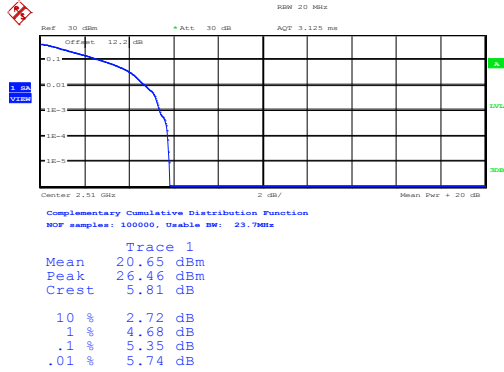




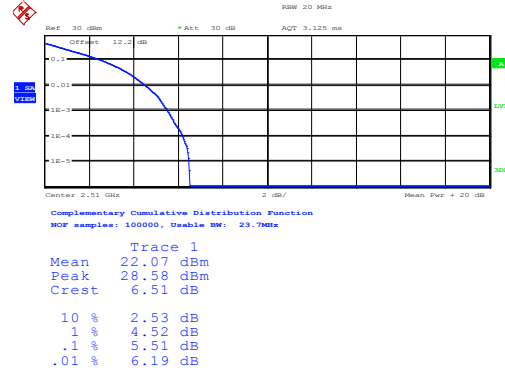
## LTE Band 7

## Peak-to-Average Ratio

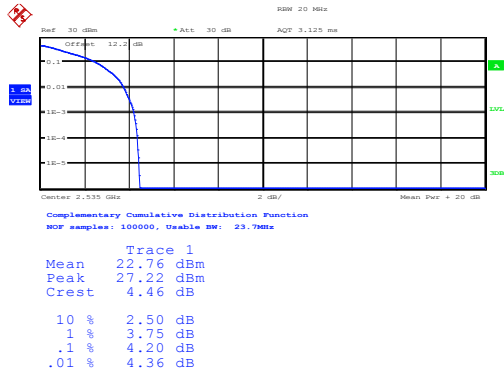
| Mode       | LTE Band 7 / 20MHz |         |       |         |             |
|------------|--------------------|---------|-------|---------|-------------|
| Mod.       | QPSK               |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                | Full RB | 1RB   | RB Size | Result      |
| Lowest CH  | 5.35               | 5.51    | 5.03  | 6.41    | PASS        |
| Middle CH  | 4.2                | 5.83    | 5     | 6.38    |             |
| Highest CH | 5.67               | 5.48    | 5.71  | 6.47    |             |

**LTE Band 7 / 20MHz / QPSK**
**Lowest Channel / 1RB**


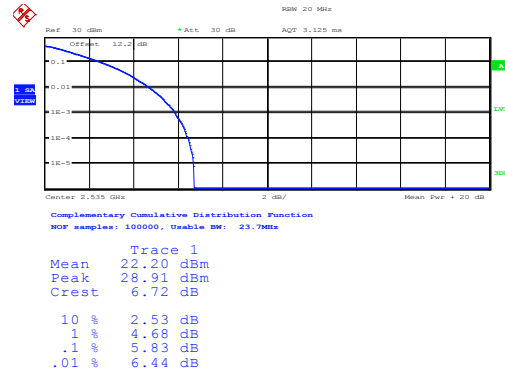
Date: 14.JAN.2015 00:07:23

**Lowest Channel / Full RB**


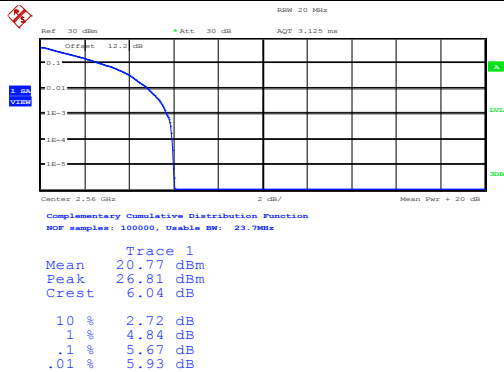
Date: 14.JAN.2015 00:07:36

**Middle Channel / 1RB**


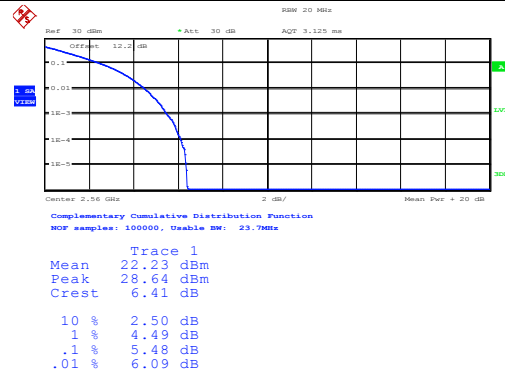
Date: 14.JAN.2015 00:07:51

**Middle Channel / Full RB**


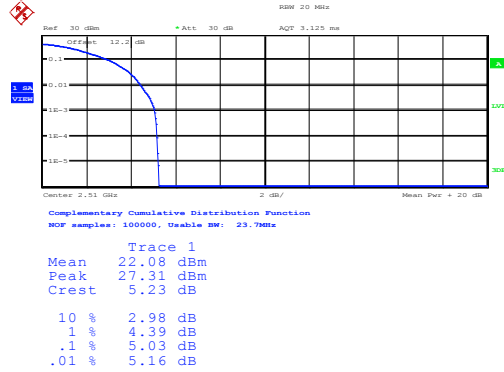
Date: 14.JAN.2015 00:08:06

**Highest Channel / 1RB**


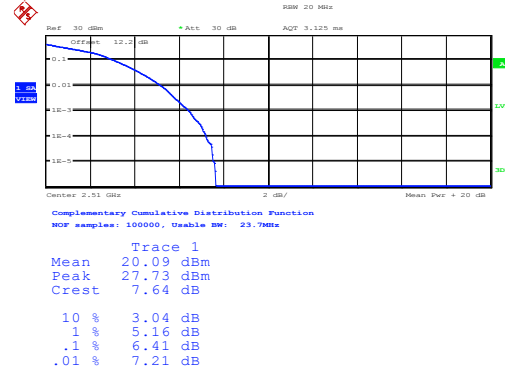
Date: 14.JAN.2015 00:08:20

**Highest Channel / Full RB**


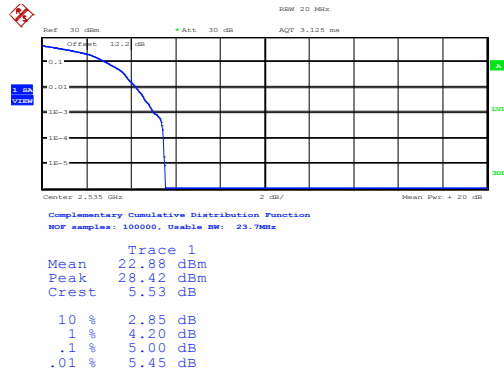
Date: 14.JAN.2015 00:08:35

**LTE Band 7 / 20MHz / 16QAM**
**Lowest Channel / 1RB**


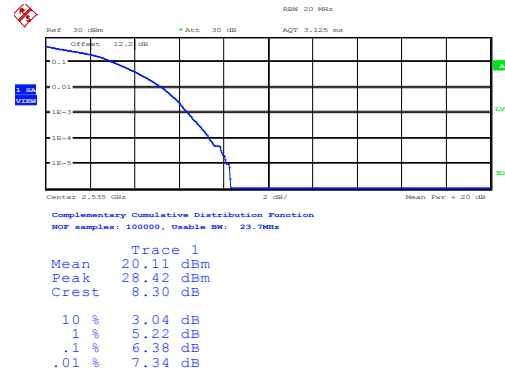
Date: 14.JAN.2015 00:06:03

**Lowest Channel / Full RB**


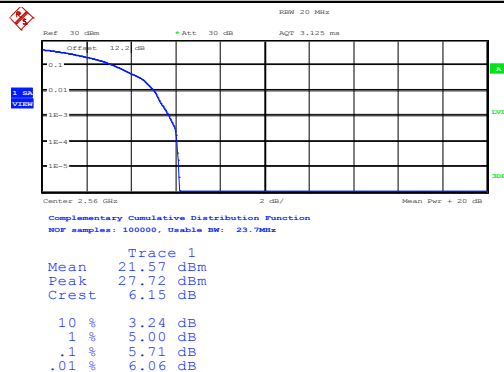
Date: 14.JAN.2015 00:06:17

**Middle Channel / 1RB**


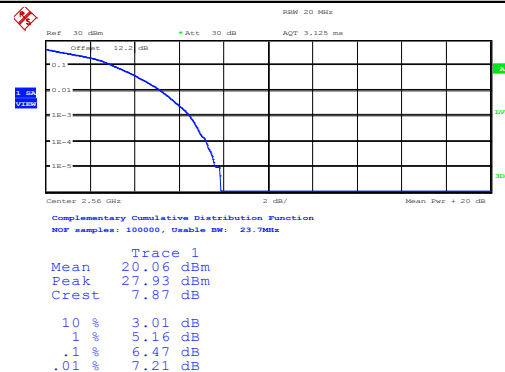
Date: 14.JAN.2015 00:06:30

**Middle Channel / Full RB**


Date: 14.JAN.2015 00:06:44

**Highest Channel / 1RB**


Date: 14.JAN.2015 00:06:57

**Highest Channel / Full RB**


Date: 14.JAN.2015 00:07:10



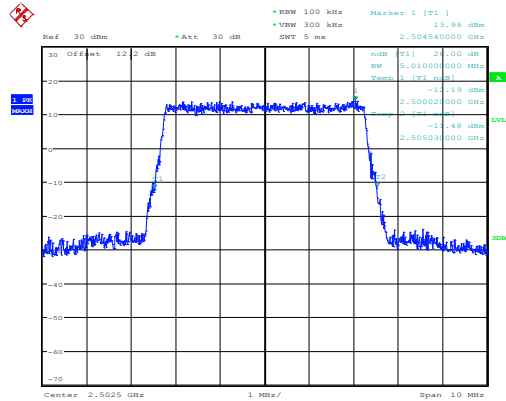
26dB Bandwidth

| Mode       | LTE Band 7 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 5.01 | 4.98  | 10    | 9.98  | 14.67 | 14.55 | 21.04 | 21    |
| Middle CH  | -                         | -     | -    | -     | 4.96 | 4.96  | 10.02 | 10.1  | 14.67 | 14.73 | 20.88 | 21.08 |
| Highest CH | -                         | -     | -    | -     | 4.94 | 4.93  | 10    | 9.98  | 14.64 | 14.73 | 20.92 | 21    |



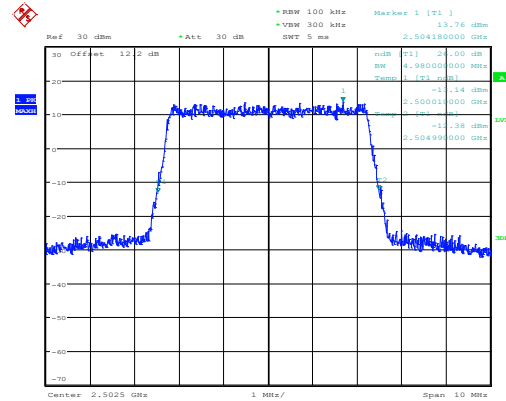
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



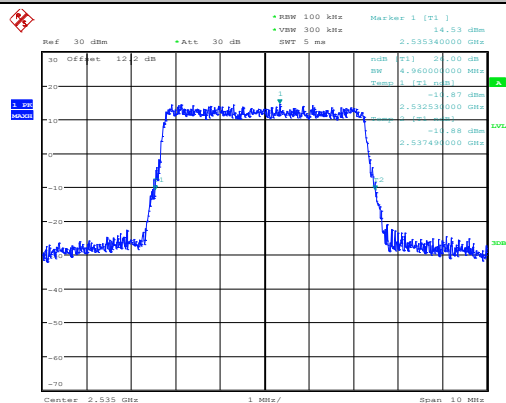
Date: 13.JAN.2015 22:49:10

## Lowest Channel / 5MHz / 16QAM



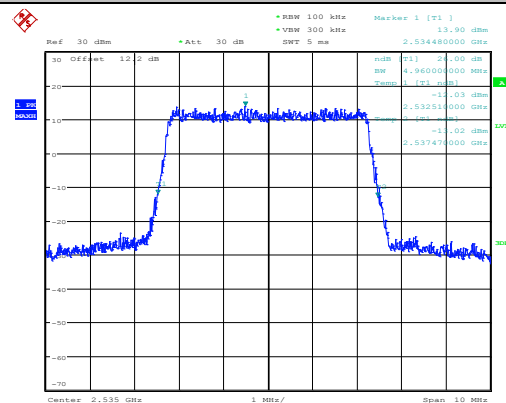
Date: 13.JAN.2015 22:49:22

## Middle Channel / 5MHz / QPSK



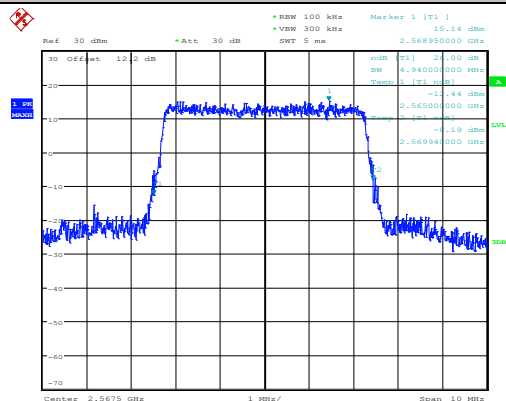
Date: 13.JAN.2015 22:56:53

## Middle Channel / 5MHz / 16QAM



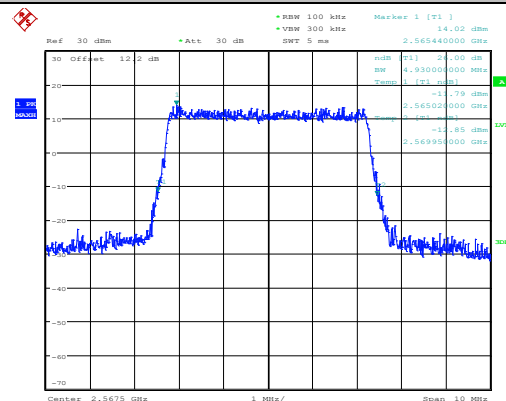
Date: 13.JAN.2015 22:57:06

## Highest Channel / 5MHz / QPSK



Date: 13.JAN.2015 22:59:59

## Highest Channel / 5MHz / 16QAM

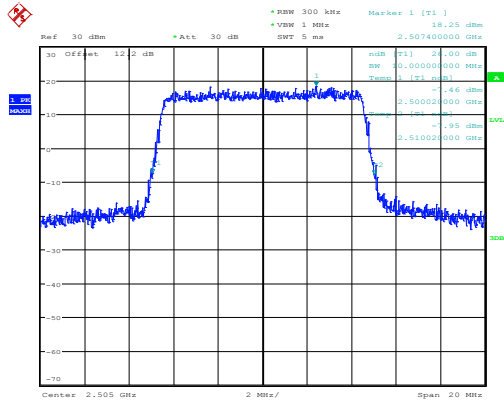


Date: 13.JAN.2015 23:00:12



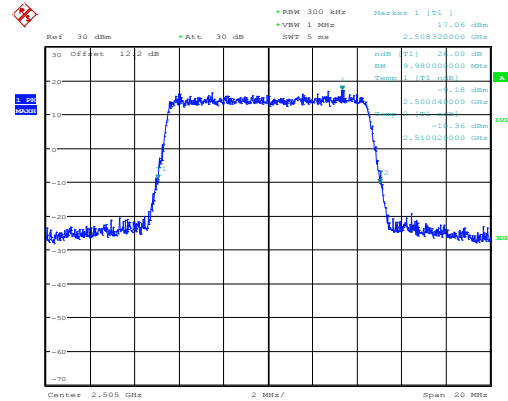
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



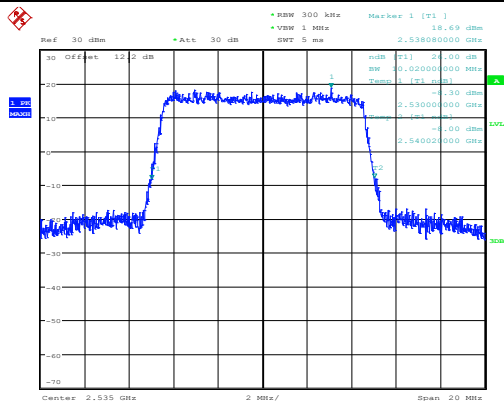
Date: 14.JAN.2015 00:11:02

## Lowest Channel / 10MHz / 16QAM



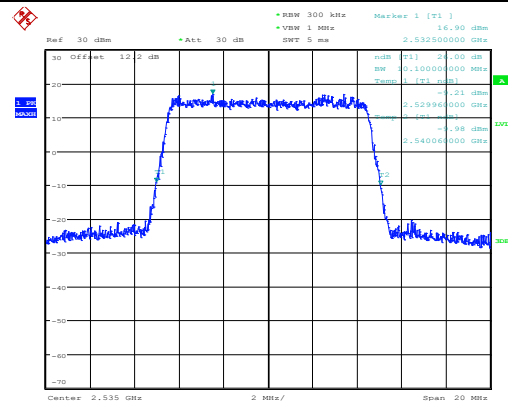
Date: 13.JAN.2015 23:08:00

## Middle Channel / 10MHz / QPSK



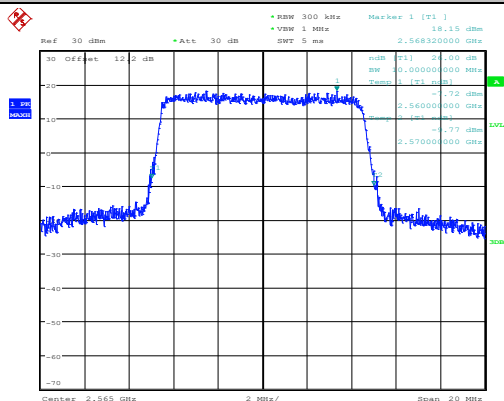
Date: 13.JAN.2015 23:15:32

## Middle Channel / 10MHz / 16QAM



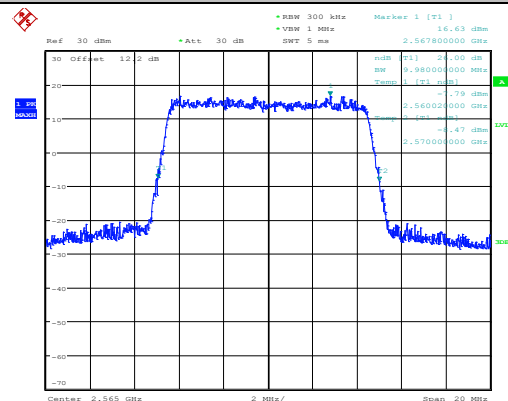
Date: 13.JAN.2015 23:15:45

## Highest Channel / 10MHz / QPSK



Date: 13.JAN.2015 23:19:00

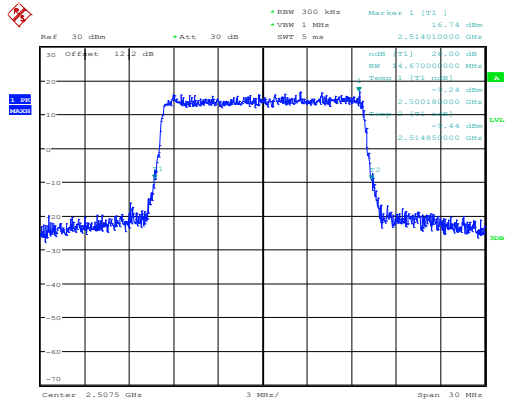
## Highest Channel / 10MHz / 16QAM



Date: 13.JAN.2015 23:19:13

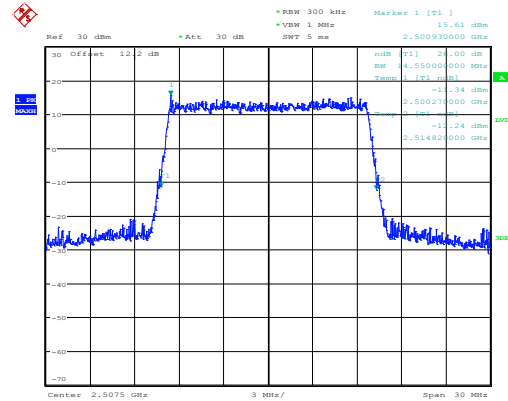
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



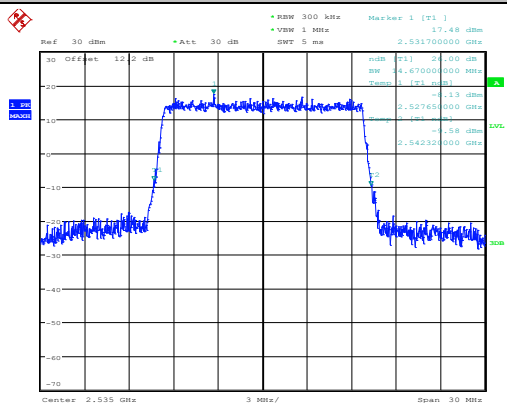
Date: 13.JAN.2015 23:26:48

**Lowest Channel / 15MHz / 16QAM**



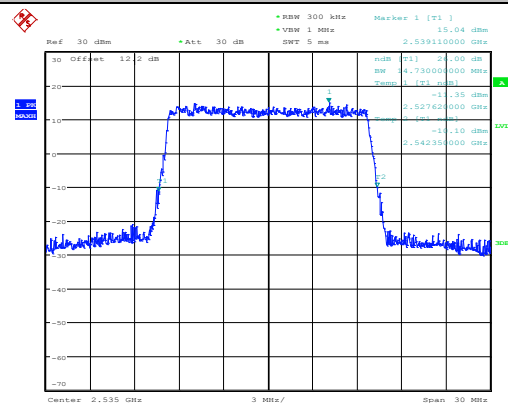
Date: 13.JAN.2015 23:27:01

## Middle Channel / 15MHz / QPSK



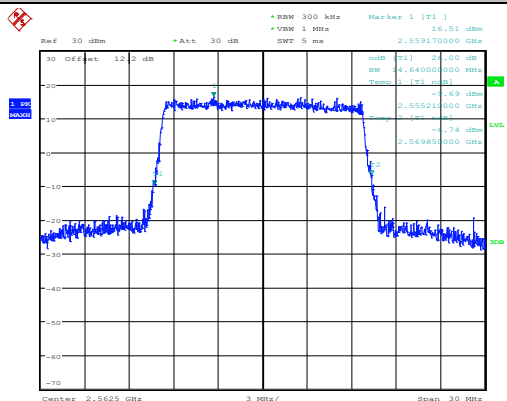
Date: 13.JAN.2015 23:34:32

### Middle Channel / 15MHz / 16QAM



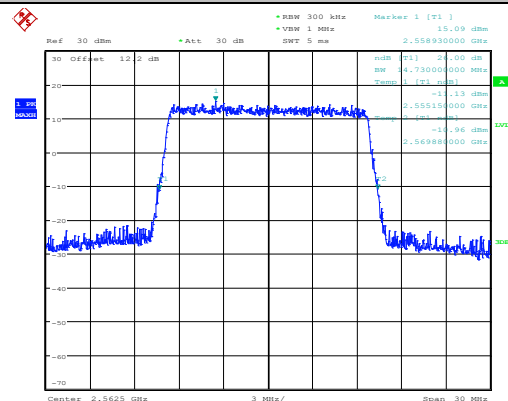
Date: 13.JAN.2015 23:34:45

### Highest Channel / 15MHz / QPSK



Date: 14.JAN.2015 00:10:28

### Highest Channel / 15MHz / 16QAM

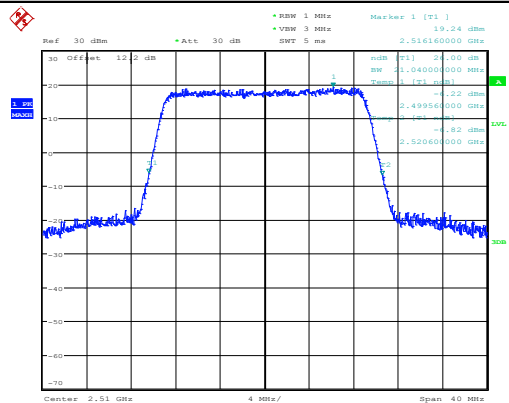


Date: 13.JAN.2015 23:37:51



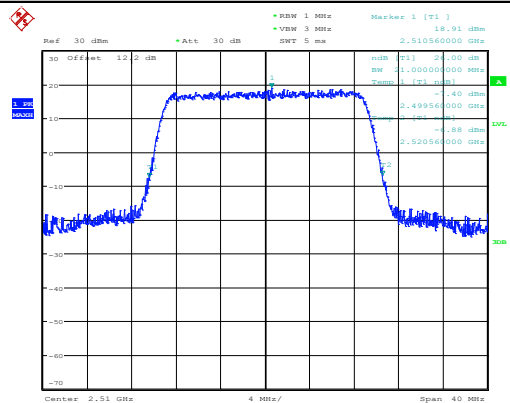
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



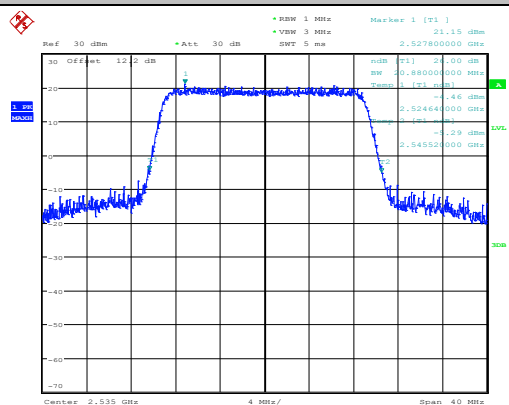
Date: 13.JAN.2015 23:47:30

## Lowest Channel / 20MHz / 16QAM



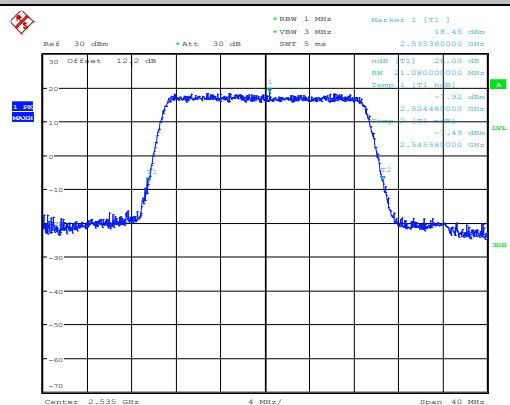
Date: 13.JAN.2015 23:47:43

## Middle Channel / 20MHz / QPSK



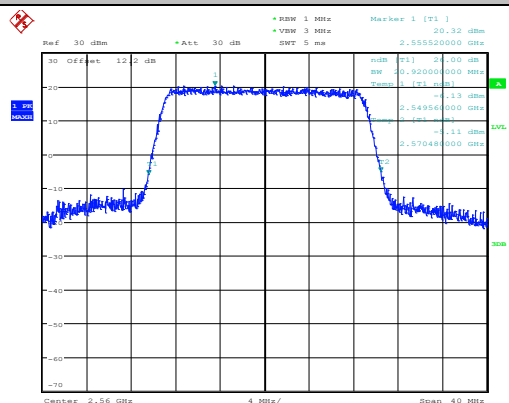
Date: 13.JAN.2015 23:55:13

## Middle Channel / 20MHz / 16QAM



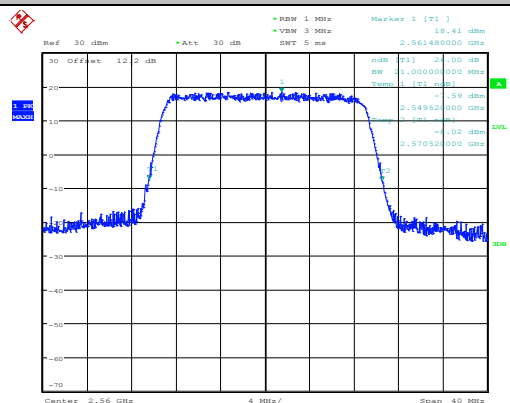
Date: 13.JAN.2015 23:55:26

## Highest Channel / 20MHz / QPSK



Date: 13.JAN.2015 23:58:20

## Highest Channel / 20MHz / 16QAM



Date: 13.JAN.2015 23:58:33



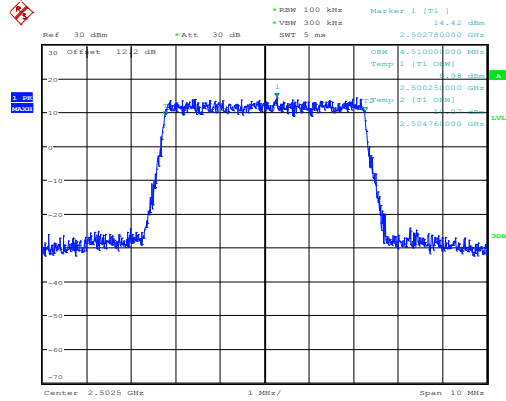
## Occupied Bandwidth

| Mode       | LTE Band 7 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                        | -     | -    | -     | 4.51 | 4.51  | 9.04  | 9.04  | 13.5  | 13.5  | 18.56 | 18.56 |
| Middle CH  | -                        | -     | -    | -     | 4.52 | 4.51  | 9.04  | 9.04  | 13.47 | 13.5  | 18.56 | 18.56 |
| Highest CH | -                        | -     | -    | -     | 4.49 | 4.5   | 9.06  | 9.02  | 13.47 | 13.47 | 18.52 | 18.48 |



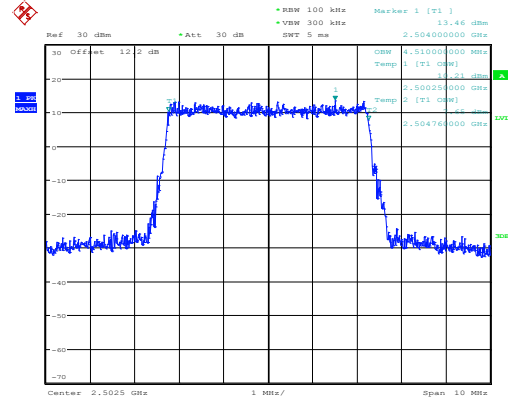
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



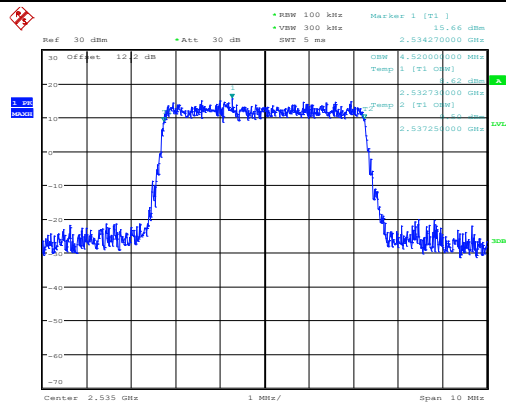
Date: 13.JAN.2015 22:48:46

## Lowest Channel / 5MHz / 16QAM



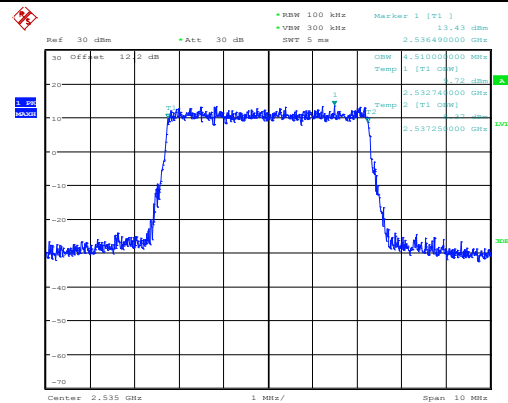
Date: 13.JAN.2015 22:48:57

## Middle Channel / 5MHz / QPSK



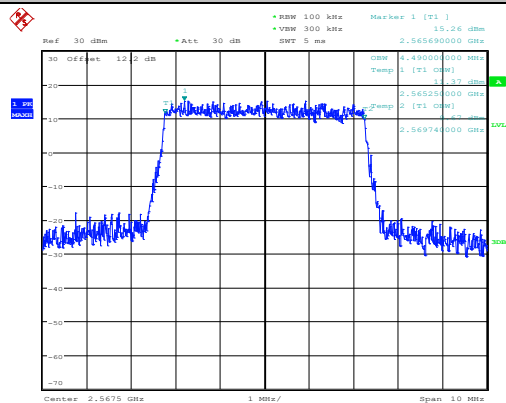
Date: 13.JAN.2015 22:56:30

## Middle Channel / 5MHz / 16QAM



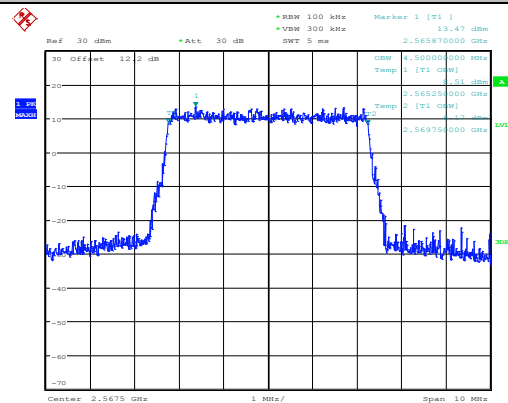
Date: 13.JAN.2015 22:56:40

## Highest Channel / 5MHz / QPSK



Date: 13.JAN.2015 22:59:36

## Highest Channel / 5MHz / 16QAM

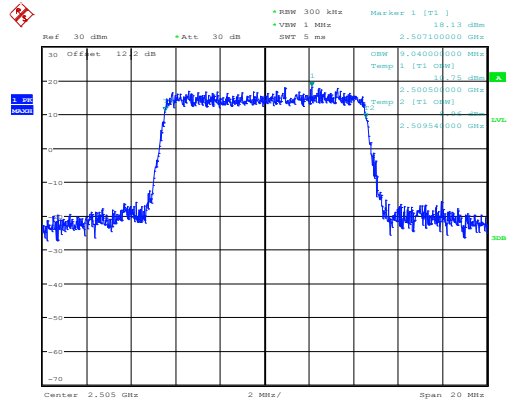


Date: 13.JAN.2015 22:59:47



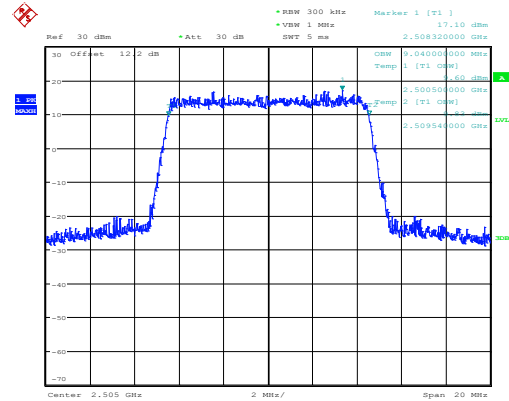
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



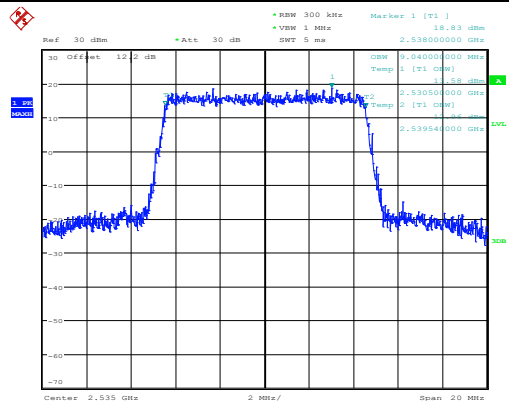
Date: 14.JAN.2015 00:11:41

## Lowest Channel / 10MHz / 16QAM



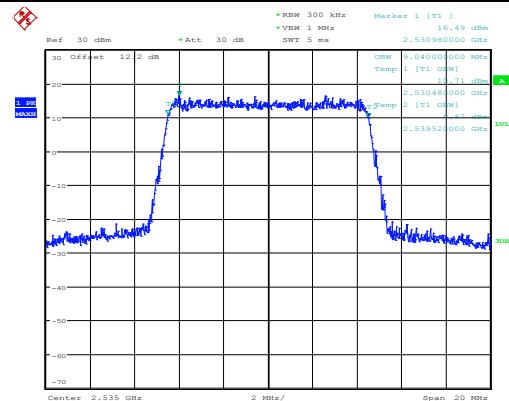
Date: 13.JAN.2015 23:07:34

## Middle Channel / 10MHz / QPSK



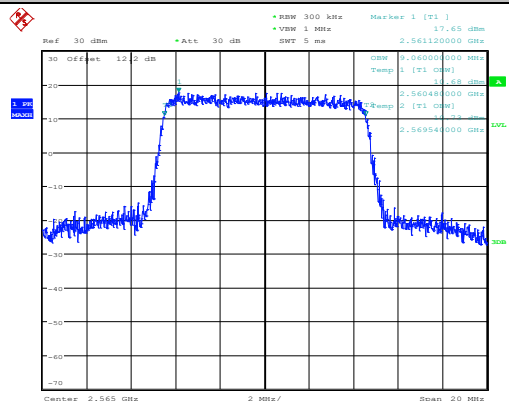
Date: 13.JAN.2015 23:15:08

## Middle Channel / 10MHz / 16QAM



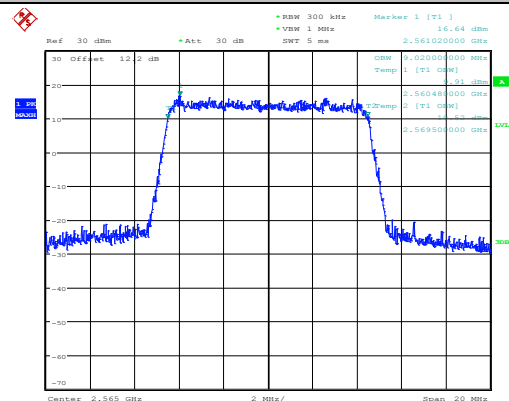
Date: 13.JAN.2015 23:15:19

## Highest Channel / 10MHz / QPSK



Date: 13.JAN.2015 23:18:36

## Highest Channel / 10MHz / 16QAM

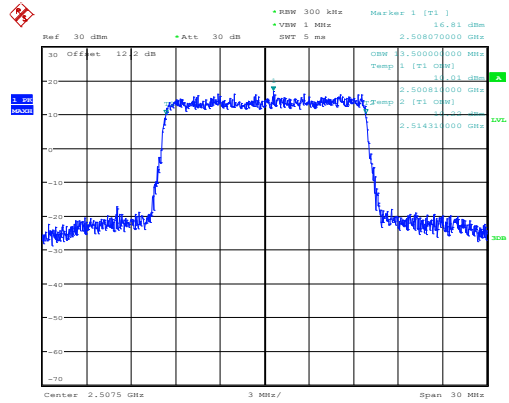


Date: 13.JAN.2015 23:18:47



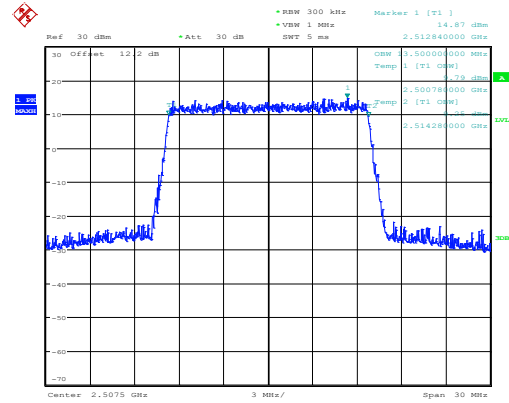
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



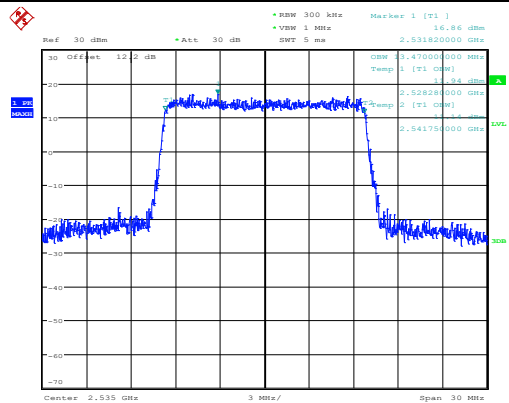
Date: 13.JAN.2015 23:26:24

## Lowest Channel / 15MHz / 16QAM



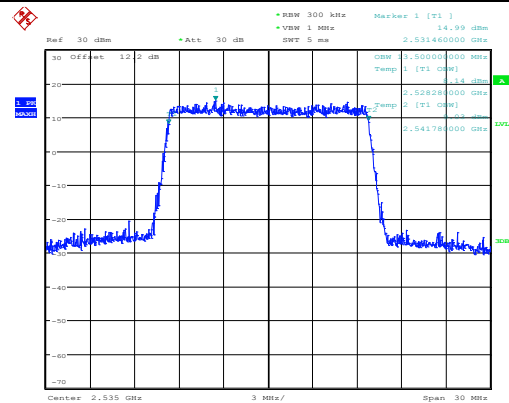
Date: 13.JAN.2015 23:26:35

## Middle Channel / 15MHz / QPSK



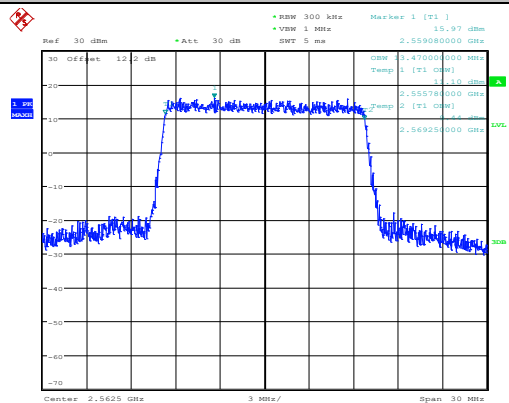
Date: 13.JAN.2015 23:34:08

## Middle Channel / 15MHz / 16QAM



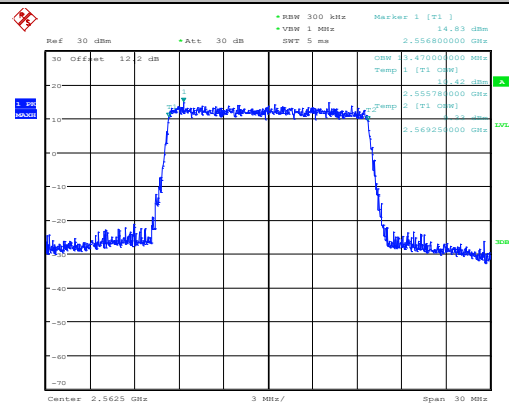
Date: 13.JAN.2015 23:34:19

## Highest Channel / 15MHz / QPSK



Date: 13.JAN.2015 23:37:15

## Highest Channel / 15MHz / 16QAM

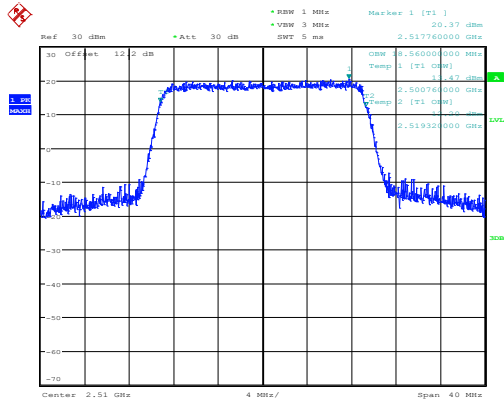


Date: 13.JAN.2015 23:37:26



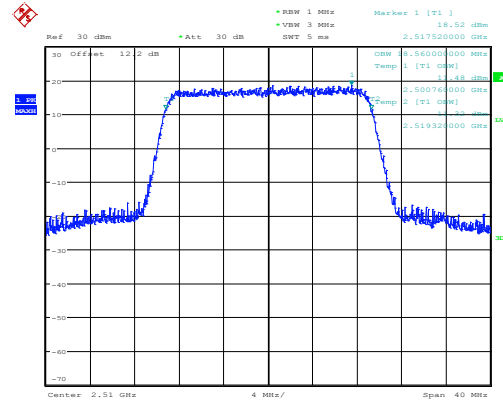
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



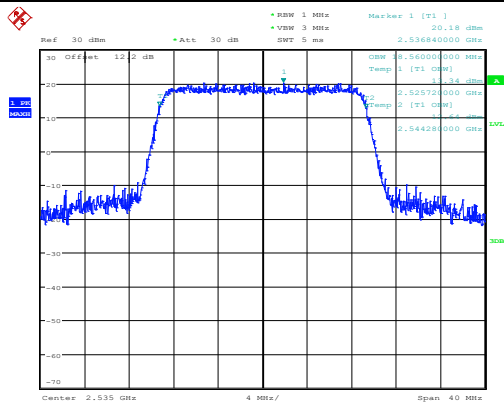
Date: 14.JAN.2015 00:09:22

## Lowest Channel / 20MHz / 16QAM



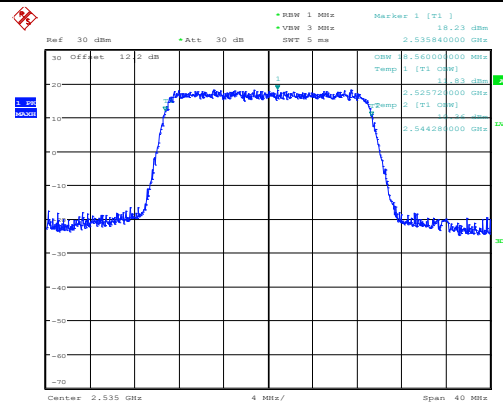
Date: 13.JAN.2015 23:47:17

## Middle Channel / 20MHz / QPSK



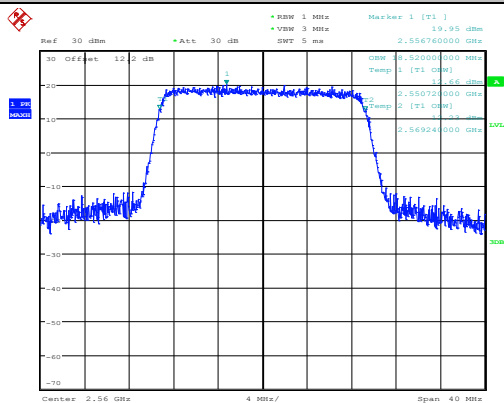
Date: 13.JAN.2015 23:54:50

## Middle Channel / 20MHz / 16QAM



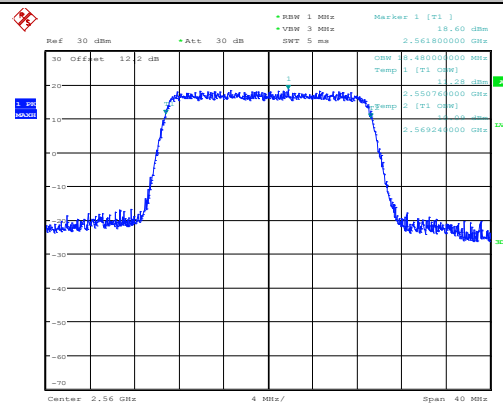
Date: 13.JAN.2015 23:55:00

## Highest Channel / 20MHz / QPSK



Date: 13.JAN.2015 23:57:56

## Highest Channel / 20MHz / 16QAM



Date: 13.JAN.2015 23:58:07

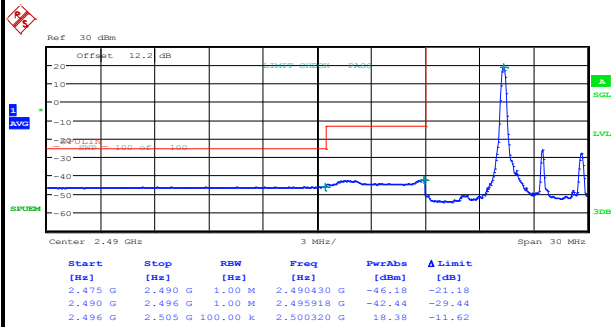


## **Conducted Band Edge**



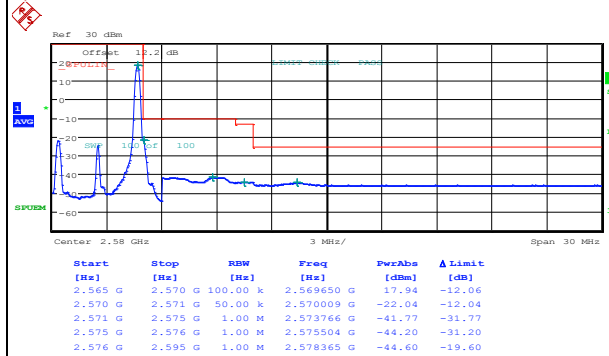
## LTE Band 7 / 5MHz / QPSK

## Lowest Band Edge / 1 RB



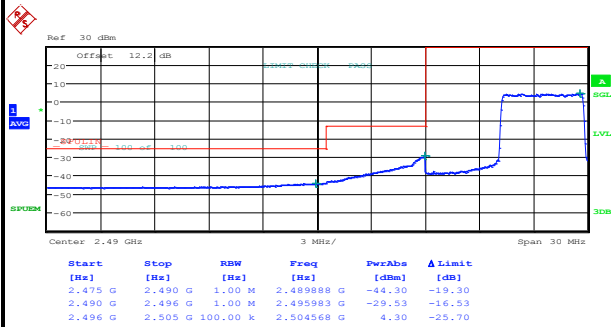
Date: 14.JAN.2015 00:15:08

## Highest Band Edge / 1 RB



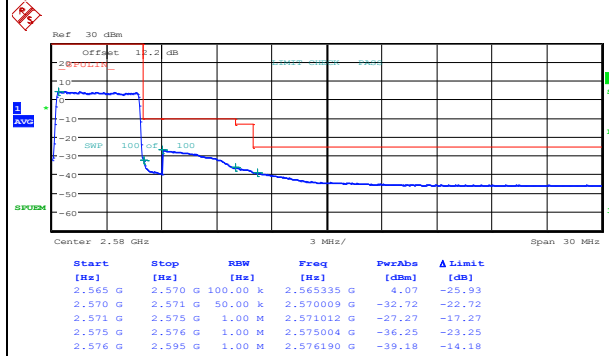
Date: 14.JAN.2015 00:20:00

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 00:17:34

## Highest Band Edge / Full RB

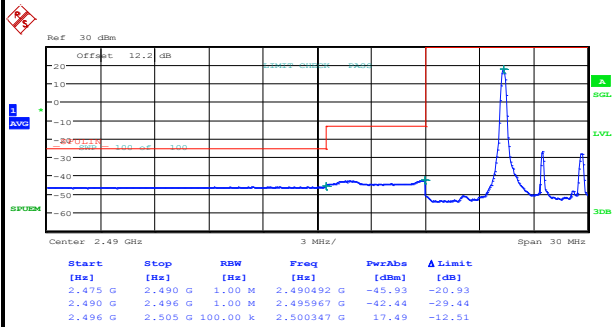


Date: 14.JAN.2015 00:22:27



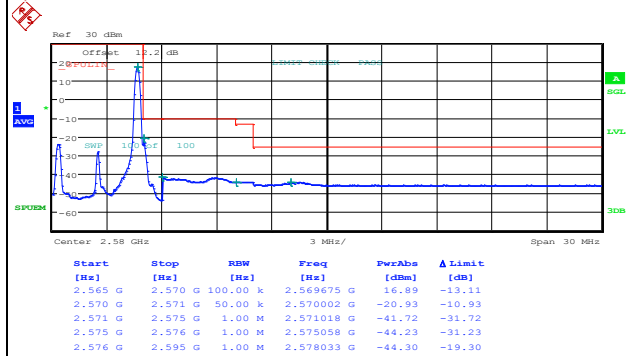
## LTE Band 7 / 5MHz / 16QAM

## Lowest Band Edge / 1 RB



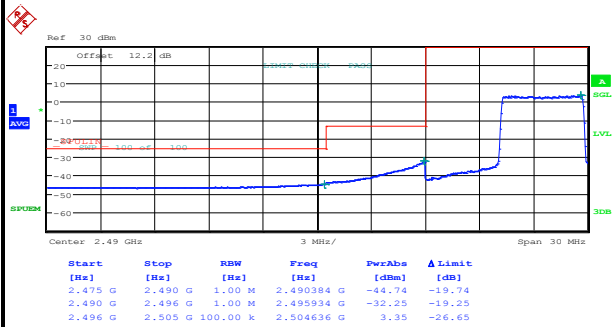
Date: 14.JAN.2015 00:16:21

## Highest Band Edge / 1 RB



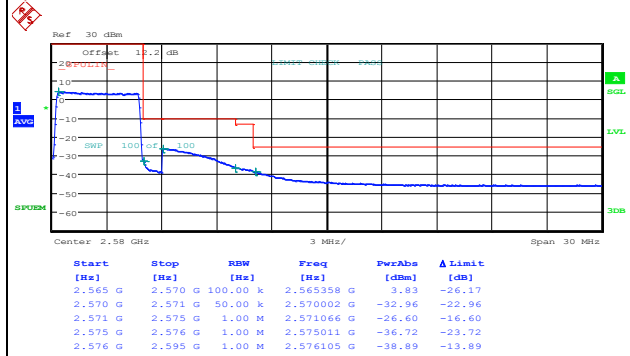
Date: 14.JAN.2015 00:21:13

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 00:18:47

## Highest Band Edge / Full RB

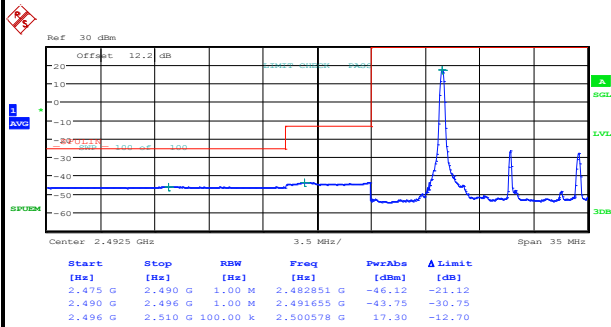


Date: 14.JAN.2015 00:23:40



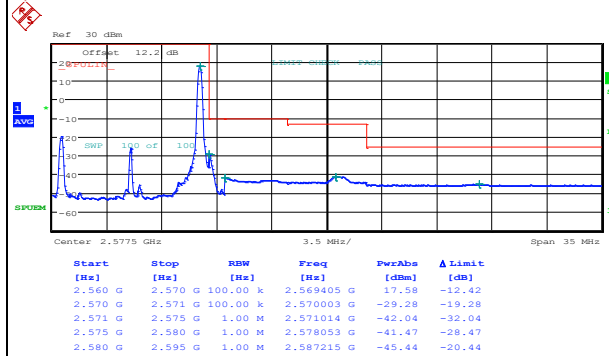
## LTE Band 7 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



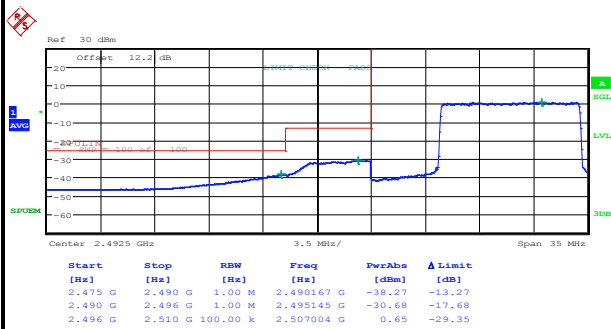
Date: 14.JAN.2015 00:24:58

## Highest Band Edge / 1 RB



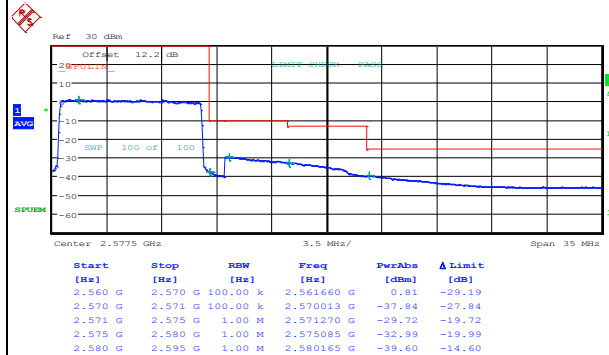
Date: 14.JAN.2015 00:29:55

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 00:27:26

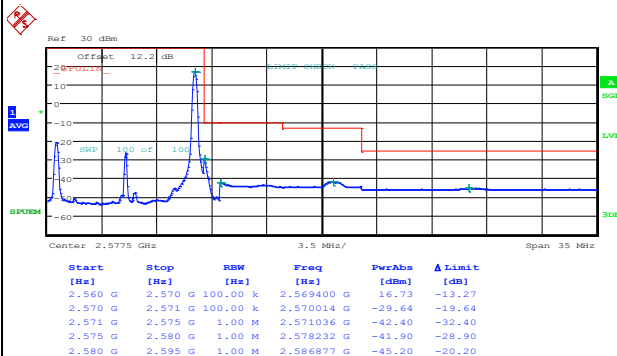
## Highest Band Edge / Full RB



Date: 14.JAN.2015 00:32:24



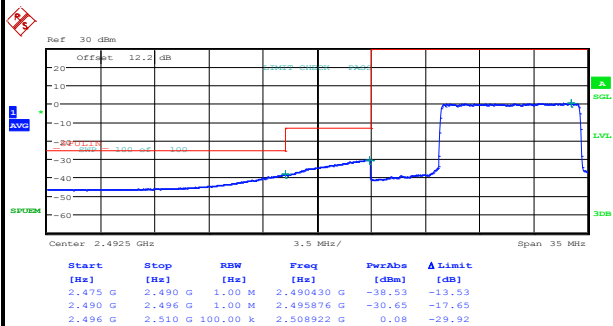
### Highest Band Edge / 1 RB



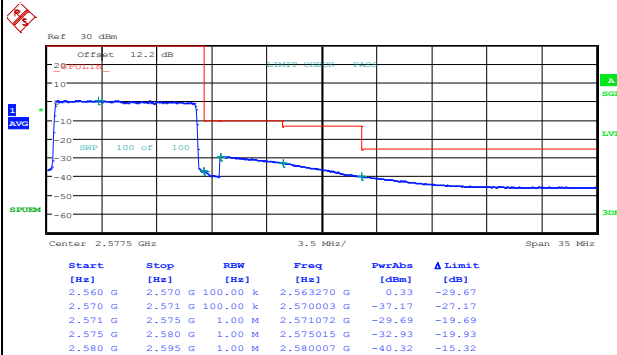
Date: 14.JAN.2015 00:26:12

Date: 14.JAN.2015 00:31:09

### Highest Band Edge / Full RB



Date: 14.JAN.2015 00:28:40

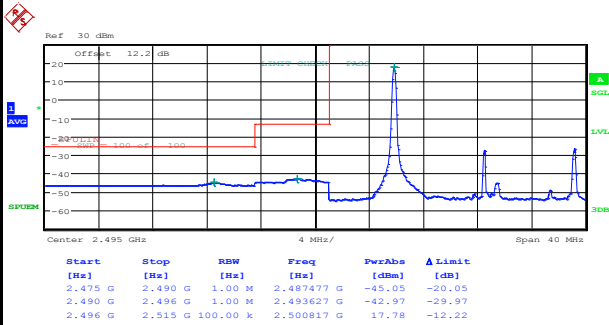


Date: 14.JAN.2015 00:33:38



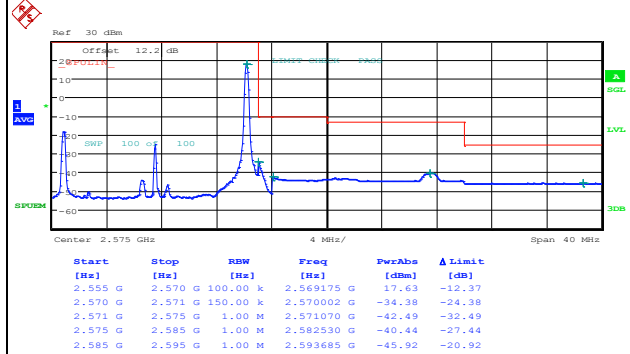
## LTE Band 7 / 15MHz / QPSK

## Lowest Band Edge / 1 RB



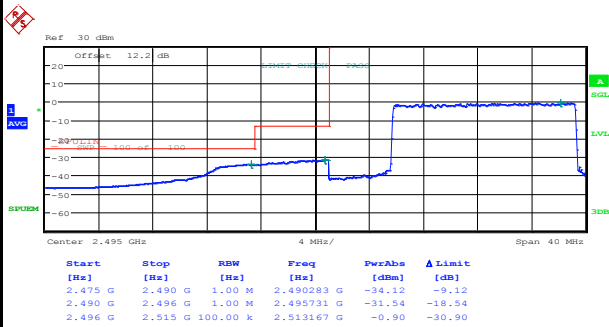
Date: 14.JAN.2015 00:34:57

## Highest Band Edge / 1 RB



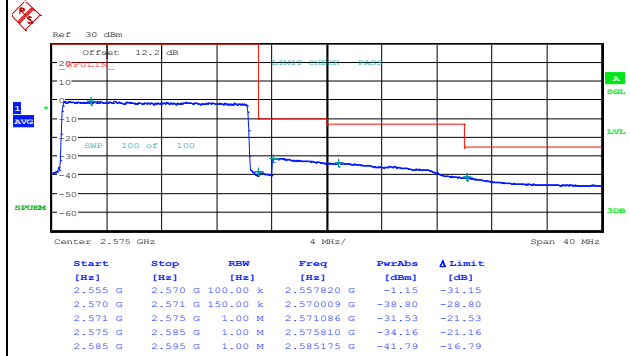
Date: 14.JAN.2015 00:39:58

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 00:37:27

## Highest Band Edge / Full RB

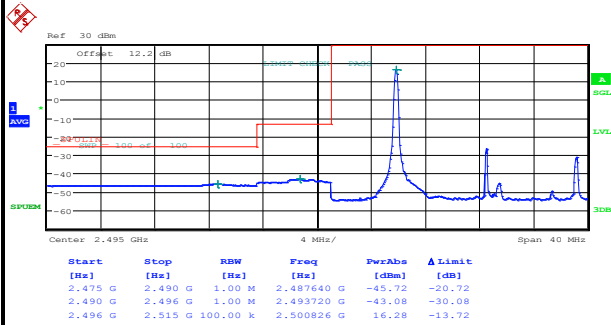


Date: 14.JAN.2015 00:42:29



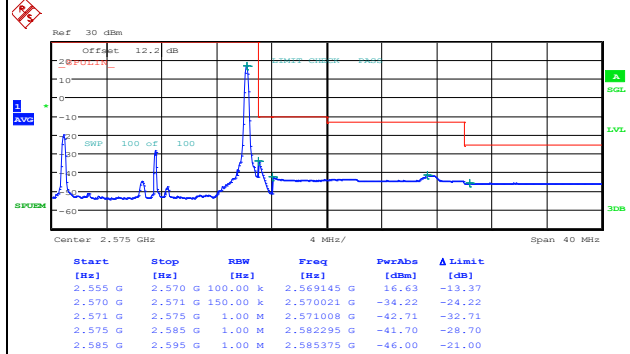
## LTE Band 7 / 15MHz / 16QAM

## Lowest Band Edge / 1 RB



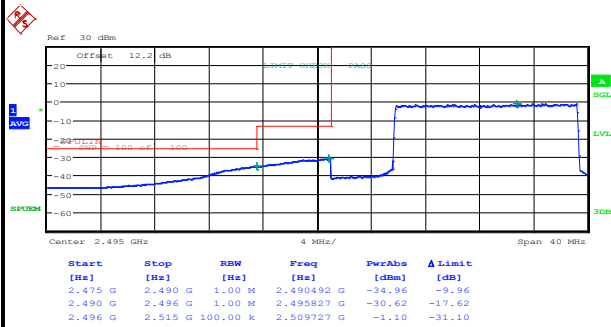
Date: 14.JAN.2015 00:36:12

## Highest Band Edge / 1 RB



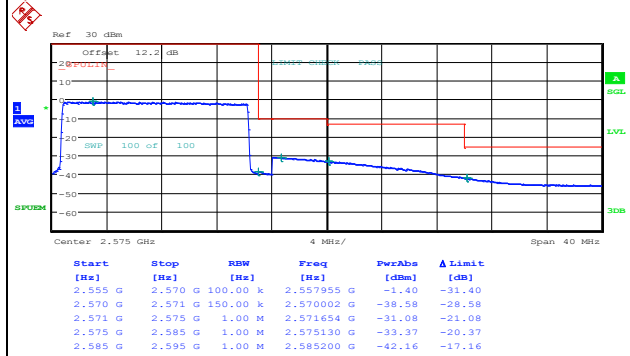
Date: 14.JAN.2015 00:41:14

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 00:38:43

## Highest Band Edge / Full RB

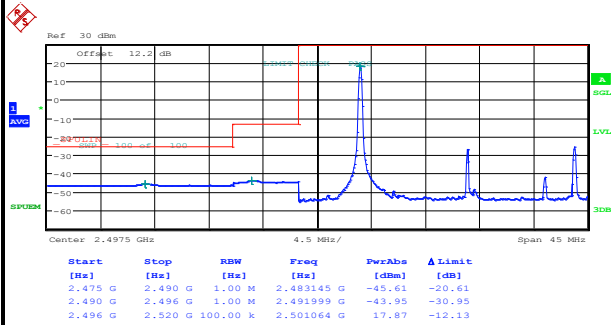


Date: 14.JAN.2015 00:43:45



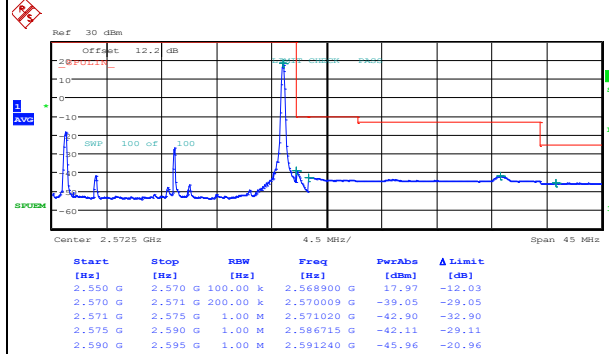
## LTE Band 7 / 20MHz / QPSK

## Lowest Band Edge / 1 RB



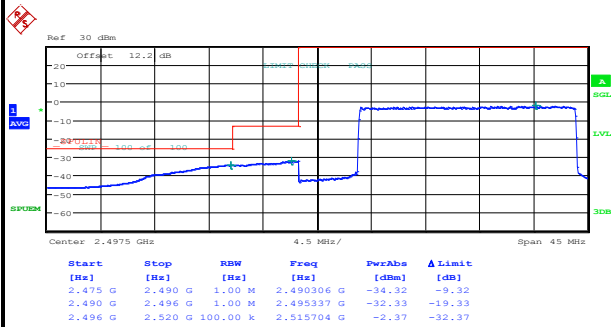
Date: 14.JAN.2015 00:45:05

## Highest Band Edge / 1 RB



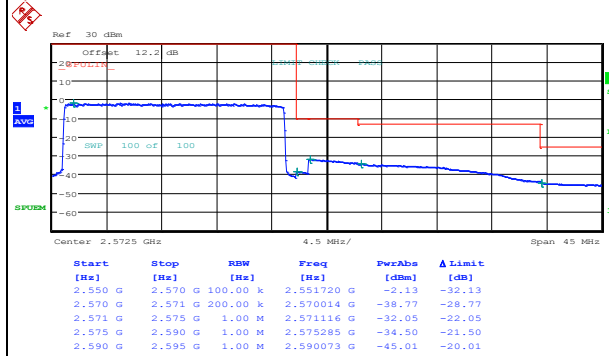
Date: 14.JAN.2015 00:50:10

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 00:47:37

## Highest Band Edge / Full RB

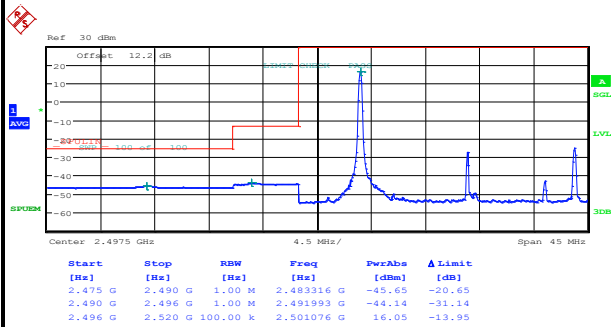


Date: 14.JAN.2015 00:53:59



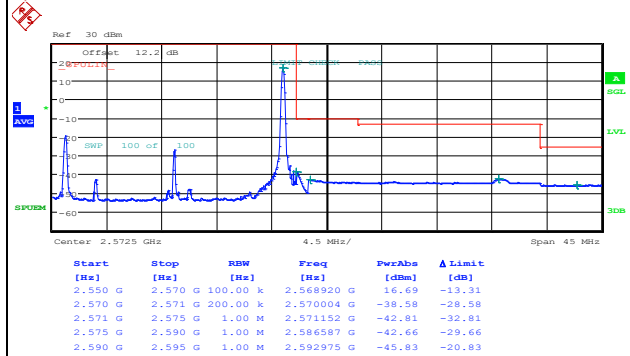
## LTE Band 7 / 20MHz / 16QAM

## Lowest Band Edge / 1 RB



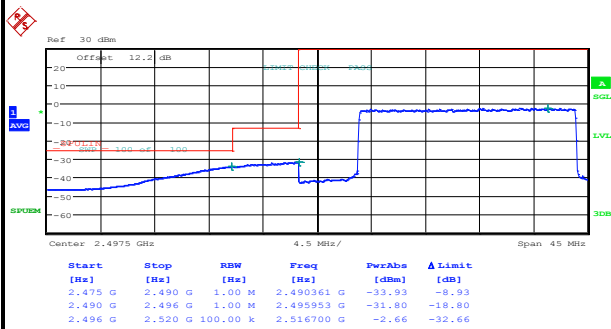
Date: 14.JAN.2015 00:46:21

## Highest Band Edge / 1RB



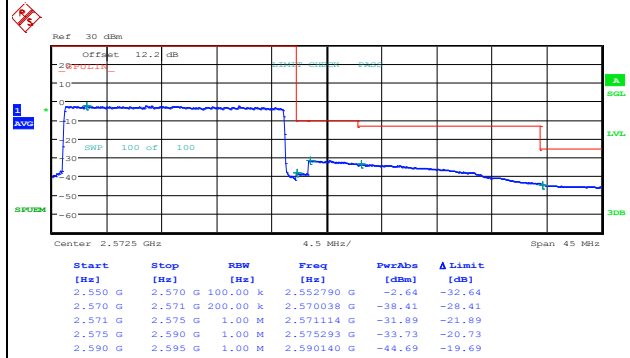
Date: 14.JAN.2015 00:51:26

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 00:48:54

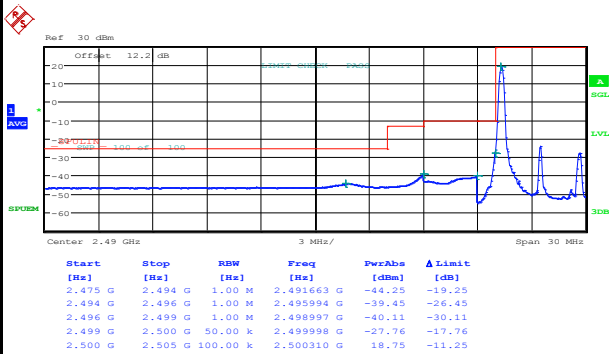
## Highest Band Edge / Full RB



Date: 14.JAN.2015 00:52:43

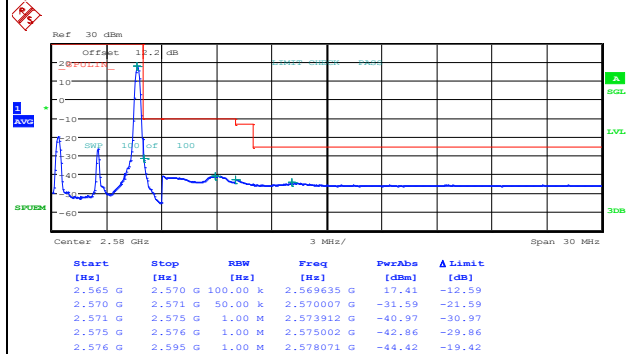
**LTE Band 7 / 5MHz / QPSK (IC)**

### Lowest Band Edge / 1 RB



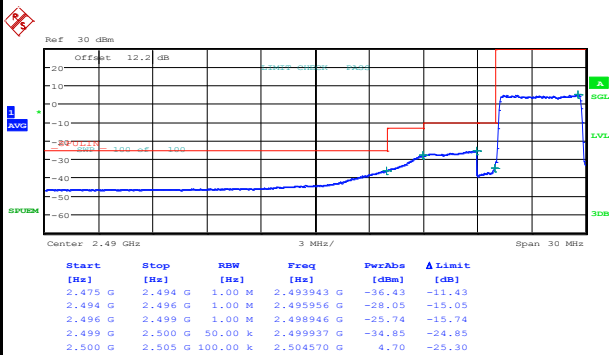
Date: 13.JAN.2015 22:50:32

### Highest Band Edge / 1 RB



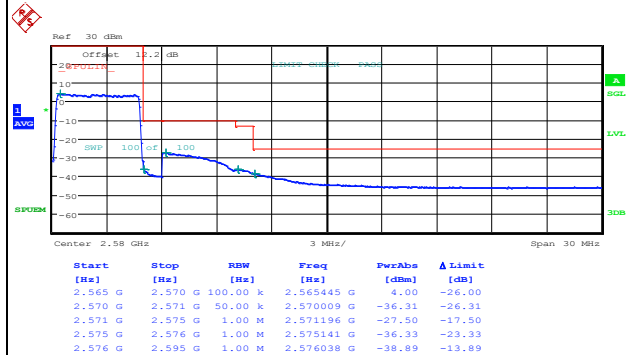
Date: 13.JAN.2015 23:01:21

### Lowest Band Edge / Full RB



Date: 13.JAN.2015 22:52:50

### Highest Band Edge / Full RB

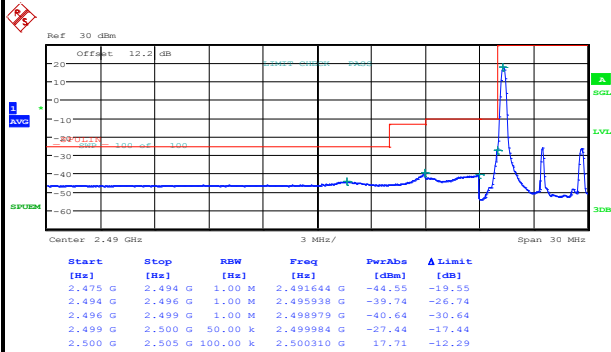


Date: 13.JAN.2015 23:03:40



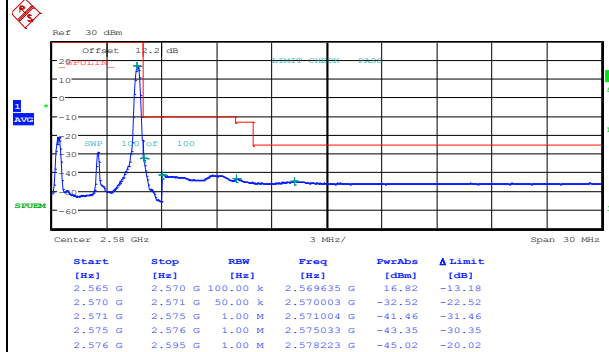
## LTE Band 7 / 5MHz / 16QAM (IC)

## Lowest Band Edge / 1 RB



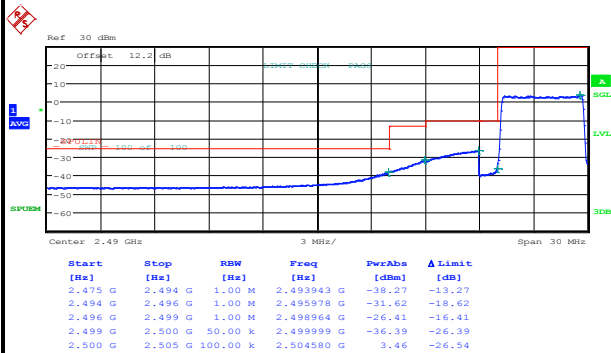
Date: 13.JAN.2015 22:51:41

## Highest Band Edge / 1 RB



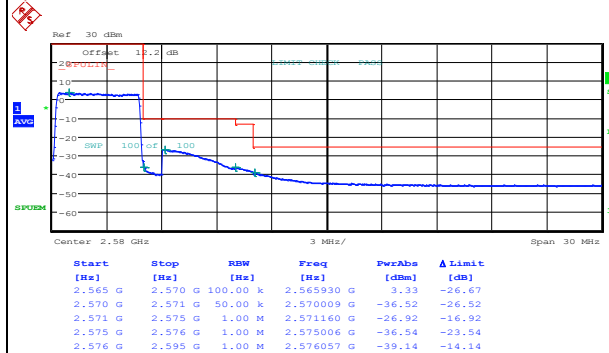
Date: 13.JAN.2015 23:02:31

## Lowest Band Edge / Full RB



Date: 13.JAN.2015 22:54:00

## Highest Band Edge / Full RB

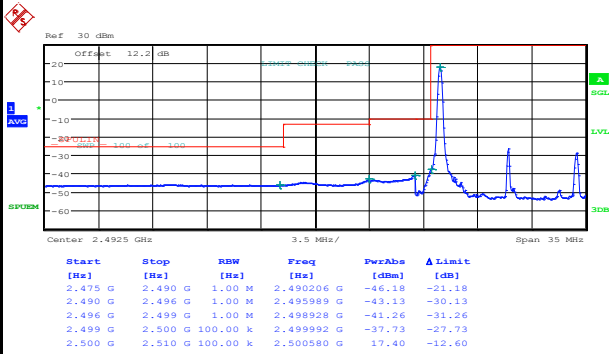


Date: 13.JAN.2015 23:04:49



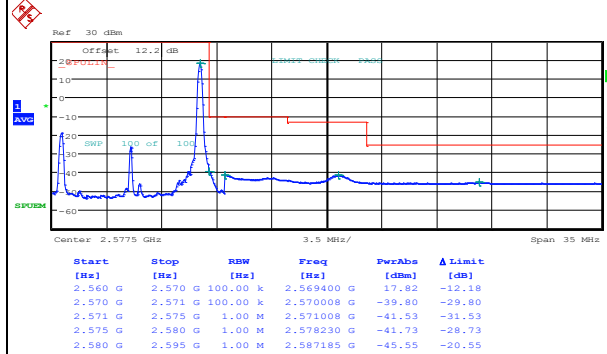
## LTE Band 7 / 10MHz / QPSK (IC)

## Lowest Band Edge / 1 RB



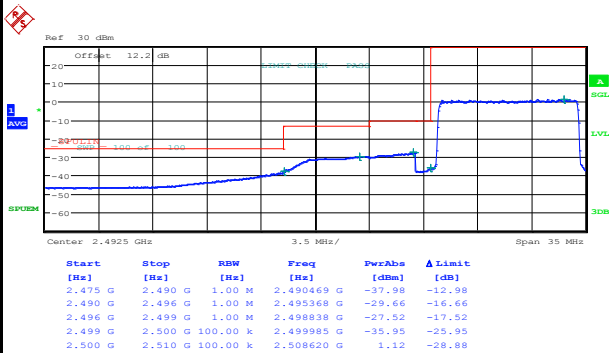
Date: 13.JAN.2015 23:09:09

## Highest Band Edge / 1 RB



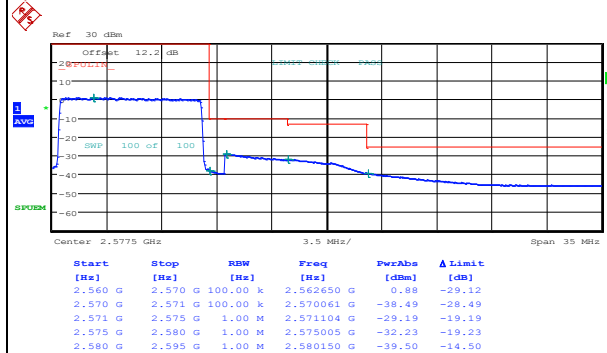
Date: 13.JAN.2015 23:20:22

## Lowest Band Edge / Full RB



Date: 13.JAN.2015 23:11:28

## Highest Band Edge / Full RB

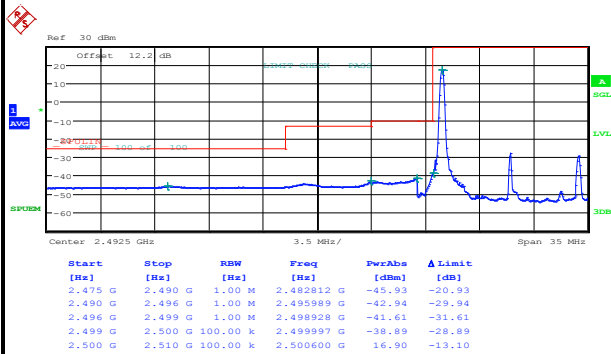


Date: 13.JAN.2015 23:22:41



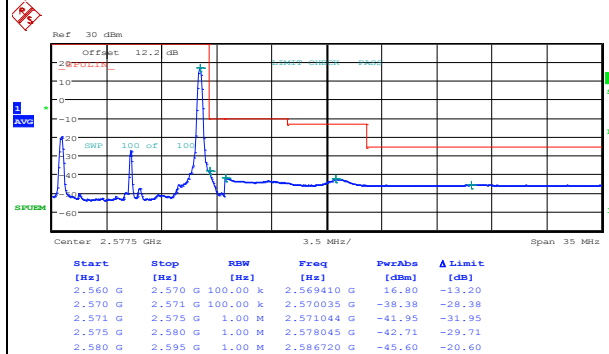
## LTE Band 7 / 10MHz / 16QAM (IC)

## Lowest Band Edge / 1 RB



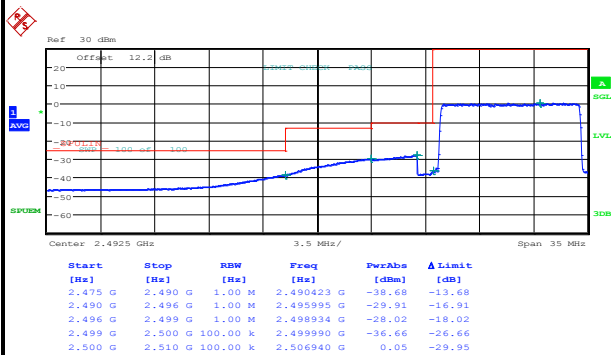
Date: 13.JAN.2015 23:10:19

## Highest Band Edge / 1 RB



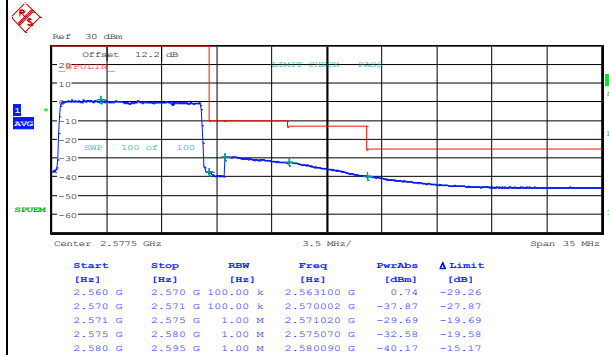
Date: 13.JAN.2015 23:21:32

## Lowest Band Edge / Full RB



Date: 13.JAN.2015 23:12:37

## Highest Band Edge / Full RB

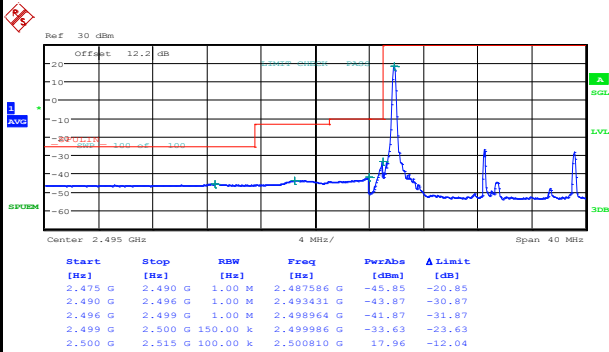


Date: 13.JAN.2015 23:23:50



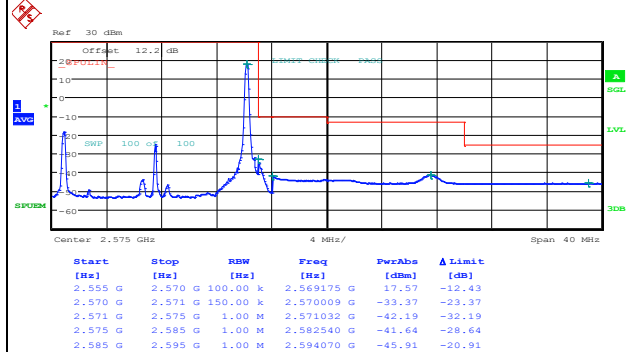
## LTE Band 7 / 15MHz / QPSK (IC)

## Lowest Band Edge / 1 RB



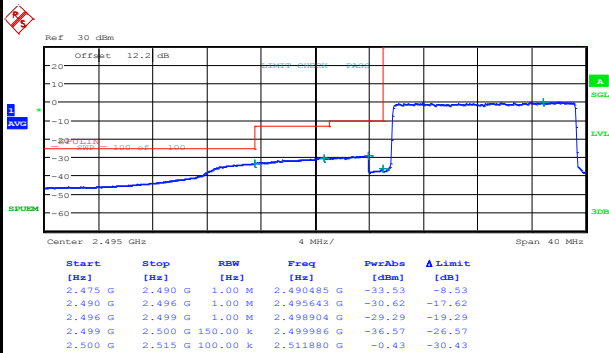
Date: 13.JAN.2015 23:28:10

## Highest Band Edge / 1 RB



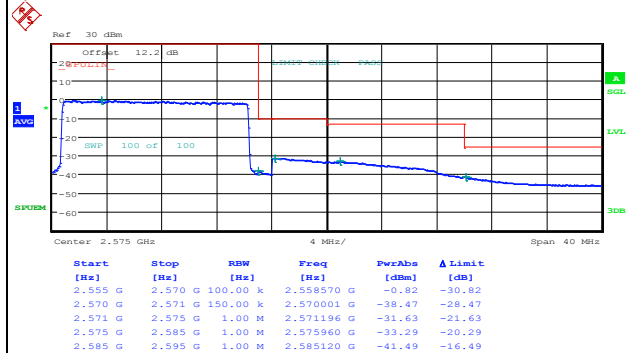
Date: 13.JAN.2015 23:39:00

## Lowest Band Edge / Full RB



Date: 13.JAN.2015 23:30:29

## Highest Band Edge / Full RB

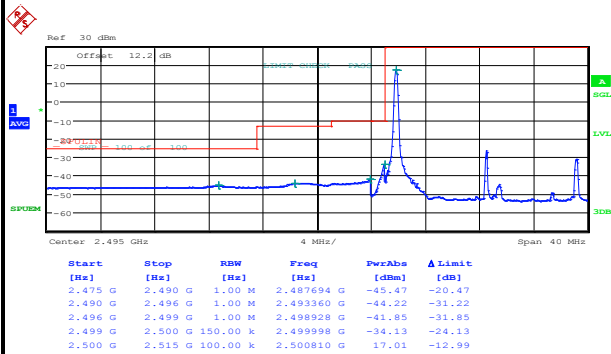


Date: 13.JAN.2015 23:41:19



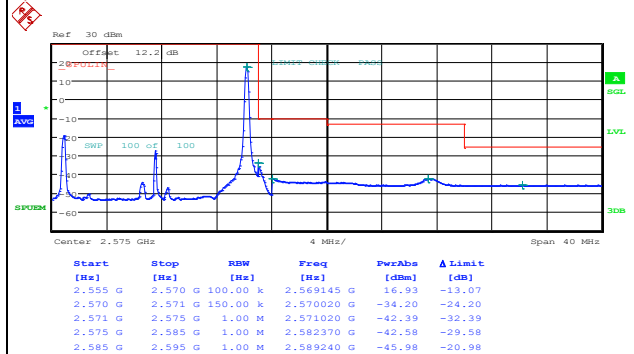
## LTE Band 7 / 15MHz / 16QAM (IC)

## Lowest Band Edge / 1 RB



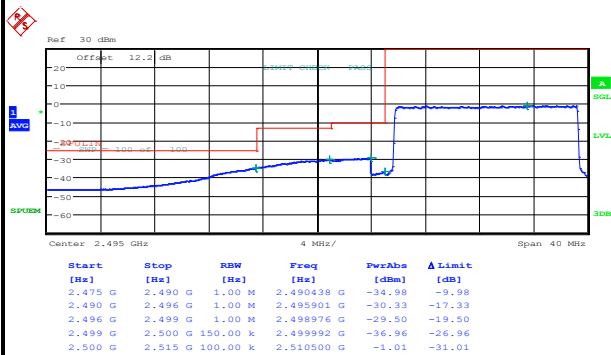
Date: 13.JAN.2015 23:29:20

## Highest Band Edge / 1 RB



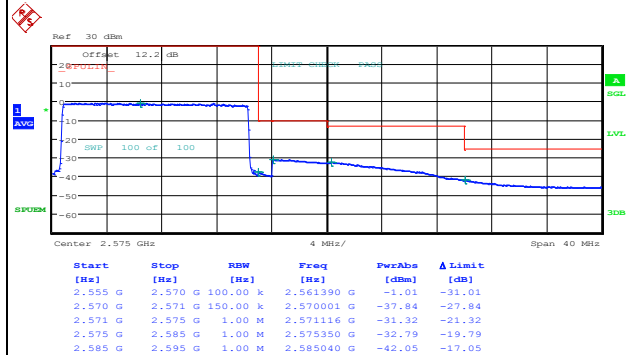
Date: 13.JAN.2015 23:40:10

## Lowest Band Edge / Full RB



Date: 13.JAN.2015 23:31:38

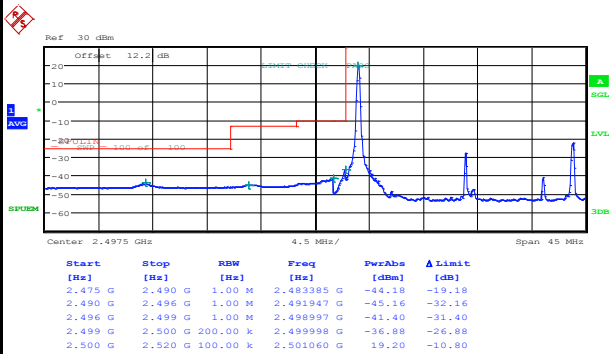
## Highest Band Edge / Full RB



Date: 13.JAN.2015 23:42:29

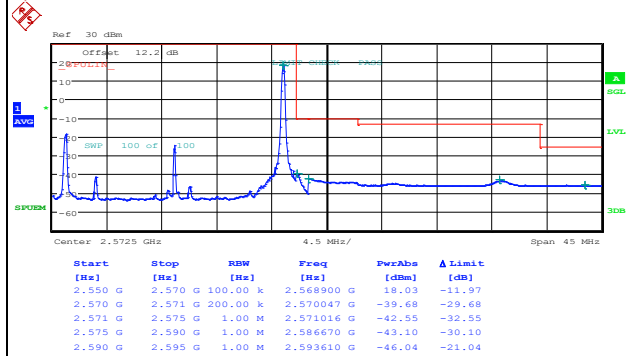
**LTE Band 7 / 20MHz / QPSK (IC)**

### Lowest Band Edge / 1 RB



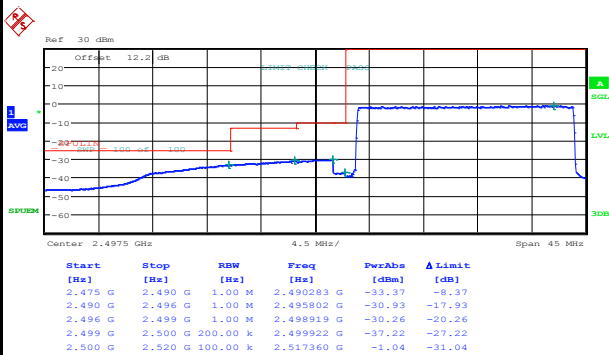
Date: 13.JAN.2015 23:48:52

### Highest Band Edge / 1 RB



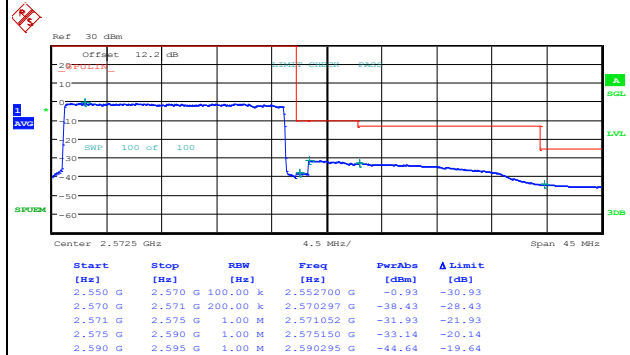
Date: 13.JAN.2015 23:59:42

### Lowest Band Edge / Full RB



Date: 13.JAN.2015 23:51:11

### Highest Band Edge / Full RB

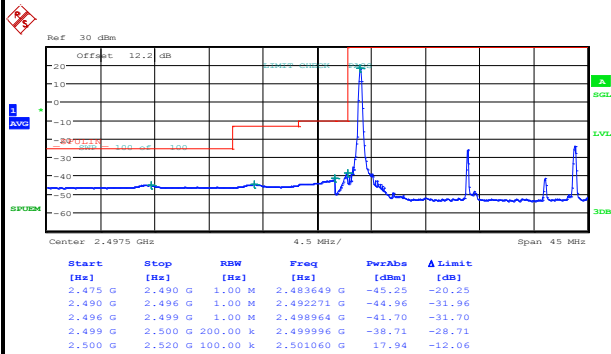


Date: 14.JAN.2015 00:03:12



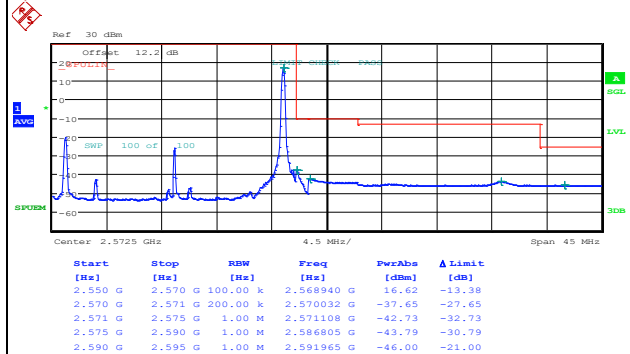
## LTE Band 7 / 20MHz / 16QAM (IC)

## Lowest Band Edge / 1 RB



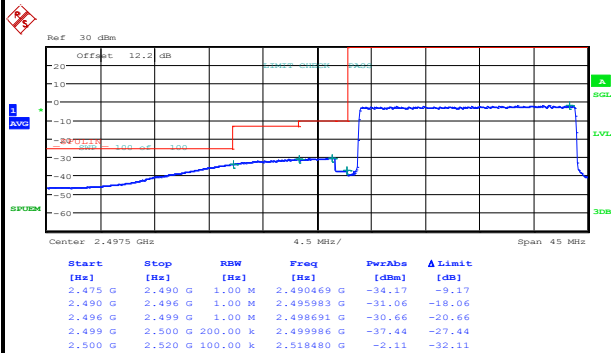
Date: 13.JAN.2015 23:50:01

## Highest Band Edge / 1RB



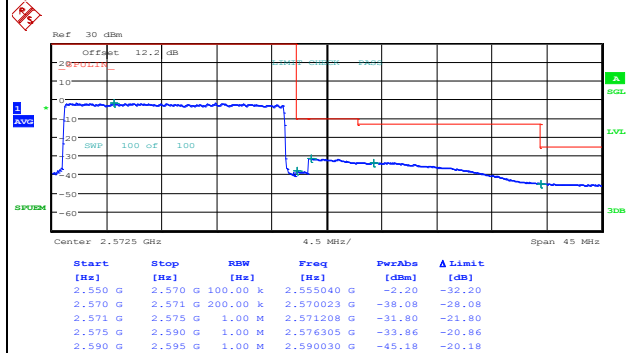
Date: 14.JAN.2015 00:00:52

## Lowest Band Edge / Full RB



Date: 13.JAN.2015 23:52:20

## Highest Band Edge / Full RB



Date: 14.JAN.2015 00:02:02

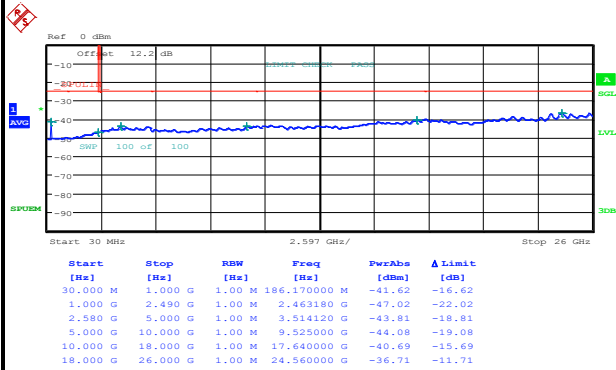


## **Conducted Spurious Emission**



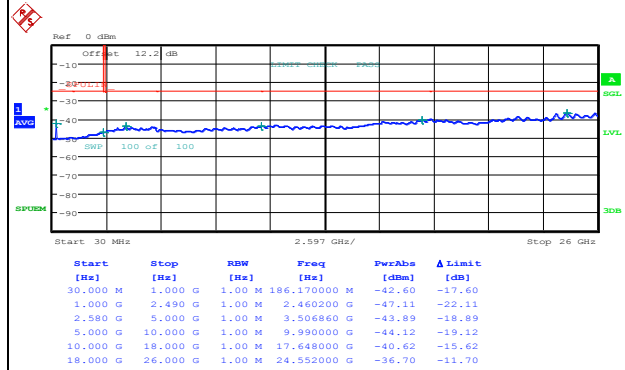
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



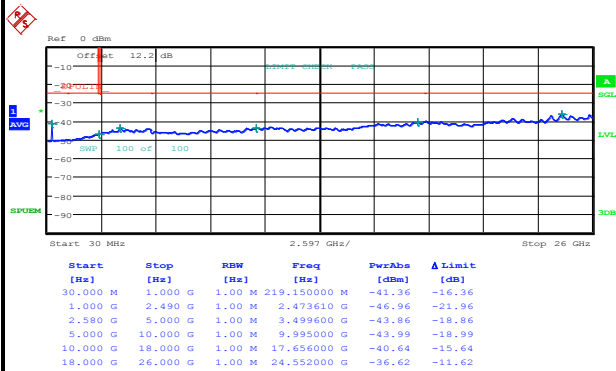
Date: 13.JAN.2015 22:55:09

## Lowest Channel / 16QAM



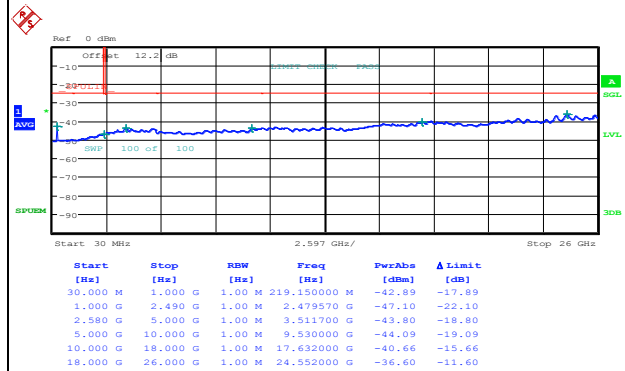
Date: 13.JAN.2015 22:56:19

## Middle Channel / QPSK



Date: 13.JAN.2015 22:58:15

## Middle Channel / 16QAM

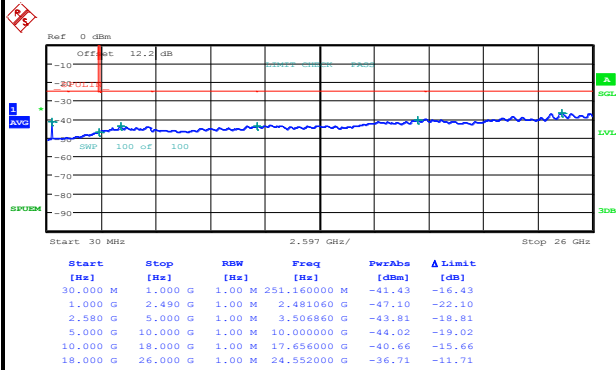


Date: 13.JAN.2015 22:59:25



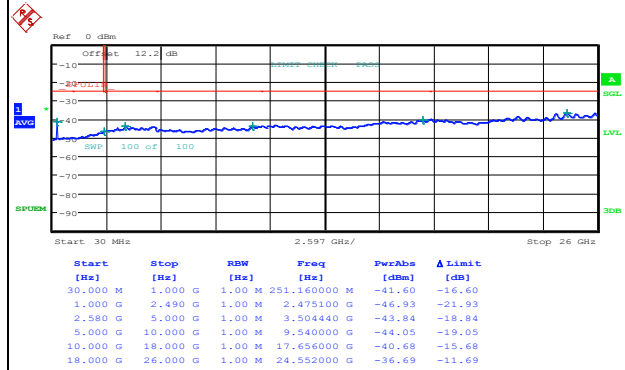
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 13.JAN.2015 23:05:59

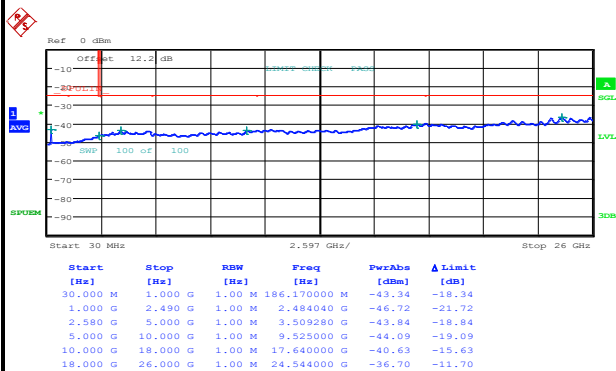
## Highest Channel / 16QAM



Date: 13.JAN.2015 23:07:08

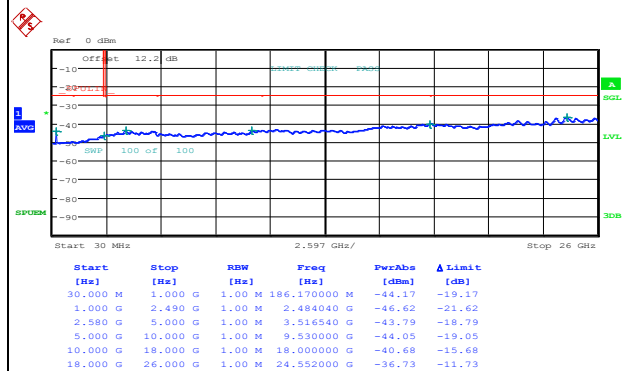
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 13.JAN.2015 23:13:47

## Lowest Channel / 16QAM

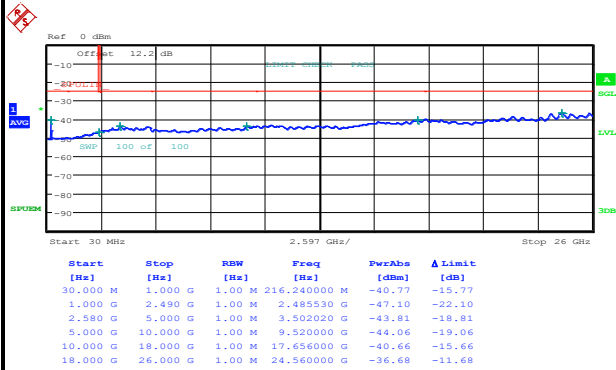


Date: 13.JAN.2015 23:14:56



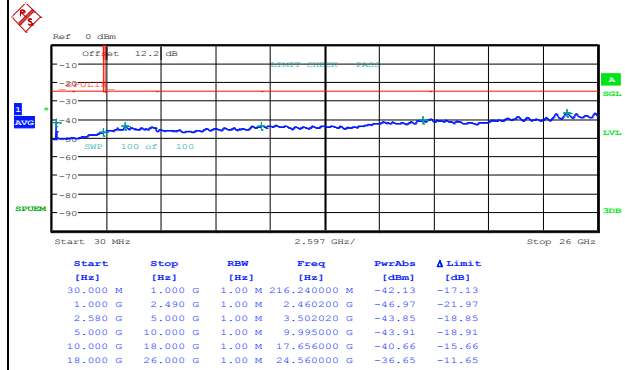
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



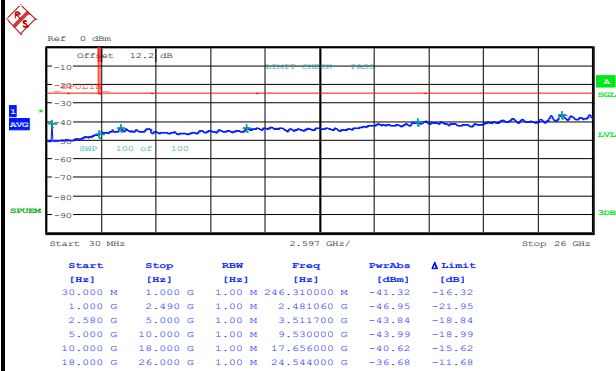
Date: 13.JAN.2015 23:17:16

## Middle Channel / 16QAM



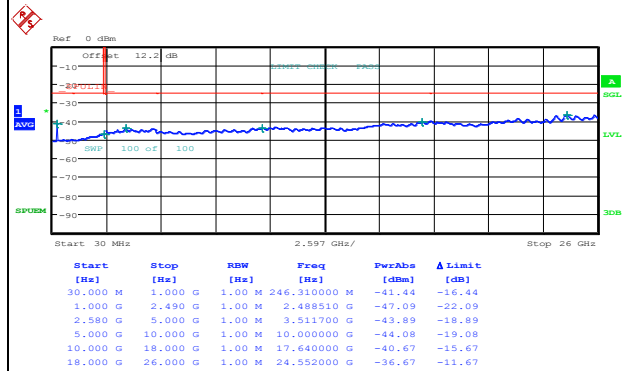
Date: 13.JAN.2015 23:18:25

## Highest Channel / QPSK



Date: 13.JAN.2015 23:24:59

## Highest Channel / 16QAM

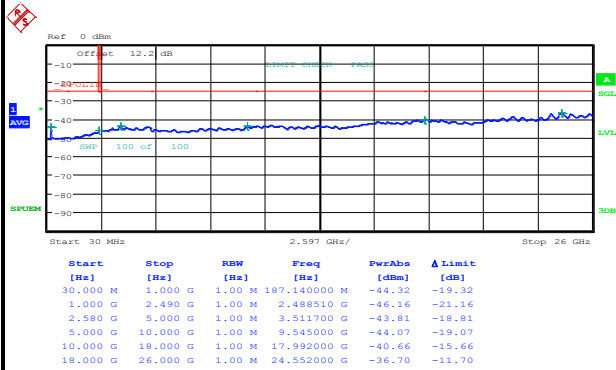


Date: 13.JAN.2015 23:26:09



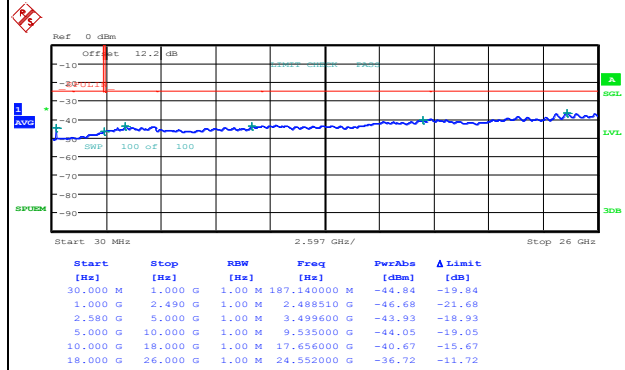
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



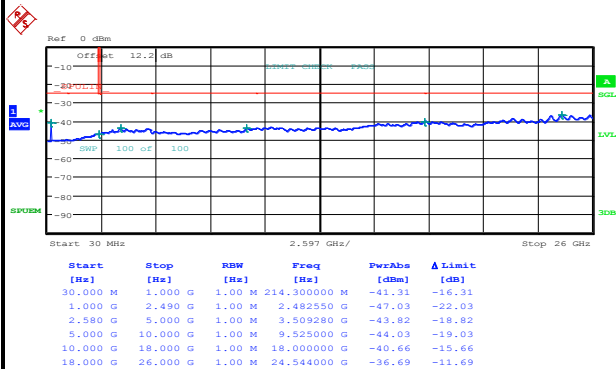
Date: 13.JAN.2015 23:32:48

## Lowest Channel / 16QAM



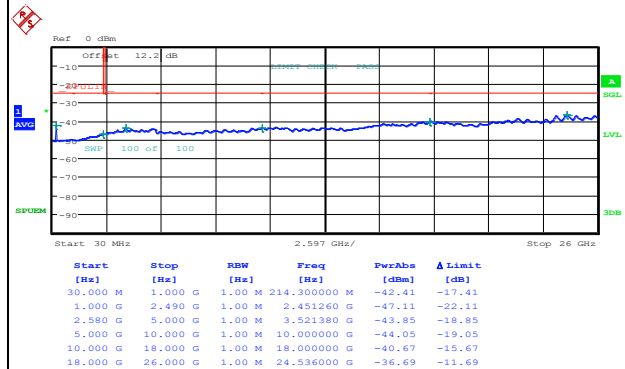
Date: 13.JAN.2015 23:33:57

## Middle Channel / QPSK



Date: 13.JAN.2015 23:35:54

## Middle Channel / 16QAM

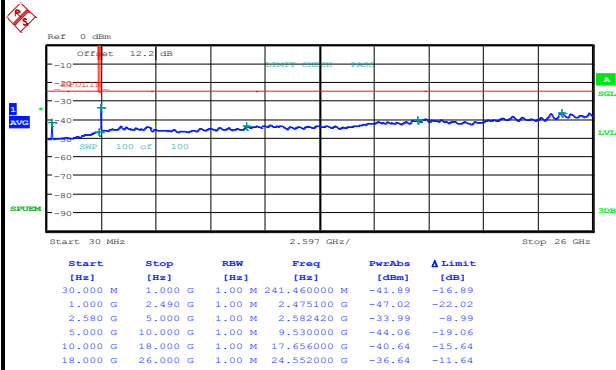


Date: 13.JAN.2015 23:37:04



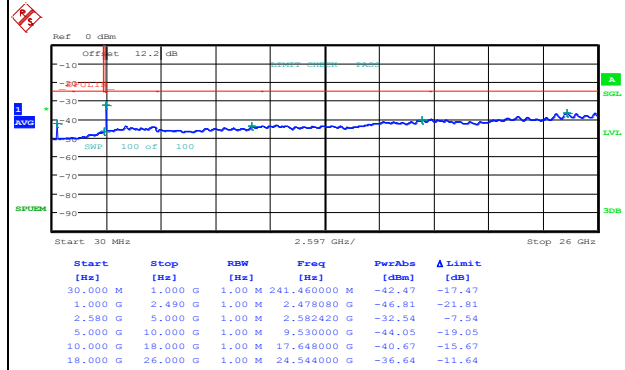
## LTE Band7 / 15MHz

## Highest Channel / QPSK



Date: 13.JAN.2015 23:43:38

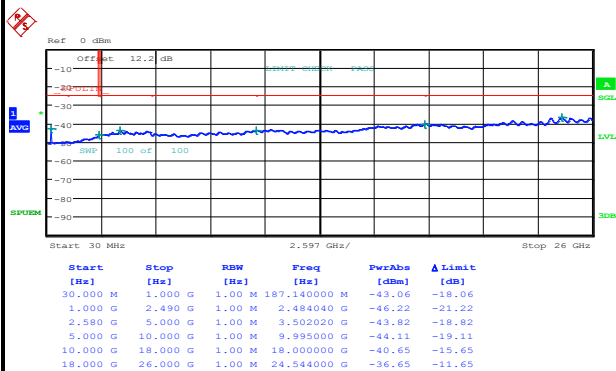
## Highest Channel / 16QAM



Date: 13.JAN.2015 23:44:48

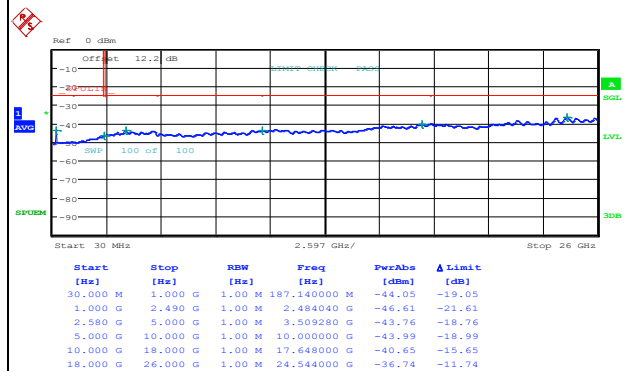
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 13.JAN.2015 23:53:29

## Lowest Channel / 16QAM

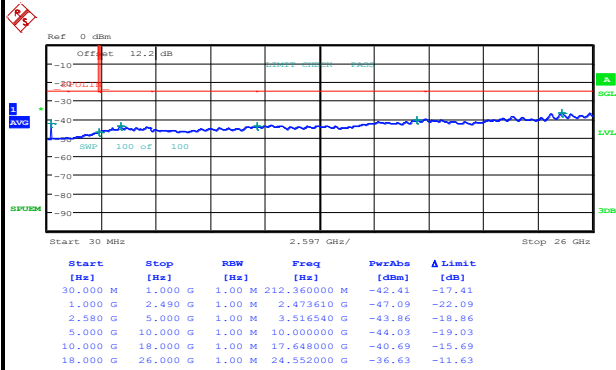


Date: 13.JAN.2015 23:54:39



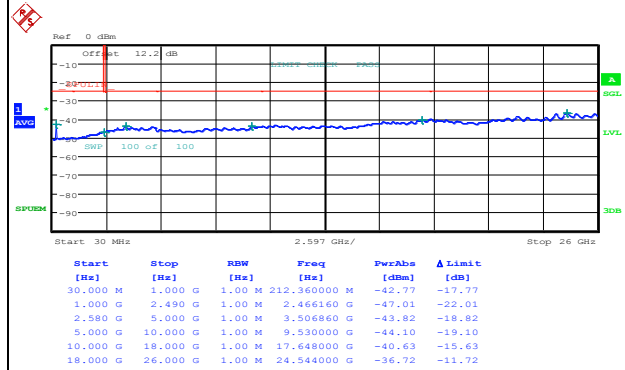
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



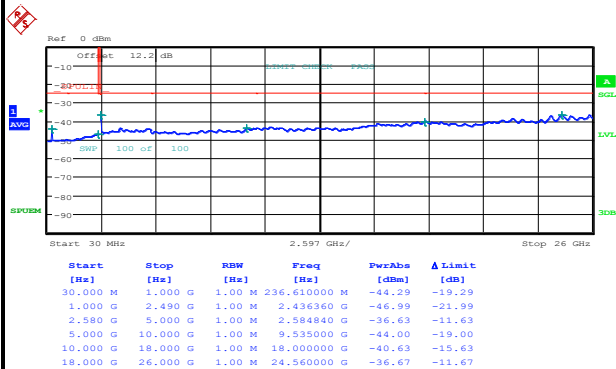
Date: 13.JAN.2015 23:56:35

## Middle Channel / 16QAM



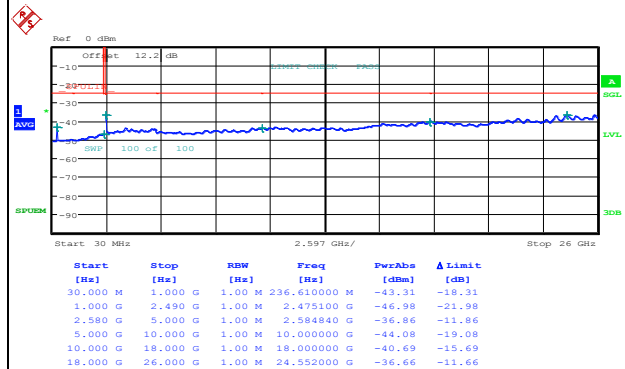
Date: 13.JAN.2015 23:57:45

## Highest Channel / QPSK



Date: 14.JAN.2015 00:04:22

## Highest Channel / 16QAM



Date: 14.JAN.2015 00:05:32

## Frequency Stability

| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0088                             | PASS    |
| 40               | Normal Voltage    | 0.0103                             |         |
| 30               | Normal Voltage    | 0.0100                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0001                             |         |
| 0                | Normal Voltage    | 0.0006                             |         |
| -10              | Normal Voltage    | 0.0002                             |         |
| -20              | Normal Voltage    | 0.0011                             |         |
| -30              | Normal Voltage    | 0.0007                             |         |
| 20               | Maximum Voltage   | 0.0098                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0005                             |         |

**Note:**

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.1 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel   | Limit       |
|------------------|-------------------|--------------------------------------|-------------|
| Temperature (°C) | Voltage (Volt)    | BW 5MHz                              | Within Band |
|                  |                   | Frequency Offset ( $\Delta f$ ) (Hz) | Result      |
| 50               | Normal Voltage    | -22.2                                | PASS        |
| 40               | Normal Voltage    | -26.1                                |             |
| 30               | Normal Voltage    | -25.3                                |             |
| 20(Ref.)         | Normal Voltage    | 0                                    |             |
| 10               | Normal Voltage    | -0.3                                 |             |
| 0                | Normal Voltage    | -1.4                                 |             |
| -10              | Normal Voltage    | 0.4                                  |             |
| -20              | Normal Voltage    | -2.9                                 |             |
| -30              | Normal Voltage    | 1.9                                  |             |
| 20               | Maximum Voltage   | -24.8                                |             |
| 20               | Normal Voltage    | 0                                    |             |
| 20               | Battery End Point | 1.2                                  |             |

$|\text{MAX}(\Delta f)| = 26.1\text{Hz}$

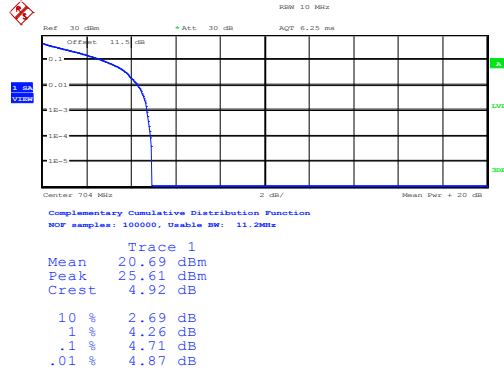
| Frequency Stability            | Frequency (MHz) | Limit Line              | Result |
|--------------------------------|-----------------|-------------------------|--------|
| $f_L -  \text{MAX}(\Delta f) $ | 2500.149986     | $\geq 2500 \text{ MHz}$ | PASS   |
| $f_H +  \text{MAX}(\Delta f) $ | 2569.834015     | $\leq 2570 \text{ MHz}$ |        |



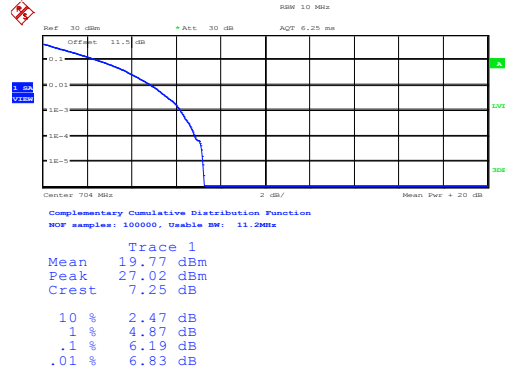
## LTE Band 12

## Peak-to-Average Ratio

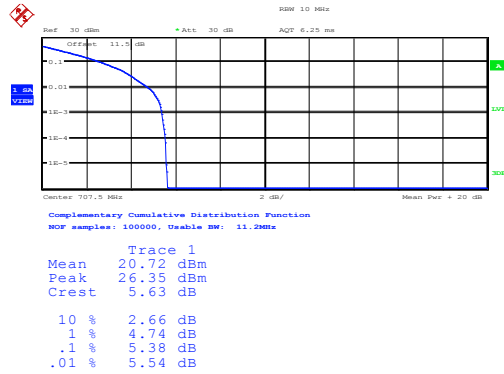
| Mode       | LTE Band 12 / 10MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | RB Size | Result      |
| Lowest CH  | 4.71                | 6.19    | 5.96  | 6.92    | PASS        |
| Middle CH  | 5.38                | 6.25    | 6.63  | 7.08    |             |
| Highest CH | 5.61                | 6.12    | 6.7   | 6.79    |             |

**LTE Band 12 / 10MHz / QPSK**
**Lowest Channel / 1RB**


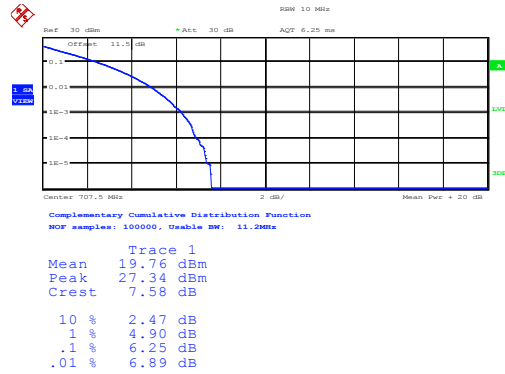
Date: 14.JAN.2015 13:48:57

**Lowest Channel / Full RB**


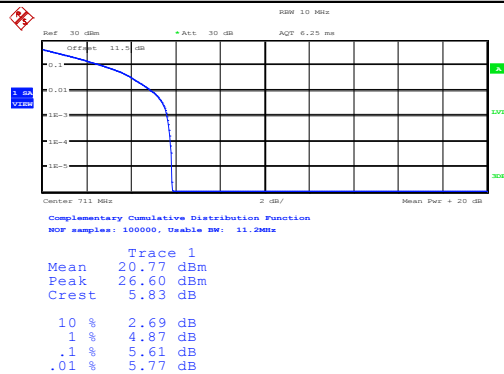
Date: 14.JAN.2015 13:48:38

**Middle Channel / 1RB**


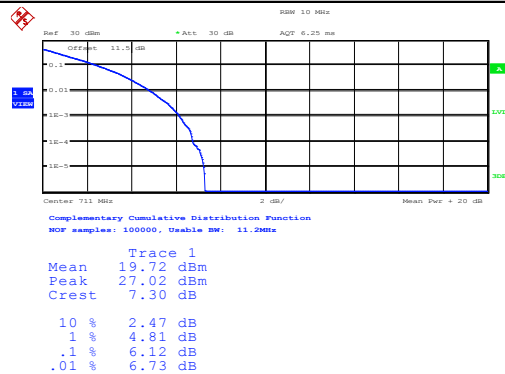
Date: 14.JAN.2015 13:49:17

**Middle Channel / Full RB**


Date: 14.JAN.2015 13:49:34

**Highest Channel / 1RB**


Date: 14.JAN.2015 13:50:12

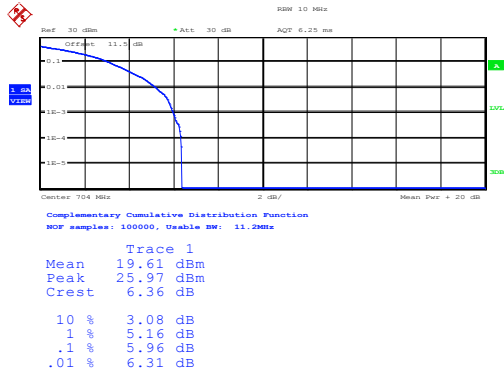
**Highest Channel / Full RB**


Date: 14.JAN.2015 13:49:52



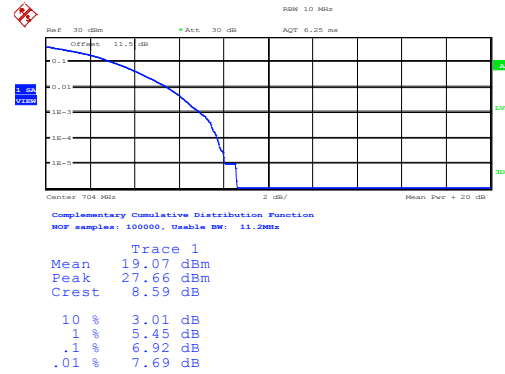
## LTE Band 12 / 10MHz / 16QAM

## Lowest Channel / 1RB



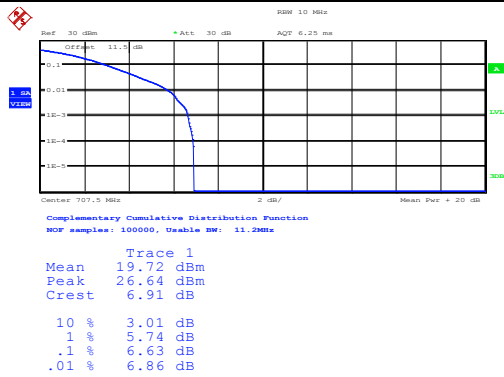
Date: 14.JAN.2015 13:44:27

## Lowest Channel / Full RB



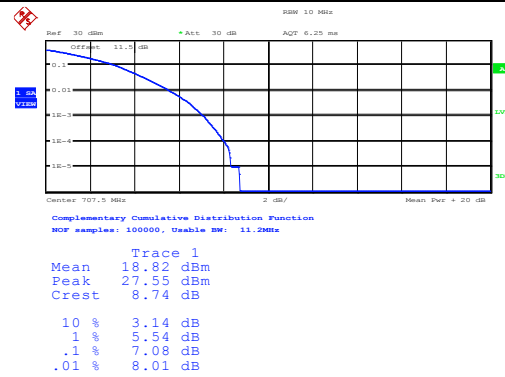
Date: 14.JAN.2015 13:44:08

## Middle Channel / 1RB



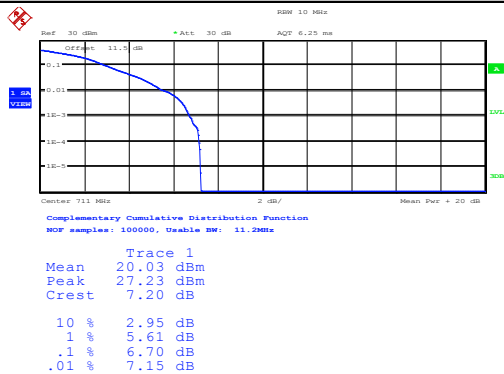
Date: 14.JAN.2015 13:44:54

## Middle Channel / Full RB



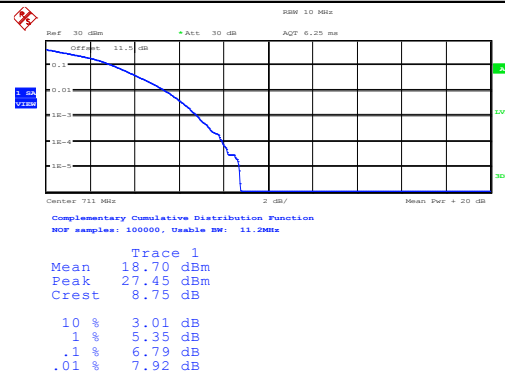
Date: 14.JAN.2015 13:45:19

## Highest Channel / 1RB



Date: 14.JAN.2015 13:48:14

## Highest Channel / Full RB



Date: 14.JAN.2015 13:47:50



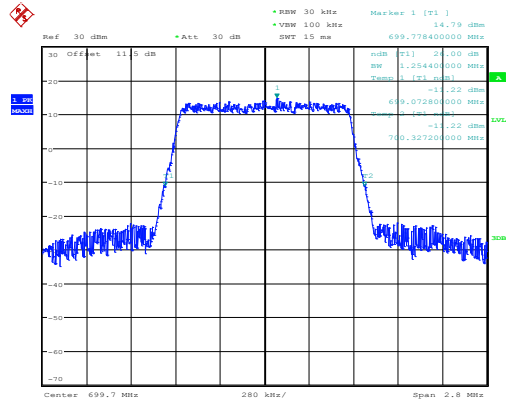
**26dB Bandwidth**

| Mode       | LTE Band 12 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.25                       | 1.28  | 3.01 | 2.97  | 4.97 | 4.98  | 10.12 | 10    | -     | -     | -     | -     |
| Middle CH  | 1.26                       | 1.26  | 2.98 | 3.02  | 5.04 | 5     | 10.06 | 10.06 | -     | -     | -     | -     |
| Highest CH | 1.25                       | 1.27  | 3.02 | 3.02  | 5.04 | 5.01  | 10.04 | 10.06 | -     | -     | -     | -     |

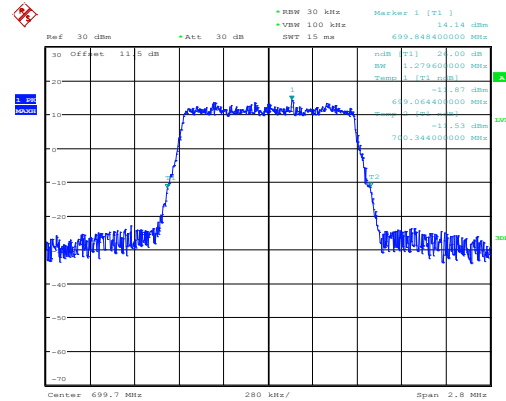


## LTE Band 12

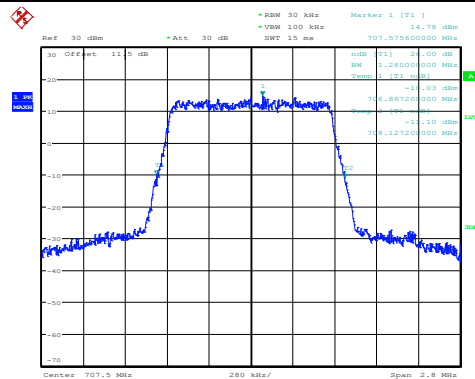
## Lowest Channel / 1.4MHz / QPSK



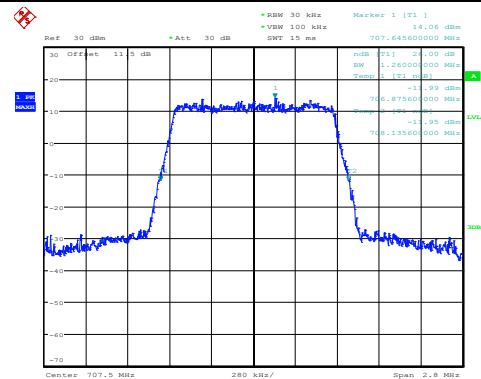
## Lowest Channel / 1.4MHz / 16QAM



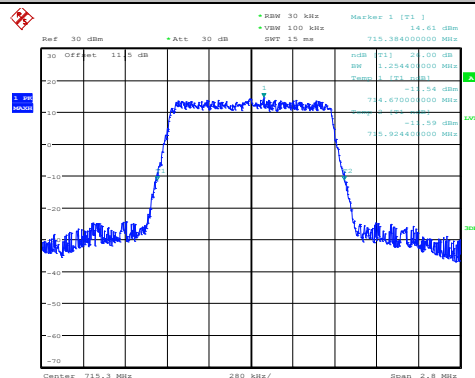
## Middle Channel / 1.4MHz / QPSK



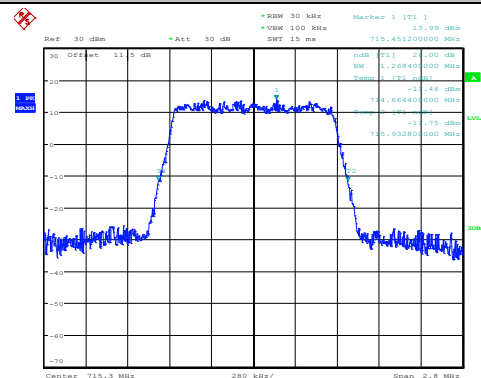
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK

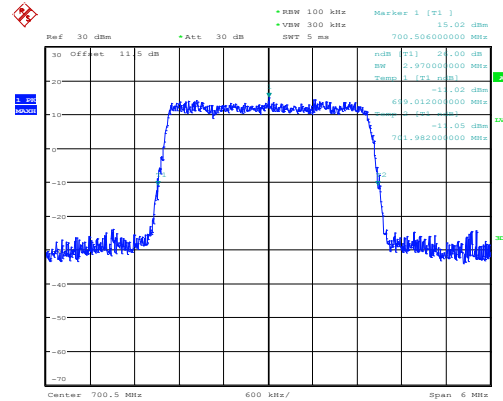


## Highest Channel / 1.4MHz / 16QAM



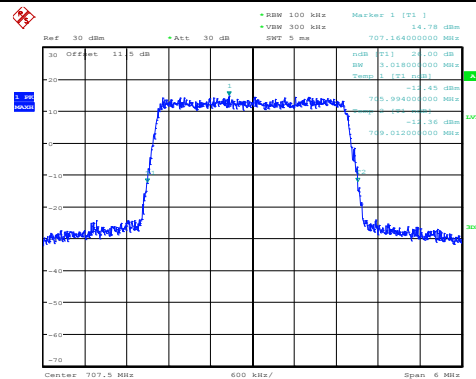


**Lowest Channel / 3MHz / 16QAM**



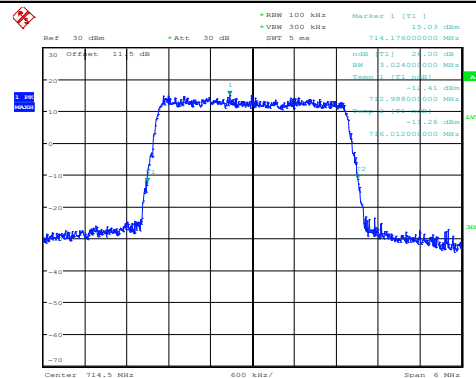
Date: 14.JAN.2015 10:18:55

### Middle Channel /3MHz / 16QAM



Date: 14.JAN.2015 10:31:58

### Highest Channel /3MHz / 16QAM

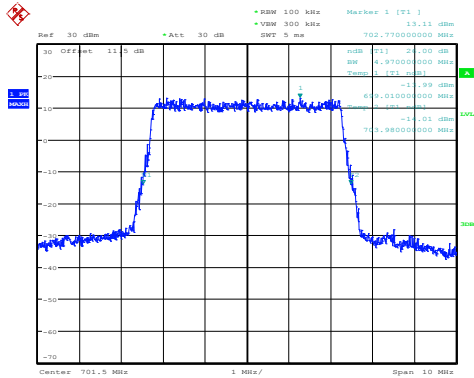


Date: 14.JAN.2015 10:35:24



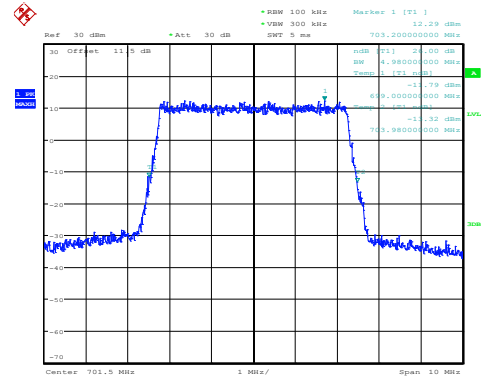
## LTE Band 12

## Lowest Channel / 5MHz / QPSK



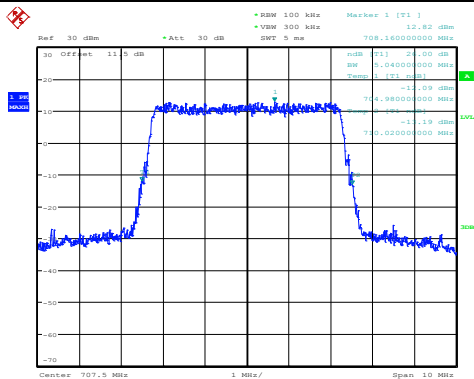
Date: 14.JAN.2015 10:44:40

## Lowest Channel / 5MHz / 16QAM



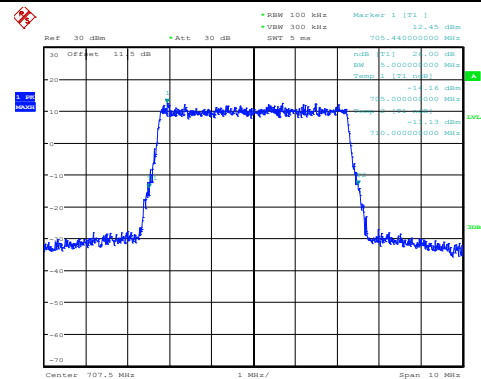
Date: 14.JAN.2015 10:44:21

## Middle Channel / 5MHz / QPSK



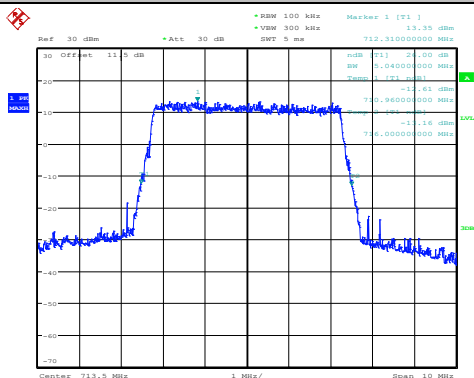
Date: 14.JAN.2015 10:53:11

## Middle Channel / 5MHz / 16QAM



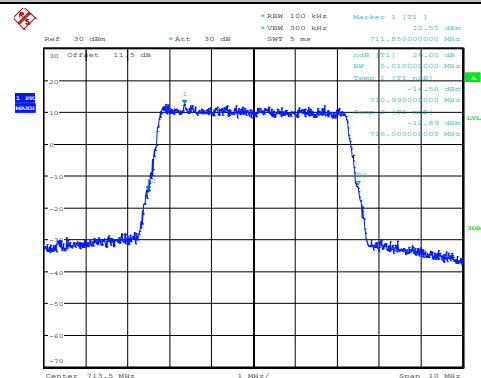
Date: 14.JAN.2015 10:53:31

## Highest Channel / 5MHz / QPSK



Date: 14.JAN.2015 10:57:16

## Highest Channel / 5MHz / 16QAM

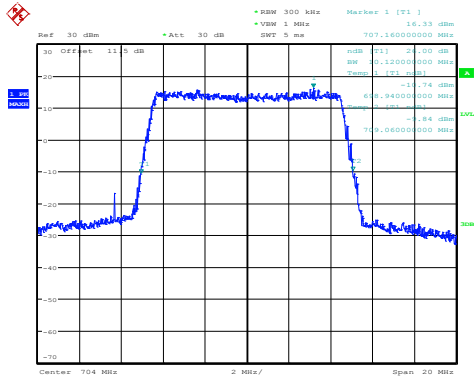


Date: 14.JAN.2015 10:56:57



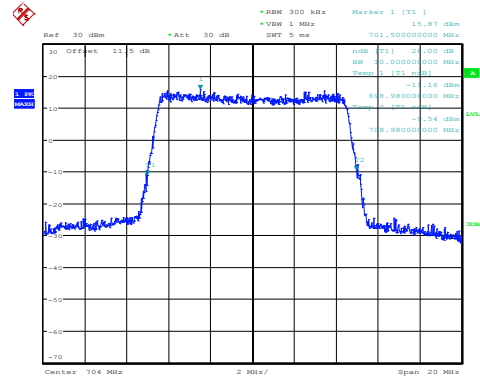
## LTE Band 12

## Lowest Channel / 10MHz / QPSK



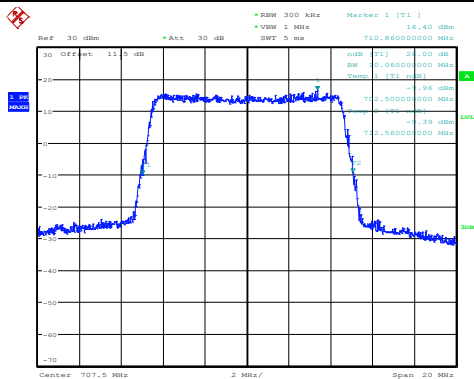
Date: 14.JAN.2015 11:06:13

## Lowest Channel / 10MHz / 16QAM



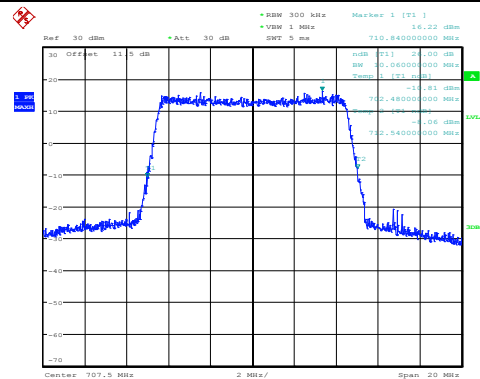
Date: 14.JAN.2015 11:05:53

## Middle Channel / 10MHz / QPSK



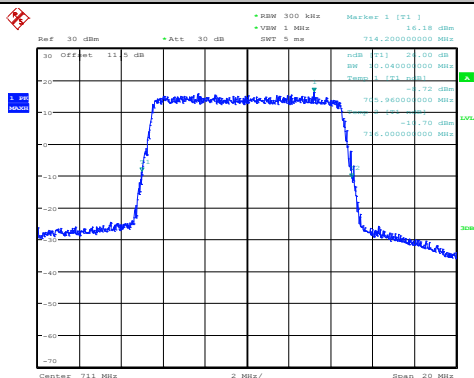
Date: 14.JAN.2015 11:15:46

## Middle Channel / 10MHz / 16QAM



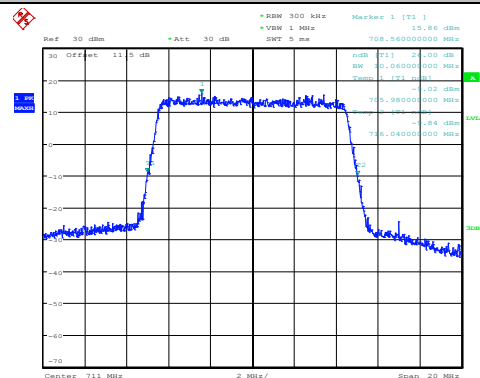
Date: 14.JAN.2015 11:16:05

## Highest Channel / 10MHz / QPSK



Date: 14.JAN.2015 11:19:52

## Highest Channel / 10MHz / 16QAM



Date: 14.JAN.2015 11:19:33



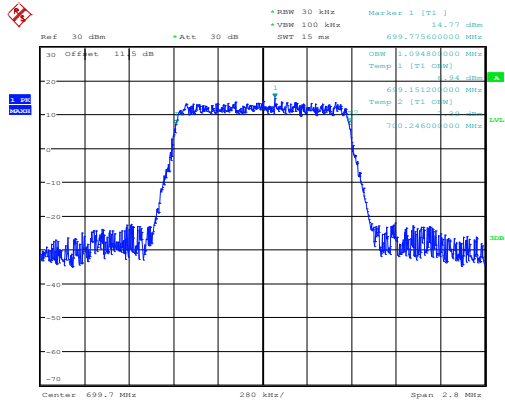
## Occupied Bandwidth

| Mode       | LTE Band 12 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                      | 1.09  | 2.72 | 2.72  | 4.51 | 4.51  | 9.1   | 9.06  | -     | -     | -     | -     |
| Middle CH  | 1.1                       | 1.1   | 2.72 | 2.72  | 4.51 | 4.51  | 9.1   | 9.06  | -     | -     | -     | -     |
| Highest CH | 1.1                       | 1.1   | 2.72 | 2.72  | 4.5  | 4.51  | 9.06  | 9.04  | -     | -     | -     | -     |



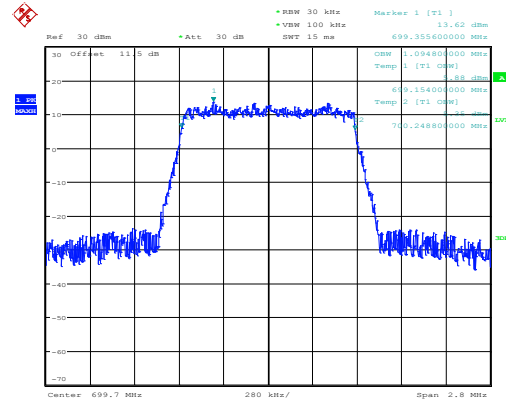
## LTE Band 12

## Lowest Channel / 1.4MHz / QPSK



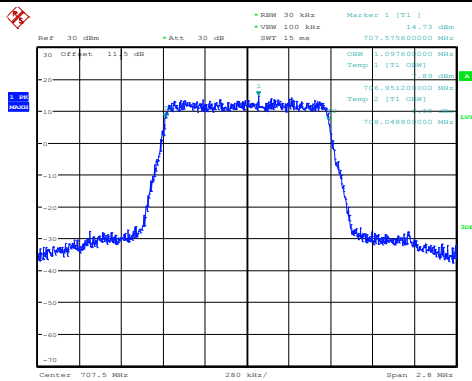
Date: 14.JAN.2015 12:11:28

## Lowest Channel / 1.4MHz / 16QAM



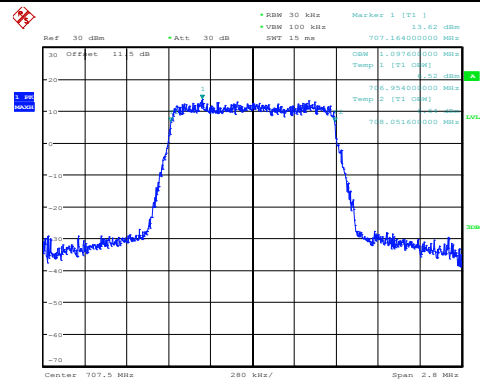
Date: 14.JAN.2015 12:11:45

## Middle Channel / 1.4MHz / QPSK



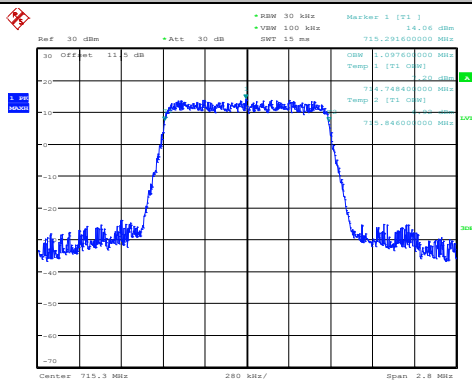
Date: 14.JAN.2015 12:21:29

## Middle Channel / 1.4MHz / 16QAM



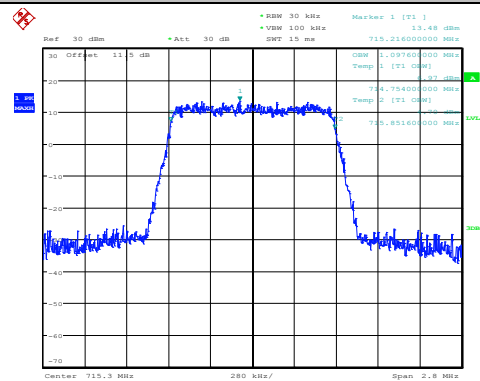
Date: 14.JAN.2015 12:21:11

## Highest Channel / 1.4MHz / QPSK



Date: 14.JAN.2015 12:24:59

## Highest Channel / 1.4MHz / 16QAM

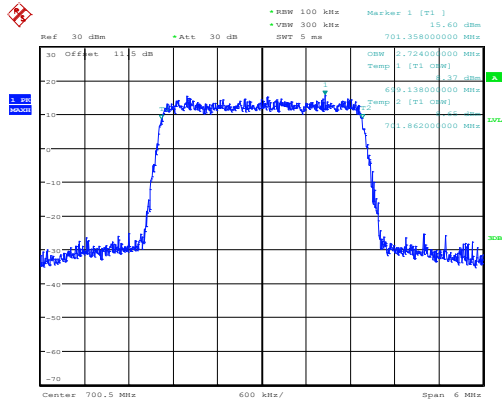


Date: 14.JAN.2015 12:25:16



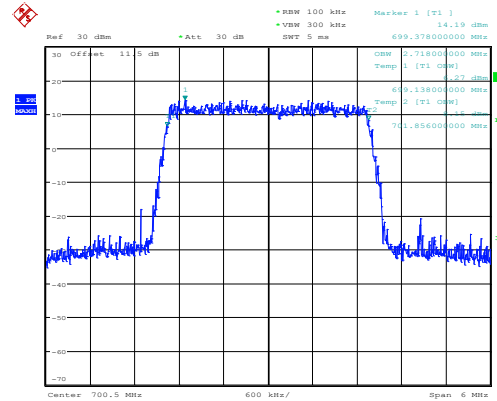
## LTE Band 12

## Lowest Channel / 3MHz / QPSK



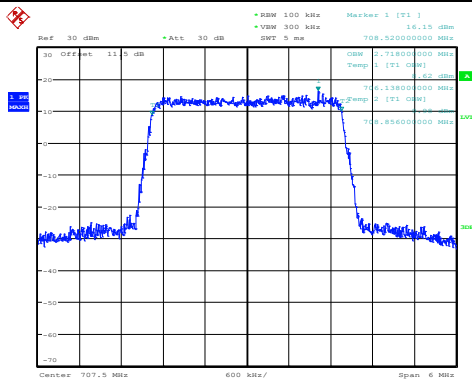
Date: 14.JAN.2015 10:17:25

## Lowest Channel / 3MHz / 16QAM



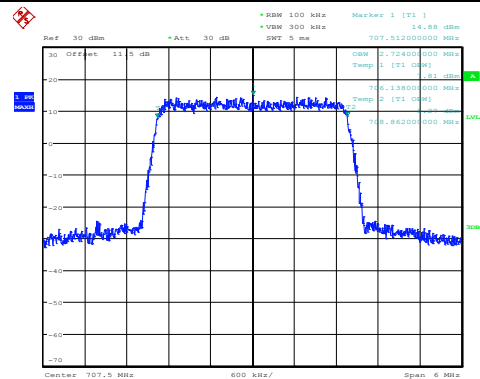
Date: 14.JAN.2015 10:18:31

## Middle Channel / 3MHz / QPSK



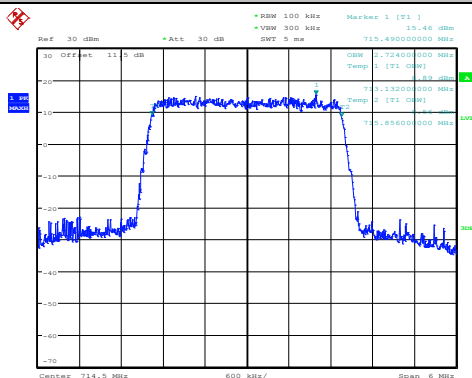
Date: 14.JAN.2015 10:31:19

## Middle Channel / 3MHz / 16QAM



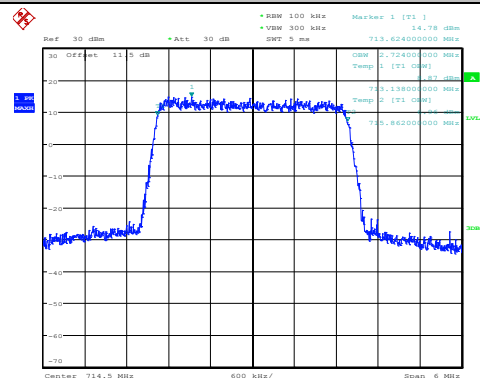
Date: 14.JAN.2015 10:31:02

## Highest Channel / 3MHz / QPSK



Date: 14.JAN.2015 10:34:47

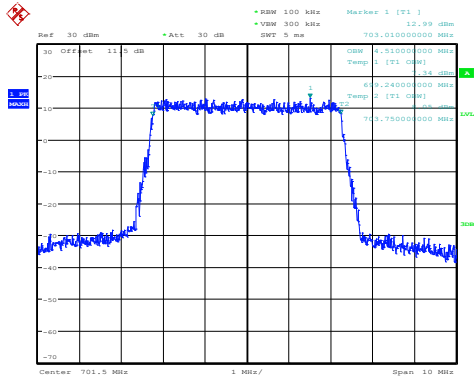
## Highest Channel / 3MHz / 16QAM



Date: 14.JAN.2015 10:35:05

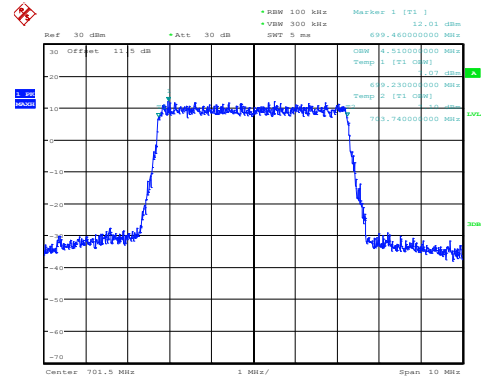
## LTE Band 12

### Lowest Channel / 5MHz / QPSK



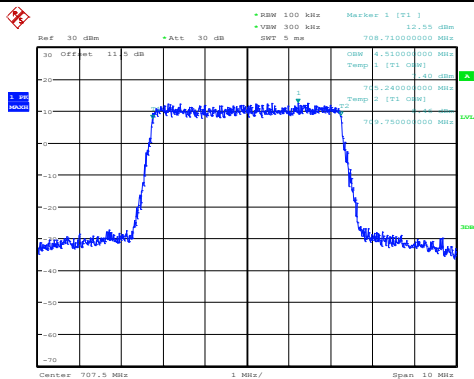
Date: 14.JAN.2015 10:43:44

**Lowest Channel / 5MHz / 16QAM**



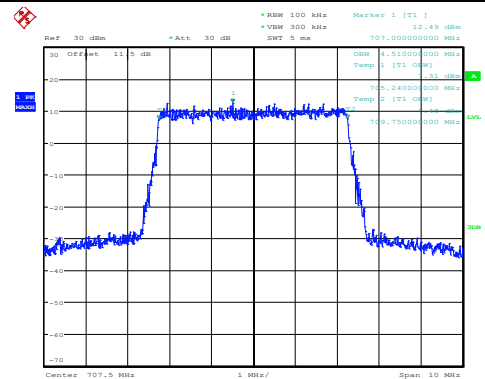
Date: 14.JAN.2015 10:44:01

### Middle Channel / 5MHz / QPSK



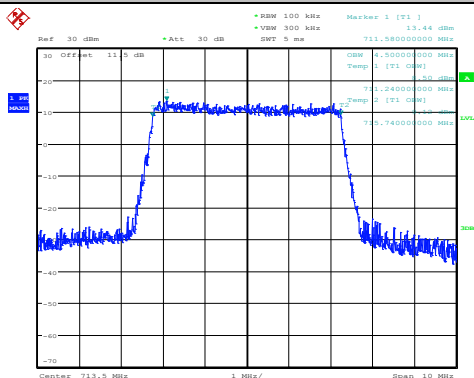
Date: 14.JAN.2015 10:52:52

### Middle Channel / 5MHz / 16QAM



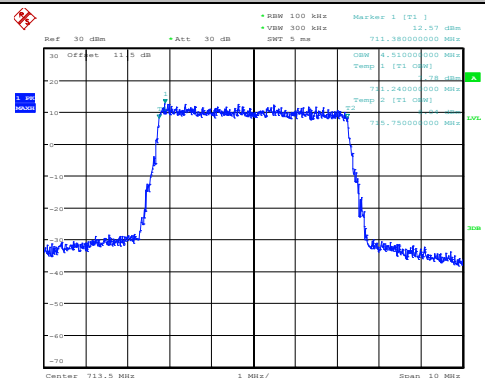
Date: 14.JAN.2015 10:52:35

### Highest Channel / 5MHz / QPSK



Date: 14.JAN.2015 10:56:21

### Highest Channel / 5MHz / 16QAM

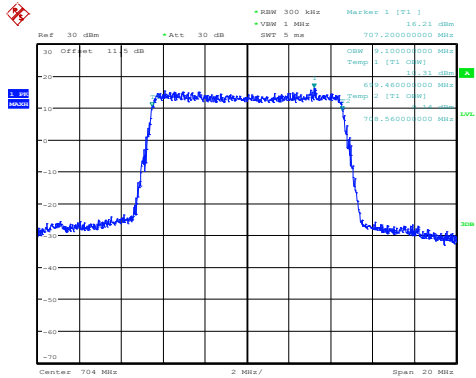


Date: 14.JAN.2015 10:56:38



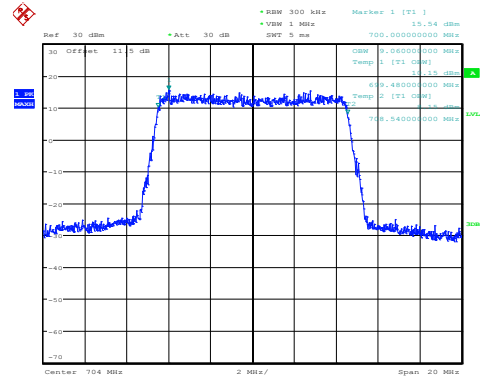
## LTE Band 12

## Lowest Channel / 10MHz / QPSK



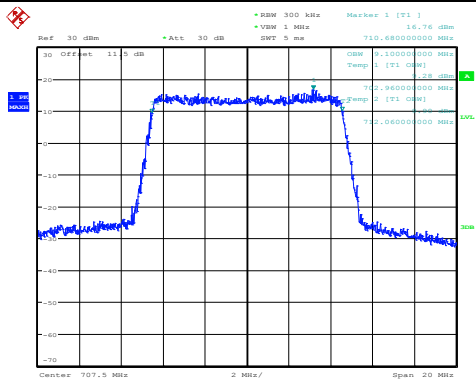
Date: 14.JAN.2015 11:05:15

## Lowest Channel / 10MHz / 16QAM



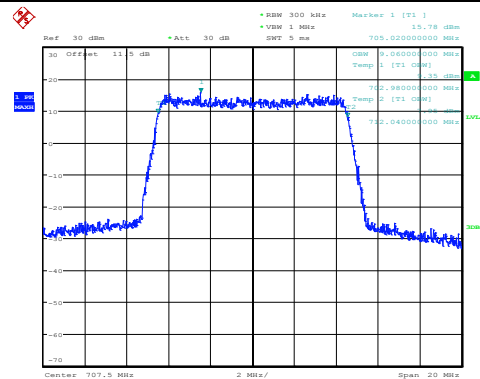
Date: 14.JAN.2015 11:05:33

## Middle Channel / 10MHz / QPSK



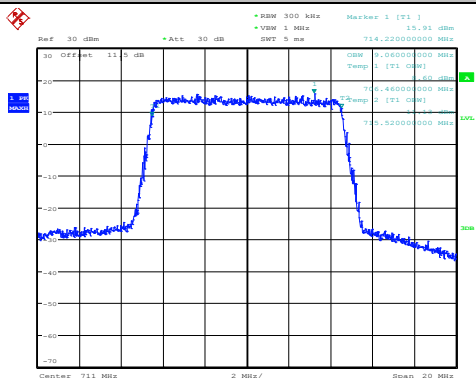
Date: 14.JAN.2015 11:15:27

## Middle Channel / 10MHz / 16QAM



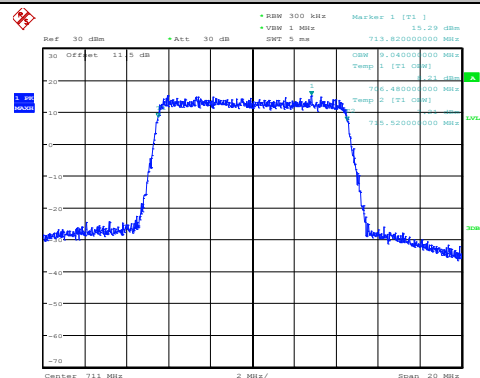
Date: 14.JAN.2015 11:15:10

## Highest Channel / 10MHz / QPSK



Date: 14.JAN.2015 11:18:55

## Highest Channel / 10MHz / 16QAM



Date: 14.JAN.2015 11:19:13

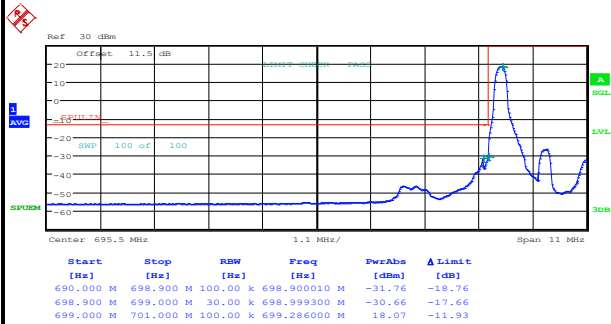


## **Conducted Band Edge**



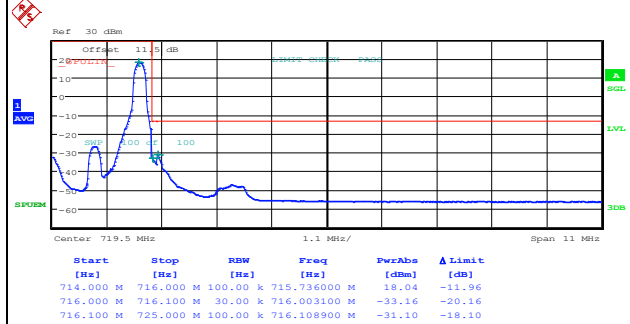
## LTE Band 12 / 1.4MHz / QPSK

## Lowest Band Edge / 1 RB



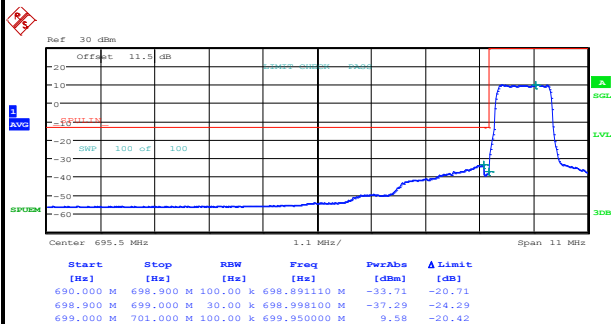
Date: 14.JAN.2015 12:17:58

## Highest Band Edge / 1RB



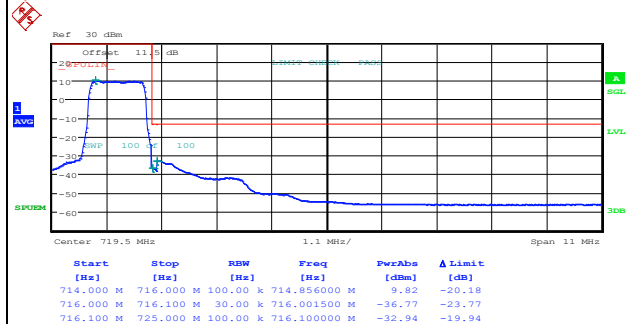
Date: 14.JAN.2015 12:30:59

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 12:13:40

## Highest Band Edge / Full RB

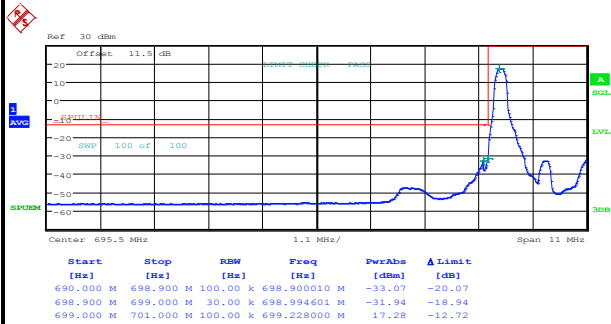


Date: 14.JAN.2015 12:27:11



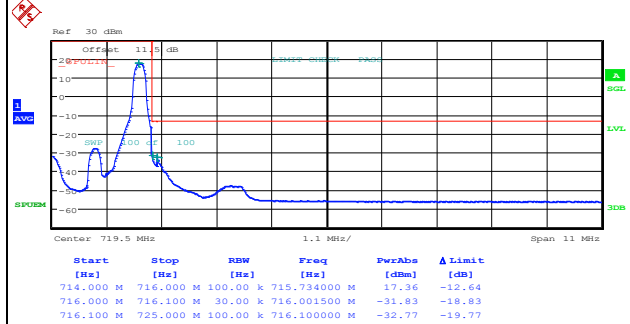
## LTE Band 12 / 1.4MHz / 16QAM

## Lowest Band Edge / 1 RB



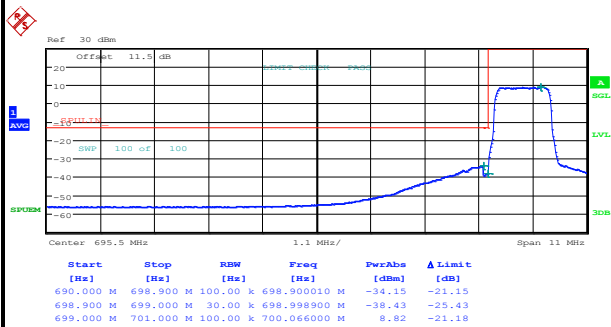
Date: 14.JAN.2015 12:16:35

## Highest Band Edge / 1 RB



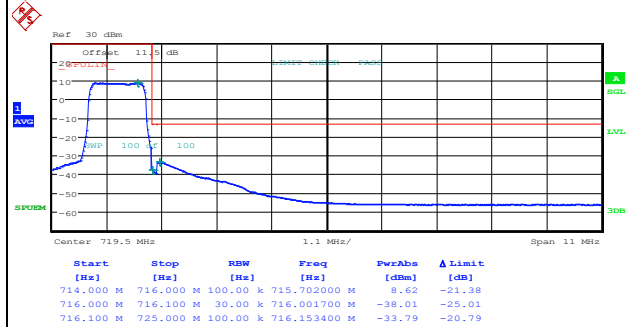
Date: 14.JAN.2015 12:29:43

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 12:14:57

## Highest Band Edge / Full RB

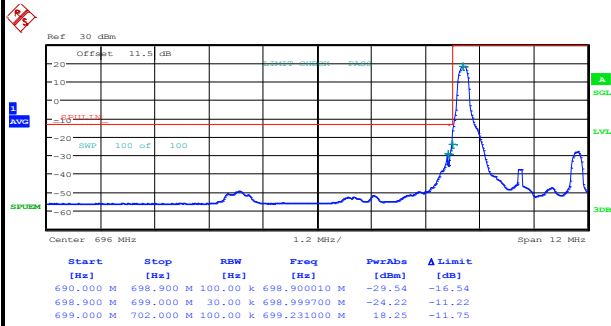


Date: 14.JAN.2015 12:28:27



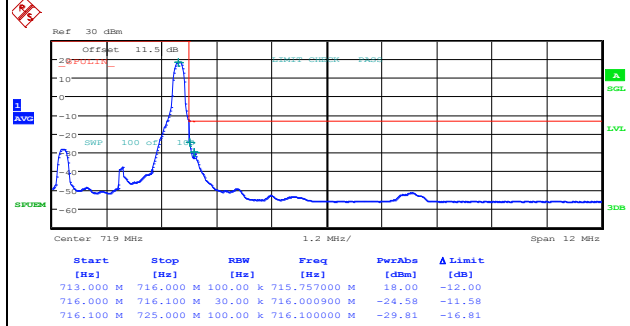
## LTE Band 12 / 3MHz / QPSK

## Lowest Band Edge / 1RB



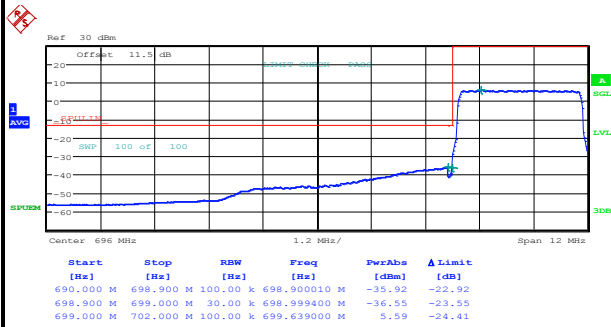
Date: 14.JAN.2015 10:24:26

## Highest Band Edge / 1 RB



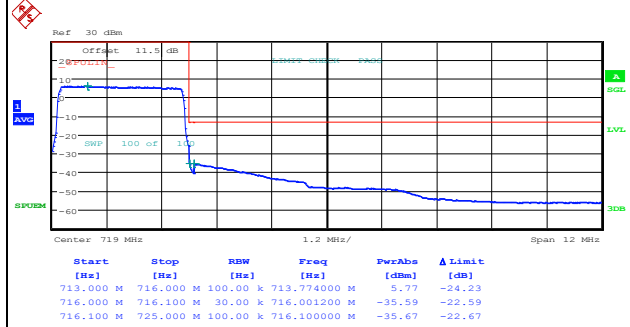
Date: 14.JAN.2015 10:40:49

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 10:20:22

## Highest Band Edge / Full RB

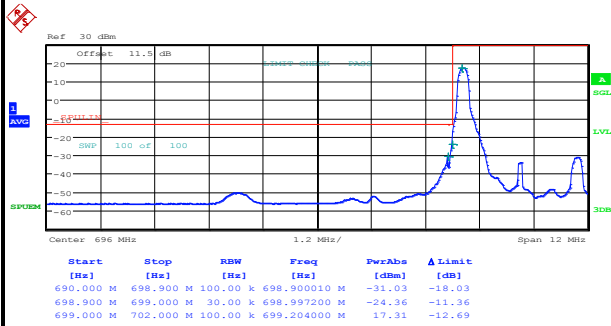


Date: 14.JAN.2015 10:37:00



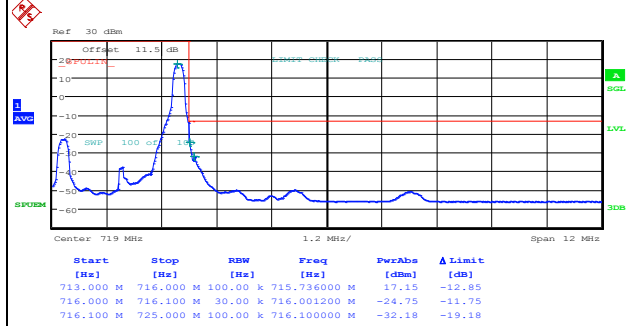
## LTE Band 12 / 3MHz / 16QAM

## Lowest Band Edge / 1 RB



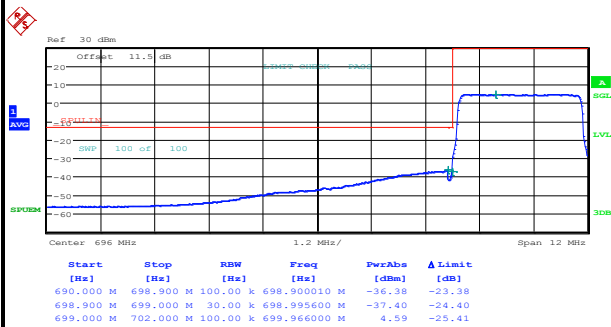
Date: 14.JAN.2015 10:23:06

## Highest Band Edge / 1 RB



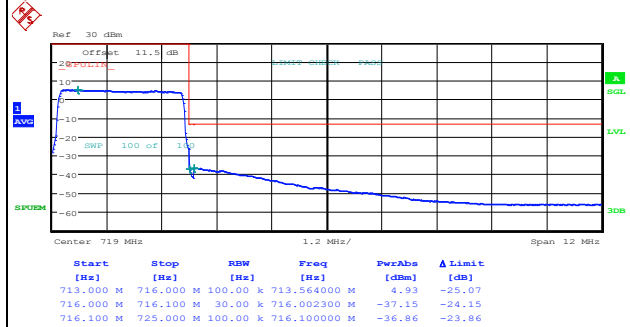
Date: 14.JAN.2015 10:39:33

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 10:21:49

## Highest Band Edge / Full RB

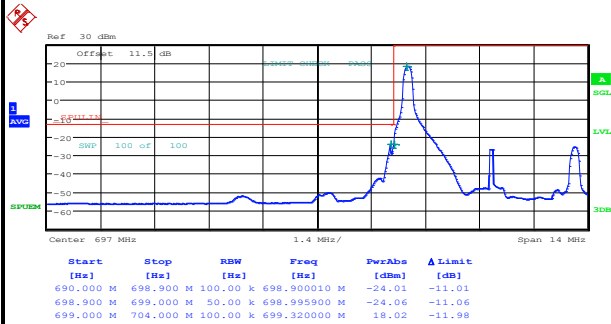


Date: 14.JAN.2015 10:38:17



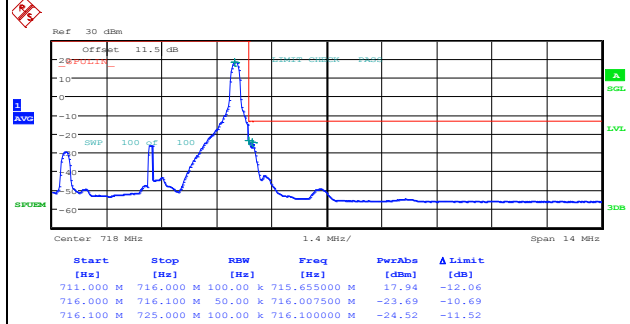
## LTE Band 12 / 5MHz / QPSK

## Lowest Band Edge / 1 RB



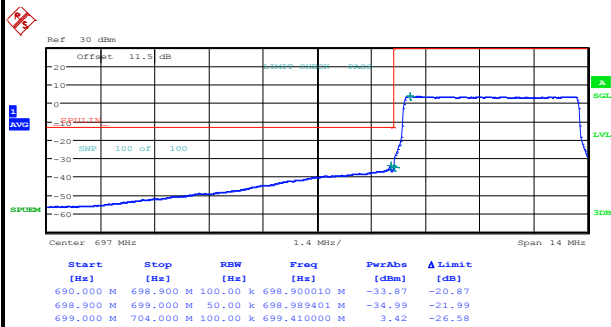
Date: 14.JAN.2015 10:49:45

## Highest Band Edge / 1 RB



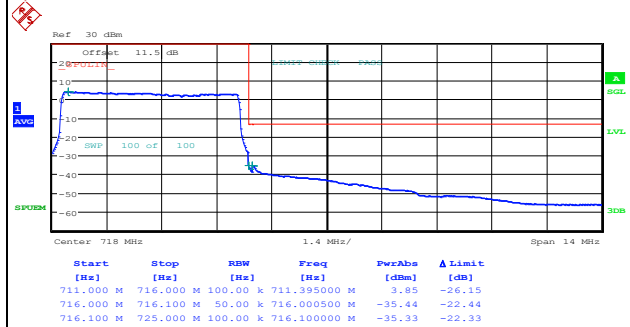
Date: 14.JAN.2015 11:01:04

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 10:45:56

## Highest Band Edge / Full RB

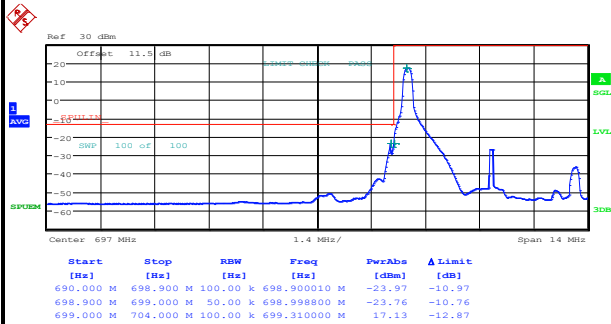


Date: 14.JAN.2015 10:58:32



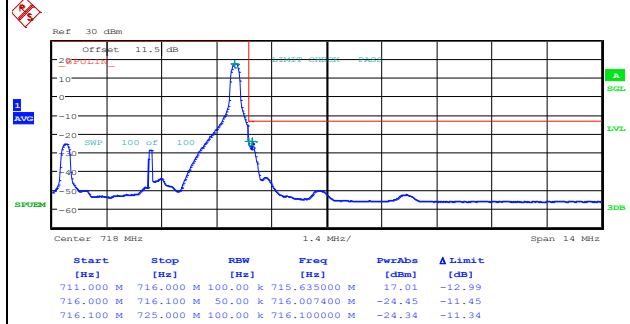
## LTE Band 12 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



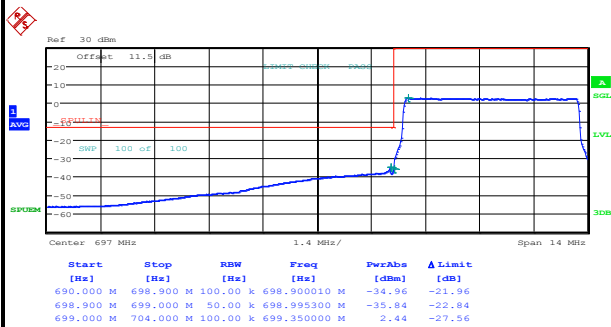
Date: 14.JAN.2015 10:48:29

## Highest Band Edge / 1 RB



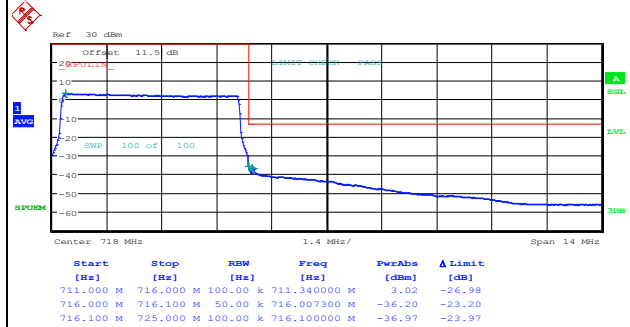
Date: 14.JAN.2015 11:02:21

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 10:47:13

## Highest Band Edge / Full RB

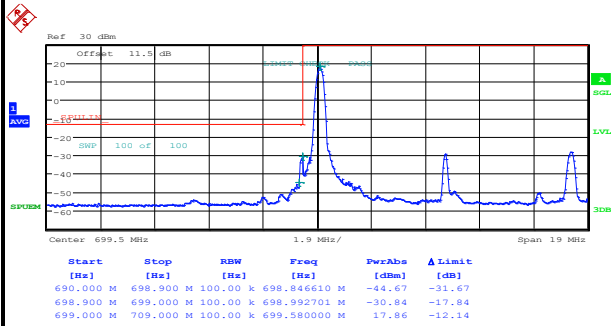


Date: 14.JAN.2015 10:59:49



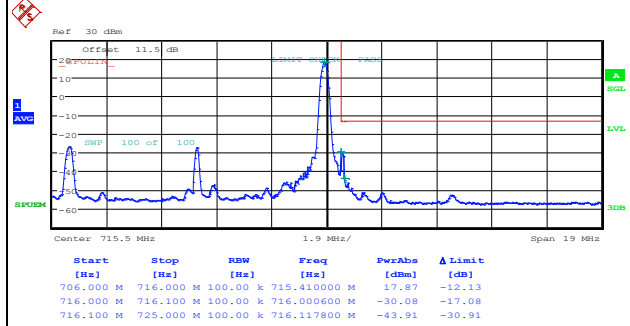
## LTE Band 12 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



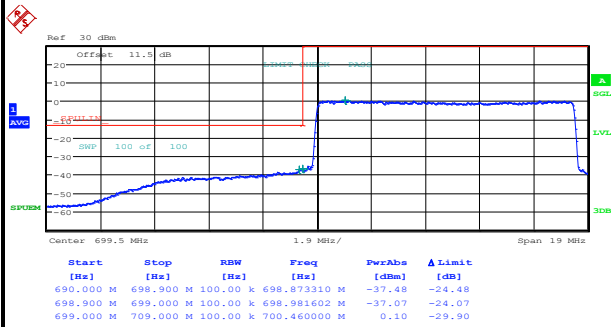
Date: 14.JAN.2015 11:11:19

## Highest Band Edge / 1 RB



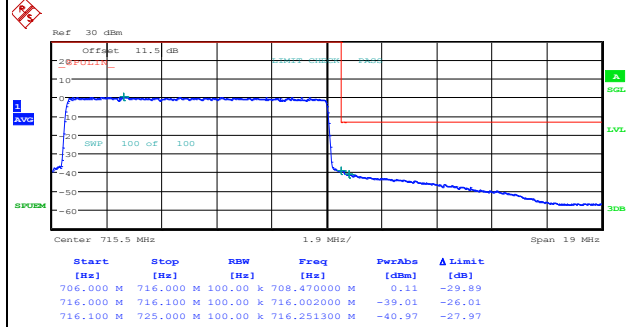
Date: 14.JAN.2015 11:27:24

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 11:07:29

## Highest Band Edge / Full RB

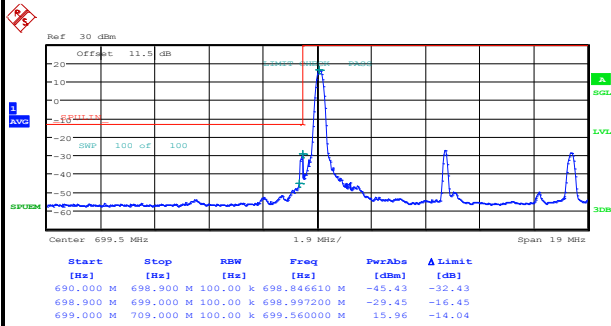


Date: 14.JAN.2015 13:53:32



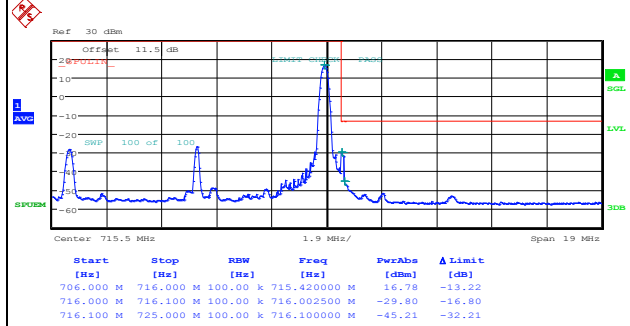
## LTE Band 12 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



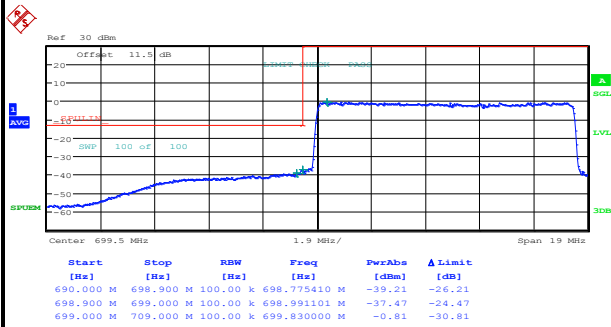
Date: 14.JAN.2015 11:10:02

## Highest Band Edge / 1 RB



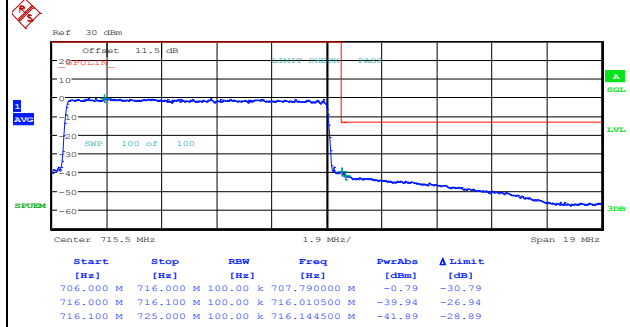
Date: 14.JAN.2015 11:26:07

## Lowest Band Edge / Full RB



Date: 14.JAN.2015 11:08:46

## Highest Band Edge / Full RB



Date: 14.JAN.2015 11:24:50

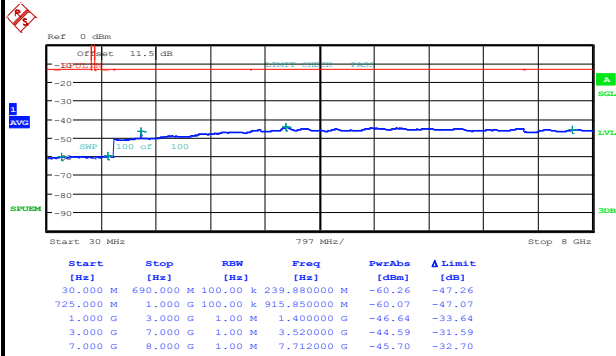


## **Conducted Spurious Emission**



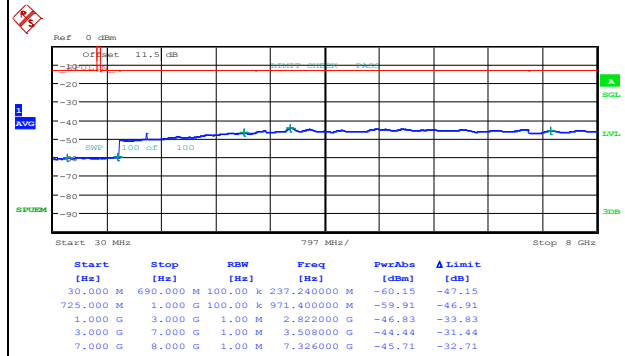
## LTE Band 12 / 1.4MHz

## Lowest Channel / QPSK



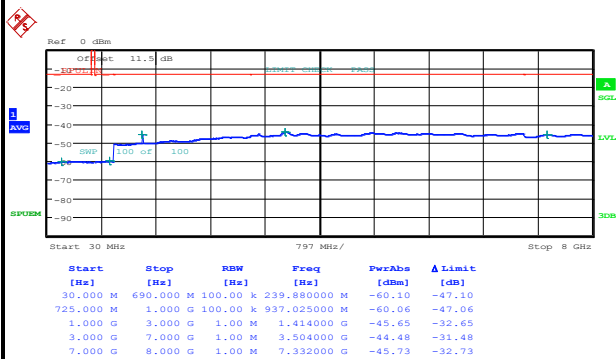
Date: 14.JAN.2015 12:19:21

## Lowest Channel / 16QAM



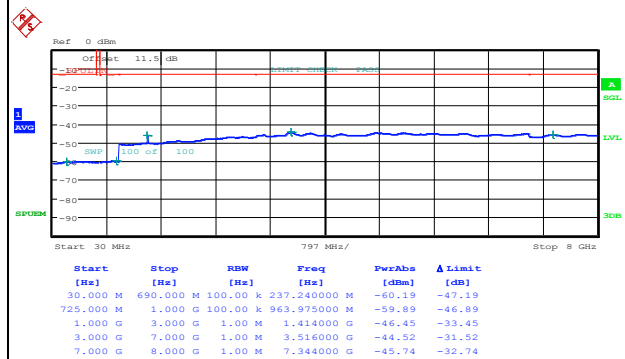
Date: 14.JAN.2015 12:20:42

## Middle Channel / QPSK



Date: 14.JAN.2015 12:24:41

## Middle Channel / 16QAM

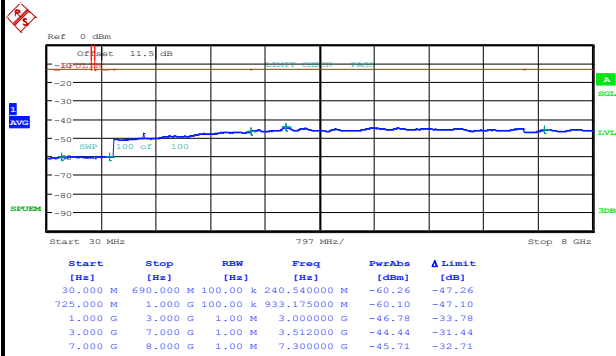


Date: 14.JAN.2015 12:23:25



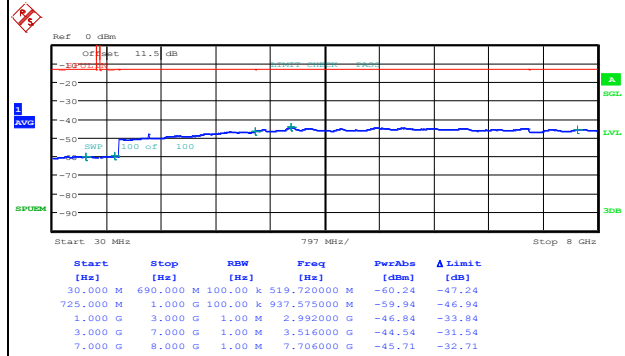
## LTE Band 12 / 1.4MHz

## Highest Channel / QPSK



Date: 14.JAN.2015 12:32:16

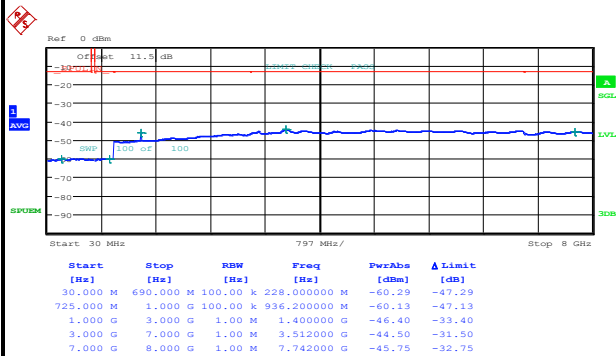
## Highest Channel / 16QAM



Date: 14.JAN.2015 12:33:32

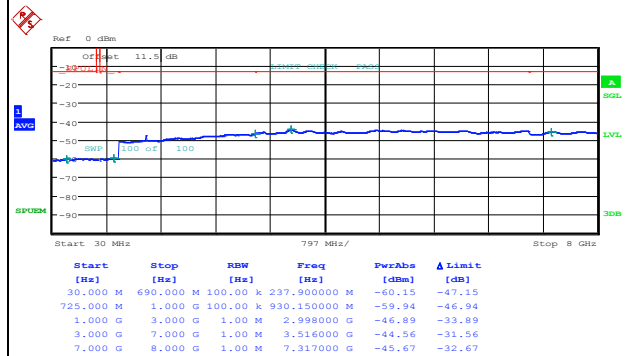
## LTE Band 12 / 3MHz

## Lowest Channel / QPSK



Date: 14.JAN.2015 13:52:11

## Lowest Channel / 16QAM

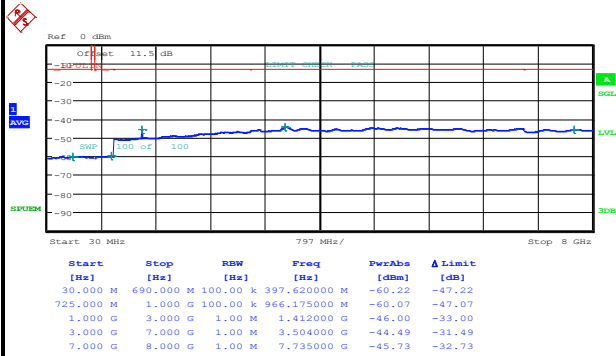


Date: 14.JAN.2015 10:30:44



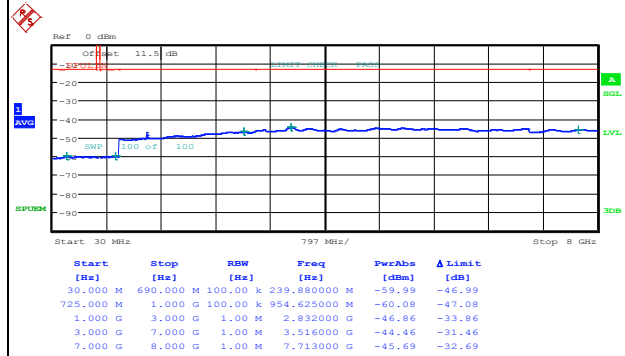
## LTE Band 12 / 3MHz

## Middle Channel / QPSK



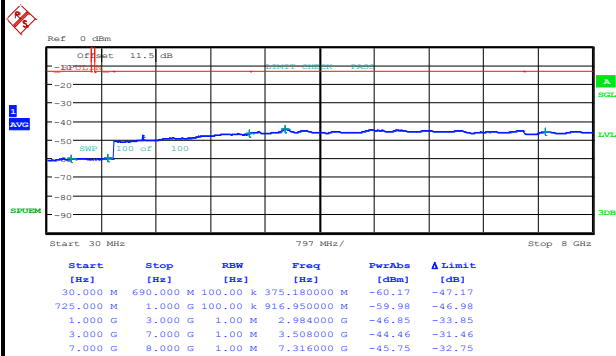
Date: 14.JAN.2015 10:34:30

## Middle Channel / 16QAM



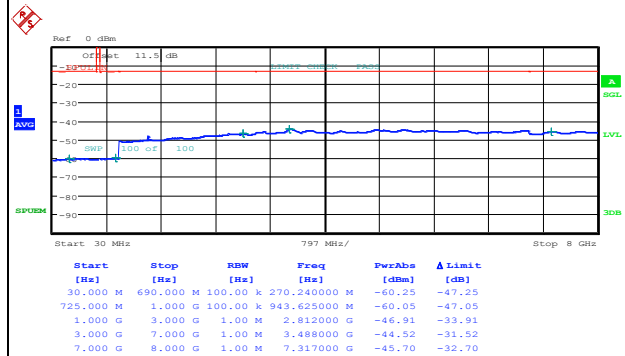
Date: 14.JAN.2015 10:33:14

## Highest Channel / QPSK



Date: 14.JAN.2015 10:42:06

## Highest Channel / 16QAM

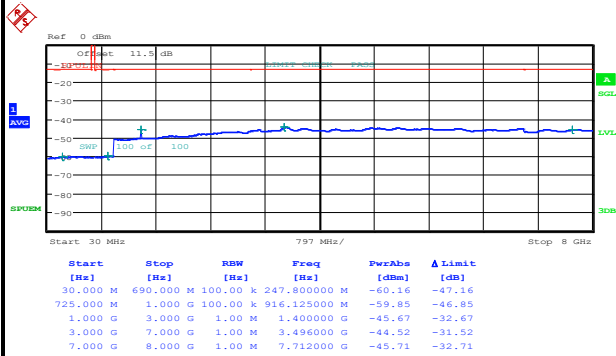


Date: 14.JAN.2015 10:43:22



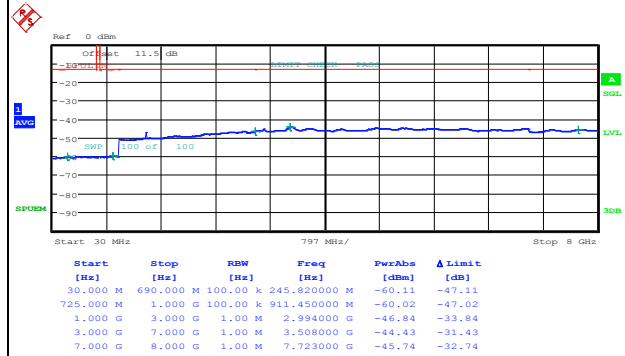
## LTE Band 12 / 5MHz

## Lowest Channel / QPSK



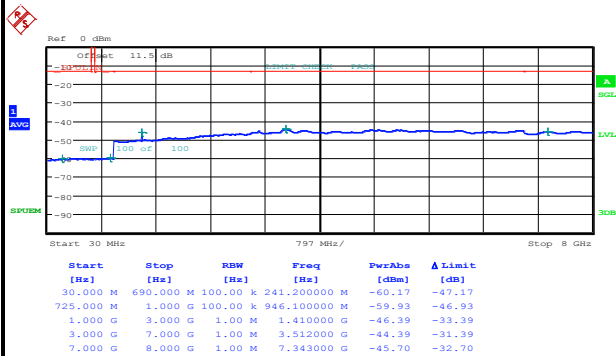
Date: 14.JAN.2015 10:51:01

## Lowest Channel / 16QAM



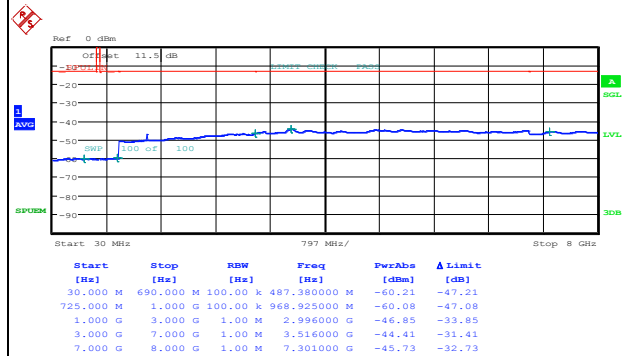
Date: 14.JAN.2015 10:52:18

## Middle Channel / QPSK



Date: 14.JAN.2015 10:56:03

## Middle Channel / 16QAM

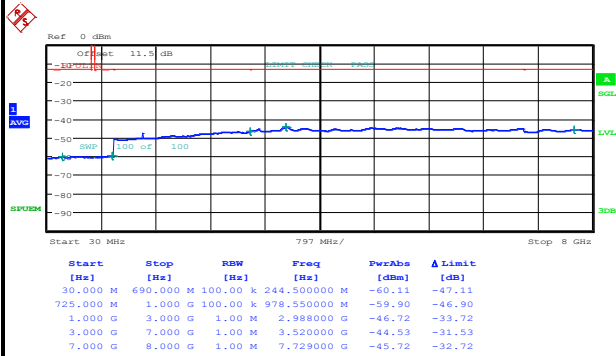


Date: 14.JAN.2015 10:54:47



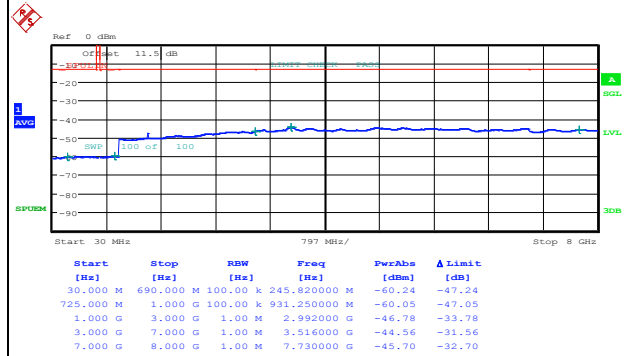
## LTE Band 12 / 5MHz

## Highest Channel / QPSK



Date: 14.JAN.2015 11:04:53

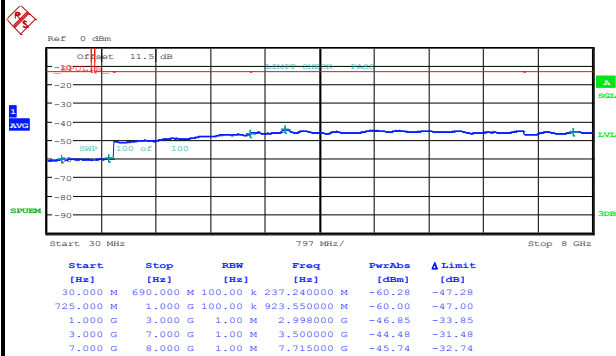
## Highest Channel / 16QAM



Date: 14.JAN.2015 11:03:37

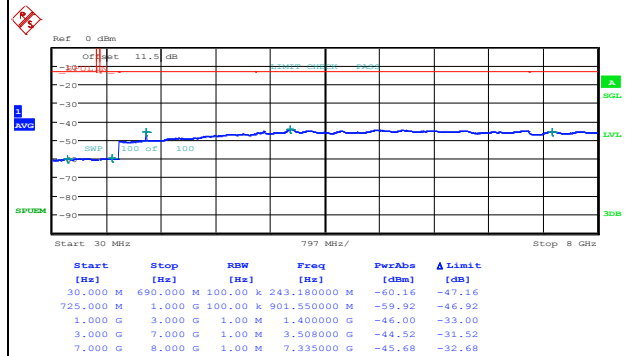
## LTE Band 12 / 10MHz

## Lowest Channel / QPSK



Date: 14.JAN.2015 11:12:36

## Lowest Channel / 16QAM

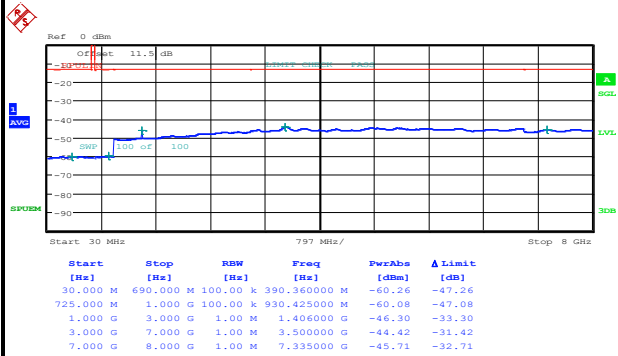


Date: 14.JAN.2015 11:14:52



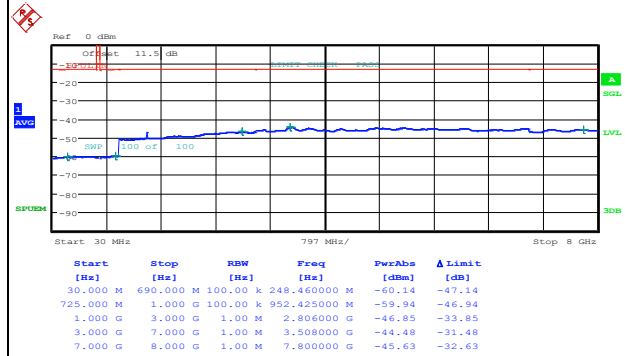
## LTE Band 12 / 10MHz

## Middle Channel / QPSK



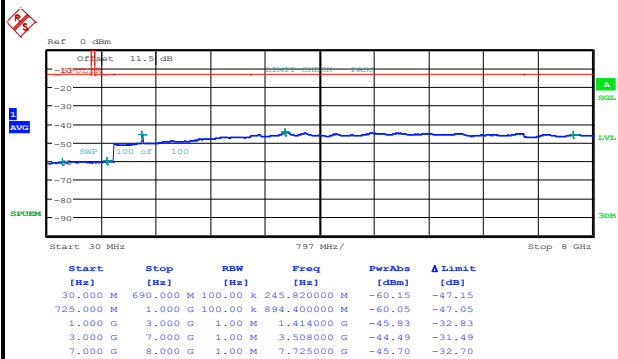
Date: 14.JAN.2015 11:18:37

## Middle Channel / 16QAM



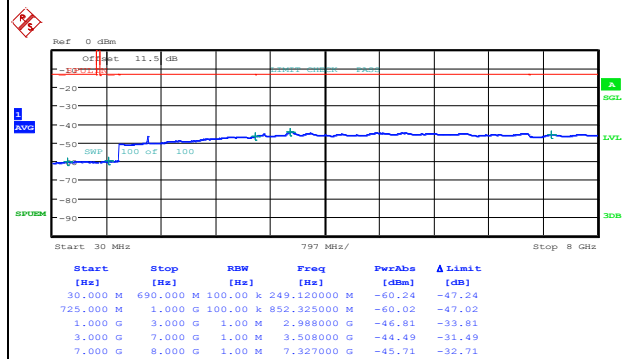
Date: 14.JAN.2015 11:17:21

## Highest Channel / QPSK



Date: 14.JAN.2015 11:28:41

## Highest Channel / 16QAM



Date: 14.JAN.2015 11:29:57

## Frequency Stability

| Test Conditions  |                   | LTE Band 12 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0006                              | PASS    |
| 40               | Normal Voltage    | 0.0124                              |         |
| 30               | Normal Voltage    | 0.0117                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0105                              |         |
| 0                | Normal Voltage    | 0.0000                              |         |
| -10              | Normal Voltage    | 0.0007                              |         |
| -20              | Normal Voltage    | 0.0013                              |         |
| -30              | Normal Voltage    | 0.0134                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0004                              |         |

**Note:**

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage = 4.1 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

| Test Conditions  |                   | LTE Band 12 (QPSK) / Middle Channel  | Limit       |
|------------------|-------------------|--------------------------------------|-------------|
| Temperature (°C) | Voltage (Volt)    | BW 5MHz                              | Within Band |
|                  |                   | Frequency Offset ( $\Delta f$ ) (Hz) | Result      |
| 50               | Normal Voltage    | -0.4                                 | PASS        |
| 40               | Normal Voltage    | 8.8                                  |             |
| 30               | Normal Voltage    | 8.3                                  |             |
| 20(Ref.)         | Normal Voltage    | 0                                    |             |
| 10               | Normal Voltage    | 7.4                                  |             |
| 0                | Normal Voltage    | 0                                    |             |
| -10              | Normal Voltage    | 0.5                                  |             |
| -20              | Normal Voltage    | 0.9                                  |             |
| -30              | Normal Voltage    | 9.5                                  |             |
| 20               | Maximum Voltage   | -0.3                                 |             |
| 20               | Normal Voltage    | 0                                    |             |
| 20               | Battery End Point | 0.3                                  |             |

$|\text{MAX}(\Delta f)| = 9.5\text{Hz}$

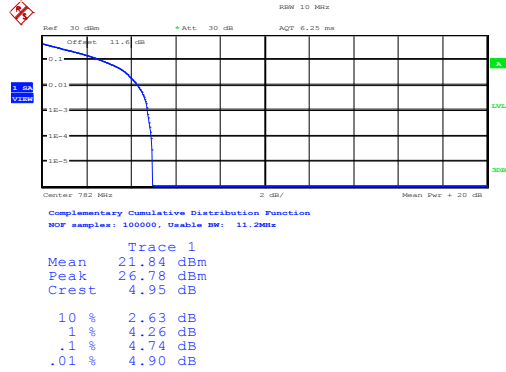
| Frequency Stability            | Frequency (MHz) | Limit Line             | Result |
|--------------------------------|-----------------|------------------------|--------|
| $f_L -  \text{MAX}(\Delta f) $ | 699.119994      | $\geq 698 \text{ MHz}$ | PASS   |
| $f_H +  \text{MAX}(\Delta f) $ | 715.875006      | $\leq 716 \text{ MHz}$ |        |



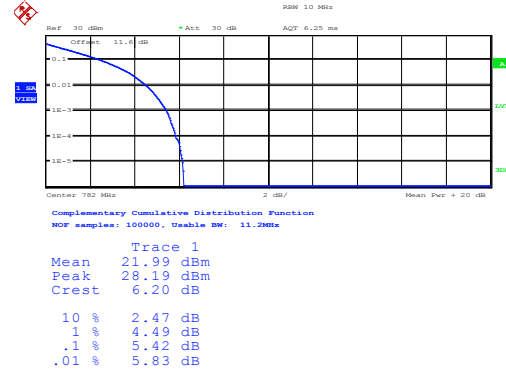
## LTE Band 13

### Peak-to-Average Ratio

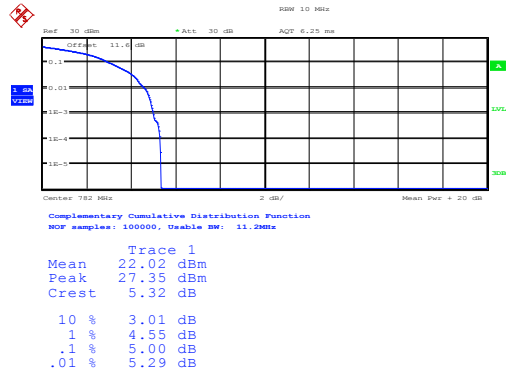
| Mode       | LTE Band 13 / 10MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | RB Size | Result      |
| Lowest CH  | -                   | -       | -     | -       | PASS        |
| Middle CH  | 4.74                | 5.42    | 5     | 5.71    |             |
| Highest CH | -                   | -       | -     | -       |             |

**LTE Band 13 / 10MHz / QPSK**
**Middle Channel/ 1RB**


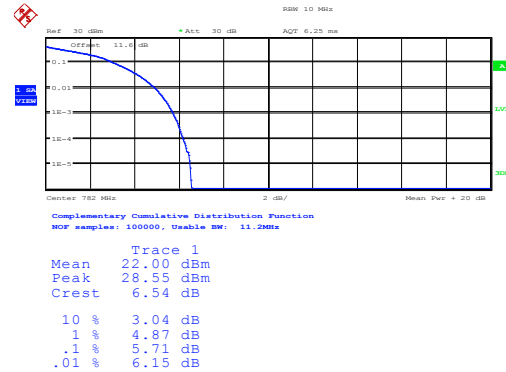
Date: 12.JAN.2015 17:00:41

**Middle Channel / Full RB**


Date: 12.JAN.2015 17:02:27

**LTE Band 13 / 10MHz / 16QAM**
**Middle Channel/ 1RB**


Date: 12.JAN.2015 16:59:59

**Middle Channel / Full RB**


Date: 12.JAN.2015 17:00:23

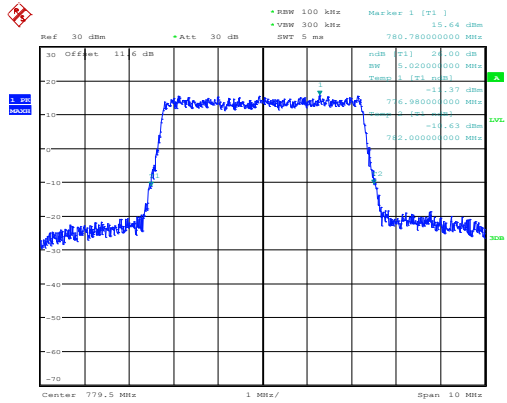


**26dB Bandwidth**

| Mode       | LTE Band 13 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|----------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                     |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                       | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                          | -     | -    | -     | 5.02 | 4.97  | -     | -     | -     | -     | -     | -     |
| Middle CH  | -                          | -     | -    | -     | 4.97 | 4.99  | 10.1  | 10    | -     | -     | -     | -     |
| Highest CH | -                          | -     | -    | -     | 4.95 | 4.96  | -     | -     | -     | -     | -     | -     |

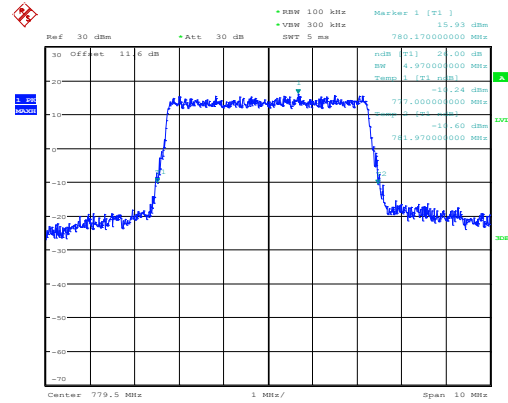
## LTE Band 13

### Lowest Channel / 5MHz / QPSK



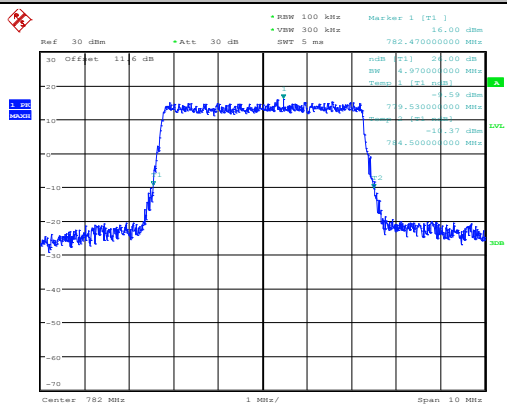
Date: 12.JAN.2015 16:47:30

**Lowest Channel / 5MHz / 16QAM**



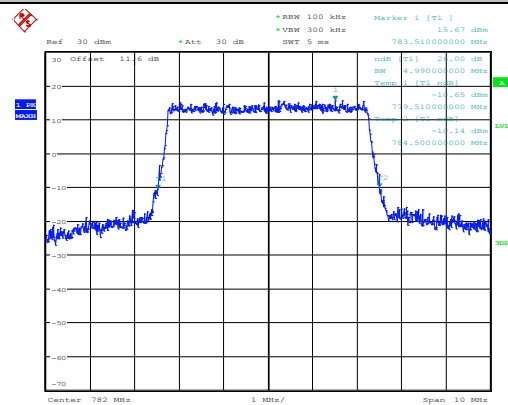
Date: 12.JAN.2015 16:47:18

## Middle Channel / 5MHz / QPSK



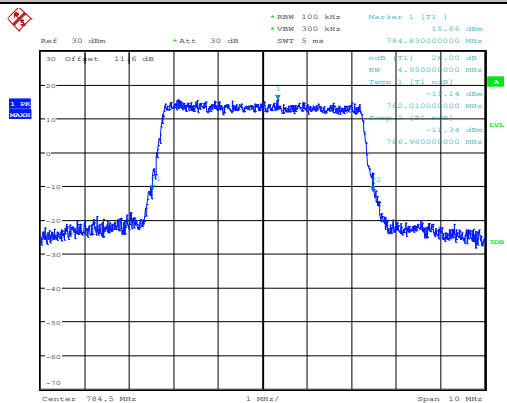
Date: 12.JAN.2015 16:52:24

### Middle Channel / 5MHz / 16QAM



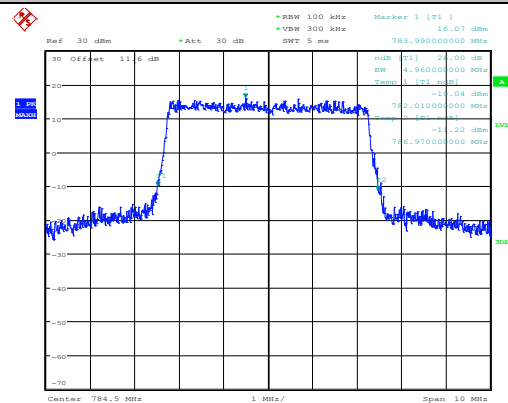
Date: 12.JAN.2015 16:52:36

### Highest Channel / 5MHz / QPSK



Date: 12.JAN.2015 16:53:45

### Highest Channel / 5MHz / 16QAM

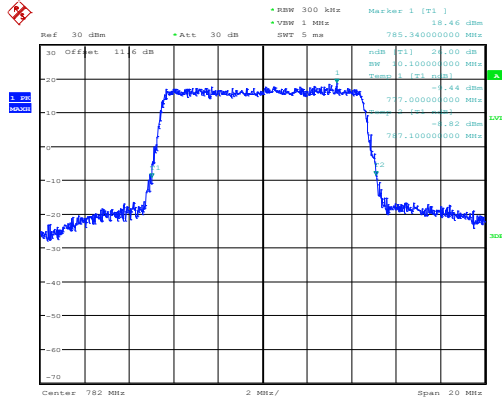


Date: 12.JAN.2015 16:53:32



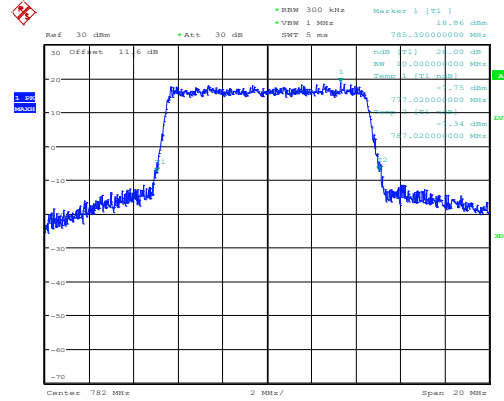
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 12.JAN.2015 16:56:56

Middle Channel / 10MHz / 16QAM



Date: 12.JAN.2015 16:56:43

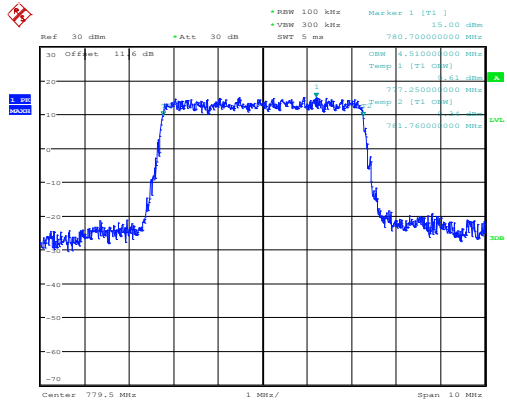


## Occupied Bandwidth

| Mode       | LTE Band 13 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 4.51 | 4.51  | -     | -     | -     | -     | -     | -     |
| Middle CH  | -                         | -     | -    | -     | 4.5  | 4.51  | 9.08  | 9.04  | -     | -     | -     | -     |
| Highest CH | -                         | -     | -    | -     | 4.51 | 4.51  | -     | -     | -     | -     | -     | -     |

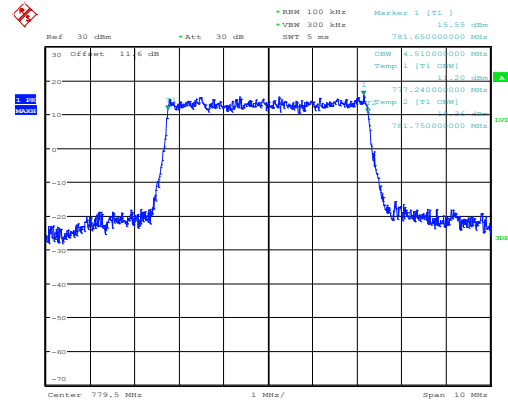
## LTE Band 13

## Lowest Channel / 5MHz / QPSK



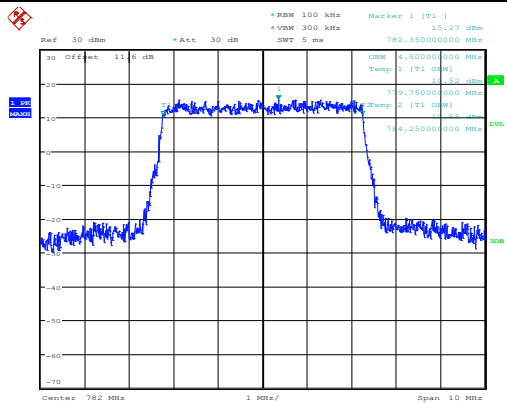
Date: 12.JAN.2015 16:46:54

**Lowest Channel / 5MHz / 16QAM**



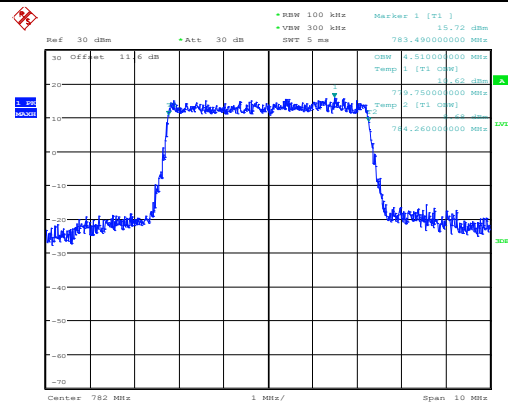
Date: 12.JAN.2015 16:47:05

## Middle Channel / 5MHz / QPSK



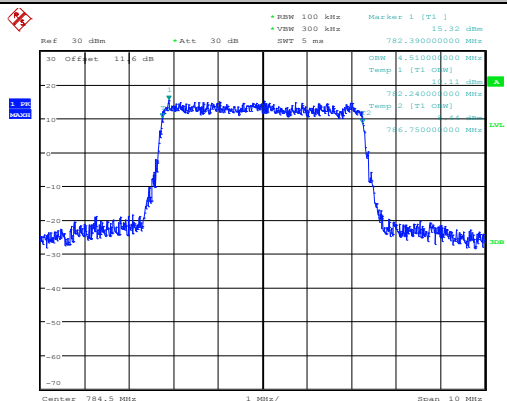
Date: 12.JAN.2015 16:52:58

### Middle Channel / 5MHz / 16QAM



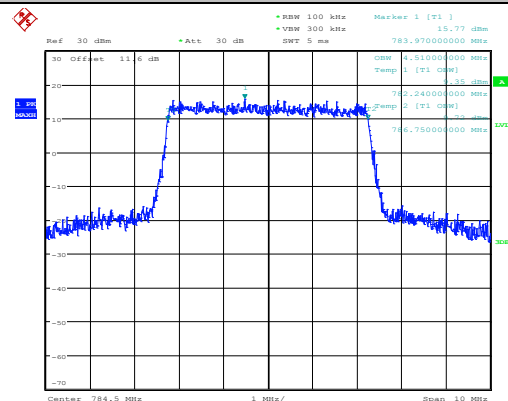
Date: 12.JAN.2015 16:52:47

### Highest Channel / 5MHz / QPSK



Date: 12.JAN.2015 16:53:09

### Highest Channel / 5MHz / 16QAM

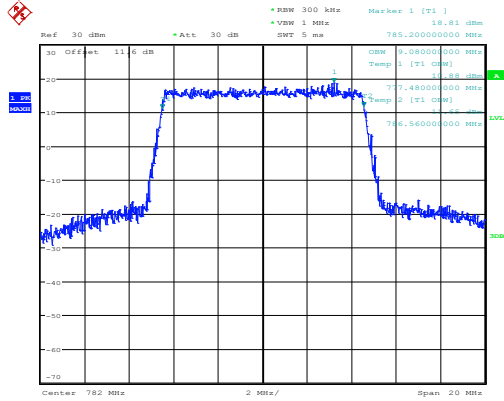


Date: 12.JAN.2015 16:53:19



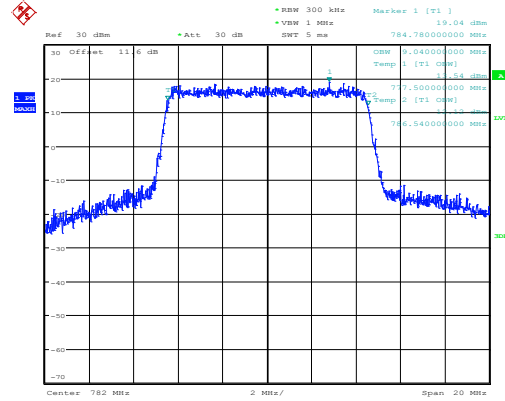
LTE Band 13

Middle Channel / 10MHz / QPSK



Date: 12.JAN.2015 16:56:20

Middle Channel / 10MHz / 16QAM



Date: 12.JAN.2015 16:56:30