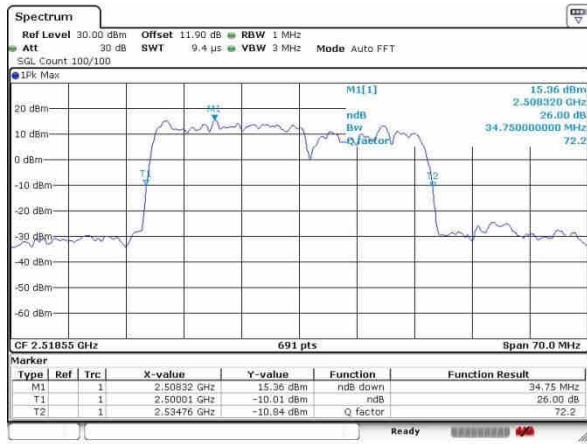




## LTE Band 7

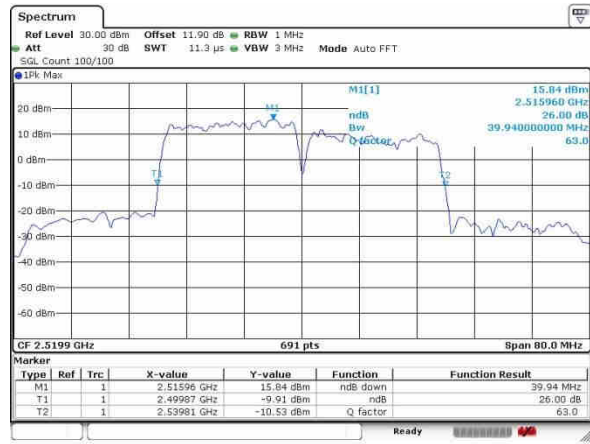
## 64QAM

## Lowest Channel / 20MHz+15MHz



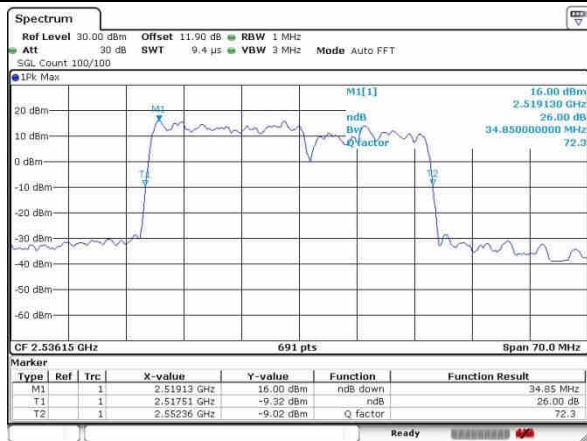
Date: 27 SEP 2017 17:31:57

## Lowest Channel / 20MHz+20MHz



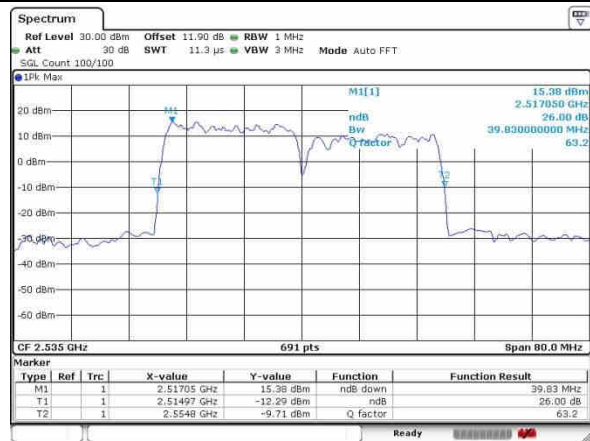
Date: 30 SEP 2017 11:13:20

## Middle Channel / 20MHz+15MHz



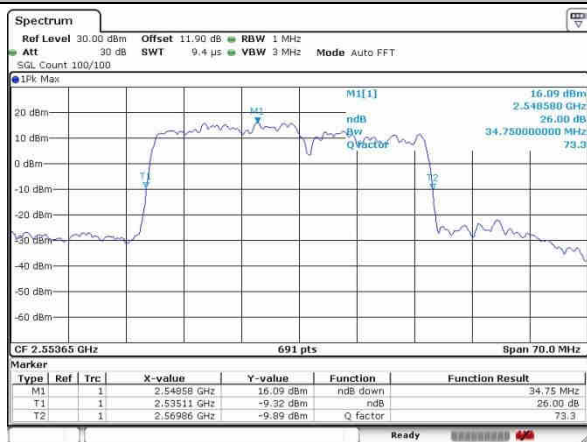
Date: 30 SEP 2017 12:15:51

## Middle Channel / 20MHz+20MHz



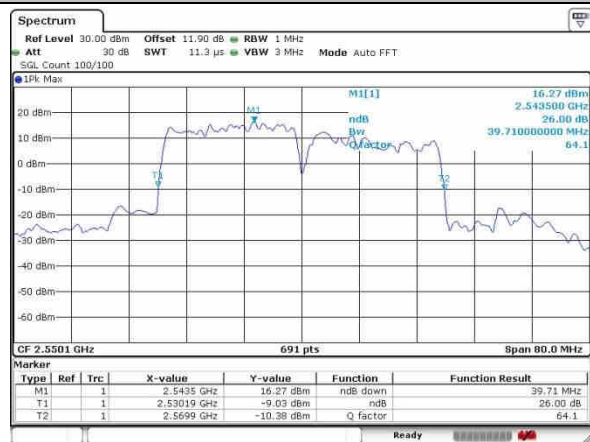
Date: 30 SEP 2017 11:17:32

## Highest Channel / 20MHz+15MHz



Date: 30 SEP 2017 12:17:53

## Highest Channel / 20MHz+20MHz



Date: 30 SEP 2017 11:20:13

**Occupied Bandwidth**

| Mode       | LTE Band 7 : 99%OBW(MHz) |             |             |
|------------|--------------------------|-------------|-------------|
| QPSK       |                          |             |             |
| BW         | 10MHz+20MHz              | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH  | 27.7                     | 27.96       | 32.72       |
| Middle CH  | 27.87                    | 28.65       | 32.62       |
| Highest CH | 28.05                    | 28.22       | 32.42       |
| BW         | 20MHz+10MHz              | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 28.05                    | 32.42       | 37.51       |
| Middle CH  | 28.05                    | 32.82       | 37.4        |
| Highest CH | 27.79                    | 32.72       | 37.51       |

| Mode       | LTE Band 7 : 99%OBW(MHz) |             |             |
|------------|--------------------------|-------------|-------------|
| 16QAM      |                          |             |             |
| BW         | 10MHz+20MHz              | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH  | 27.7                     | 28.22       | 32.92       |
| Middle CH  | 28.13                    | 28.65       | 32.62       |
| Highest CH | 28.22                    | 28.22       | 32.42       |
| BW         | 20MHz+10MHz              | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 27.79                    | 32.92       | 37.74       |
| Middle CH  | 28.05                    | 33.02       | 37.63       |
| Highest CH | 27.87                    | 32.42       | 37.16       |

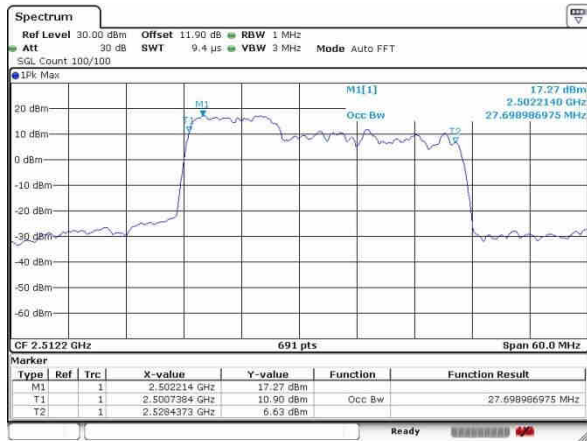
| Mode       | LTE Band 7 : 99%OBW(MHz) |             |             |
|------------|--------------------------|-------------|-------------|
| 64QAM      |                          |             |             |
| BW         | 10MHz+20MHz              | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH  | 27.53                    | 28.31       | 32.42       |
| Middle CH  | 27.7                     | 28.57       | 32.72       |
| Highest CH | 27.7                     | 28.57       | 32.42       |
| BW         | 20MHz+10MHz              | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 28.05                    | 32.62       | 37.74       |
| Middle CH  | 28.13                    | 32.82       | 37.28       |
| Highest CH | 28.13                    | 32.42       | 37.04       |



## LTE Band 7

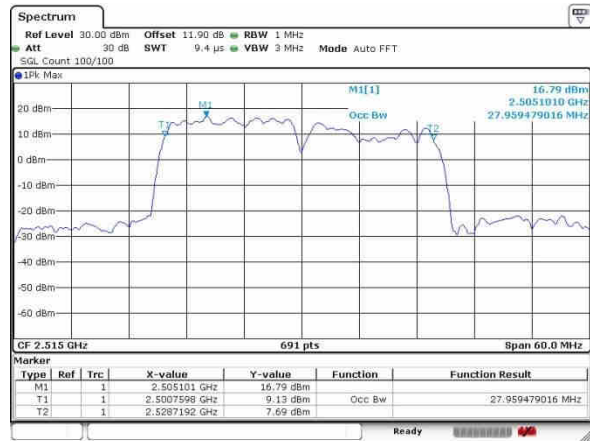
## QPSK

## Lowest Channel / 10MHz+20MHz



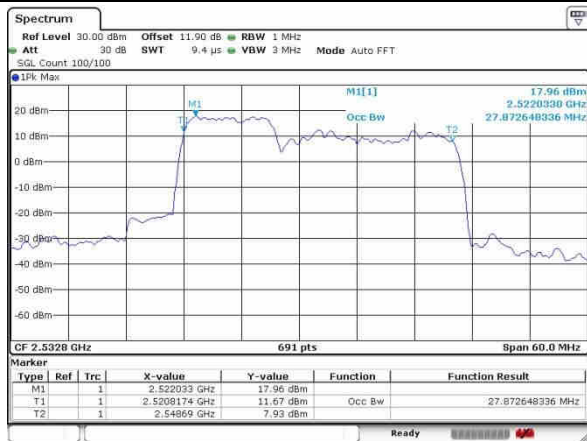
Date: 27 SEP 2017 11:05:08

## Lowest Channel / 15MHz+15MHz



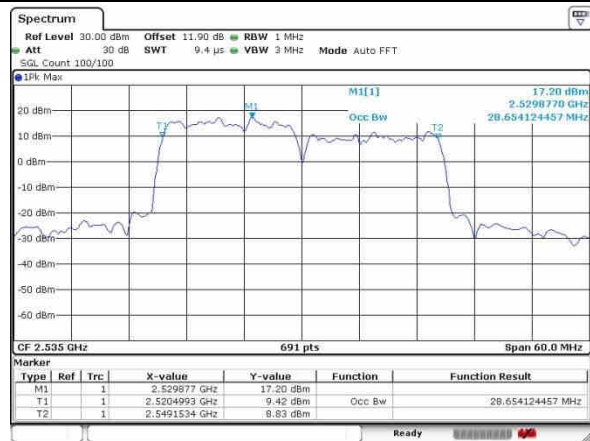
Date: 27 SEP 2017 15:18:27

## Middle Channel / 10MHz+20MHz



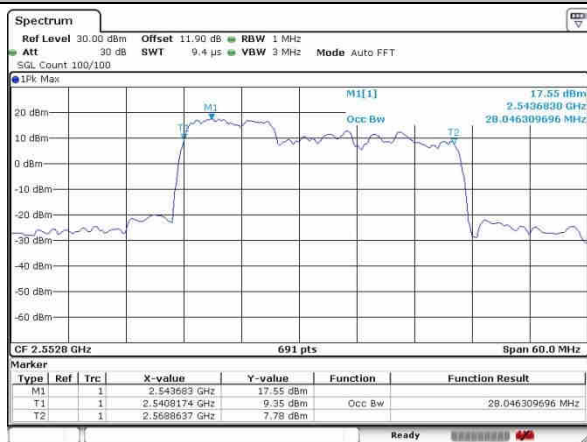
Date: 27 SEP 2017 13:42:34

## Middle Channel / 15MHz+15MHz



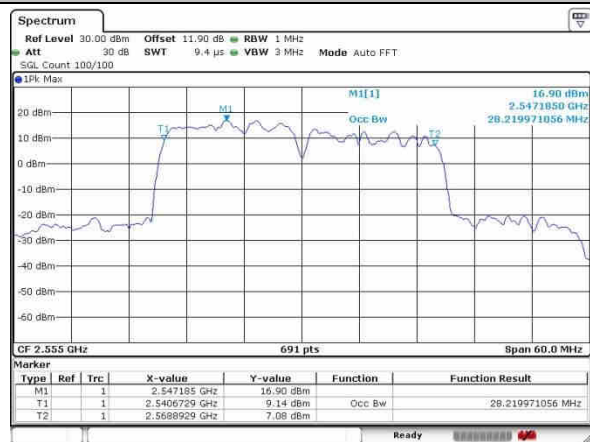
Date: 27 SEP 2017 16:00:29

## Highest Channel / 10MHz+20MHz



Date: 27 SEP 2017 13:48:48

## Highest Channel / 15MHz+15MHz



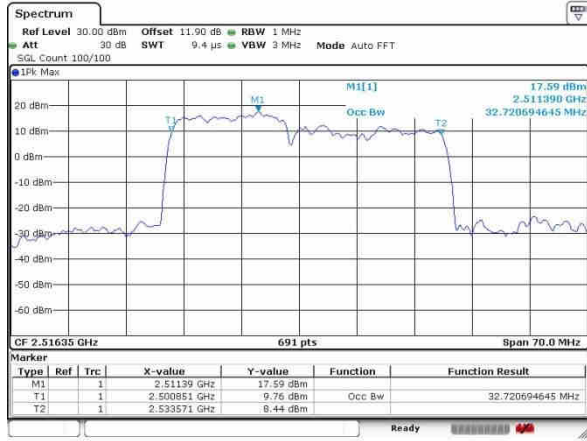
Date: 27 SEP 2017 16:08:20



## LTE Band 7

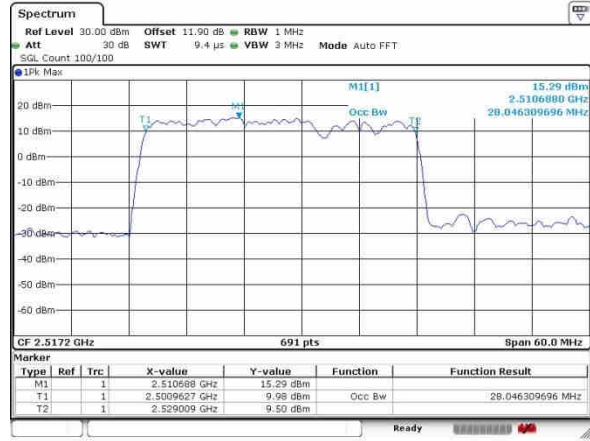
## QPSK

## Lowest Channel / 15MHz+20MHz



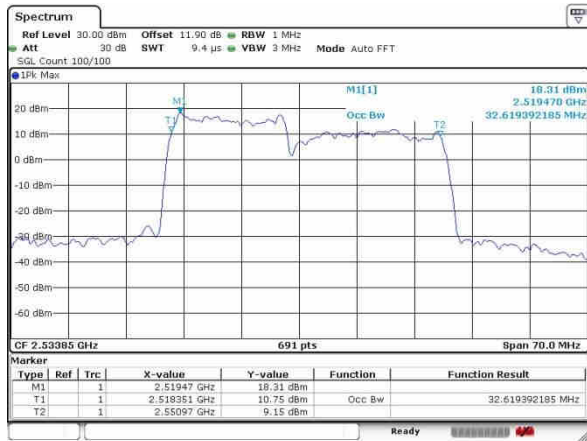
Date: 30 SEP 2017 12:05:08

## Lowest Channel / 20MHz+10MHz



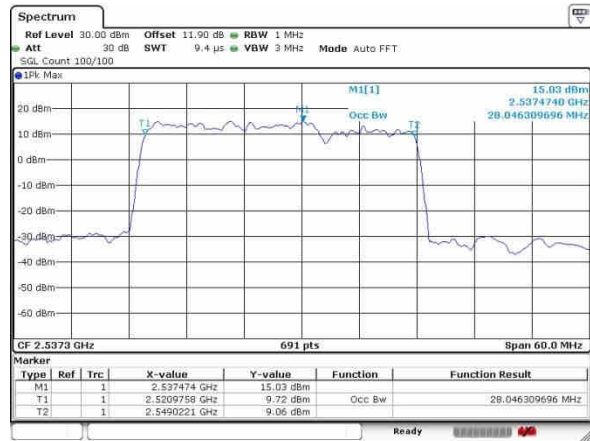
Date: 27 SEP 2017 13:58:52

## Middle Channel / 15MHz+20MHz



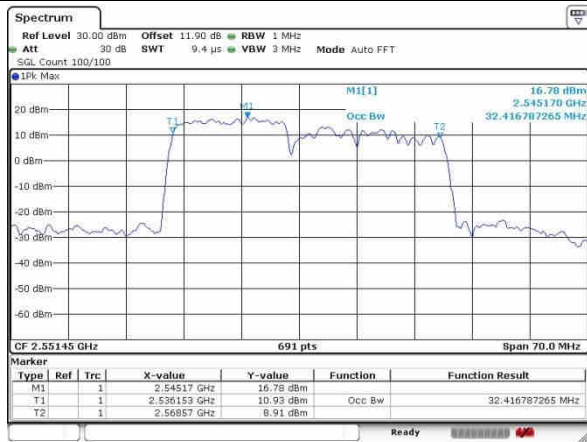
Date: 30 SEP 2017 12:08:55

## Middle Channel / 20MHz+10MHz



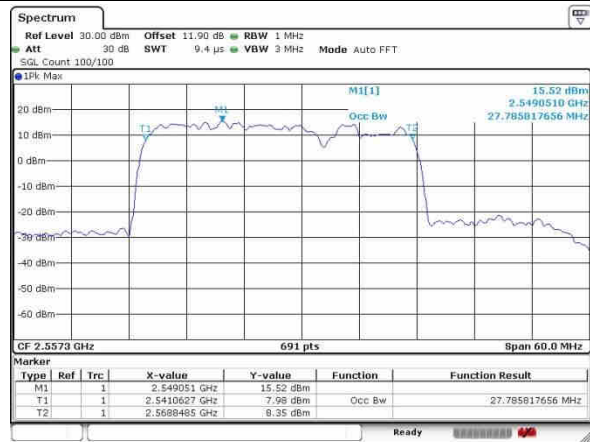
Date: 27 SEP 2017 15:00:42

## Highest Channel / 15MHz+20MHz



Date: 30 SEP 2017 12:32:08

## Highest Channel / 20MHz+10MHz



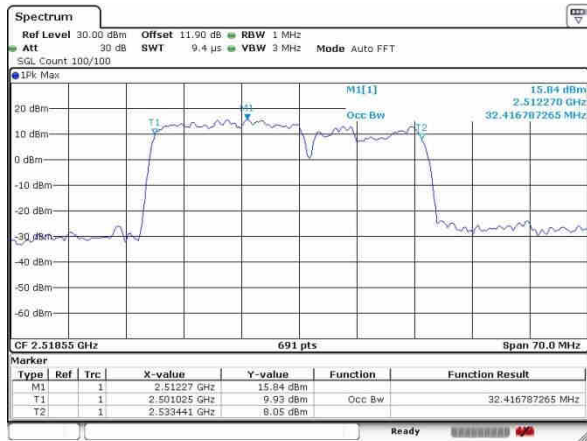
Date: 27 SEP 2017 15:07:31



## LTE Band 7

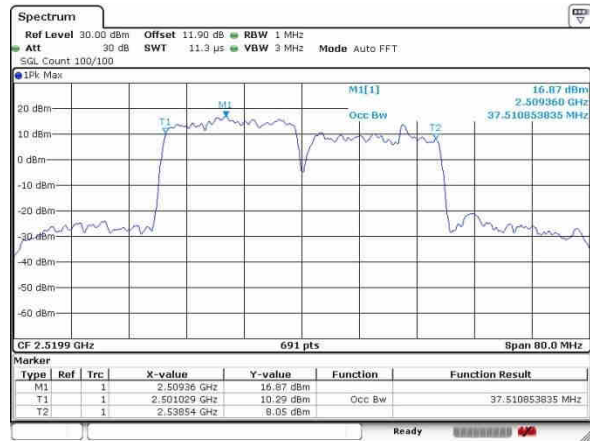
## QPSK

## Lowest Channel / 20MHz+15MHz



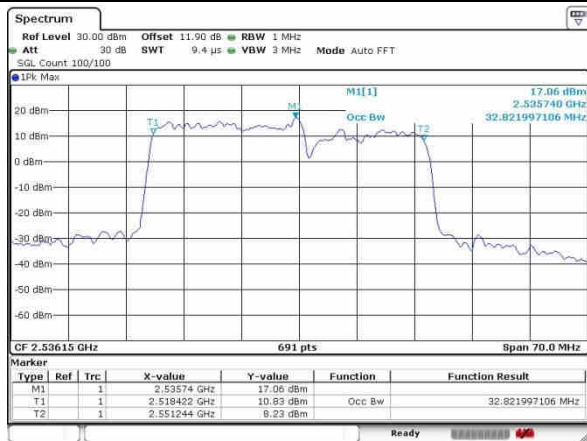
Date: 27 SEP 2017 17:25:58

## Lowest Channel / 20MHz+20MHz



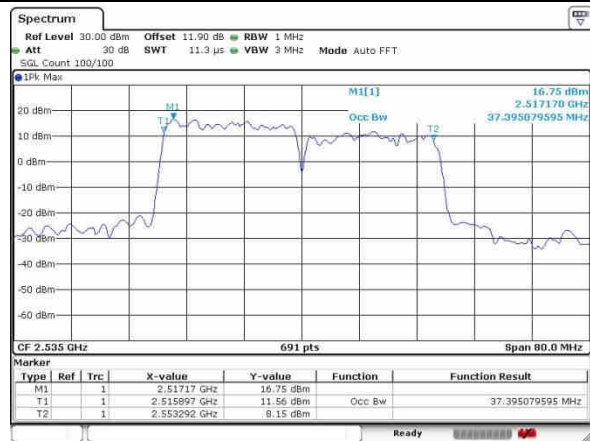
Date: 30 SEP 2017 11:12:41

## Middle Channel / 20MHz+15MHz



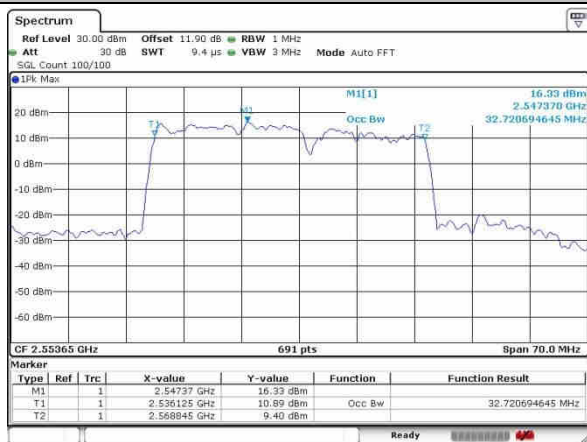
Date: 30 SEP 2017 12:16:23

## Middle Channel / 20MHz+20MHz



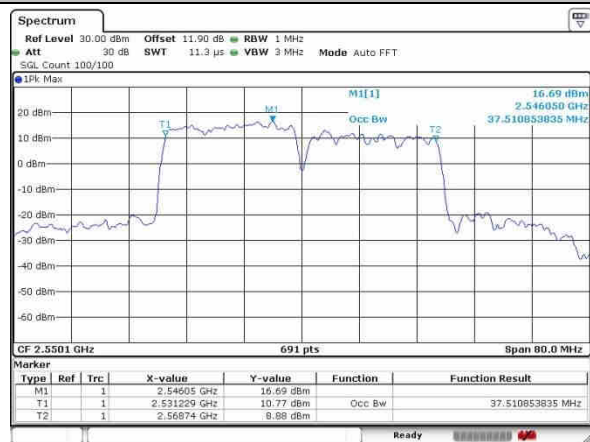
Date: 30 SEP 2017 11:18:19

## Highest Channel / 20MHz+15MHz



Date: 30 SEP 2017 12:24:13

## Highest Channel / 20MHz+20MHz



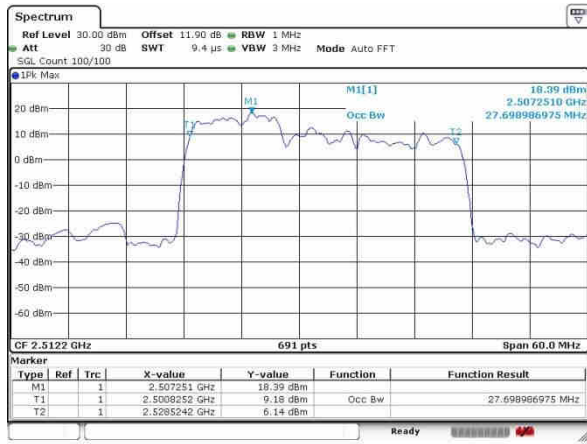
Date: 30 SEP 2017 11:19:15



## LTE Band 7

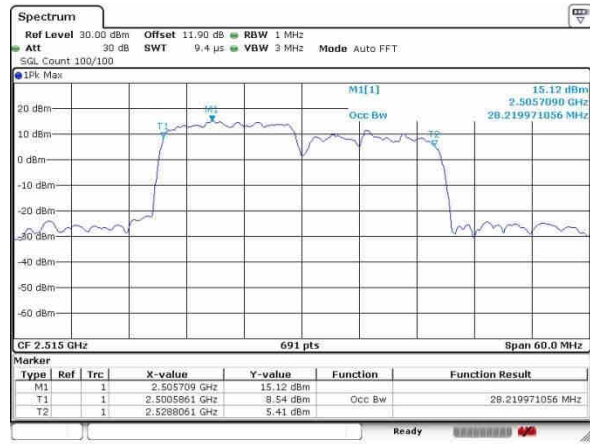
## 16QAM

## Lowest Channel / 10MHz+20MHz



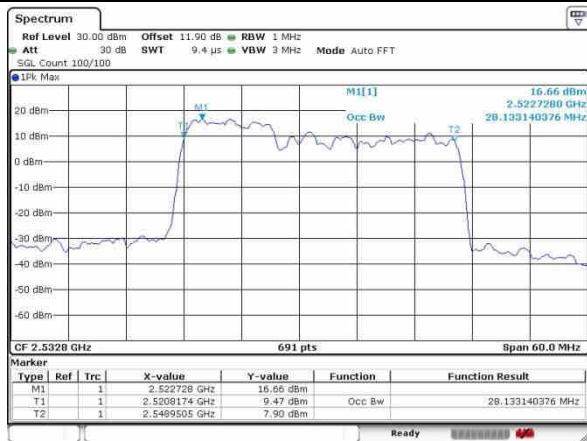
Date: 27 SEP 2017 11:05:19

## Lowest Channel / 15MHz+15MHz



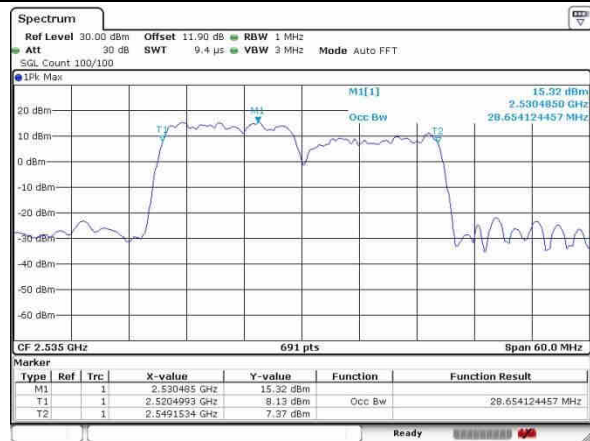
Date: 27 SEP 2017 15:18:38

## Middle Channel / 10MHz+20MHz



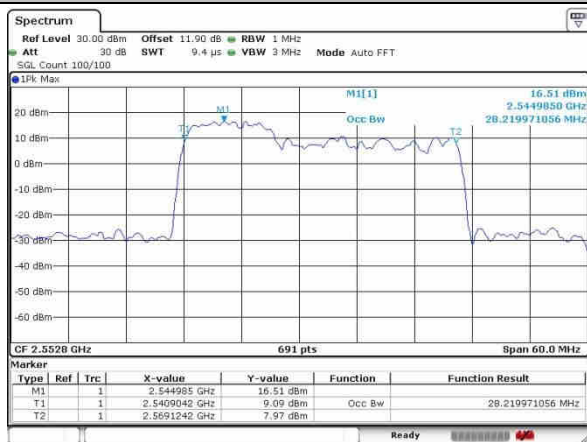
Date: 27 SEP 2017 13:42:47

## Middle Channel / 15MHz+15MHz



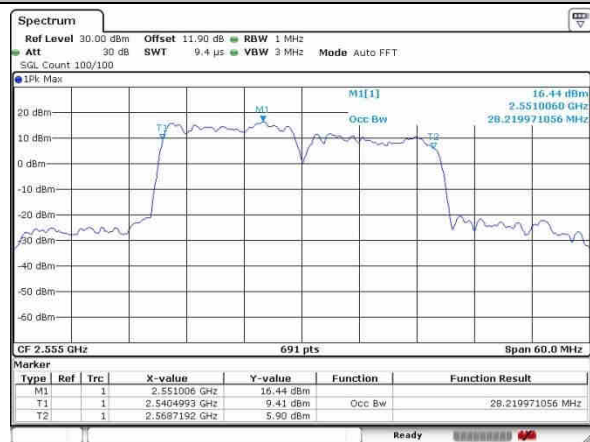
Date: 27 SEP 2017 16:00:46

## Highest Channel / 10MHz+20MHz



Date: 27 SEP 2017 13:48:36

## Highest Channel / 15MHz+15MHz



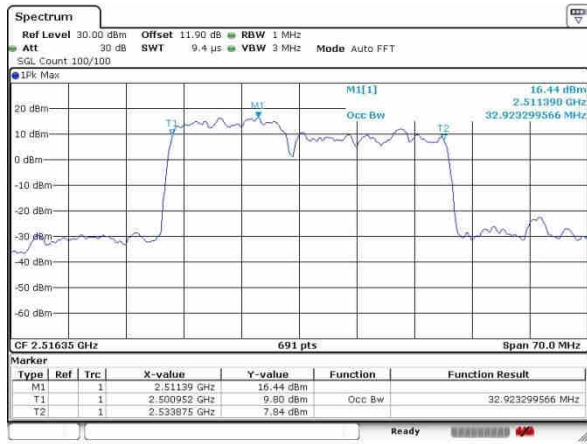
Date: 27 SEP 2017 16:08:10



## LTE Band 7

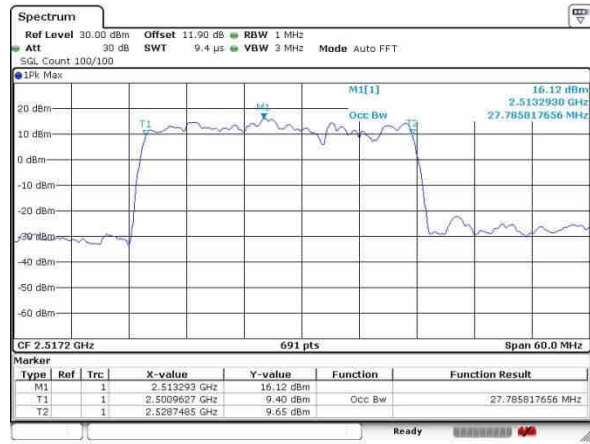
## 16QAM

## Lowest Channel / 15MHz+20MHz



Date: 30 SEP 2017 12:05:47

## Lowest Channel / 20MHz+10MHz



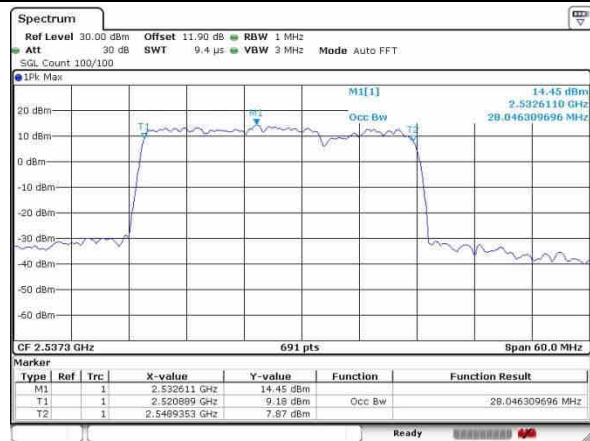
Date: 27 SEP 2017 13:59:03

## Middle Channel / 15MHz+20MHz



Date: 30 SEP 2017 12:08:48

## Middle Channel / 20MHz+10MHz



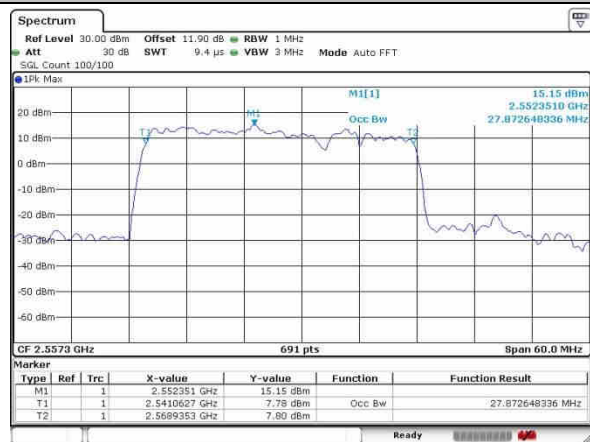
Date: 27 SEP 2017 15:00:53

## Highest Channel / 15MHz+20MHz



Date: 30 SEP 2017 12:10:09

## Highest Channel / 20MHz+10MHz



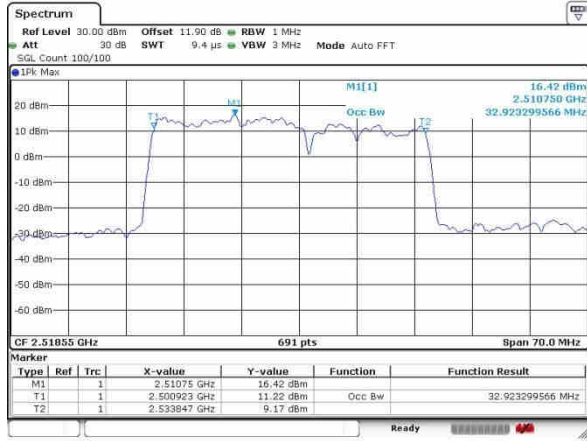
Date: 27 SEP 2017 15:07:19



## LTE Band 7

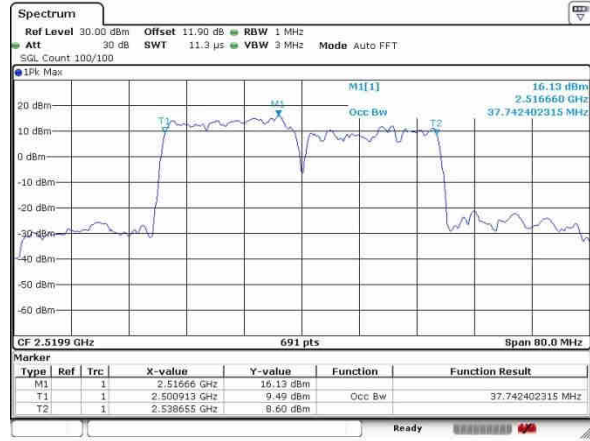
## 16QAM

## Lowest Channel / 20MHz+15MHz



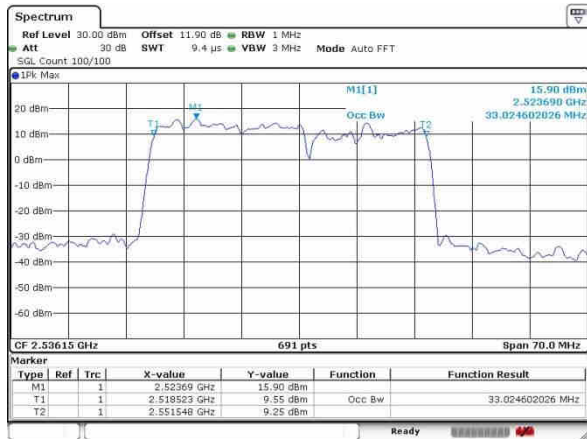
Date: 27 SEP 2017 17:27:53

## Lowest Channel / 20MHz+20MHz



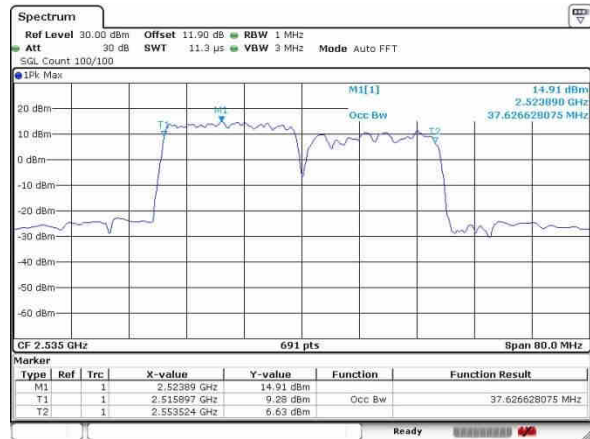
Date: 30 SEP 2017 11:12:51

## Middle Channel / 20MHz+15MHz



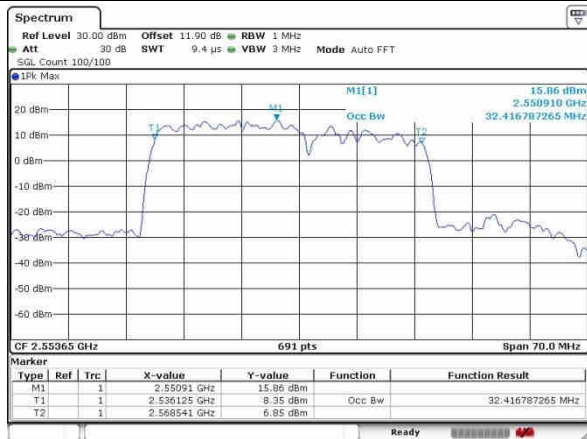
Date: 30 SEP 2017 12:16:12

## Middle Channel / 20MHz+20MHz



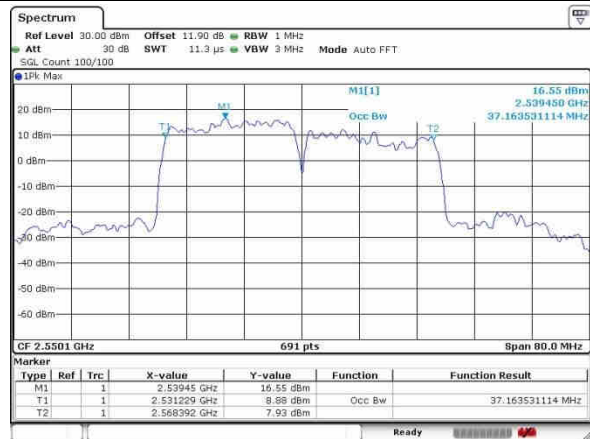
Date: 30 SEP 2017 11:18:06

## Highest Channel / 20MHz+15MHz



Date: 30 SEP 2017 12:17:20

## Highest Channel / 20MHz+20MHz



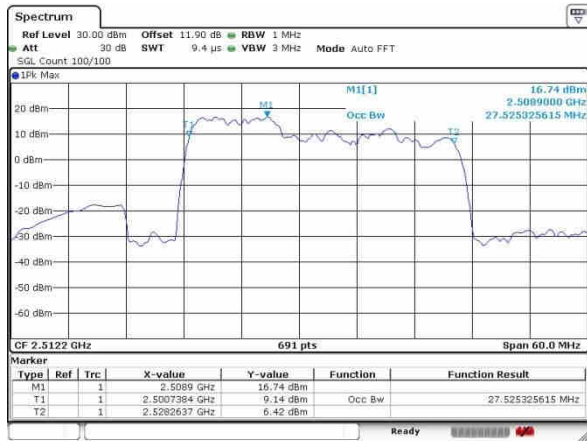
Date: 30 SEP 2017 11:19:25



## LTE Band 7

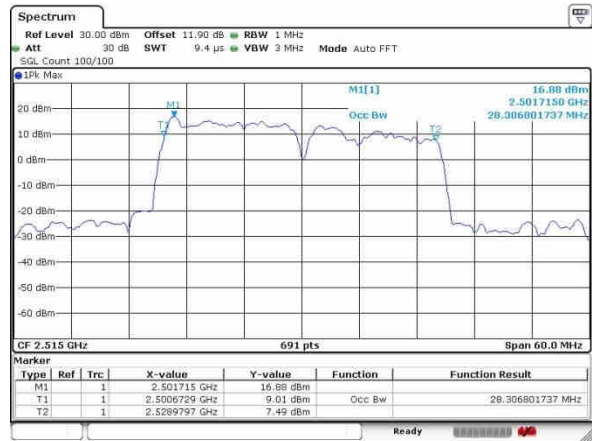
## 64QAM

## Lowest Channel / 10MHz+20MHz



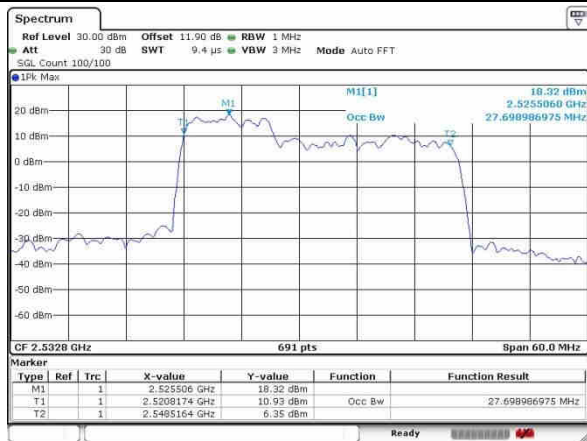
Date: 27 SEP 2017 11:05:32

## Lowest Channel / 15MHz+15MHz



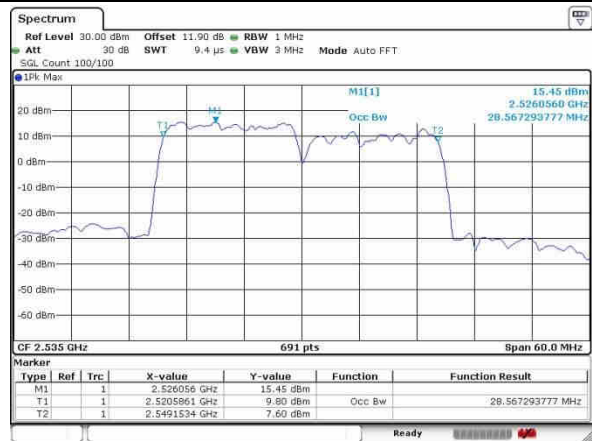
Date: 27 SEP 2017 15:18:53

## Middle Channel / 10MHz+20MHz



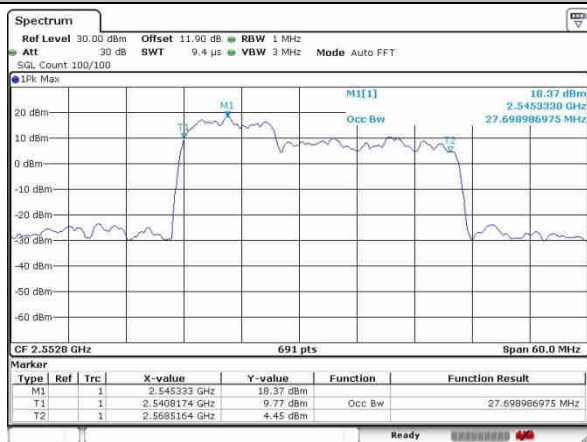
Date: 27 SEP 2017 13:42:59

## Middle Channel / 15MHz+15MHz



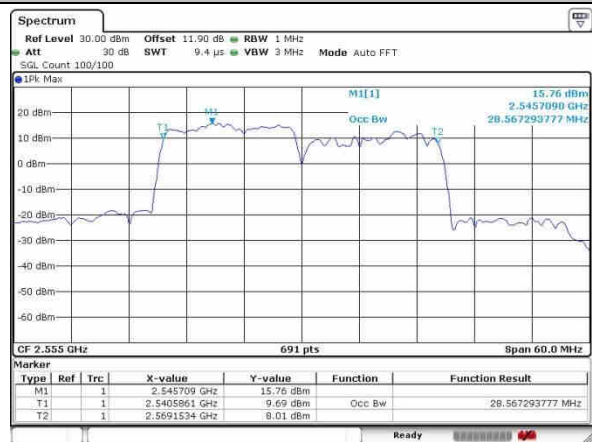
Date: 27 SEP 2017 16:00:56

## Highest Channel / 10MHz+20MHz



Date: 27 SEP 2017 13:48:27

## Highest Channel / 15MHz+15MHz



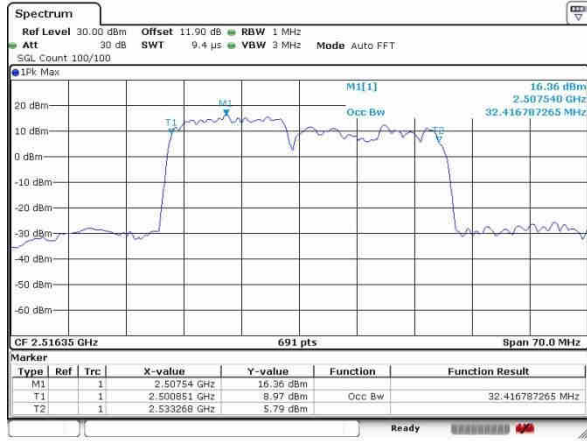
Date: 27 SEP 2017 16:05:59



## LTE Band 7

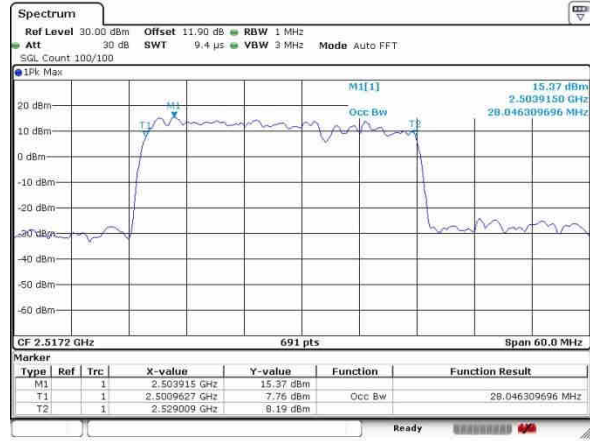
## 64QAM

## Lowest Channel / 15MHz+20MHz



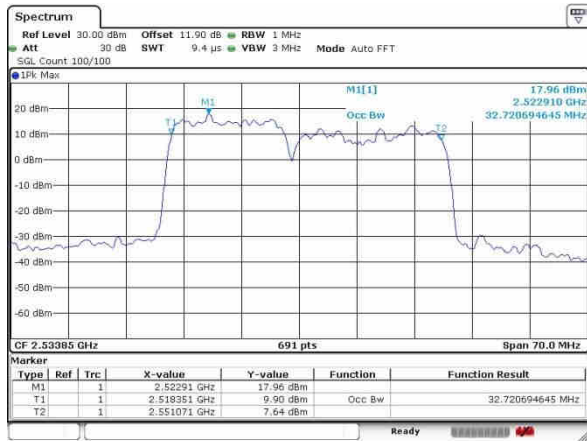
Date: 30 SEP 2017 12:05:58

## Lowest Channel / 20MHz+10MHz



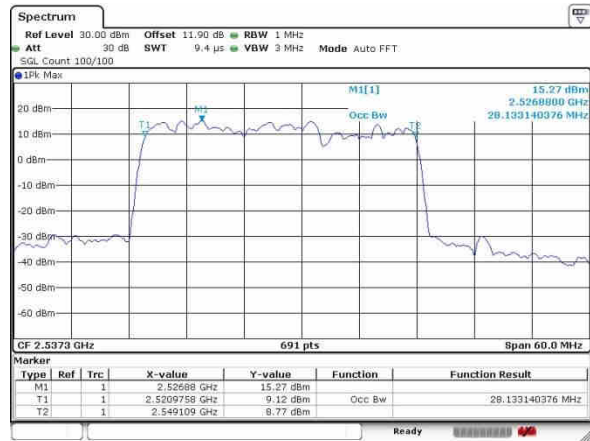
Date: 27 SEP 2017 13:59:17

## Middle Channel / 15MHz+20MHz



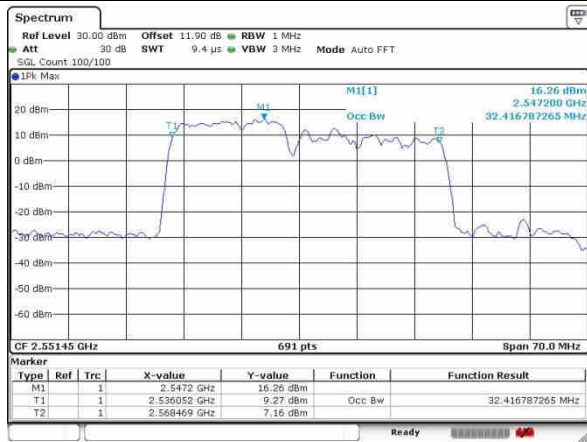
Date: 30 SEP 2017 12:08:36

## Middle Channel / 20MHz+10MHz



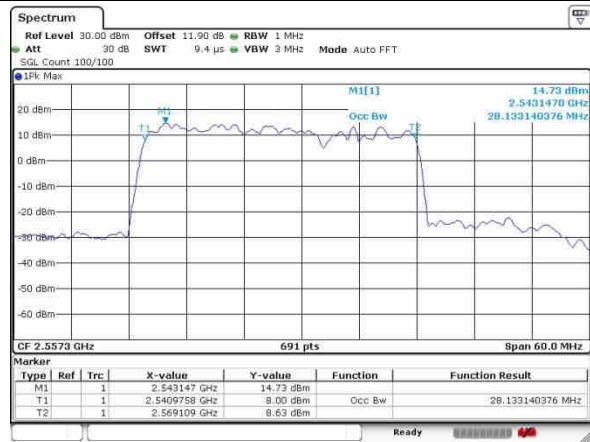
Date: 27 SEP 2017 15:01:03

## Highest Channel / 15MHz+20MHz



Date: 30 SEP 2017 12:10:19

## Highest Channel / 20MHz+10MHz



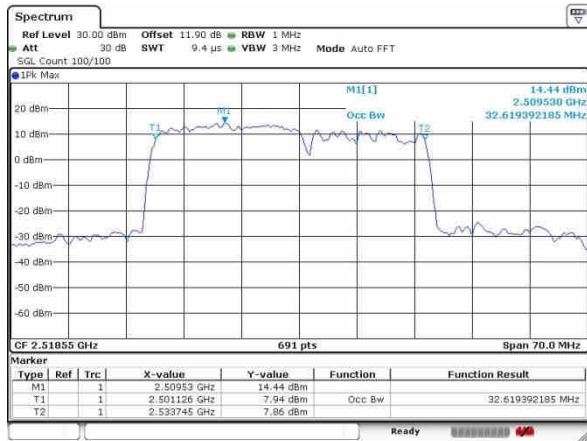
Date: 27 SEP 2017 15:07:08



## LTE Band 7

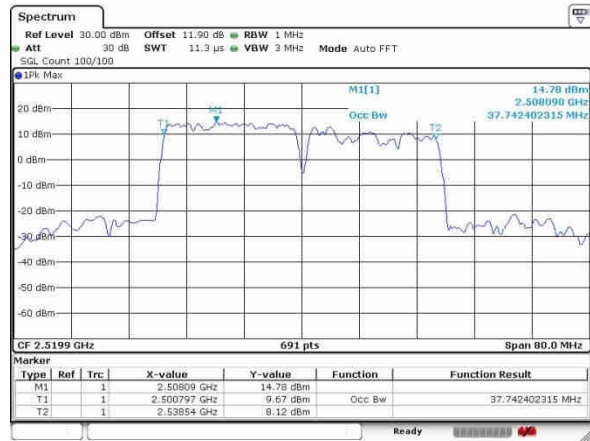
## 64QAM

## Lowest Channel / 20MHz+15MHz



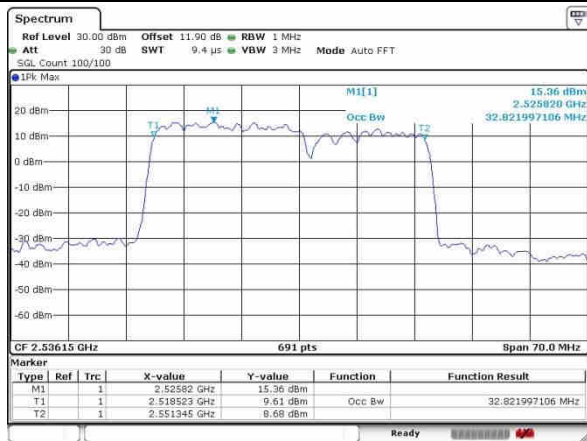
Date: 27 SEP 2017 17:28:05

## Lowest Channel / 20MHz+20MHz



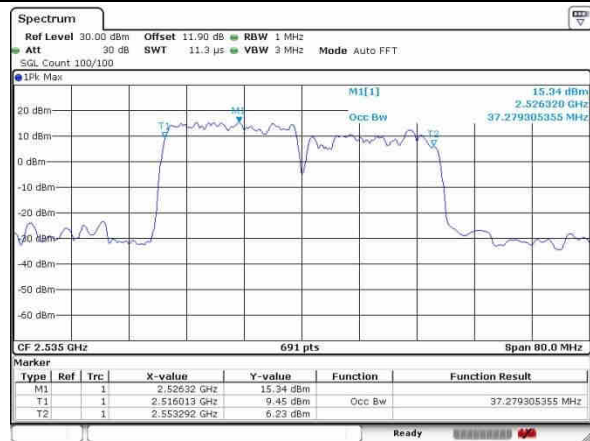
Date: 30 SEP 2017 11:13:01

## Middle Channel / 20MHz+15MHz



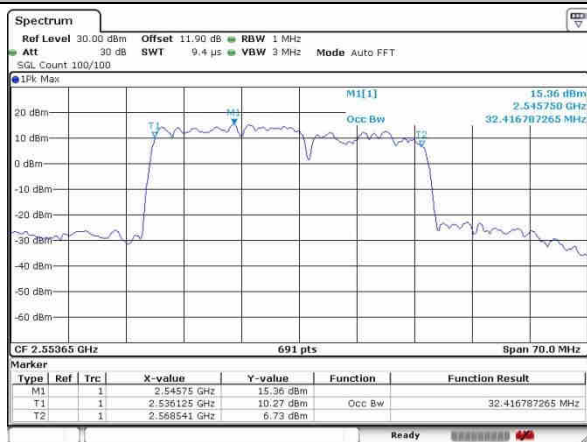
Date: 30 SEP 2017 12:16:04

## Middle Channel / 20MHz+20MHz



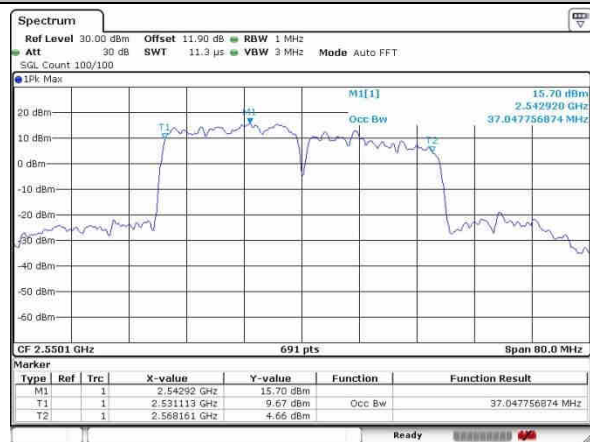
Date: 30 SEP 2017 11:17:56

## Highest Channel / 20MHz+15MHz



Date: 30 SEP 2017 12:17:28

## Highest Channel / 20MHz+20MHz



Date: 30 SEP 2017 11:19:34



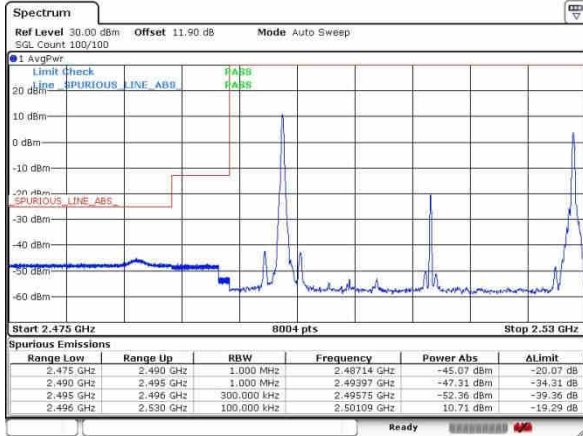
## **Conducted Band Edge**



## LTE Band 7 / 10MHz+20MHz

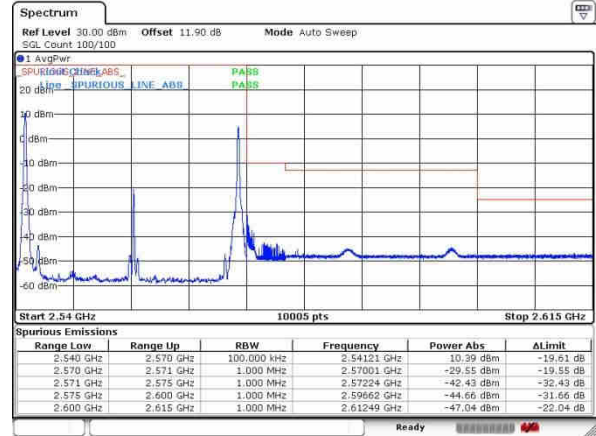
## QPSK

## Lowest Band Edge / 1RB0 and 1RB99



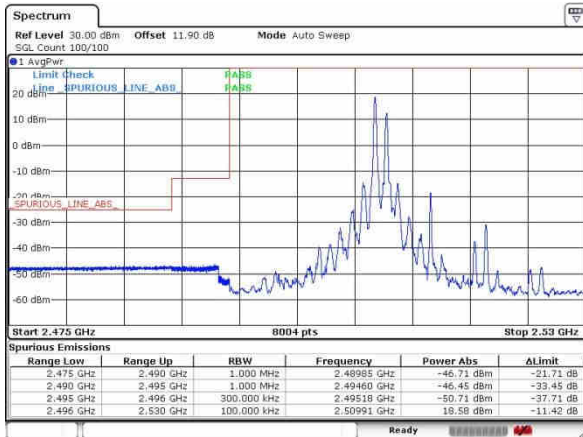
Date: 27 SEP 2017 11:10:38

## Highest Band Edge / 1RB0 and 1RB99



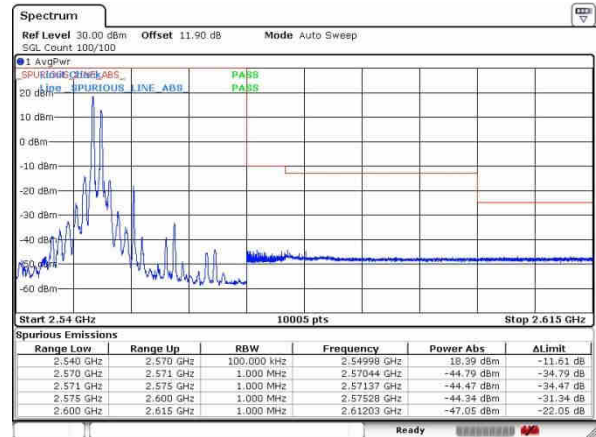
Date: 27 SEP 2017 13:50:26

## Lowest Band Edge / 1RB49 and 1RB0



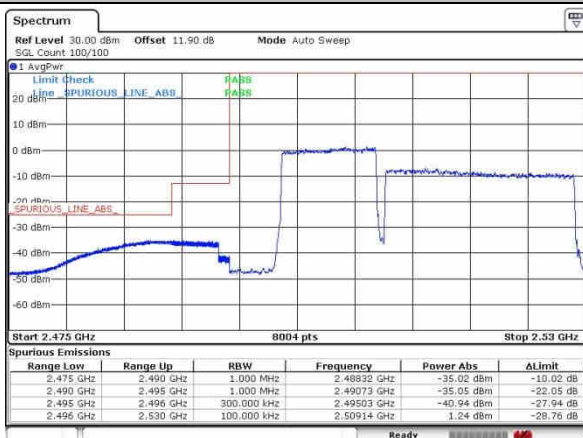
Date: 27 SEP 2017 11:10:53

## Highest Band Edge / 1RB49 and 1RB0



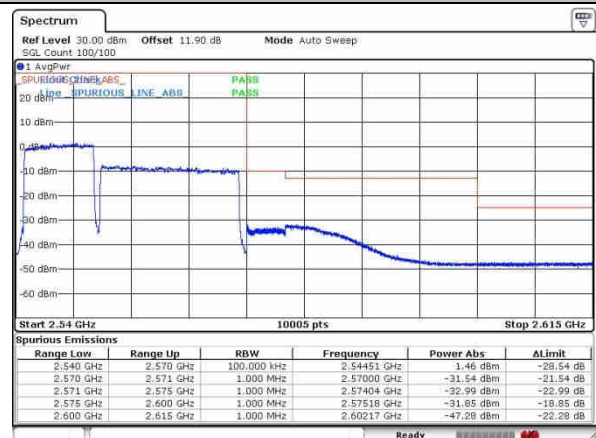
Date: 27 SEP 2017 13:50:39

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 11:09:34

## Highest Band Edge / Full RB



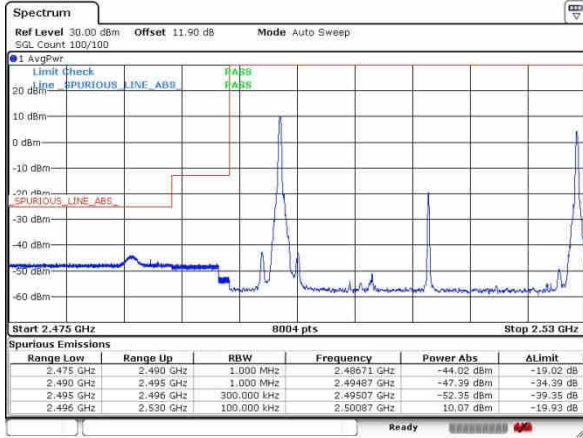
Date: 27 SEP 2017 13:49:26



## LTE Band 7 / 15MHz+15MHz

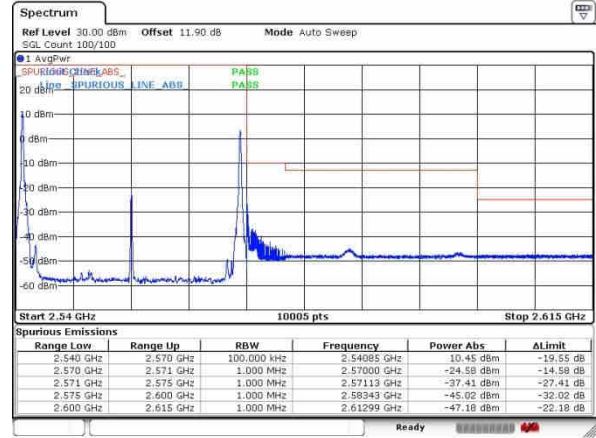
## QPSK

## Lowest Band Edge / 1RB0 and 1RB74



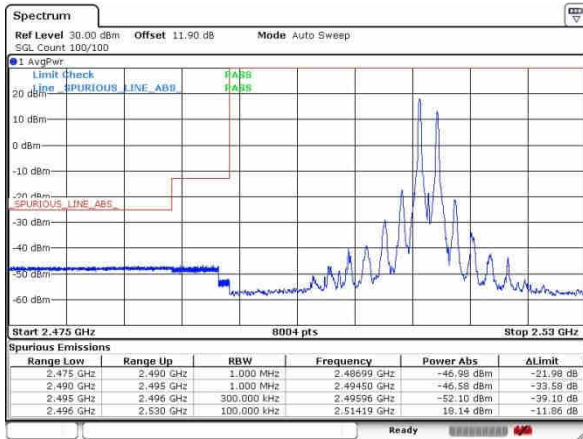
Date: 27 SEP 2017 15:22:56

## Highest Band Edge / 1RB0 and 1RB74



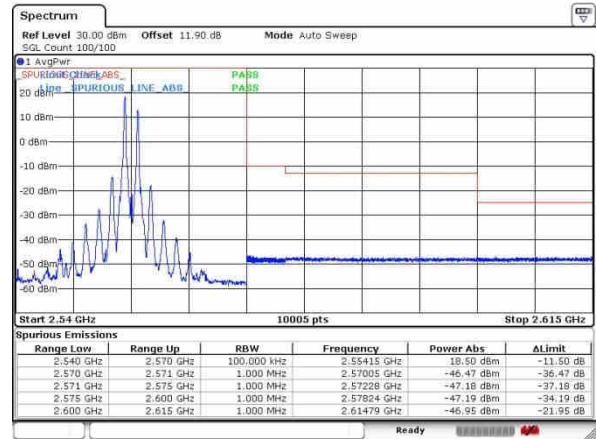
Date: 27 SEP 2017 16:07:41

## Lowest Band Edge / 1RB74 and 1RB0



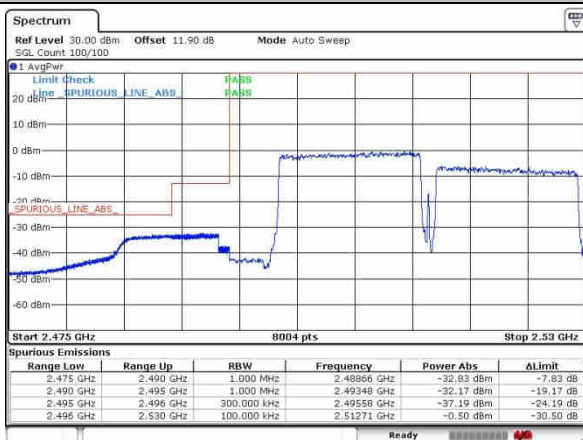
Date: 27 SEP 2017 15:23:08

## Highest Band Edge / 1RB74 and 1RB0



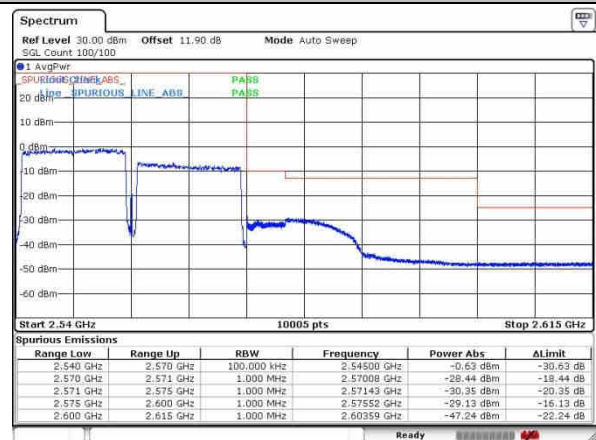
Date: 27 SEP 2017 16:07:55

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 15:21:54

## Highest Band Edge / Full RB



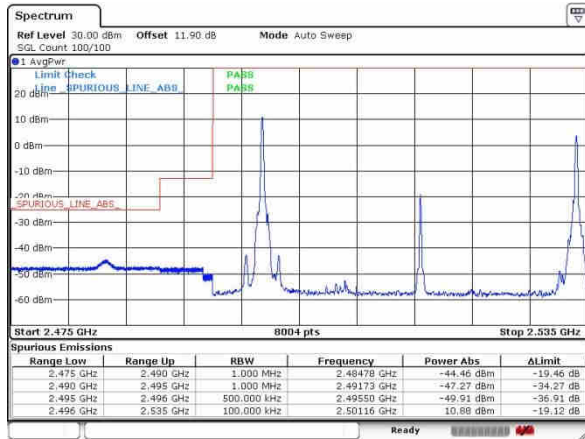
Date: 27 SEP 2017 16:06:39



## LTE Band 7 / 15MHz+20MHz

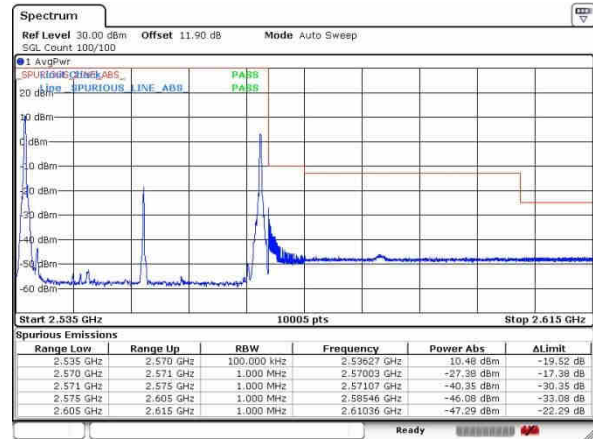
## QPSK

## Lowest Band Edge / 1RB0 and 1RB99



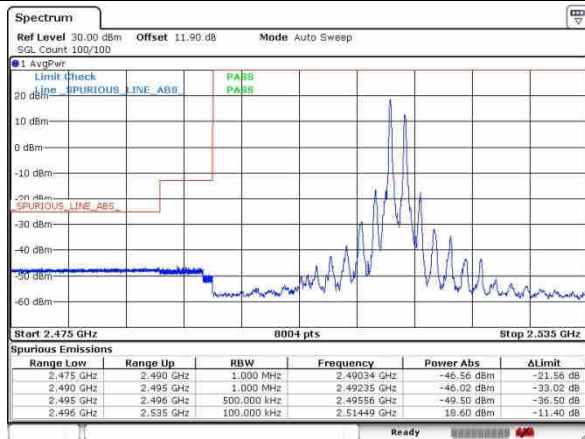
Date: 27 SEP 2017 16:13:28

## Highest Band Edge / 1RB0 and 1RB99



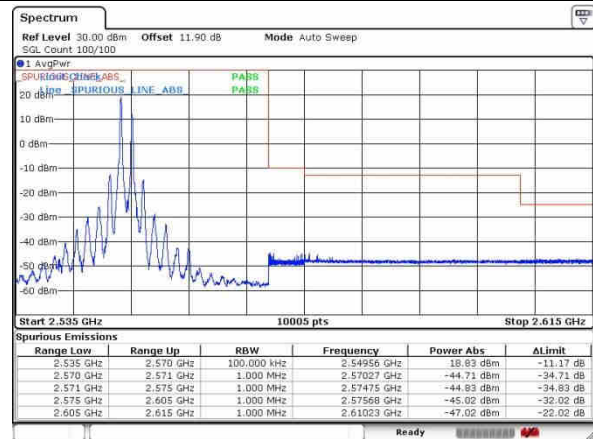
Date: 27 SEP 2017 17:18:28

## Lowest Band Edge / 1RB74 and 1RB0



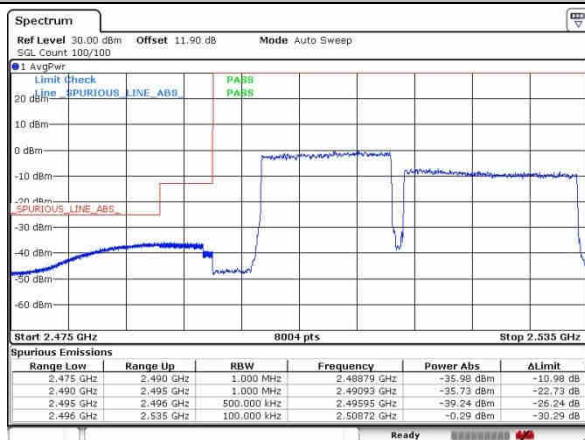
Date: 27 SEP 2017 16:13:43

## Highest Band Edge / 1RB74 and 1RB0



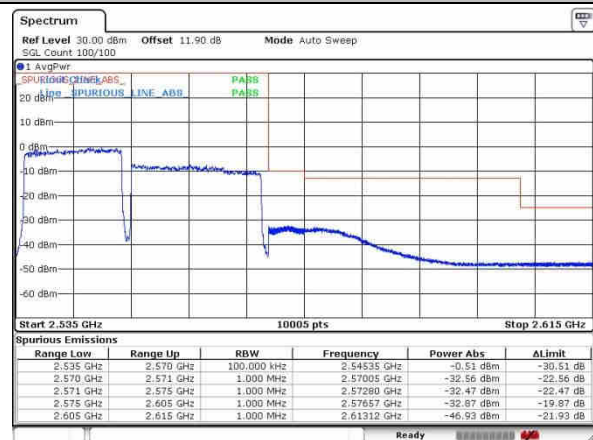
Date: 27 SEP 2017 17:19:55

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 16:12:23

## Highest Band Edge / Full RB



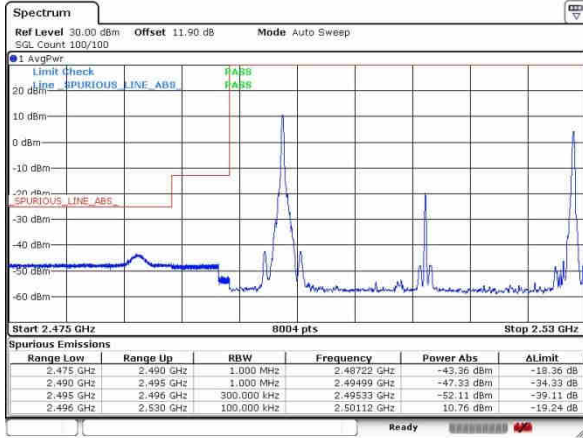
Date: 27 SEP 2017 17:18:20



## LTE Band 7 / 20MHz+10MHz

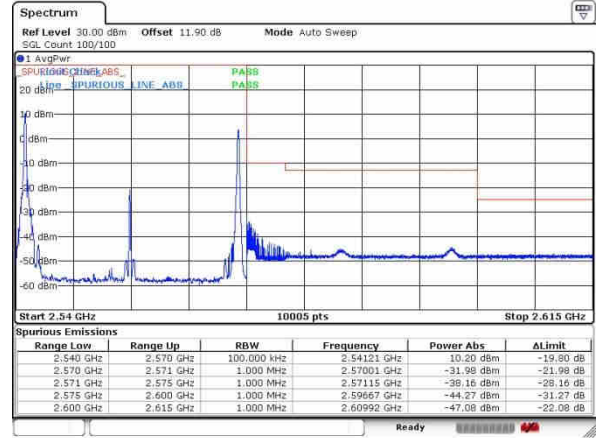
## QPSK

## Lowest Band Edge / 1RB0 and 1RB49



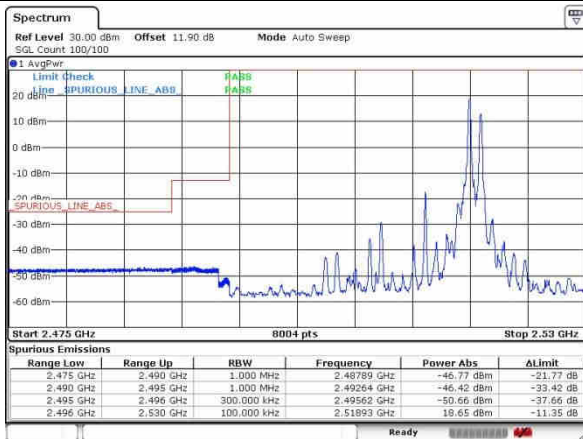
Date: 27 SEP 2017 13:57:35

## Highest Band Edge / 1RB0 and 1RB49



Date: 27 SEP 2017 15:06:48

## Lowest Band Edge / 1RB99 and 1RB0



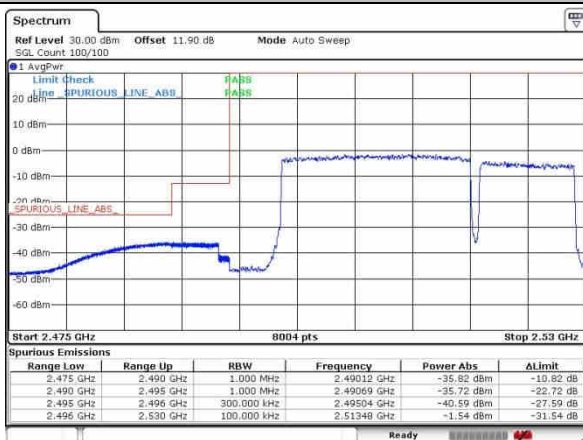
Date: 27 SEP 2017 13:57:48

## Highest Band Edge / 1RB99 and 1RB0



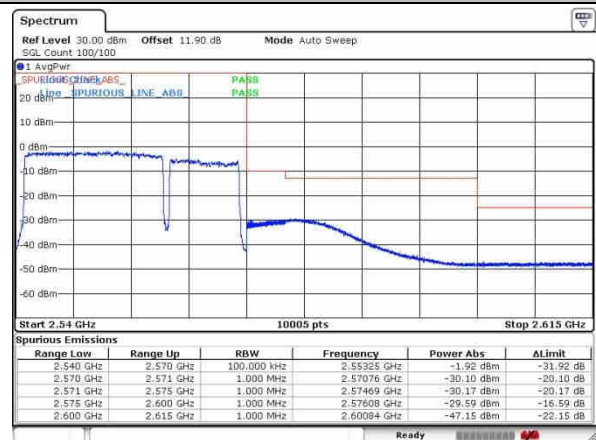
Date: 27 SEP 2017 15:10:02

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 13:56:32

## Highest Band Edge / Full RB



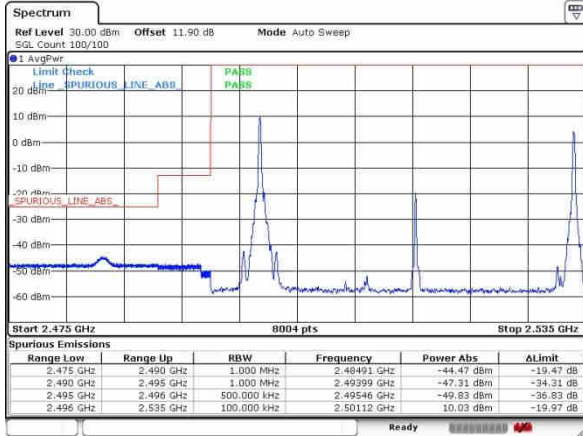
Date: 27 SEP 2017 15:08:45



## LTE Band 7 / 20MHz+15MHz

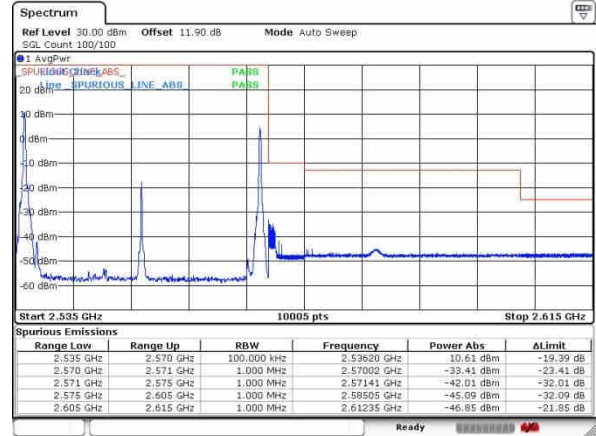
## QPSK

## Lowest Band Edge / 1RB0 and 1RB74



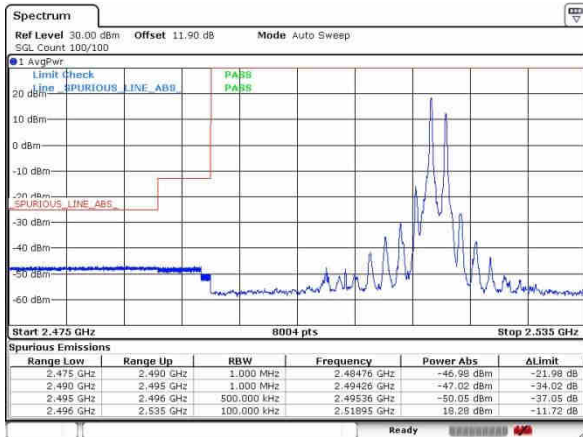
Date: 27 SEP 2017 17:33:59

## Highest Band Edge / 1RB0 and 1RB74



Date: 30 SEP 2017 12:21:47

## Lowest Band Edge / 1RB99 and 1RB0



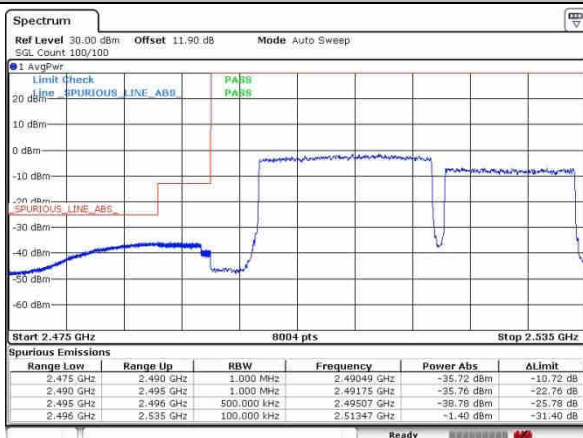
Date: 27 SEP 2017 17:34:12

## Highest Band Edge / 1RB99 and 1RB0



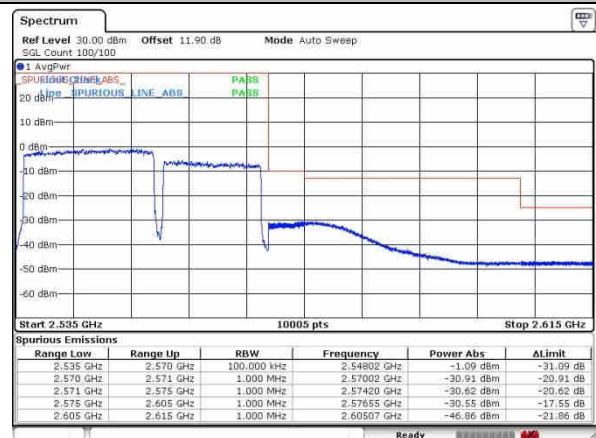
Date: 30 SEP 2017 12:22:00

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 17:32:52

## Highest Band Edge / Full RB



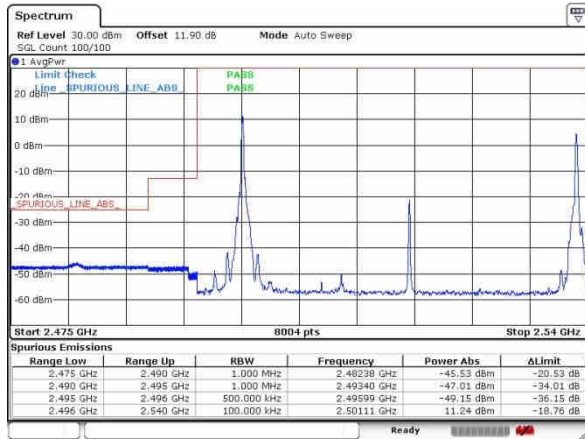
Date: 30 SEP 2017 12:20:49



## LTE Band 7 / 20MHz+20MHz

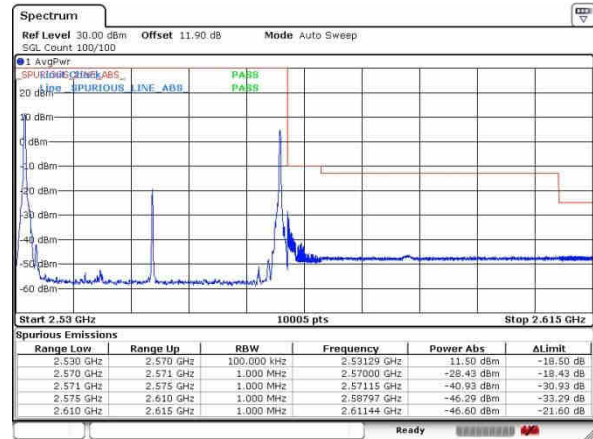
## QPSK

## Lowest Band Edge / 1RB0 and 1RB99



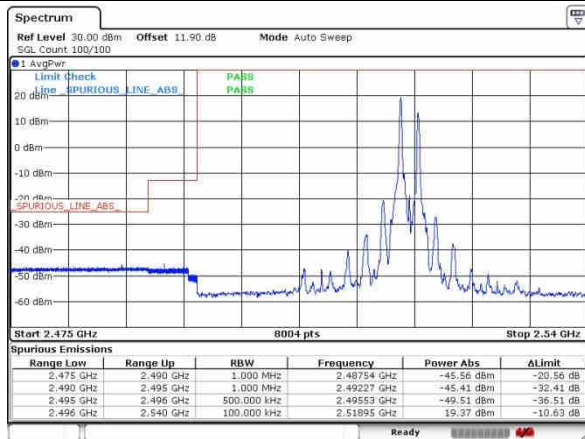
Date 30 SEP 2017 11:11:24

## Highest Band Edge / 1RB0 and 1RB99



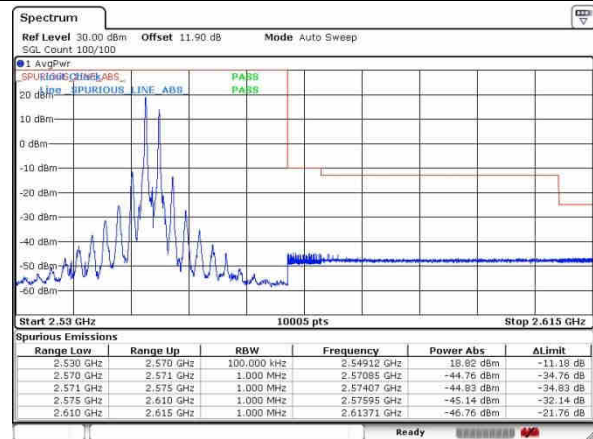
Date 30 SEP 2017 11:21:57

## Lowest Band Edge / 1RB99 and 1RB0



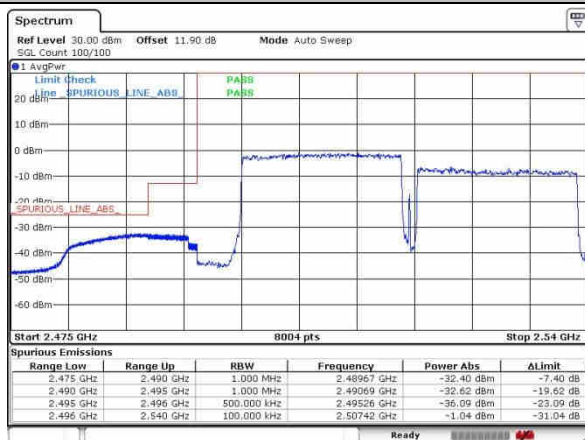
Date 30 SEP 2017 11:11:50

## Highest Band Edge / 1RB99 and 1RB0



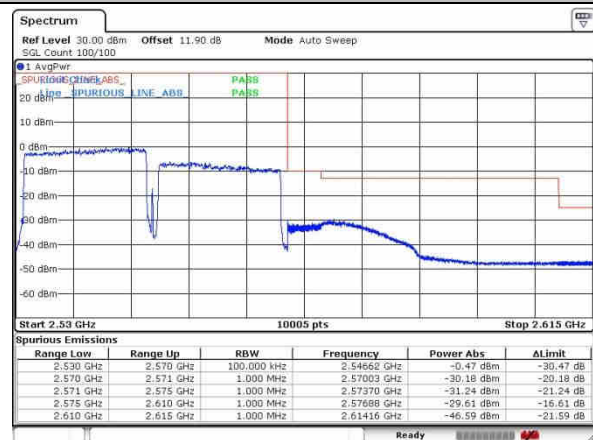
Date 30 SEP 2017 11:22:09

## Lowest Band Edge / Full RB



Date 30 SEP 2017 11:10:25

## Highest Band Edge / Full RB



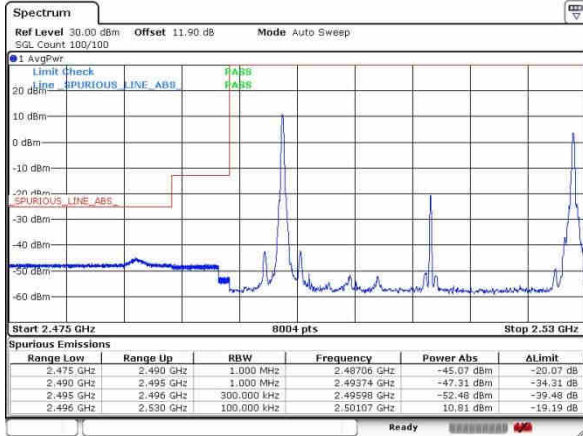
Date 30 SEP 2017 11:20:48



## LTE Band 7 / 10MHz+20MHz

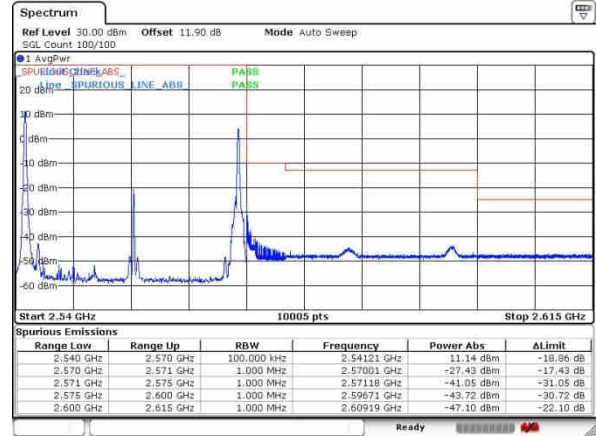
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB99



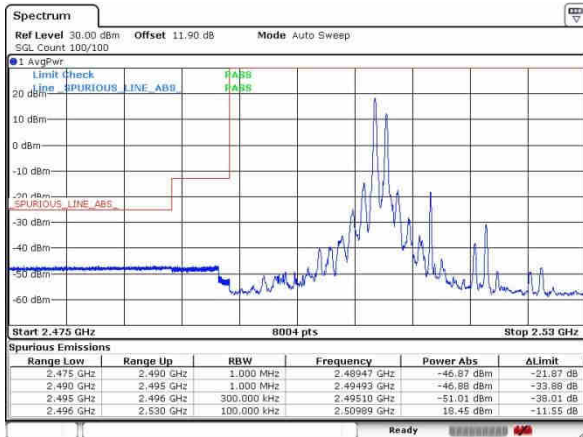
Date: 27 SEP 2017 11:10:28

## Highest Band Edge / 1RB0 and 1RB99



Date: 27 SEP 2017 13:50:15

## Lowest Band Edge / 1RB49 and 1RB0



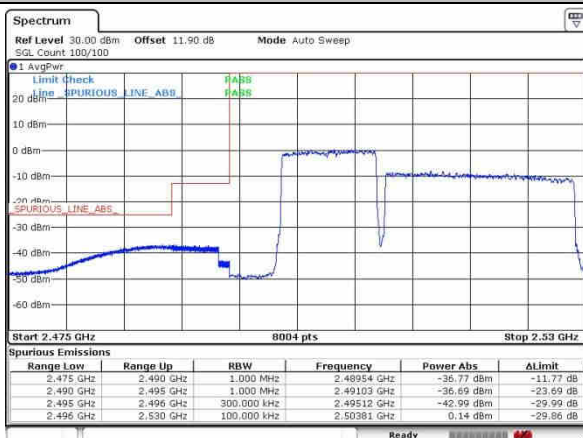
Date: 27 SEP 2017 11:11:04

## Highest Band Edge / 1RB49 and 1RB0



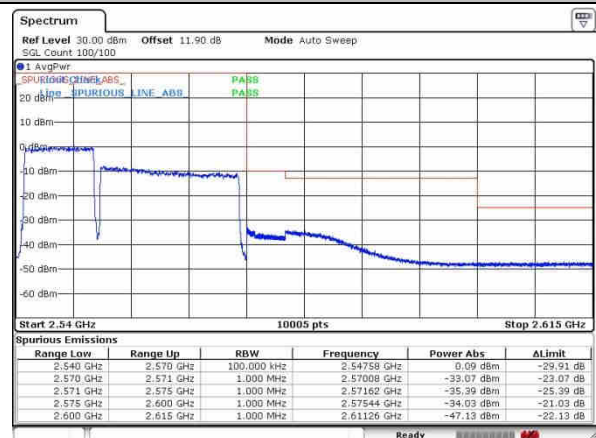
Date: 27 SEP 2017 13:50:51

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 11:09:48

## Highest Band Edge / Full RB



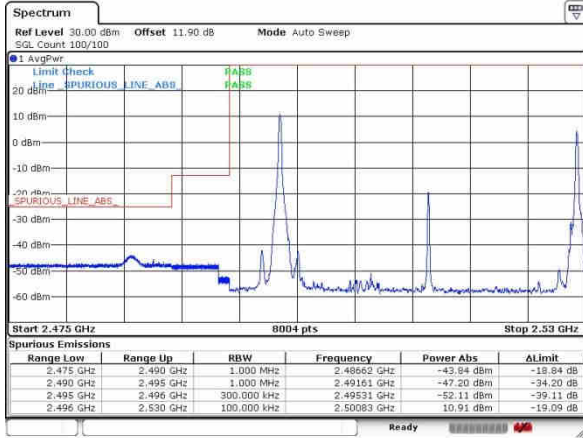
Date: 27 SEP 2017 13:49:38



## LTE Band 7 / 15MHz+15MHz

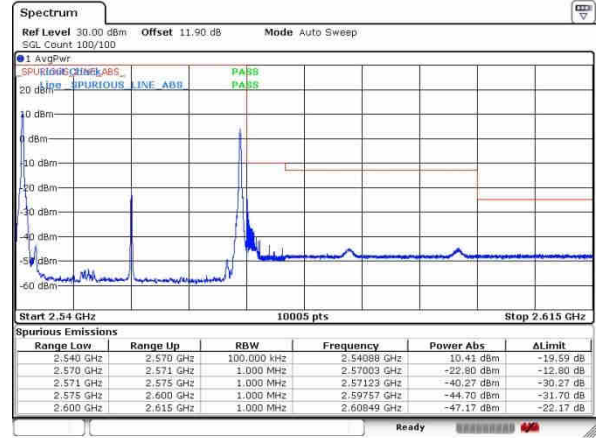
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB74



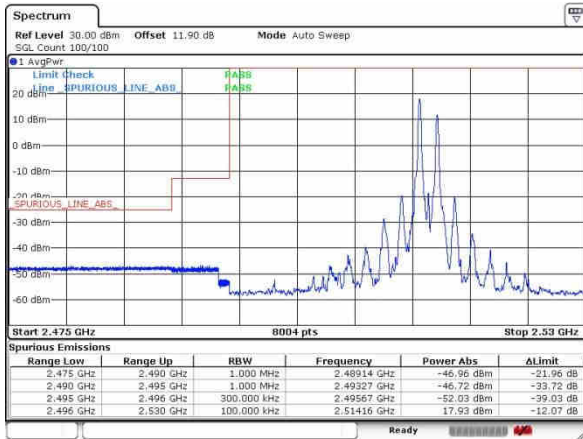
Date: 27 SEP 2017 15:22:46

## Highest Band Edge / 1RB0 and 1RB74



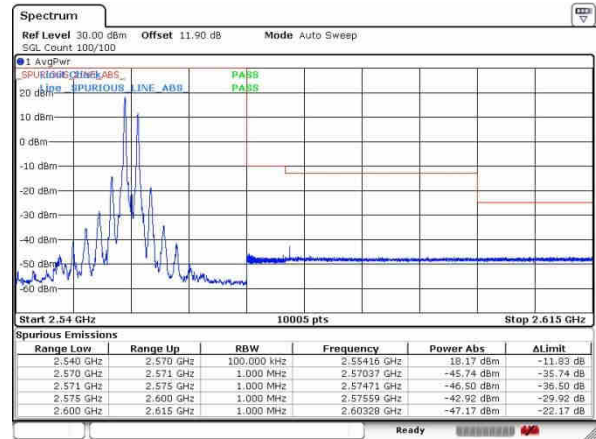
Date: 27 SEP 2017 16:07:30

## Lowest Band Edge / 1RB74 and 1RB0



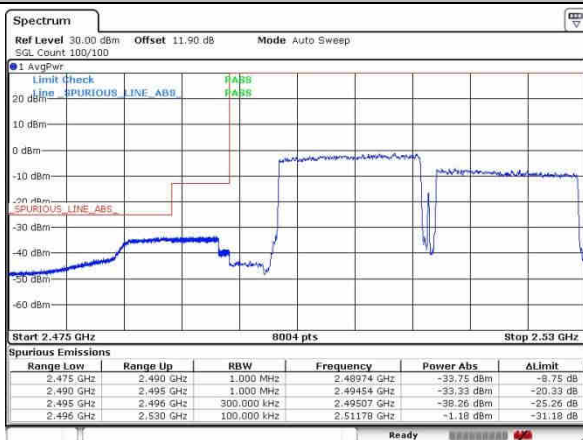
Date: 27 SEP 2017 15:23:18

## Highest Band Edge / 1RB74 and 1RB0



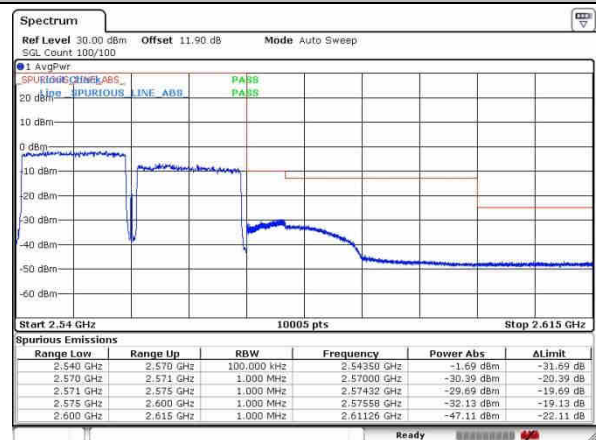
Date: 27 SEP 2017 16:08:07

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 15:22:09

## Highest Band Edge / Full RB



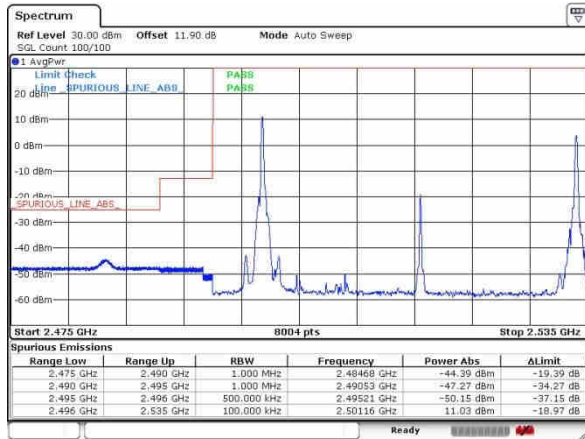
Date: 27 SEP 2017 16:06:51



## LTE Band 7 / 15MHz+20MHz

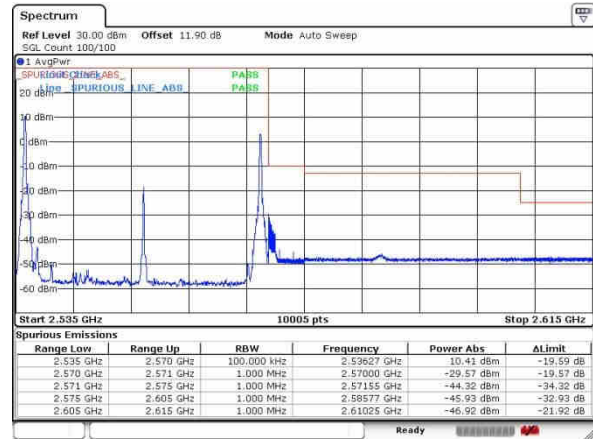
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB99



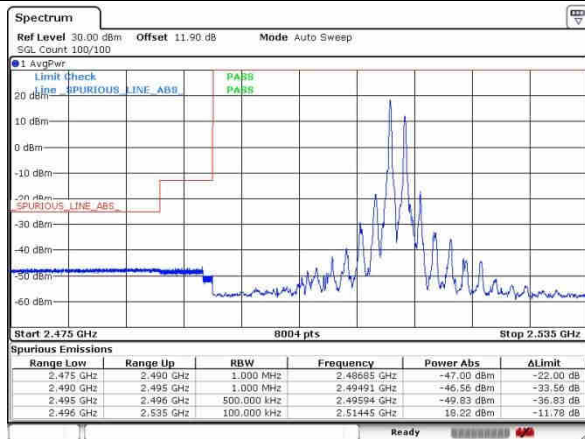
Date: 27 SEP 2017 16:13:17

## Highest Band Edge / 1RB0 and 1RB99



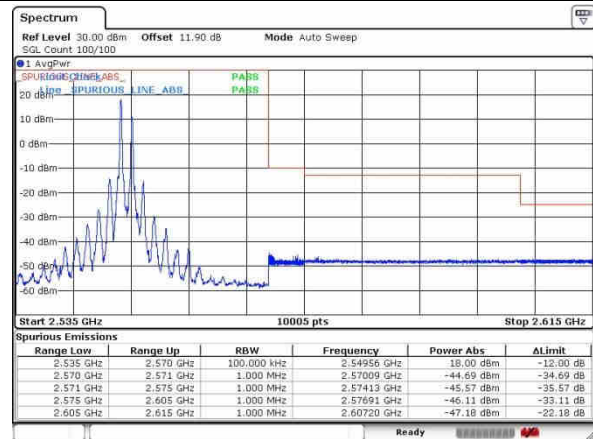
Date: 27 SEP 2017 17:18:16

## Lowest Band Edge / 1RB74 and 1RB0



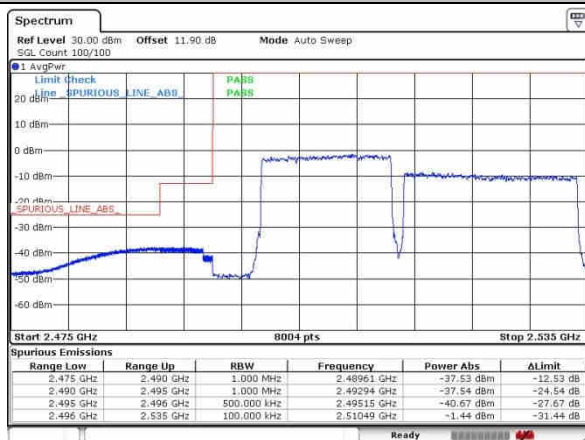
Date: 27 SEP 2017 16:13:55

## Highest Band Edge / 1RB74 and 1RB0



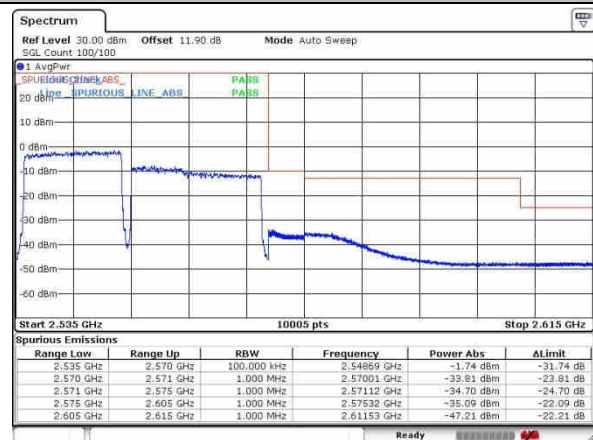
Date: 27 SEP 2017 17:20:08

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 16:12:35

## Highest Band Edge / Full RB



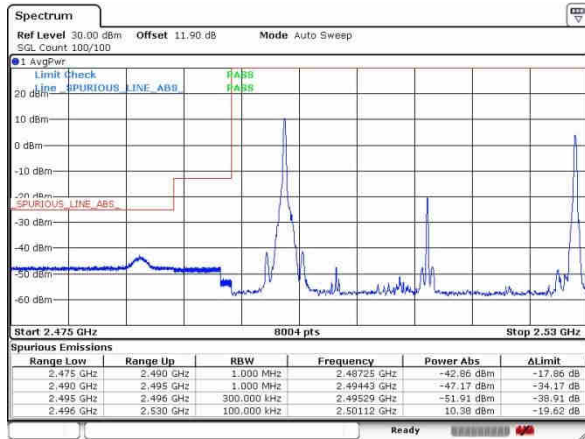
Date: 27 SEP 2017 17:18:32



## LTE Band 7 / 20MHz+10MHz

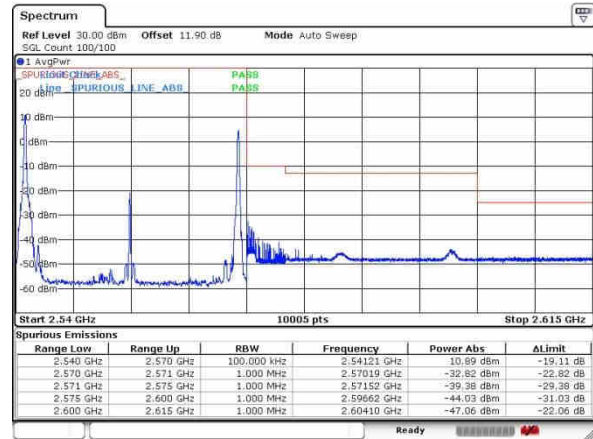
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB49



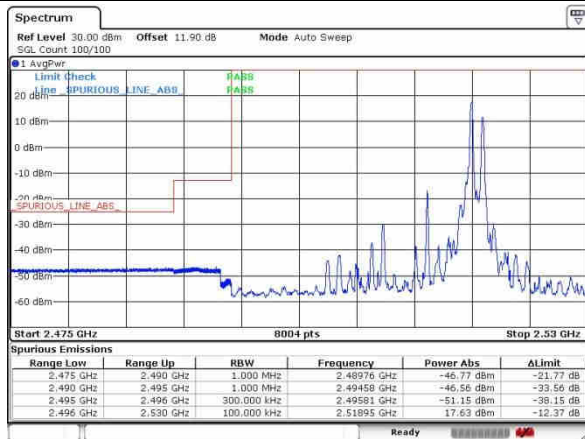
Date: 27 SEP 2017 13:57:23

## Highest Band Edge / 1RB0 and 1RB49



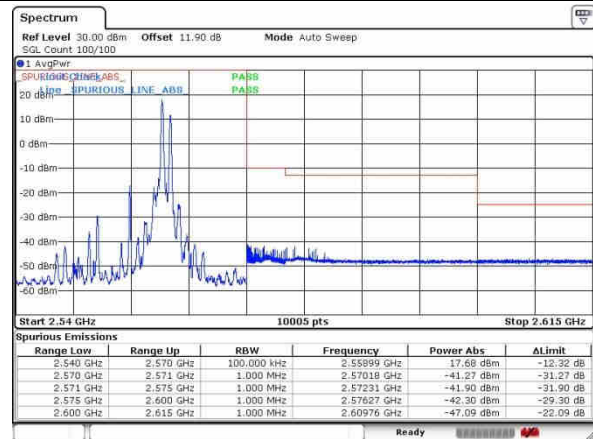
Date: 27 SEP 2017 15:06:38

## Lowest Band Edge / 1RB99 and 1RB0



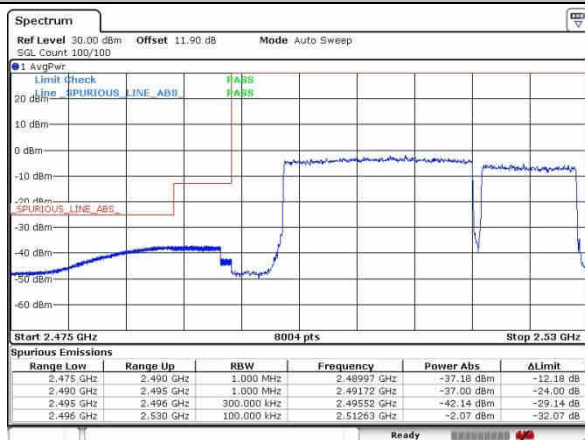
Date: 27 SEP 2017 13:57:58

## Highest Band Edge / 1RB99 and 1RB0



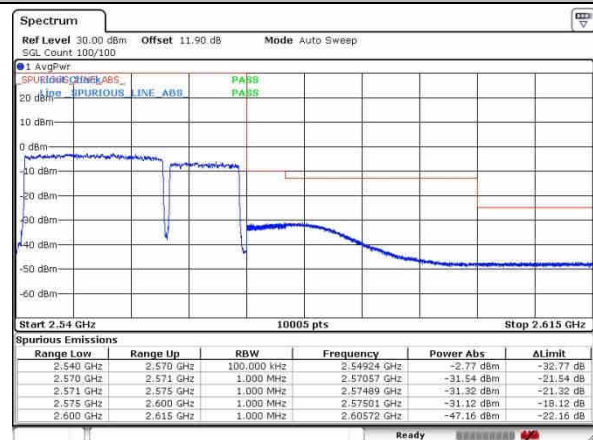
Date: 27 SEP 2017 15:10:13

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 13:56:48

## Highest Band Edge / Full RB



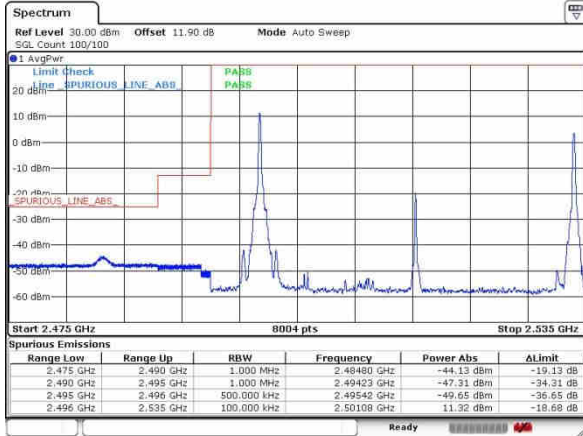
Date: 27 SEP 2017 15:08:57



## LTE Band 7 / 20MHz+15MHz

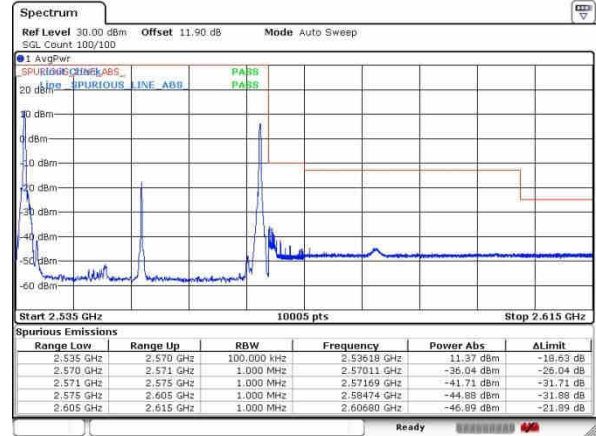
## 16QAM

## Lowest Band Edge / 1RB0 and 1RB74



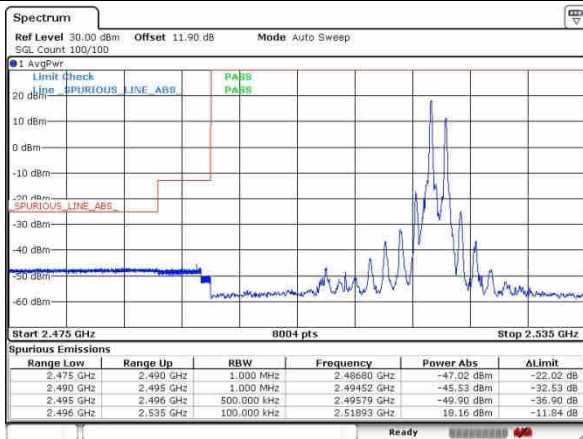
Date: 27 SEP 2017 17:33:48

## Highest Band Edge / 1RB0 and 1RB74



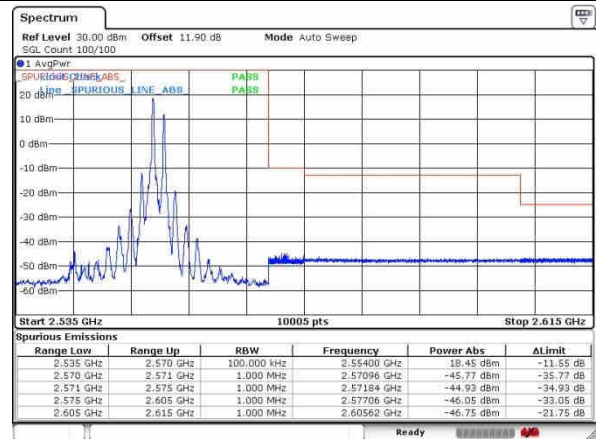
Date: 30 SEP 2017 12:21:38

## Lowest Band Edge / 1RB99 and 1RB0



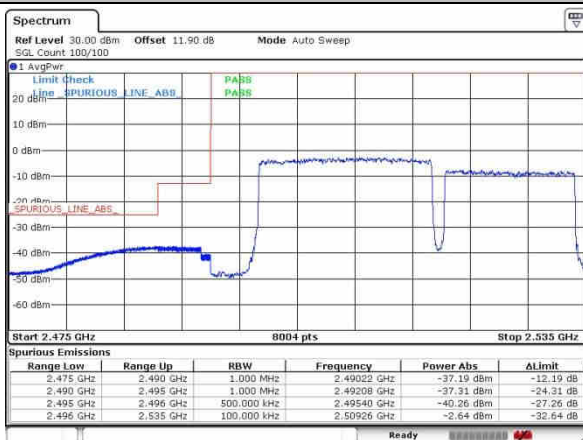
Date: 27 SEP 2017 17:34:23

## Highest Band Edge / 1RB99 and 1RB0



Date: 30 SEP 2017 12:22:11

## Lowest Band Edge / Full RB



Date: 27 SEP 2017 17:33:04

## Highest Band Edge / Full RB



Date: 30 SEP 2017 12:20:59