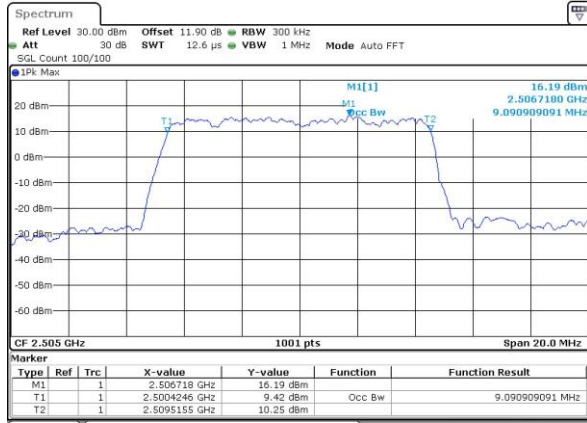




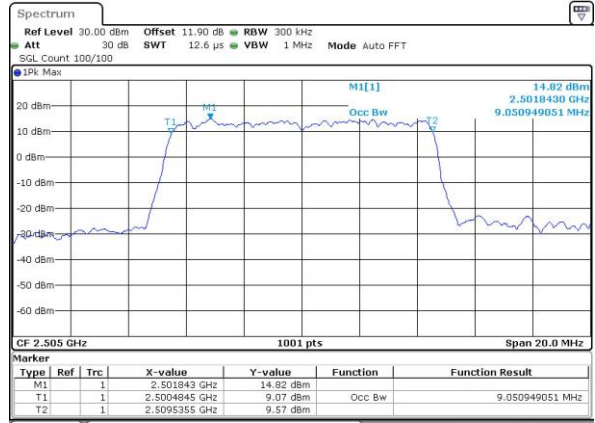
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



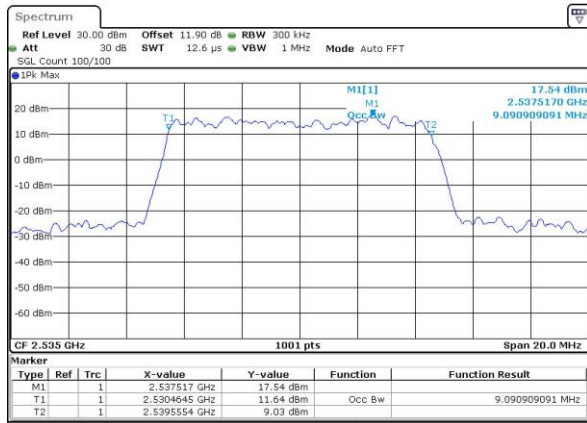
Date: 3,NOV,2016 14:39:58

## Lowest Channel / 10MHz / 16QAM



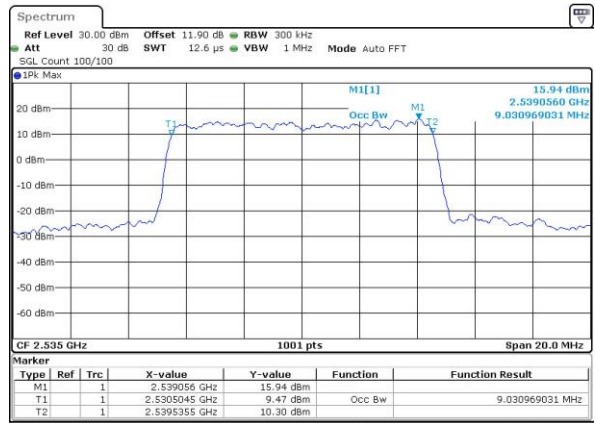
Date: 3,NOV,2016 14:40:09

## Middle Channel / 10MHz / QPSK



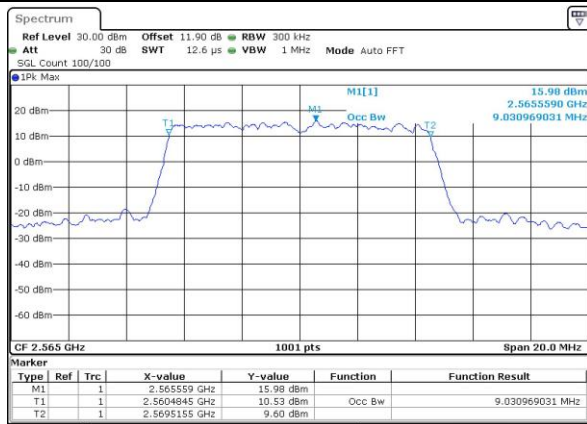
Date: 3,NOV,2016 14:47:21

## Middle Channel / 10MHz / 16QAM



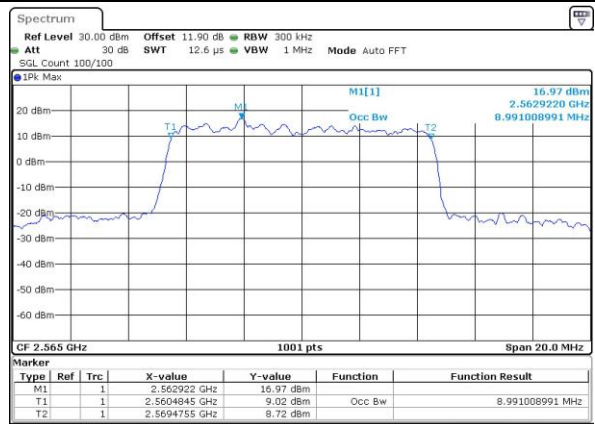
Date: 3,NOV,2016 14:47:32

## Highest Channel / 10MHz / QPSK



Date: 3,NOV,2016 14:50:03

## Highest Channel / 10MHz / 16QAM

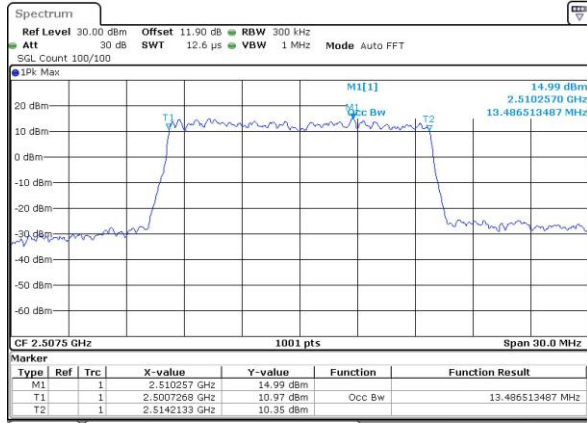


Date: 3,NOV,2016 14:50:15



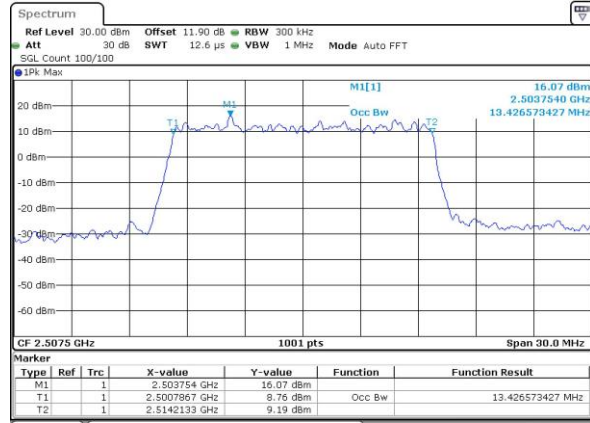
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



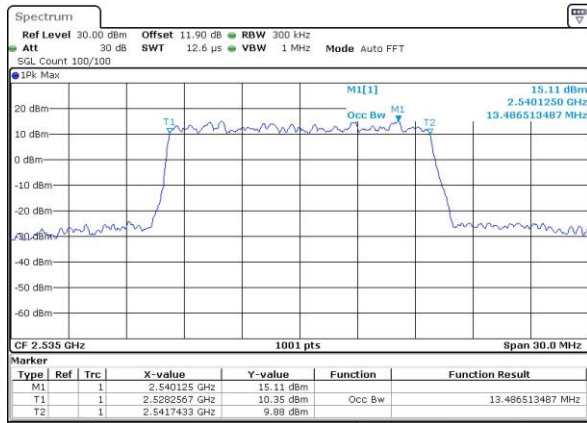
Date: 3,NOV,2016 14:57:27

## Lowest Channel / 15MHz / 16QAM



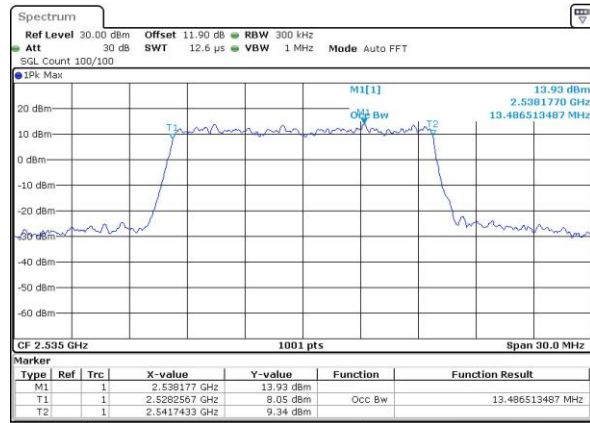
Date: 3,NOV,2016 14:57:39

## Middle Channel / 15MHz / QPSK



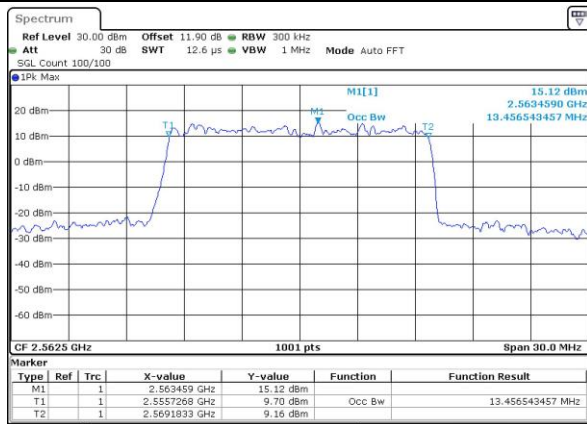
Date: 3,NOV,2016 15:04:50

## Middle Channel / 15MHz / 16QAM



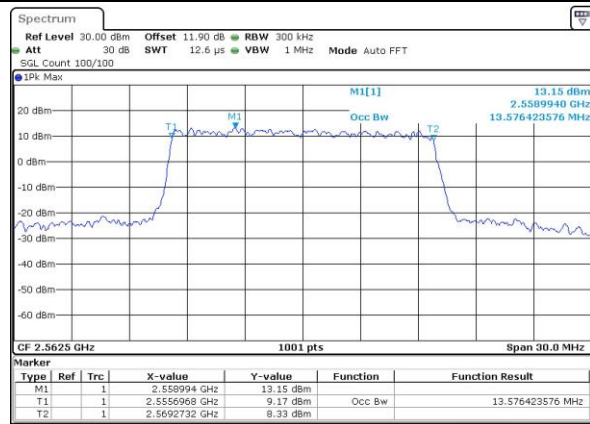
Date: 3,NOV,2016 15:05:01

## Highest Channel / 15MHz / QPSK



Date: 3,NOV,2016 15:07:33

## Highest Channel / 15MHz / 16QAM

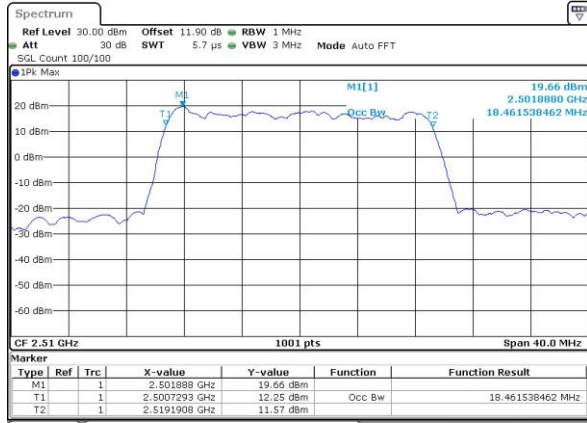


Date: 3,NOV,2016 15:07:44

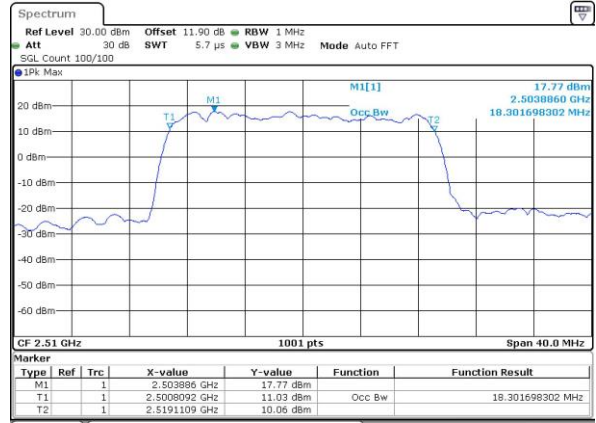


## LTE Band 7

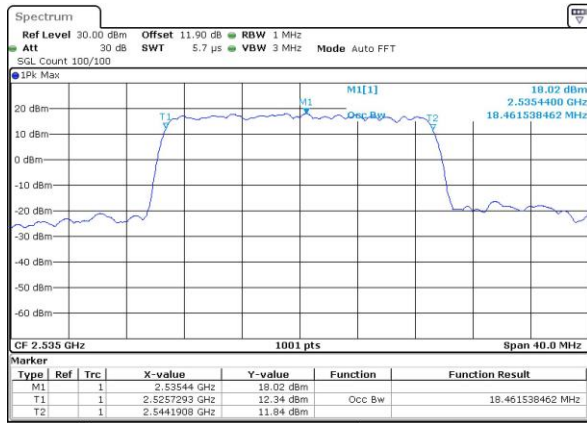
## Lowest Channel / 20MHz / QPSK



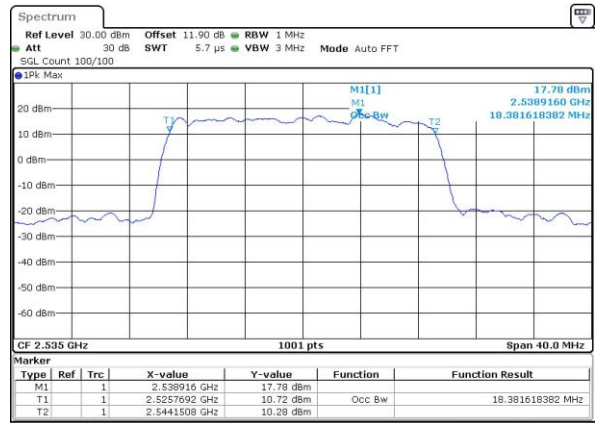
## Lowest Channel / 20MHz / 16QAM



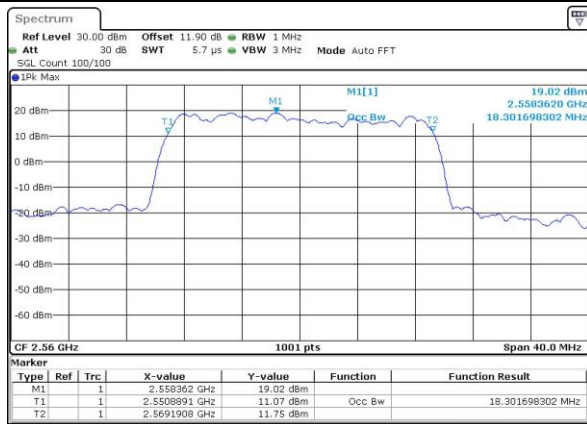
## Middle Channel / 20MHz / QPSK



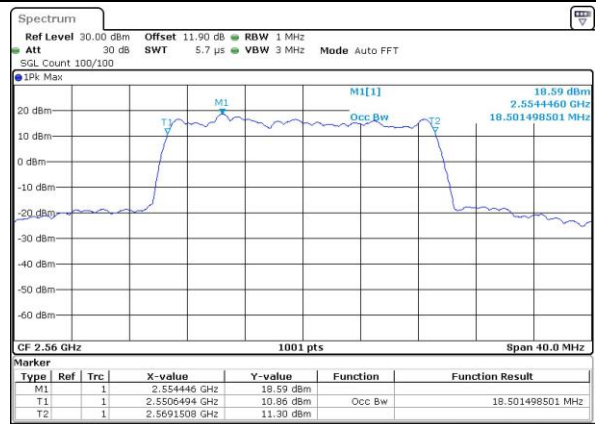
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM

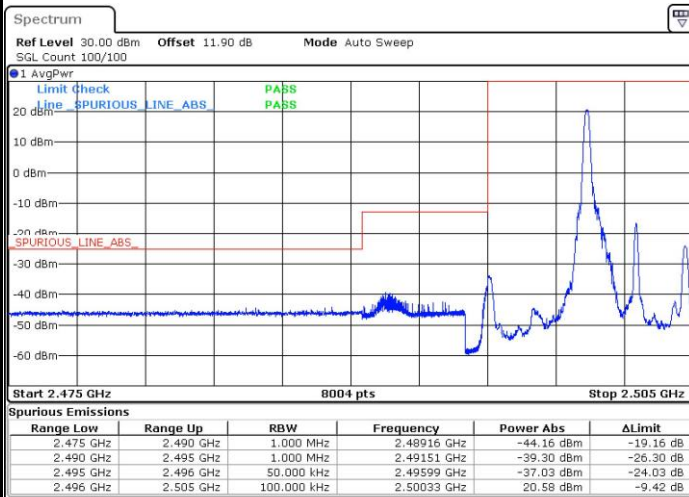




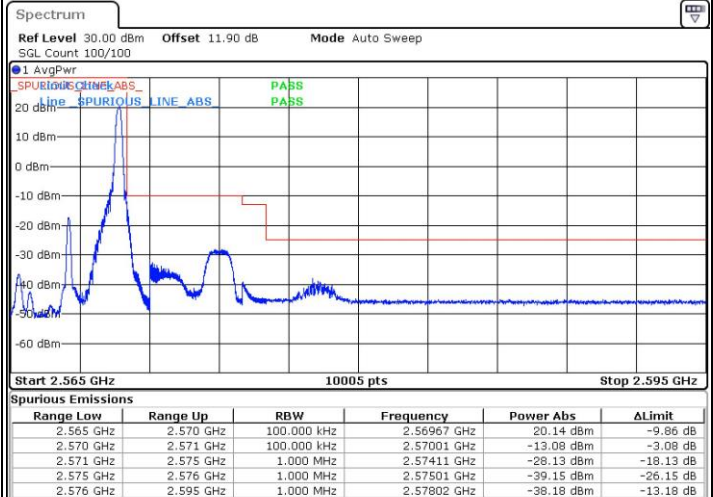
# Conducted Band Edge

## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



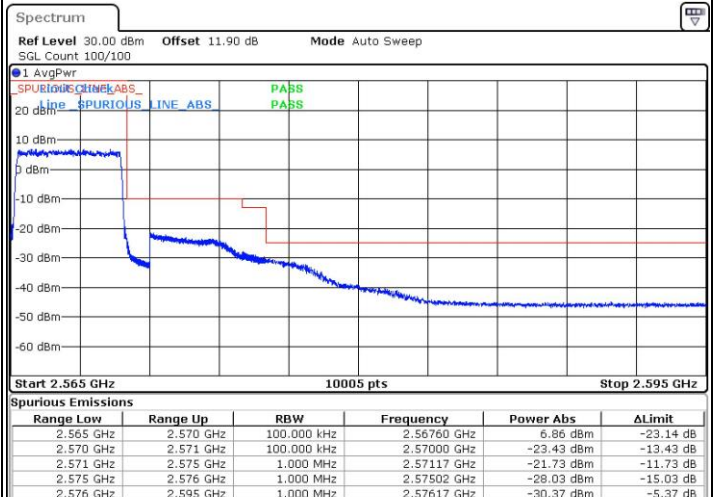
### Highest Band Edge / 1 RB



### Lowest Band Edge / Full RB



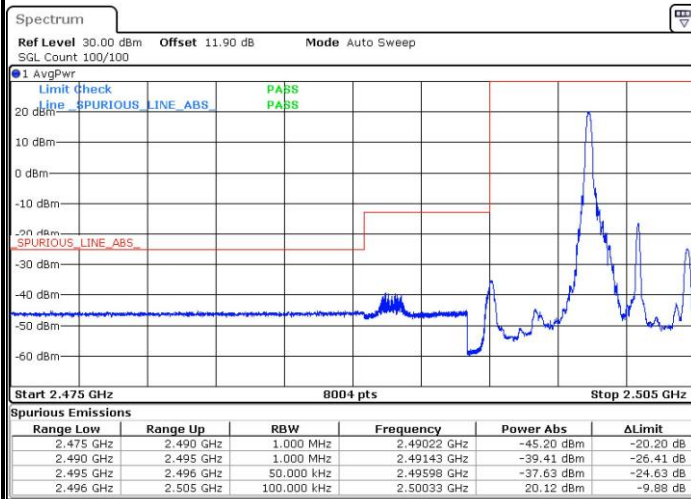
### Highest Band Edge / Full RB



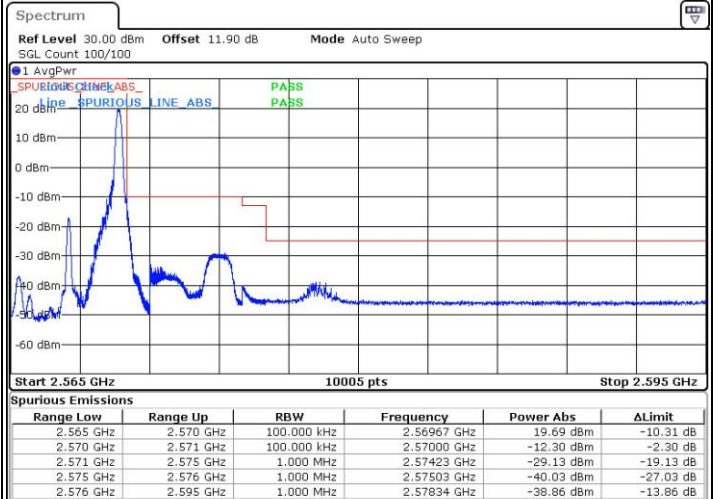


## LTE Band 7 / 5MHz / 16QAM

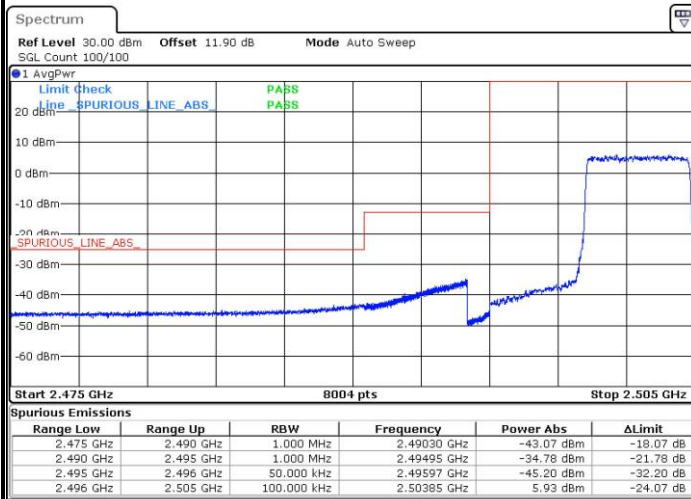
## Lowest Band Edge / 1 RB



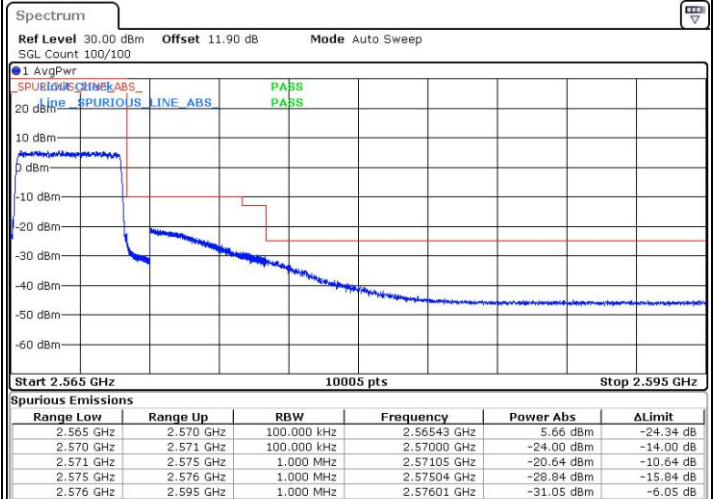
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

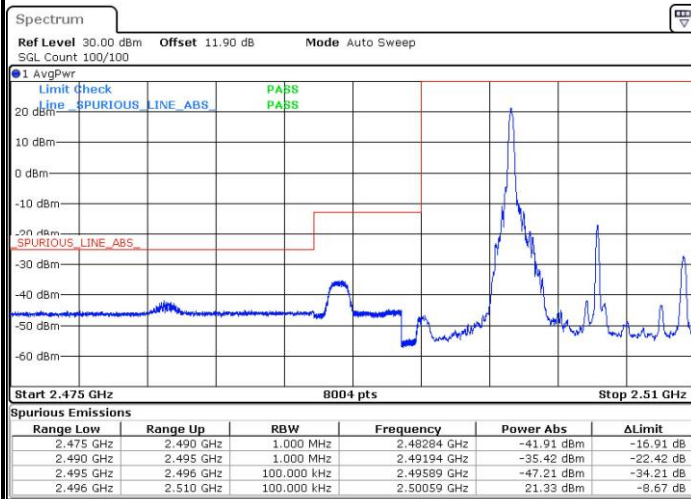




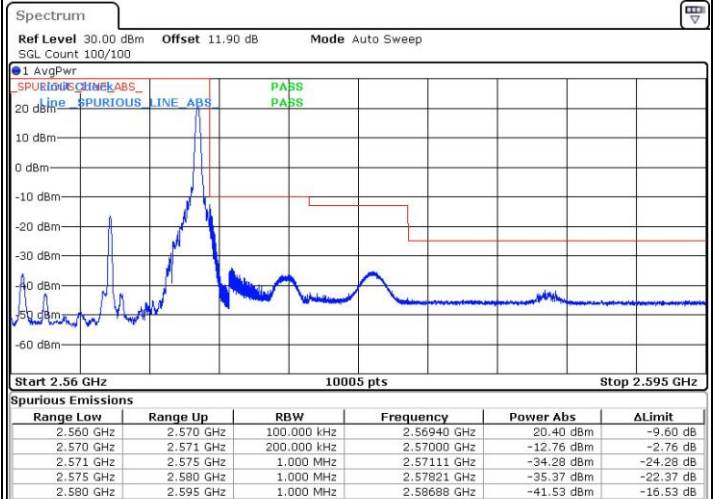


## LTE Band 7 / 10MHz / QPSK

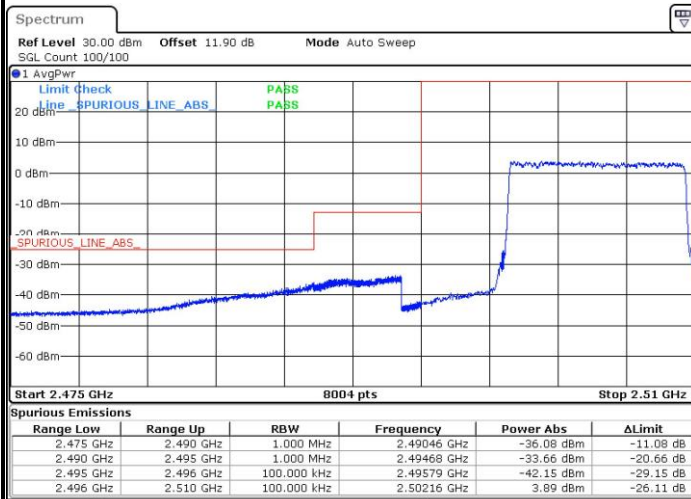
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



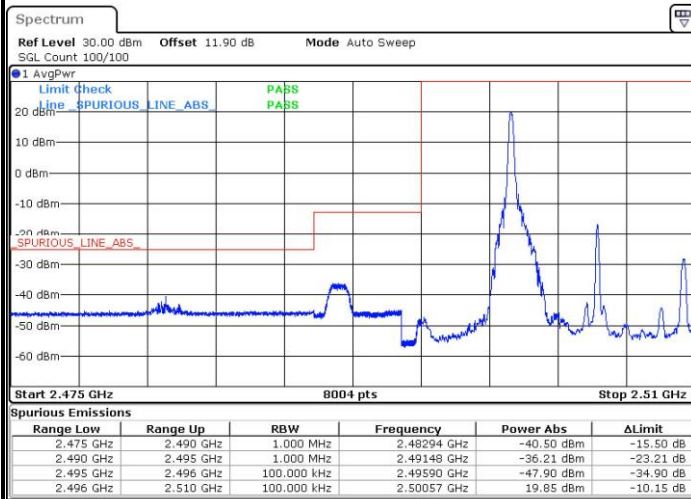
## Highest Band Edge / Full RB



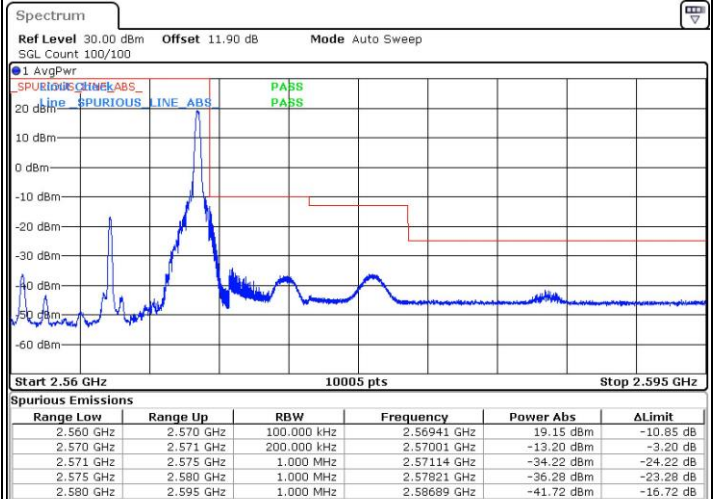


## LTE Band 7 / 10MHz / 16QAM

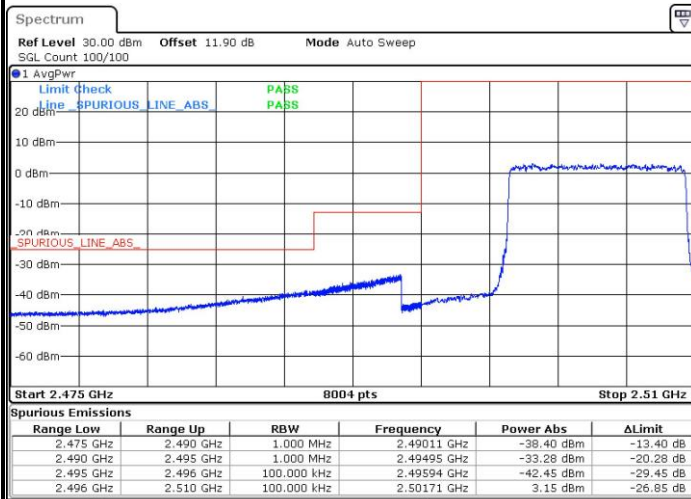
## Lowest Band Edge / 1 RB



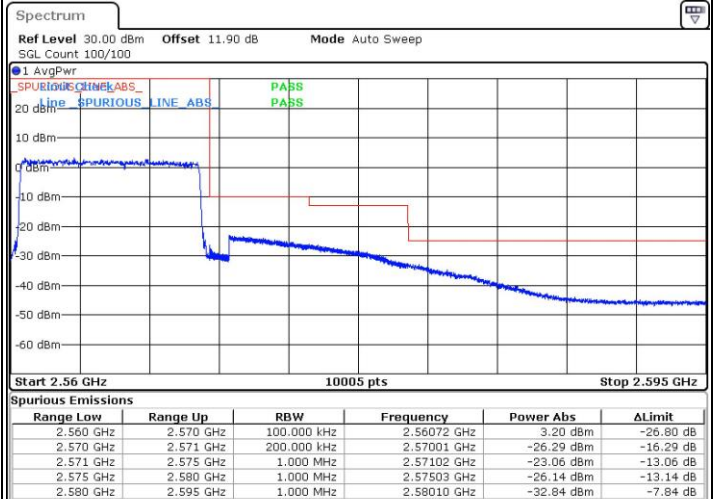
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



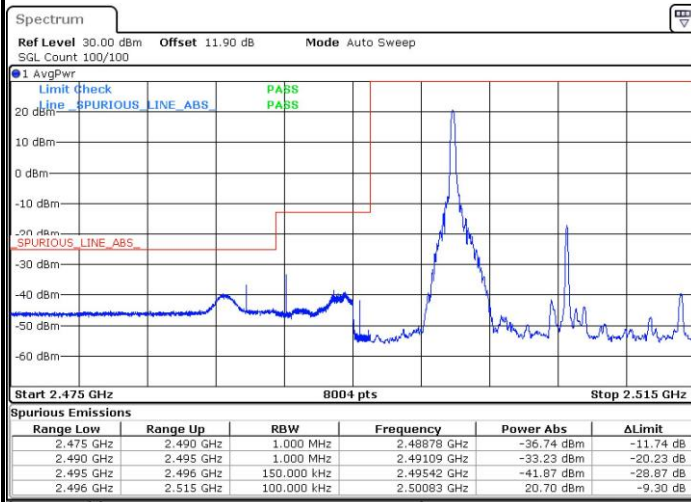
## Highest Band Edge / Full RB



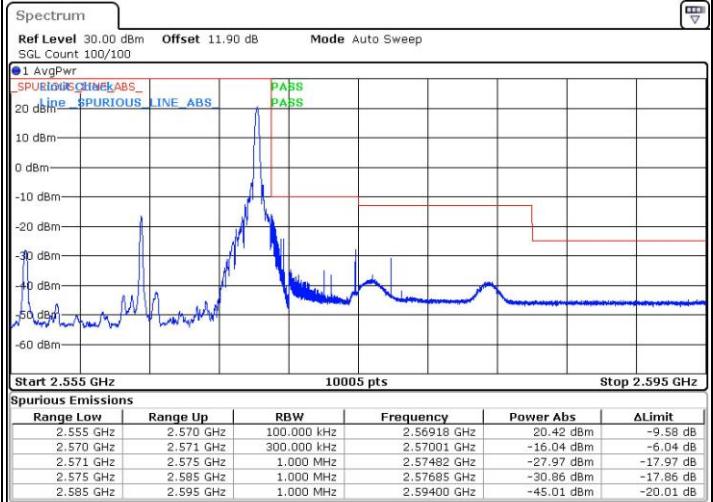


## LTE Band 7 / 15MHz / QPSK

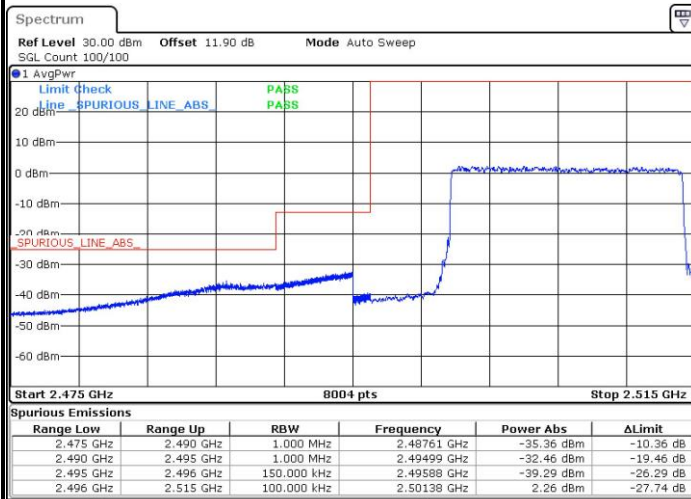
## Lowest Band Edge / 1 RB



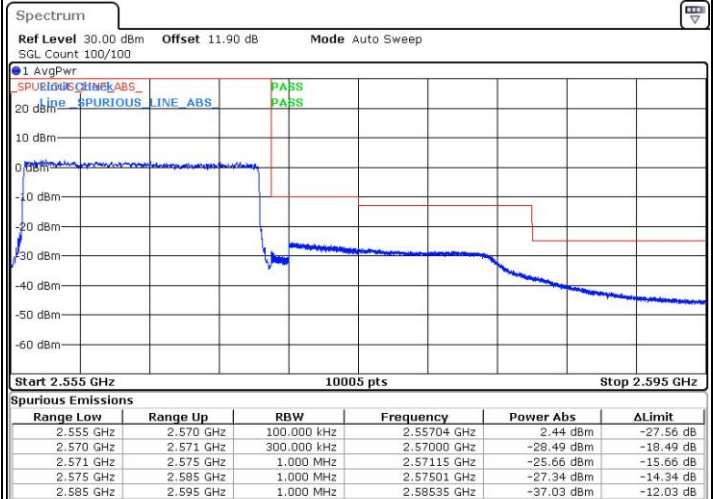
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

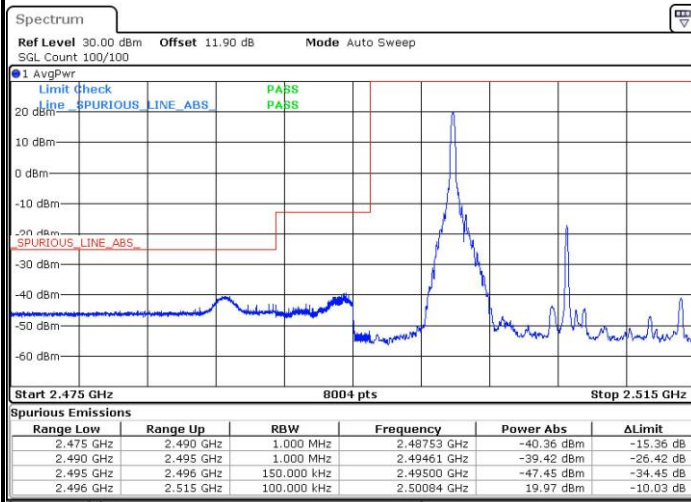




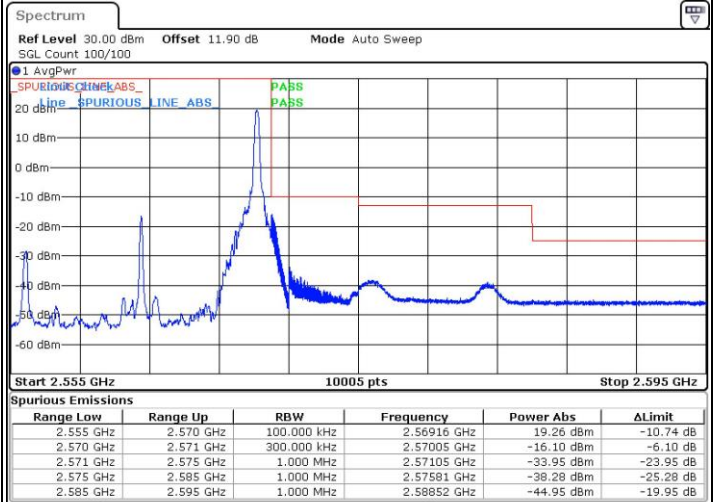


## LTE Band 7 / 15MHz / 16QAM

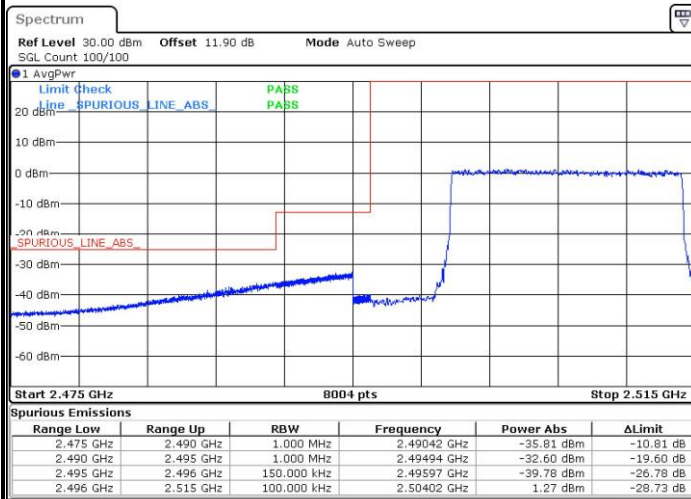
## Lowest Band Edge / 1 RB



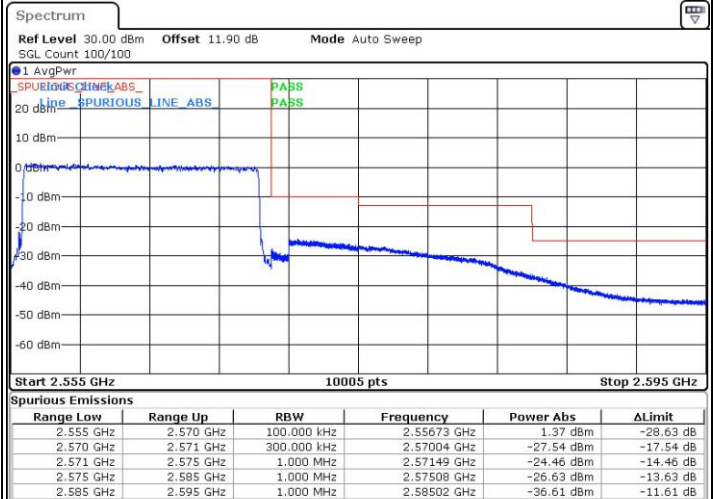
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



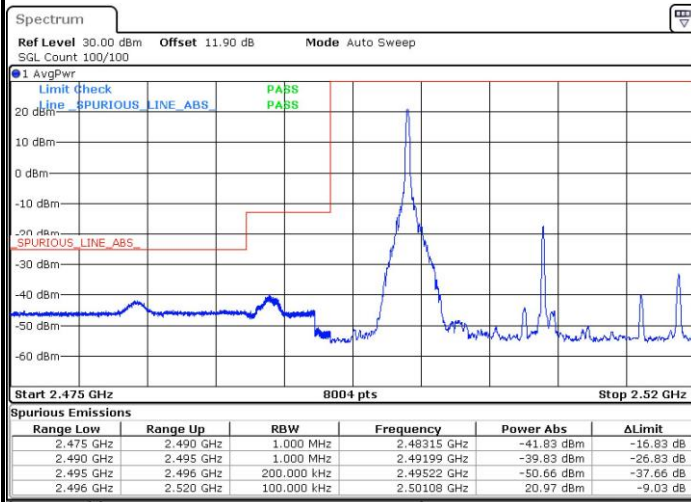
## Highest Band Edge / Full RB



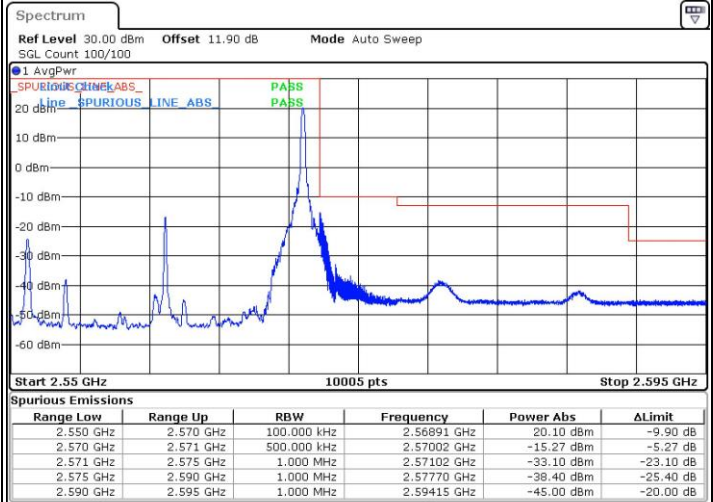


## LTE Band 7 / 20MHz / QPSK

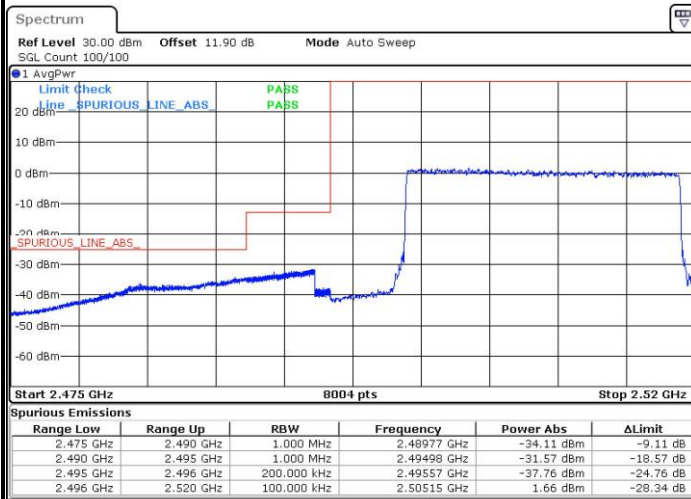
## Lowest Band Edge / 1 RB



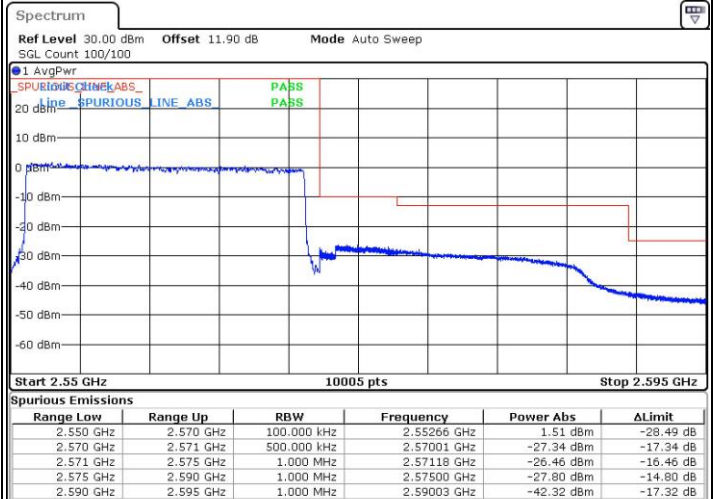
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



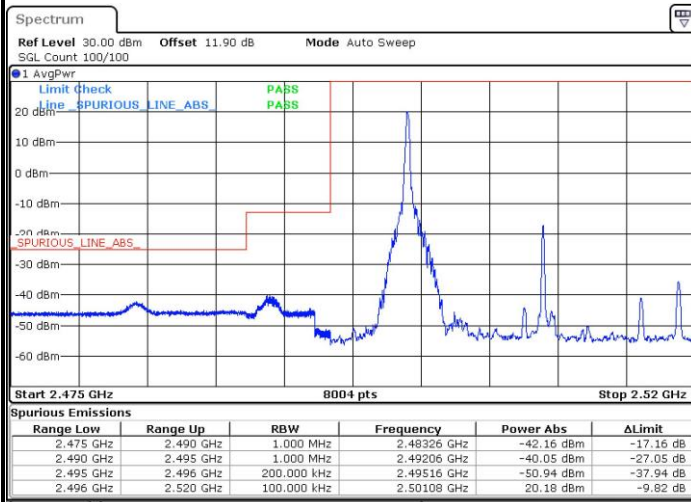
## Highest Band Edge / Full RB



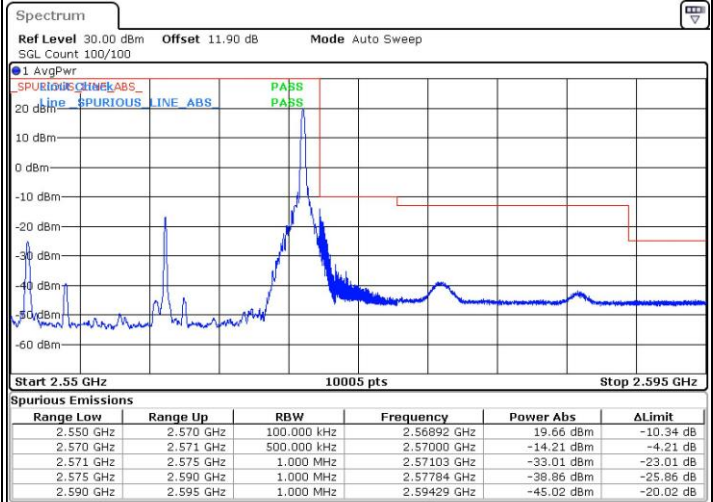


## LTE Band 7 / 20MHz / 16QAM

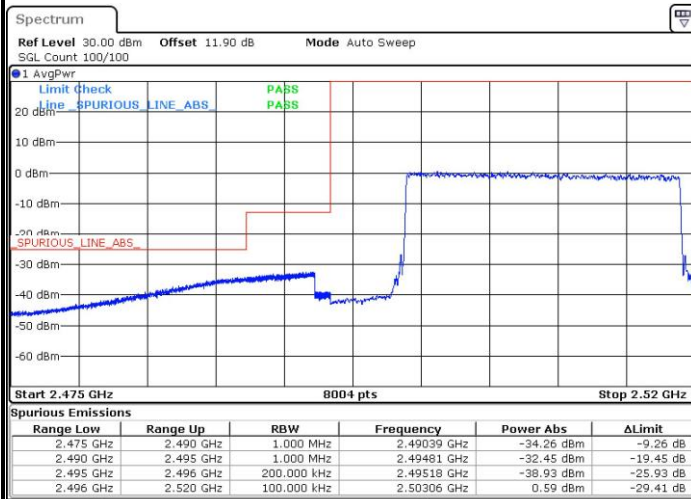
## Lowest Band Edge / 1 RB



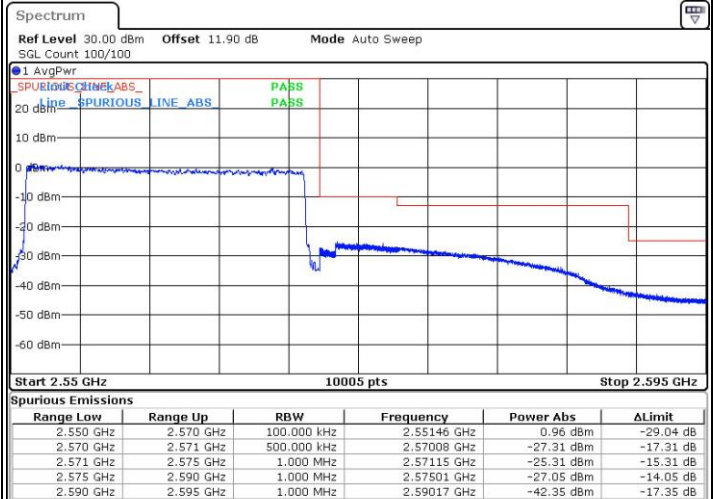
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

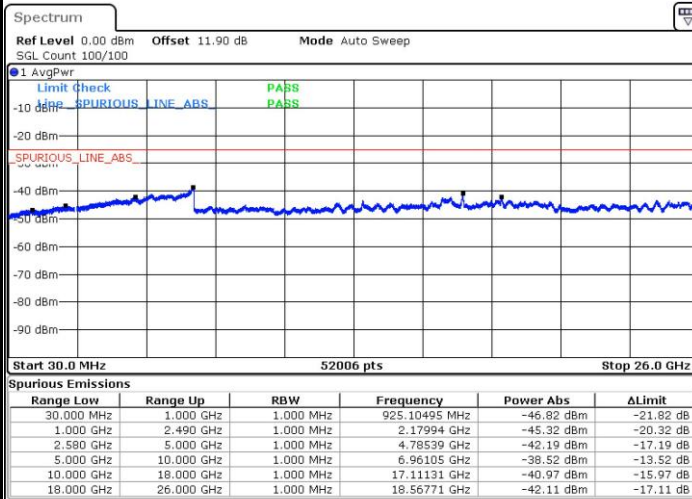




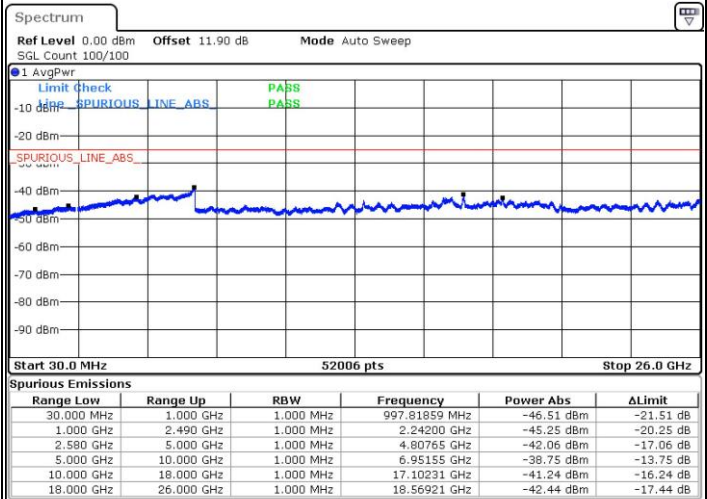
# Conducted Spurious Emission

## LTE Band 7 / 5MHz

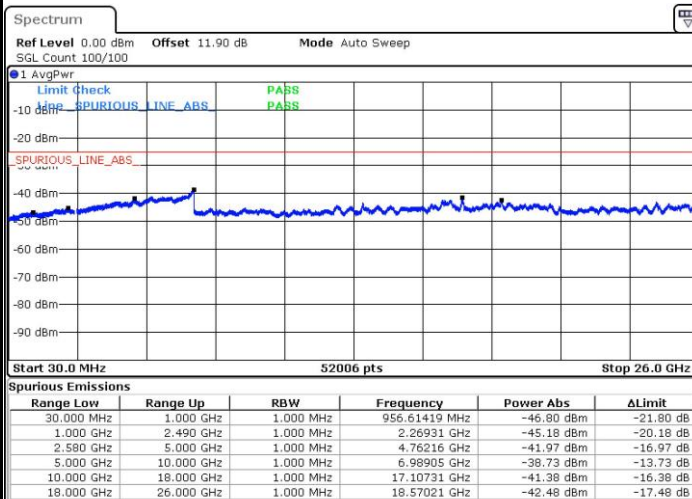
### Lowest Channel / QPSK



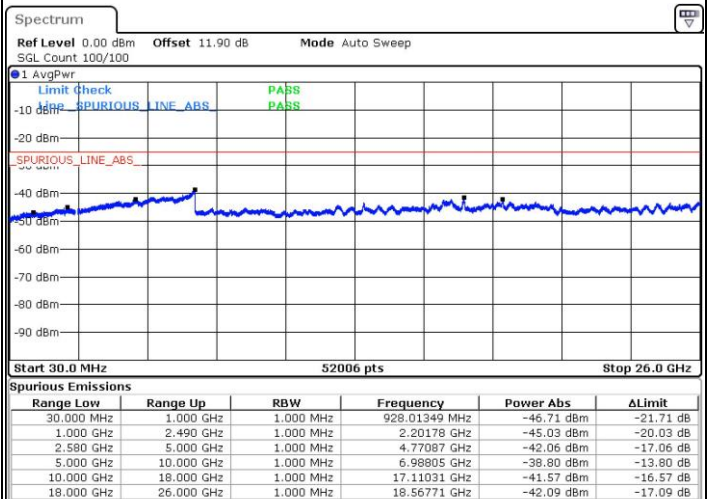
### Lowest Channel / 16QAM



### Middle Channel / QPSK



### Middle Channel / 16QAM

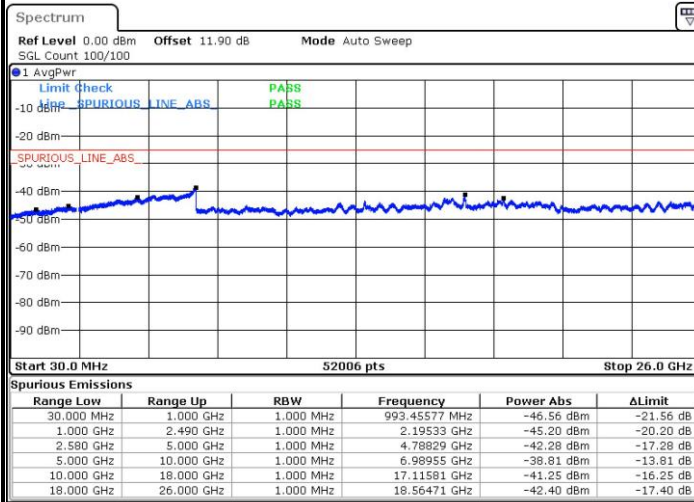






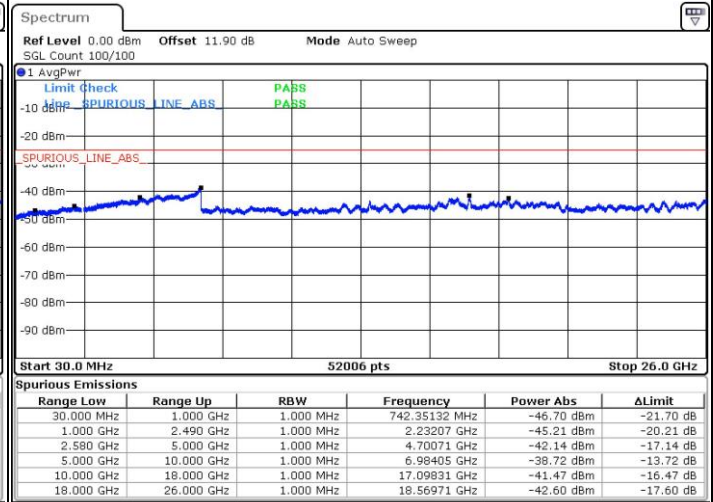
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 3.NOV.2016 14:38:47

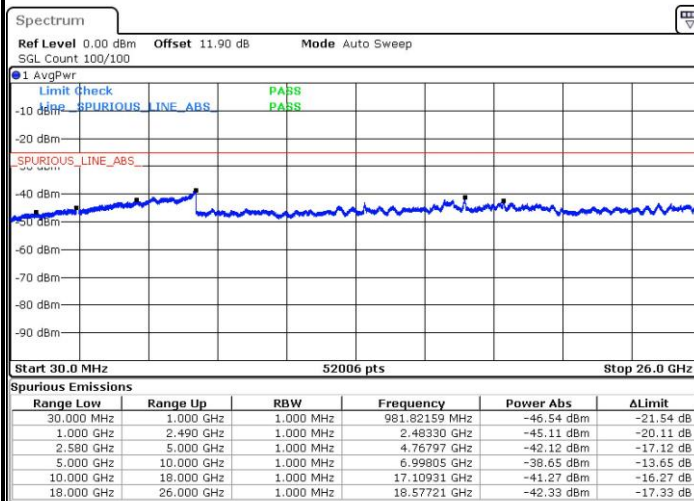
## Highest Channel / 16QAM



Date: 3.NOV.2016 14:39:45

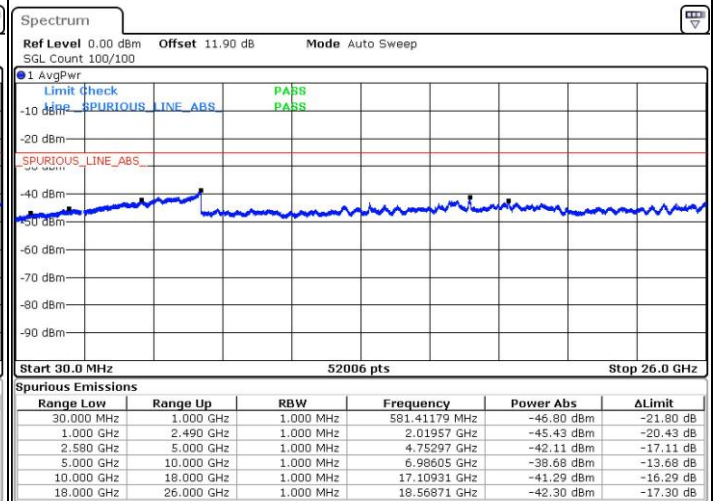
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 3.NOV.2016 14:46:10

## Lowest Channel / 16QAM

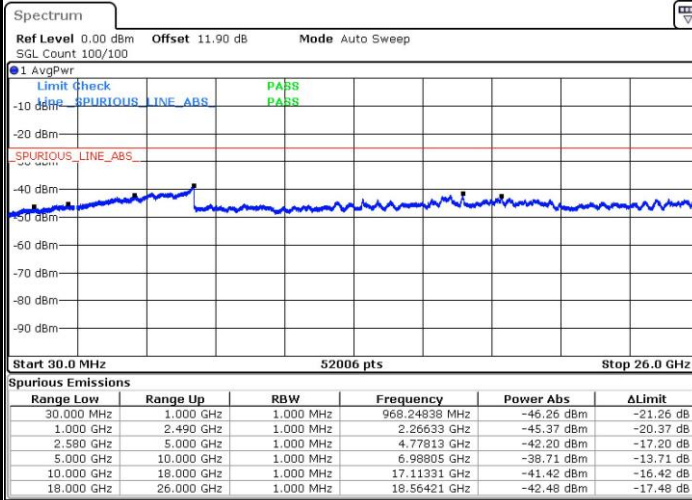


Date: 3.NOV.2016 14:47:08



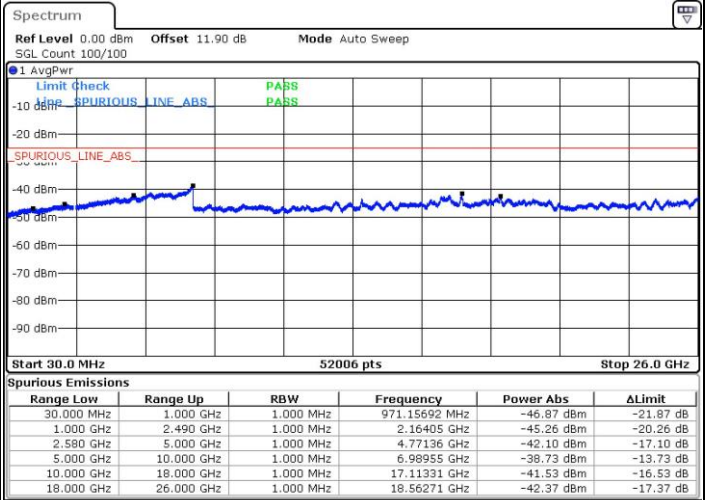
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



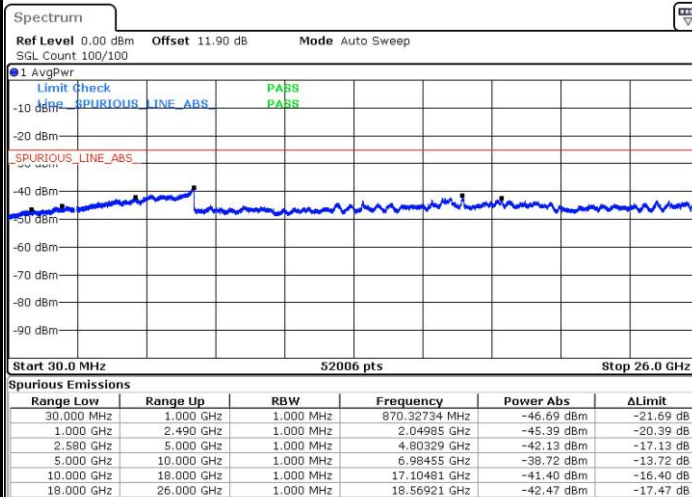
Date: 3.NOV.2016 14:48:52

## Middle Channel / 16QAM



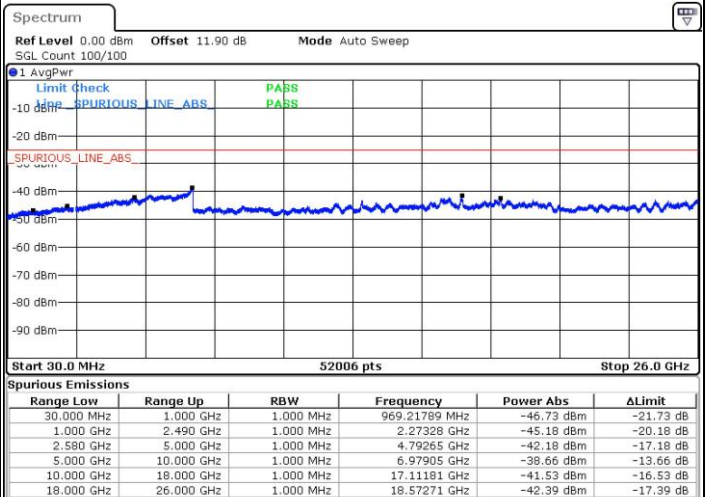
Date: 3.NOV.2016 14:49:50

## Highest Channel / QPSK



Date: 3.NOV.2016 14:56:16

## Highest Channel / 16QAM

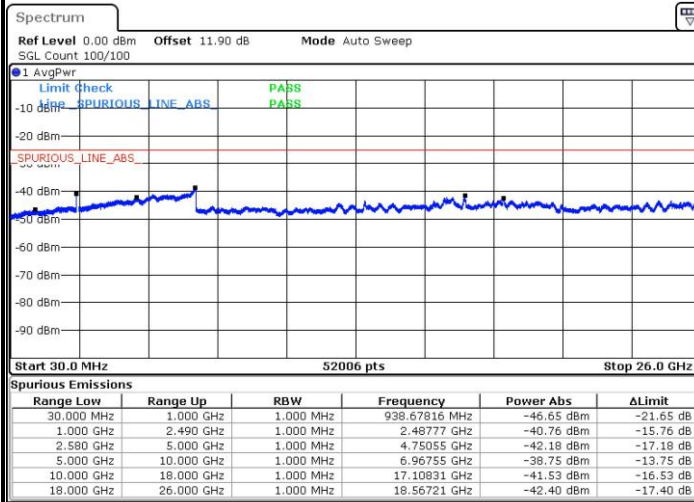


Date: 3.NOV.2016 14:57:14



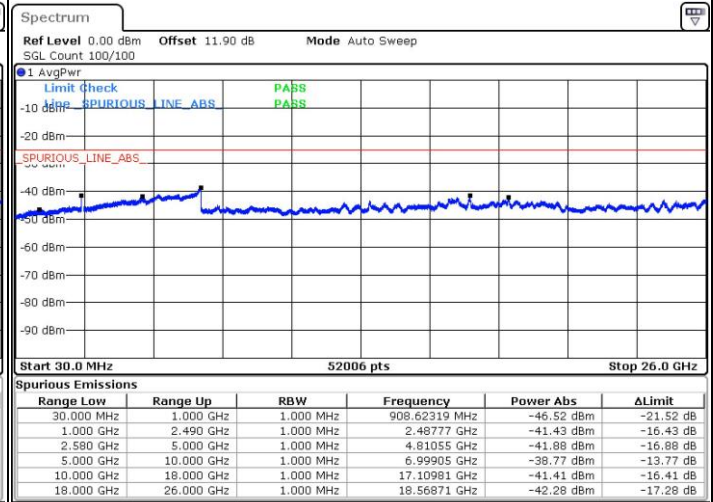
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



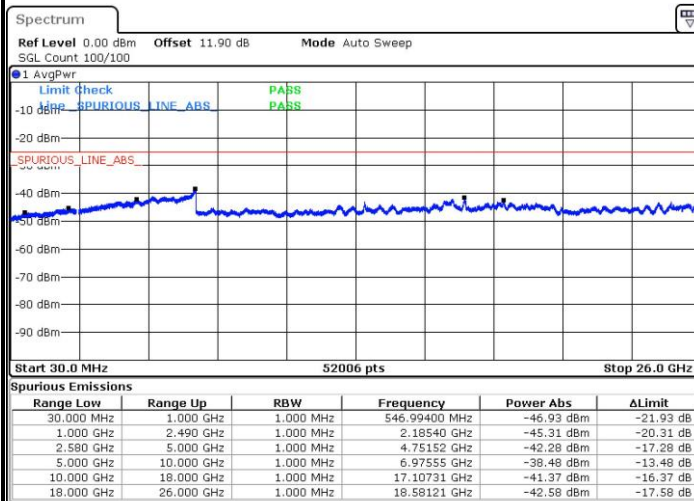
Date: 3.NOV.2016 15:03:39

## Lowest Channel / 16QAM



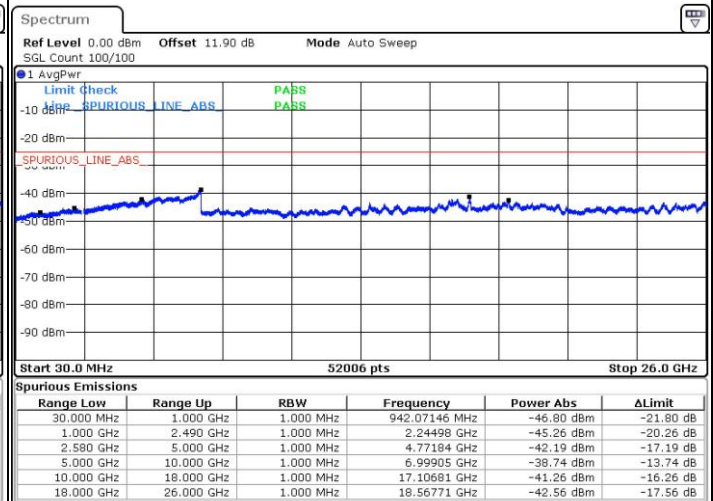
Date: 3.NOV.2016 15:04:37

## Middle Channel / QPSK



Date: 3.NOV.2016 15:06:21

## Middle Channel / 16QAM

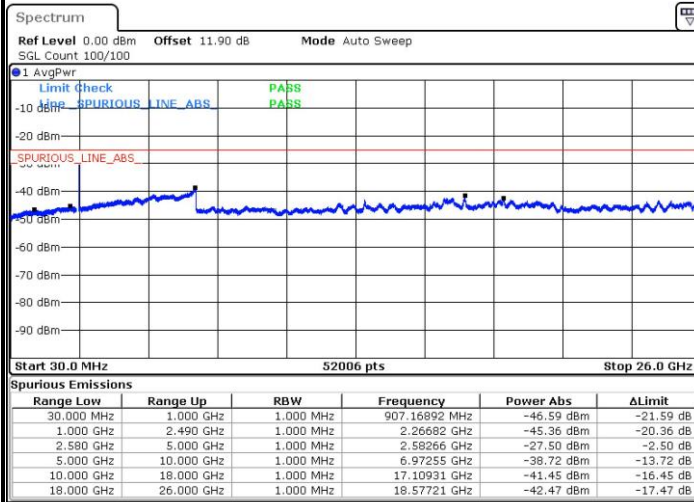


Date: 3.NOV.2016 15:07:19



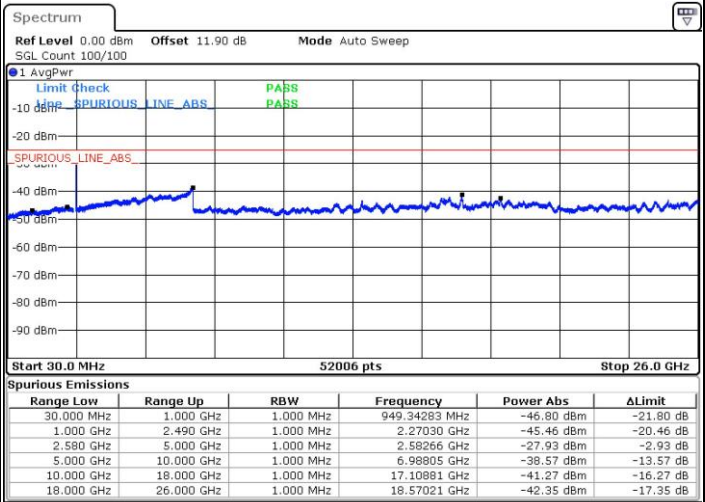
## LTE Band 7 / 15MHz

## Highest Channel / QPSK



Date: 3.NOV.2016 15:13:45

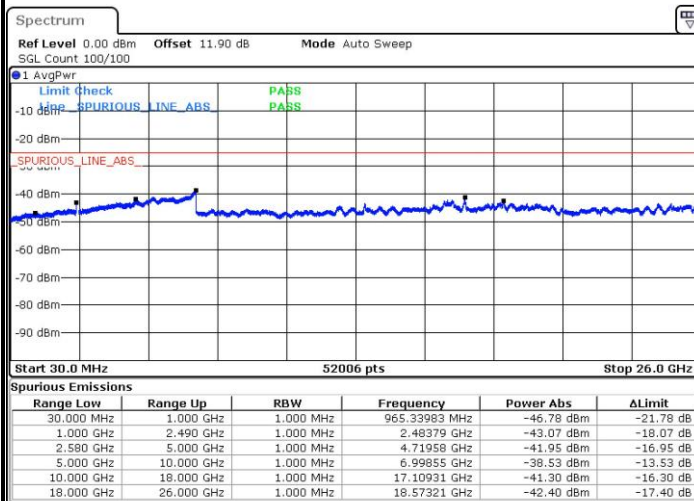
## Highest Channel / 16QAM



Date: 3.NOV.2016 15:14:43

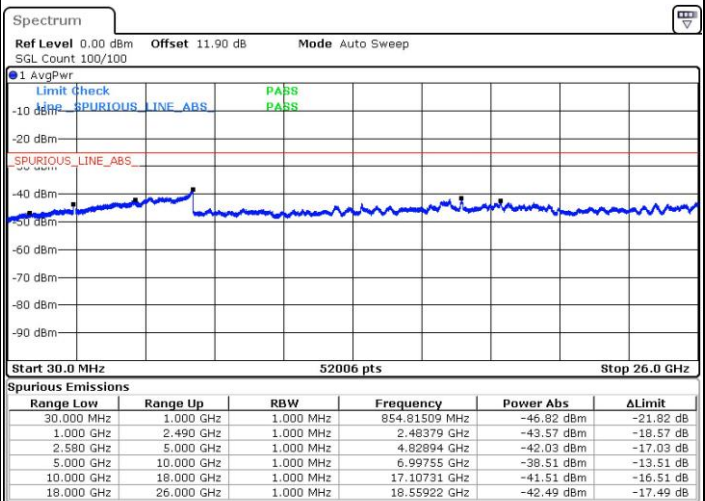
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 3.NOV.2016 15:21:07

## Lowest Channel / 16QAM



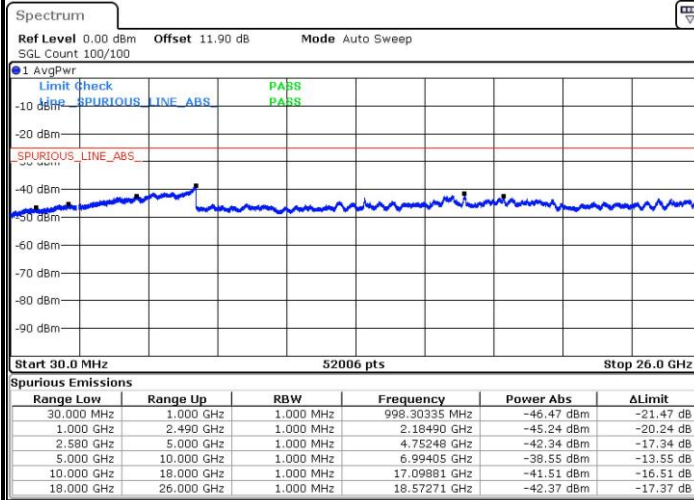
Date: 3.NOV.2016 15:22:05





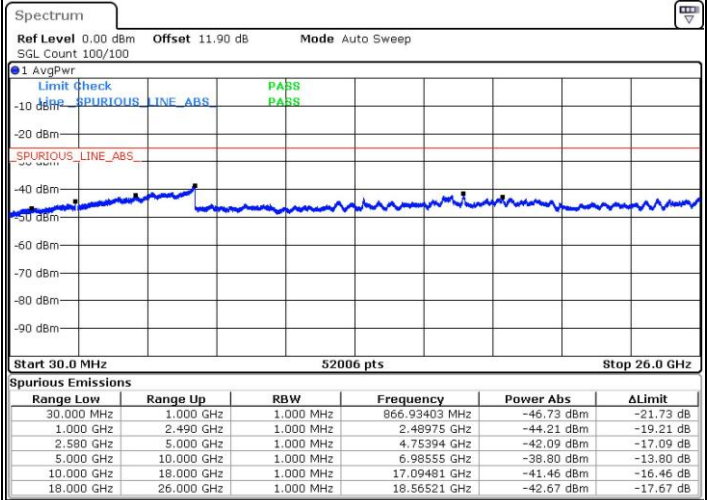
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



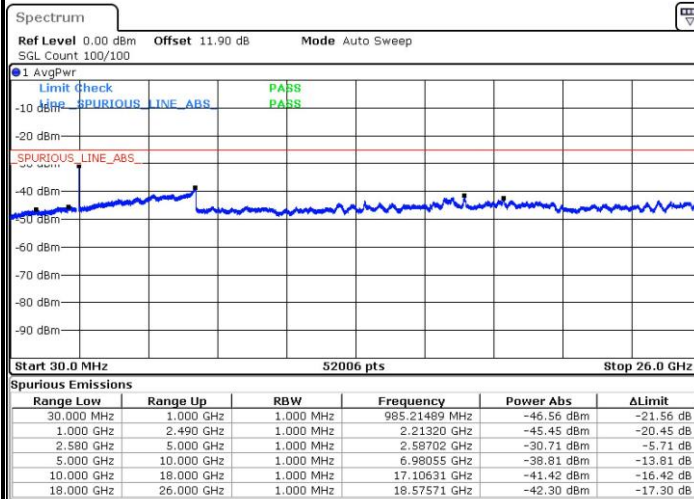
Date: 3.NOV.2016 15:23:50

## Middle Channel / 16QAM



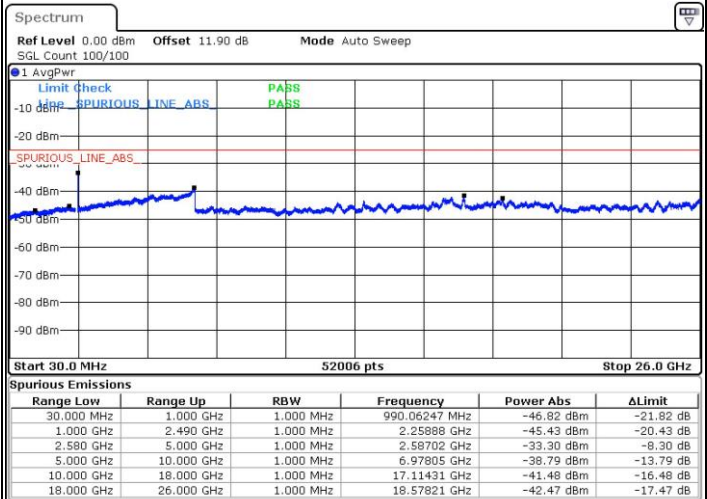
Date: 3.NOV.2016 15:24:48

## Highest Channel / QPSK



Date: 3.NOV.2016 15:31:13

## Highest Channel / 16QAM



Date: 3.NOV.2016 15:32:11

## 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    | 0.0121                             | PASS    |
| 40               | Normal Voltage    | 0.0000                             |         |
| 30               | Normal Voltage    | 0.0127                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0122                             |         |
| 0                | Normal Voltage    | 0.0001                             |         |
| -10              | Normal Voltage    | 0.0008                             |         |
| -20              | Normal Voltage    | 0.0005                             |         |
| -30              | Normal Voltage    | 0.0123                             |         |
| 20               | Maximum Voltage   | 0.0006                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0002                             |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 12

### Peak-to-Average Ratio

| Mode       | LTE Band 12 / 10MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 3.48                | 4.64    | 4.2   | 5.39    | PASS        |
| Middle CH  | 3.86                | 4.7     | 4.32  | 5.57    |             |
| Highest CH | 3.83                | 4.75    | 4.81  | 5.54    |             |