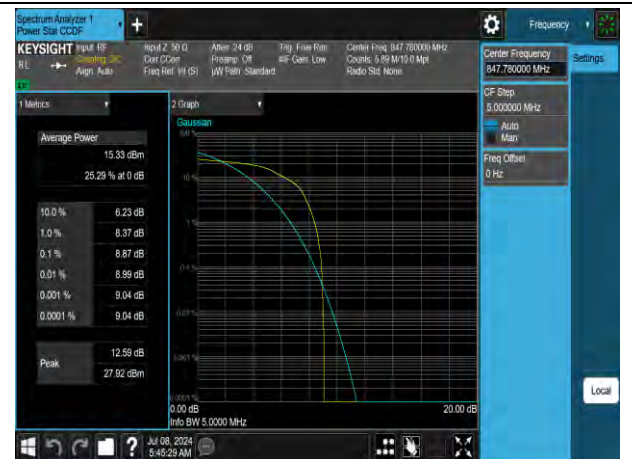
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

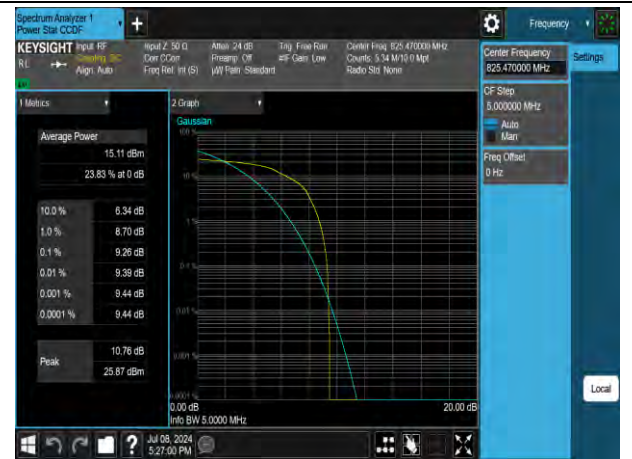


# LTE FDD Band 26b cross rule, Nominal Bandwidth: 15MHz

QPSK Low channel-6 RB offset 0



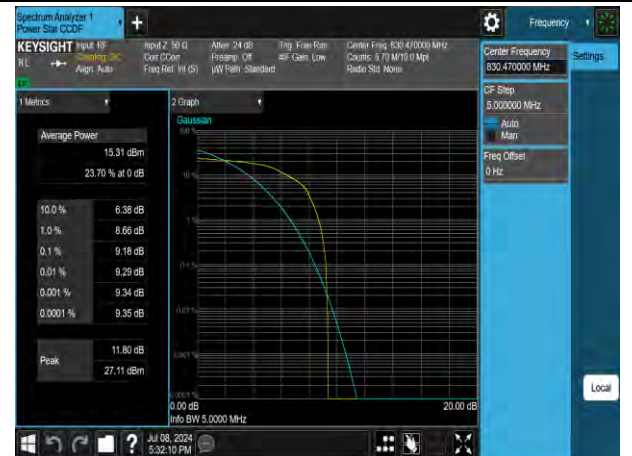
16QAM Low channel-5 RB offset 0



QPSK Middle channel-6 RB offset 0



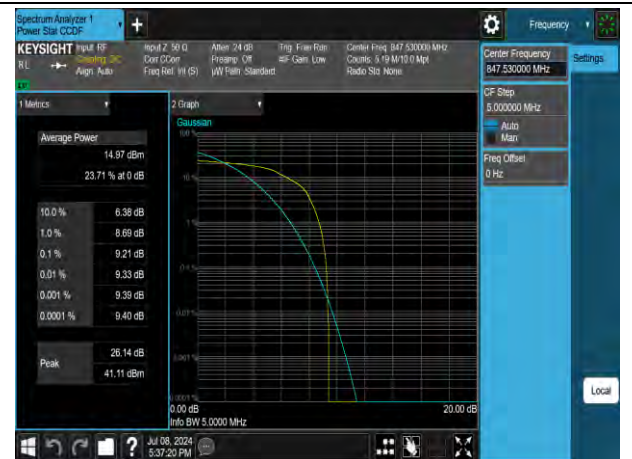
16QAM Middle channel-5 RB offset 0



QPSK High channel-6 RB offset 0



16QAM High channel-5 RB offset 0



| LTE FDD Band 66, Nominal Bandwidth: 1.4MHz |         |                  |        |                  |            |         |
|--------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                            |         | Size             | Offset |                  |            |         |
| QPSK                                       | LCH     | 6                | 0      | 9.88             | 13         | Pass    |
|                                            | MCH     | 6                | 0      | 9.93             | 13         | Pass    |
|                                            | HCH     | 6                | 0      | 10.06            | 13         | Pass    |
| 16QAM                                      | LCH     | 5                | 0      | 10.38            | 13         | Pass    |
|                                            | MCH     | 5                | 0      | 10.47            | 13         | Pass    |
|                                            | HCH     | 5                | 0      | 10.61            | 13         | Pass    |

| LTE FDD Band 66, Nominal Bandwidth: 3MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 10.20            | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 10.21            | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 10.34            | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 10.61            | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 10.48            | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 10.69            | 13         | Pass    |

| LTE FDD Band 66, Nominal Bandwidth: 5MHz |         |                  |        |                  |            |         |
|------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                          |         | Size             | Offset |                  |            |         |
| QPSK                                     | LCH     | 6                | 0      | 9.66             | 13         | Pass    |
|                                          | MCH     | 6                | 0      | 9.73             | 13         | Pass    |
|                                          | HCH     | 6                | 0      | 9.89             | 13         | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 10.26            | 13         | Pass    |
|                                          | MCH     | 5                | 0      | 10.27            | 13         | Pass    |
|                                          | HCH     | 5                | 0      | 10.14            | 13         | Pass    |

| LTE FDD Band 66, Nominal Bandwidth: 10MHz |         |                  |        |                  |            |         |
|-------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                           |         | Size             | Offset |                  |            |         |
| QPSK                                      | LCH     | 6                | 0      | 9.82             | 13         | Pass    |
|                                           | MCH     | 6                | 0      | 9.88             | 13         | Pass    |
|                                           | HCH     | 6                | 0      | 9.70             | 13         | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 9.52             | 13         | Pass    |
|                                           | MCH     | 5                | 0      | 9.72             | 13         | Pass    |
|                                           | HCH     | 5                | 0      | 9.69             | 13         | Pass    |

| LTE FDD Band 66, Nominal Bandwidth: 15MHz |         |                  |        |                  |            |         |
|-------------------------------------------|---------|------------------|--------|------------------|------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result (dB) | Limit (dB) | Verdict |
|                                           |         | Size             | Offset |                  |            |         |
| QPSK                                      | LCH     | 6                | 0      | 9.41             | 13         | Pass    |
|                                           | MCH     | 6                | 0      | 9.31             | 13         | Pass    |
|                                           | HCH     | 6                | 0      | 9.53             | 13         | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 9.63             | 13         | Pass    |
|                                           | MCH     | 5                | 0      | 9.56             | 13         | Pass    |
|                                           | HCH     | 5                | 0      | 9.86             | 13         | Pass    |

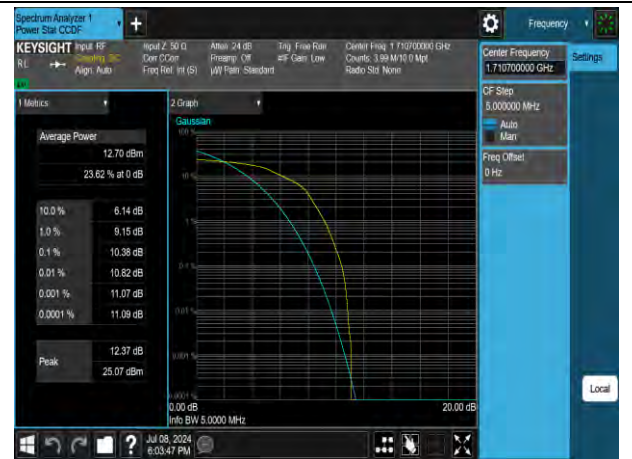
| LTE FDD Band 66, Nominal Bandwidth: 20MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.40                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.19                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.06                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 9.23                | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 9.67                | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 9.91                | 13            | Pass    |

# LTE FDD Band 66, Nominal Bandwidth: 1.4MHz

## QPSK Low channel-6 RB offset 0



## 16QAM Low channel-5 RB offset 0



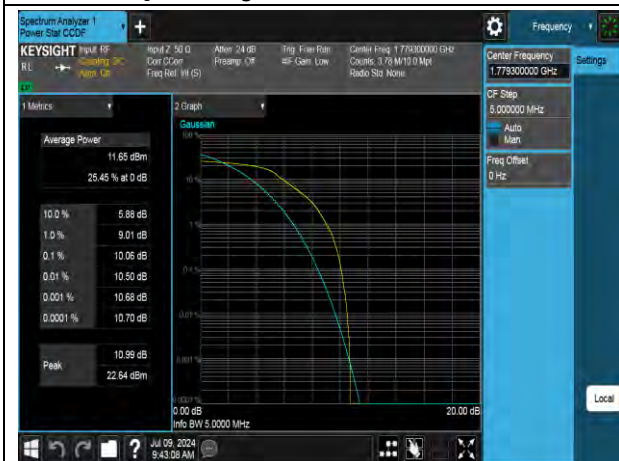
## QPSK Middle channel-6 RB offset 0



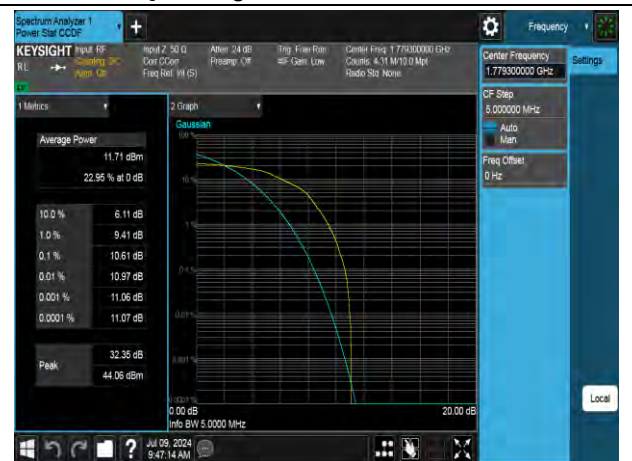
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

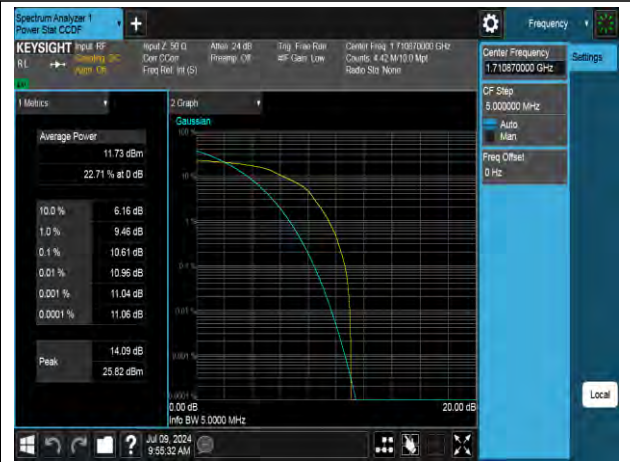


# LTE FDD Band 66, Nominal Bandwidth: 3MHz

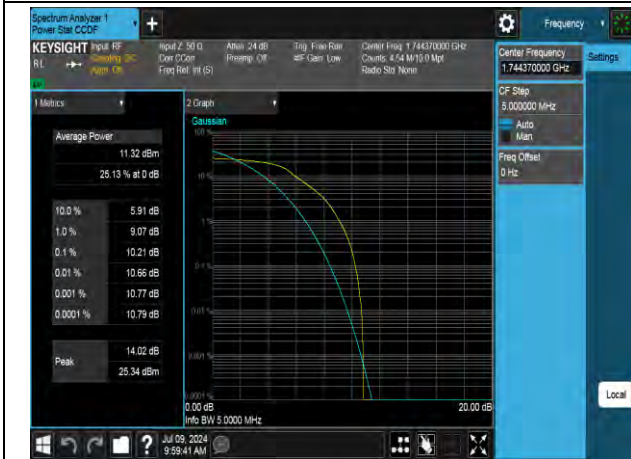
## QPSK Low channel-6 RB offset 0



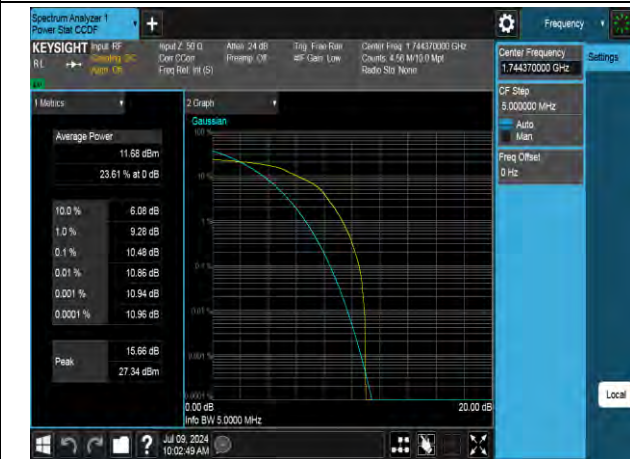
## 16QAM Low channel-5 RB offset 0



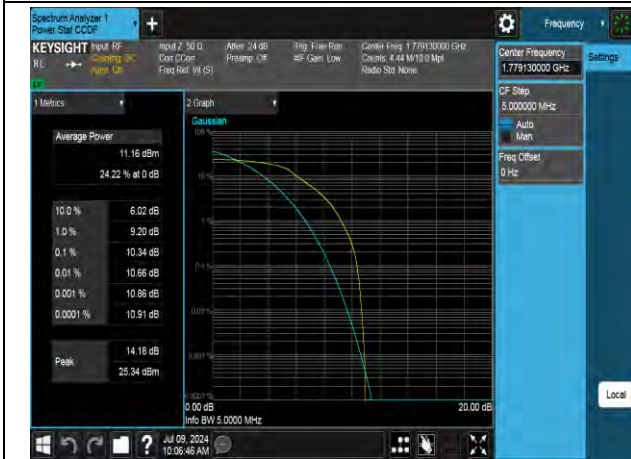
## QPSK Middle channel-6 RB offset 0



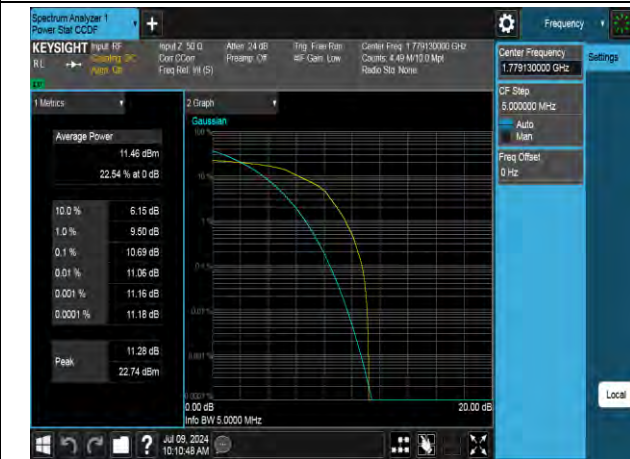
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0

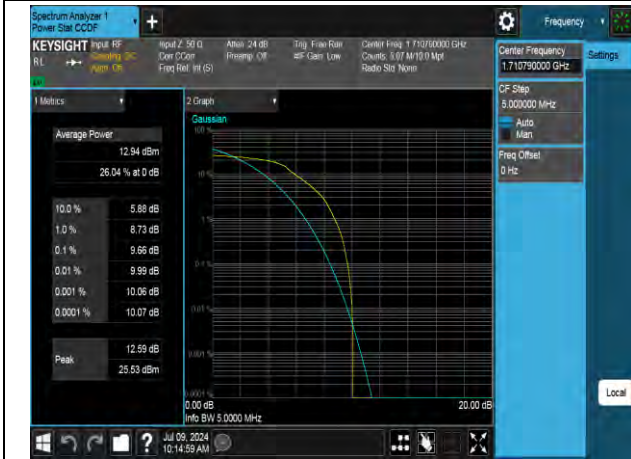


## 16QAM High channel-5 RB offset 0

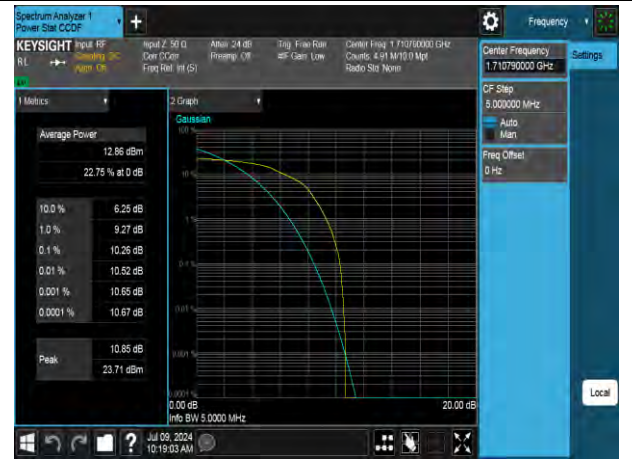


# LTE FDD Band 66, Nominal Bandwidth: 5MHz

## QPSK Low channel-6 RB offset 0



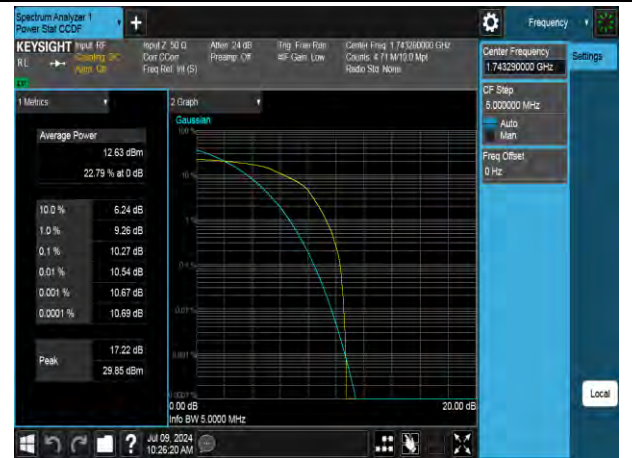
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



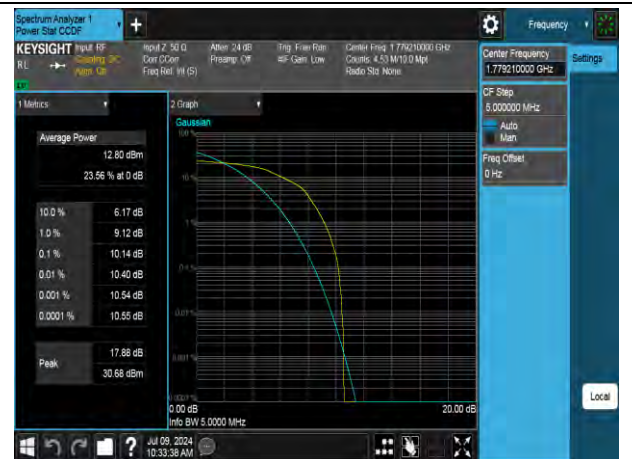
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0

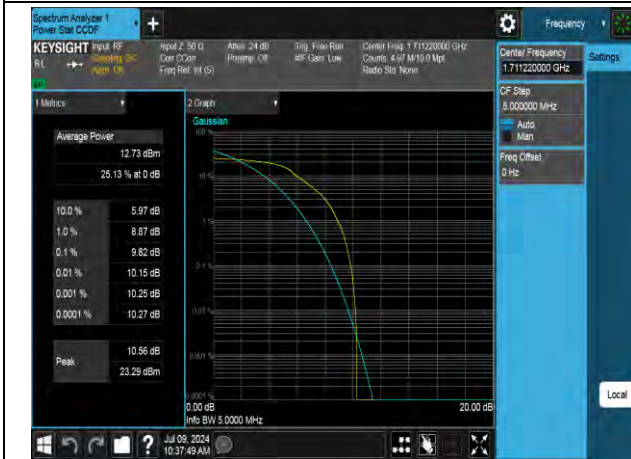


## 16QAM High channel-5 RB offset 0

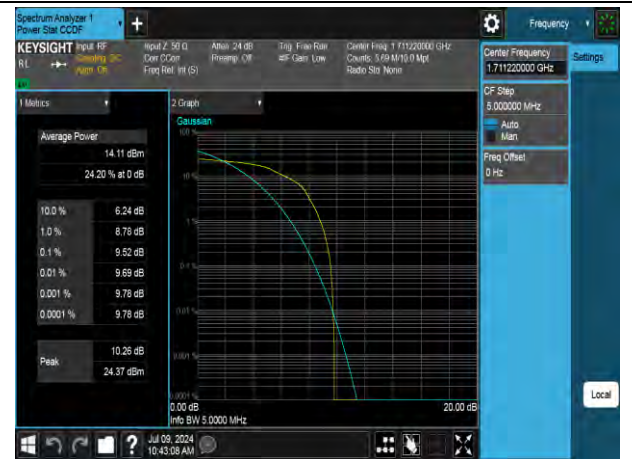


# LTE FDD Band 66, Nominal Bandwidth: 10MHz

## QPSK Low channel-6 RB offset 0



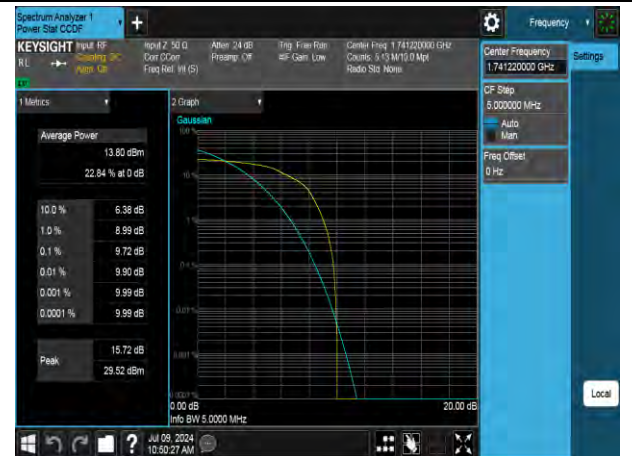
## 16QAM Low channel-5 RB offset 0



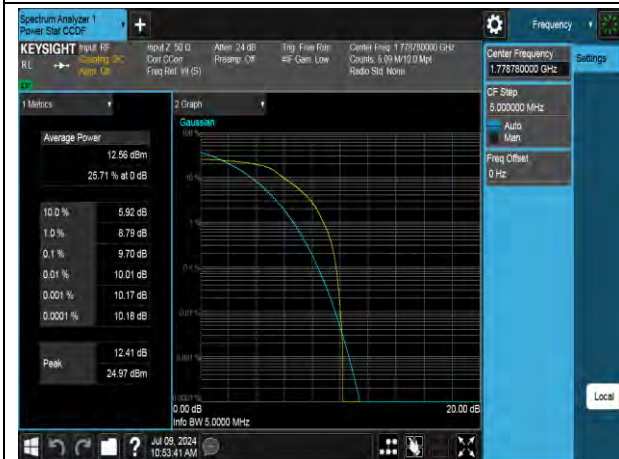
## QPSK Middle channel-6 RB offset 0



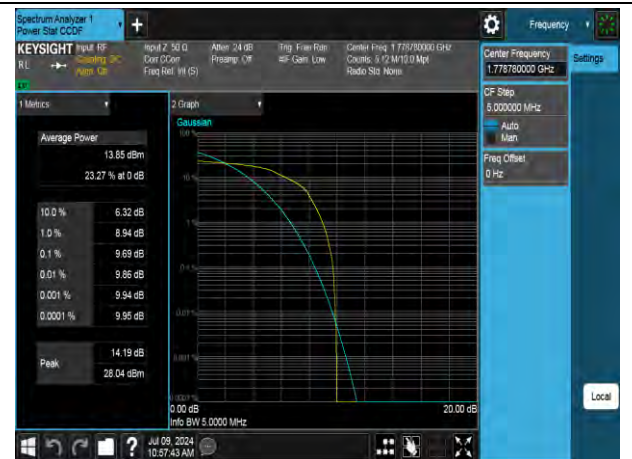
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

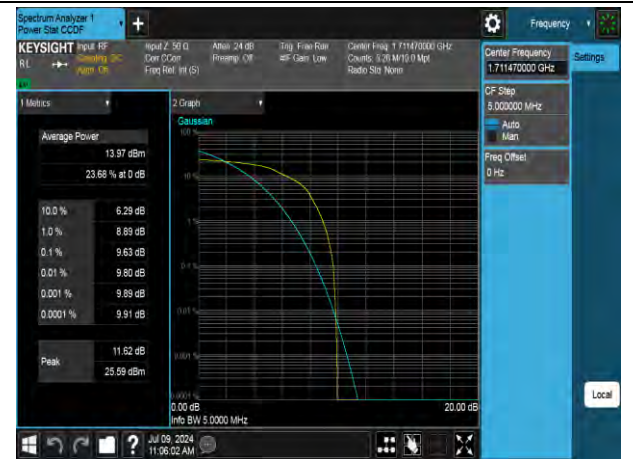


# LTE FDD Band 66, Nominal Bandwidth: 15MHz

## QPSK Low channel-6 RB offset 0



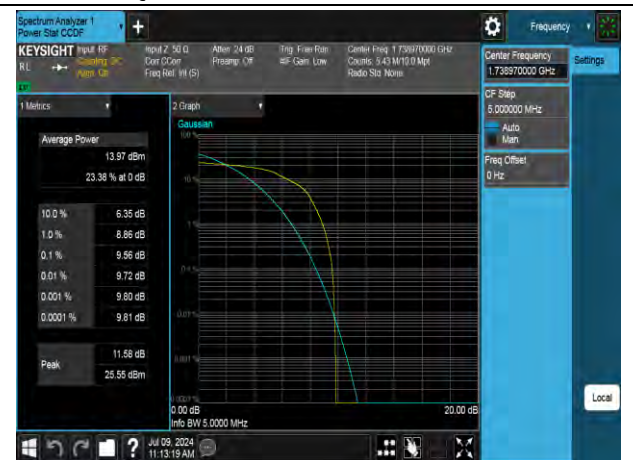
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



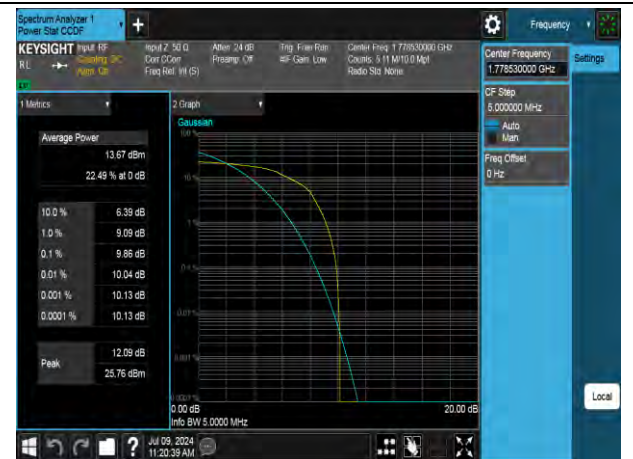
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

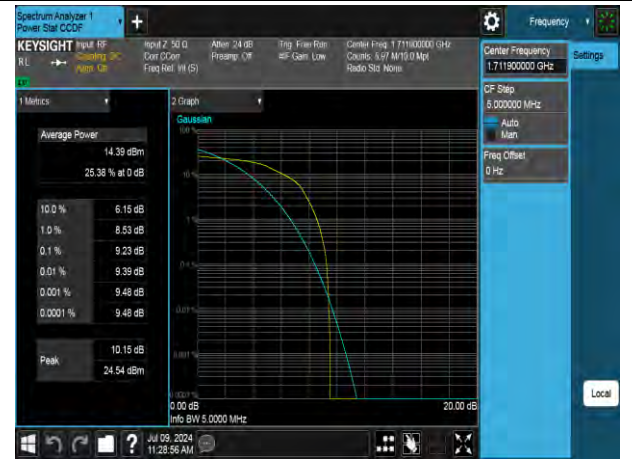


# LTE FDD Band 66, Nominal Bandwidth: 20MHz

## QPSK Low channel-6 RB offset 0



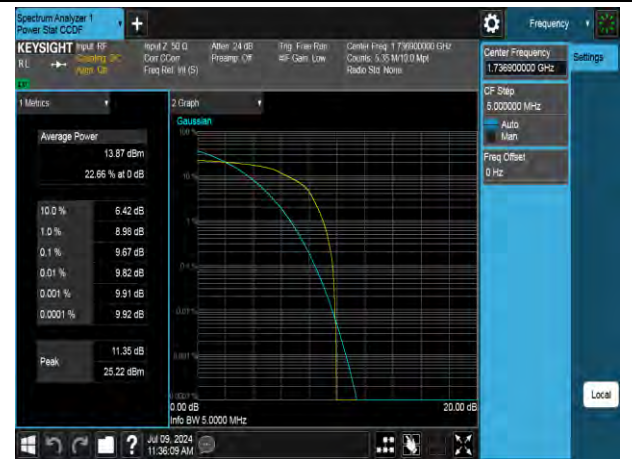
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



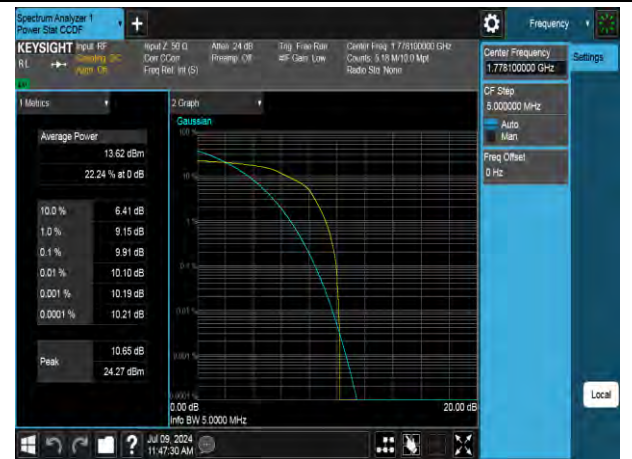
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

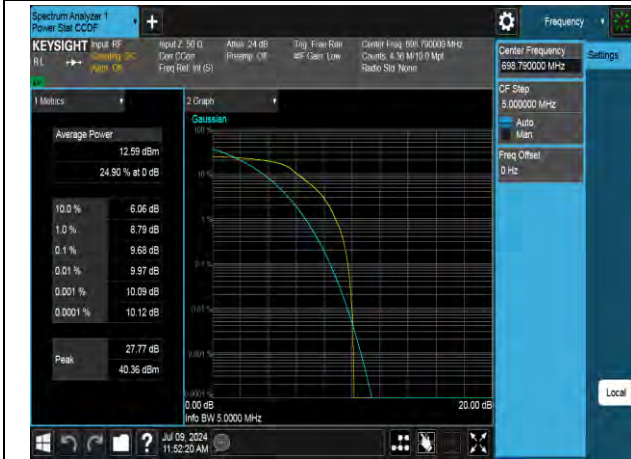


| LTE FDD Band 85, Nominal Bandwidth: 5MHz |         |                  |        |                     |               |         |
|------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                               | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                          |         | Size             | Offset |                     |               |         |
| QPSK                                     | LCH     | 6                | 0      | 9.68                | 13            | Pass    |
|                                          | MCH     | 6                | 0      | 9.44                | 13            | Pass    |
|                                          | HCH     | 6                | 0      | 9.65                | 13            | Pass    |
| 16QAM                                    | LCH     | 5                | 0      | 9.90                | 13            | Pass    |
|                                          | MCH     | 5                | 0      | 10.03               | 13            | Pass    |
|                                          | HCH     | 5                | 0      | 10.05               | 13            | Pass    |

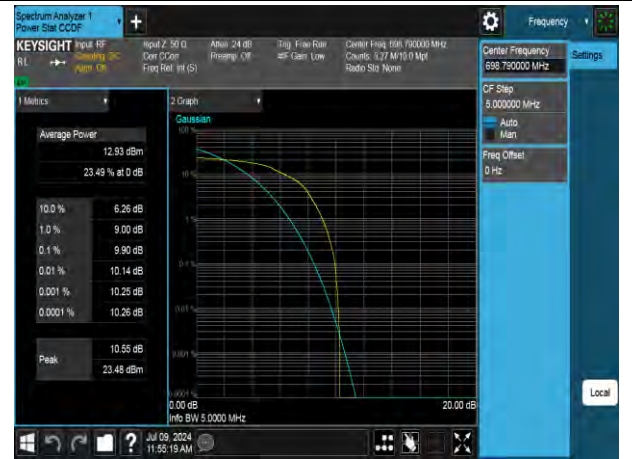
| LTE FDD Band 85, Nominal Bandwidth: 10MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 6                | 0      | 9.40                | 13            | Pass    |
|                                           | MCH     | 6                | 0      | 9.54                | 13            | Pass    |
|                                           | HCH     | 6                | 0      | 9.53                | 13            | Pass    |
| 16QAM                                     | LCH     | 5                | 0      | 8.88                | 13            | Pass    |
|                                           | MCH     | 5                | 0      | 9.63                | 13            | Pass    |
|                                           | HCH     | 5                | 0      | 9.37                | 13            | Pass    |

# LTE FDD Band 85, Nominal Bandwidth: 5MHz

## QPSK Low channel-6 RB offset 0



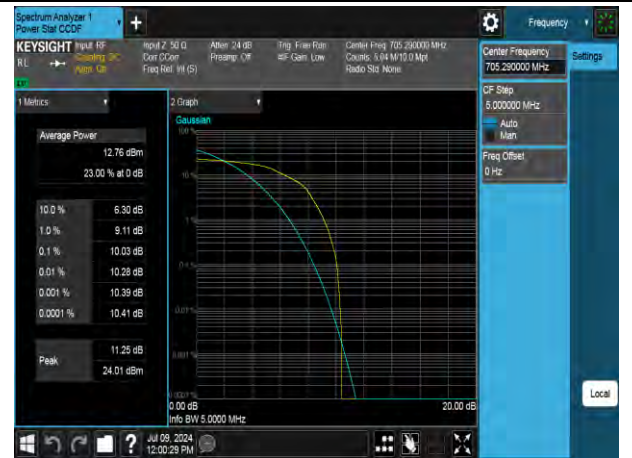
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



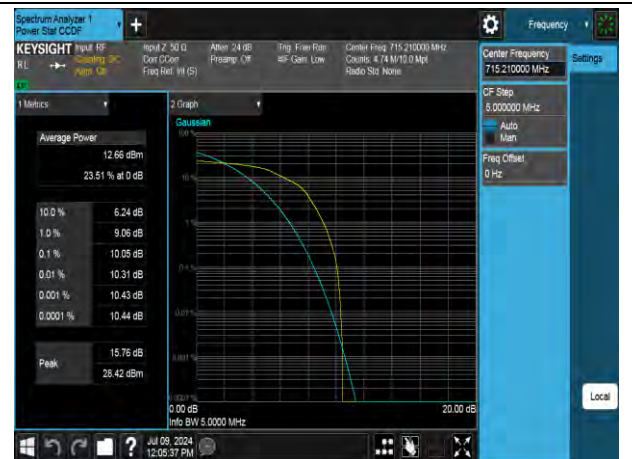
## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

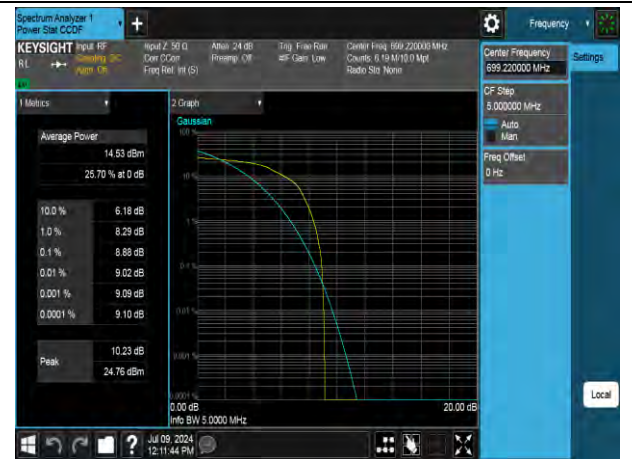


# LTE FDD Band 85, Nominal Bandwidth: 10MHz

## QPSK Low channel-6 RB offset 0



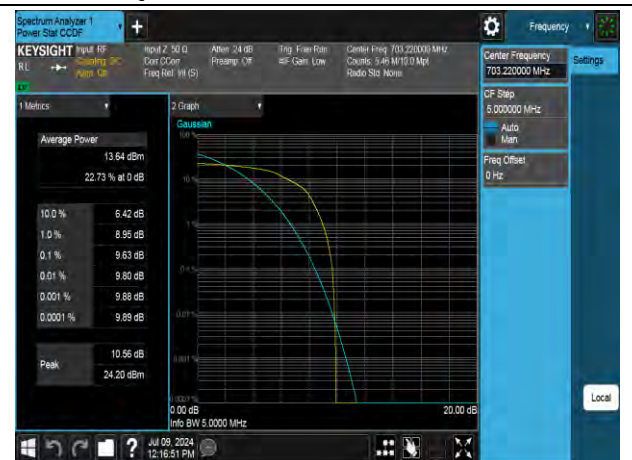
## 16QAM Low channel-5 RB offset 0



## QPSK Middle channel-6 RB offset 0



## 16QAM Middle channel-5 RB offset 0



## QPSK High channel-6 RB offset 0



## 16QAM High channel-5 RB offset 0

