

| LTE FDD Band 4, Nominal Bandwidth: 5.0MHz |         |                  |        |                     |               |         |
|-------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                           |         | Size             | Offset |                     |               |         |
| QPSK                                      | LCH     | 1                | 0      | 8.28                | 13            | Pass    |
|                                           |         | 1                | 12     | 8.44                | 13            | Pass    |
|                                           |         | 1                | 24     | 8.40                | 13            | Pass    |
|                                           |         | 12               | 0      | 8.44                | 13            | Pass    |
|                                           |         | 12               | 7      | 8.44                | 13            | Pass    |
|                                           |         | 12               | 13     | 8.56                | 13            | Pass    |
|                                           |         | 25               | 0      | 8.52                | 13            | Pass    |
|                                           | MCH     | 1                | 0      | 8.52                | 13            | Pass    |
|                                           |         | 1                | 12     | 8.56                | 13            | Pass    |
|                                           |         | 1                | 24     | 8.28                | 13            | Pass    |
|                                           |         | 12               | 0      | 8.52                | 13            | Pass    |
|                                           |         | 12               | 7      | 8.44                | 13            | Pass    |
|                                           |         | 12               | 13     | 8.56                | 13            | Pass    |
|                                           |         | 25               | 0      | 8.44                | 13            | Pass    |
|                                           | HCH     | 1                | 0      | 8.36                | 13            | Pass    |
|                                           |         | 1                | 12     | 8.52                | 13            | Pass    |
|                                           |         | 1                | 24     | 8.48                | 13            | Pass    |
|                                           |         | 12               | 0      | 8.40                | 13            | Pass    |
|                                           |         | 12               | 7      | 8.40                | 13            | Pass    |
|                                           |         | 12               | 13     | 8.36                | 13            | Pass    |
|                                           |         | 25               | 0      | 8.44                | 13            | Pass    |
| 16QAM                                     | LCH     | 1                | 0      | 8.52                | 13            | Pass    |
|                                           |         | 1                | 12     | 8.52                | 13            | Pass    |
|                                           |         | 1                | 24     | 8.52                | 13            | Pass    |
|                                           |         | 12               | 0      | 8.56                | 13            | Pass    |
|                                           |         | 12               | 7      | 8.48                | 13            | Pass    |
|                                           |         | 12               | 13     | 8.44                | 13            | Pass    |
|                                           |         | 25               | 0      | 8.36                | 13            | Pass    |
|                                           | MCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                           |         | 1                | 12     | 8.40                | 13            | Pass    |
|                                           |         | 1                | 24     | 8.48                | 13            | Pass    |
|                                           |         | 12               | 0      | 8.40                | 13            | Pass    |
|                                           |         | 12               | 7      | 8.36                | 13            | Pass    |
|                                           |         | 12               | 13     | 8.36                | 13            | Pass    |
|                                           |         | 25               | 0      | 8.40                | 13            | Pass    |
|                                           | HCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                           |         | 1                | 12     | 8.40                | 13            | Pass    |
|                                           |         | 1                | 24     | 8.48                | 13            | Pass    |
|                                           |         | 12               | 0      | 8.36                | 13            | Pass    |
|                                           |         | 12               | 7      | 8.48                | 13            | Pass    |
|                                           |         | 12               | 13     | 8.48                | 13            | Pass    |
|                                           |         | 25               | 0      | 8.48                | 13            | Pass    |

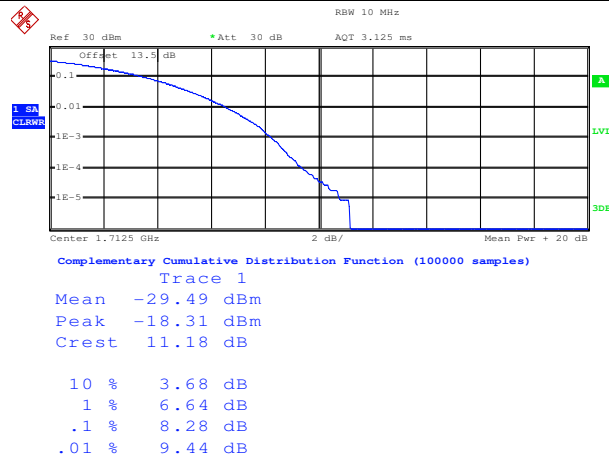
| LTE FDD Band 4, Nominal Bandwidth: 10.0MHz |         |                  |        |                     |               |         |
|--------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                            |         | Size             | Offset |                     |               |         |
| QPSK                                       | LCH     | 1                | 0      | 8.52                | 13            | Pass    |
|                                            |         | 1                | 25     | 8.44                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.48                | 13            | Pass    |
|                                            |         | 25               | 0      | 8.32                | 13            | Pass    |
|                                            |         | 25               | 12     | 8.48                | 13            | Pass    |
|                                            |         | 25               | 25     | 8.40                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.48                | 13            | Pass    |
|                                            | MCH     | 1                | 0      | 8.52                | 13            | Pass    |
|                                            |         | 1                | 25     | 8.32                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.48                | 13            | Pass    |
|                                            |         | 25               | 0      | 8.44                | 13            | Pass    |
|                                            |         | 25               | 12     | 8.44                | 13            | Pass    |
|                                            |         | 25               | 25     | 8.48                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.44                | 13            | Pass    |
|                                            | HCH     | 1                | 0      | 8.56                | 13            | Pass    |
|                                            |         | 1                | 25     | 8.52                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.52                | 13            | Pass    |
|                                            |         | 25               | 0      | 8.36                | 13            | Pass    |
|                                            |         | 25               | 12     | 8.52                | 13            | Pass    |
|                                            |         | 25               | 25     | 8.44                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.32                | 13            | Pass    |
| 16QAM                                      | LCH     | 1                | 0      | 8.44                | 13            | Pass    |
|                                            |         | 1                | 25     | 8.48                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.32                | 13            | Pass    |
|                                            |         | 25               | 0      | 8.48                | 13            | Pass    |
|                                            |         | 25               | 12     | 8.64                | 13            | Pass    |
|                                            |         | 25               | 25     | 8.64                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.44                | 13            | Pass    |
|                                            | MCH     | 1                | 0      | 8.44                | 13            | Pass    |
|                                            |         | 1                | 25     | 8.40                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.40                | 13            | Pass    |
|                                            |         | 25               | 0      | 8.48                | 13            | Pass    |
|                                            |         | 25               | 12     | 8.32                | 13            | Pass    |
|                                            |         | 25               | 25     | 8.48                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.40                | 13            | Pass    |
|                                            | HCH     | 1                | 0      | 8.32                | 13            | Pass    |
|                                            |         | 1                | 25     | 8.48                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.48                | 13            | Pass    |
|                                            |         | 25               | 0      | 8.32                | 13            | Pass    |
|                                            |         | 25               | 12     | 8.48                | 13            | Pass    |
|                                            |         | 25               | 25     | 8.48                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.48                | 13            | Pass    |

| LTE FDD Band 4, Nominal Bandwidth: 15.0MHz |         |                  |        |                     |               |         |
|--------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                            |         | Size             | Offset |                     |               |         |
| QPSK                                       | LCH     | 1                | 0      | 8.28                | 13            | Pass    |
|                                            |         | 1                | 37     | 8.36                | 13            | Pass    |
|                                            |         | 1                | 74     | 8.44                | 13            | Pass    |
|                                            |         | 36               | 0      | 8.44                | 13            | Pass    |
|                                            |         | 36               | 20     | 8.40                | 13            | Pass    |
|                                            |         | 36               | 39     | 8.32                | 13            | Pass    |
|                                            |         | 75               | 0      | 8.52                | 13            | Pass    |
|                                            | MCH     | 1                | 0      | 8.56                | 13            | Pass    |
|                                            |         | 1                | 37     | 8.52                | 13            | Pass    |
|                                            |         | 1                | 74     | 8.40                | 13            | Pass    |
|                                            |         | 36               | 0      | 8.40                | 13            | Pass    |
|                                            |         | 36               | 20     | 8.36                | 13            | Pass    |
|                                            |         | 36               | 39     | 8.52                | 13            | Pass    |
|                                            |         | 75               | 0      | 8.60                | 13            | Pass    |
|                                            | HCH     | 1                | 0      | 8.60                | 13            | Pass    |
|                                            |         | 1                | 37     | 8.48                | 13            | Pass    |
|                                            |         | 1                | 74     | 8.48                | 13            | Pass    |
|                                            |         | 36               | 0      | 8.44                | 13            | Pass    |
|                                            |         | 36               | 20     | 8.48                | 13            | Pass    |
|                                            |         | 36               | 39     | 8.40                | 13            | Pass    |
|                                            |         | 75               | 0      | 8.56                | 13            | Pass    |
| 16QAM                                      | LCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                            |         | 1                | 37     | 8.52                | 13            | Pass    |
|                                            |         | 1                | 74     | 8.48                | 13            | Pass    |
|                                            |         | 36               | 0      | 8.40                | 13            | Pass    |
|                                            |         | 36               | 20     | 8.32                | 13            | Pass    |
|                                            |         | 36               | 39     | 8.40                | 13            | Pass    |
|                                            |         | 75               | 0      | 8.32                | 13            | Pass    |
|                                            | MCH     | 1                | 0      | 8.48                | 13            | Pass    |
|                                            |         | 1                | 37     | 8.44                | 13            | Pass    |
|                                            |         | 1                | 74     | 8.36                | 13            | Pass    |
|                                            |         | 36               | 0      | 8.36                | 13            | Pass    |
|                                            |         | 36               | 20     | 8.32                | 13            | Pass    |
|                                            |         | 36               | 39     | 8.36                | 13            | Pass    |
|                                            |         | 75               | 0      | 8.56                | 13            | Pass    |
|                                            | HCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                            |         | 1                | 37     | 8.48                | 13            | Pass    |
|                                            |         | 1                | 74     | 8.28                | 13            | Pass    |
|                                            |         | 36               | 0      | 8.44                | 13            | Pass    |
|                                            |         | 36               | 20     | 8.24                | 13            | Pass    |
|                                            |         | 36               | 39     | 8.36                | 13            | Pass    |
|                                            |         | 75               | 0      | 8.40                | 13            | Pass    |

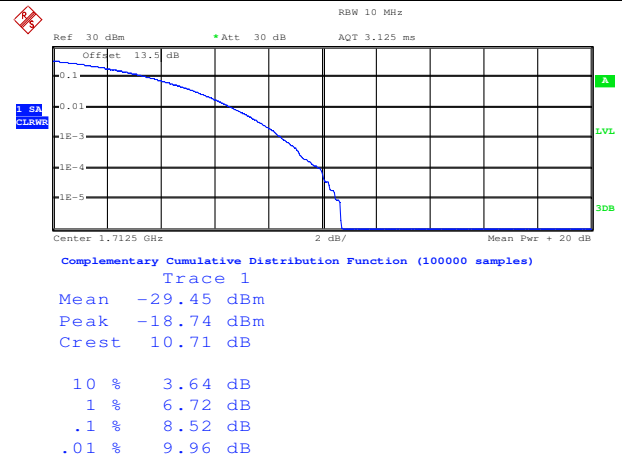
| LTE FDD Band 4, Nominal Bandwidth: 20.0MHz |         |                  |        |                     |               |         |
|--------------------------------------------|---------|------------------|--------|---------------------|---------------|---------|
| Modulation                                 | Channel | RB Configuration |        | Test result<br>(dB) | Limit<br>(dB) | Verdict |
|                                            |         | Size             | Offset |                     |               |         |
| QPSK                                       | LCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.32                | 13            | Pass    |
|                                            |         | 1                | 99     | 8.36                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.44                | 13            | Pass    |
|                                            |         | 50               | 24     | 8.44                | 13            | Pass    |
|                                            |         | 50               | 50     | 8.48                | 13            | Pass    |
|                                            |         | 100              | 0      | 8.52                | 13            | Pass    |
|                                            | MCH     | 1                | 0      | 8.52                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.48                | 13            | Pass    |
|                                            |         | 1                | 99     | 8.48                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.44                | 13            | Pass    |
|                                            |         | 50               | 24     | 8.44                | 13            | Pass    |
|                                            |         | 50               | 50     | 8.44                | 13            | Pass    |
|                                            |         | 100              | 0      | 8.56                | 13            | Pass    |
|                                            | HCH     | 1                | 0      | 8.48                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.48                | 13            | Pass    |
|                                            |         | 1                | 99     | 8.48                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.40                | 13            | Pass    |
|                                            |         | 50               | 24     | 8.36                | 13            | Pass    |
|                                            |         | 50               | 50     | 8.36                | 13            | Pass    |
|                                            |         | 100              | 0      | 8.44                | 13            | Pass    |
| 16QAM                                      | LCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.44                | 13            | Pass    |
|                                            |         | 1                | 99     | 8.52                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.40                | 13            | Pass    |
|                                            |         | 50               | 24     | 8.28                | 13            | Pass    |
|                                            |         | 50               | 50     | 8.48                | 13            | Pass    |
|                                            |         | 100              | 0      | 8.52                | 13            | Pass    |
|                                            | MCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.40                | 13            | Pass    |
|                                            |         | 1                | 99     | 8.36                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.44                | 13            | Pass    |
|                                            |         | 50               | 24     | 8.48                | 13            | Pass    |
|                                            |         | 50               | 50     | 8.56                | 13            | Pass    |
|                                            |         | 100              | 0      | 8.44                | 13            | Pass    |
|                                            | HCH     | 1                | 0      | 8.40                | 13            | Pass    |
|                                            |         | 1                | 49     | 8.52                | 13            | Pass    |
|                                            |         | 1                | 99     | 8.44                | 13            | Pass    |
|                                            |         | 50               | 0      | 8.36                | 13            | Pass    |
|                                            |         | 50               | 24     | 8.48                | 13            | Pass    |
|                                            |         | 50               | 50     | 8.44                | 13            | Pass    |
|                                            |         | 100              | 0      | 8.56                | 13            | Pass    |

# LTE FDD Band 4, Nominal Bandwidth: 5MHz

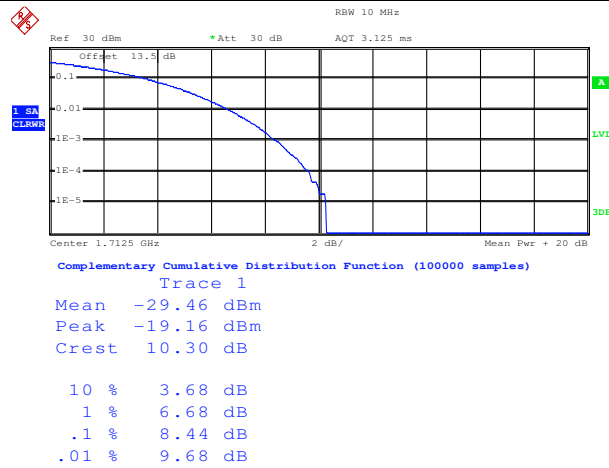
## QPSK Low channel-1 RB offset 0



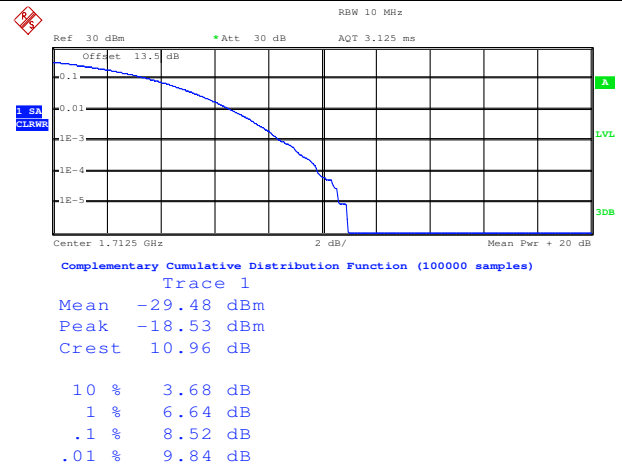
## 16QAM Low channel-1 RB offset 0



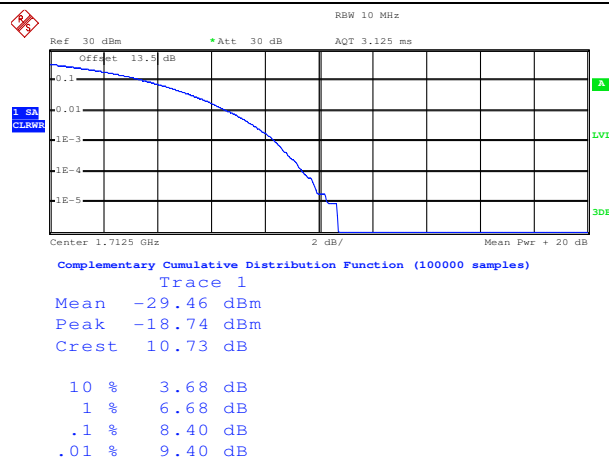
## QPSK Low channel-1 RB offset 12



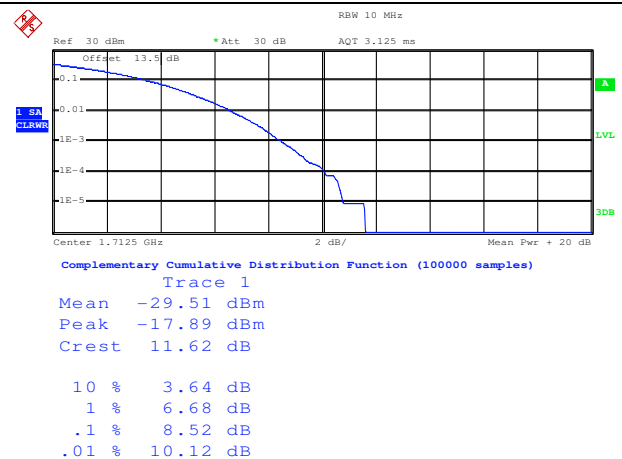
## 16QAM Low channel-1 RB offset 12

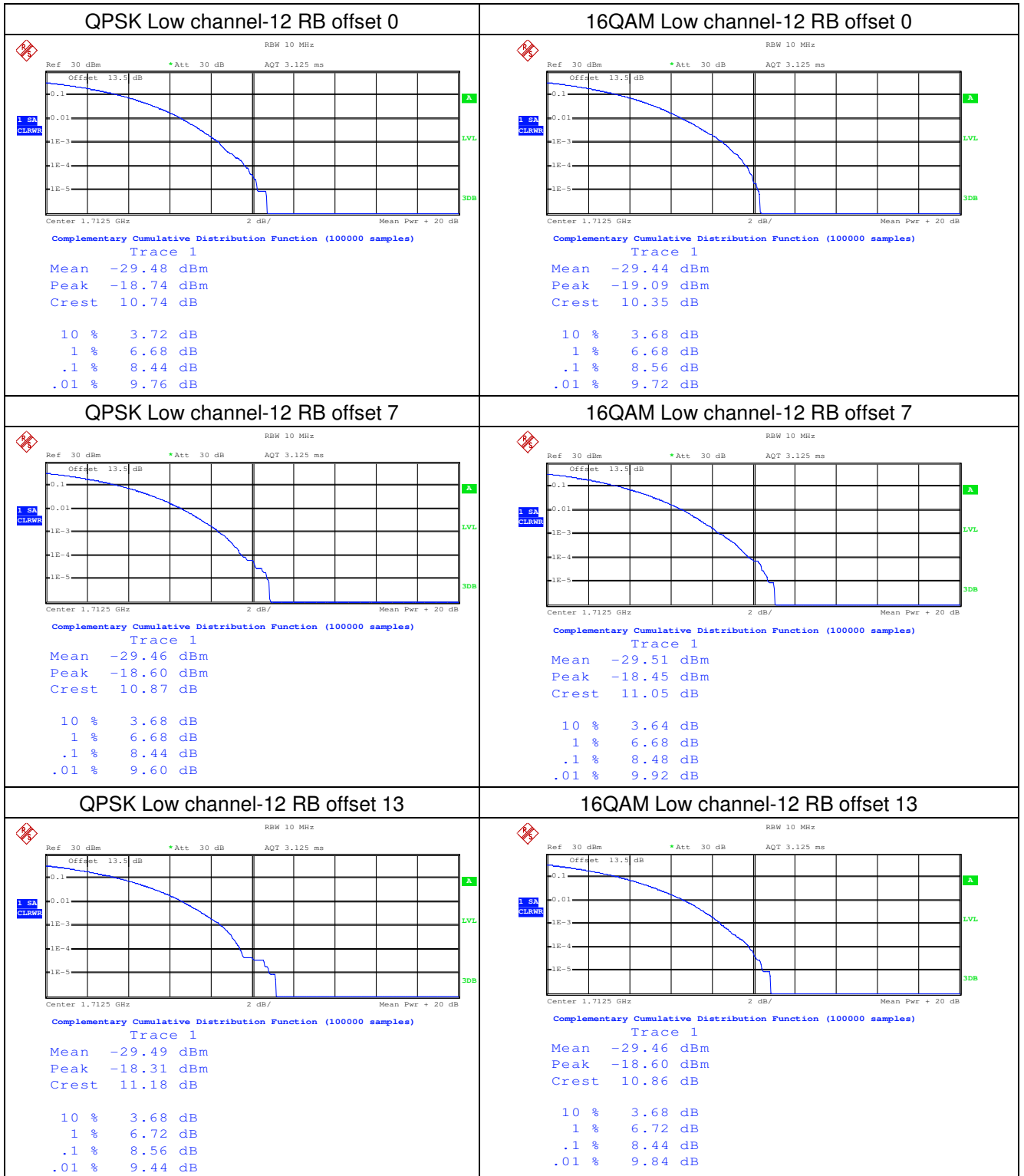


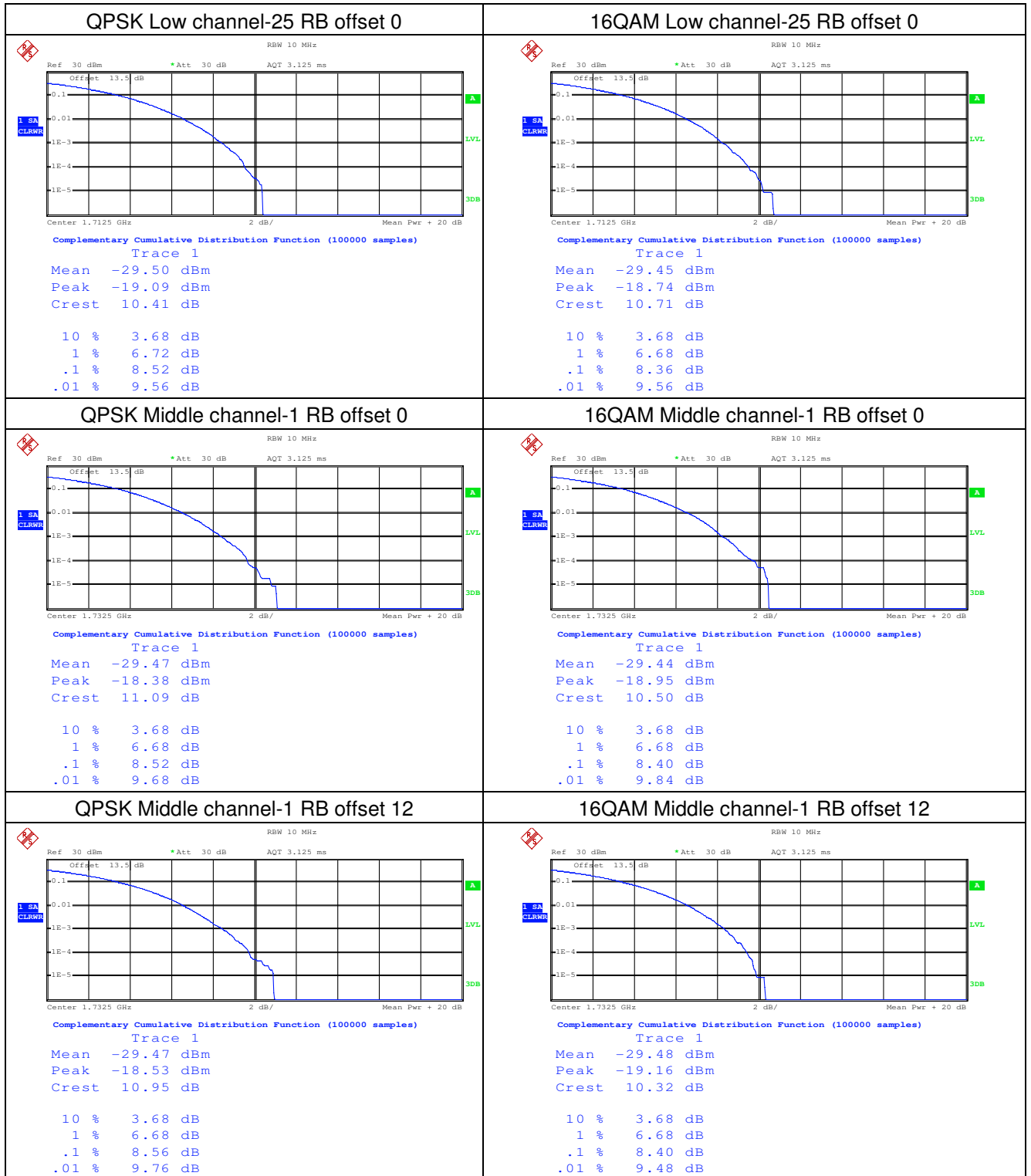
## QPSK Low channel-1 RB offset 24

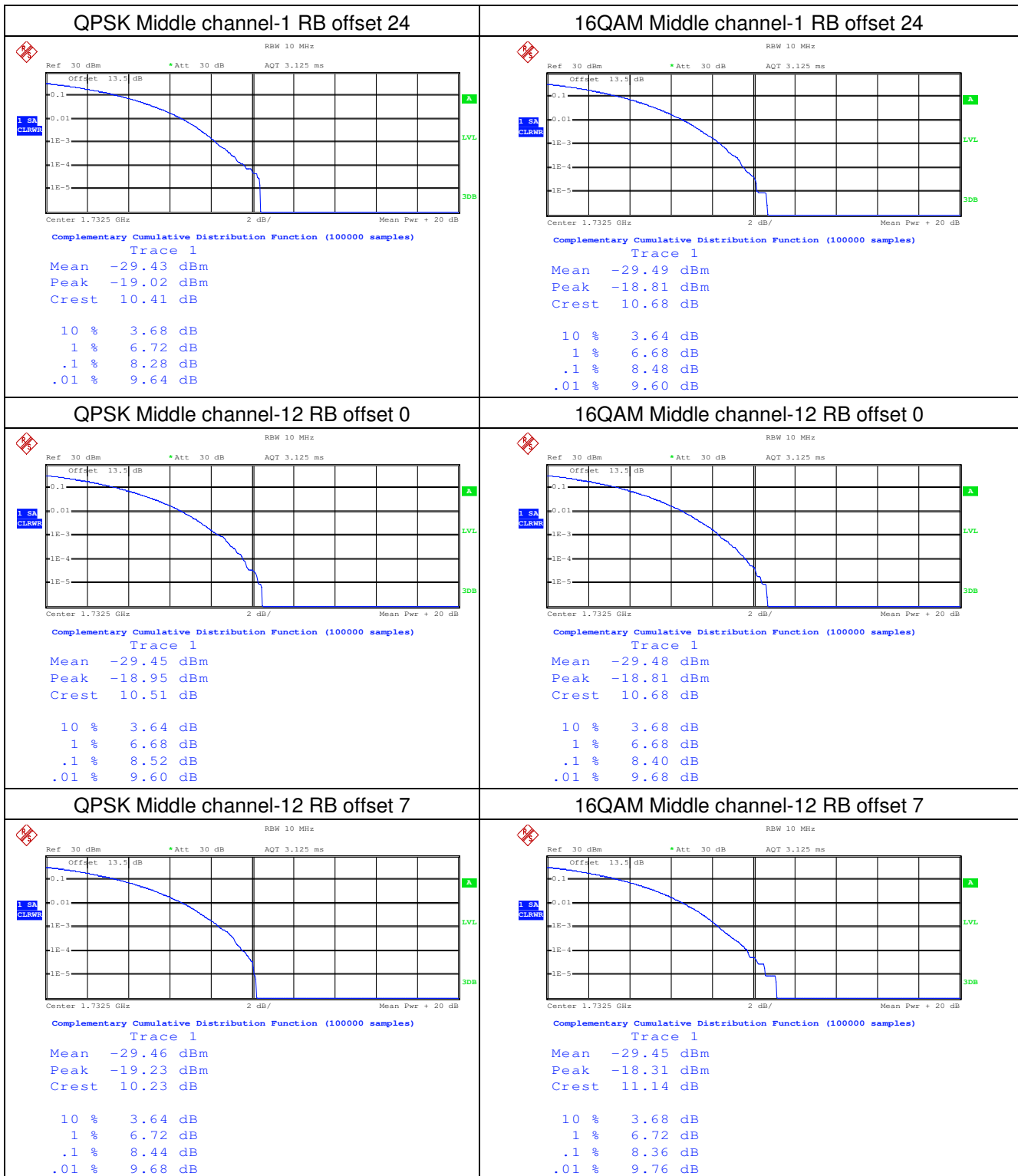


## 16QAM Low channel-1 RB offset 24

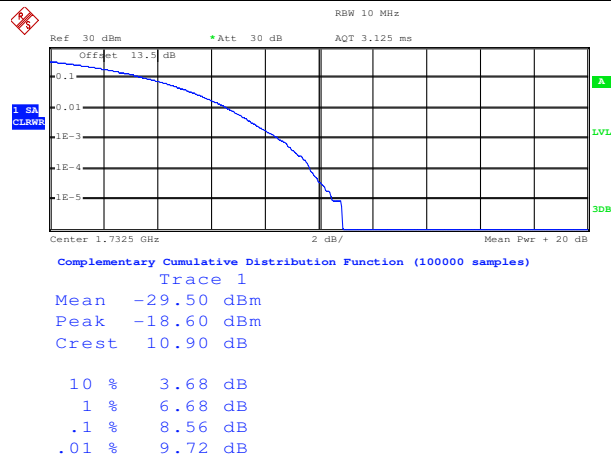




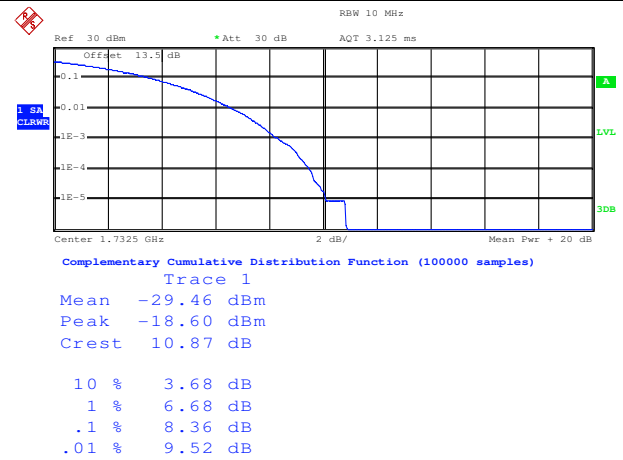




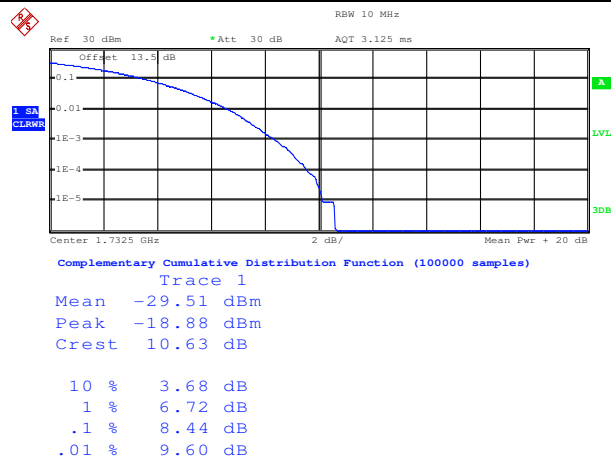
### QPSK Middle channel-12 RB offset 13



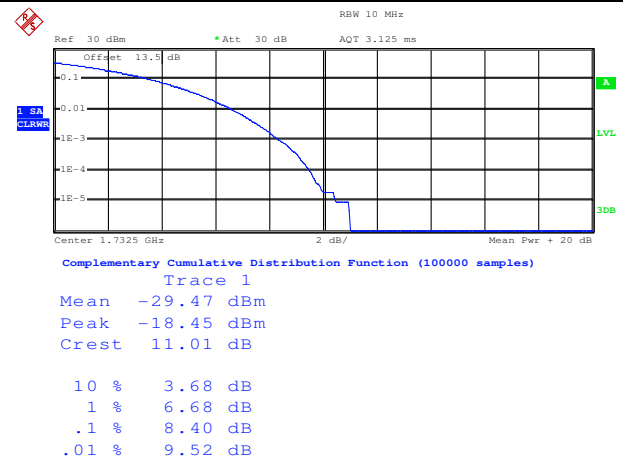
### 16QAM Middle channel-12 RB offset 13



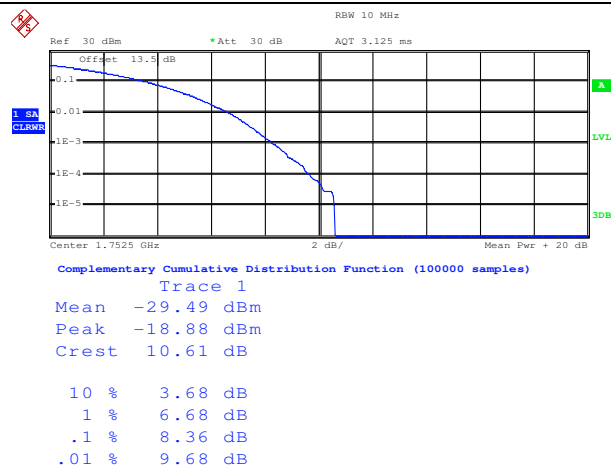
### QPSK Middle channel-25 RB offset 0



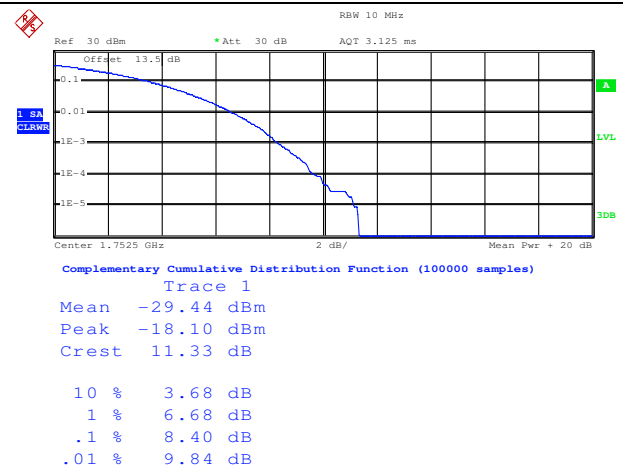
### 16QAM Middle channel-25 RB offset 0

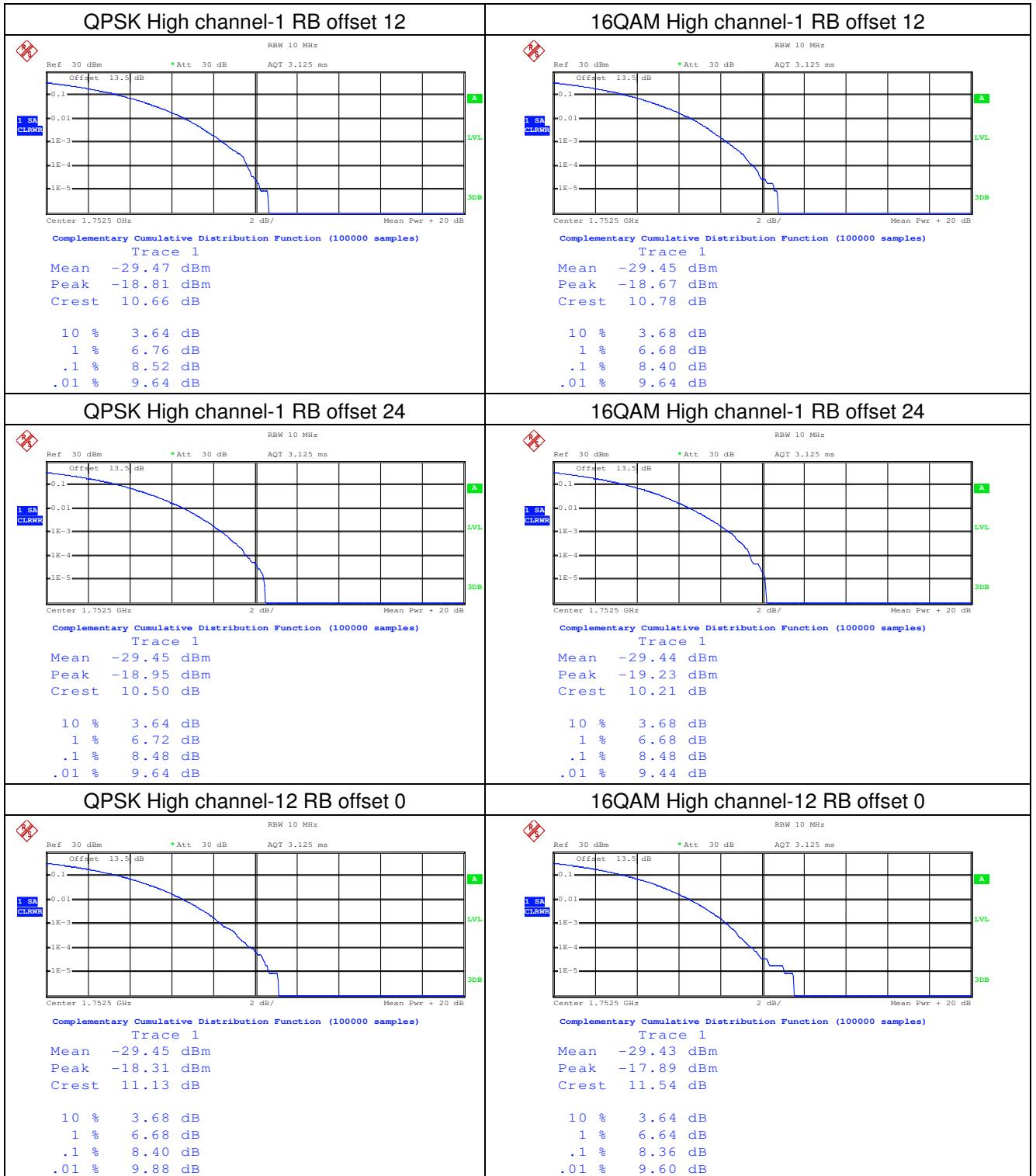


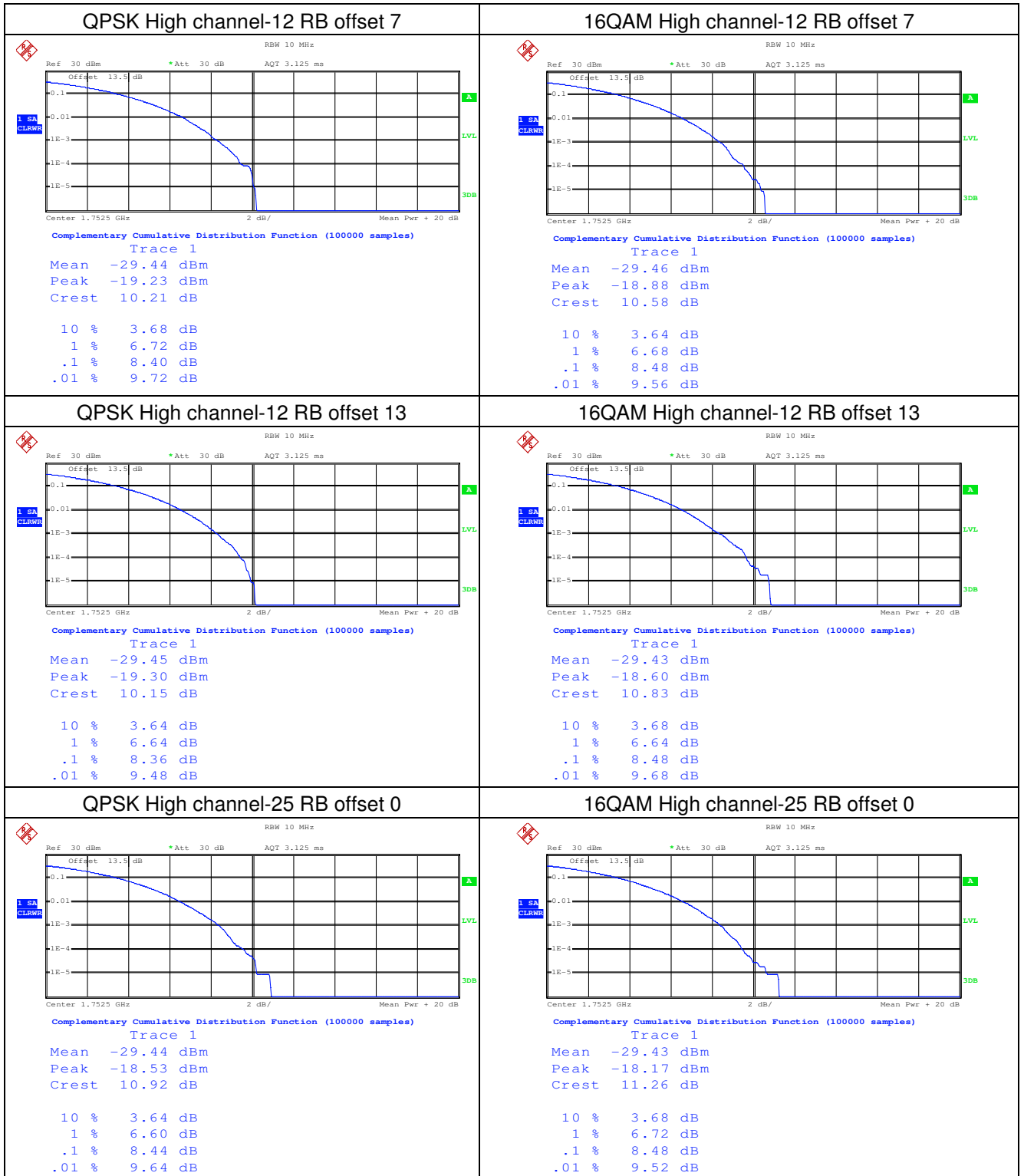
### QPSK High channel-1 RB offset 0



### 16QAM High channel-1 RB offset 0

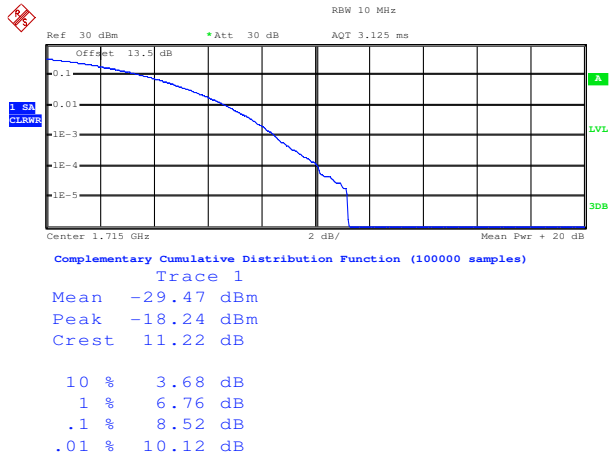




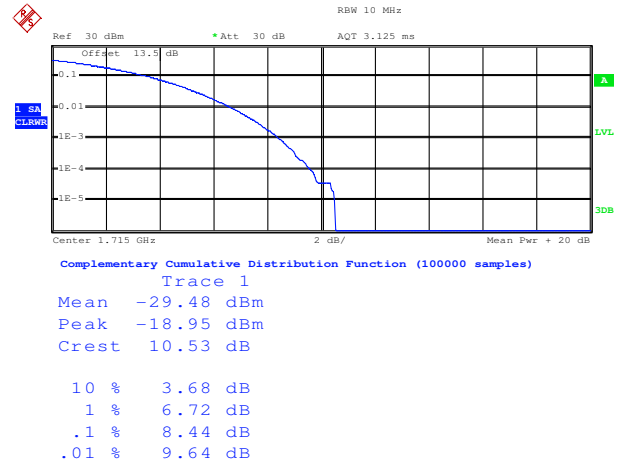


# LTE FDD Band 4, Nominal Bandwidth: 10MHz

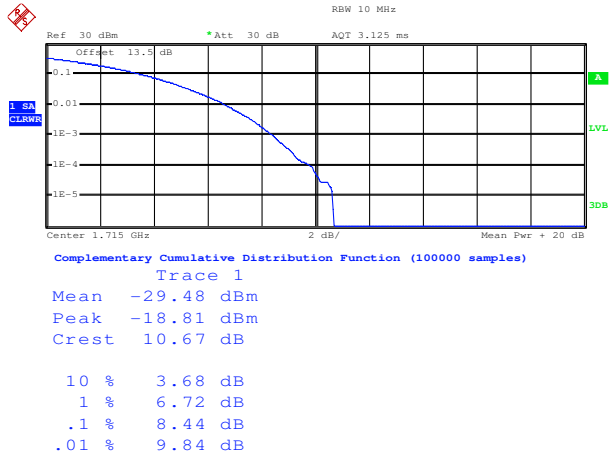
## QPSK Low channel-1 RB offset 0



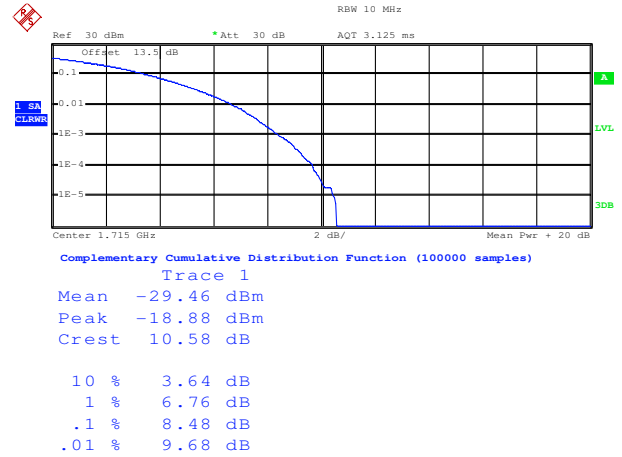
## 16QAM Low channel-1 RB offset 0



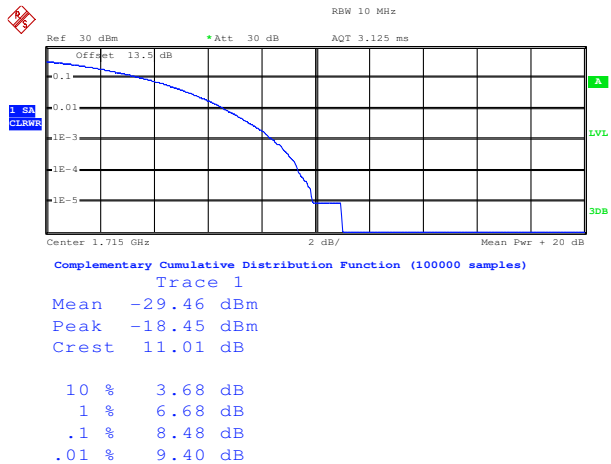
## QPSK Low channel-1 RB offset 25



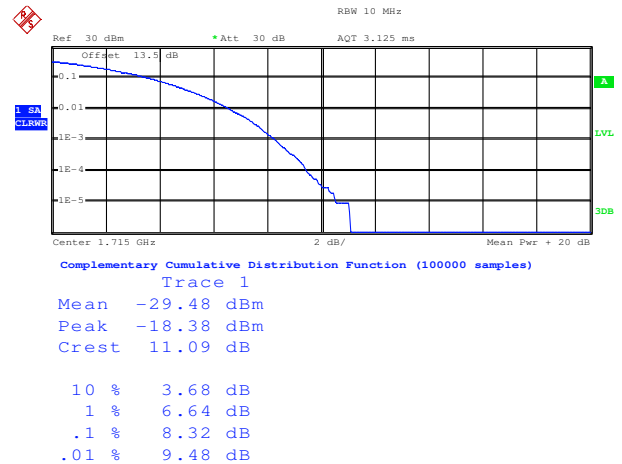
## 16QAM Low channel-1 RB offset 25

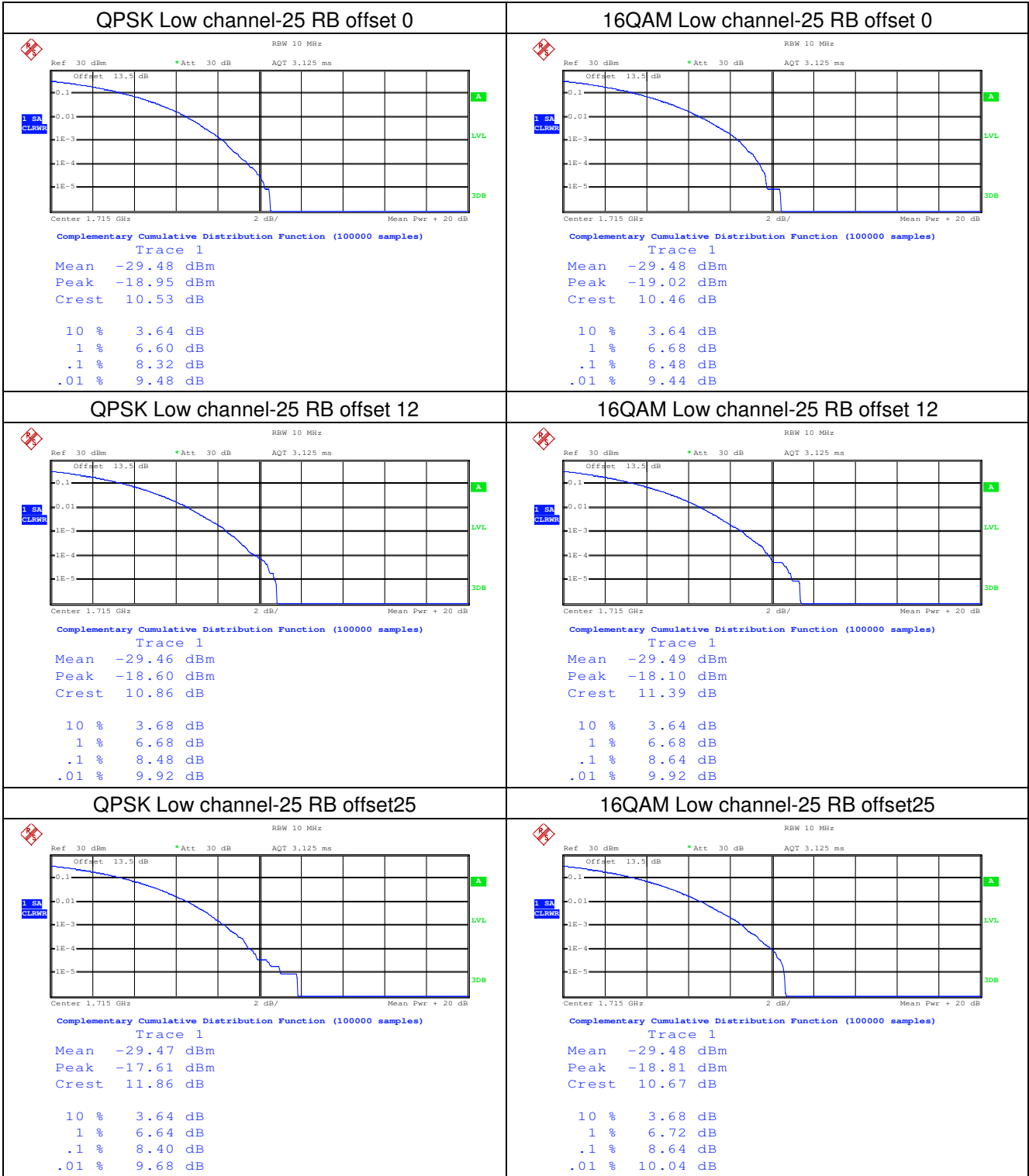


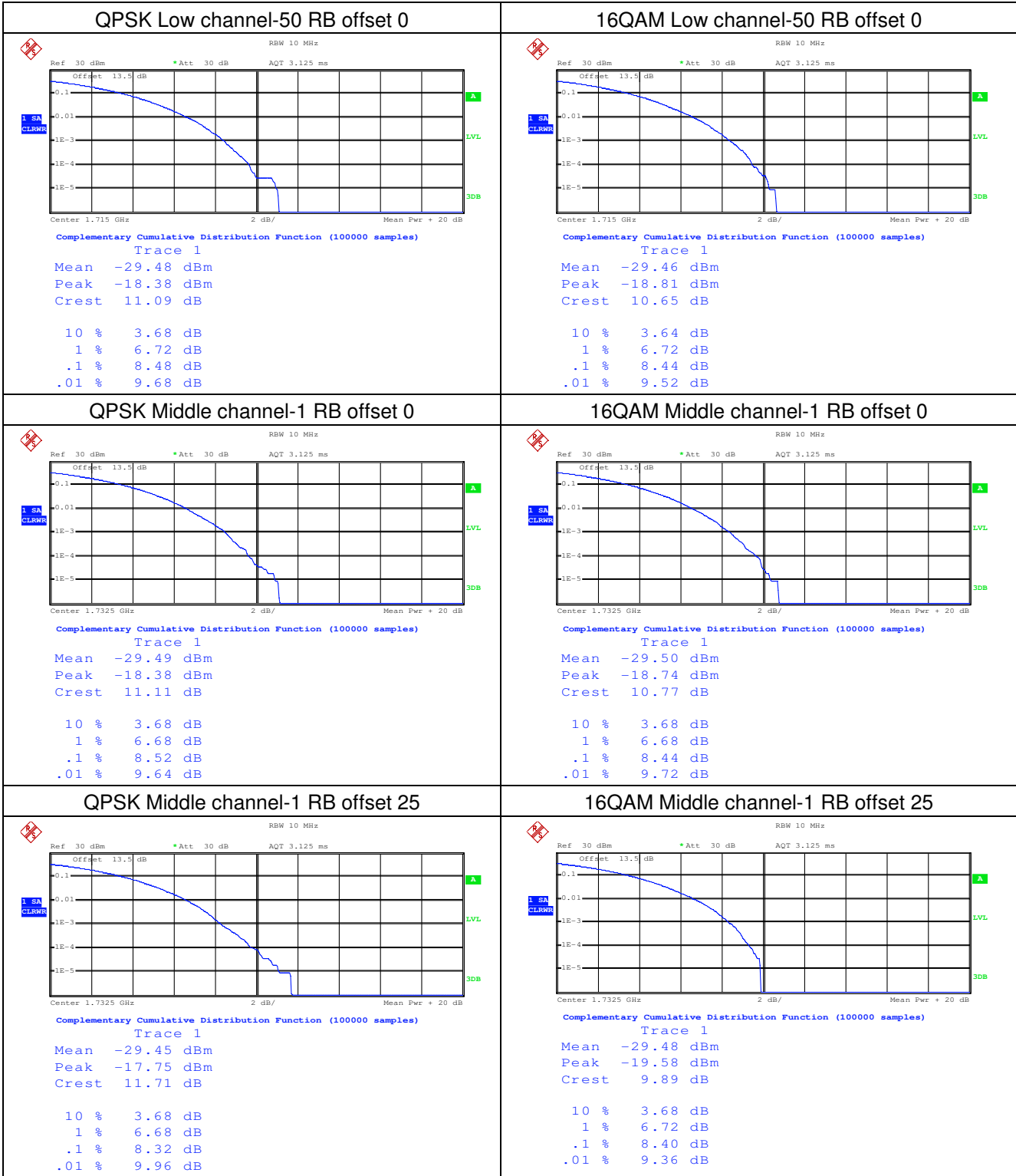
## QPSK Low channel-1 RB offset 49



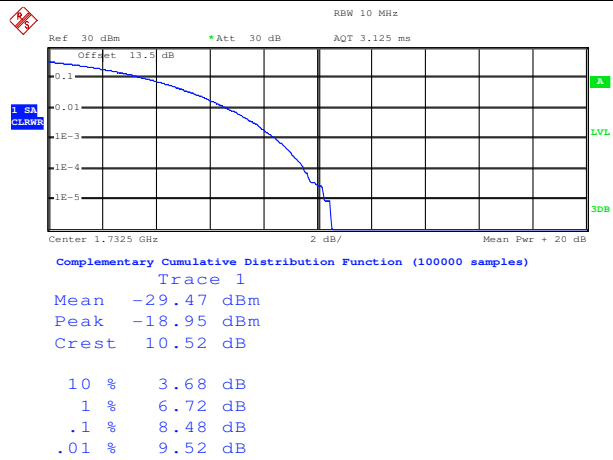
## 16QAM Low channel-1 RB offset 49



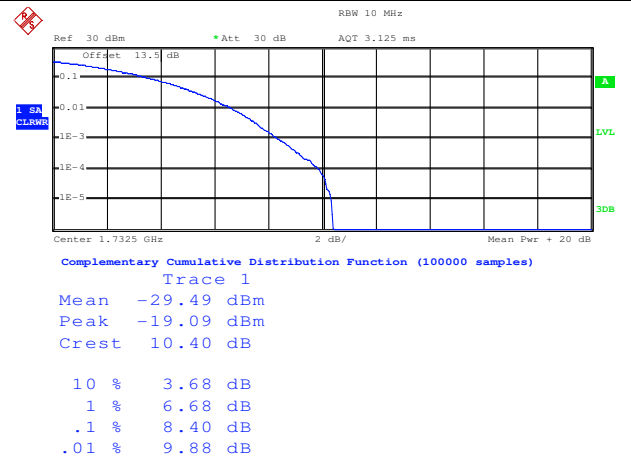




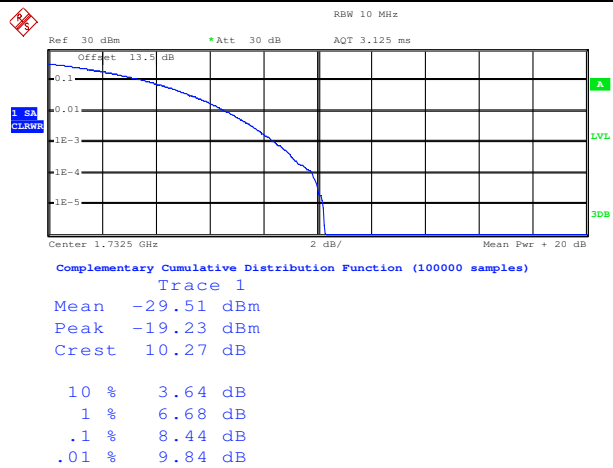
### QPSK Middle channel-1 RB offset 49



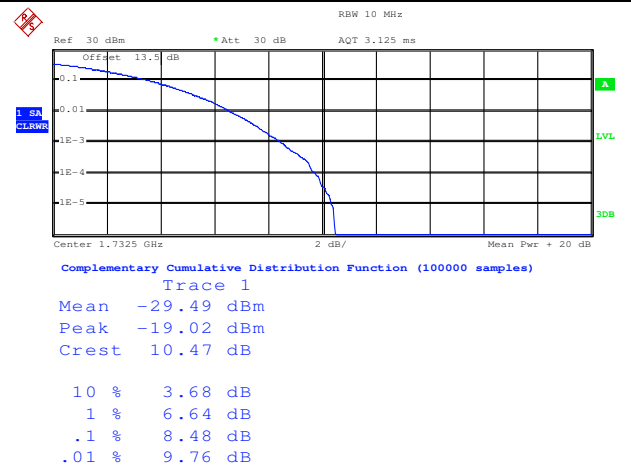
### 16QAM Middle channel-1 RB offset 49



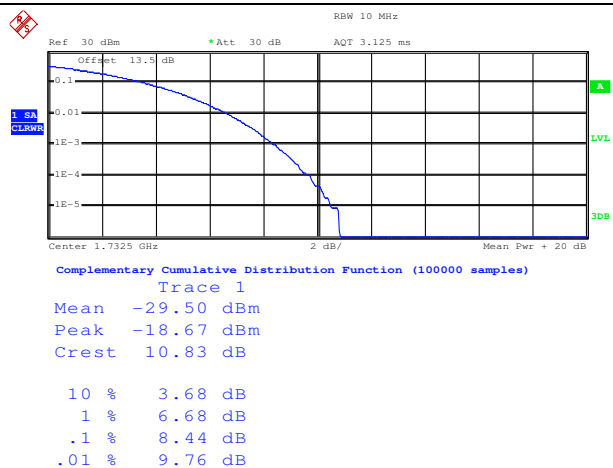
### QPSK Middle channel-25 RB offset 0



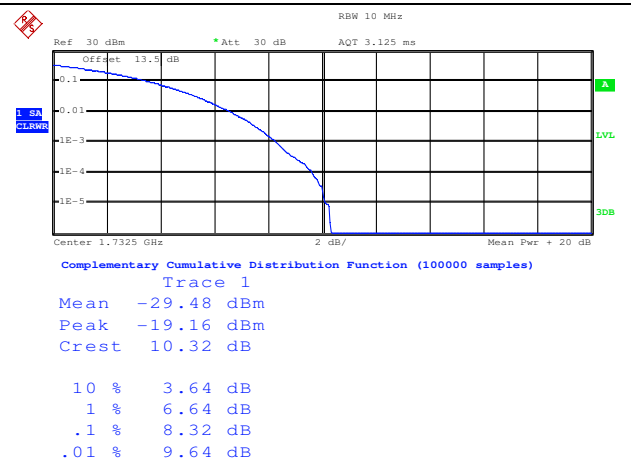
### 16QAM Middle channel-25 RB offset 0



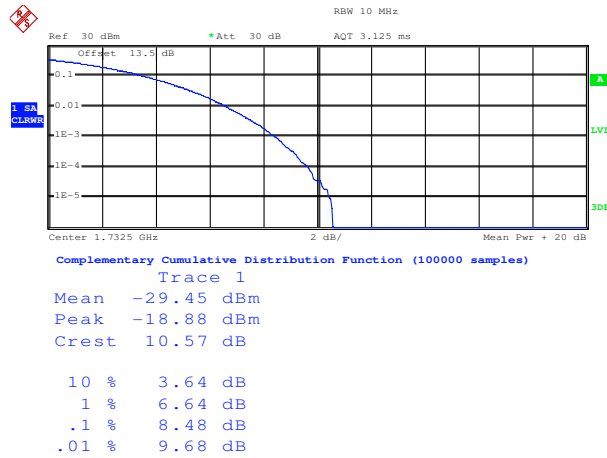
### QPSK Middle channel-25 RB offset 12



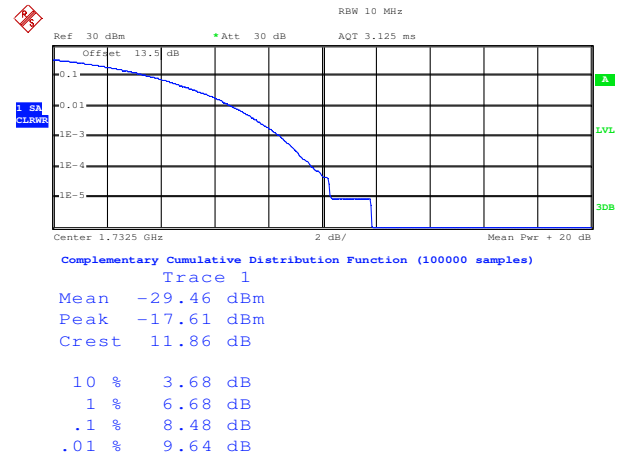
### 16QAM Middle channel-25 RB offset 12



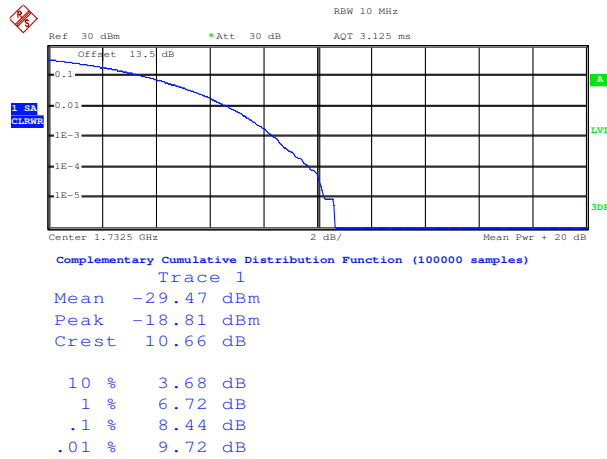
### QPSK Middle channel-25 RB offset 25



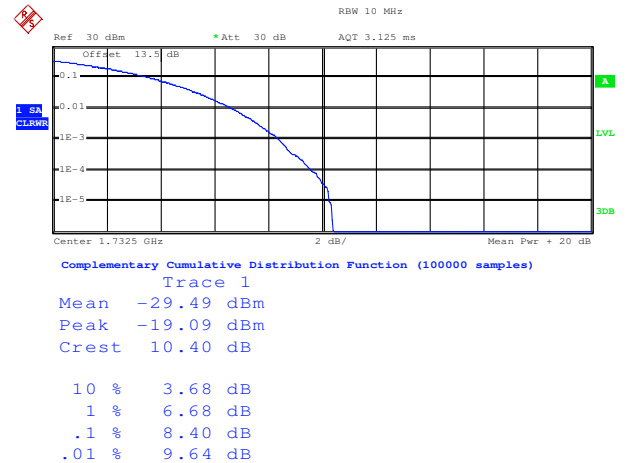
### 16QAM Middle channel-25 RB offset 25



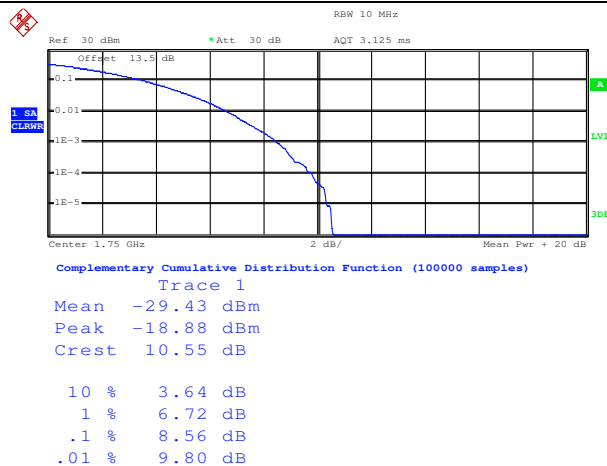
### QPSK Middle channel-50 RB offset 0



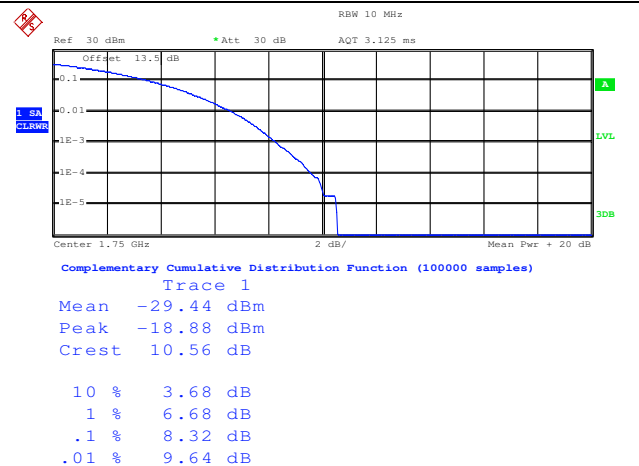
### 16QAM Middle channel-50 RB offset 0



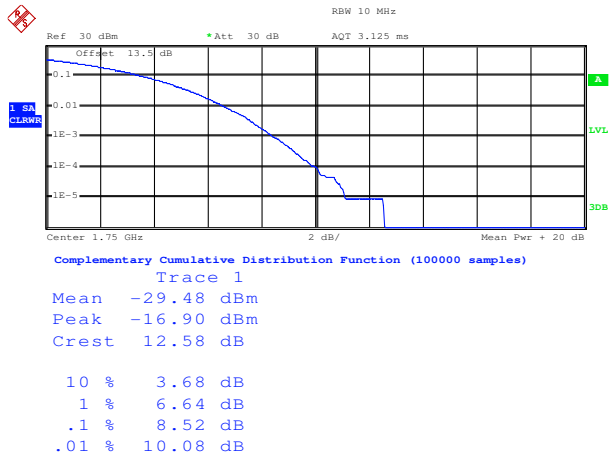
### QPSK High channel-1 RB offset 0



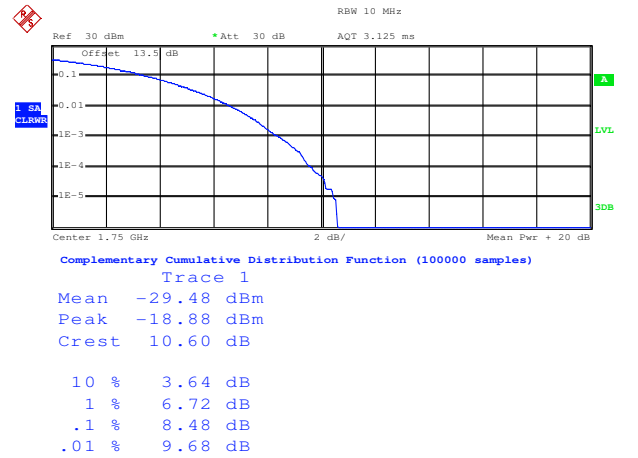
### 16QAM High channel-1 RB offset 0



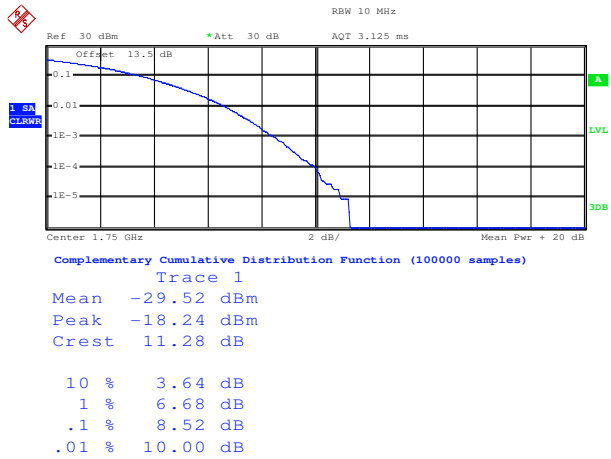
### QPSK High channel-1 RB offset 25



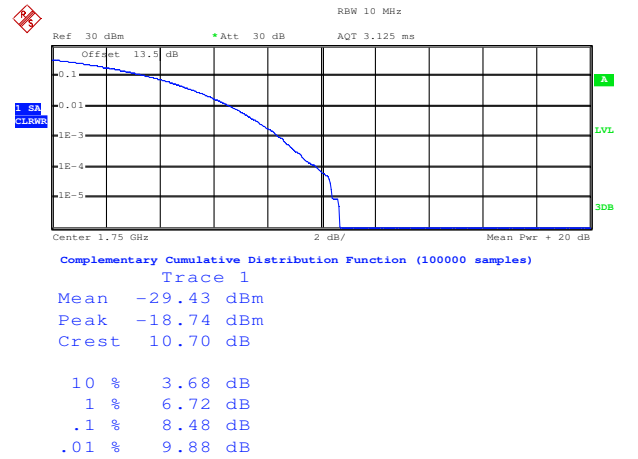
### 16QAM High channel-1 RB offset 25



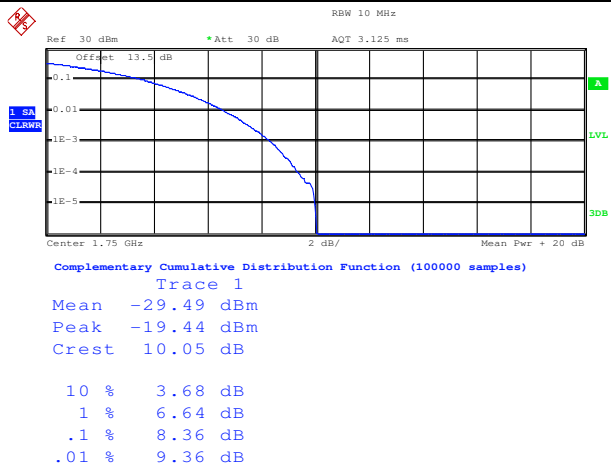
### QPSK High channel-1 RB offset 49



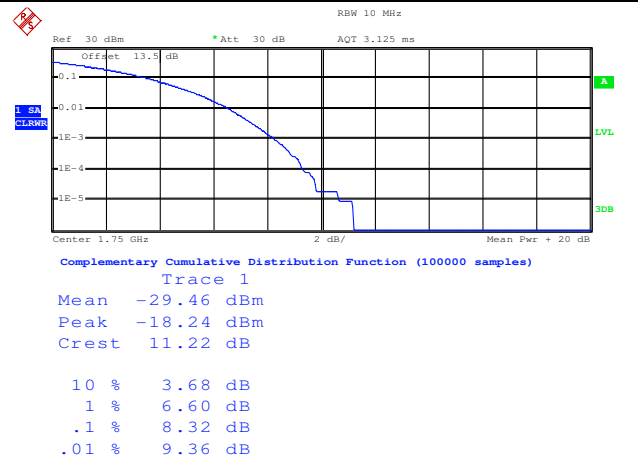
### 16QAM High channel-1 RB offset 49

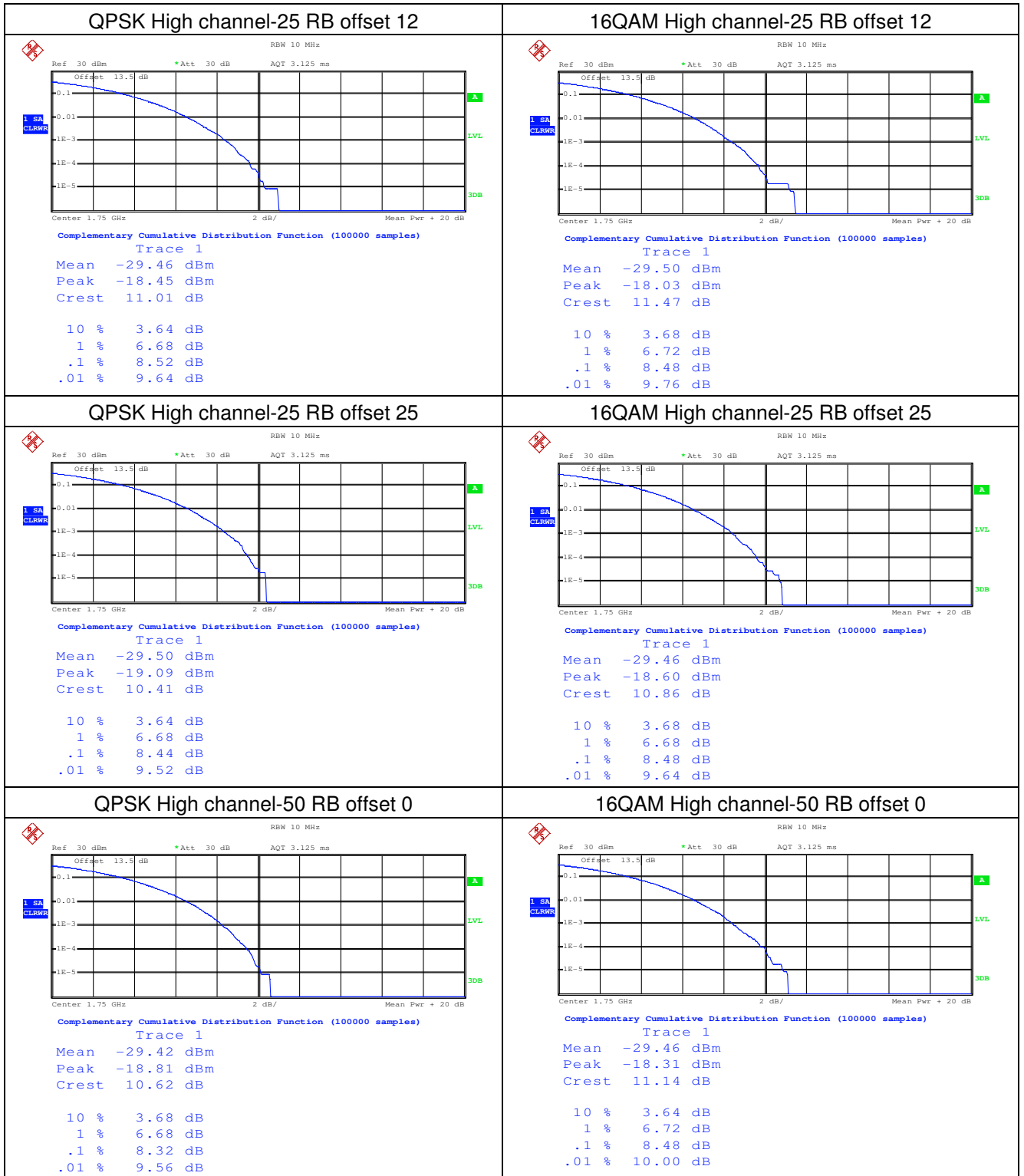


### QPSK High channel-25 RB offset 0



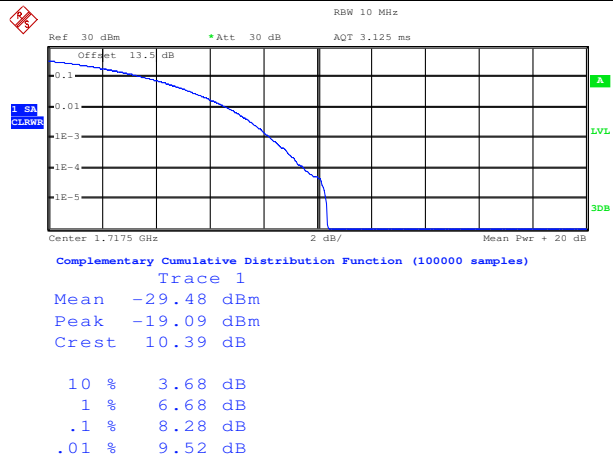
### 16QAM High channel-25 RB offset 0



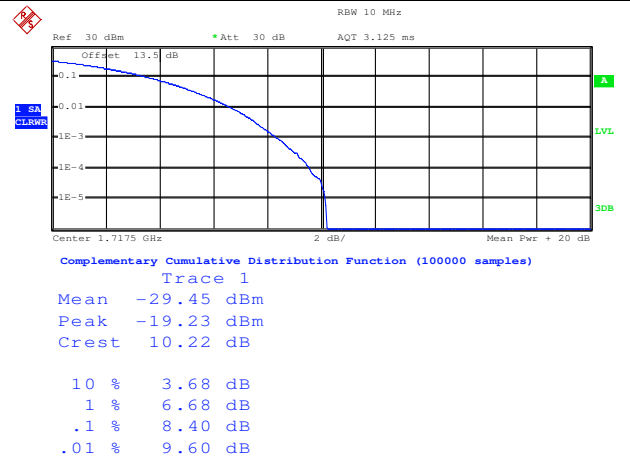


# LTE FDD Band 4, Nominal Bandwidth: 15MHz

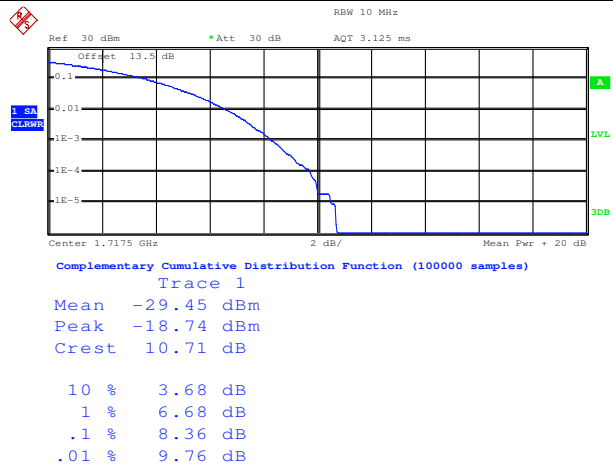
## QPSK Low channel-1 RB offset 0



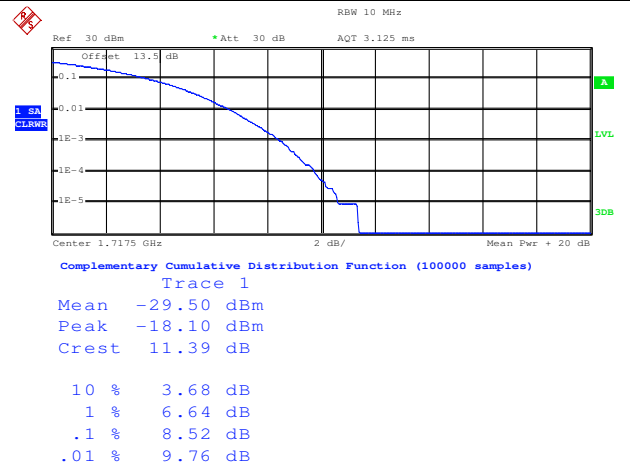
## 16QAM Low channel-1 RB offset 0



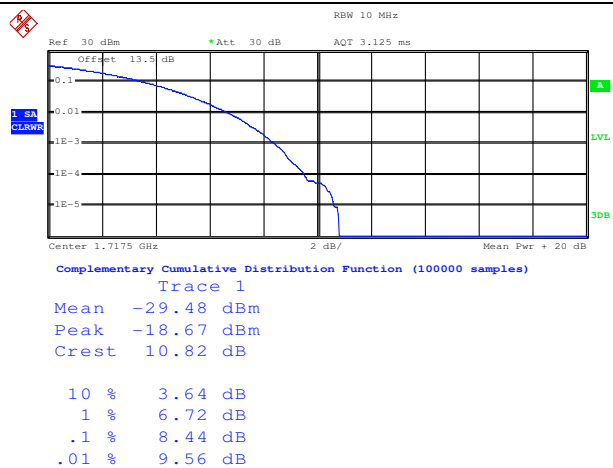
## QPSK Low channel-1 RB offset 37



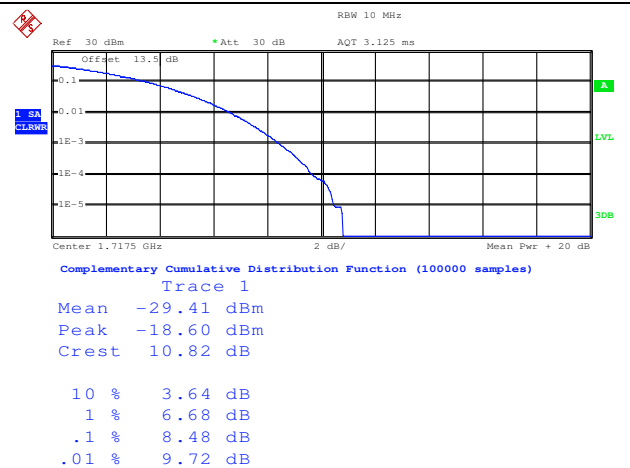
## 16QAM Low channel-1 RB offset 37

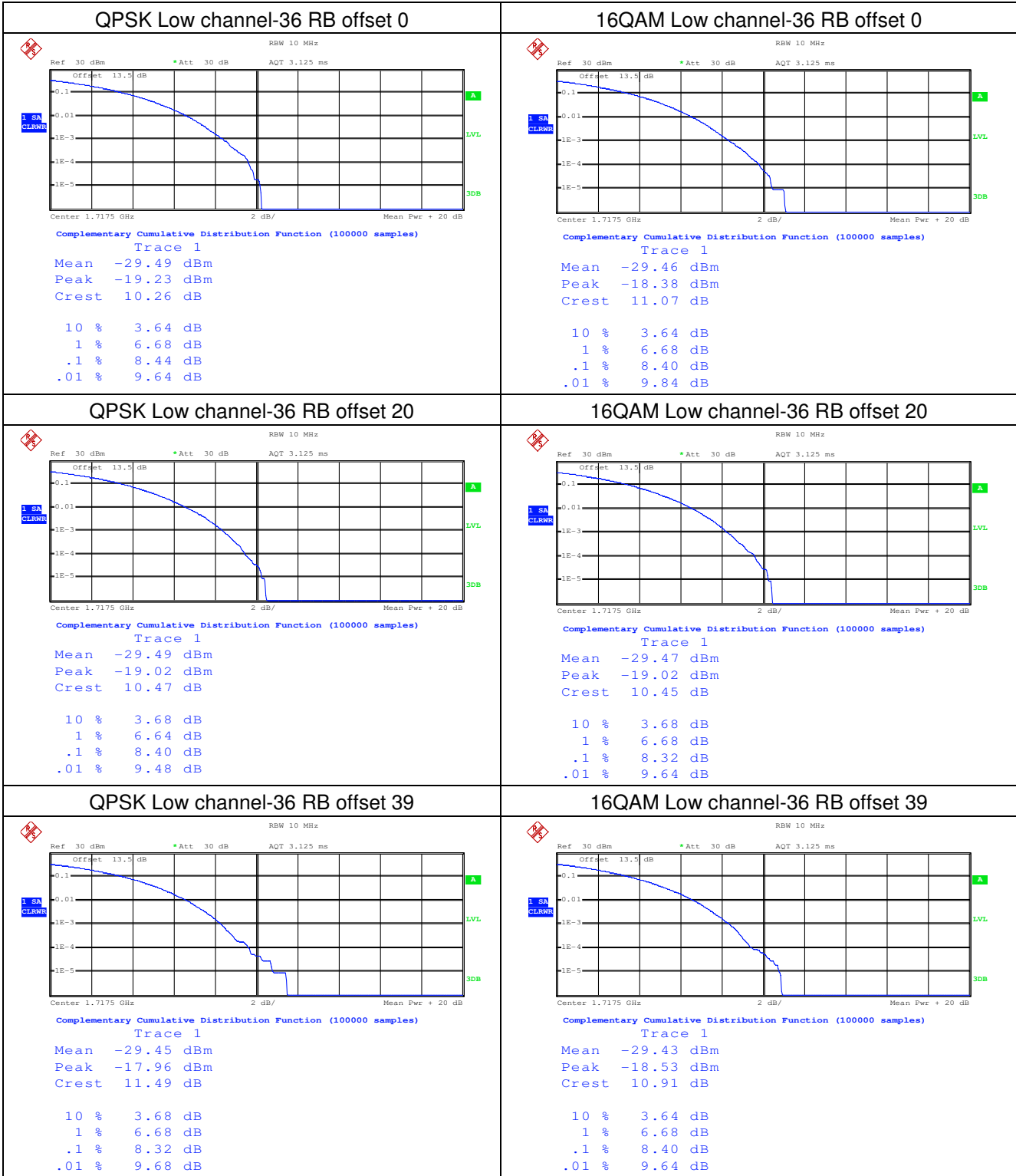


## QPSK Low channel-1 RB offset 74

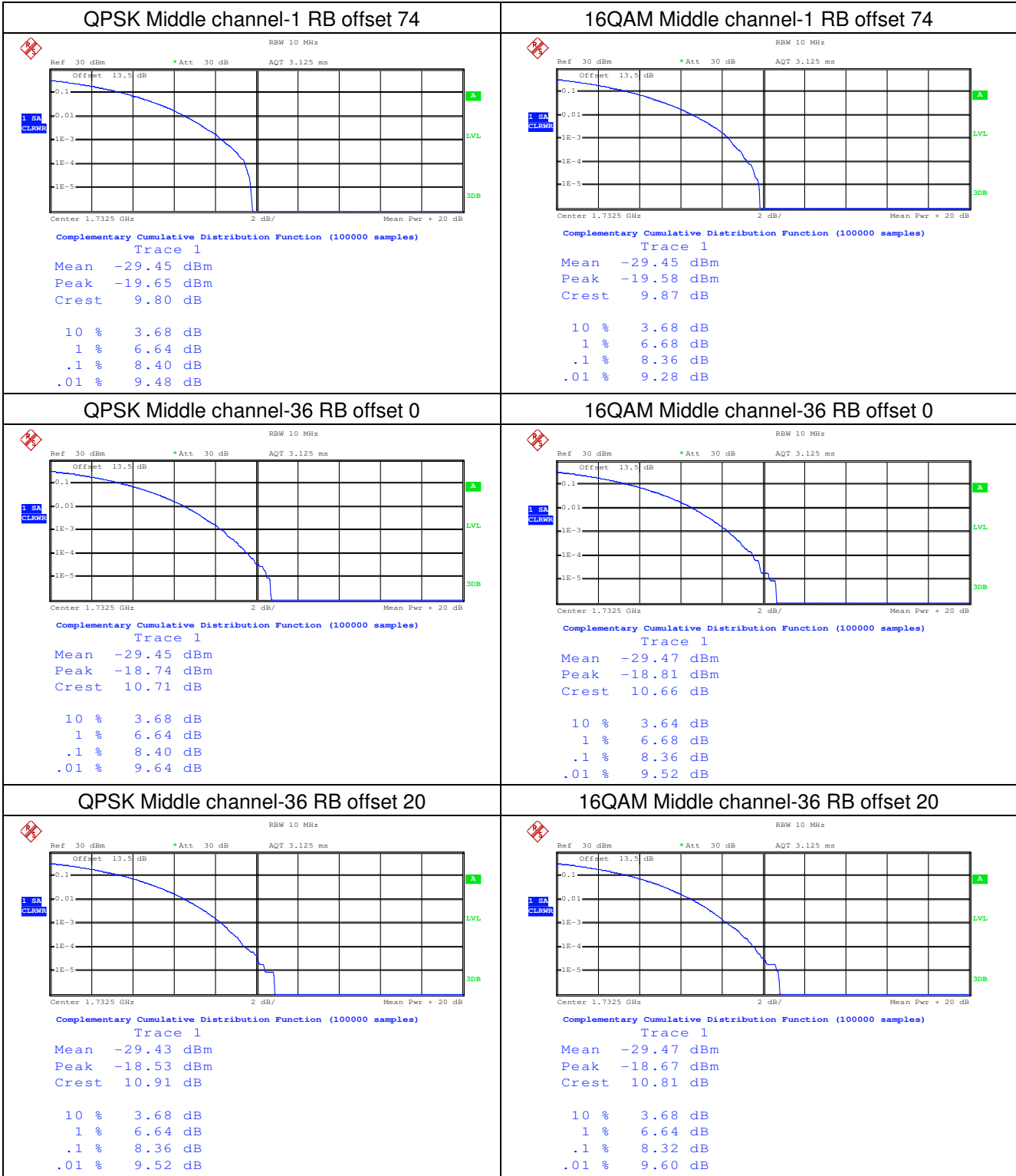


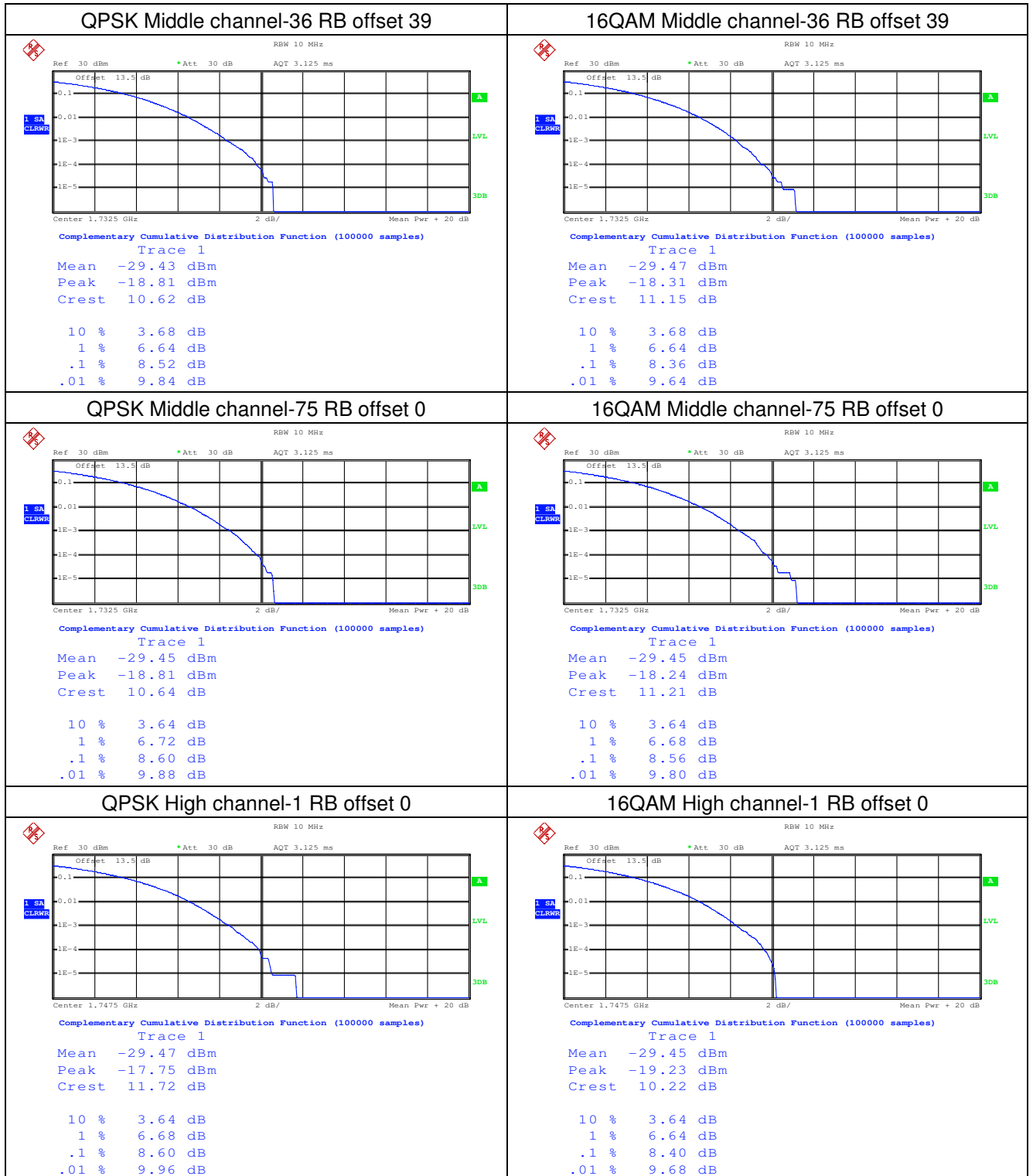
## 16QAM Low channel-1 RB offset 74



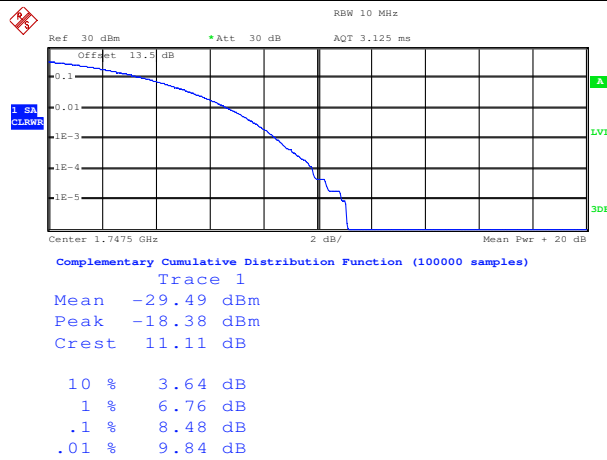




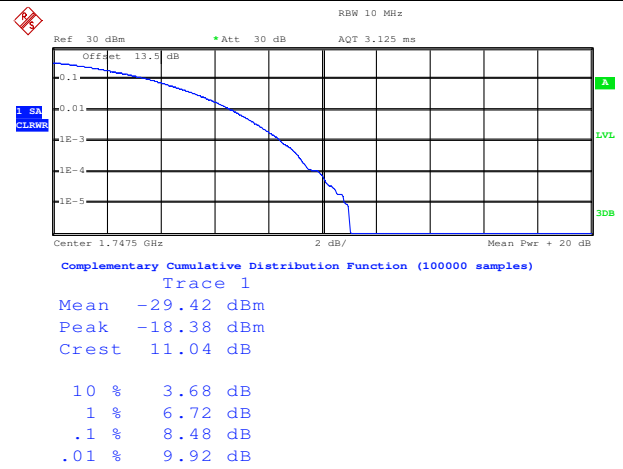




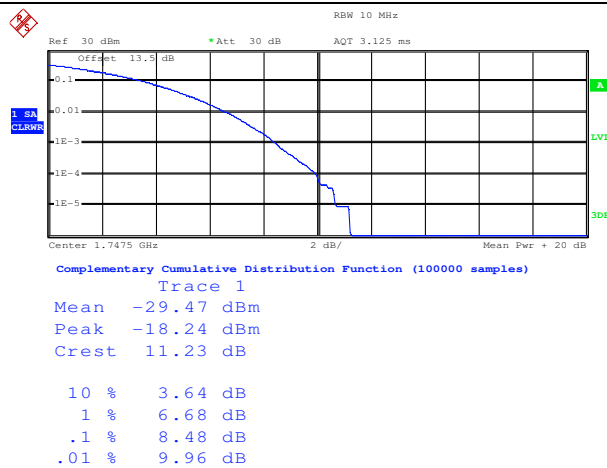
### QPSK High channel-1 RB offset 37



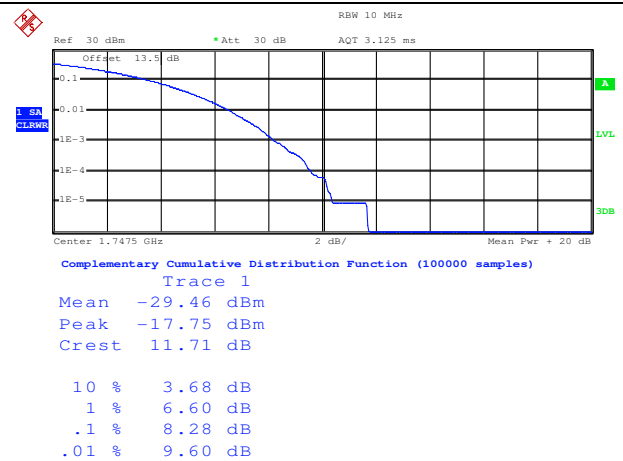
### 16QAM High channel-1 RB offset 37



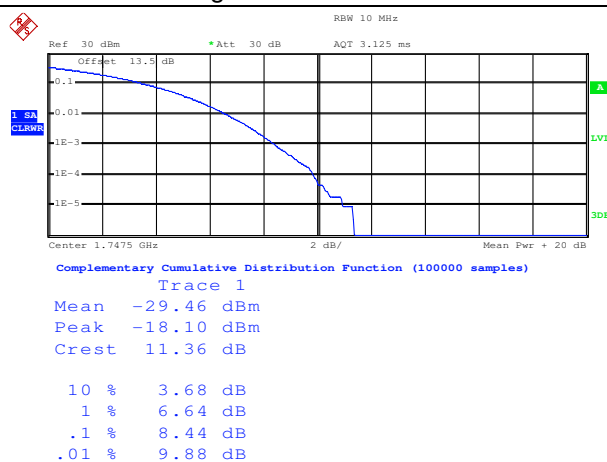
### QPSK High channel-1 RB offset 74



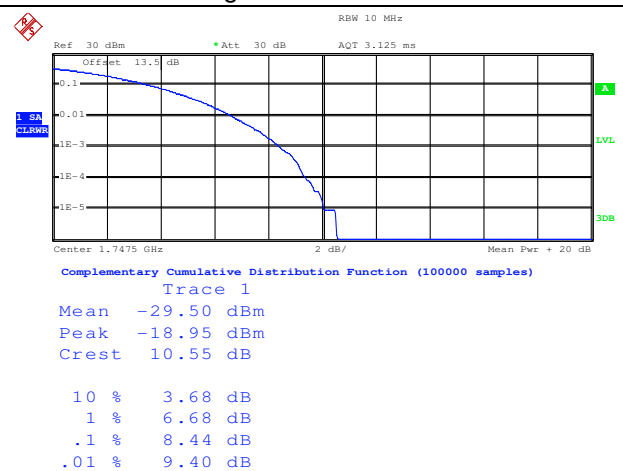
### 16QAM High channel-1 RB offset 74

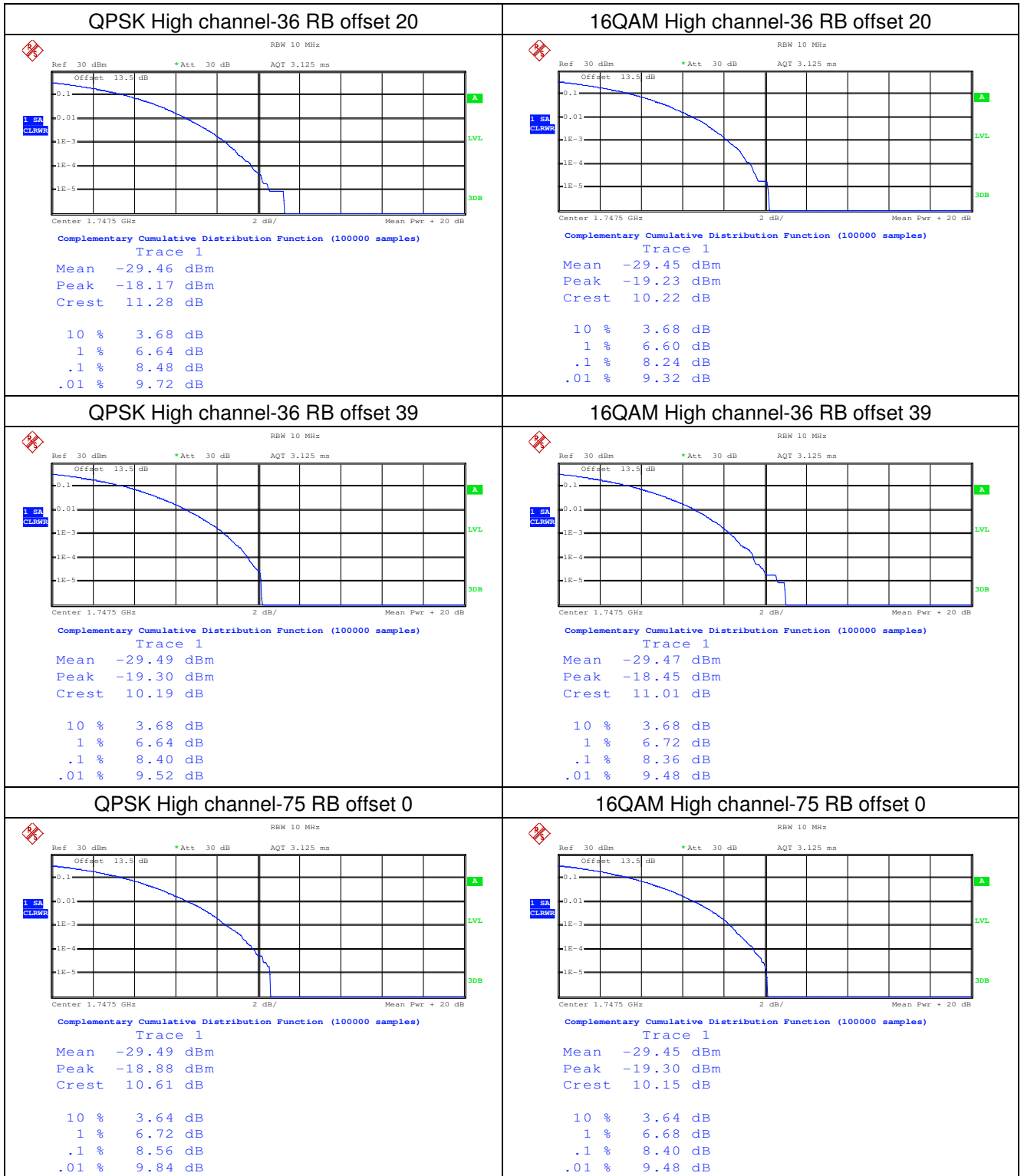


### QPSK High channel-36 RB offset 0



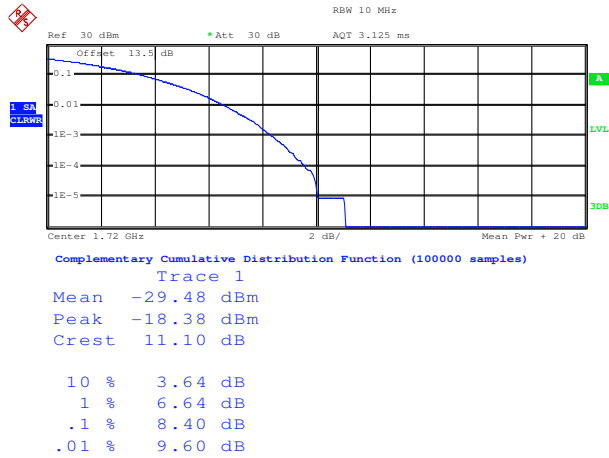
### 16QAM High channel-36 RB offset 0



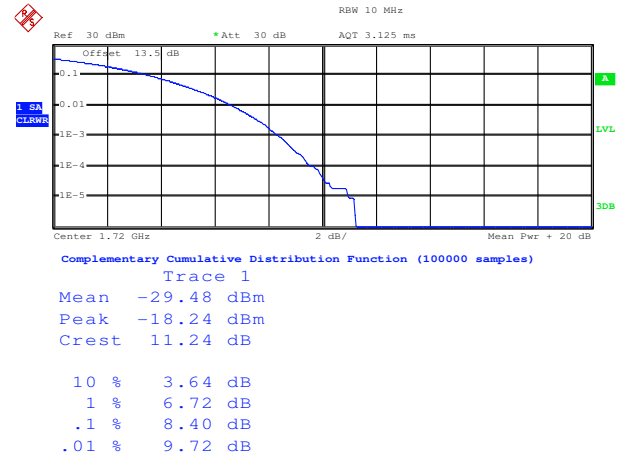


# LTE FDD Band 4, Nominal Bandwidth: 20MHz

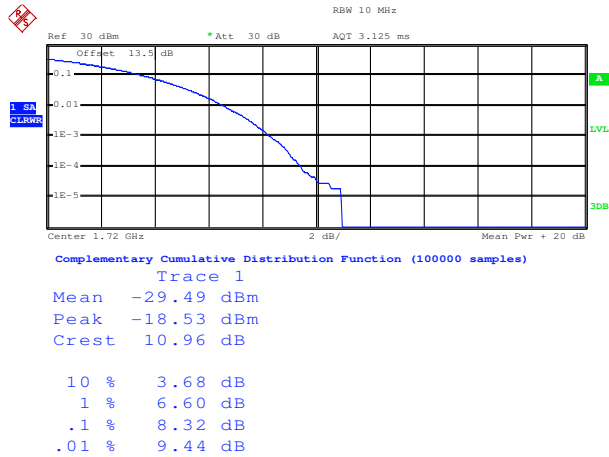
## QPSK Low channel-1 RB offset 0



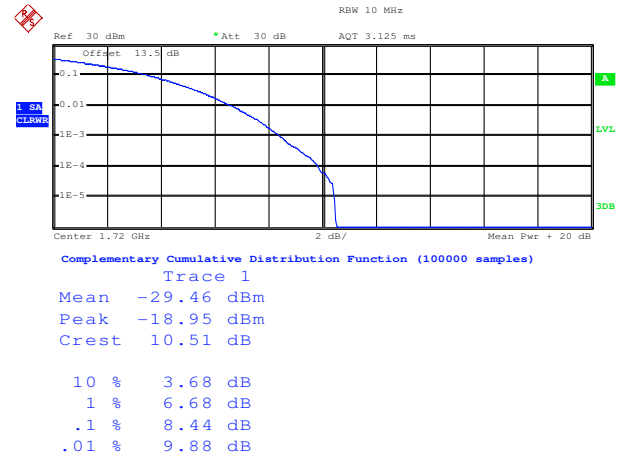
## 16QAM Low channel-1 RB offset 0



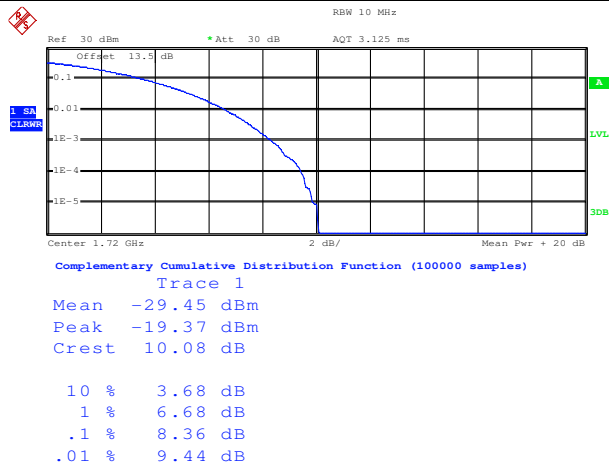
## QPSK Low channel-1 RB offset 50



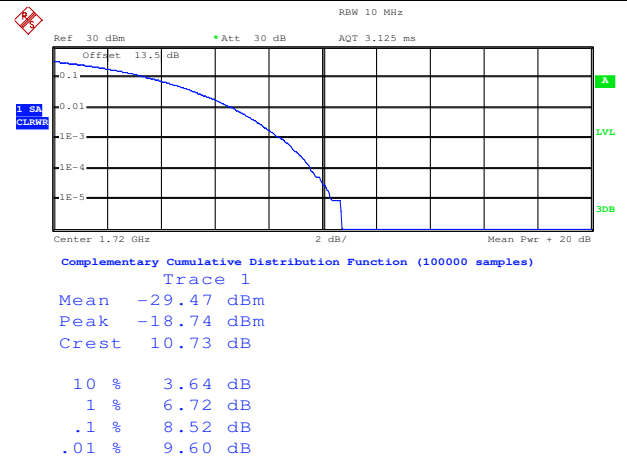
## 16QAM Low channel-1 RB offset 50



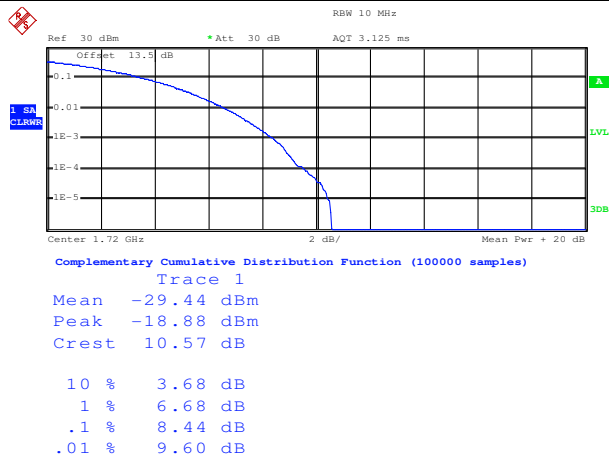
## QPSK Low channel-1 RB offset 99



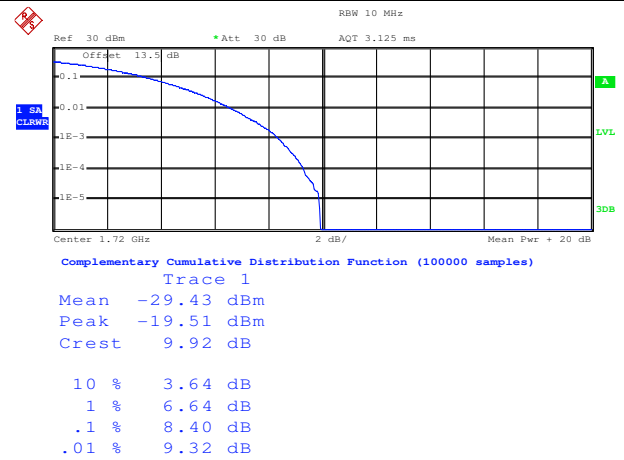
## 16QAM Low channel-1 RB offset 99



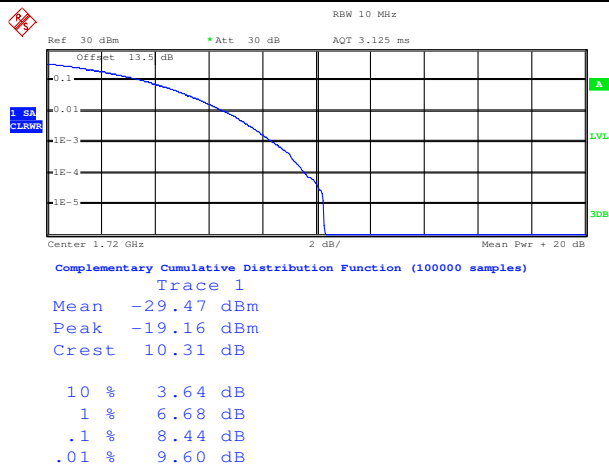
### QPSK Low channel-50 RB offset 0



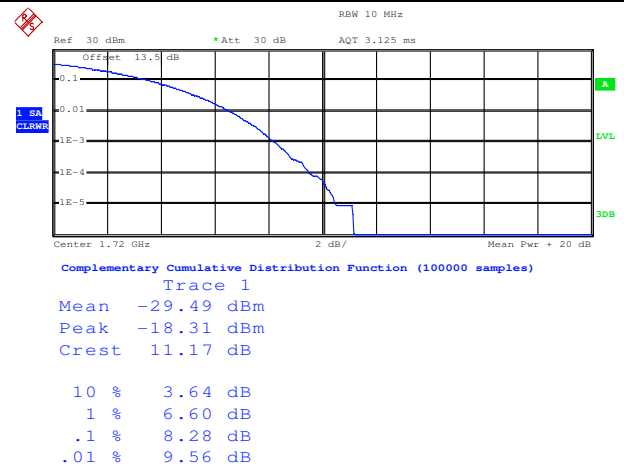
### 16QAM Low channel-50 RB offset 0



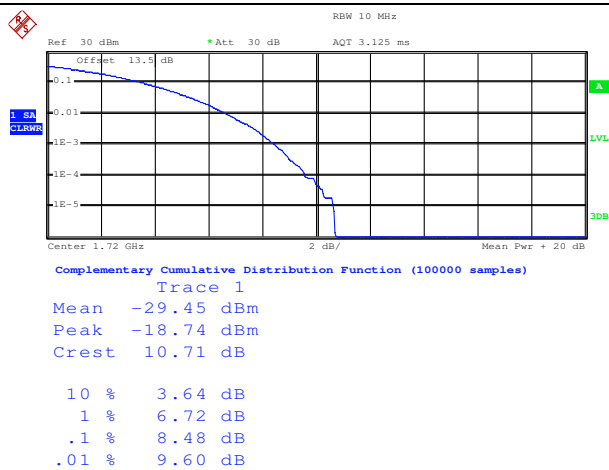
### QPSK Low channel-50 RB offset 24



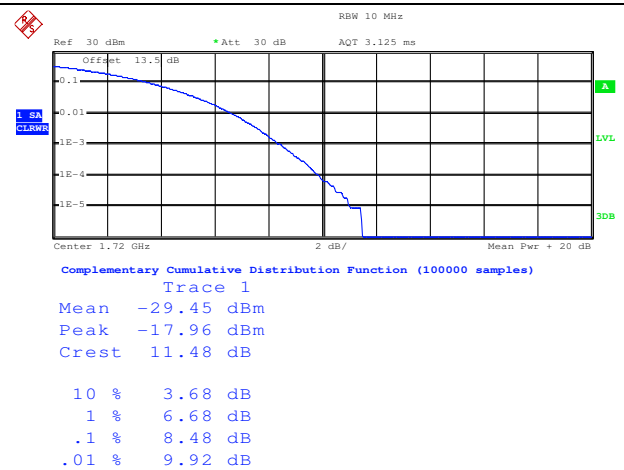
### 16QAM Low channel-50 RB offset 24



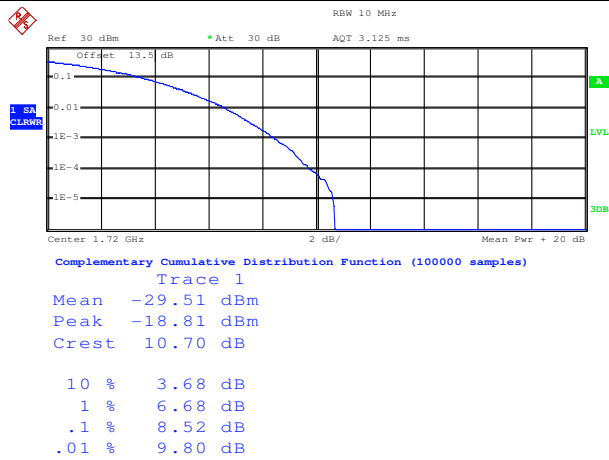
### QPSK Low channel-50 RB offset 50



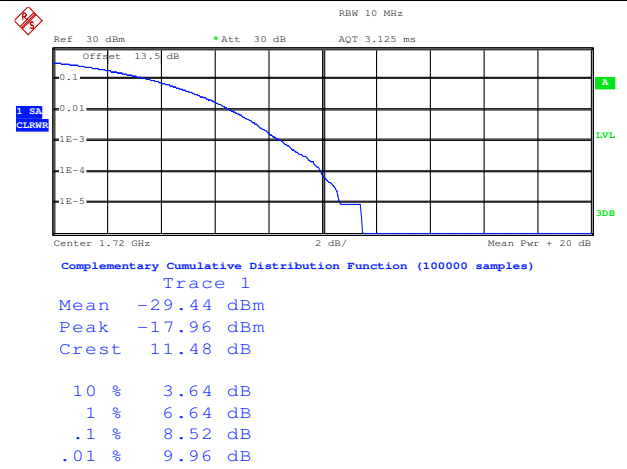
### 16QAM Low channel-50 RB offset 50



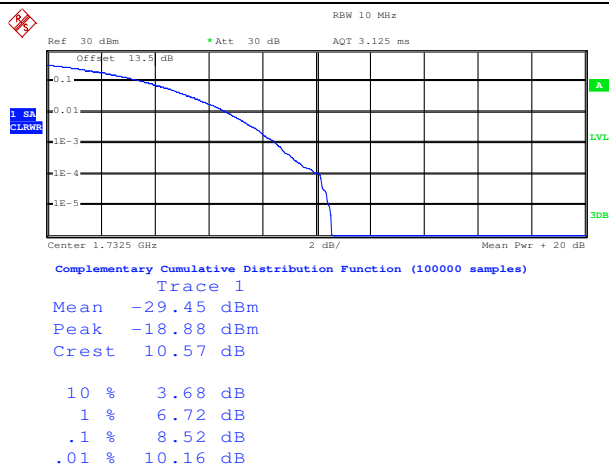
### QPSK Low channel-100 RB offset 0



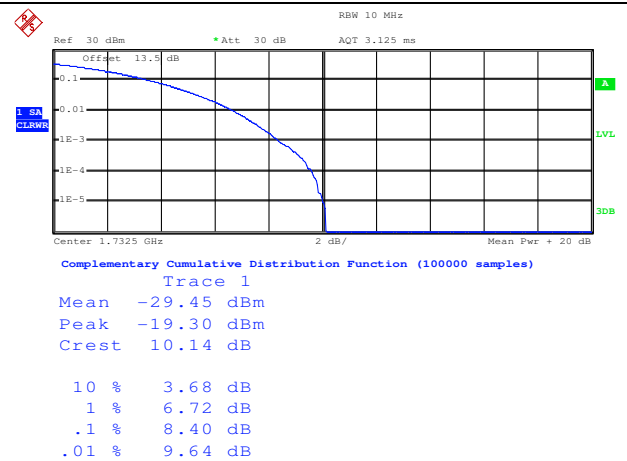
### 16QAM Low channel-100 RB offset 0



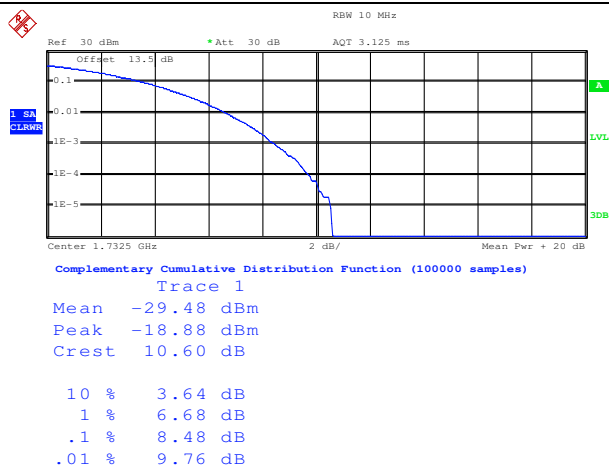
### QPSK Middle channel-1 RB offset 0



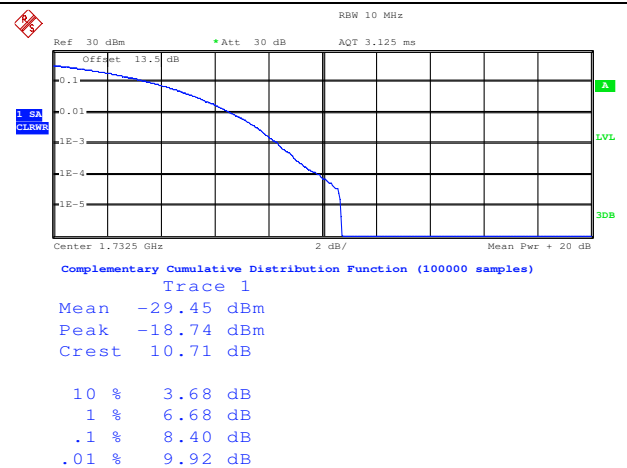
### 16QAM Middle channel-1 RB offset 0



### QPSK Middle channel-1 RB offset 50

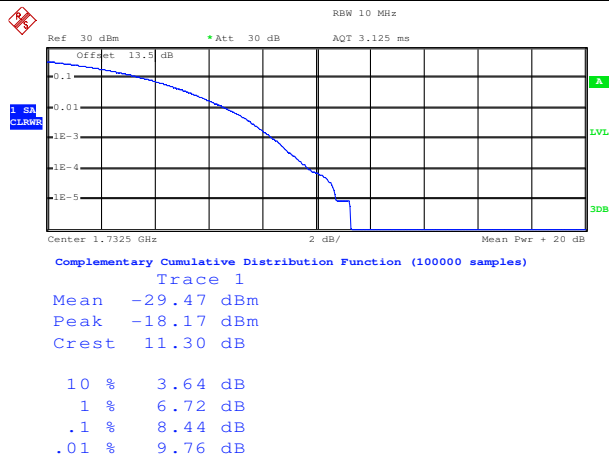


### 16QAM Middle channel-1 RB offset 50

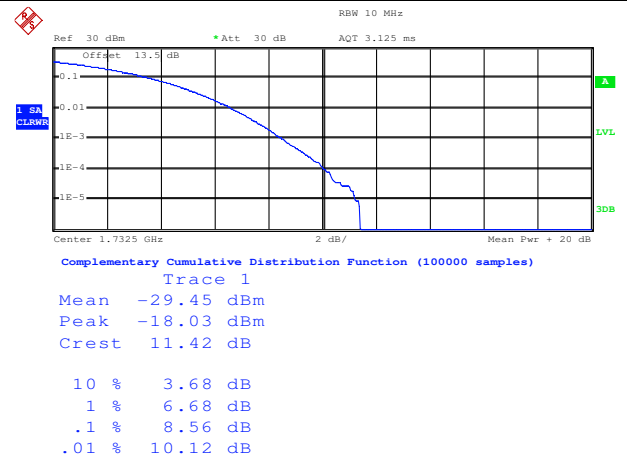




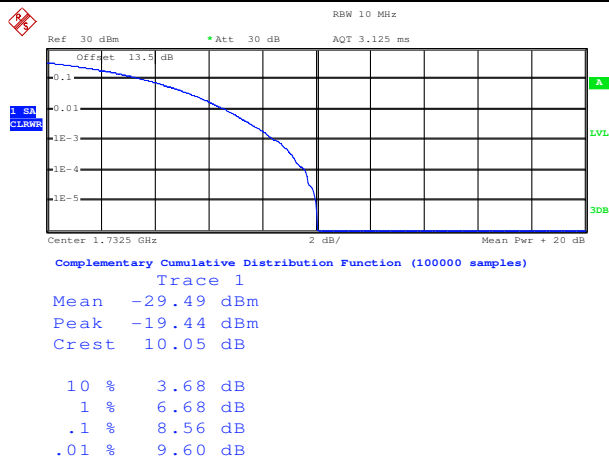
### QPSK Middle channel-50 RB offset 50



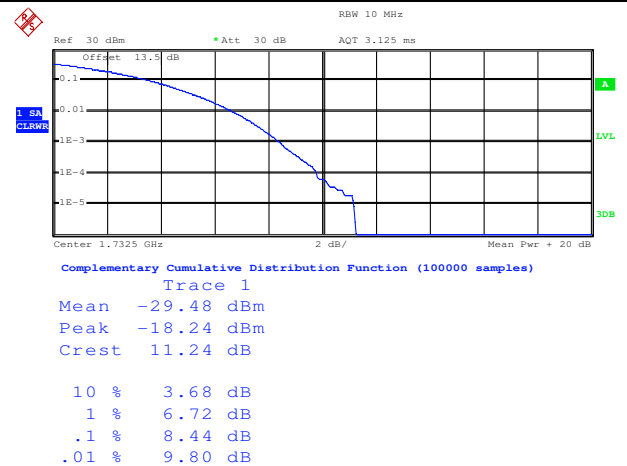
### 16QAM Middle channel-50 RB offset 50



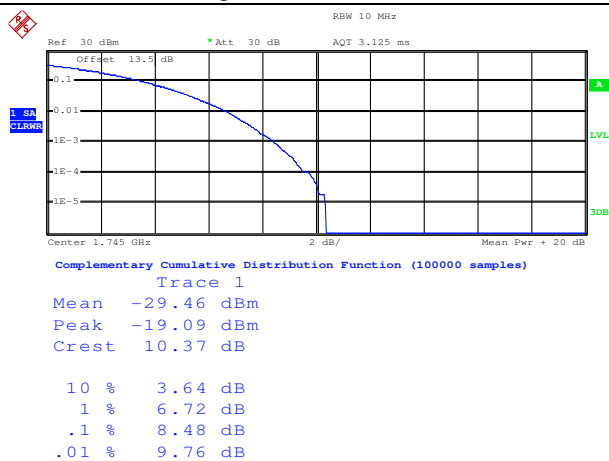
### QPSK Middle channel-100 RB offset 0



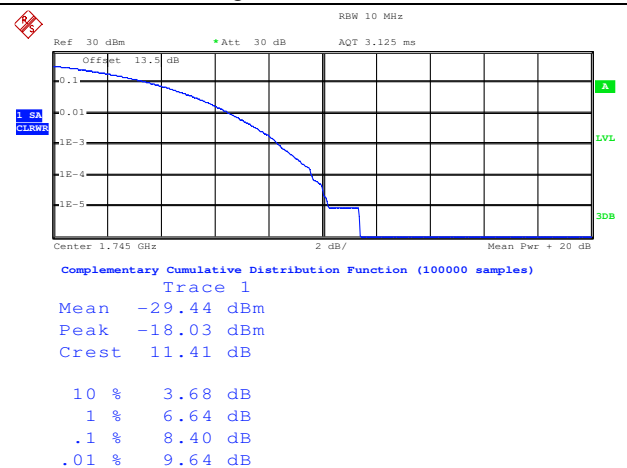
### 16QAM Middle channel-100 RB offset 0



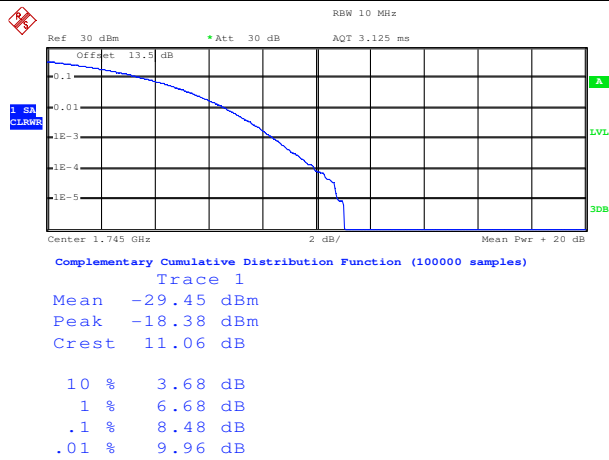
### QPSK High channel-1 RB offset 0



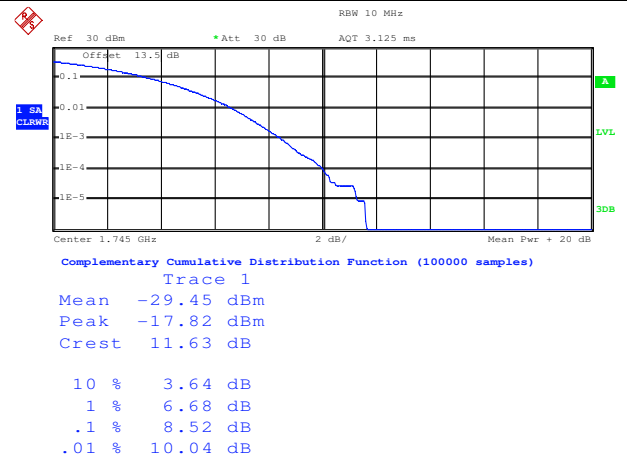
### 16QAM High channel-1 RB offset 0



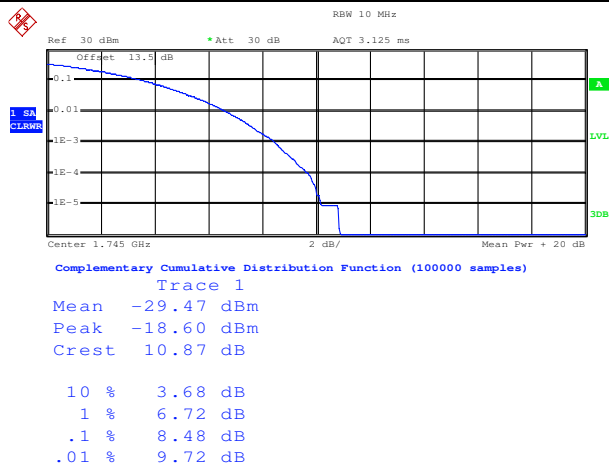
### QPSK High channel-1 RB offset 50



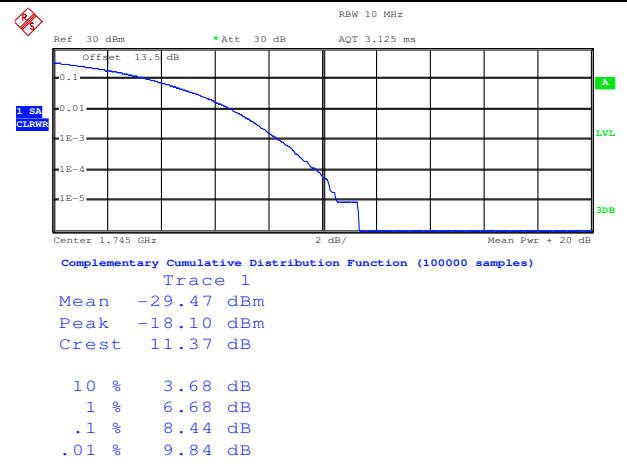
### 16QAM High channel-1 RB offset 50



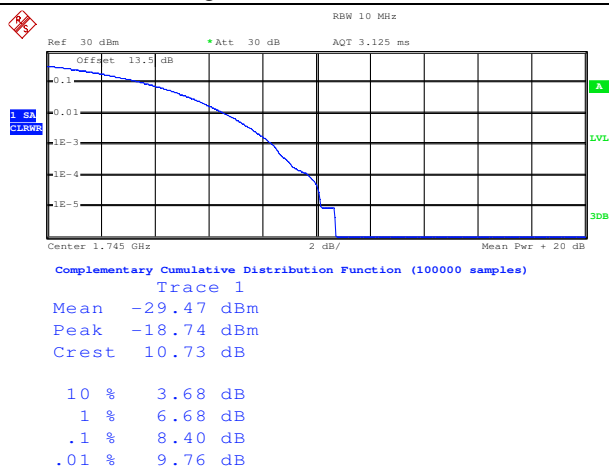
### QPSK High channel-1 RB offset 99



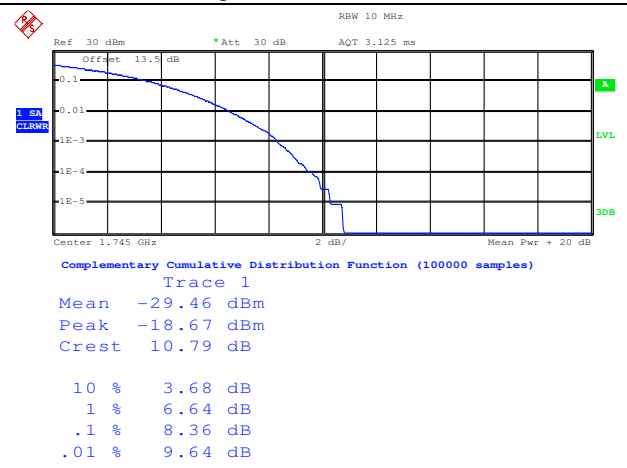
### 16QAM High channel-1 RB offset 99



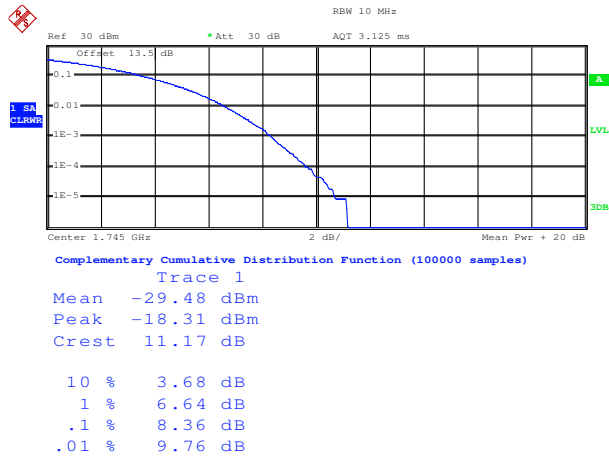
### QPSK High channel-508 RB offset 0



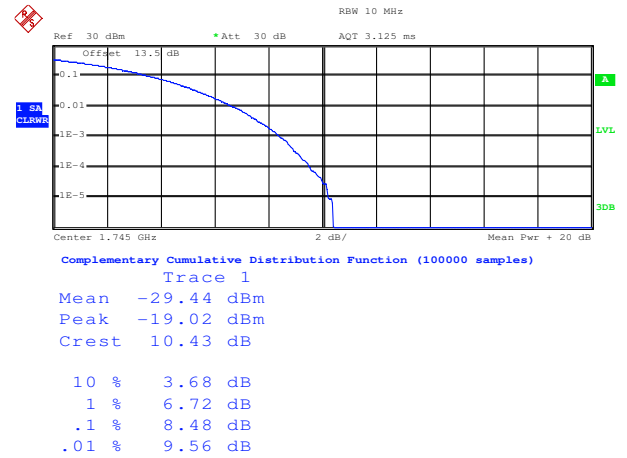
### 16QAM High channel-508 RB offset 0



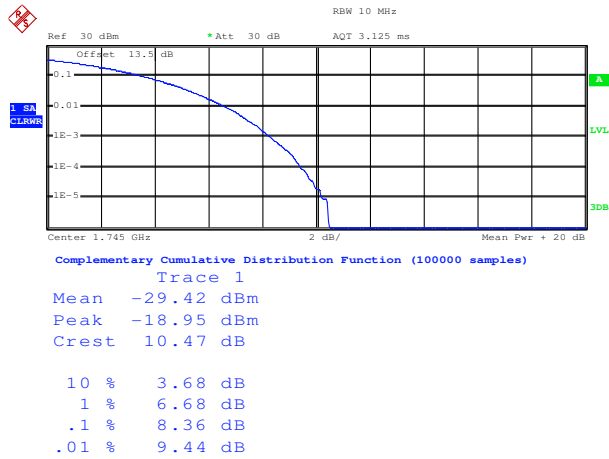
### QPSK High channel-50 RB offset 25



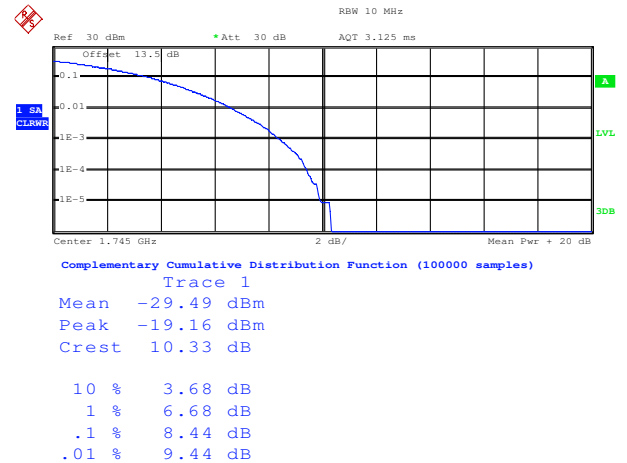
### 16QAM High channel-50 RB offset 25



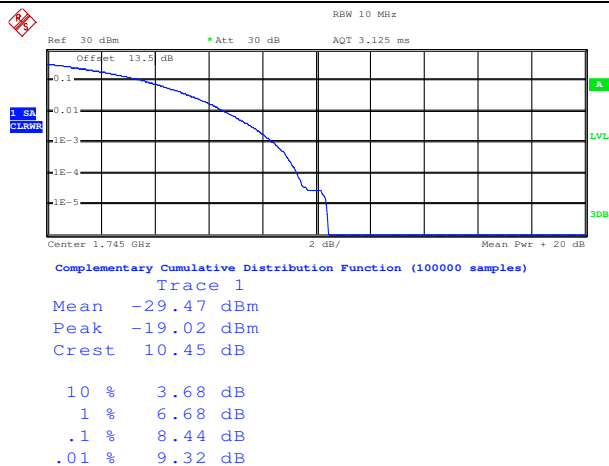
### QPSK High channel-50 RB offset 50



### 16QAM High channel-50 RB offset 50



### QPSK High channel-100 RB offset 0



### 16QAM High channel-100 RB offset 0

