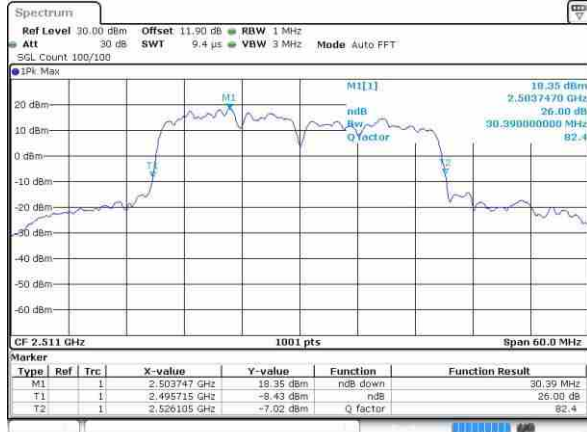




## LTE Band 41

## 64QAM

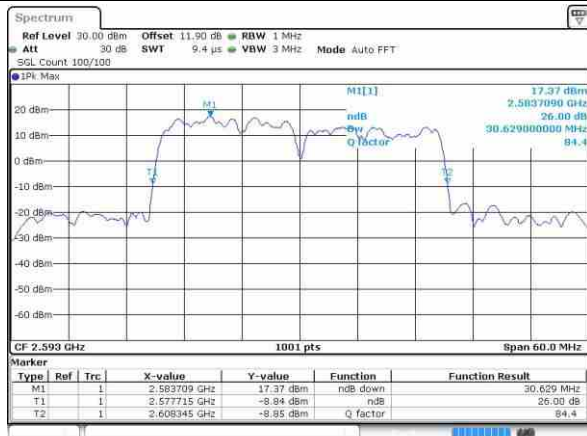
## Lowest Channel / 15MHz+15MHz



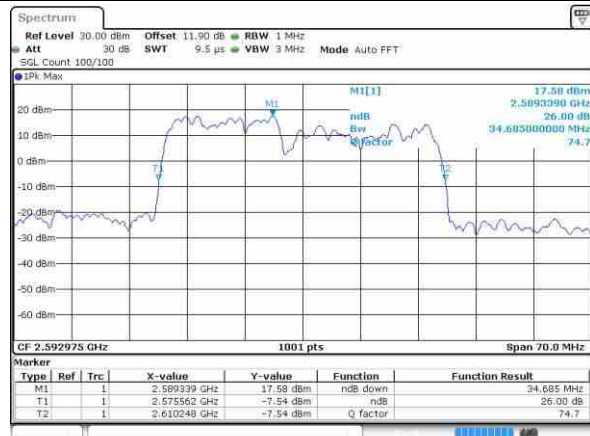
## Lowest Channel / 15MHz+20MHz



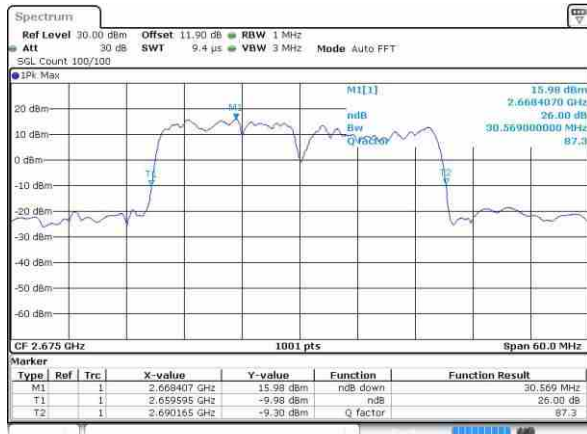
## Middle Channel / 15MHz+15MHz



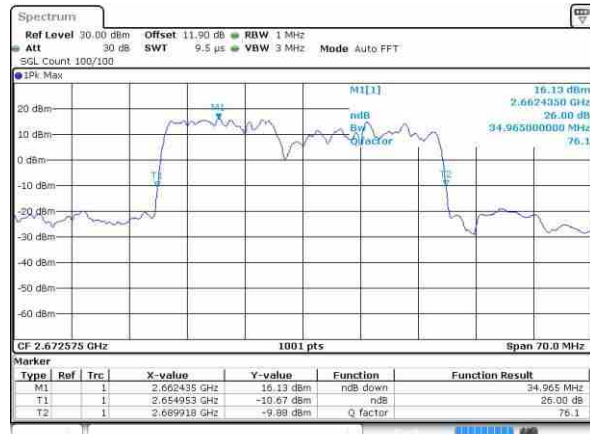
## Middle Channel / 15MHz+20MHz



## Highest Channel / 15MHz+15MHz



## Highest Channel / 15MHz+20MHz

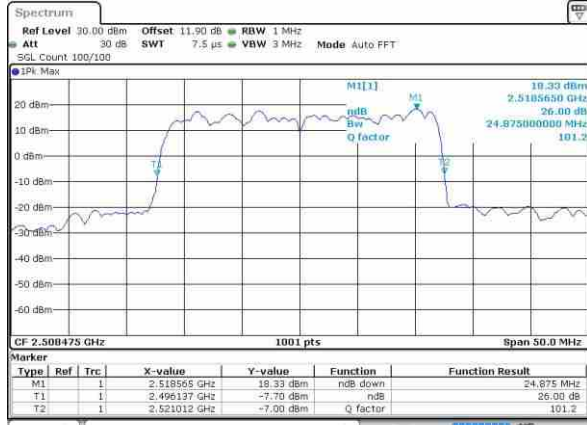




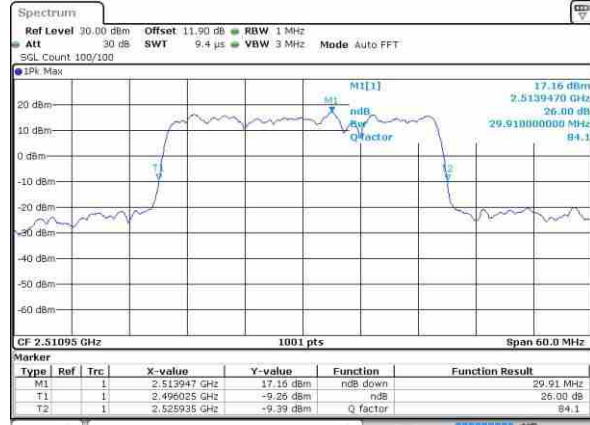
## LTE Band 41

## 64QAM

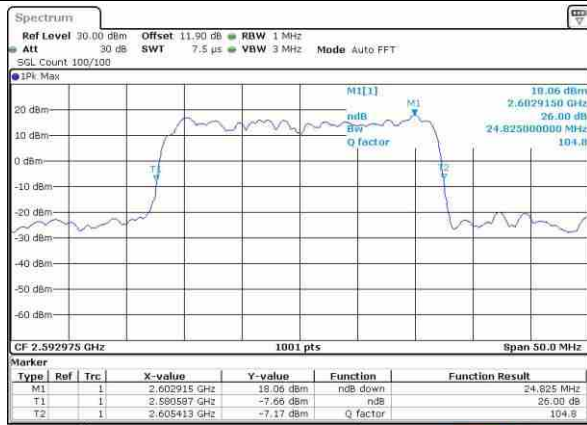
## Lowest Channel / 20MHz+5MHz



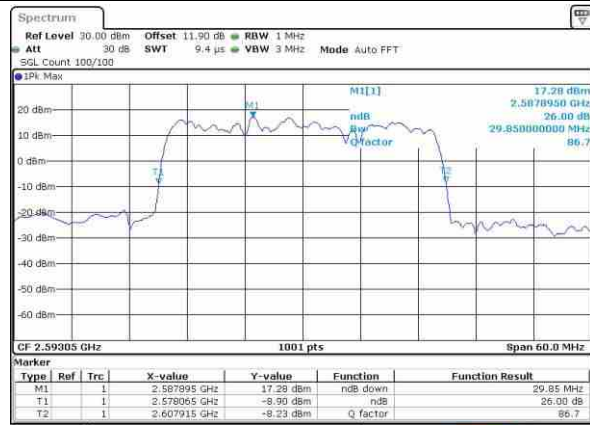
## Lowest Channel / 20MHz+10MHz



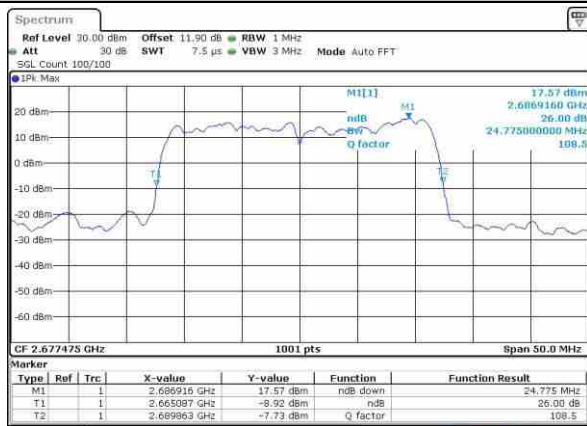
## Middle Channel / 20MHz+5MHz



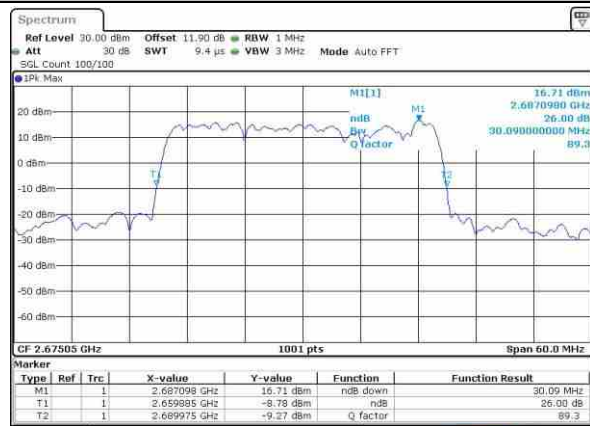
## Middle Channel / 20MHz+10MHz



## Highest Channel / 20MHz+5MHz



## Highest Channel / 20MHz+10MHz

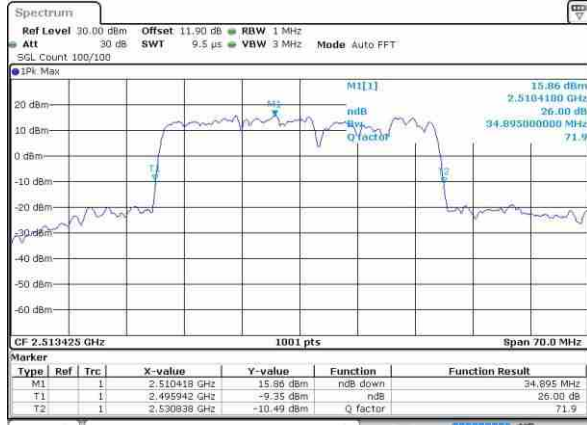




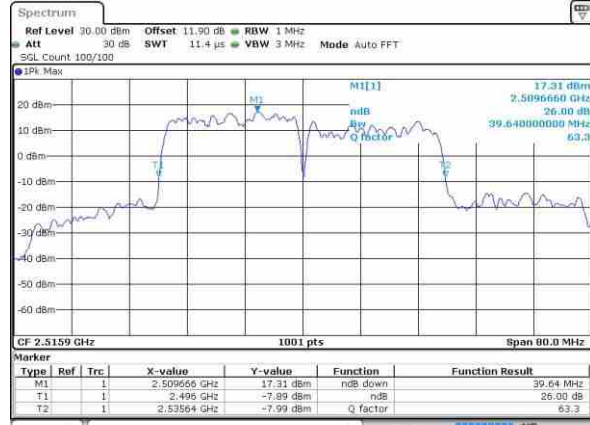
## LTE Band 41

## 64QAM

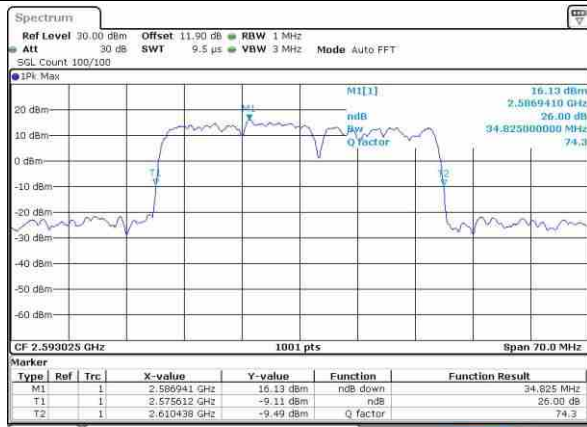
## Lowest Channel / 20MHz+15MHz



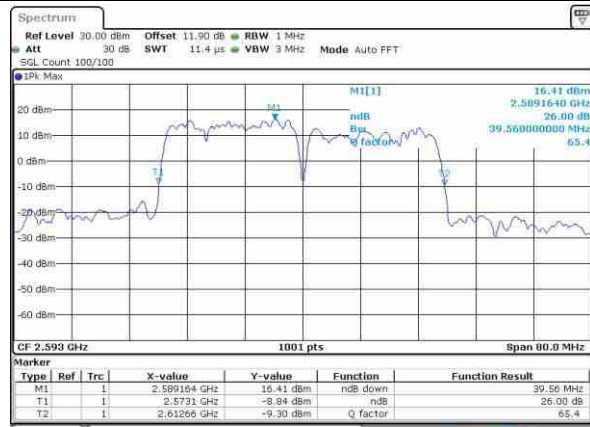
## Lowest Channel / 20MHz+20MHz



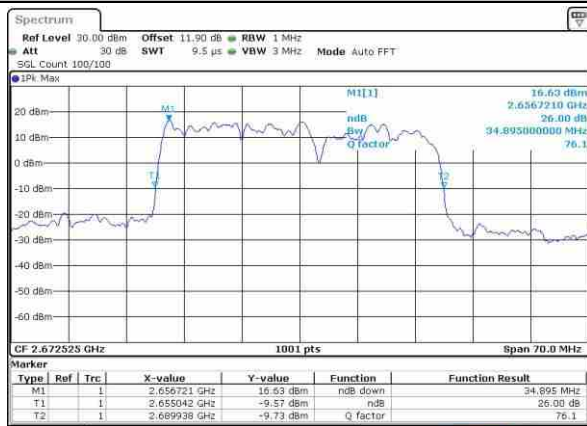
## Middle Channel / 20MHz+15MHz



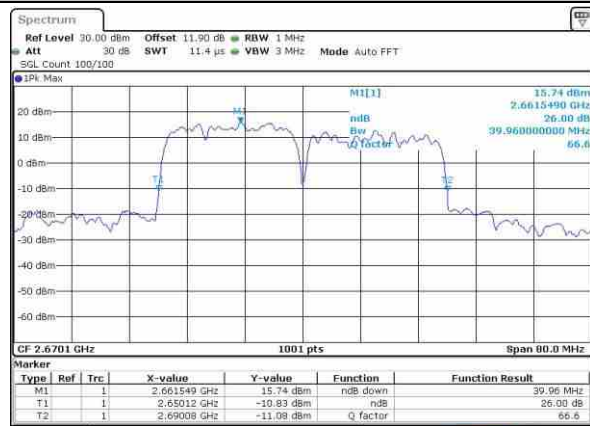
## Middle Channel / 20MHz+20MHz



## Highest Channel / 20MHz+15MHz



## Highest Channel / 20MHz+20MHz



**Occupied Bandwidth**

| Mode       | LTE Band 41 : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| QPSK       |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 23.28                     | 23.38       | 28.23       | 23.38       | 28.83       |
| Middle CH  | 23.18                     | 23.48       | 27.87       | 23.53       | 28.41       |
| Highest CH | 23.33                     | 23.48       | 27.99       | 23.48       | 28.71       |
| BW         | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.80                     | 23.43       | 27.81       | 32.80       | 37.80       |
| Middle CH  | 32.80                     | 23.28       | 27.93       | 32.38       | 37.64       |
| Highest CH | 32.80                     | 23.23       | 27.87       | 32.80       | 37.56       |

| Mode       | LTE Band 41 : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| 16QAM      |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 23.13                     | 23.43       | 27.87       | 23.28       | 28.47       |
| Middle CH  | 23.13                     | 23.53       | 27.93       | 23.33       | 28.41       |
| Highest CH | 23.38                     | 23.28       | 27.93       | 23.63       | 28.71       |
| BW         | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.45                     | 23.18       | 28.17       | 32.52       | 37.64       |
| Middle CH  | 32.73                     | 23.28       | 27.69       | 32.59       | 37.32       |
| Highest CH | 32.73                     | 23.03       | 27.81       | 32.66       | 37.88       |

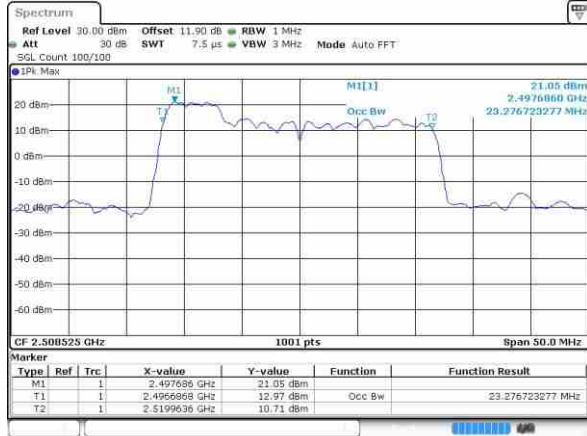
| Mode       | LTE Band 41 : 99%OBW(MHz) |             |             |             |             |
|------------|---------------------------|-------------|-------------|-------------|-------------|
| 64QAM      |                           |             |             |             |             |
| BW         | 5MHz+20MHz                | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 23.13                     | 23.53       | 27.69       | 23.43       | 28.53       |
| Middle CH  | 23.18                     | 22.98       | 28.23       | 23.38       | 28.47       |
| Highest CH | 23.13                     | 23.33       | 28.29       | 23.33       | 28.53       |
| BW         | 15MHz+20MHz               | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.66                     | 23.28       | 28.11       | 32.52       | 37.40       |
| Middle CH  | 32.87                     | 23.33       | 27.99       | 32.80       | 37.48       |
| Highest CH | 32.80                     | 23.33       | 28.11       | 32.59       | 37.64       |



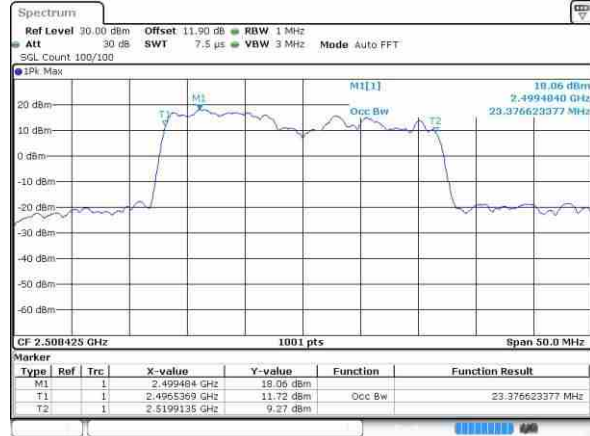
## LTE Band 41

## QPSK

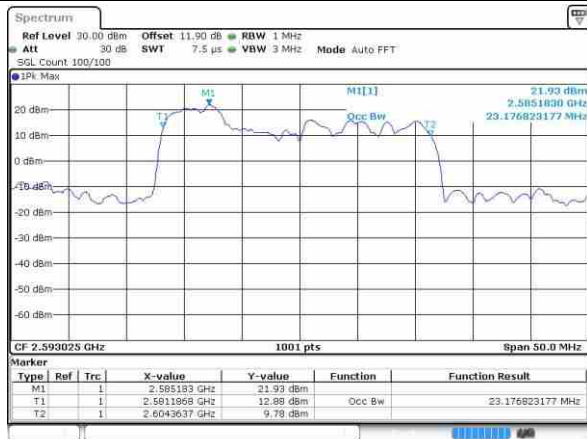
## Lowest Channel / 5MHz+20MHz



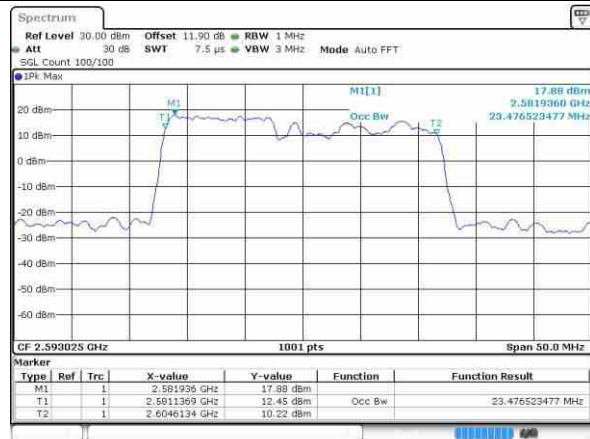
## Lowest Channel / 10MHz+15MHz



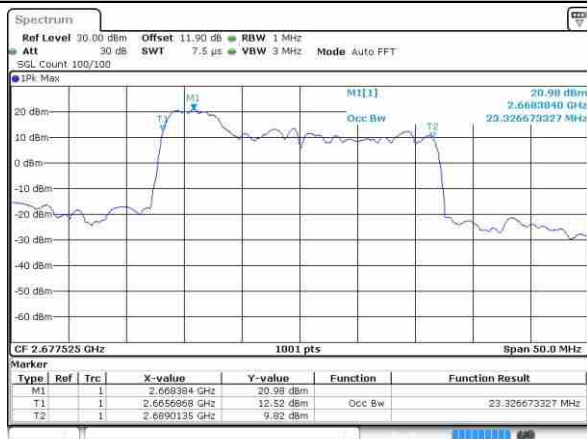
## Middle Channel / 5MHz+20MHz



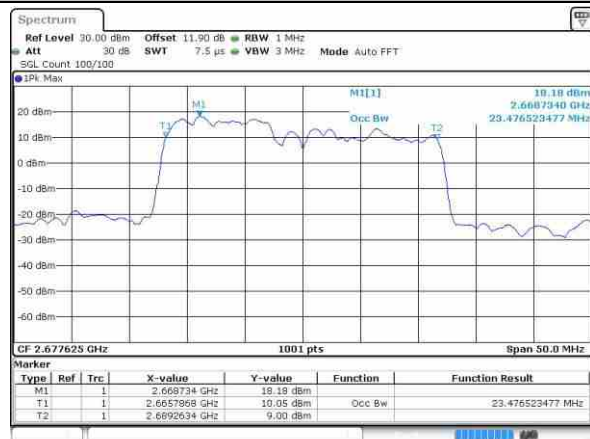
## Middle Channel / 10MHz+15MHz



## Highest Channel / 5MHz+20MHz



## Highest Channel / 10MHz+15MHz

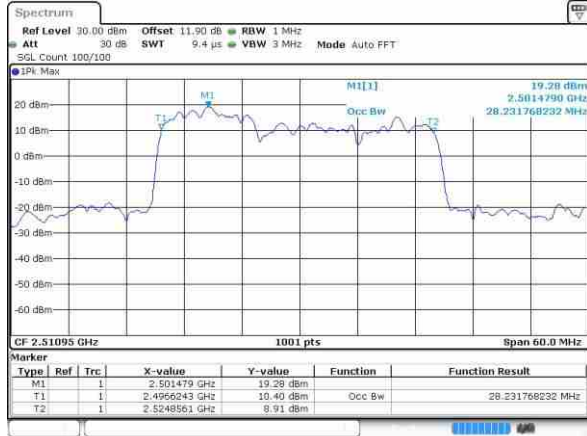




## LTE Band 41

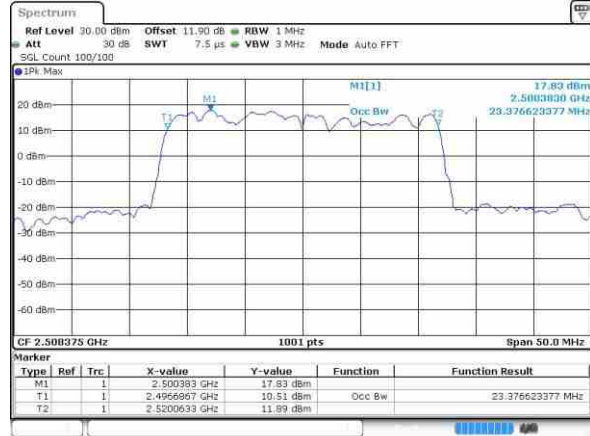
## QPSK

## Lowest Channel / 10MHz+20MHz



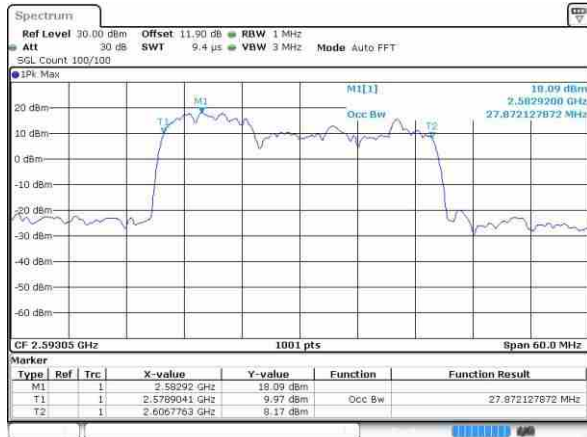
Date: 10 MAY 2019 15:35:43

## Lowest Channel / 15MHz+10MHz



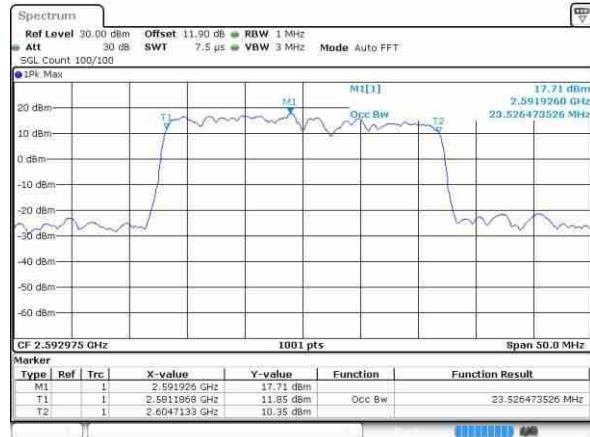
Date: 10 MAY 2019 15:24:02

## Middle Channel / 10MHz+20MHz



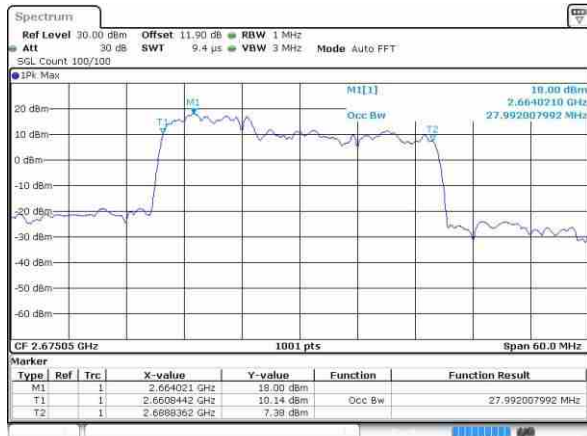
Date: 10 MAY 2019 15:43:26

## Middle Channel / 15MHz+10MHz



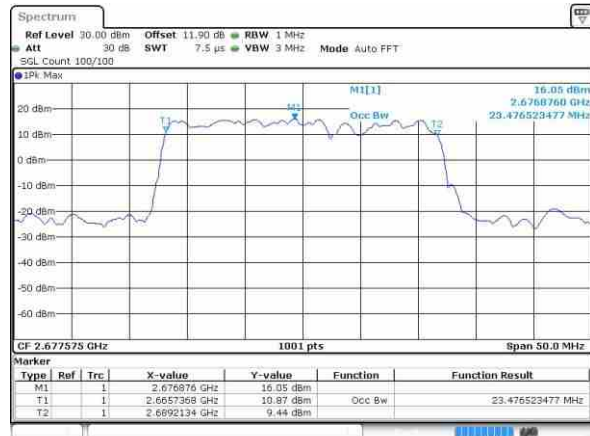
Date: 10 MAY 2019 15:27:12

## Highest Channel / 10MHz+20MHz



Date: 10 MAY 2019 15:47:44

## Highest Channel / 15MHz+10MHz



Date: 10 MAY 2019 15:30:44

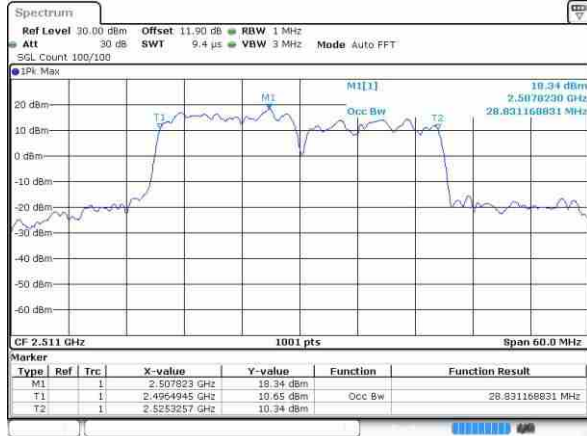




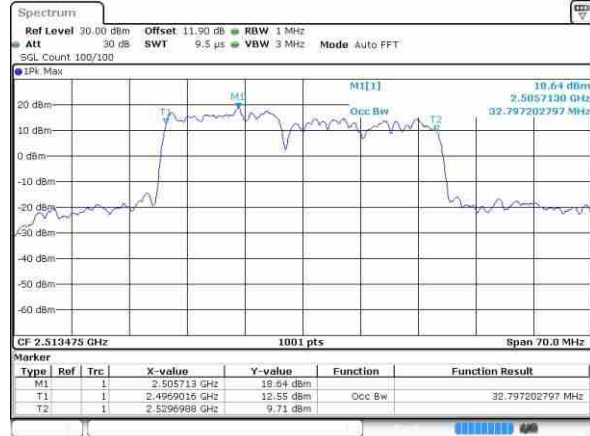
## LTE Band 41

## QPSK

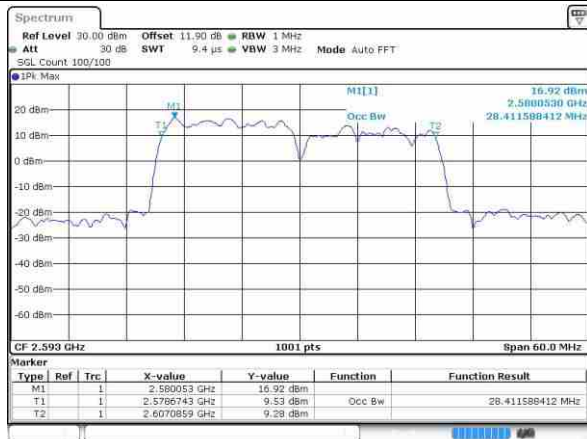
## Lowest Channel / 15MHz+15MHz



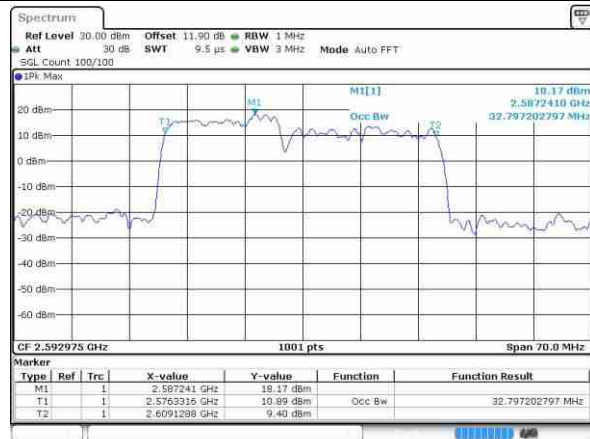
## Lowest Channel / 15MHz+20MHz



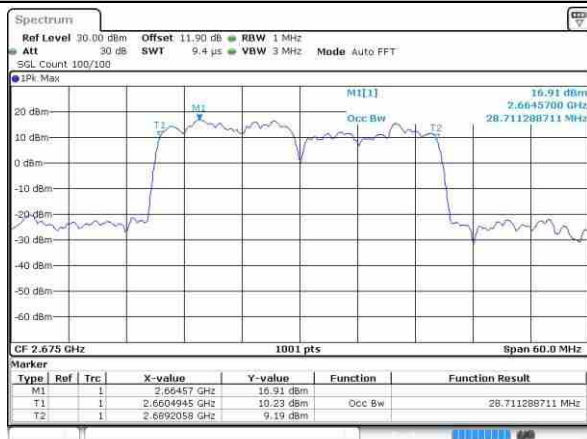
## Middle Channel / 15MHz+15MHz



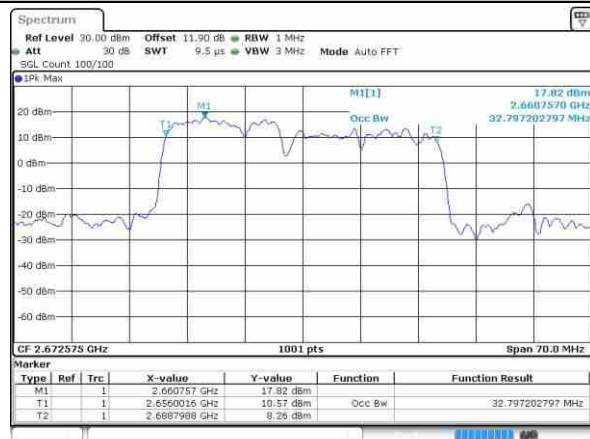
## Middle Channel / 15MHz+20MHz



## Highest Channel / 15MHz+15MHz



## Highest Channel / 15MHz+20MHz

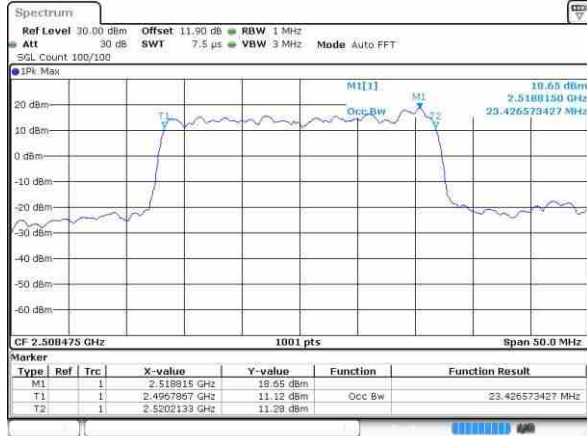




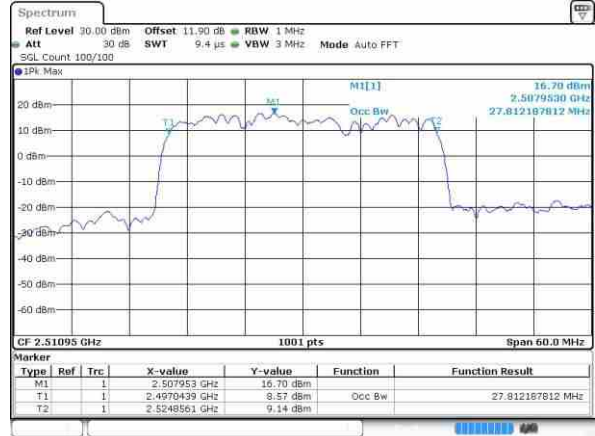
## LTE Band 41

## QPSK

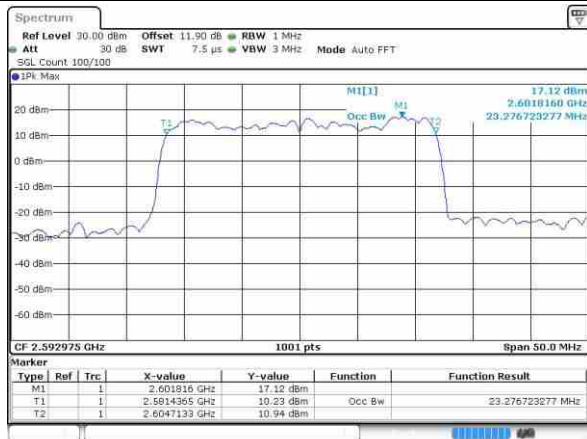
## Lowest Channel / 20MHz+5MHz



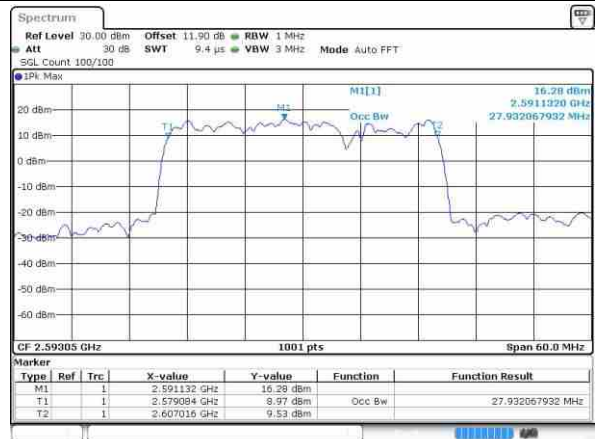
## Lowest Channel / 20MHz+10MHz



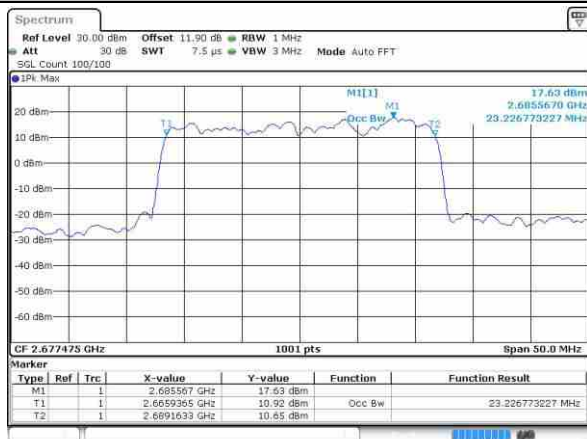
## Middle Channel / 20MHz+5MHz



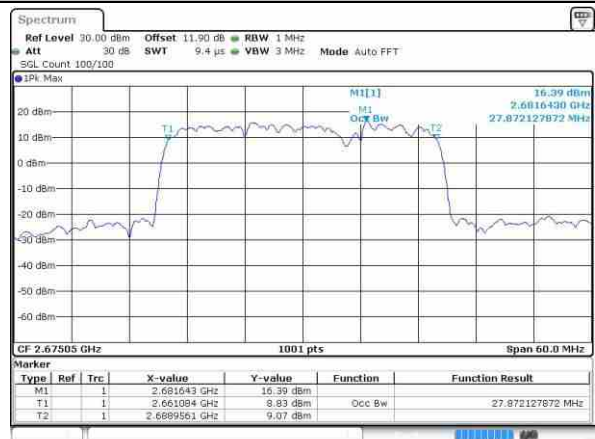
## Middle Channel / 20MHz+10MHz



## Highest Channel / 20MHz+5MHz



## Highest Channel / 20MHz+10MHz



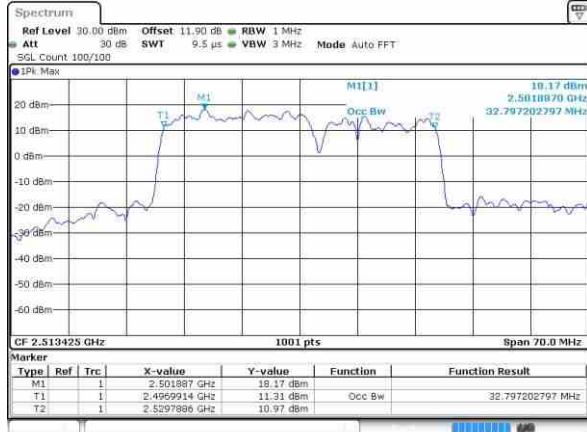




## LTE Band 41

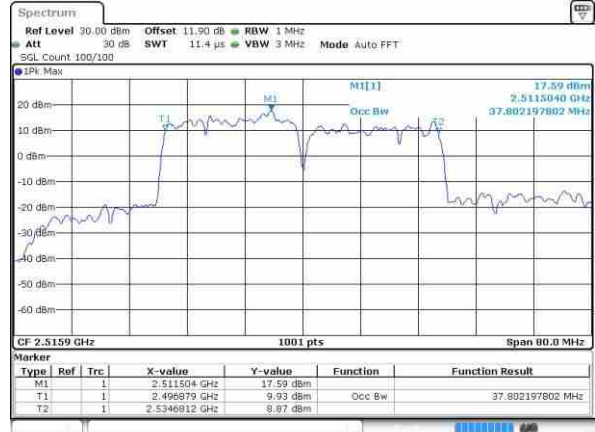
## QPSK

## Lowest Channel / 20MHz+15MHz



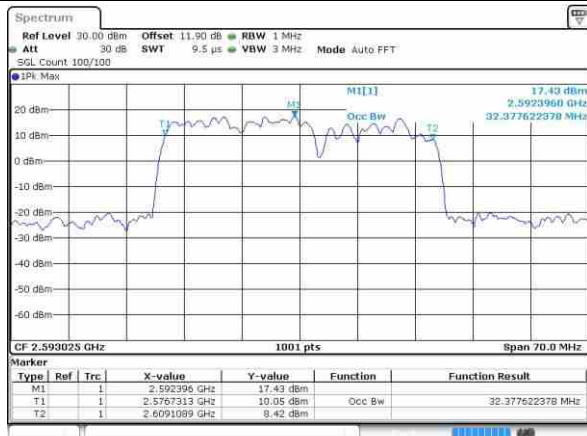
Date: 10 MAY 2019 16:32:45

## Lowest Channel / 20MHz+20MHz



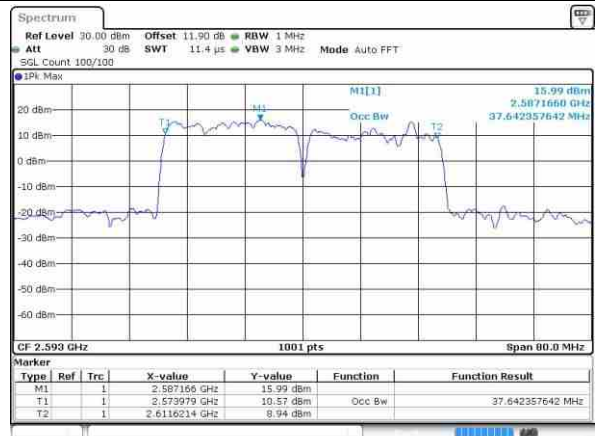
Date: 10 MAY 2019 17:01:52

## Middle Channel / 20MHz+15MHz



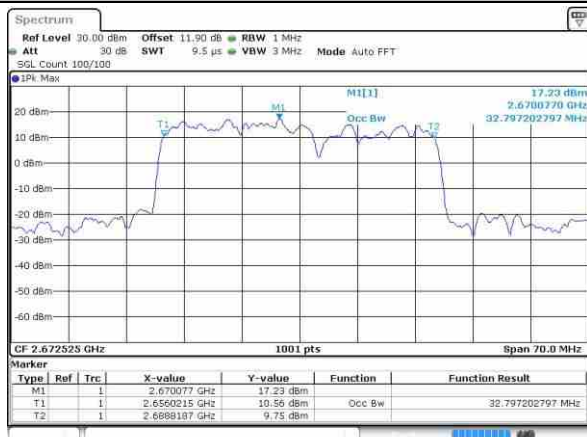
Date: 10 MAY 2019 16:51:09

## Middle Channel / 20MHz+20MHz



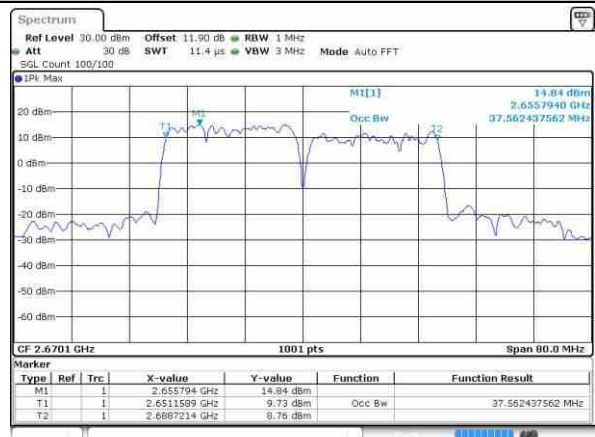
Date: 10 MAY 2019 17:09:29

## Highest Channel / 20MHz+15MHz



Date: 10 MAY 2019 16:56:48

## Highest Channel / 20MHz+20MHz



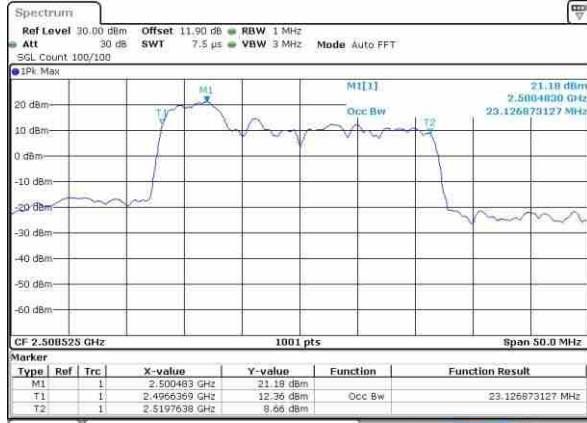
Date: 10 MAY 2019 17:13:53



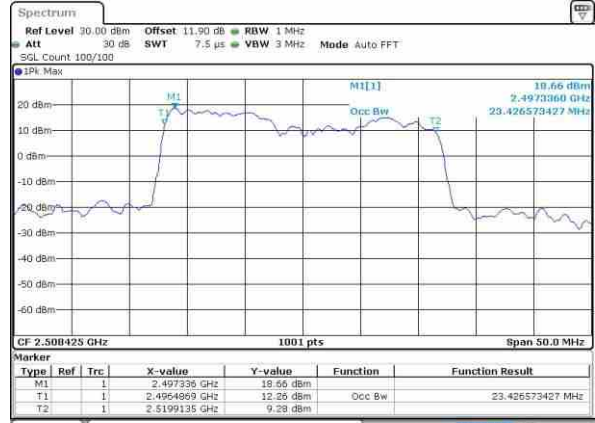
## LTE Band 41

## 16QAM

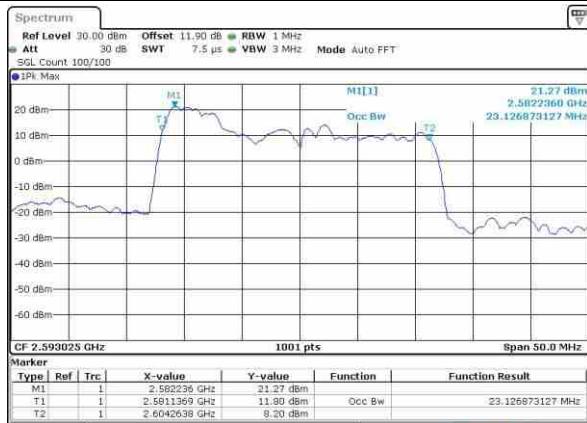
## Lowest Channel / 5MHz+20MHz



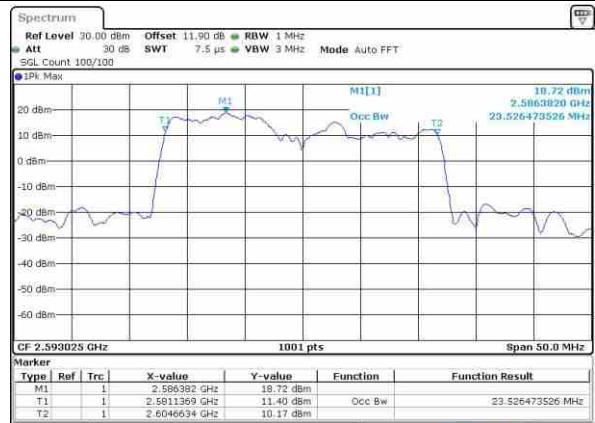
## Lowest Channel / 10MHz+15MHz



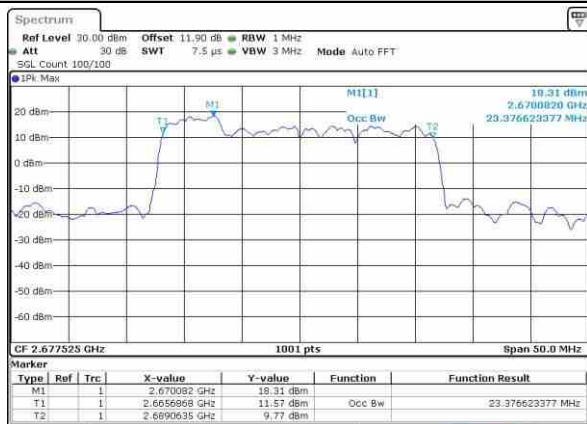
## Middle Channel / 5MHz+20MHz



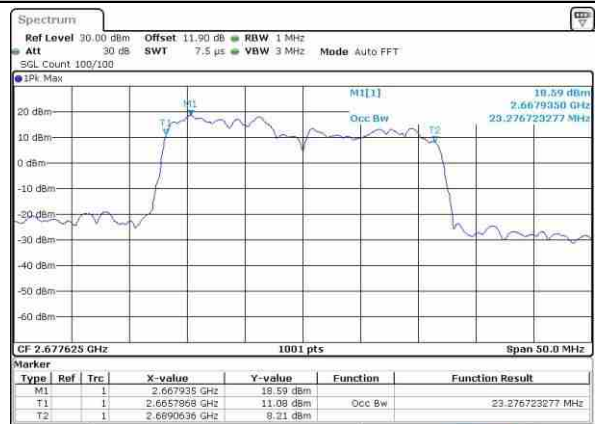
## Middle Channel / 10MHz+15MHz



## Highest Channel / 5MHz+20MHz



## Highest Channel / 10MHz+15MHz

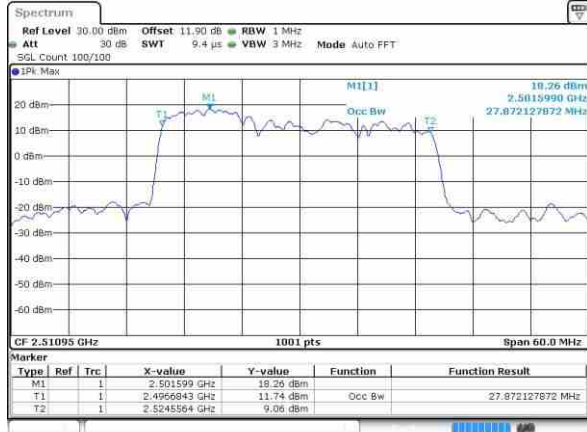




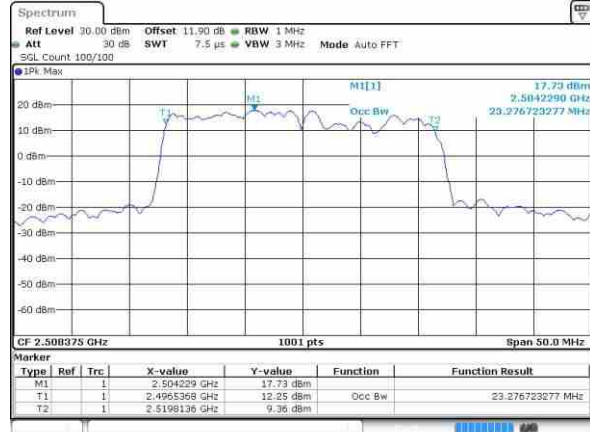
## LTE Band 41

## 16QAM

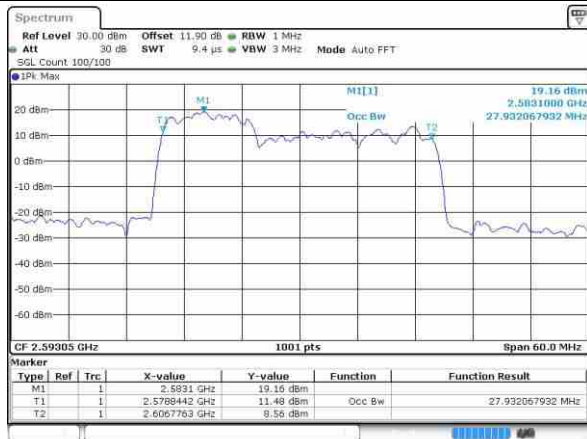
## Lowest Channel / 10MHz+20MHz



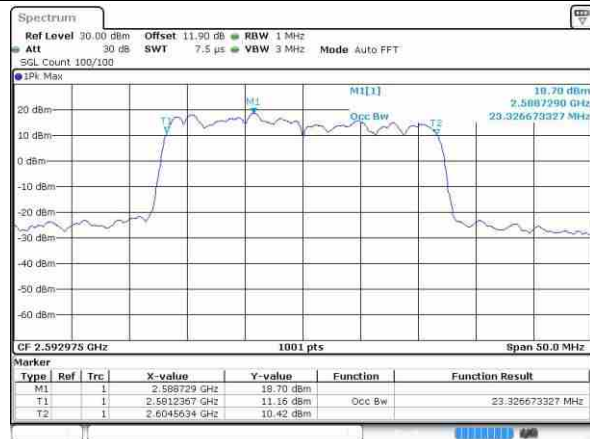
## Lowest Channel / 15MHz+10MHz



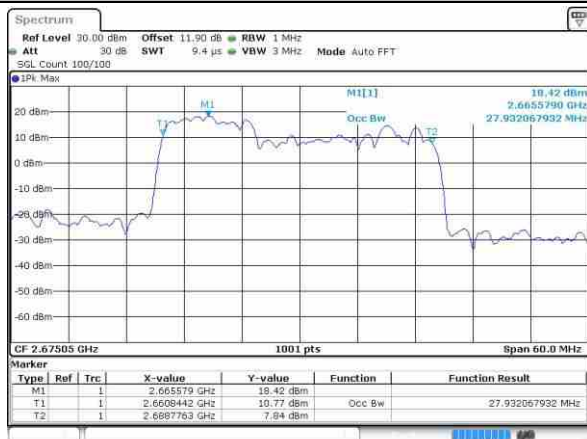
## Middle Channel / 10MHz+20MHz



## Middle Channel / 15MHz+10MHz



## Highest Channel / 10MHz+20MHz



## Highest Channel / 15MHz+10MHz

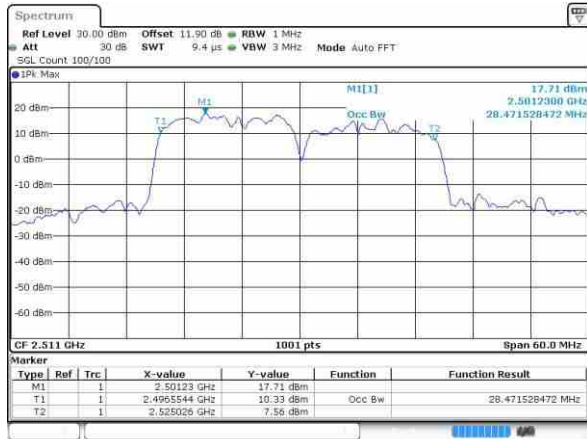




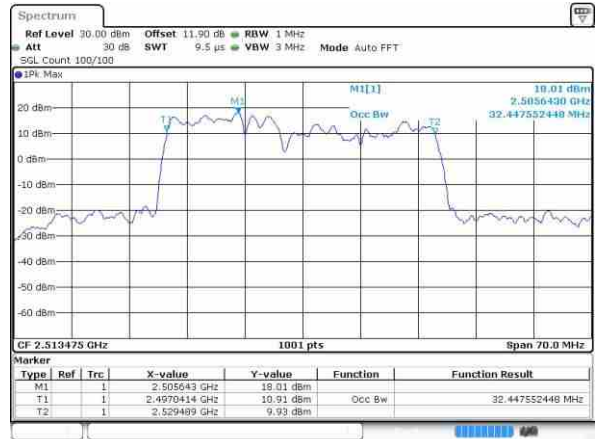
## LTE Band 41

## 16QAM

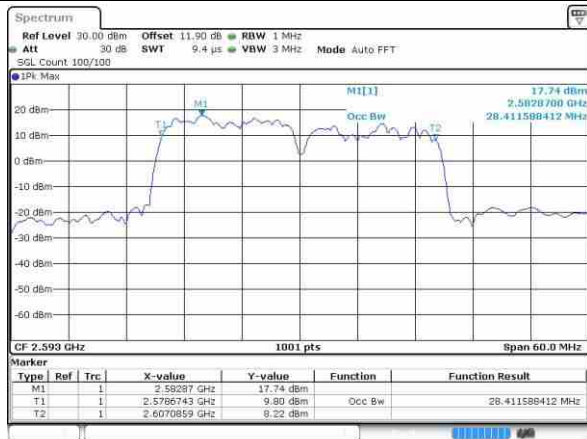
## Lowest Channel / 15MHz+15MHz



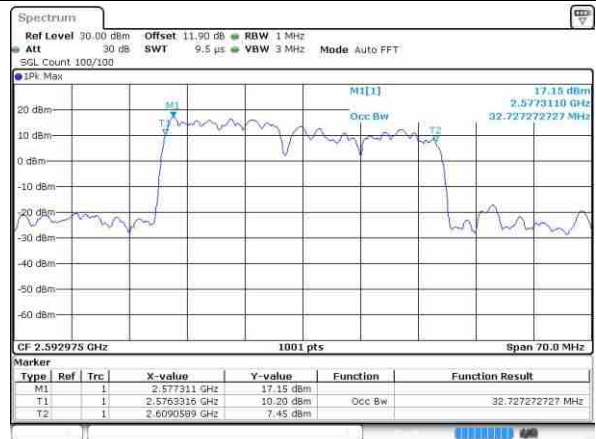
## Lowest Channel / 15MHz+20MHz



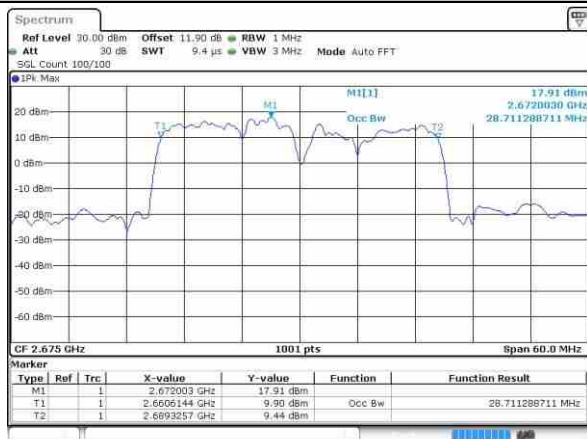
## Middle Channel / 15MHz+15MHz



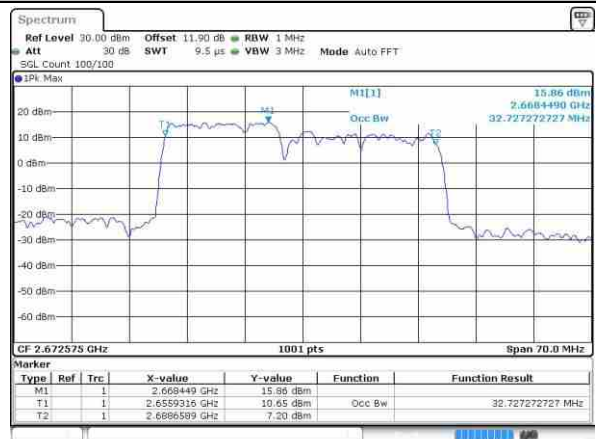
## Middle Channel / 15MHz+20MHz



## Highest Channel / 15MHz+15MHz



## Highest Channel / 15MHz+20MHz

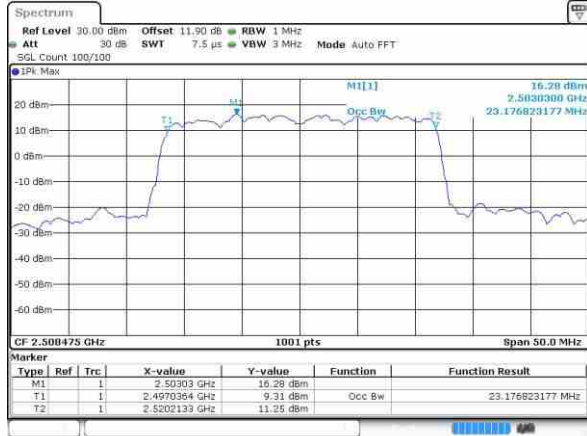




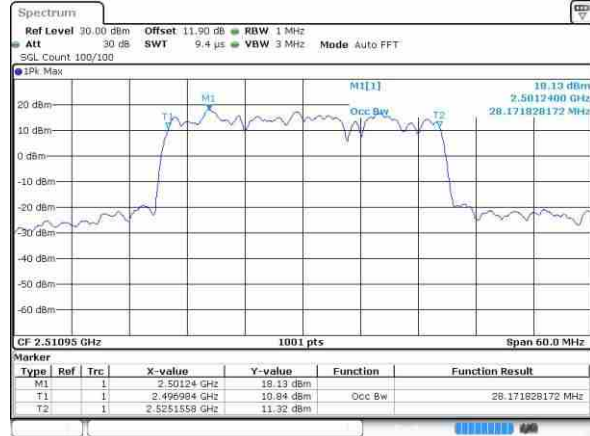
## LTE Band 41

## 16QAM

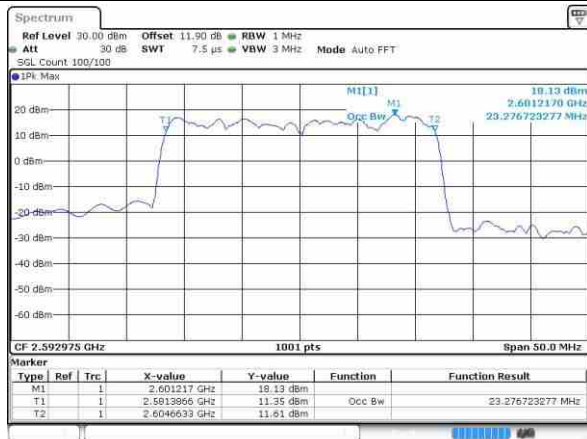
## Lowest Channel / 20MHz+5MHz



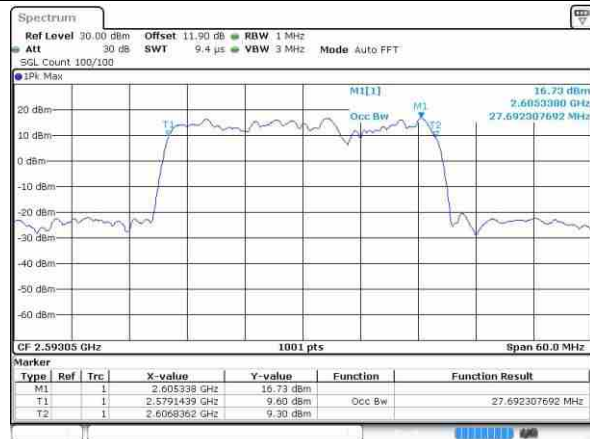
## Lowest Channel / 20MHz+10MHz



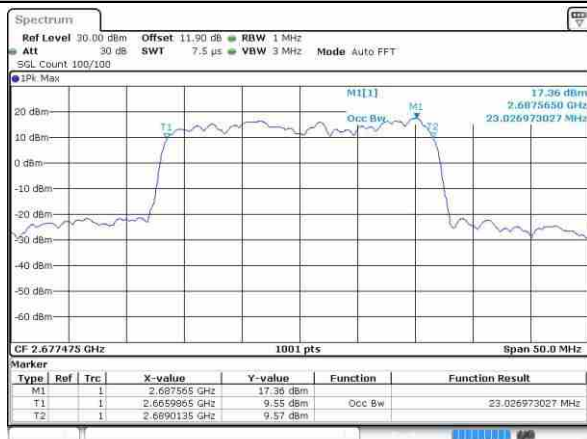
## Middle Channel / 20MHz+5MHz



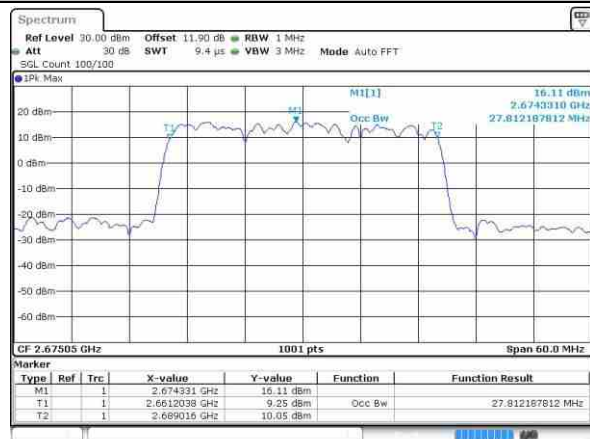
## Middle Channel / 20MHz+10MHz



## Highest Channel / 20MHz+5MHz



## Highest Channel / 20MHz+10MHz



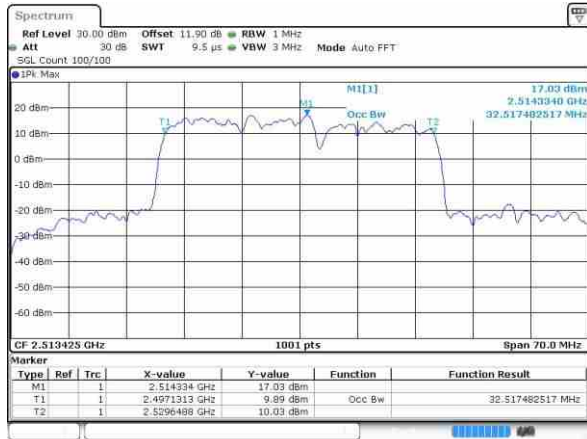




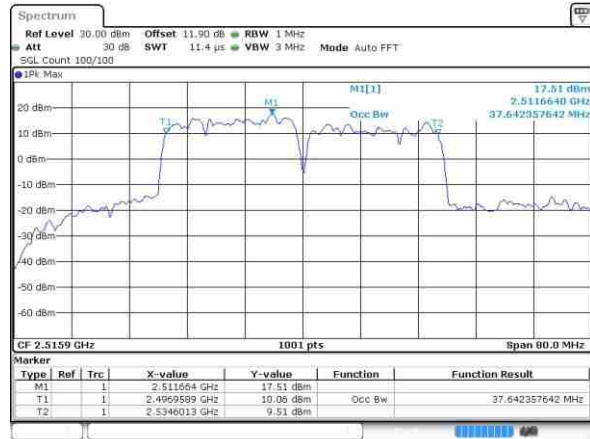
## LTE Band 41

## 16QAM

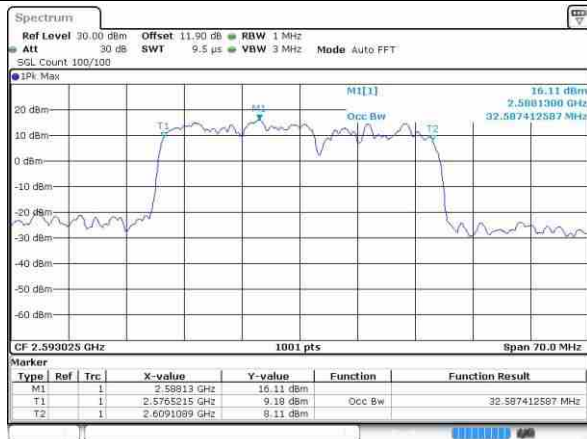
## Lowest Channel / 20MHz+15MHz



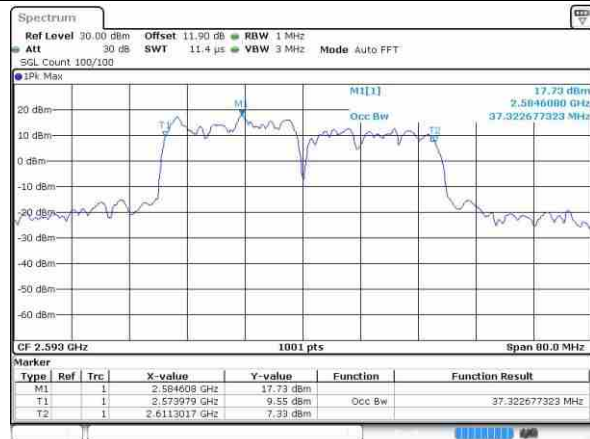
## Lowest Channel / 20MHz+20MHz



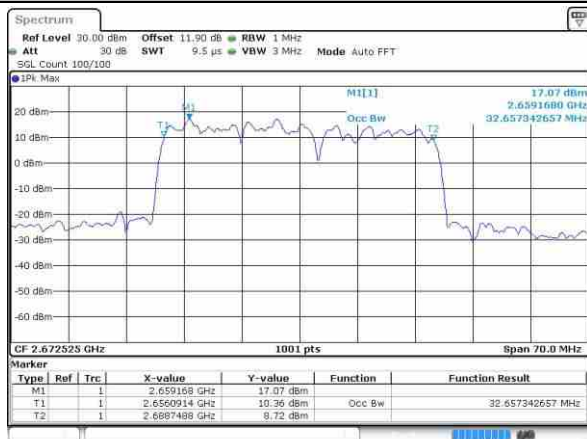
## Middle Channel / 20MHz+15MHz



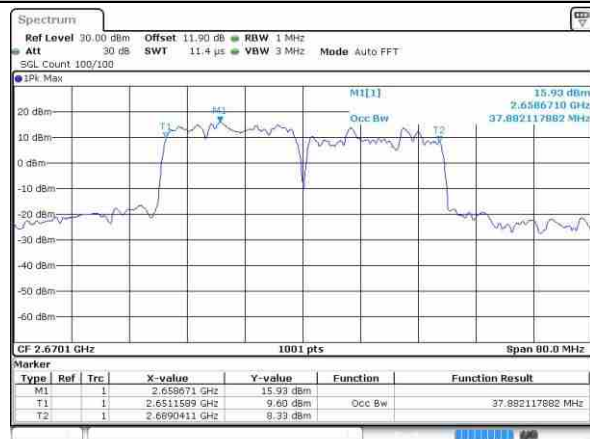
## Middle Channel / 20MHz+20MHz



## Highest Channel / 20MHz+15MHz



## Highest Channel / 20MHz+20MHz



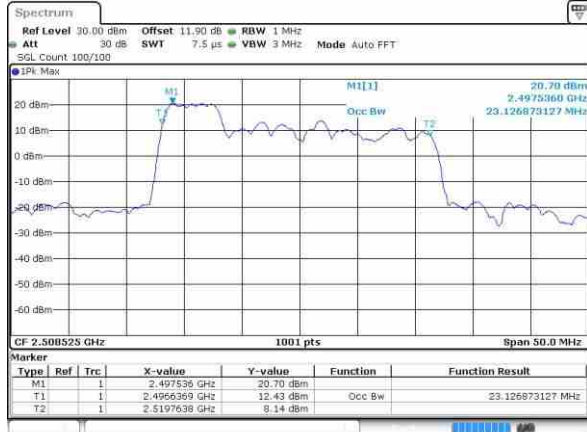




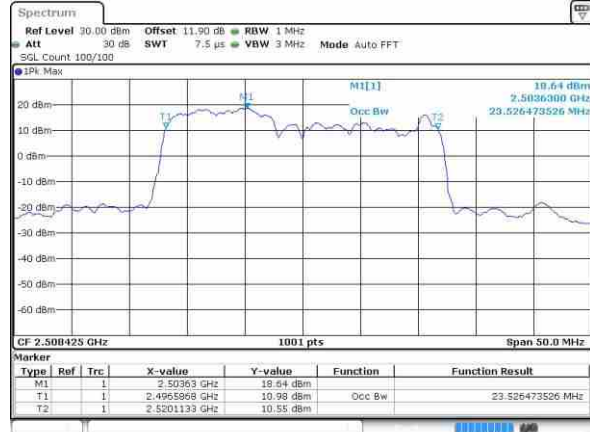
## LTE Band 41

## 64QAM

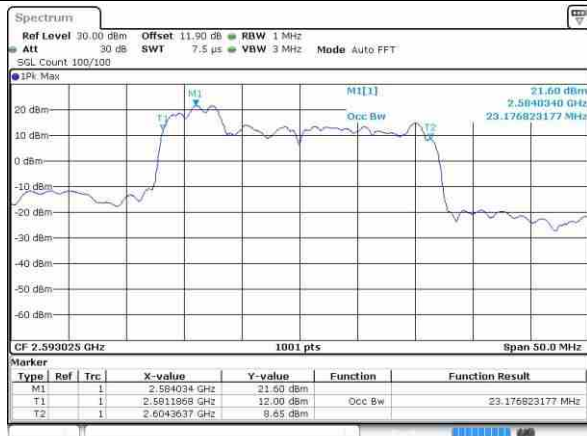
## Lowest Channel / 5MHz+20MHz



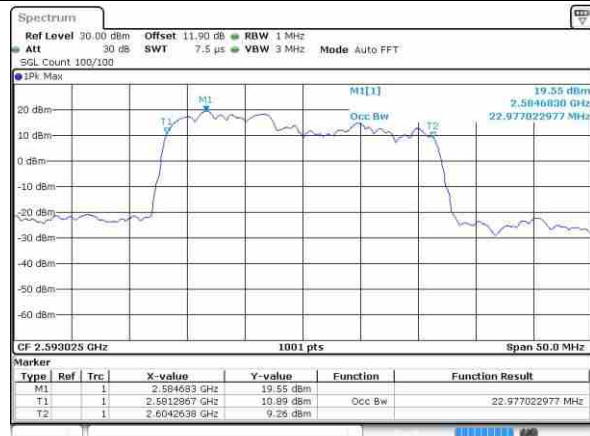
## Lowest Channel / 10MHz+15MHz



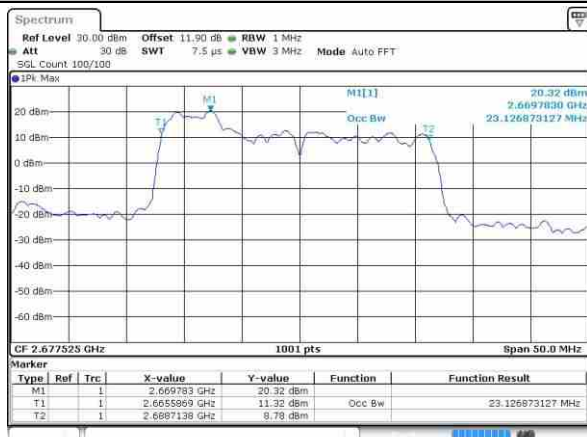
## Middle Channel / 5MHz+20MHz



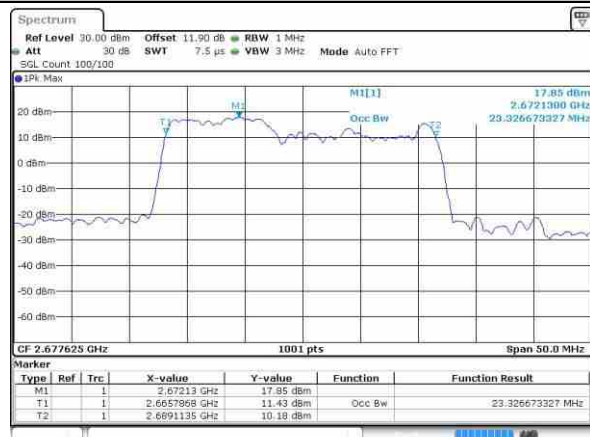
## Middle Channel / 10MHz+15MHz



## Highest Channel / 5MHz+20MHz



## Highest Channel / 10MHz+15MHz

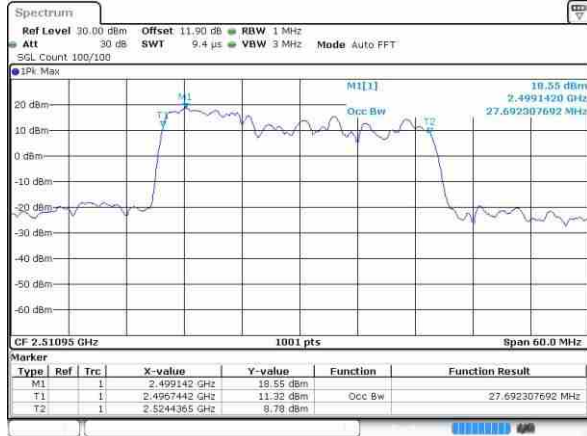




## LTE Band 41

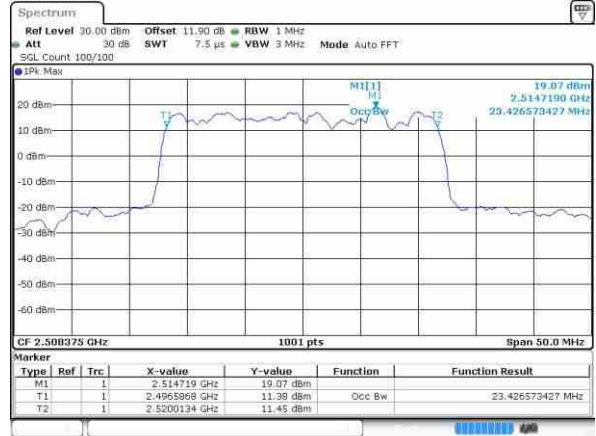
## 64QAM

## Lowest Channel / 10MHz+20MHz



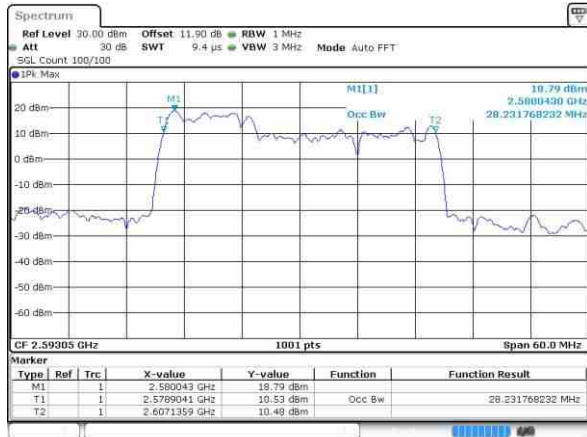
Date: 10 MAY 2019 15:36:29

## Lowest Channel / 15MHz+10MHz



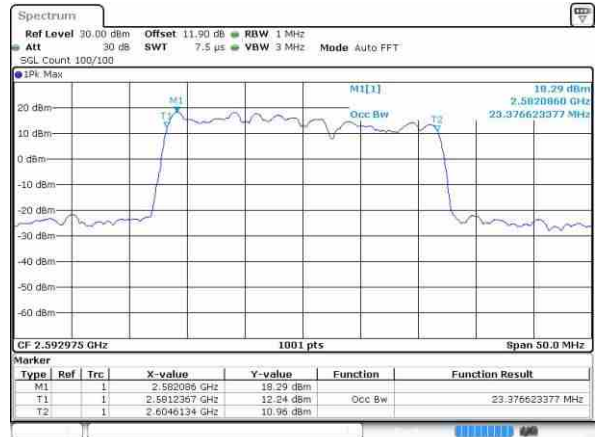
Date: 10 MAY 2019 15:24:48

## Middle Channel / 10MHz+20MHz



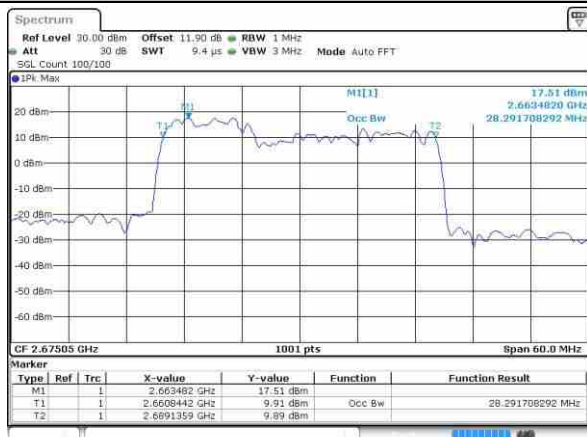
Date: 10 MAY 2019 15:44:13

## Middle Channel / 15MHz+10MHz



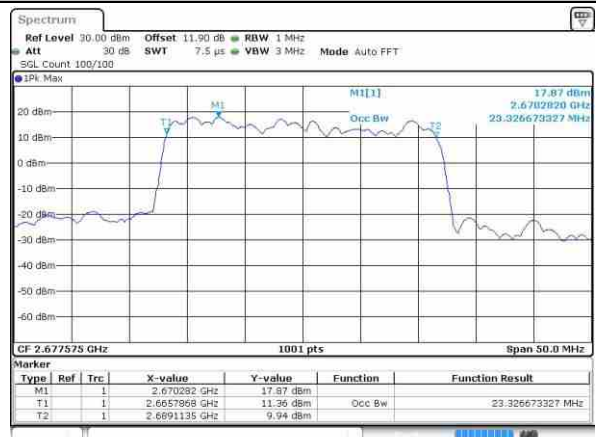
Date: 10 MAY 2019 15:27:58

## Highest Channel / 10MHz+20MHz



Date: 10 MAY 2019 15:46:58

## Highest Channel / 15MHz+10MHz



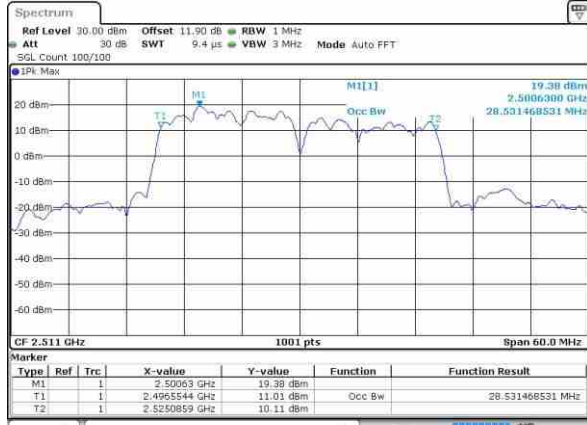
Date: 10 MAY 2019 15:29:58



## LTE Band 41

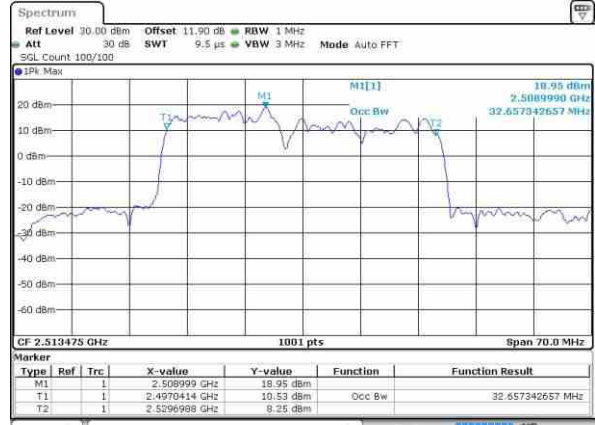
## 64QAM

## Lowest Channel / 15MHz+15MHz



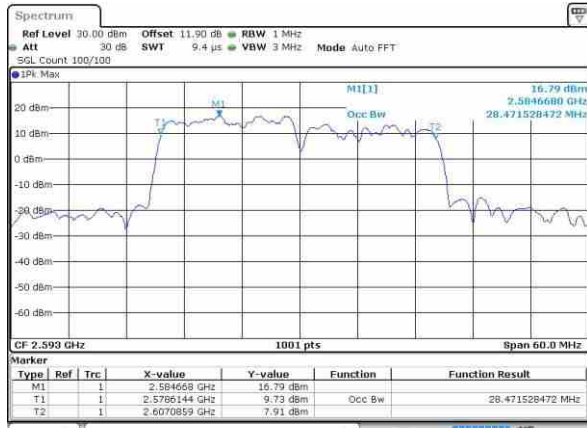
Date: 10 MAY 2019 15:52:54

## Lowest Channel / 15MHz+20MHz



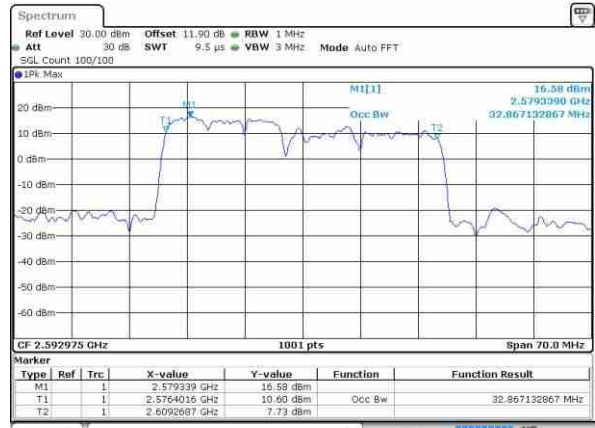
Date: 10 MAY 2019 16:14:06

## Middle Channel / 15MHz+15MHz



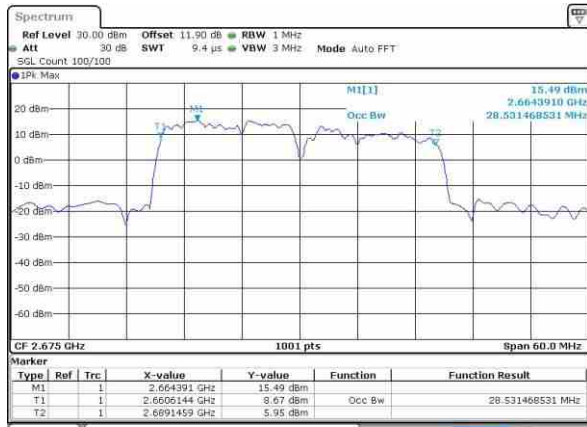
Date: 10 MAY 2019 15:57:28

## Middle Channel / 15MHz+20MHz



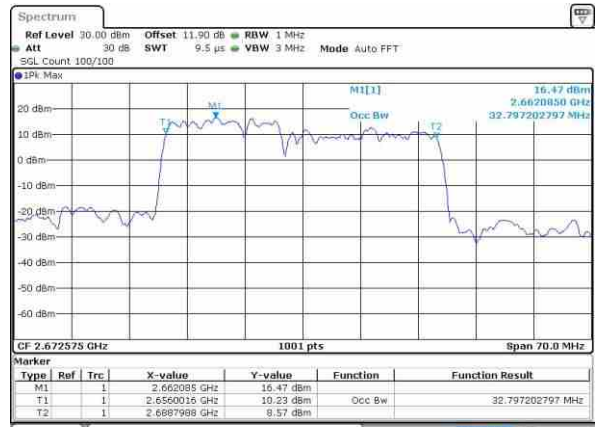
Date: 10 MAY 2019 16:23:09

## Highest Channel / 15MHz+15MHz



Date: 10 MAY 2019 16:09:19

## Highest Channel / 15MHz+20MHz



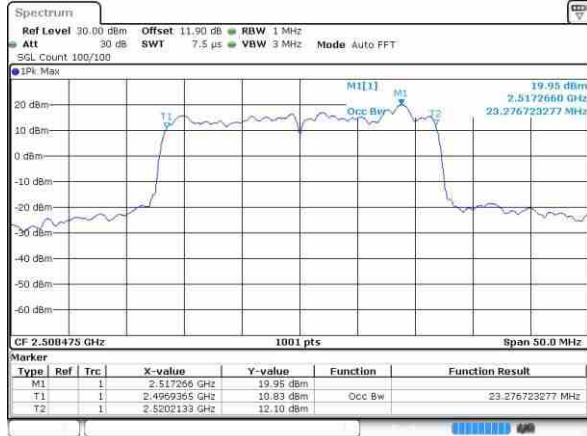
Date: 10 MAY 2019 16:27:44



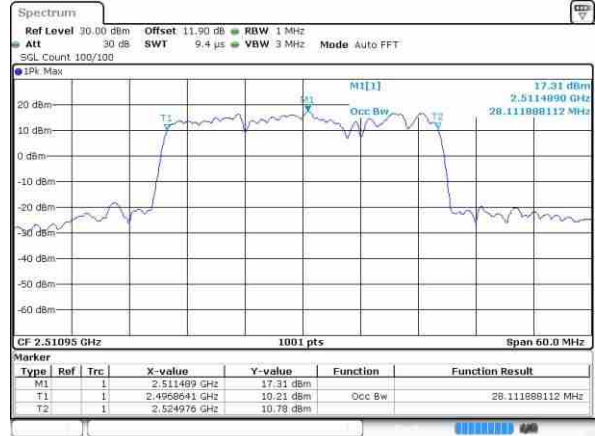
## LTE Band 41

## 64QAM

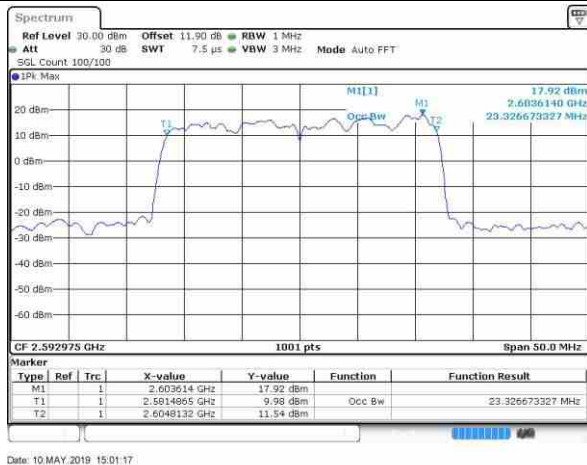
## Lowest Channel / 20MHz+5MHz



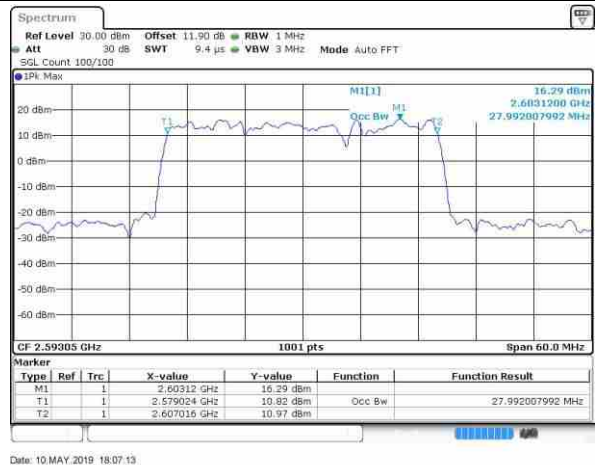
## Lowest Channel / 20MHz+10MHz



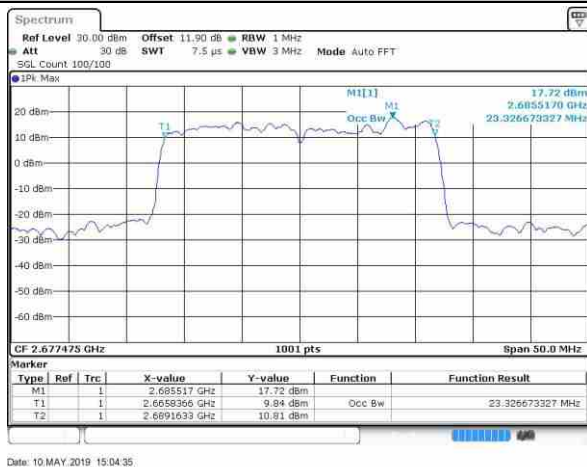
## Middle Channel / 20MHz+5MHz



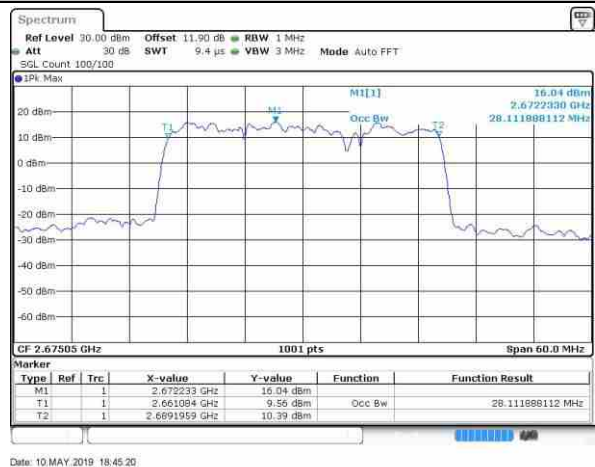
## Middle Channel / 20MHz+10MHz



## Highest Channel / 20MHz+5MHz



## Highest Channel / 20MHz+10MHz





## LTE Band 41

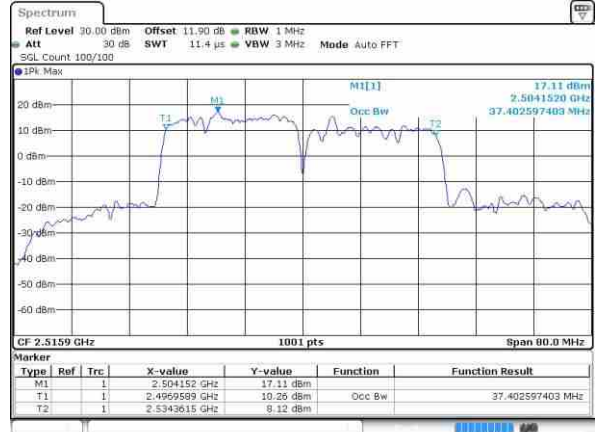
## 64QAM

## Lowest Channel / 20MHz+15MHz



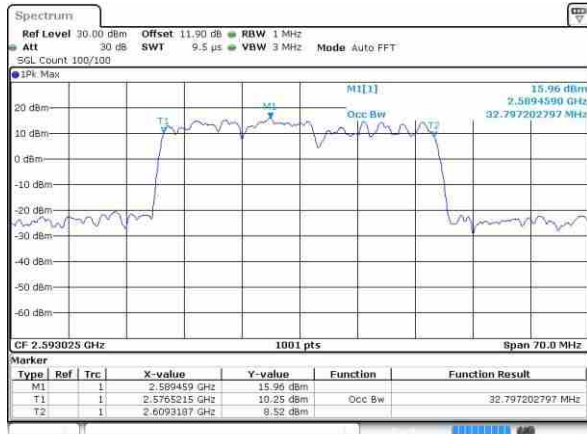
Date: 10 MAY 2019 16:33:31

## Lowest Channel / 20MHz+20MHz



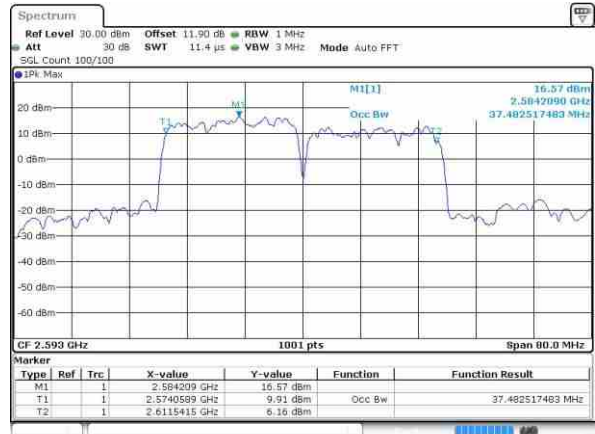
Date: 10 MAY 2019 17:02:38

## Middle Channel / 20MHz+15MHz



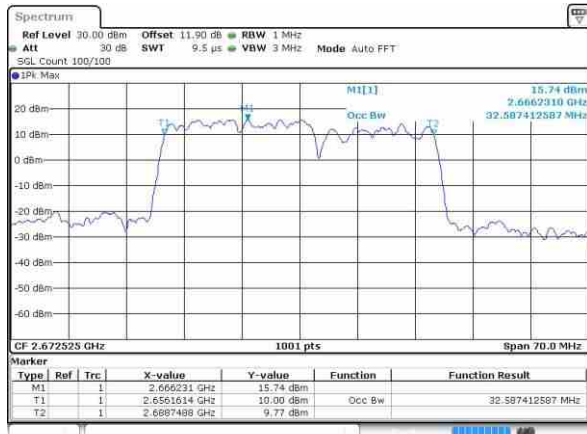
Date: 10 MAY 2019 16:51:55

## Middle Channel / 20MHz+20MHz



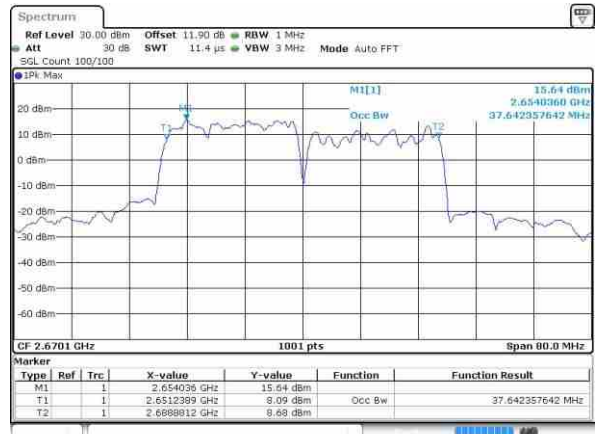
Date: 10 MAY 2019 17:10:15

## Highest Channel / 20MHz+15MHz



Date: 10 MAY 2019 16:56:02

## Highest Channel / 20MHz+20MHz



Date: 10 MAY 2019 17:13:07





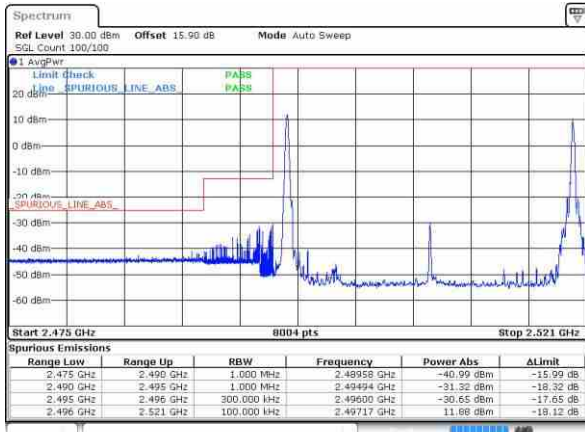
## **Conducted Band Edge**



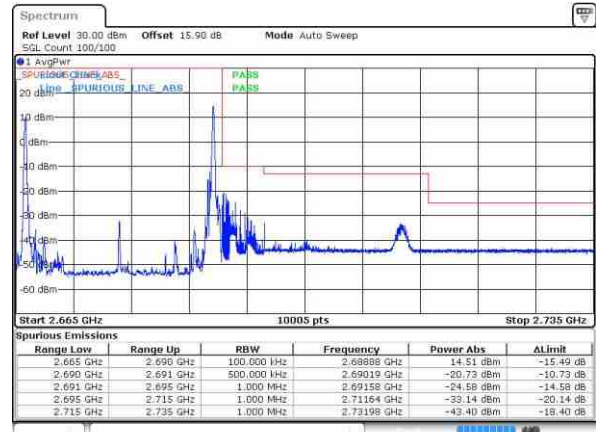
## LTE Band 41 / 5MHz+20MHz

## QPSK

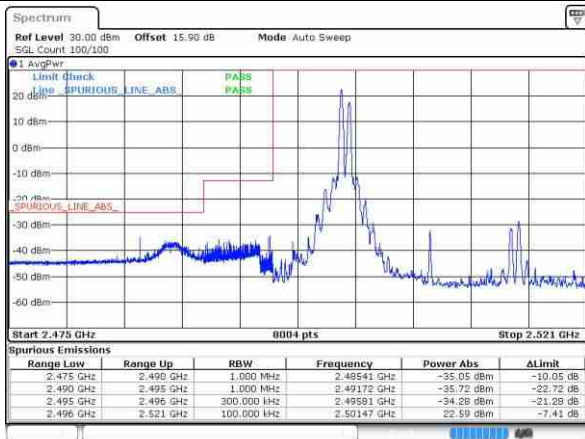
## Lowest Band Edge / 1RB0 and 1RB99



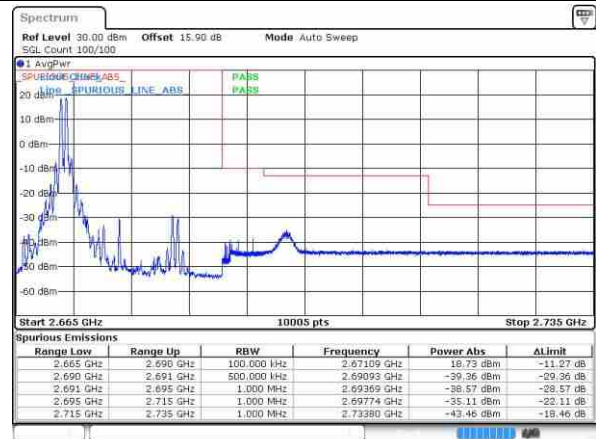
## Highest Band Edge / 1RB0 and 1RB99



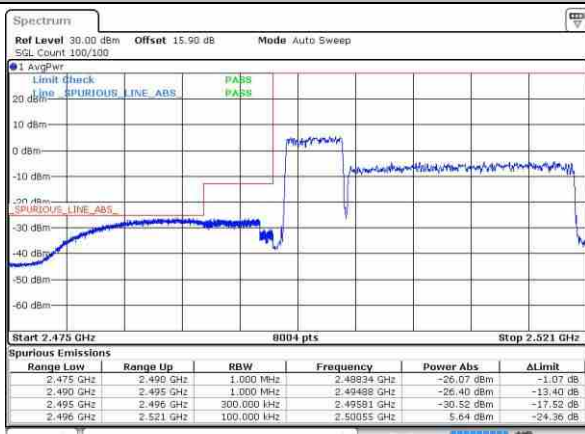
## Lowest Band Edge / 1RB24 and 1RB0



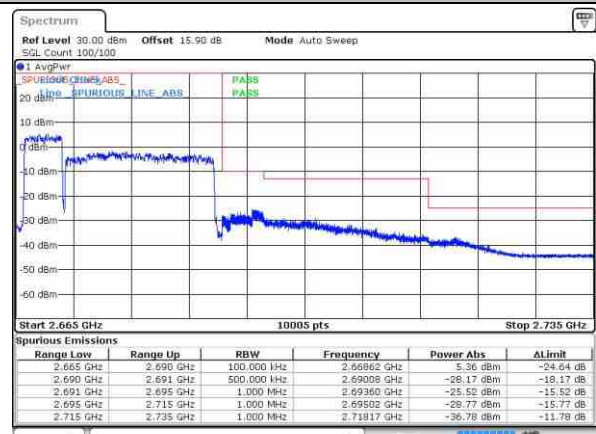
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

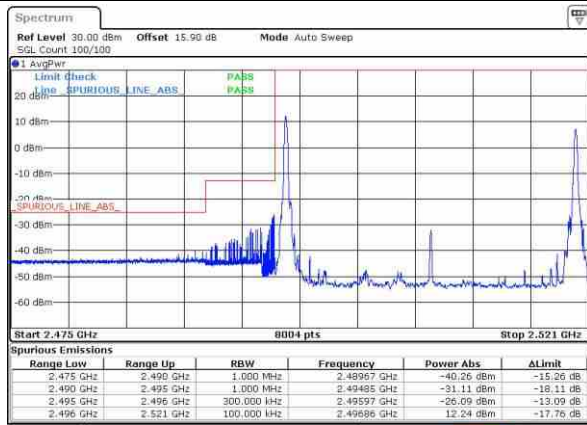




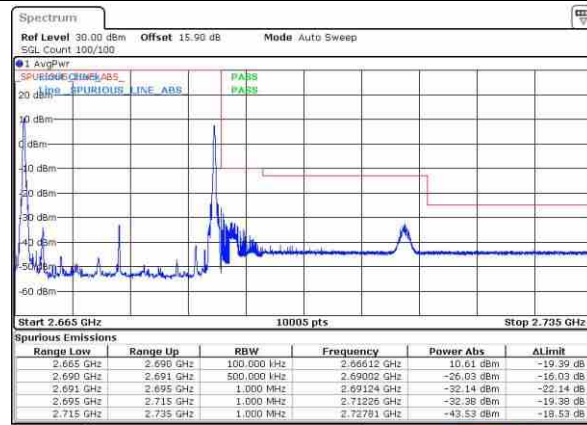
## LTE Band 41 / 10MHz+15MHz

## QPSK

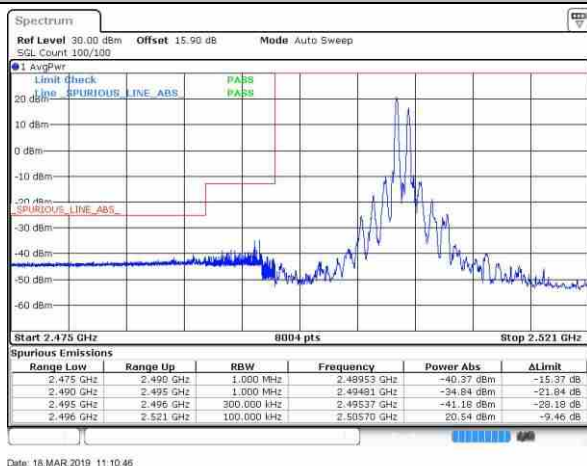
## Lowest Band Edge / 1RB0 and 1RB74



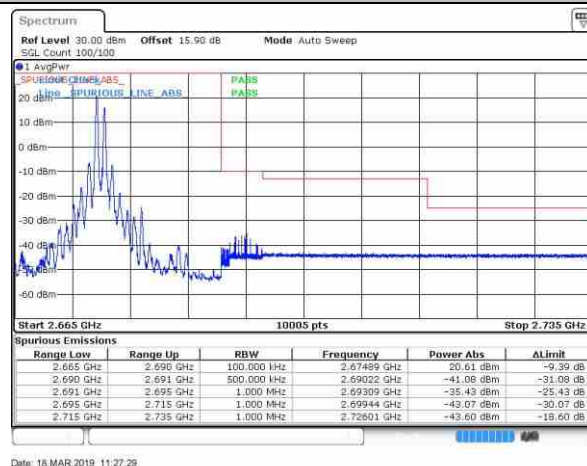
## Highest Band Edge / 1RB0 and 1RB74



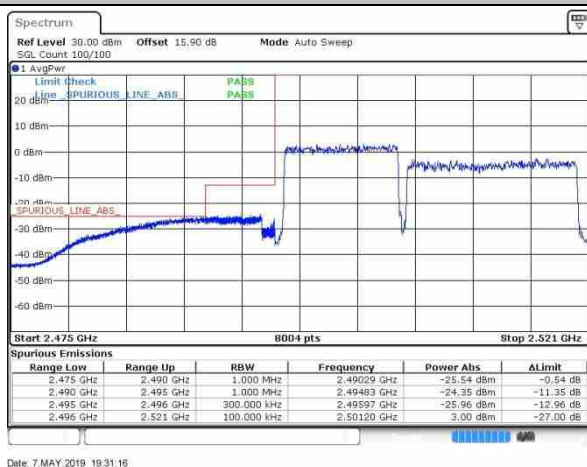
## Lowest Band Edge / 1RB49 and 1RB0



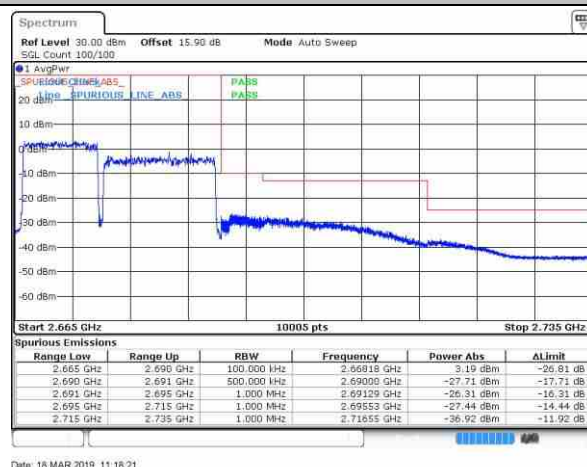
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

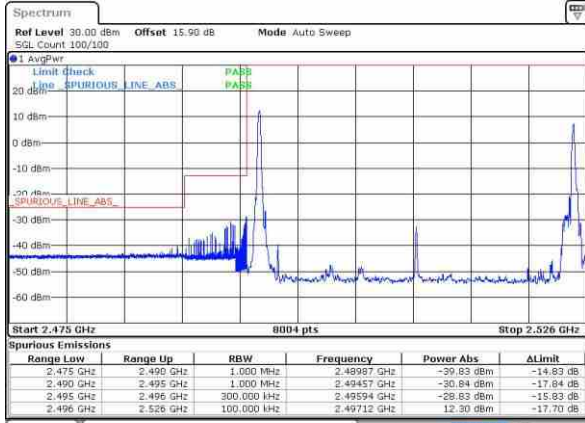




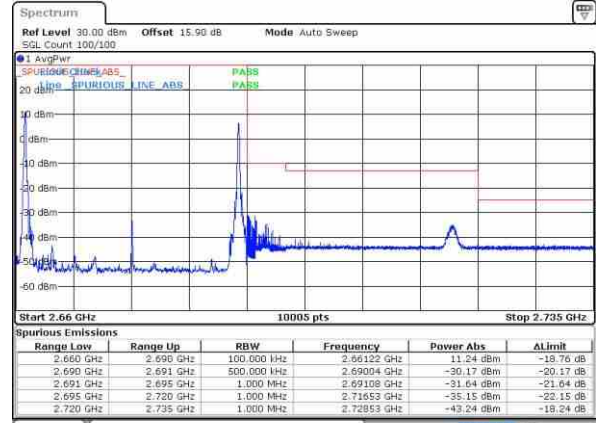
## LTE Band 41 / 10MHz+20MHz

## QPSK

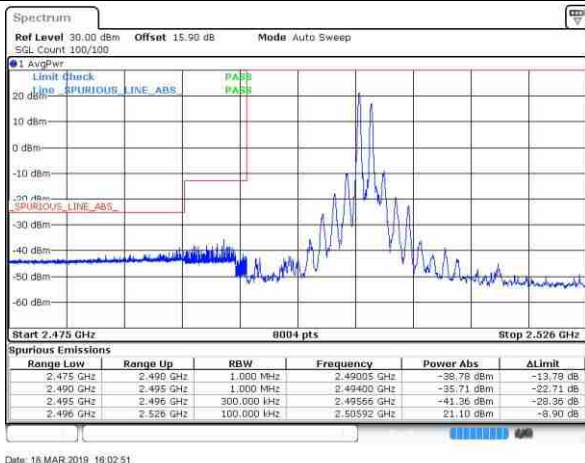
## Lowest Band Edge / 1RB0 and 1RB99



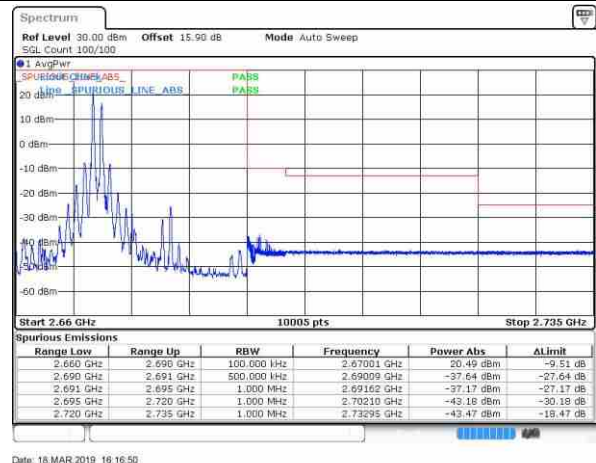
## Highest Band Edge / 1RB0 and 1RB99



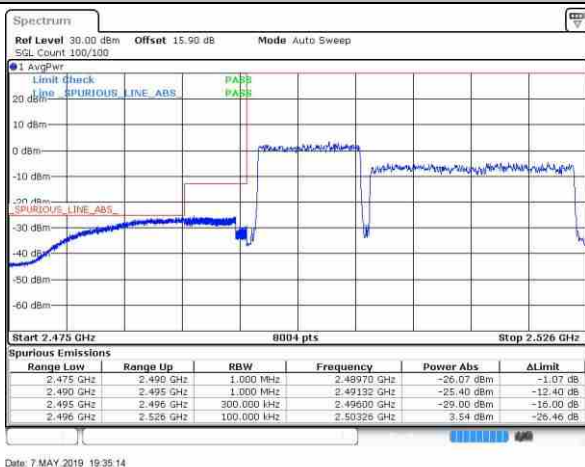
## Lowest Band Edge / 1RB49 and 1RB0



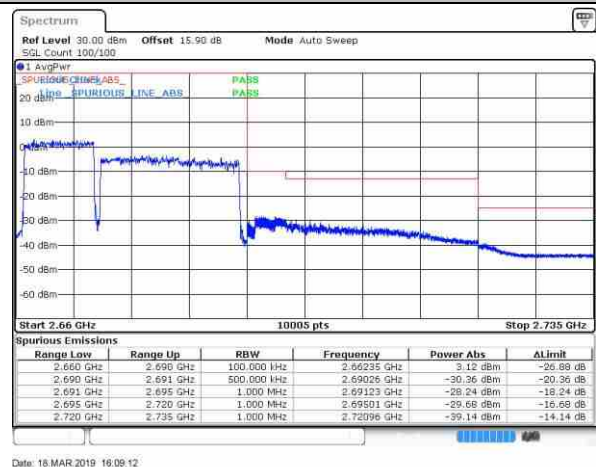
## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



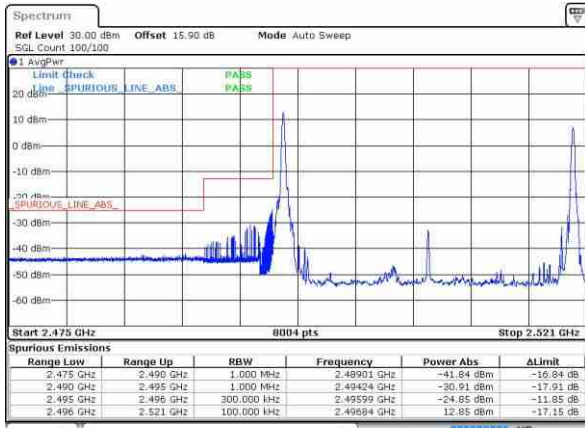




## LTE Band 41 / 15MHz+10MHz

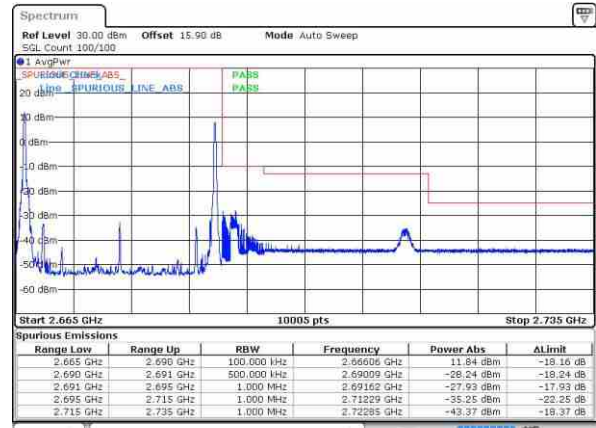
## QPSK

## Lowest Band Edge / 1RB0 and 1RB49



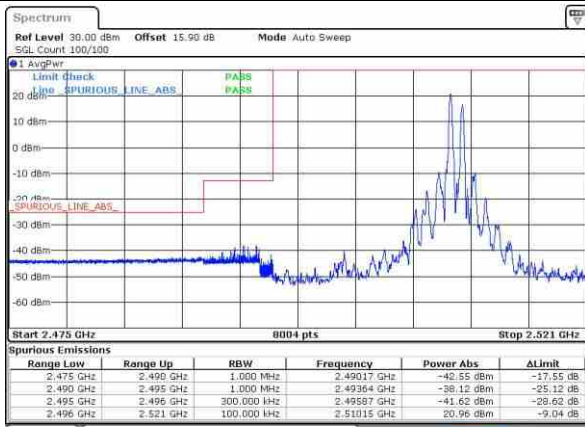
Date: 18 MAR 2019 15:34:35

## Highest Band Edge / 1RB0 and 1RB49



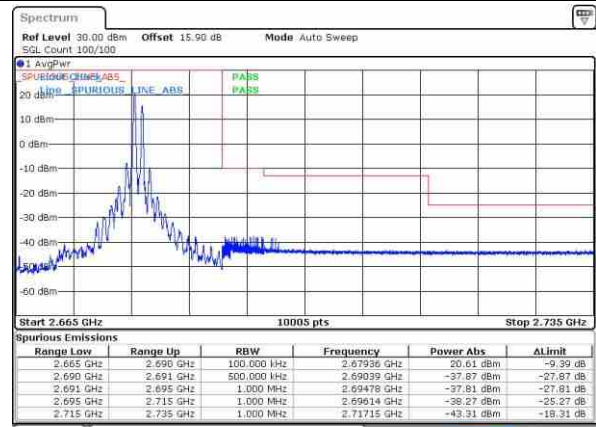
Date: 18 MAR 2019 15:43:25

## Lowest Band Edge / 1RB74 and 1RB0



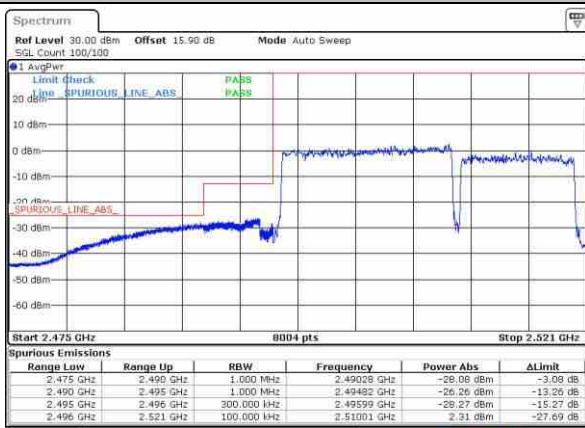
Date: 18 MAR 2019 15:35:50

## Highest Band Edge / 1RB74 and 1RB0



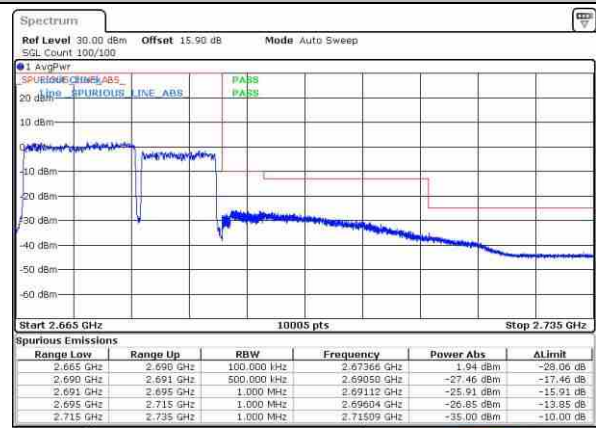
Date: 18 MAR 2019 15:49:46

## Lowest Band Edge / Full RB



Date: 10 MAY 2019 12:05:39

## Highest Band Edge / Full RB



Date: 18 MAR 2019 15:42:09

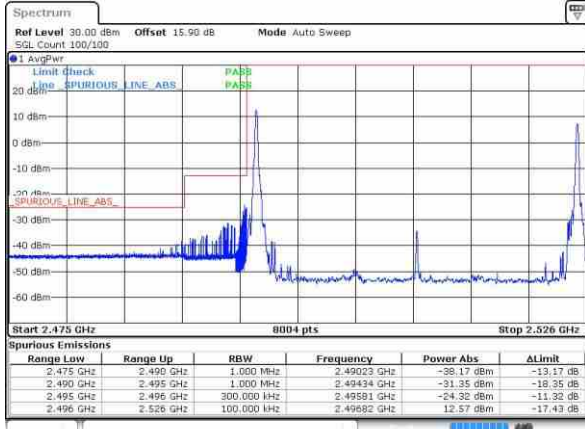




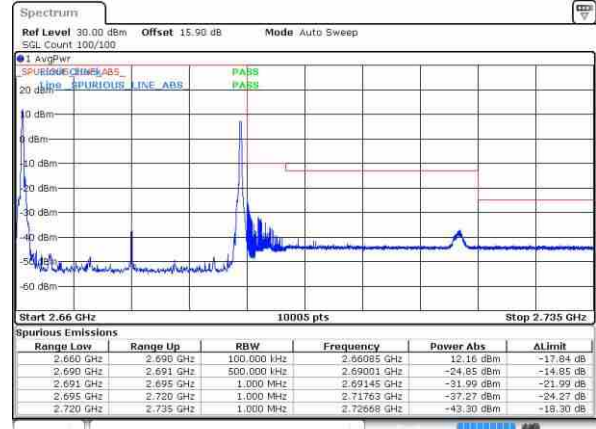
## LTE Band 41 / 15MHz+15MHz

## QPSK

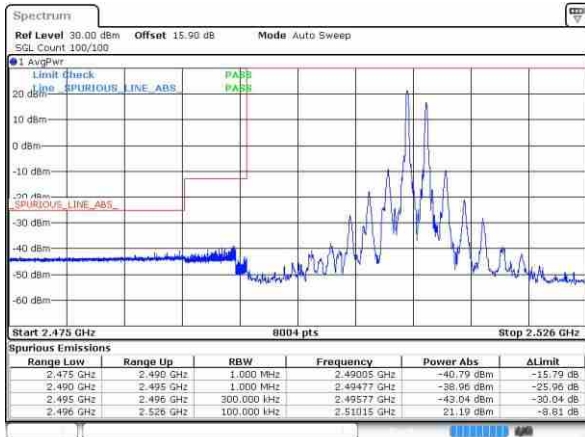
## Lowest Band Edge / 1RB0 and 1RB74



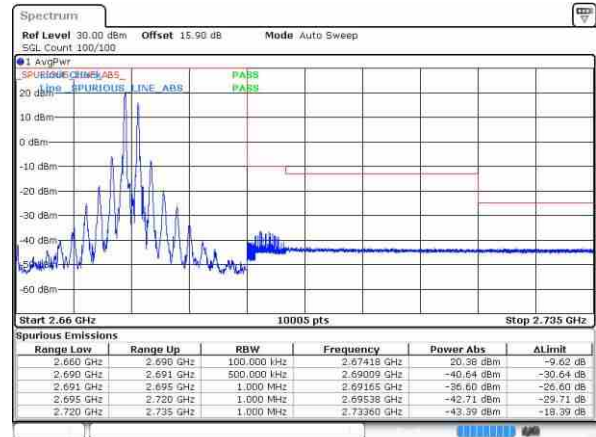
## Highest Band Edge / 1RB0 and 1RB74



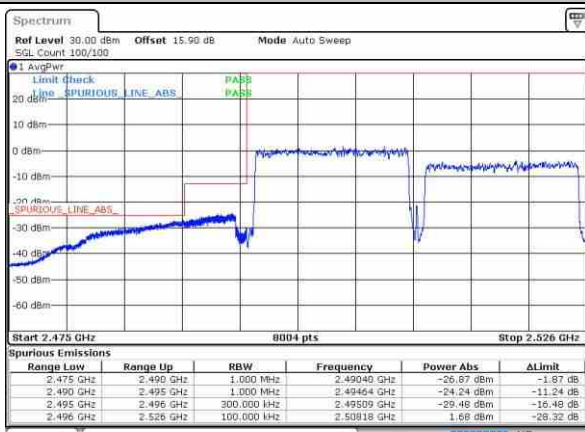
## Lowest Band Edge / 1RB74 and 1RB0



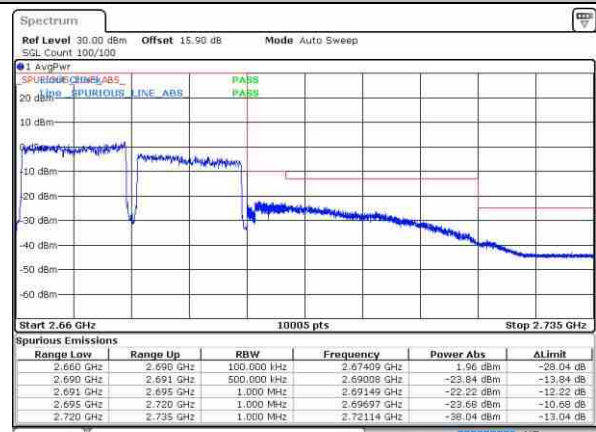
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

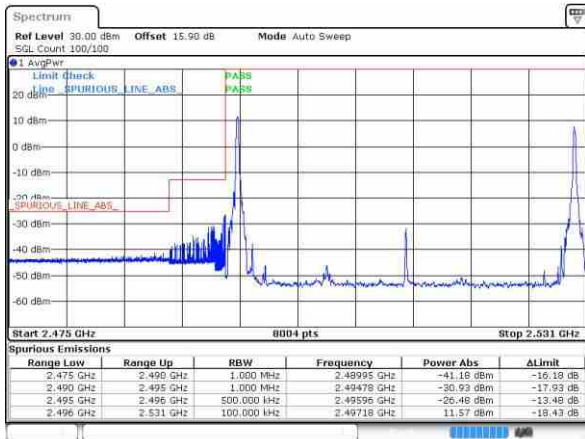




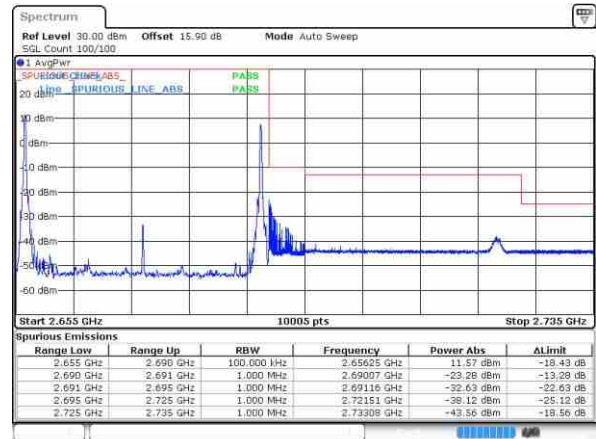
## LTE Band 41 / 15MHz+20MHz

## QPSK

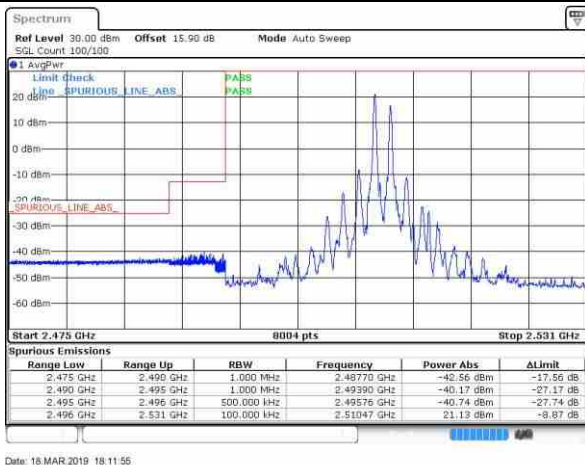
## Lowest Band Edge / 1RB0 and 1RB99



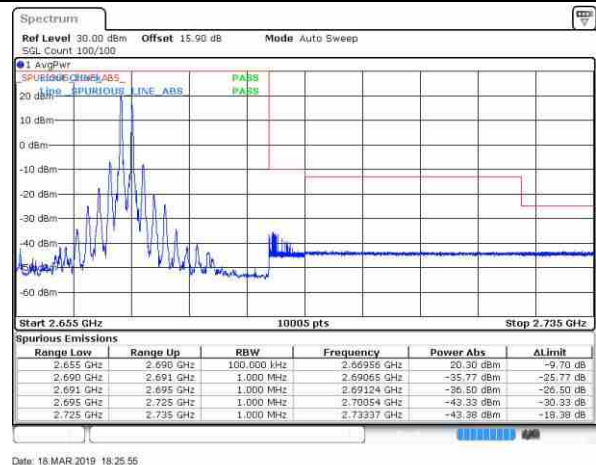
## Highest Band Edge / 1RB0 and 1RB99



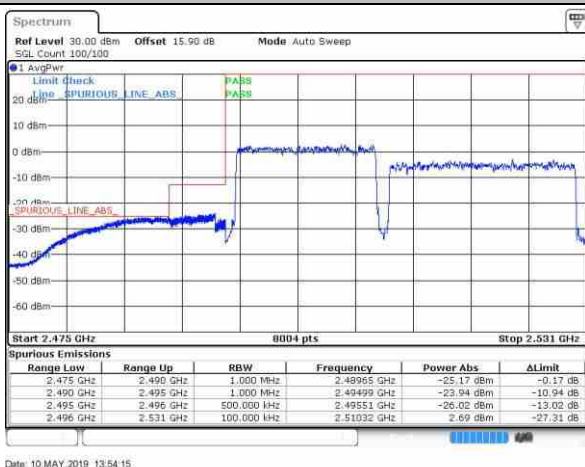
## Lowest Band Edge / 1RB74 and 1RB0



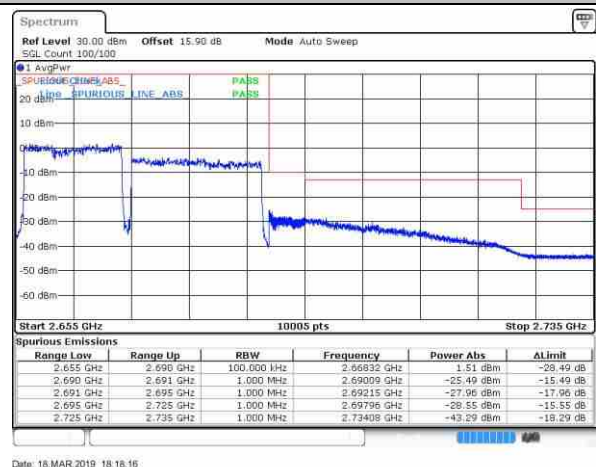
## Highest Band Edge / 1RB74 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



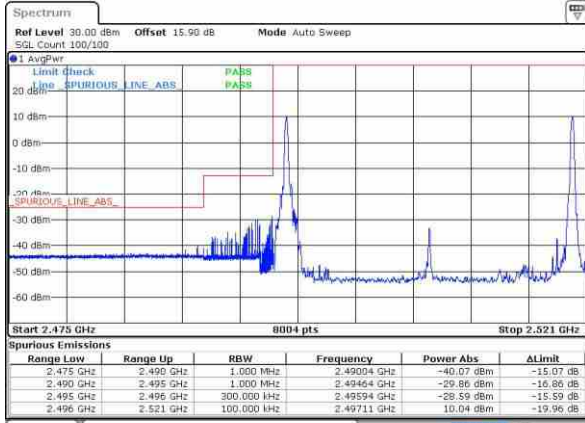




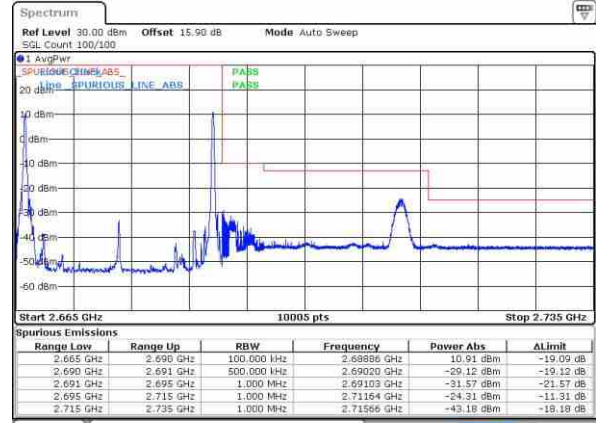
## LTE Band 41 / 20MHz+5MHz

## QPSK

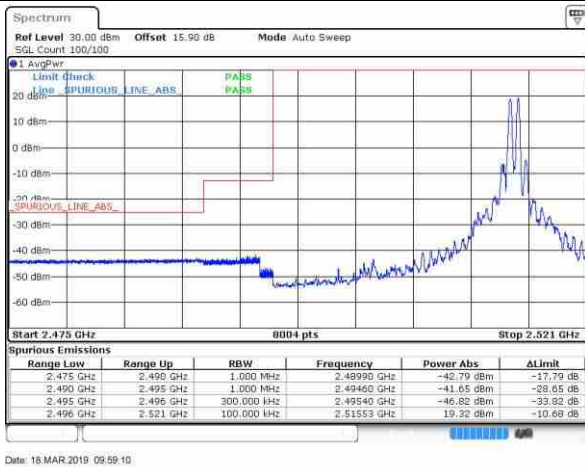
## Lowest Band Edge / 1RB0 and 1RB24



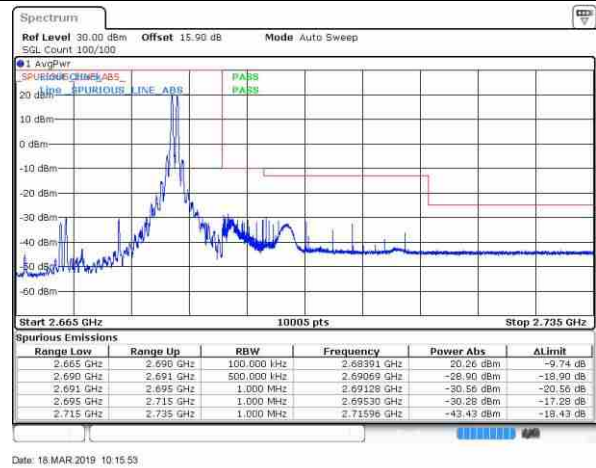
## Highest Band Edge / 1RB0 and 1RB24



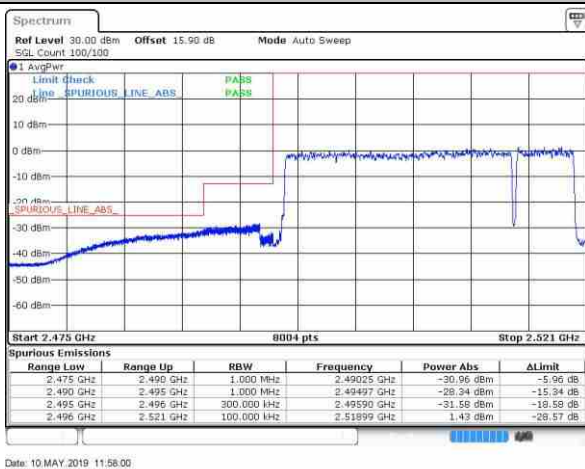
## Lowest Band Edge / 1RB99 and 1RB0



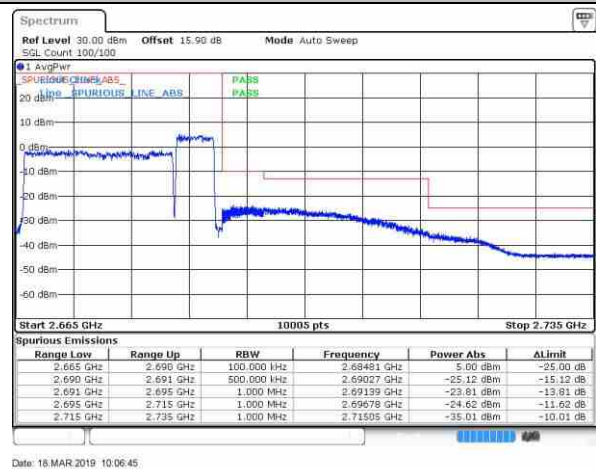
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



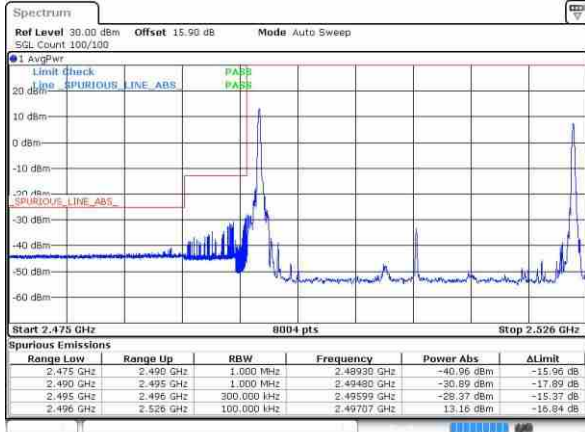




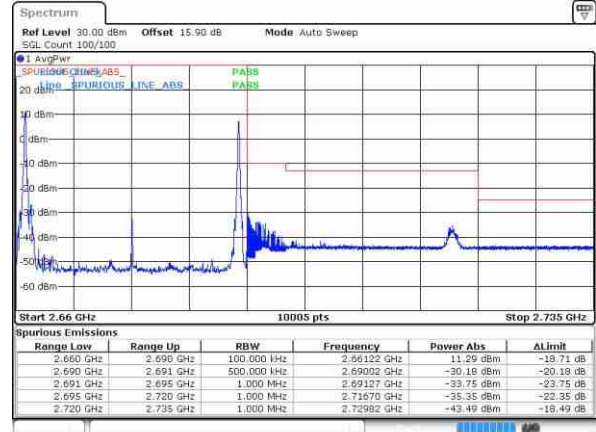
## LTE Band 41 / 20MHz+10MHz

## QPSK

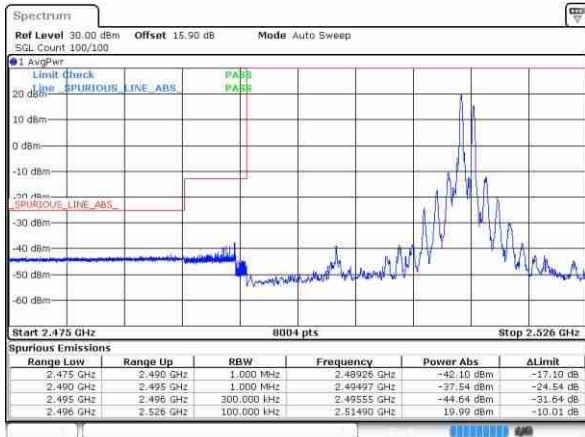
## Lowest Band Edge / 1RB0 and 1RB49



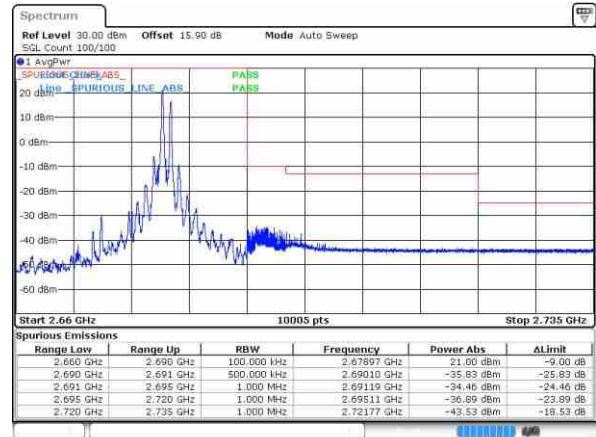
## Highest Band Edge / 1RB0 and 1RB49



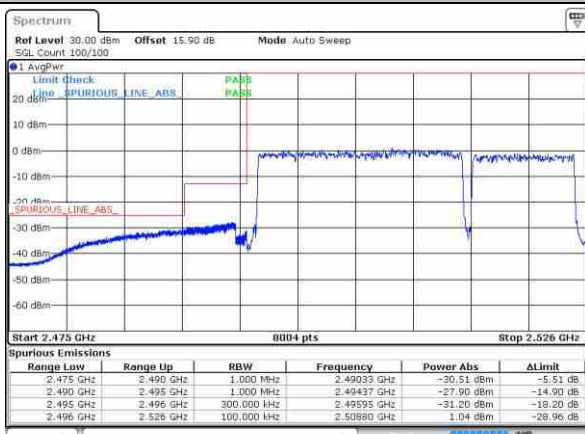
## Lowest Band Edge / 1RB99 and 1RB0



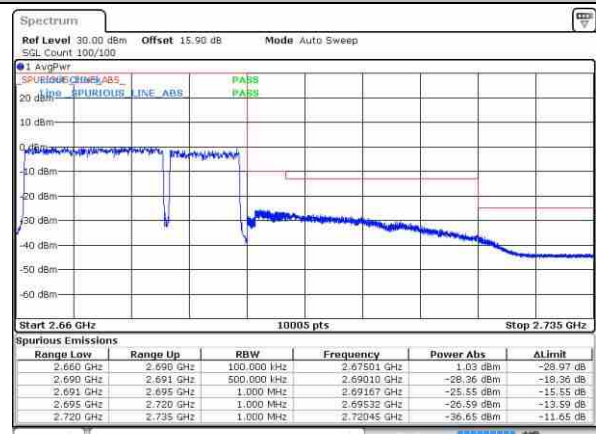
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



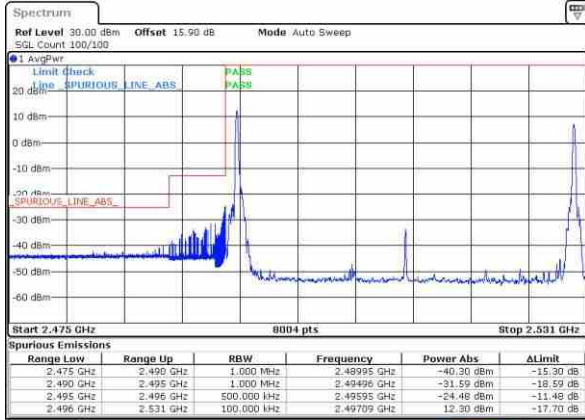




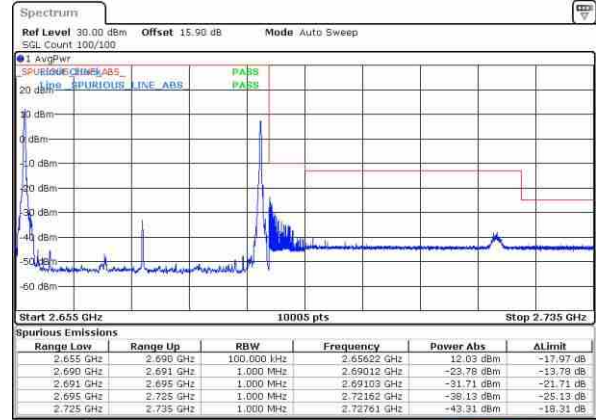
## LTE Band 41 / 20MHz+15MHz

## QPSK

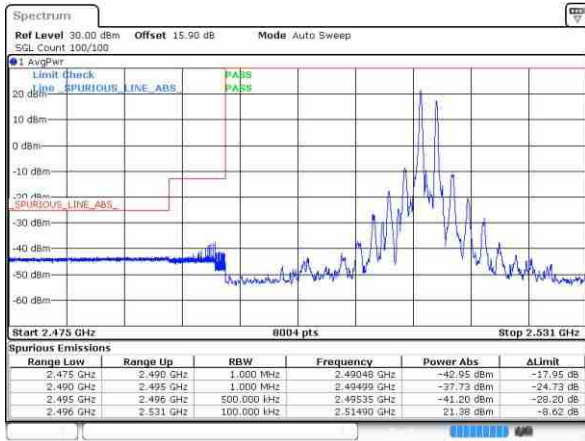
## Lowest Band Edge / 1RB0 and 1RB74



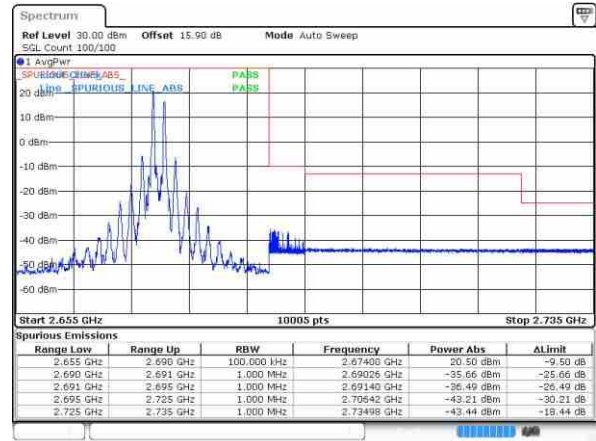
## Highest Band Edge / 1RB0 and 1RB74



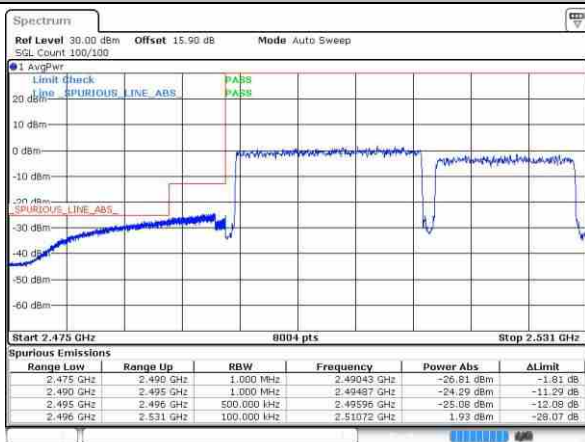
## Lowest Band Edge / 1RB99 and 1RB0



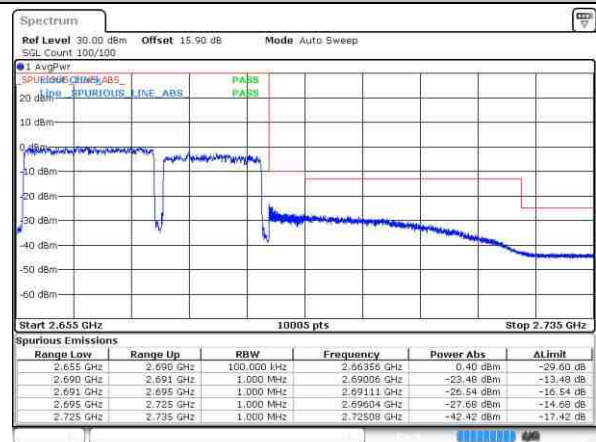
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

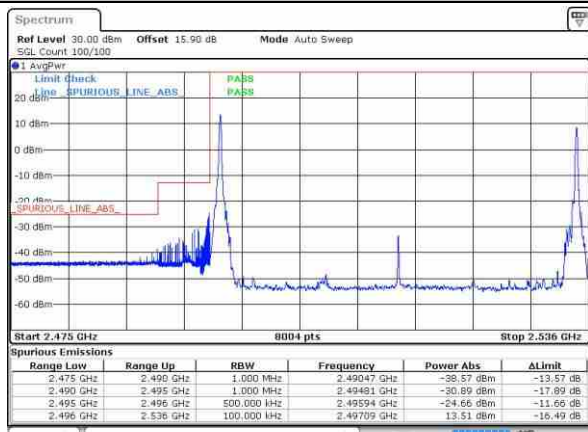




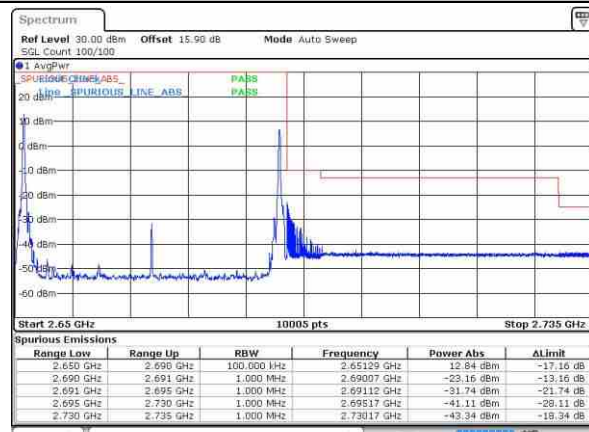
## LTE Band 41 / 20MHz+20MHz

## QPSK

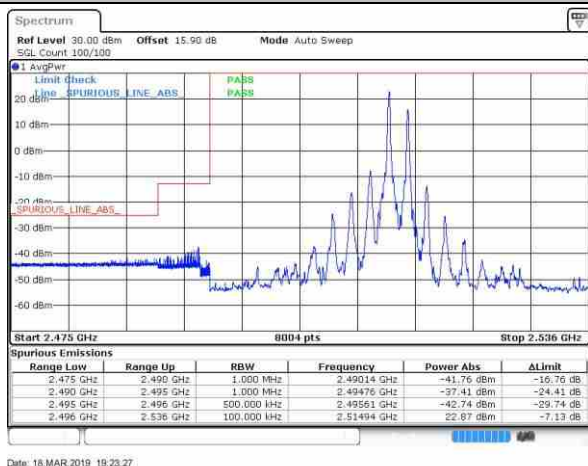
## Lowest Band Edge / 1RB0 and 1RB99



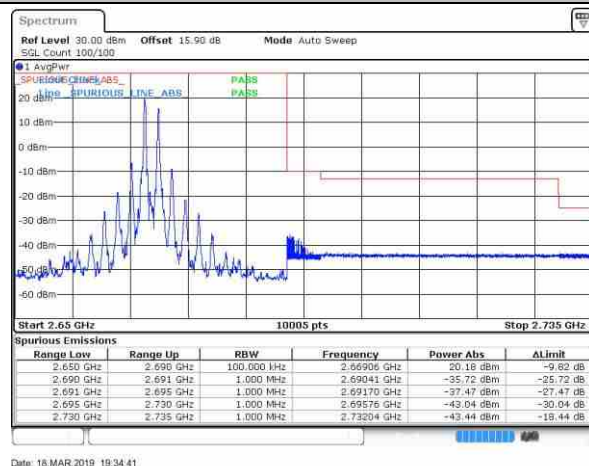
## Highest Band Edge / 1RB0 and 1RB99



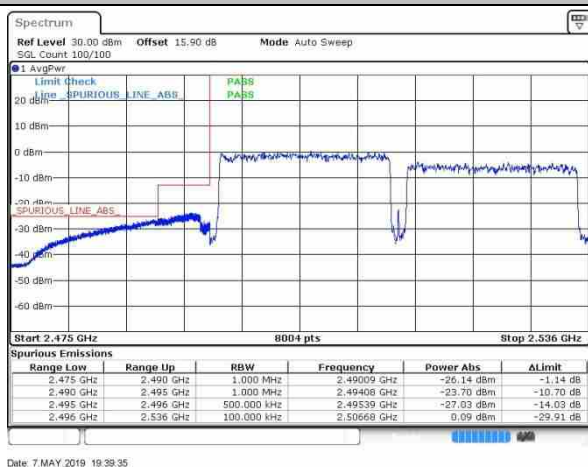
## Lowest Band Edge / 1RB99 and 1RB0



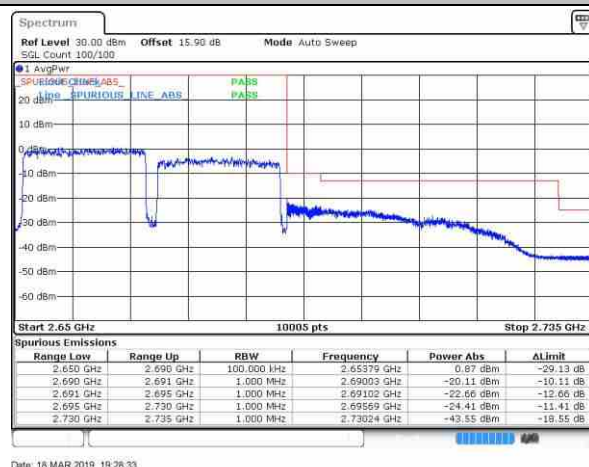
## Highest Band Edge / 1RB99 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

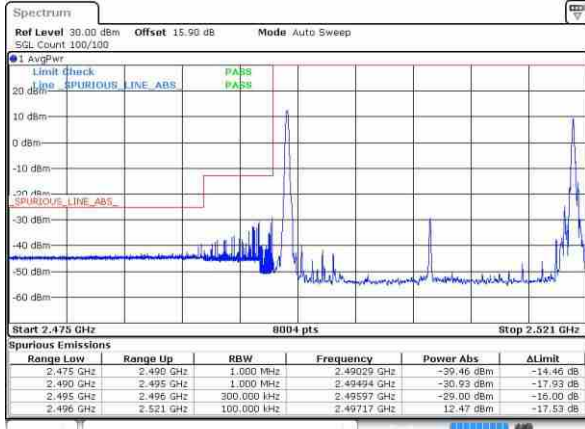




## LTE Band 41 / 5MHz+20MHz

## 16QAM

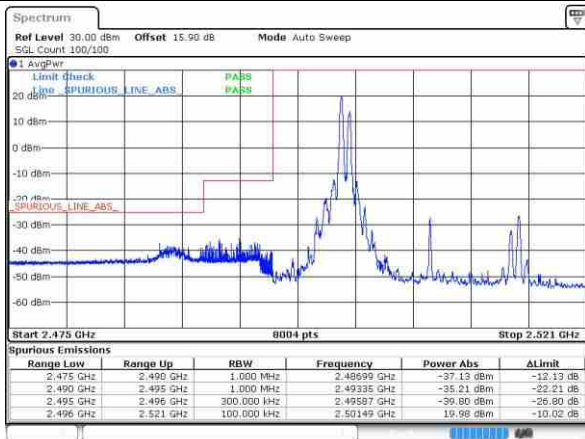
## Lowest Band Edge / 1RB0 and 1RB99



## Highest Band Edge / 1RB0 and 1RB99



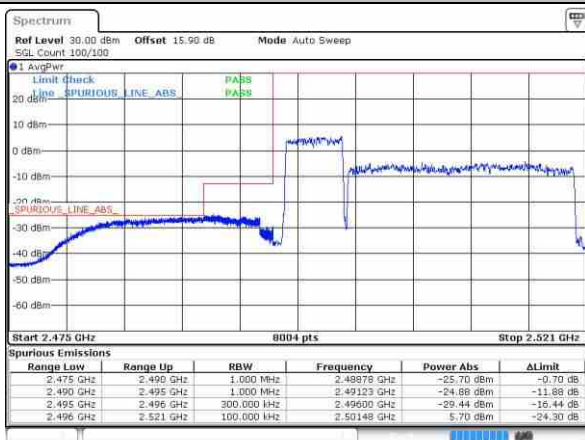
## Lowest Band Edge / 1RB24 and 1RB0



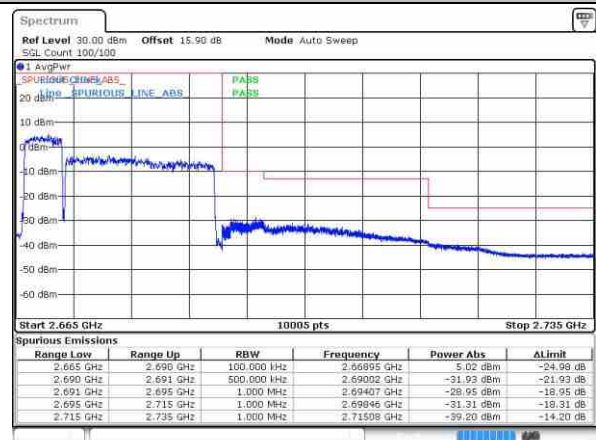
## Highest Band Edge / 1RB24 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



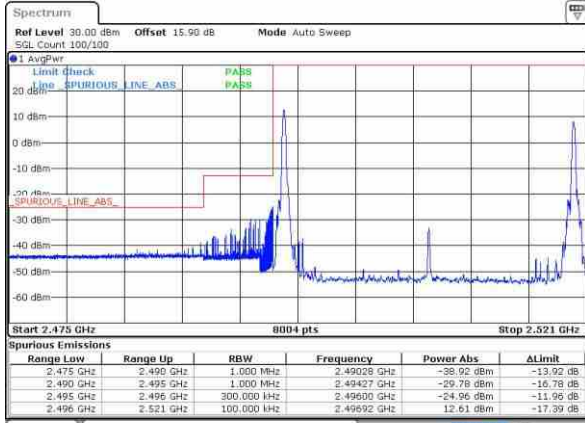




## LTE Band 41 / 10MHz+15MHz

## 16QAM

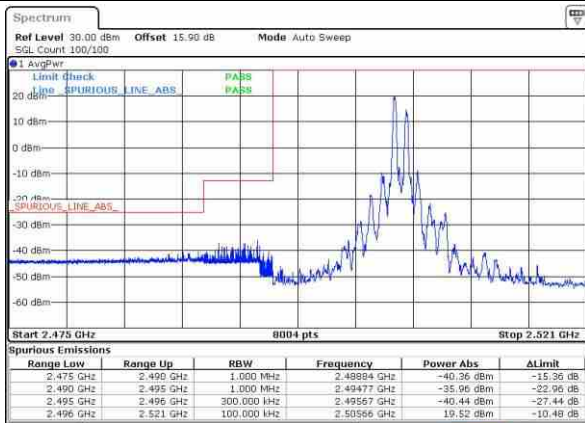
## Lowest Band Edge / 1RB0 and 1RB74



## Highest Band Edge / 1RB0 and 1RB74



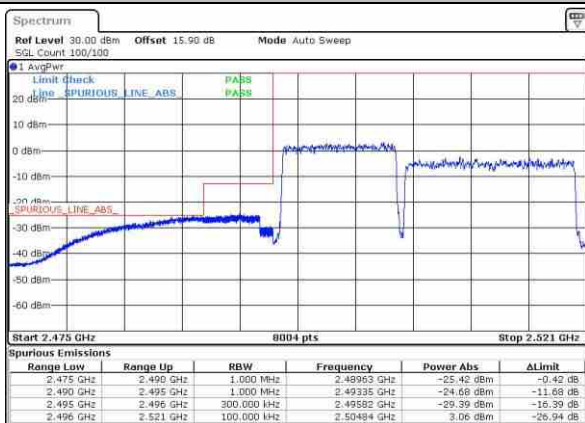
## Lowest Band Edge / 1RB49 and 1RB0



## Highest Band Edge / 1RB49 and 1RB0



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

