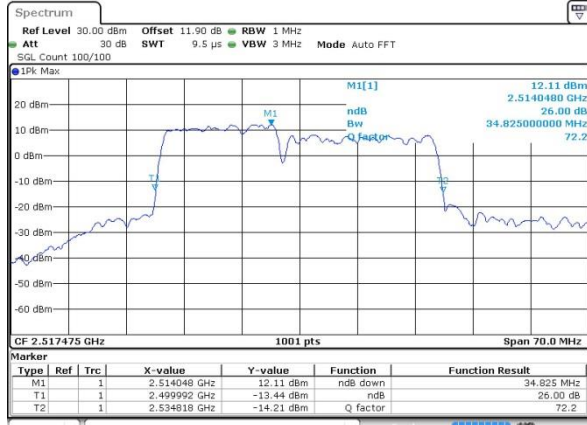




## LTE Band 7

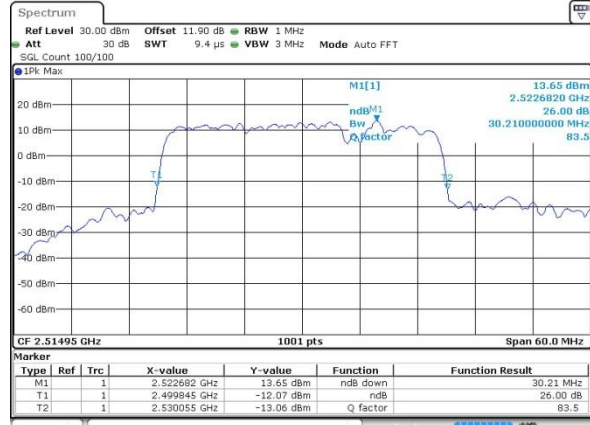
## QPSK

## Lowest Channel / 15MHz+20MHz



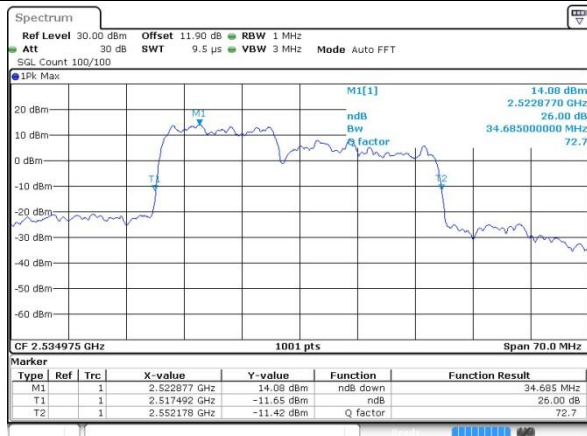
Date: 25 JUL 2018 04:19:18

## Lowest Channel / 20MHz+10MHz



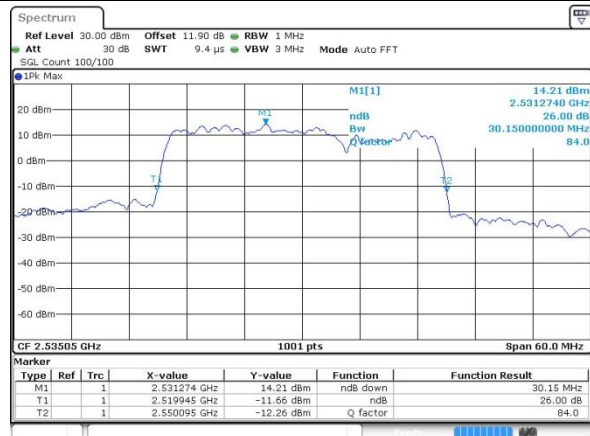
Date: 25 JUL 2018 03:35:43

## Middle Channel / 15MHz+20MHz



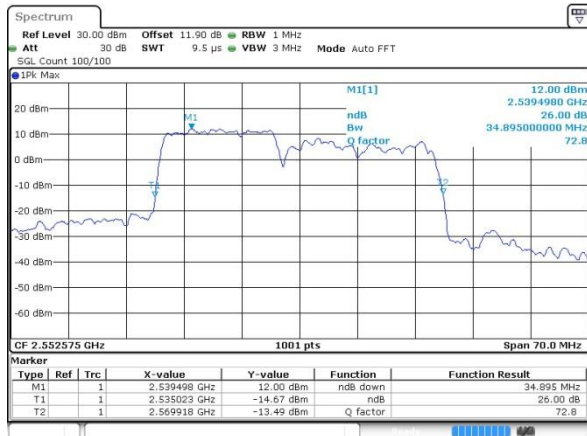
Date: 25 JUL 2018 04:26:22

## Middle Channel / 20MHz+10MHz



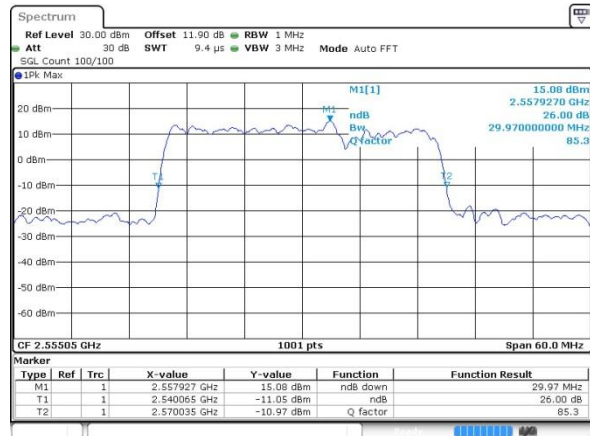
Date: 25 JUL 2018 03:35:57

## Highest Channel / 15MHz+20MHz



Date: 25 JUL 2018 04:32:15

## Highest Channel / 20MHz+10MHz



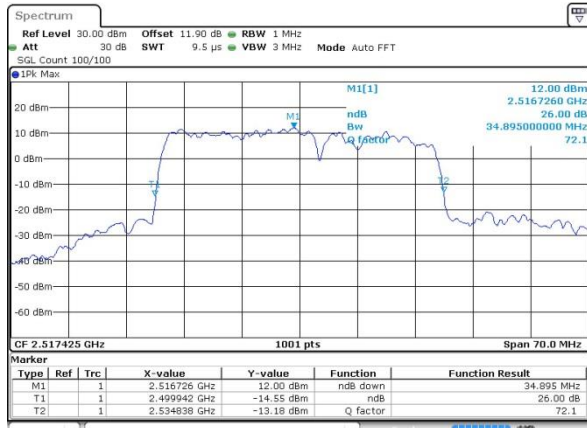
Date: 25 JUL 2018 03:42:20



## LTE Band 7

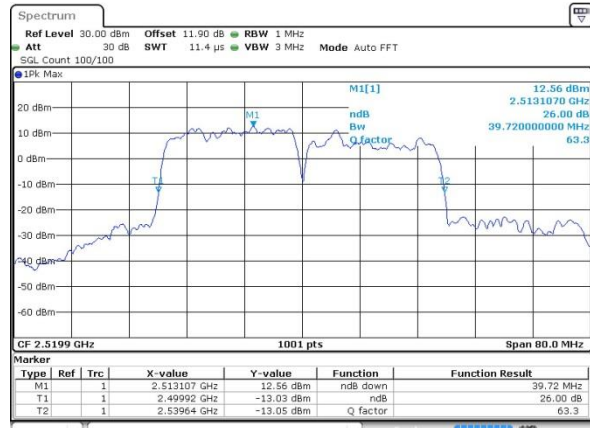
## QPSK

## Lowest Channel / 20MHz+15MHz



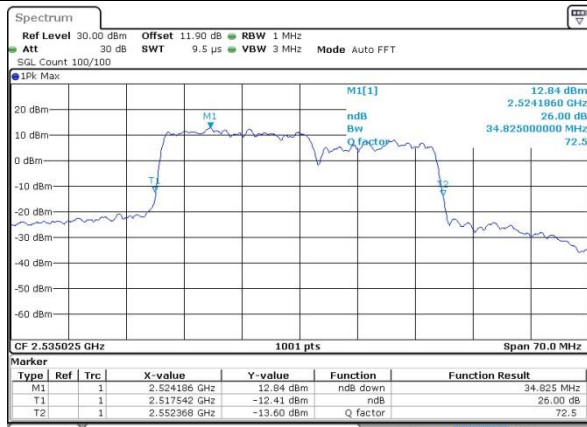
Date: 25 JUL 2018 04:38:35

## Lowest Channel / 20MHz+20MHz



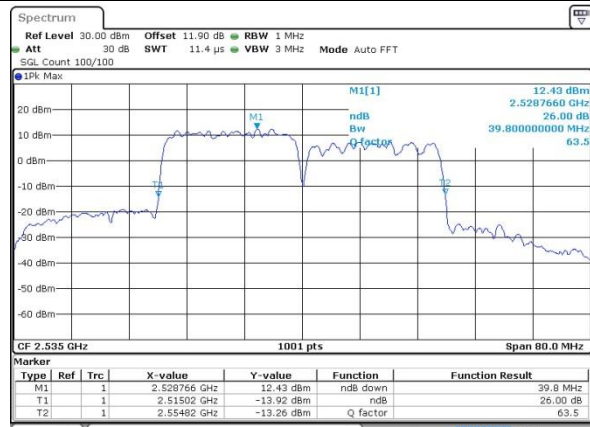
Date: 25 JUL 2018 04:46:07

## Middle Channel / 20MHz+15MHz



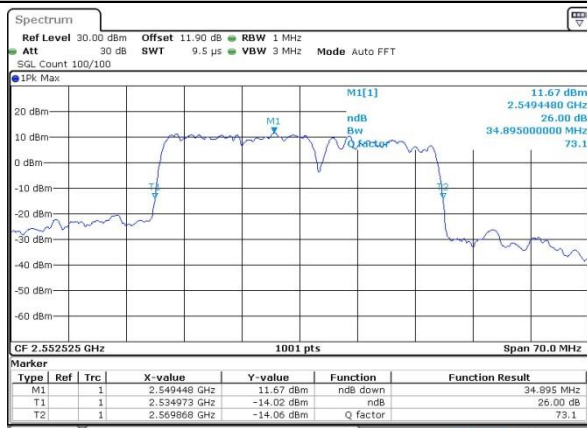
Date: 25 JUL 2018 05:16:53

## Middle Channel / 20MHz+20MHz



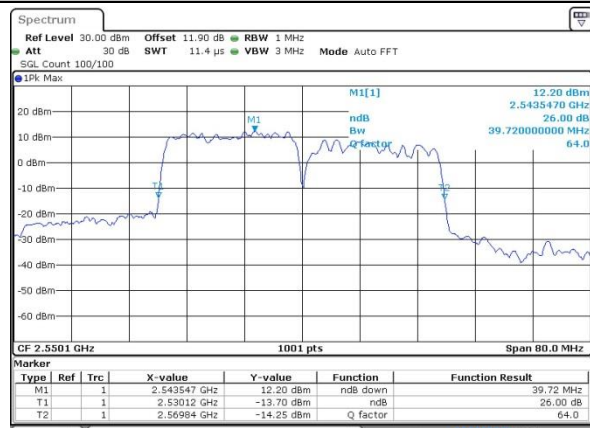
Date: 25 JUL 2018 04:51:44

## Highest Channel / 20MHz+15MHz



Date: 25 JUL 2018 04:42:28

## Highest Channel / 20MHz+20MHz



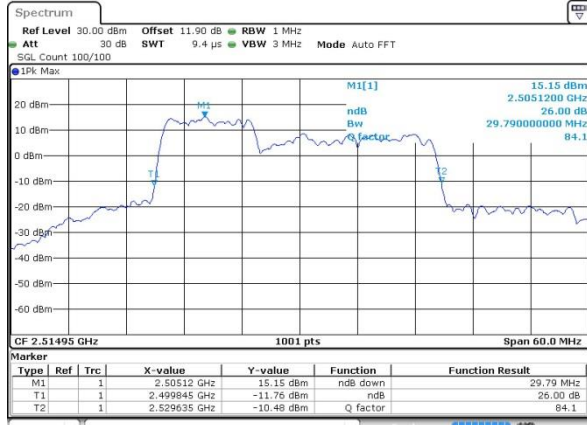
Date: 25 JUL 2018 04:54:11



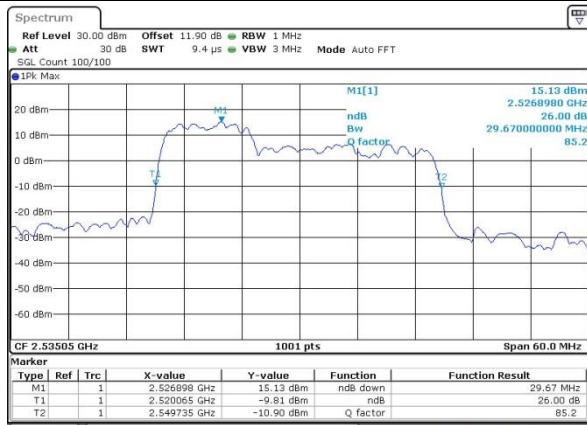
## LTE Band 7

## 16QAM

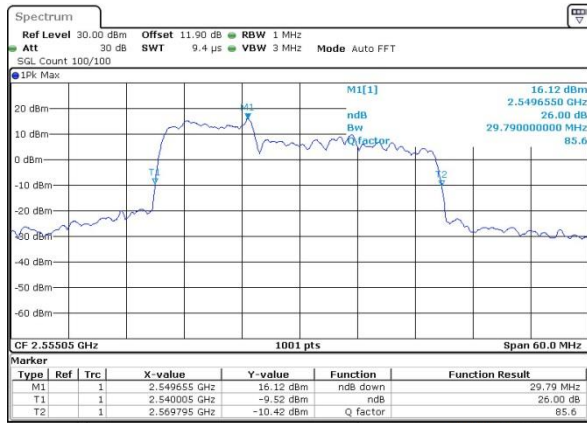
## Lowest Channel / 10MHz+20MHz



## Middle Channel / 10MHz+20MHz



## Highest Channel / 10MHz+20MHz

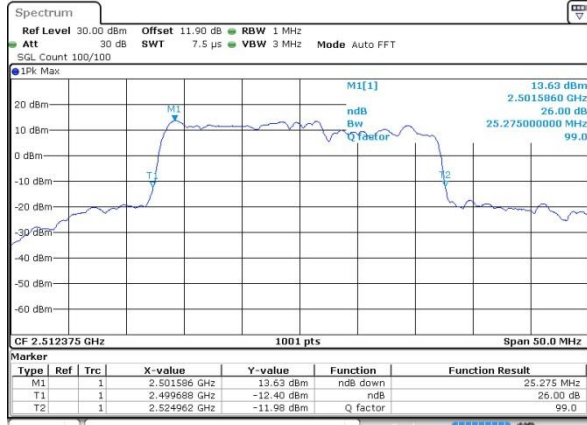




## LTE Band 7

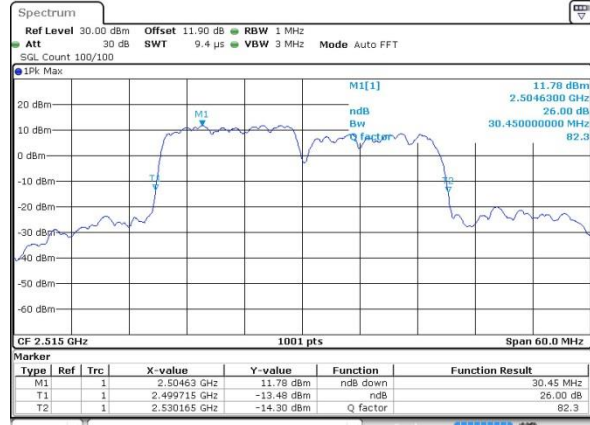
## 16QAM

## Lowest Channel / 15MHz+10MHz



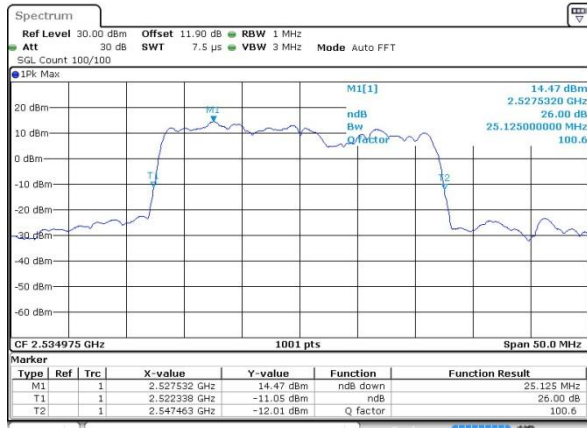
Date: 25 JUL 2018 05:01:48

## Lowest Channel / 15MHz+15MHz



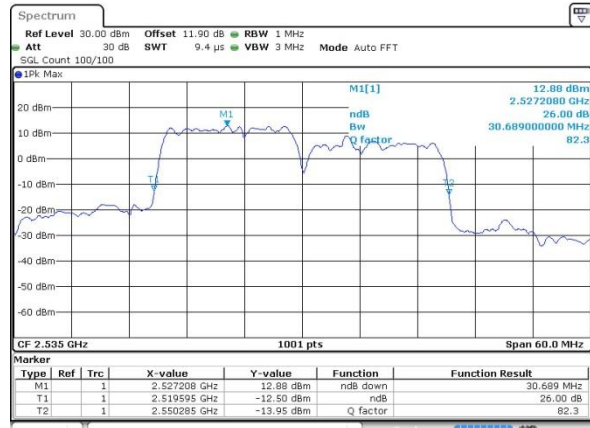
Date: 25 JUL 2018 03:44:34

## Middle Channel / 15MHz+10MHz



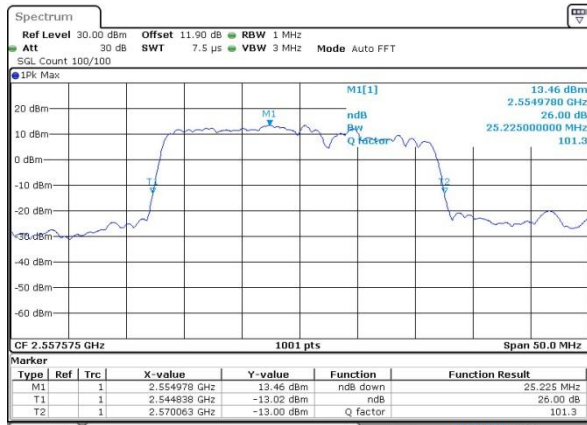
Date: 25 JUL 2018 05:47:43

## Middle Channel / 15MHz+15MHz



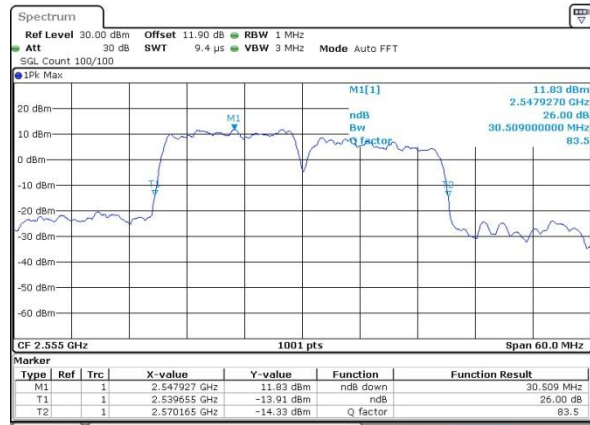
Date: 25 JUL 2018 04:10:43

## Highest Channel / 15MHz+10MHz



Date: 25 JUL 2018 05:04:39

## Highest Channel / 15MHz+15MHz



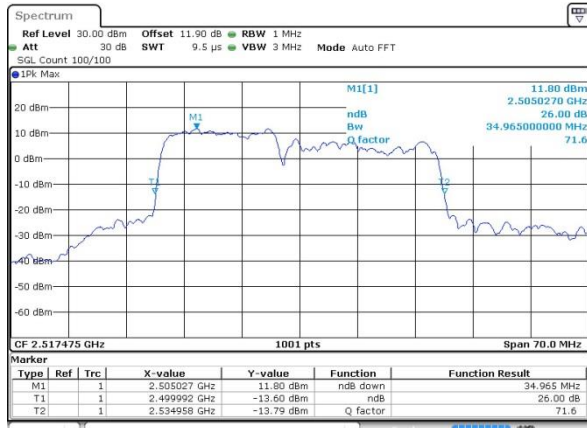
Date: 25 JUL 2018 04:16:31



## LTE Band 7

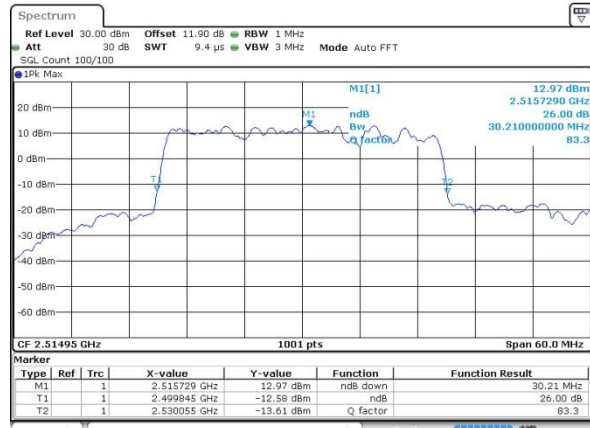
## 16QAM

## Lowest Channel / 15MHz+20MHz



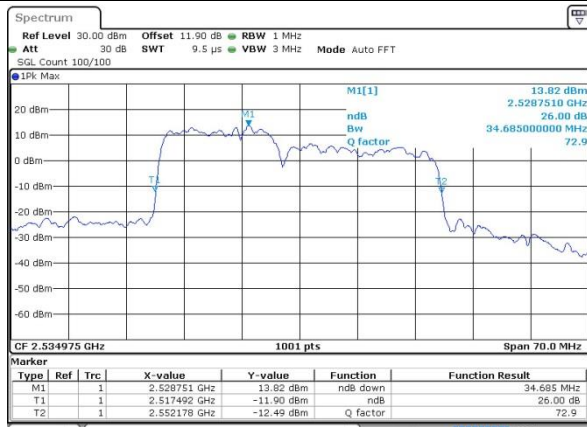
Date: 25 JUL 2018 04:18:59

## Lowest Channel / 20MHz+10MHz



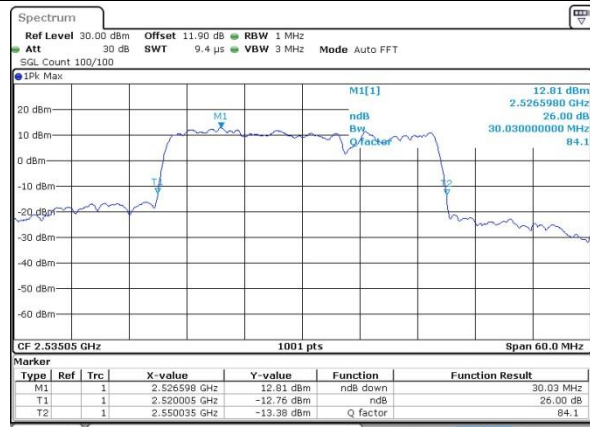
Date: 25 JUL 2018 03:35:32

## Middle Channel / 15MHz+20MHz



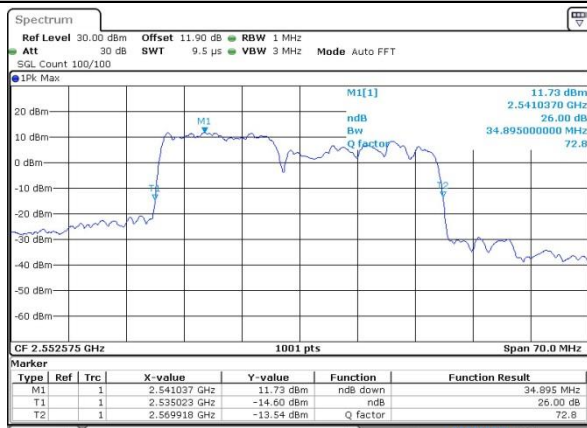
Date: 25 JUL 2018 04:26:02

## Middle Channel / 20MHz+10MHz



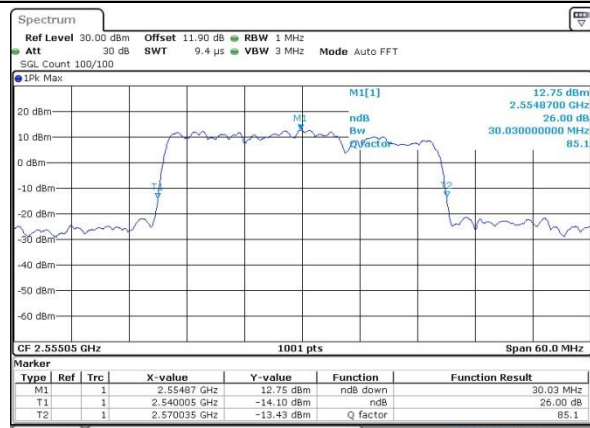
Date: 25 JUL 2018 03:39:41

## Highest Channel / 15MHz+20MHz



Date: 25 JUL 2018 04:32:41

## Highest Channel / 20MHz+10MHz



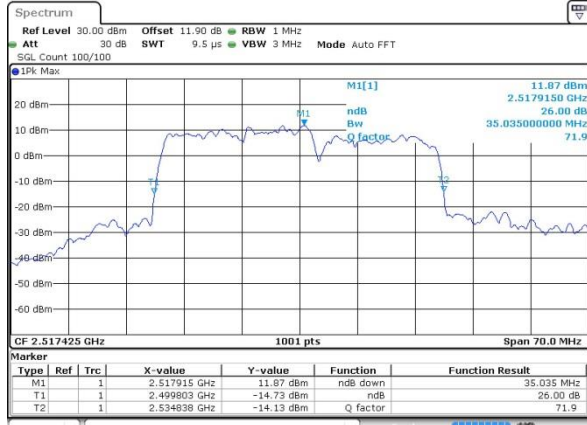
Date: 25 JUL 2018 03:42:37



## LTE Band 7

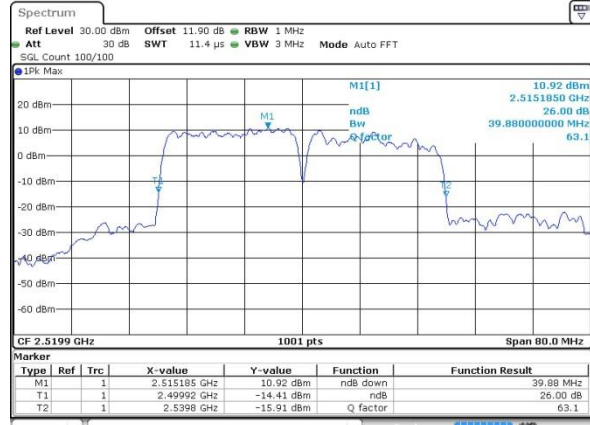
## 16QAM

## Lowest Channel / 20MHz+15MHz



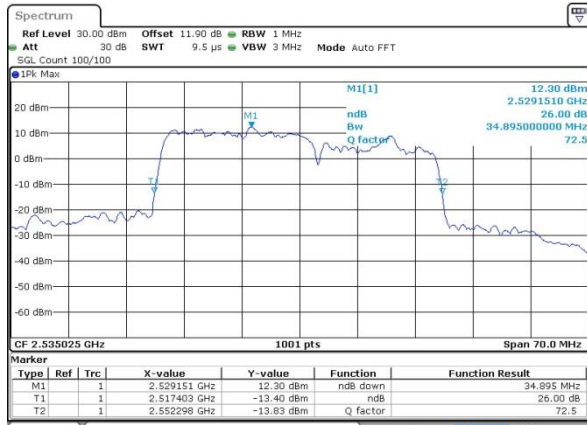
Date: 25 JUL 2018 04:38:19

## Lowest Channel / 20MHz+20MHz



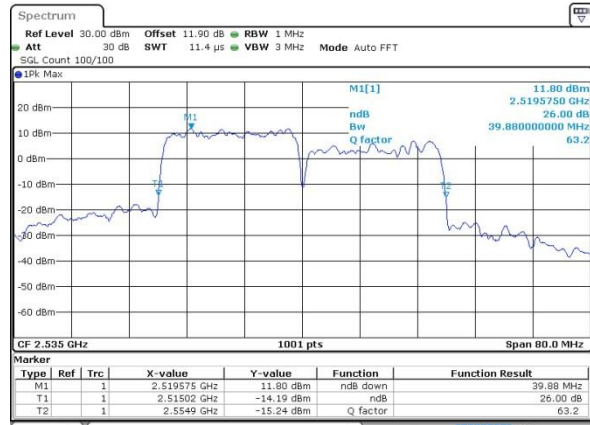
Date: 25 JUL 2018 04:45:50

## Middle Channel / 20MHz+15MHz



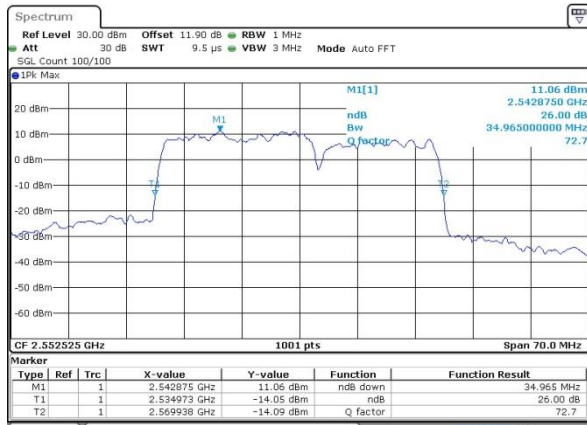
Date: 25 JUL 2018 05:16:16

## Middle Channel / 20MHz+20MHz



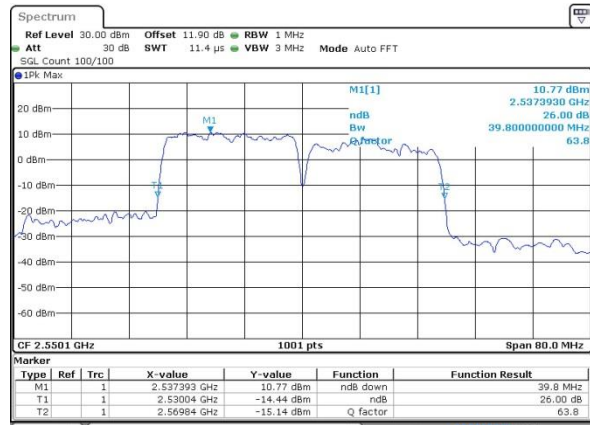
Date: 25 JUL 2018 04:51:26

## Highest Channel / 20MHz+15MHz



Date: 25 JUL 2018 04:42:45

## Highest Channel / 20MHz+20MHz



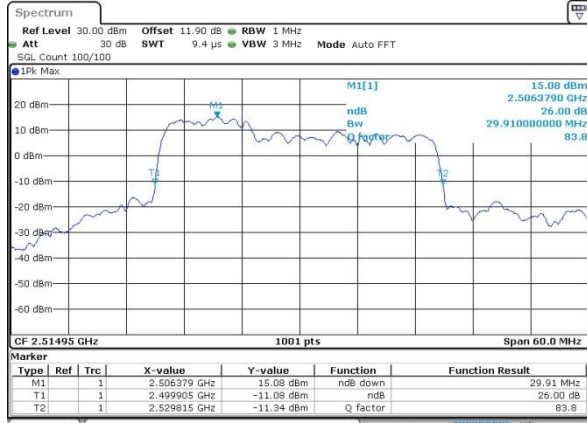
Date: 25 JUL 2018 04:54:34



## LTE Band 7

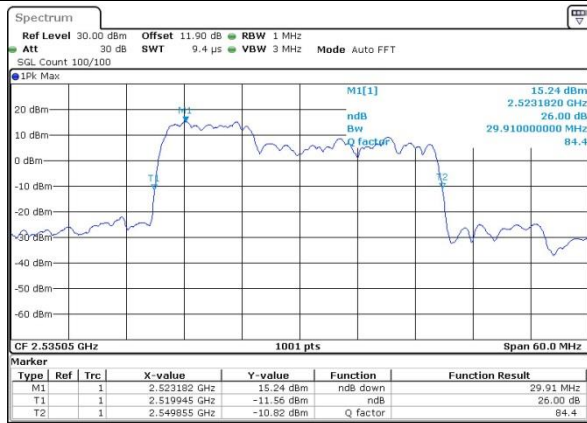
## 64QAM

## Lowest Channel / 10MHz+20MHz



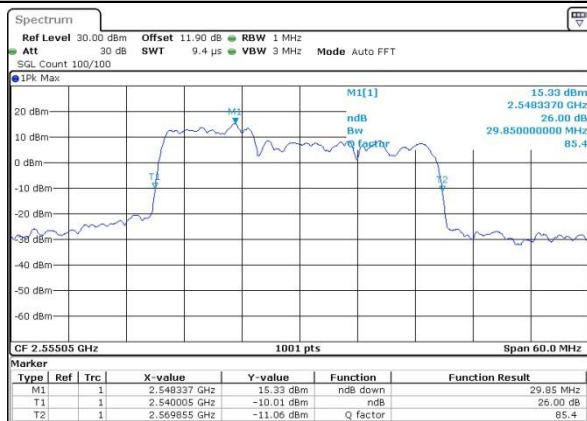
Date: 25 JUL 2018 03:28:36

## Middle Channel / 10MHz+20MHz



Date: 25 JUL 2018 03:30:34

## Highest Channel / 10MHz+20MHz



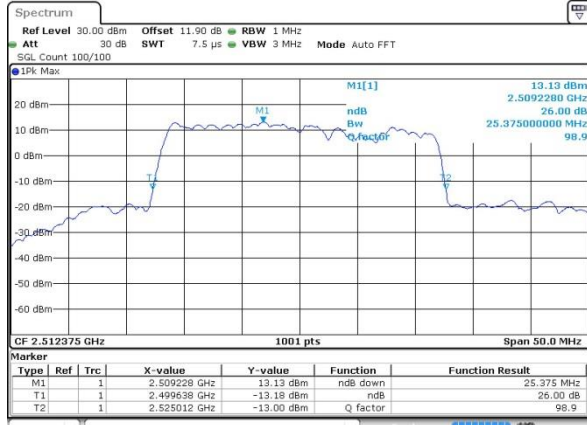
Date: 25 JUL 2018 03:33:16



## LTE Band 7

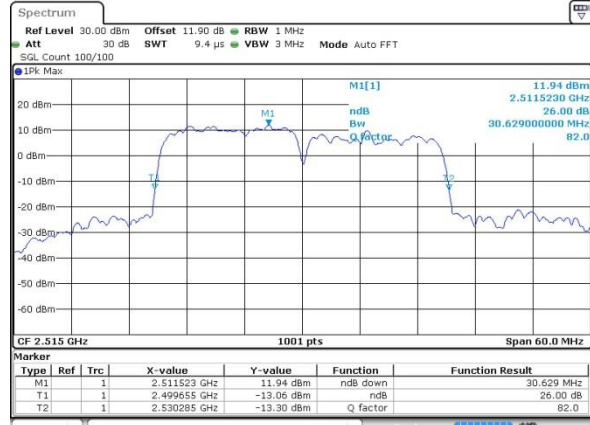
## 64QAM

## Lowest Channel / 15MHz+10MHz



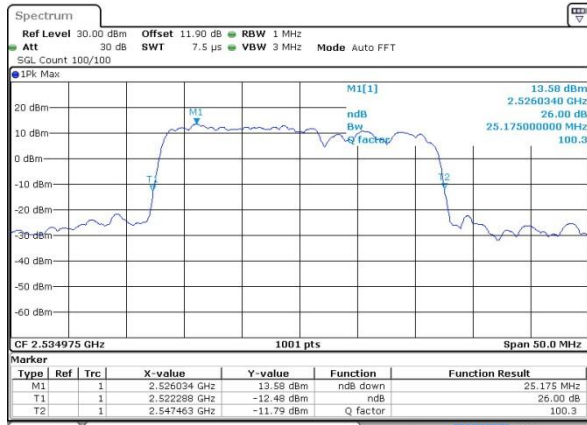
Date: 25 JUL 2018 05:01:31

## Lowest Channel / 15MHz+15MHz



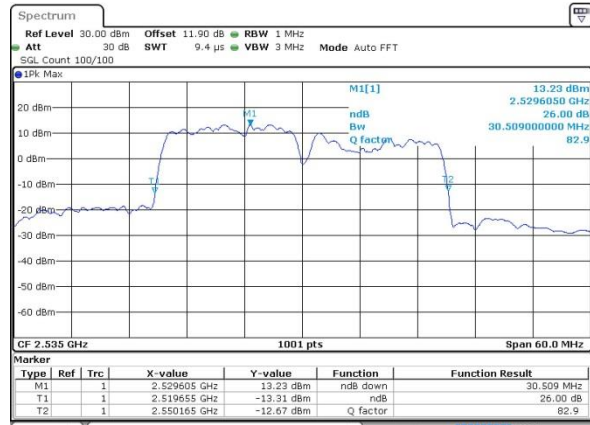
Date: 25 JUL 2018 03:44:23

## Middle Channel / 15MHz+10MHz



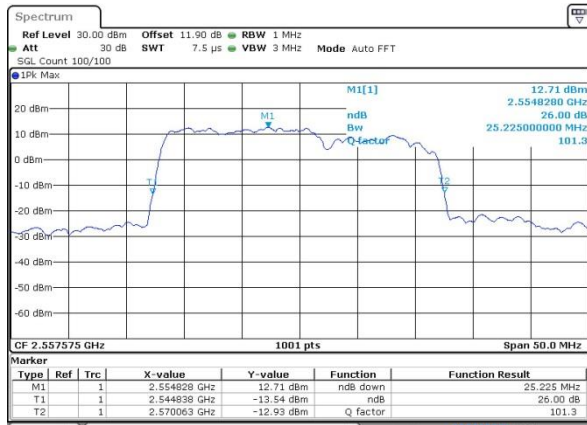
Date: 25 JUL 2018 05:47:24

## Middle Channel / 15MHz+15MHz



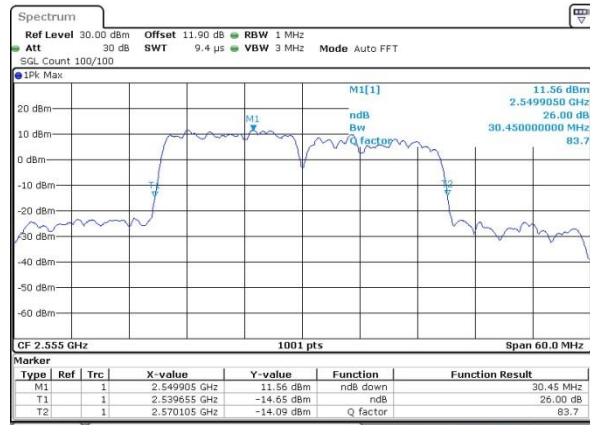
Date: 25 JUL 2018 04:10:28

## Highest Channel / 15MHz+10MHz



Date: 25 JUL 2018 05:04:58

## Highest Channel / 15MHz+15MHz



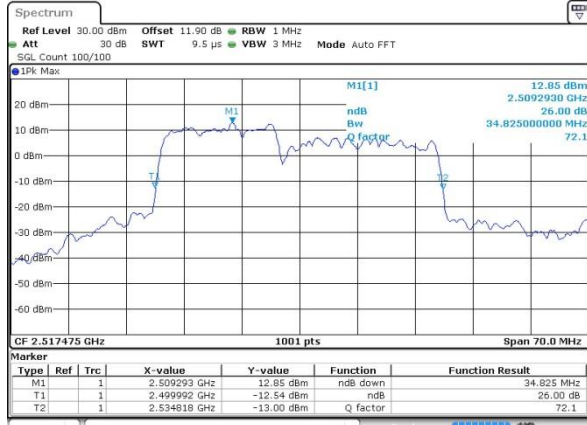
Date: 25 JUL 2018 04:16:45



## LTE Band 7

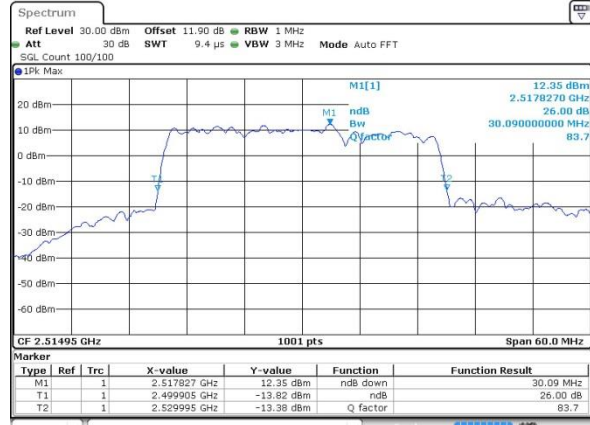
## 64QAM

## Lowest Channel / 15MHz+20MHz



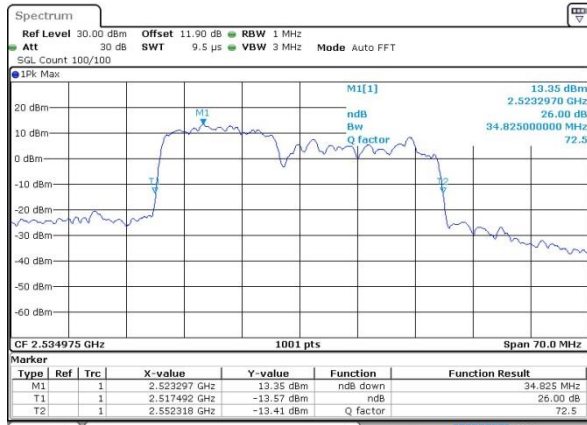
Date: 25 JUL 2018 04:18:41

## Lowest Channel / 20MHz+10MHz



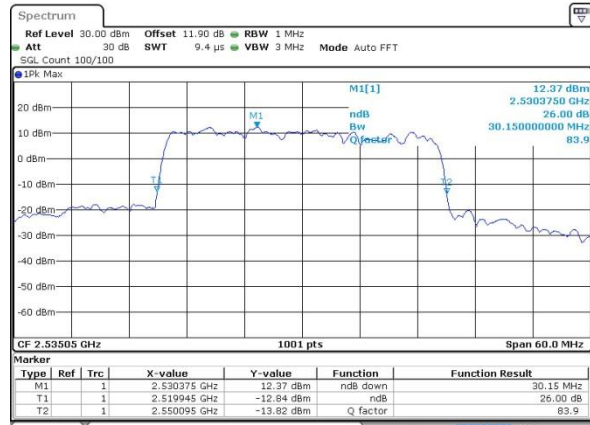
Date: 25 JUL 2018 03:35:17

## Middle Channel / 15MHz+20MHz



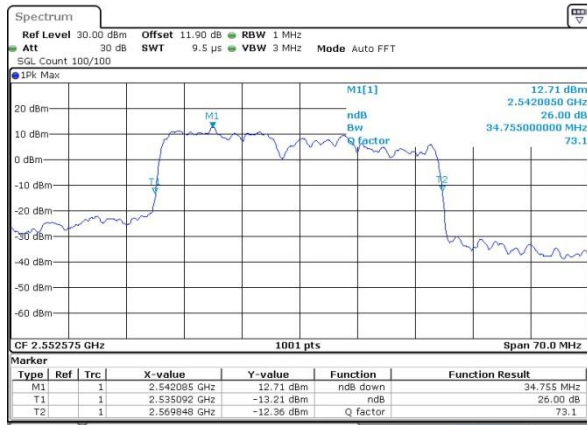
Date: 25 JUL 2018 04:25:44

## Middle Channel / 20MHz+10MHz



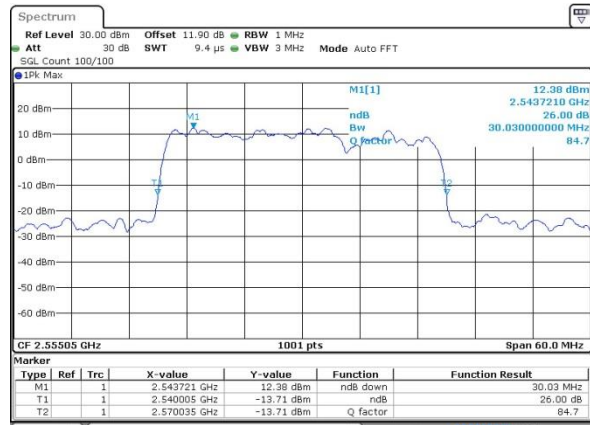
Date: 25 JUL 2018 03:39:18

## Highest Channel / 15MHz+20MHz



Date: 25 JUL 2018 04:32:59

## Highest Channel / 20MHz+10MHz



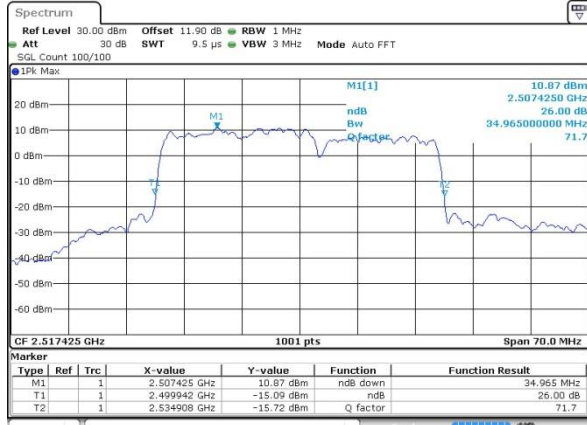
Date: 25 JUL 2018 03:42:55



## LTE Band 7

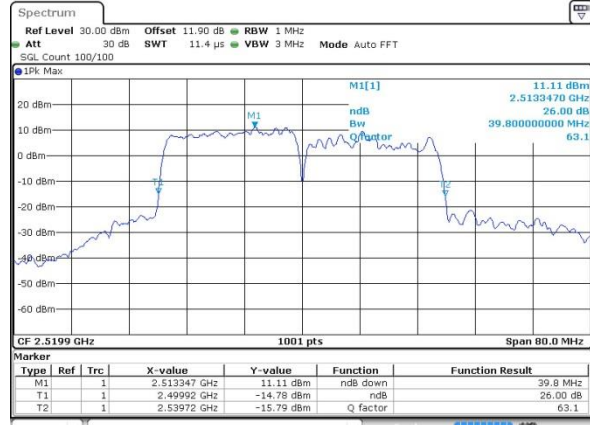
## 64QAM

## Lowest Channel / 20MHz+15MHz



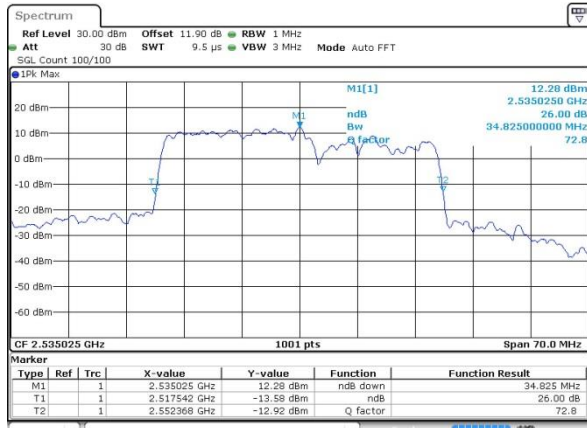
Date: 25 JUL 2018 04:37:16

## Lowest Channel / 20MHz+20MHz



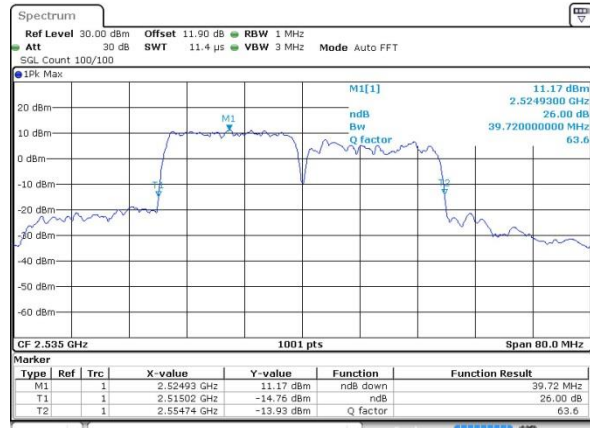
Date: 25 JUL 2018 04:45:33

## Middle Channel / 20MHz+15MHz



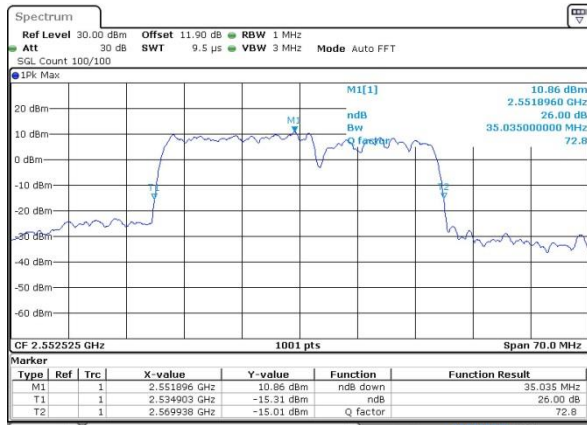
Date: 25 JUL 2018 05:15:58

## Middle Channel / 20MHz+20MHz



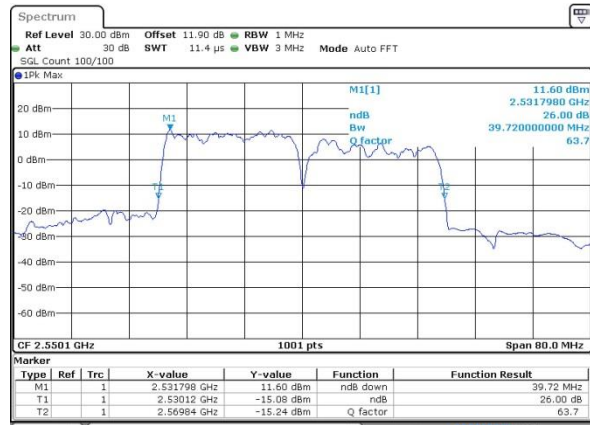
Date: 25 JUL 2018 04:51:08

## Highest Channel / 20MHz+15MHz



Date: 25 JUL 2018 04:43:06

## Highest Channel / 20MHz+20MHz



Date: 25 JUL 2018 04:54:56

## Occupied Bandwidth

| Mode       | LTE Band 7 : 99%OBW(MHz) |             |             |             |
|------------|--------------------------|-------------|-------------|-------------|
| QPSK       |                          |             |             |             |
| BW         | 10MHz+20MHz              | 15MHz+5MHz  | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 27.87                    |             | 23.48       | 28.47       |
| Middle CH  | 27.75                    |             | 23.33       | 28.89       |
| Highest CH | 27.81                    |             | 23.18       | 28.47       |
| BW         | 15MHz+20MHz              | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.8                     | 27.93       | 32.66       | 37.16       |
| Middle CH  | 33.01                    | 27.99       | 32.8        | 37.08       |
| Highest CH | 32.38                    | 27.81       | 32.73       | 37.56       |

| Mode       | LTE Band 7 : 99%OBW(MHz) |             |             |             |
|------------|--------------------------|-------------|-------------|-------------|
| 16QAM      |                          |             |             |             |
| BW         | 10MHz+20MHz              | 15MHz+5MHz  | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 28.11                    |             | 23.63       | 28.71       |
| Middle CH  | 27.99                    |             | 23.63       | 28.65       |
| Highest CH | 27.93                    |             | 23.18       | 28.41       |
| BW         | 15MHz+20MHz              | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.8                     | 28.05       | 32.87       | 37.56       |
| Middle CH  | 33.01                    | 27.99       | 32.87       | 37.56       |
| Highest CH | 32.94                    | 27.87       | 32.73       | 37.32       |

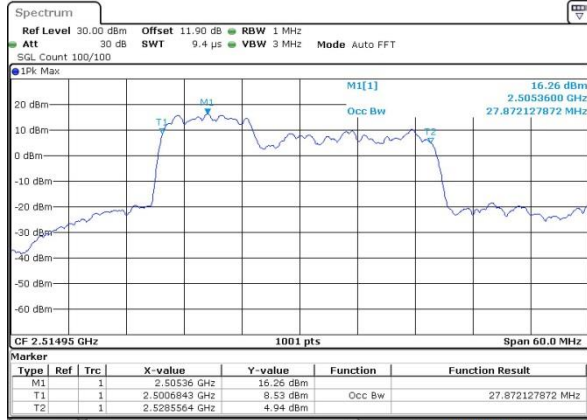
| Mode       | LTE Band 7 : 99%OBW(MHz) |             |             |             |
|------------|--------------------------|-------------|-------------|-------------|
| 64QAM      |                          |             |             |             |
| BW         | 10MHz+20MHz              | 15MHz+5MHz  | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 27.75                    |             | 23.48       | 28.53       |
| Middle CH  | 27.87                    |             | 23.53       | 28.35       |
| Highest CH | 27.51                    |             | 23.38       | 28.41       |
| BW         | 15MHz+20MHz              | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 32.59                    | 28.05       | 32.73       | 37.64       |
| Middle CH  | 32.66                    | 27.93       | 32.73       | 37.56       |
| Highest CH | 32.87                    | 27.87       | 32.8        | 37.8        |



## LTE Band 7

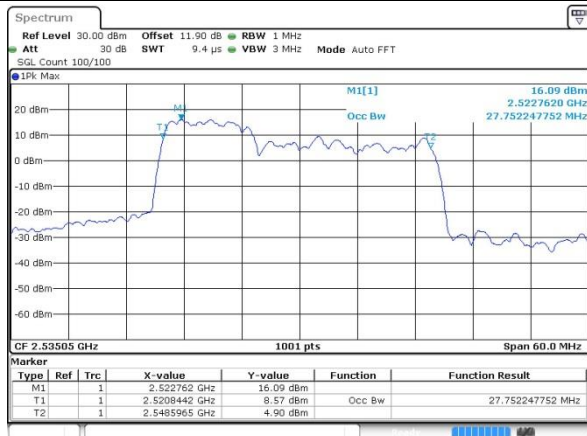
## QPSK

## Lowest Channel / 10MHz+20MHz



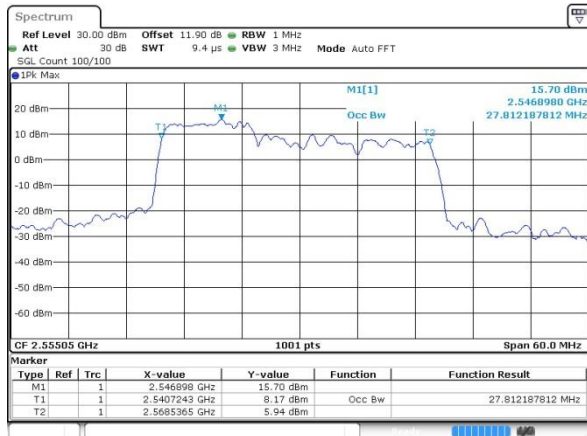
Date: 25 JUL 2018 03:27:16

## Middle Channel / 10MHz+20MHz



Date: 25 JUL 2018 03:30:06

## Highest Channel / 10MHz+20MHz



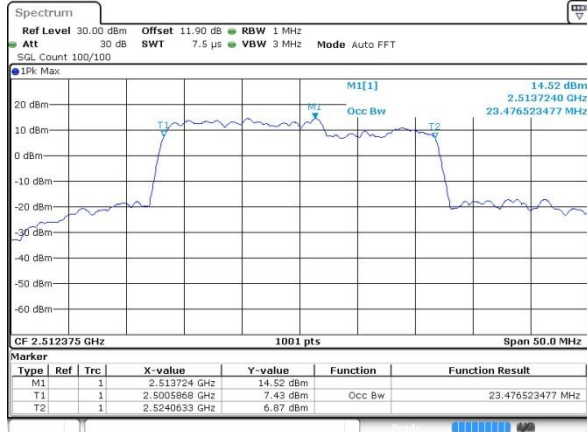
Date: 25 JUL 2018 03:32:46



## LTE Band 7

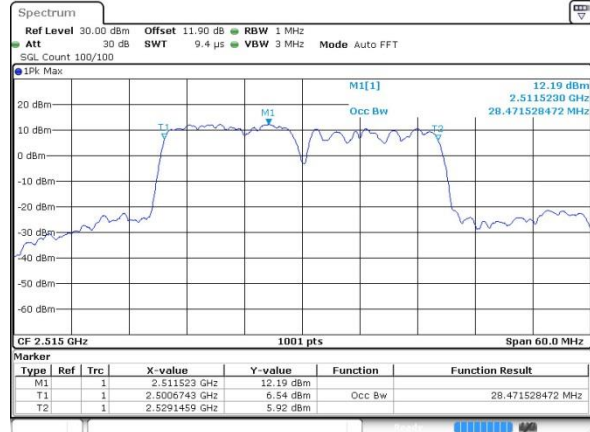
## QPSK

## Lowest Channel / 15MHz+10MHz



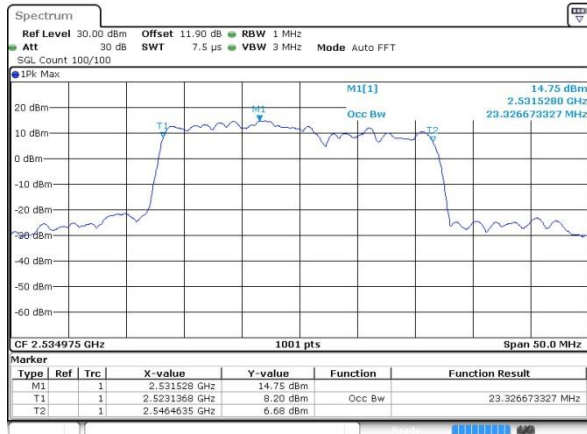
Date: 25 JUL 2018 05:00:24

## Lowest Channel / 15MHz+15MHz



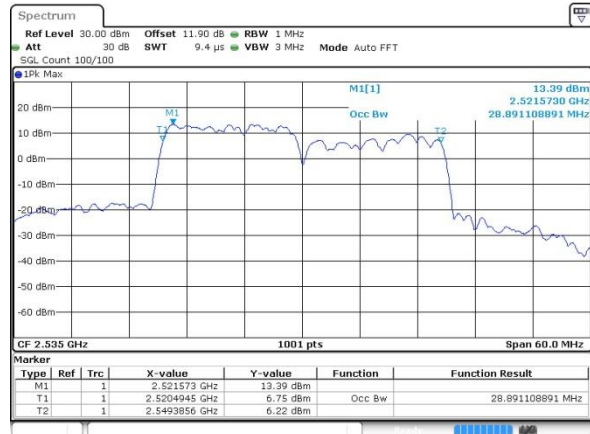
Date: 25 JUL 2018 03:43:51

## Middle Channel / 15MHz+10MHz



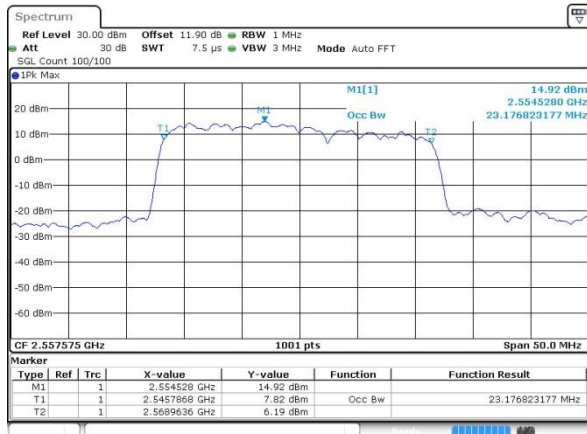
Date: 25 JUL 2018 05:48:20

## Middle Channel / 15MHz+15MHz



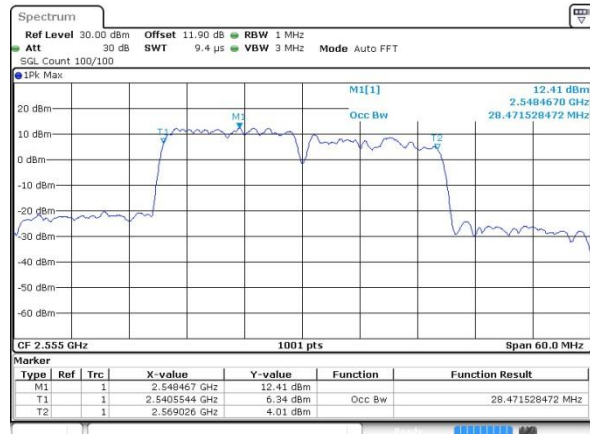
Date: 25 JUL 2018 04:09:11

## Highest Channel / 15MHz+10MHz



Date: 25 JUL 2018 05:04:07

## Highest Channel / 15MHz+15MHz



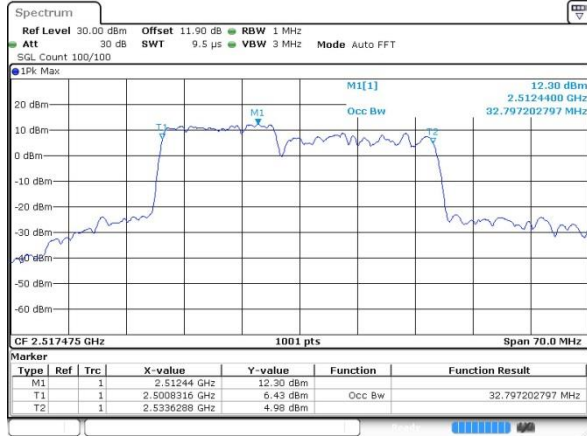
Date: 25 JUL 2018 04:12:48



## LTE Band 7

## QPSK

## Lowest Channel / 15MHz+20MHz



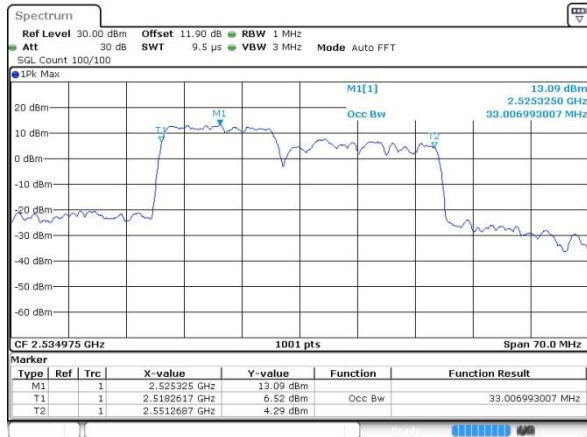
Date: 25 JUL 2018 04:18:03

## Lowest Channel / 20MHz+10MHz



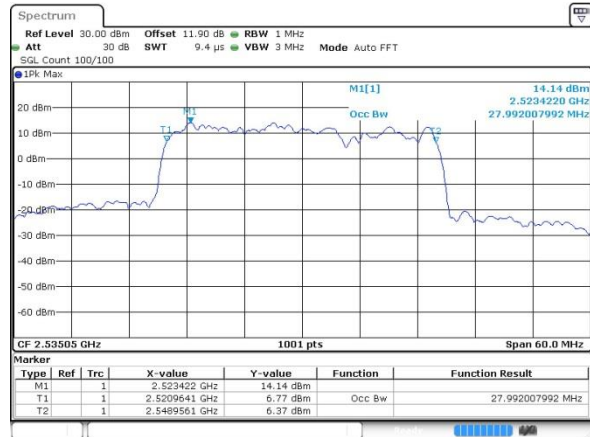
Date: 25 JUL 2018 03:34:31

## Middle Channel / 15MHz+20MHz



Date: 25 JUL 2018 04:24:49

## Middle Channel / 20MHz+10MHz



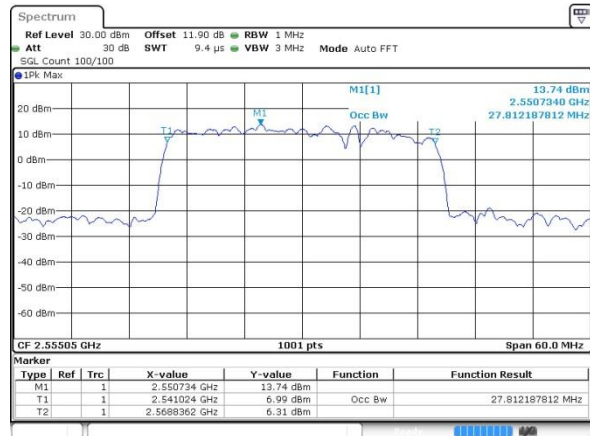
Date: 25 JUL 2018 03:38:30

## Highest Channel / 15MHz+20MHz



Date: 25 JUL 2018 04:32:00

## Highest Channel / 20MHz+10MHz



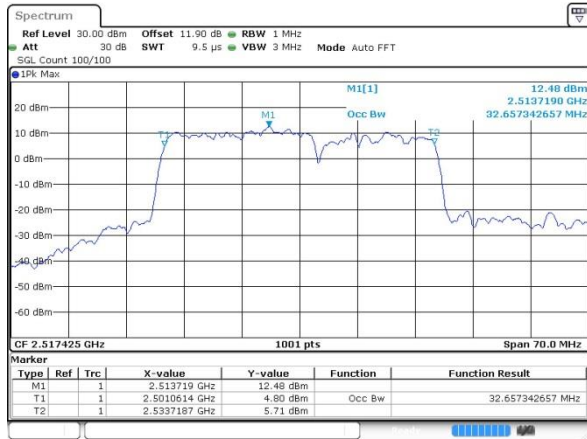
Date: 25 JUL 2018 03:42:09



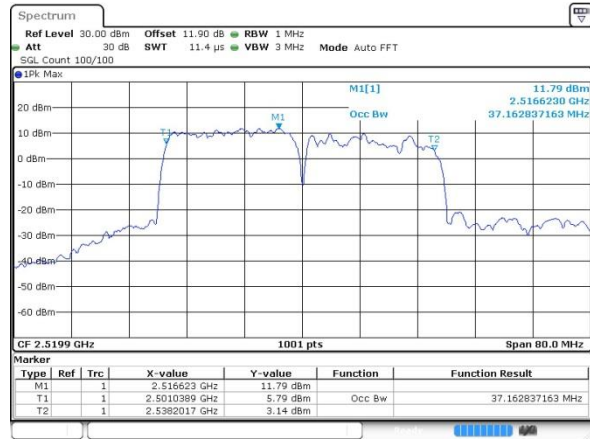
## LTE Band 7

## QPSK

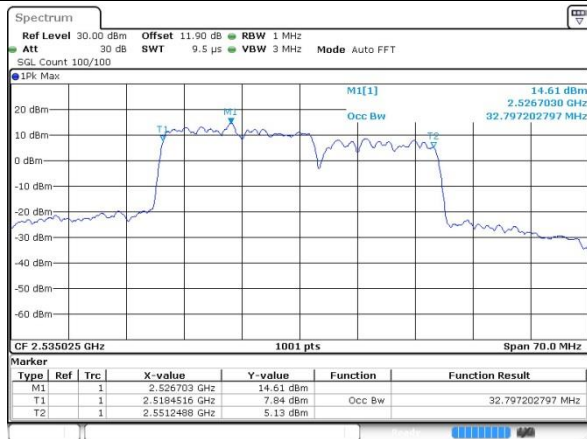
## Lowest Channel / 20MHz+15MHz



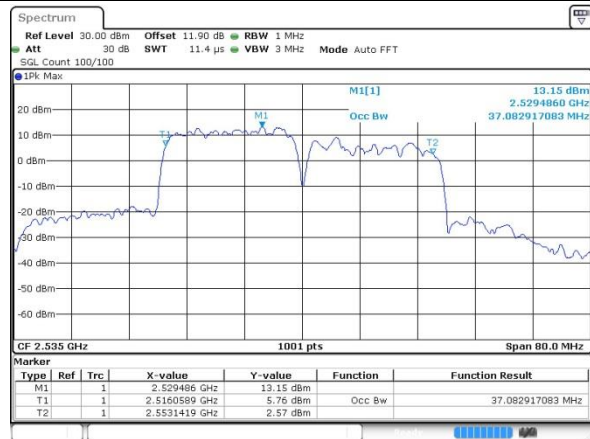
## Lowest Channel / 20MHz+20MHz



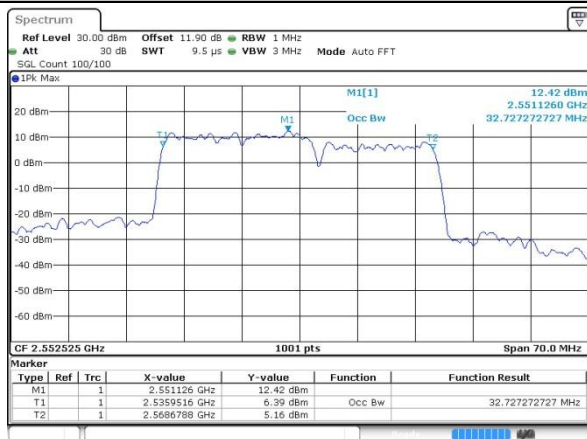
## Middle Channel / 20MHz+15MHz



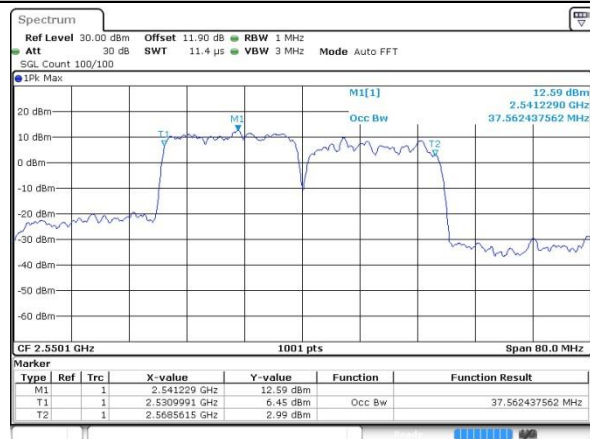
## Middle Channel / 20MHz+20MHz



## Highest Channel / 20MHz+15MHz



## Highest Channel / 20MHz+20MHz

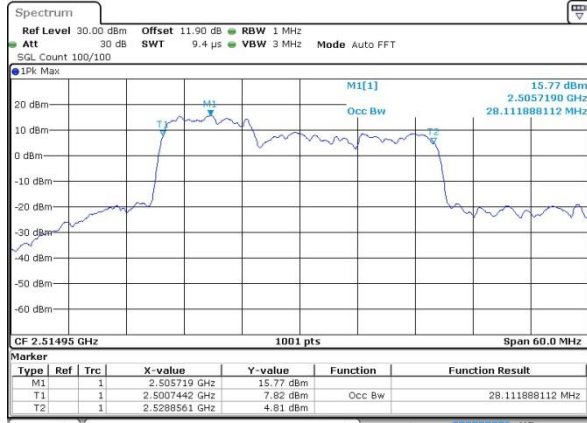




## LTE Band 7

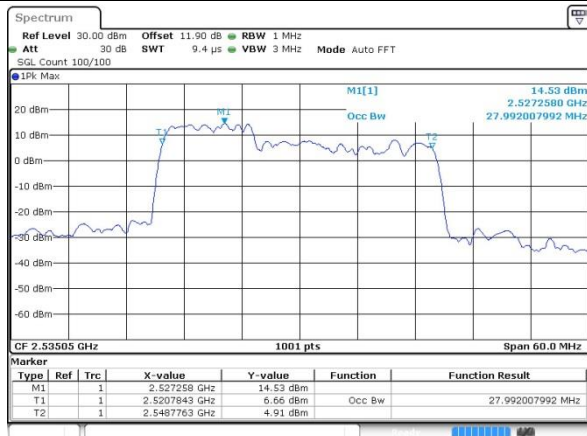
## 16QAM

## Lowest Channel / 10MHz+20MHz



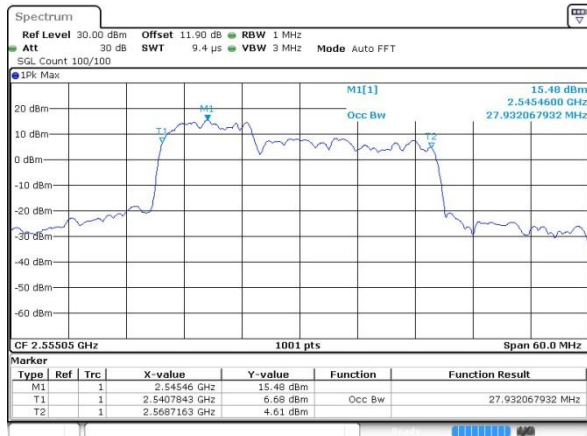
Date: 25 JUL 2018 03:27:41

## Middle Channel / 10MHz+20MHz



Date: 25 JUL 2018 03:30:16

## Highest Channel / 10MHz+20MHz



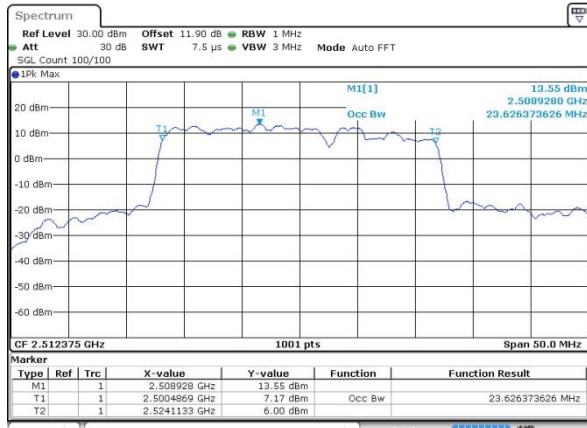
Date: 25 JUL 2018 03:32:33



## LTE Band 7

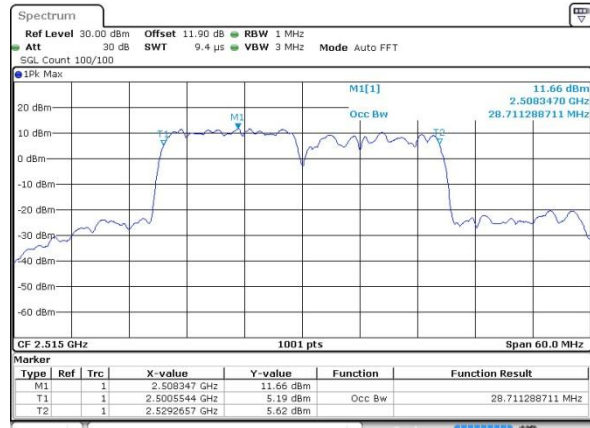
## 16QAM

## Lowest Channel / 15MHz+10MHz



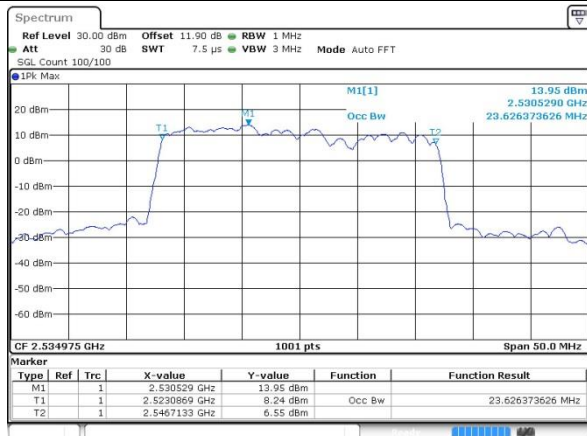
Date: 25 JUL 2018 05:00:43

## Lowest Channel / 15MHz+15MHz



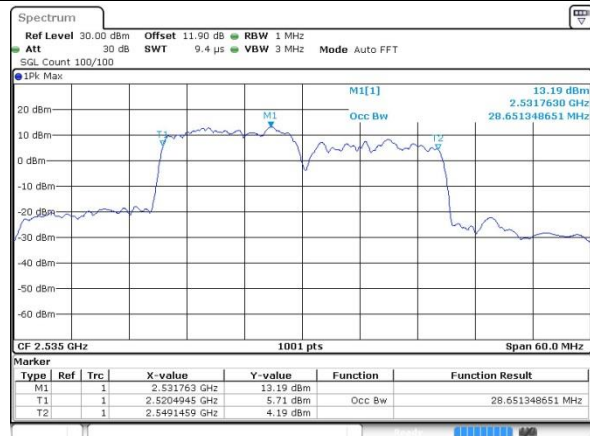
Date: 25 JUL 2018 03:44:03

## Middle Channel / 15MHz+10MHz



Date: 25 JUL 2018 05:48:35

## Middle Channel / 15MHz+15MHz



Date: 25 JUL 2018 04:09:30

## Highest Channel / 15MHz+10MHz



Date: 25 JUL 2018 05:03:49

## Highest Channel / 15MHz+15MHz



Date: 25 JUL 2018 04:12:22