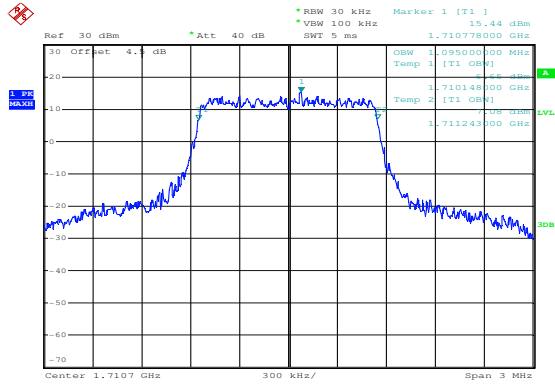


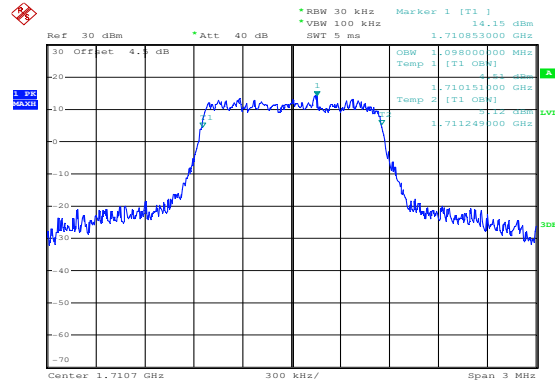
| LTE FDD Band 4    |            |                |                  |        |        |
|-------------------|------------|----------------|------------------|--------|--------|
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |        |        |
|                   |            |                | LCH              | MCH    | HCH    |
| 1.4 MHz           | QPSK       | OBW            | 1.095            | 1.098  | 1.098  |
|                   |            | 26dB bandwidth | 1.287            | 1.293  | 1.272  |
|                   | 16QAM      | OBW            | 1.098            | 1.101  | 1.095  |
|                   |            | 26dB bandwidth | 1.296            | 1.272  | 1.293  |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |        |        |
|                   |            |                | LCH              | MCH    | HCH    |
| 3.0 MHz           | QPSK       | OBW            | 2.682            | 2.676  | 2.682  |
|                   |            | 26dB bandwidth | 2.940            | 2.928  | 2.946  |
|                   | 16QAM      | OBW            | 2.682            | 2.682  | 2.688  |
|                   |            | 26dB bandwidth | 2.958            | 2.922  | 2.952  |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |        |        |
|                   |            |                | LCH              | MCH    | HCH    |
| 5.0 MHz           | QPSK       | OBW            | 4.500            | 4.500  | 4.500  |
|                   |            | 26dB bandwidth | 5.060            | 5.050  | 5.050  |
|                   | 16QAM      | OBW            | 4.500            | 4.500  | 4.500  |
|                   |            | 26dB bandwidth | 4.950            | 4.980  | 5.010  |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |        |        |
|                   |            |                | LCH              | MCH    | HCH    |
| 10MHz             | QPSK       | OBW            | 8.960            | 8.920  | 8.960  |
|                   |            | 26dB bandwidth | 9.580            | 9.640  | 9.560  |
|                   | 16QAM      | OBW            | 8.920            | 8.920  | 8.940  |
|                   |            | 26dB bandwidth | 9.600            | 9.580  | 9.540  |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |        |        |
|                   |            |                | LCH              | MCH    | HCH    |
| 15MHz             | QPSK       | OBW            | 13.530           | 13.410 | 13.500 |
|                   |            | 26dB bandwidth | 15.060           | 14.700 | 14.730 |
|                   | 16QAM      | OBW            | 13.530           | 13.440 | 13.530 |
|                   |            | 26dB bandwidth | 15.000           | 14.550 | 14.760 |
| Nominal Bandwidth | Modulation | Test Item      | Test result(MHz) |        |        |
|                   |            |                | LCH              | MCH    | HCH    |
| 20MHz             | QPSK       | OBW            | 17.960           | 17.760 | 17.880 |
|                   |            | 26dB bandwidth | 19.360           | 19.160 | 19.160 |
|                   | 16QAM      | OBW            | 17.960           | 17.840 | 17.840 |
|                   |            | 26dB bandwidth | 19.560           | 19.360 | 19.240 |

# LTE FDD Band 4, Nominal Bandwidth: 1.4MHz, OBW

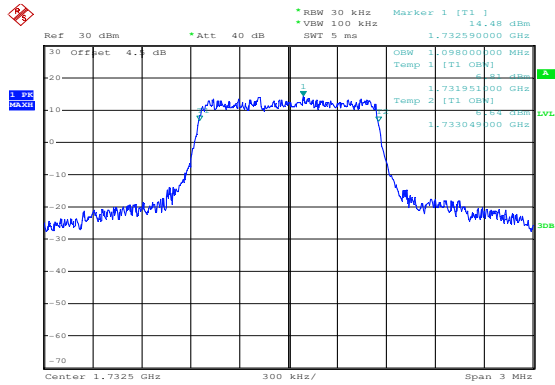
## QPSK Low channel



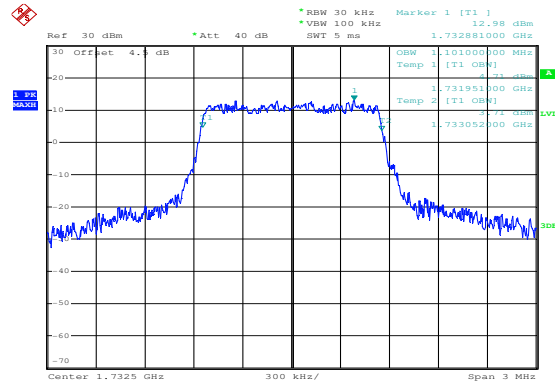
## 16QAM Low channel



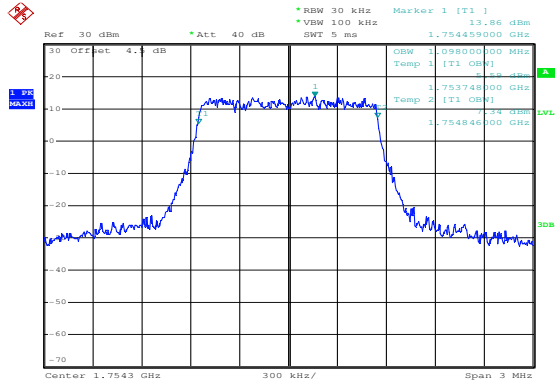
## QPSK Middle channel



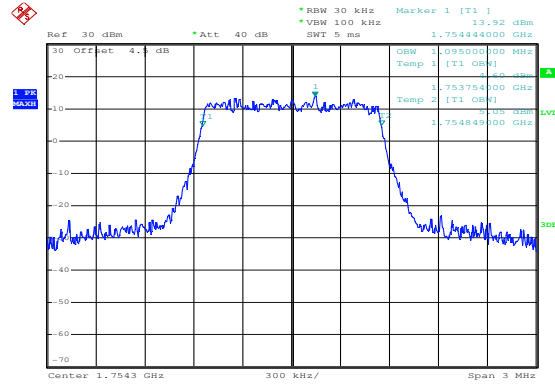
## 16QAM Middle channel



## QPSK High channel

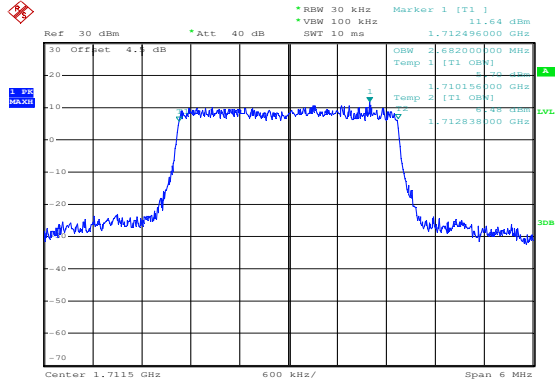


## 16QAM High channel

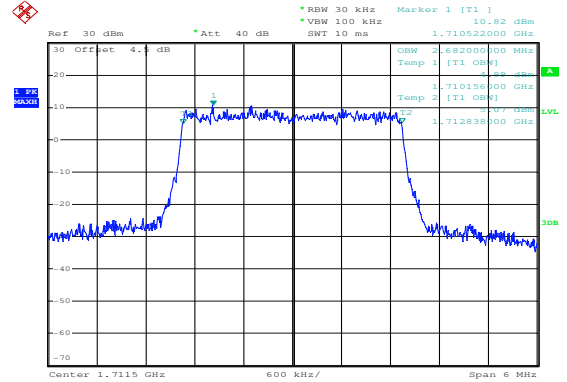


# LTE FDD Band 4, Nominal Bandwidth: 3.0MHz, OBW

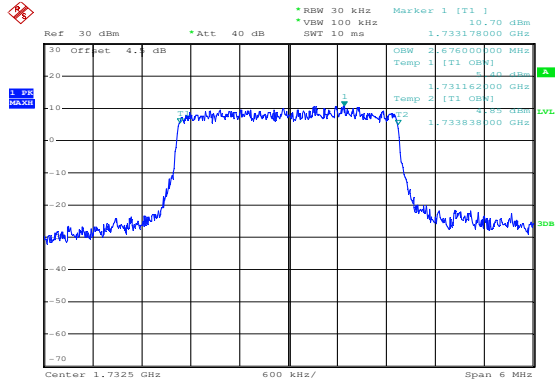
## QPSK Low channel



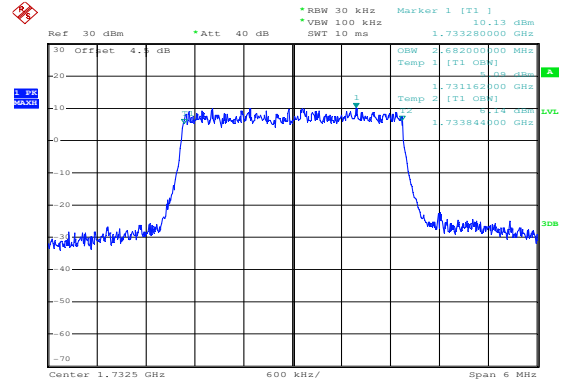
## 16QAM Low channel



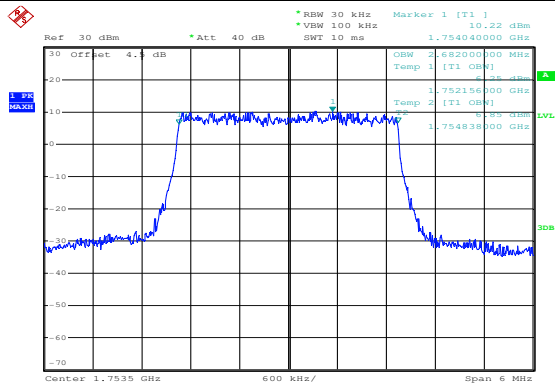
## QPSK Middle channel



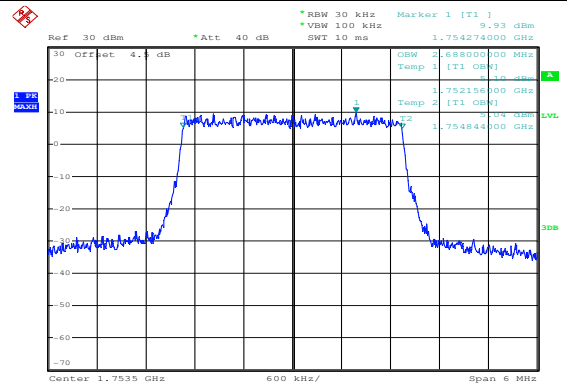
## 16QAM Middle channel



## QPSK High channel

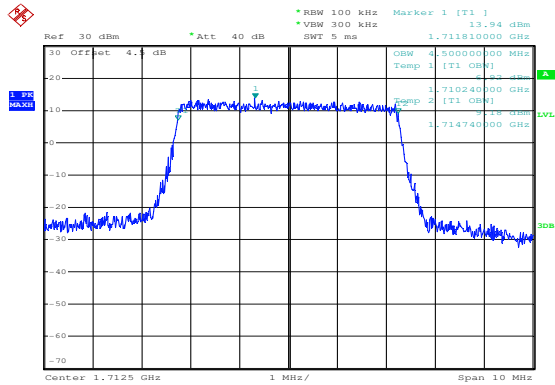


## 16QAM High channel

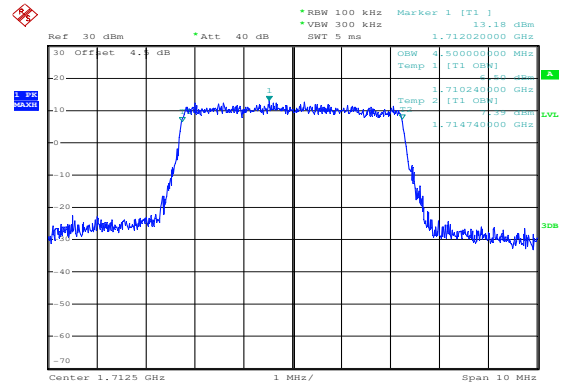


# LTE FDD Band 4, Nominal Bandwidth: 5.0MHz, OBW

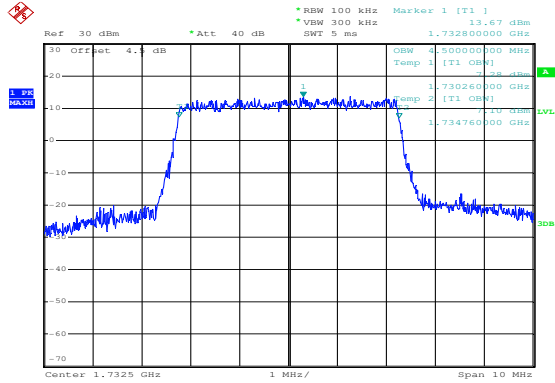
## QPSK Low channel



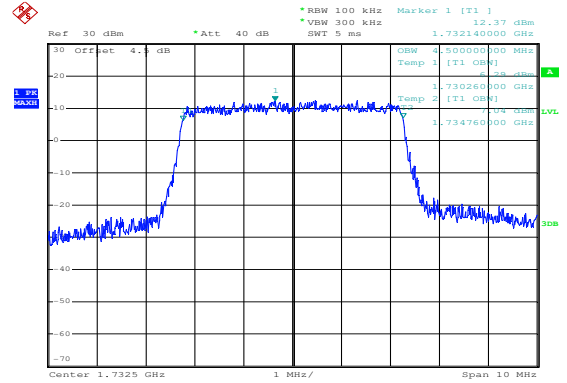
## 16QAM Low channel



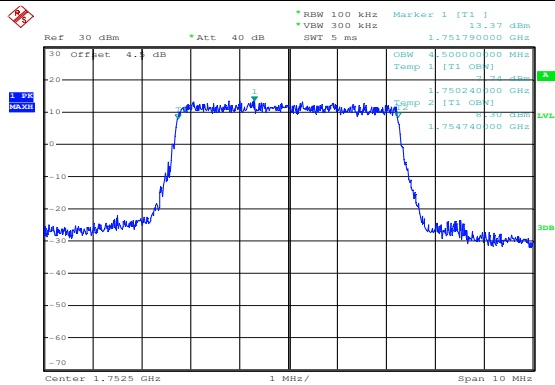
## QPSK Middle channel



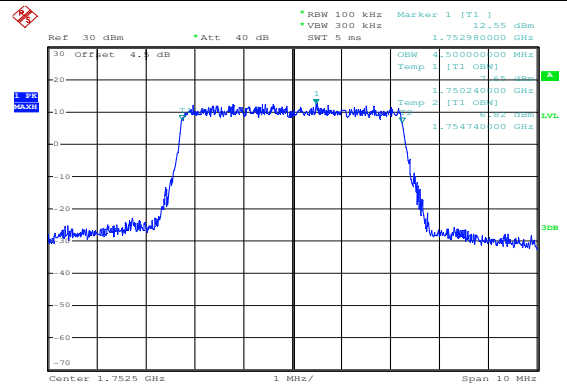
## 16QAM Middle channel



## QPSK High channel

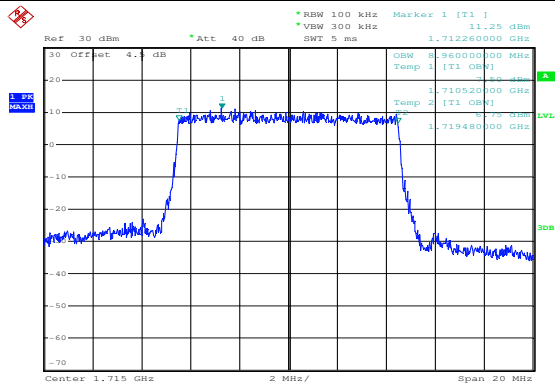


## 16QAM High channel

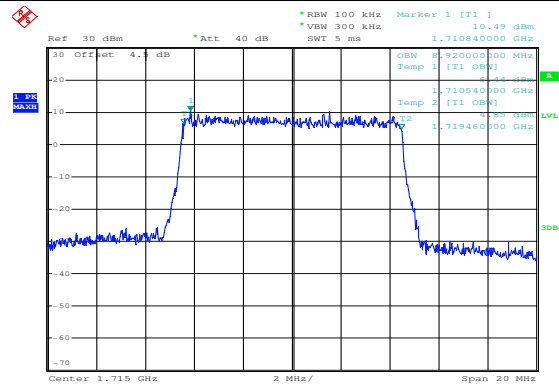


# LTE FDD Band 4, Nominal Bandwidth: 10MHz, OBW

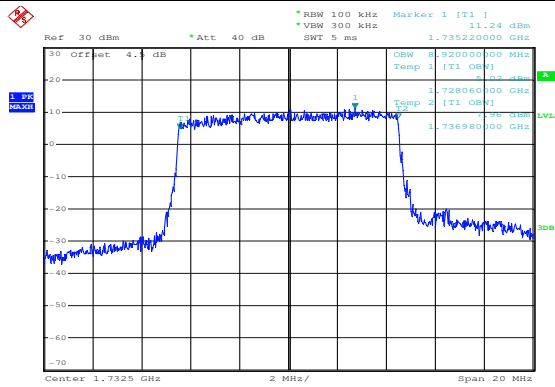
## QPSK Low channel



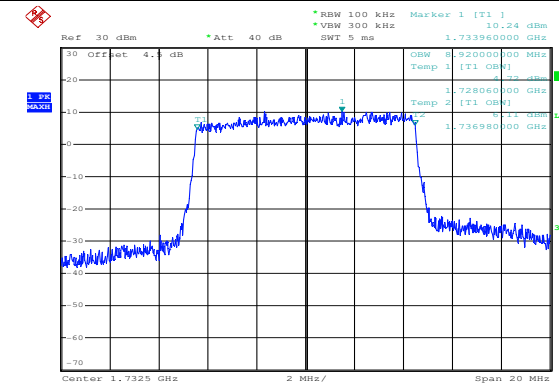
## 16QAM Low channel



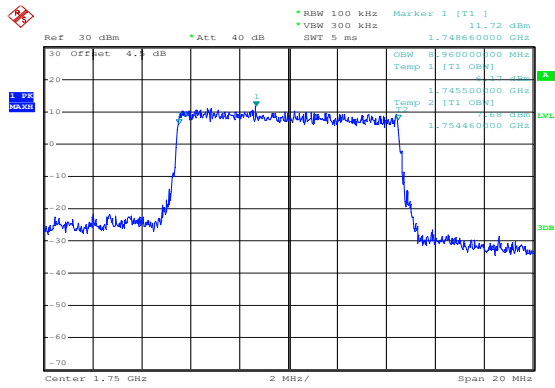
## QPSK Middle channel



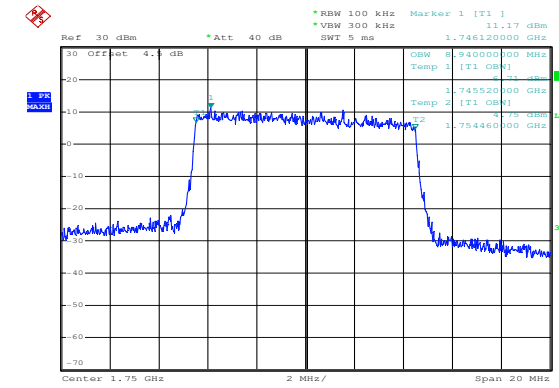
## 16QAM Middle channel



## QPSK High channel

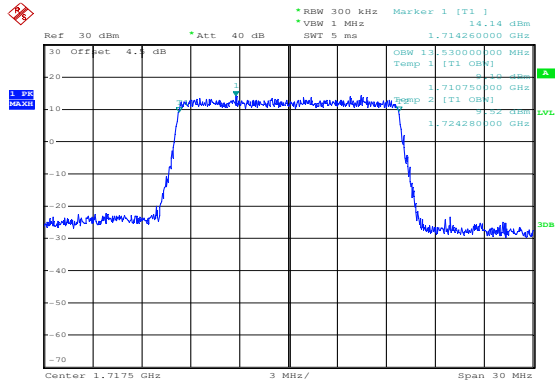


## 16QAM High channel

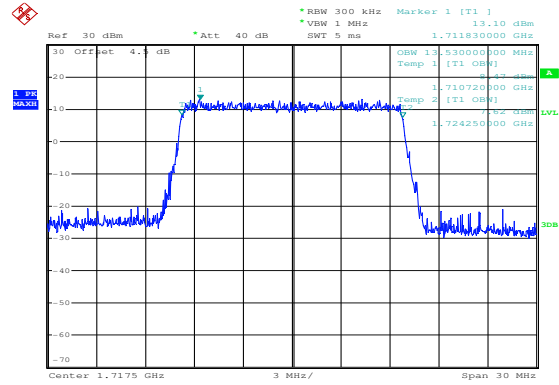


# LTE FDD Band 4, Nominal Bandwidth: 15MHz, OBW

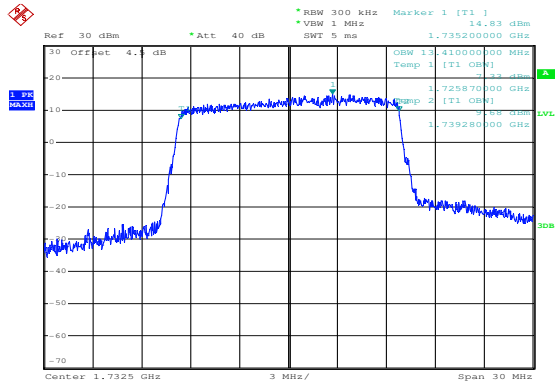
## QPSK Low channel



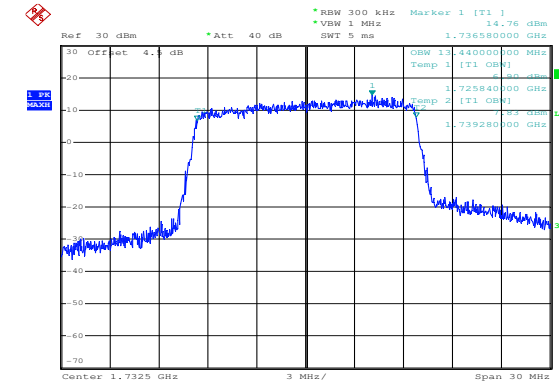
## 16QAM Low channel



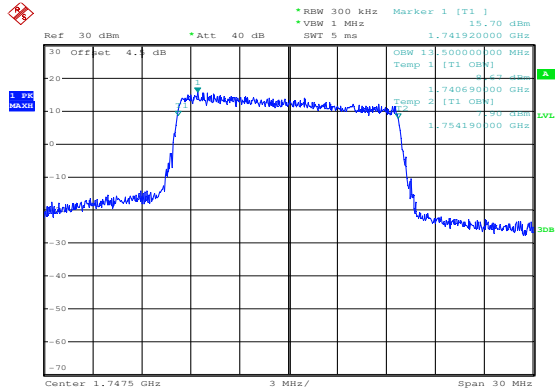
## QPSK Middle channel



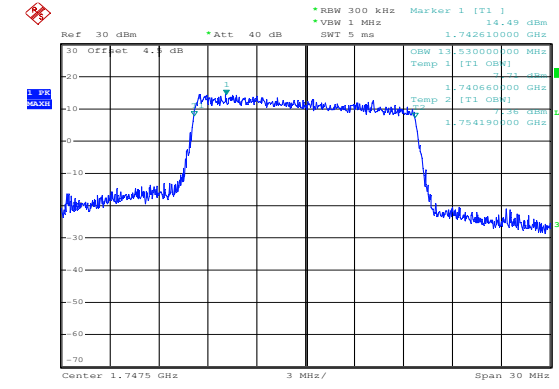
## 16QAM Middle channel



## QPSK High channel

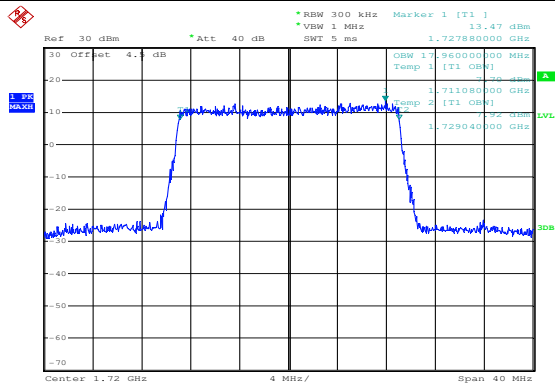


## 16QAM High channel

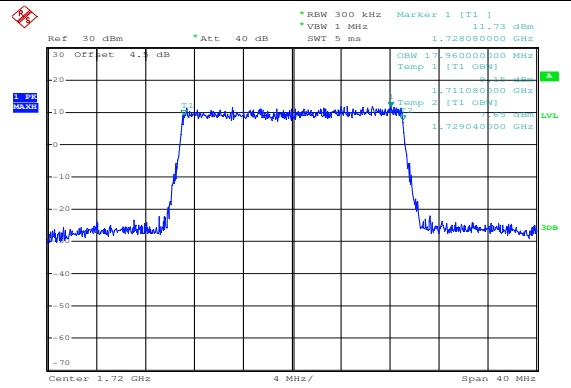


# LTE FDD Band 4, Nominal Bandwidth: 20MHz, OBW

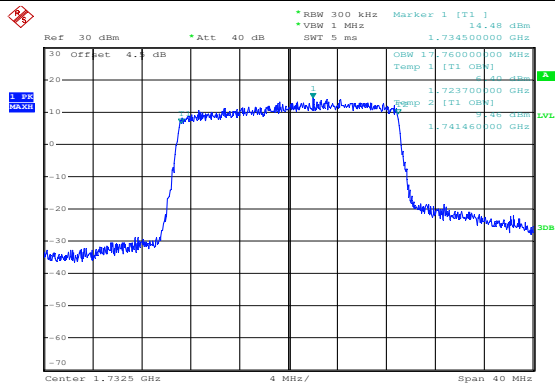
## QPSK Low channel



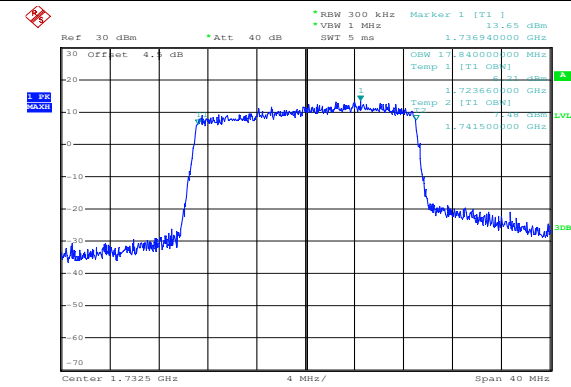
## 16QAM Low channel



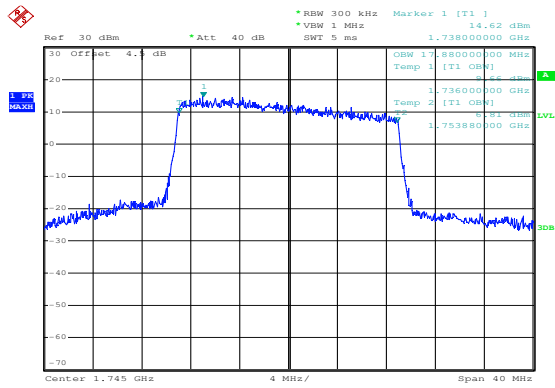
## QPSK Middle channel



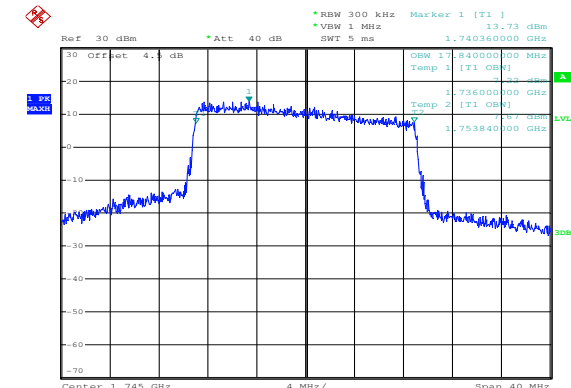
## 16QAM Middle channel



## QPSK High channel

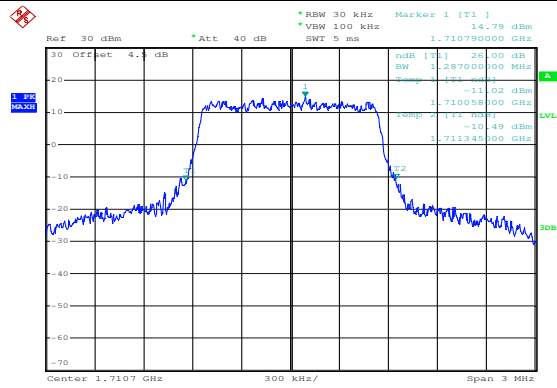


## 16QAM High channel

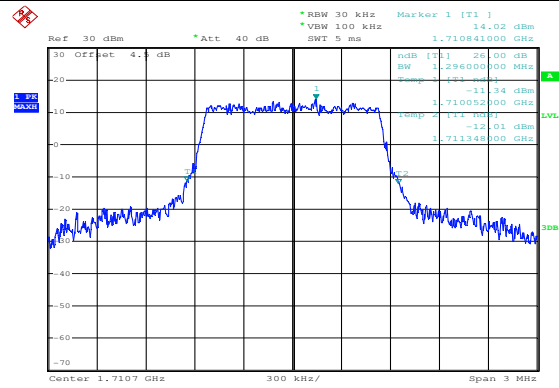


# LTE FDD Band 4, Nominal Bandwidth: 1.4MHz, 26dB

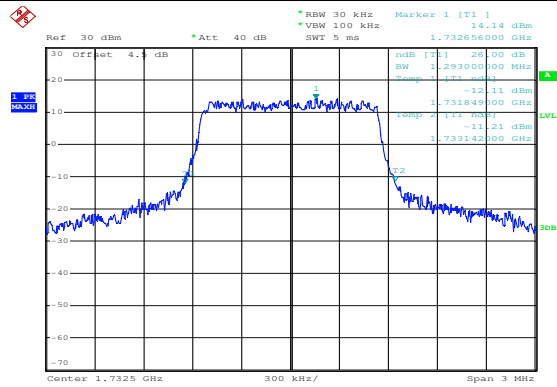
## QPSK Low channel



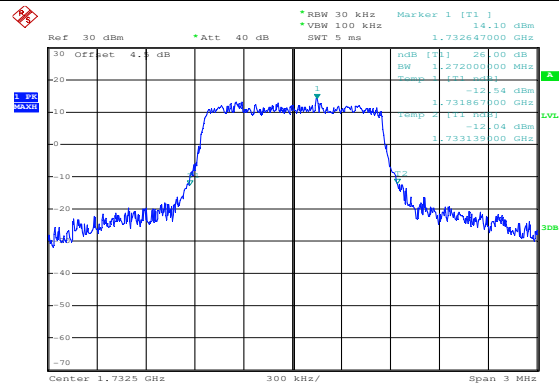
## 16QAM Low channel



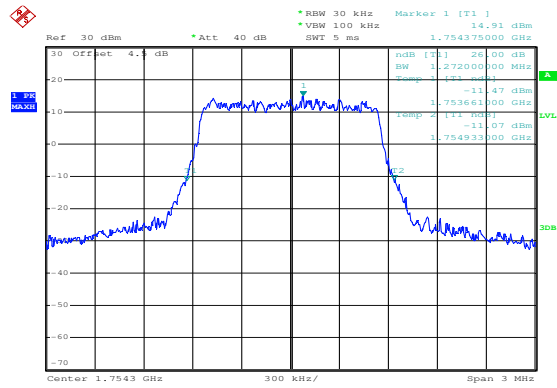
## QPSK Middle channel



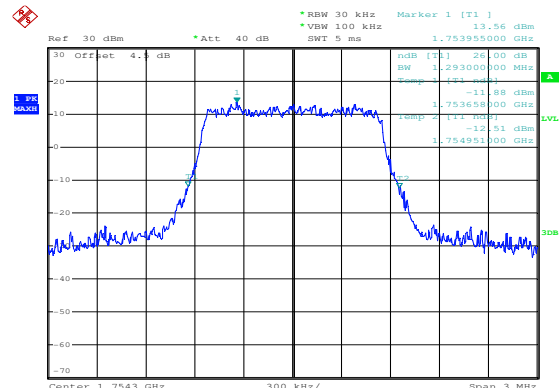
## 16QAM Middle channel



## QPSK High channel

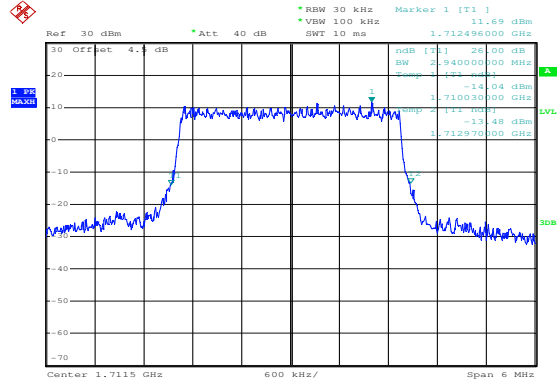


## 16QAM High channel

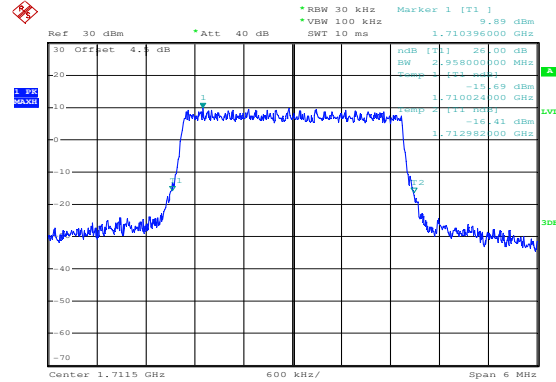


# LTE FDD Band 4, Nominal Bandwidth: 3.0MHz, 26dB

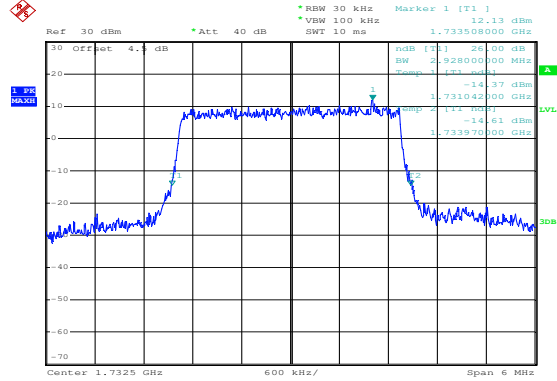
## QPSK Low channel



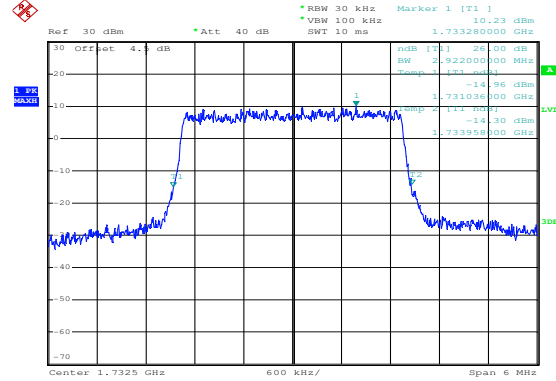
## 16QAM Low channel



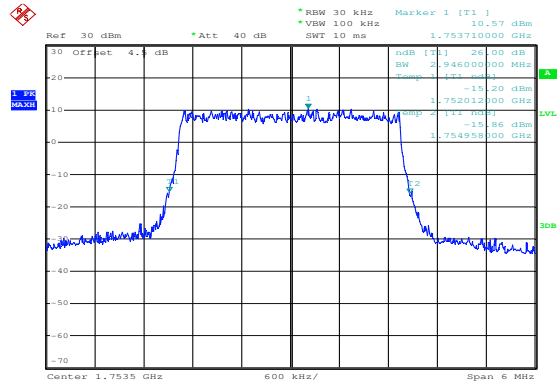
## QPSK Middle channel



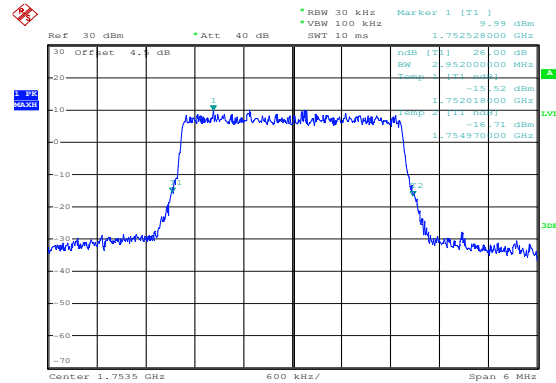
## 16QAM Middle channel



## QPSK High channel

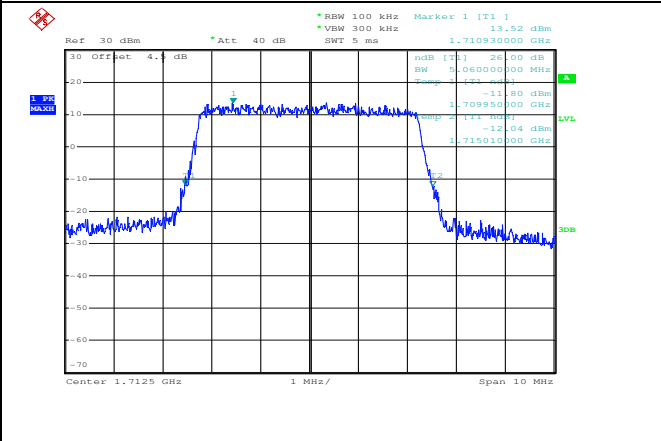


## 16QAM High channel

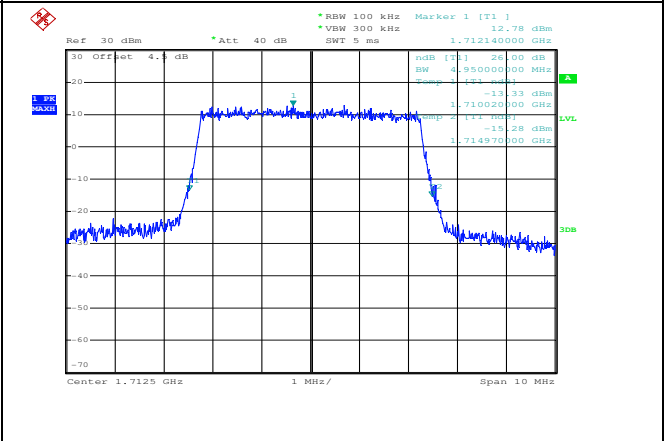


## LTE FDD Band 4, Nominal Bandwidth: 5.0MHz, 26dB

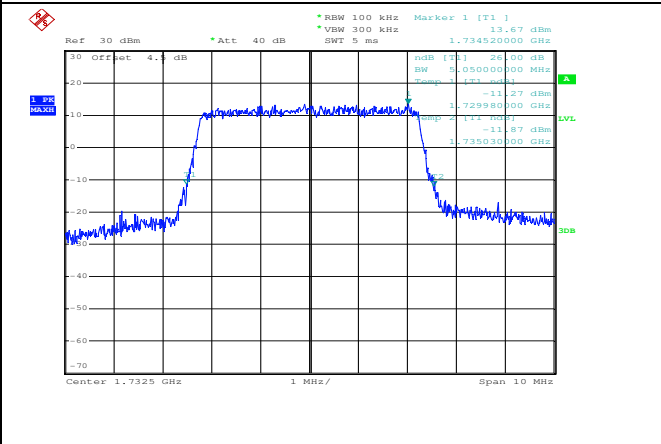
|                  |
|------------------|
| QPSK Low channel |
|------------------|



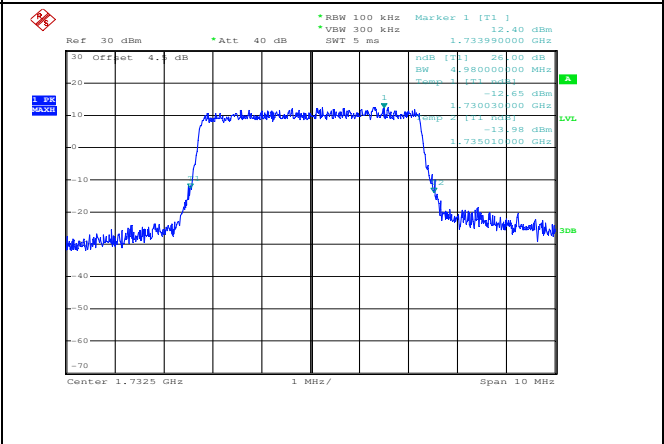
|                   |
|-------------------|
| 16QAM Low channel |
|-------------------|



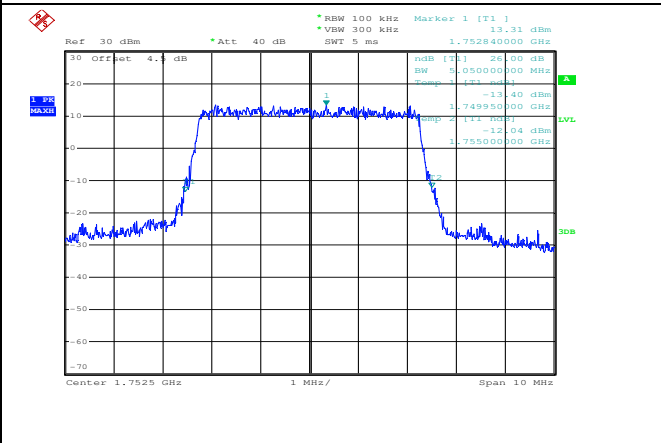
|                     |
|---------------------|
| QPSK Middle channel |
|---------------------|



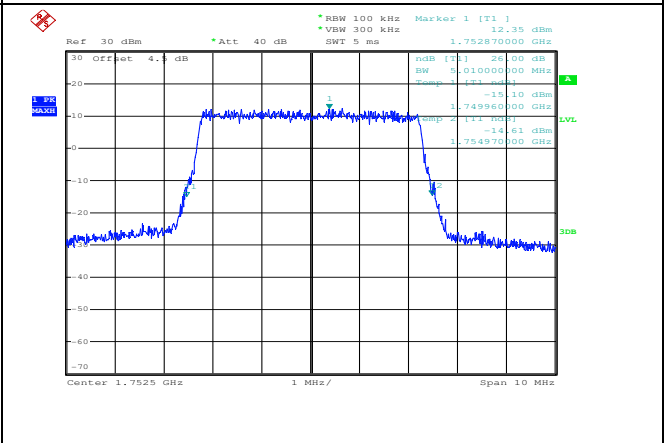
|                      |
|----------------------|
| 16QAM Middle channel |
|----------------------|



|                   |
|-------------------|
| QPSK High channel |
|-------------------|



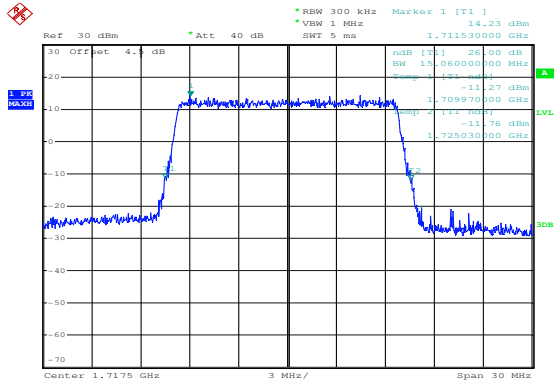
|                    |
|--------------------|
| 16QAM High channel |
|--------------------|



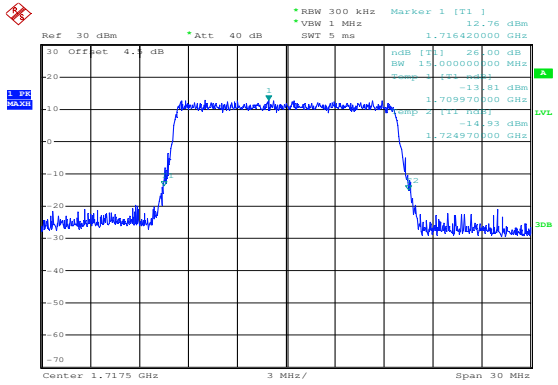


LTE FDD Band 4, Nominal Bandwidth: 15MHz, 26dB

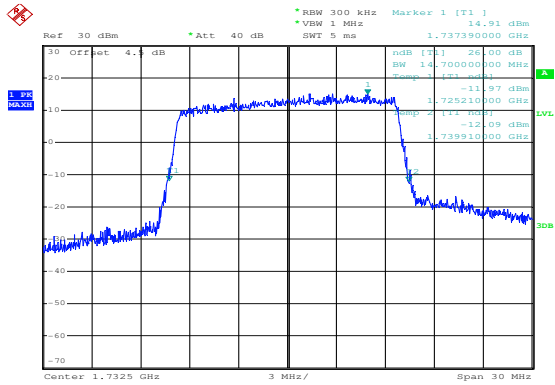
QPSK Low channel



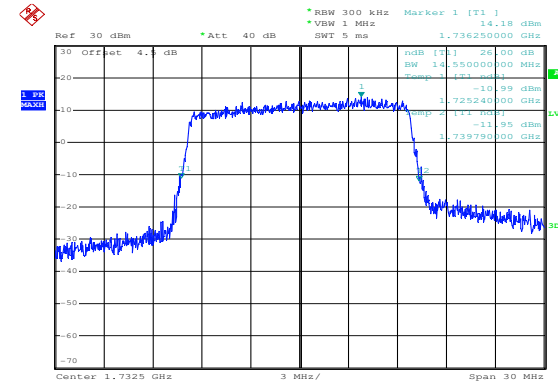
16QAM Low channel



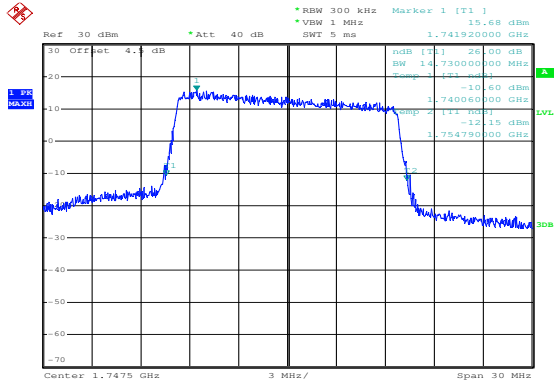
QPSK Middle channel



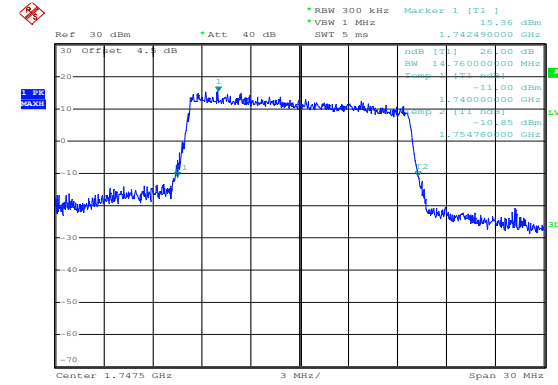
16QAM Middle channel



QPSK High channel

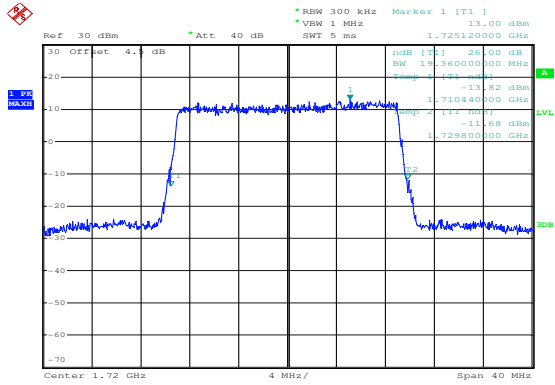


16QAM High channel

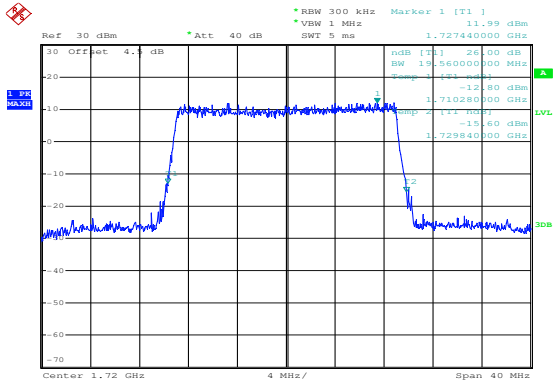


LTE FDD Band 4, Nominal Bandwidth: 20MHz, 26dB

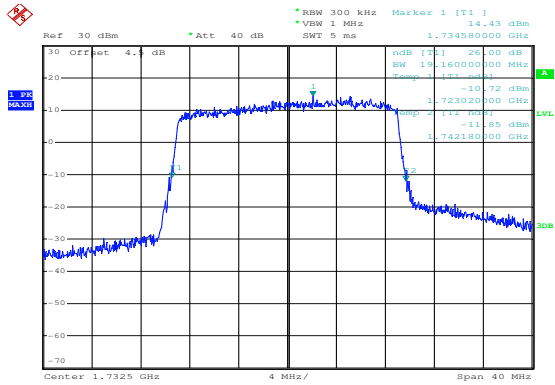
QPSK Low channel



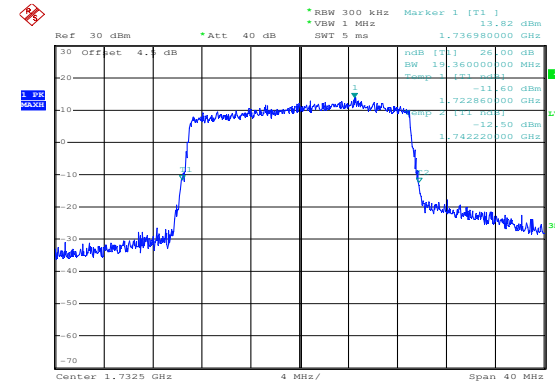
16QAM Low channel



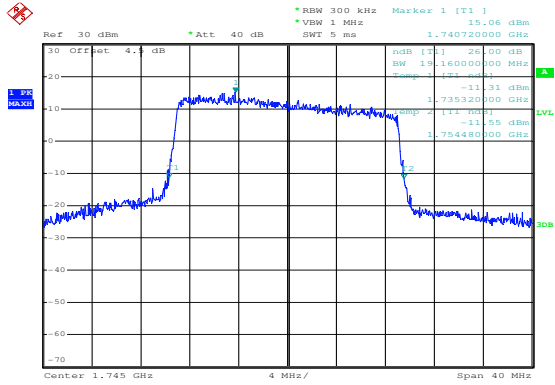
QPSK Middle channel



16QAM Middle channel



QPSK High channel



16QAM High channel

