



## LTE Band 7

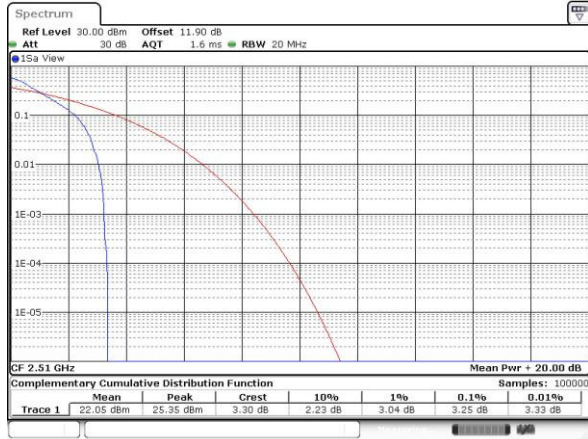
### Peak-to-Average Ratio

| Mode       | LTE Band 7 / 20MHz |         |       |         |             |
|------------|--------------------|---------|-------|---------|-------------|
| Mod.       | QPSK               |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 3.25               | 4.58    | 4.43  | 5.57    | PASS        |
| Middle CH  | 4.29               | 5.01    | 5.01  | 5.97    |             |
| Highest CH | 3.68               | 5.19    | 4.87  | 6.12    |             |

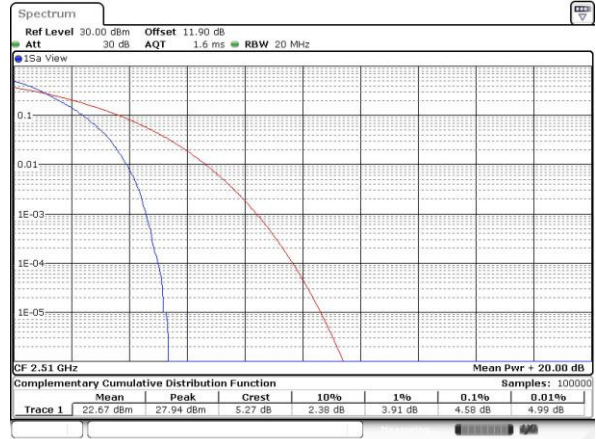


## LTE Band 7 / 20MHz / QPSK

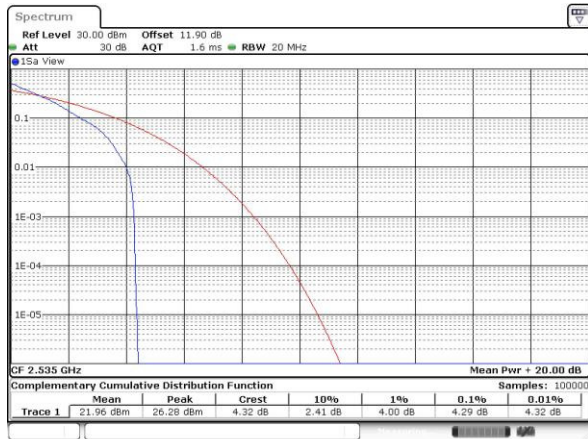
## Lowest Channel / 1RB



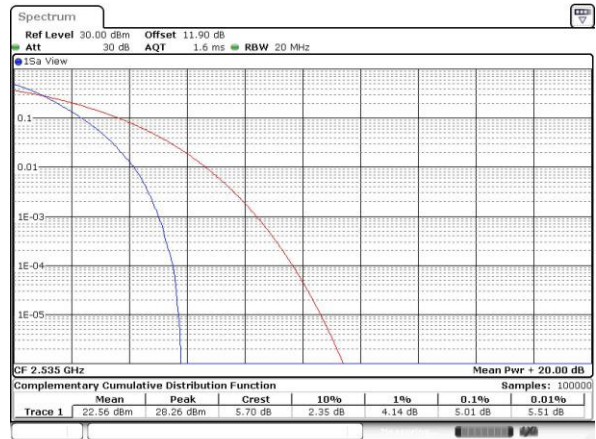
## Lowest Channel / Full RB



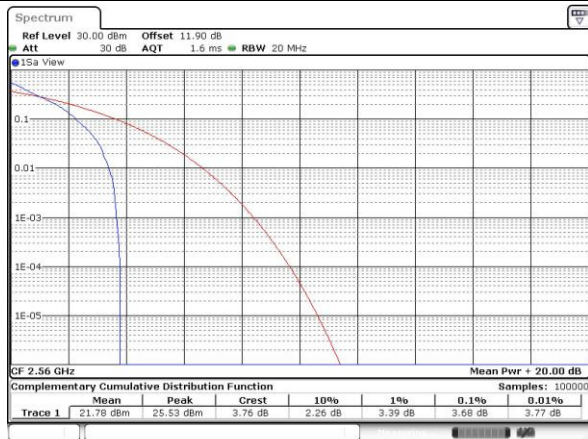
## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



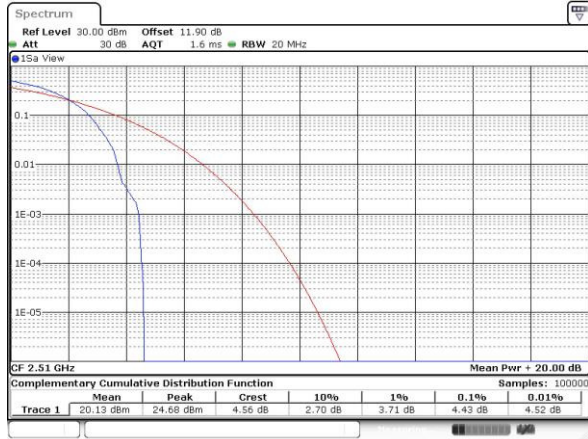
## Highest Channel / Full RB



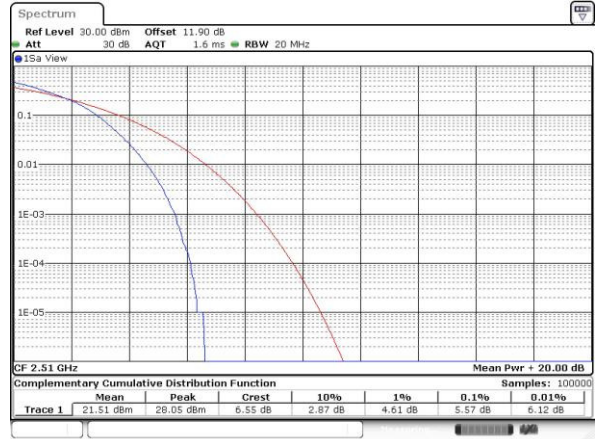


## LTE Band 7 / 20MHz / 16QAM

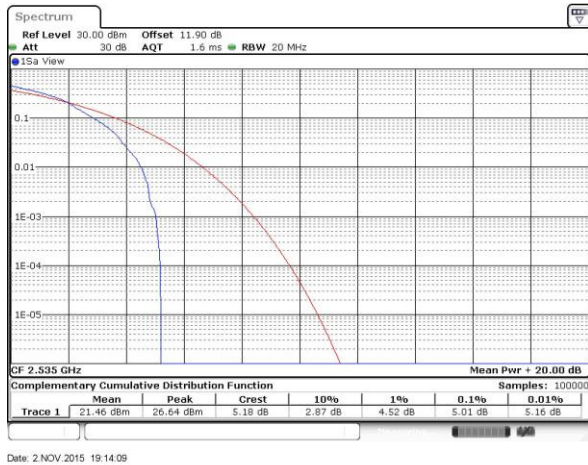
## Lowest Channel / 1RB



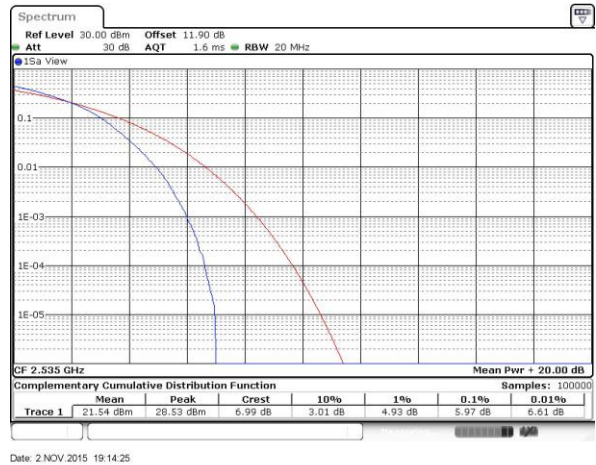
## Lowest Channel / Full RB



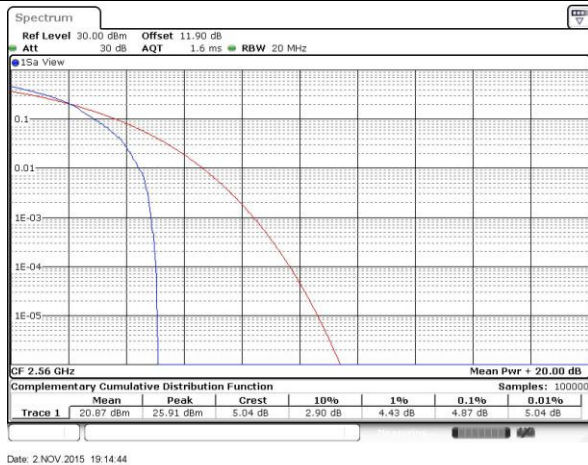
## Middle Channel / 1RB



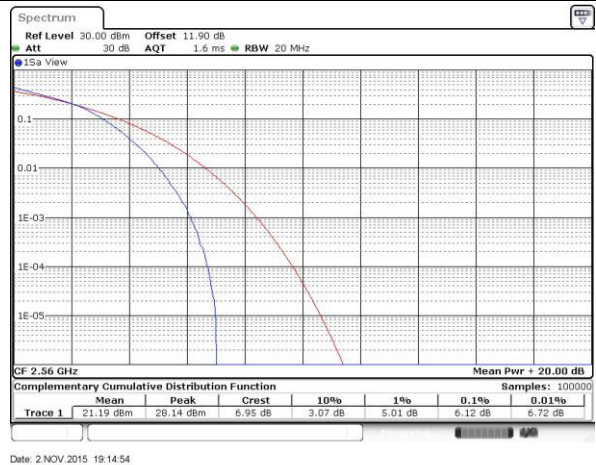
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



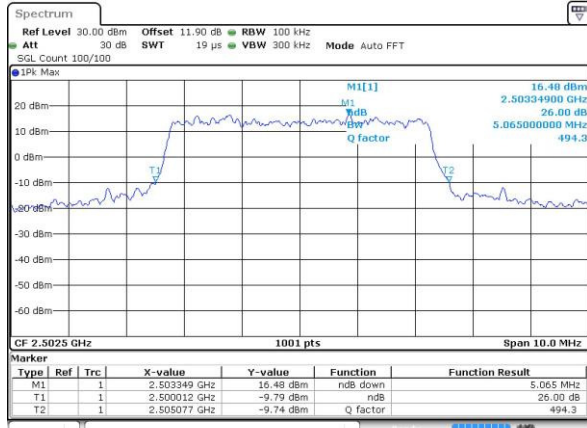
**26dB Bandwidth**

| Mode       | LTE Band 7 : 26dB BW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 5.07 | 4.92  | 10.15 | 9.91  | 14.36 | 14.63 | 20.26 | 20.18 |
| Middle CH  | -                         | -     | -    | -     | 4.96 | 4.86  | 9.95  | 9.89  | 14.21 | 14.45 | 20.26 | 20.42 |
| Highest CH | -                         | -     | -    | -     | 4.96 | 5.01  | 9.77  | 9.83  | 14.24 | 14.45 | 20.26 | 20.3  |

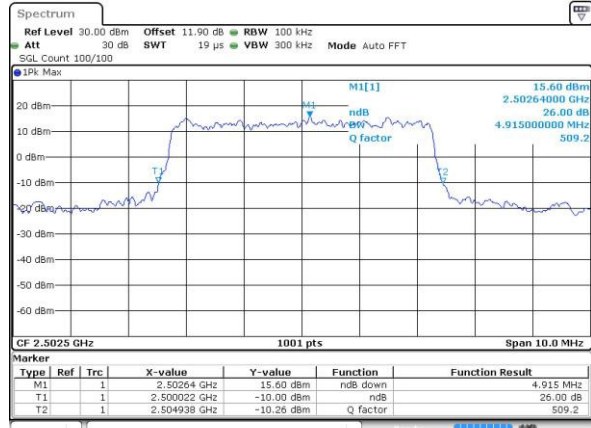


## LTE Band 7

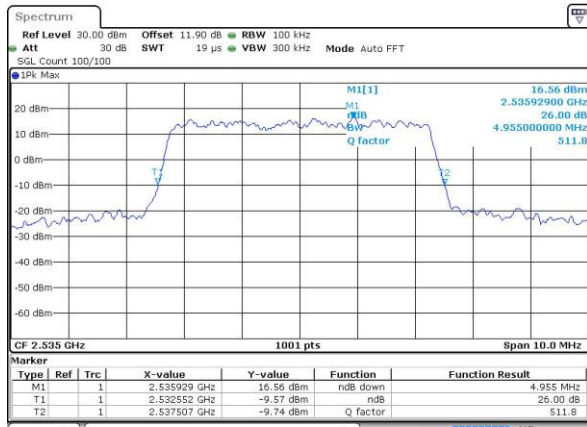
## Lowest Channel / 5MHz / QPSK



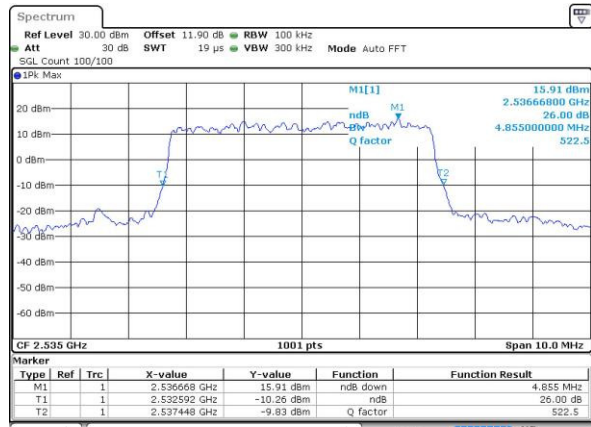
## Lowest Channel / 5MHz / 16QAM



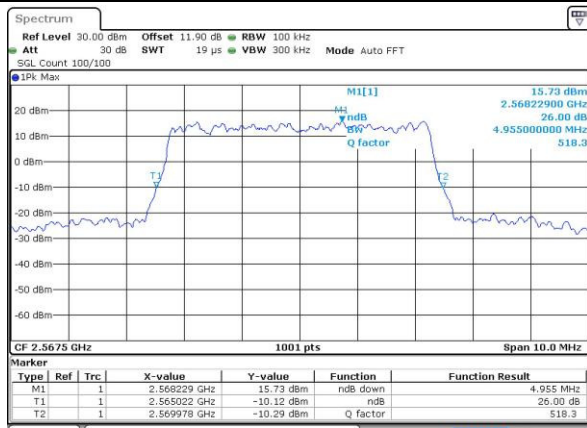
## Middle Channel / 5MHz / QPSK



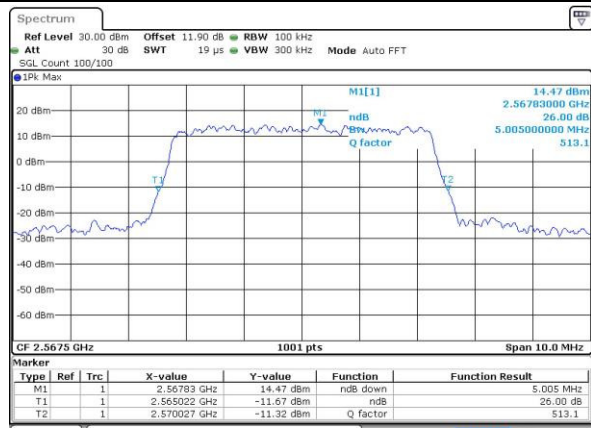
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



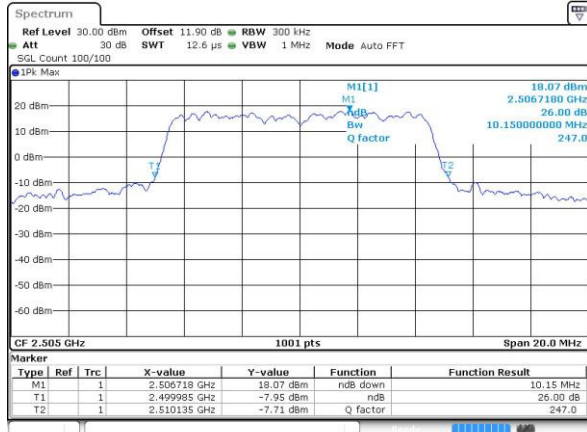
## Highest Channel / 5MHz / 16QAM





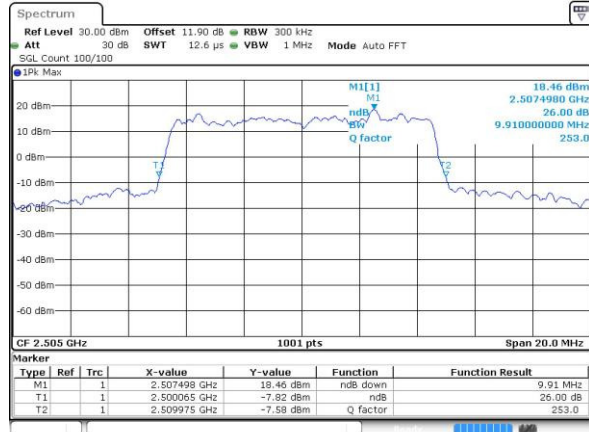
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



Date: 2 NOV 2015 17:27:54

## Lowest Channel / 10MHz / 16QAM



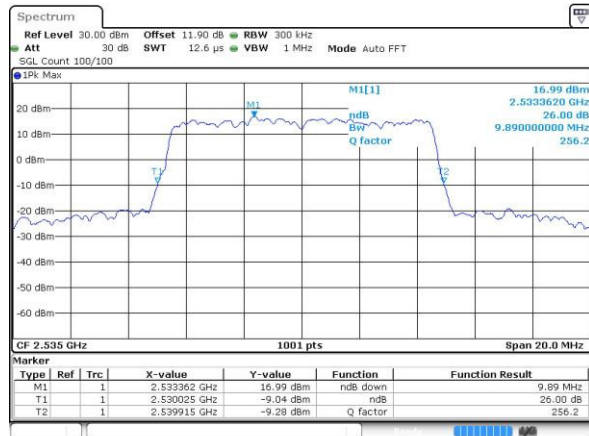
Date: 2 NOV 2015 17:28:04

## Middle Channel / 10MHz / QPSK



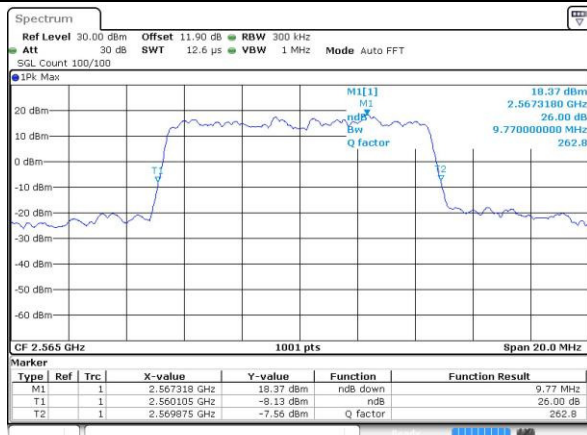
Date: 2 NOV 2015 17:35:03

## Middle Channel / 10MHz / 16QAM



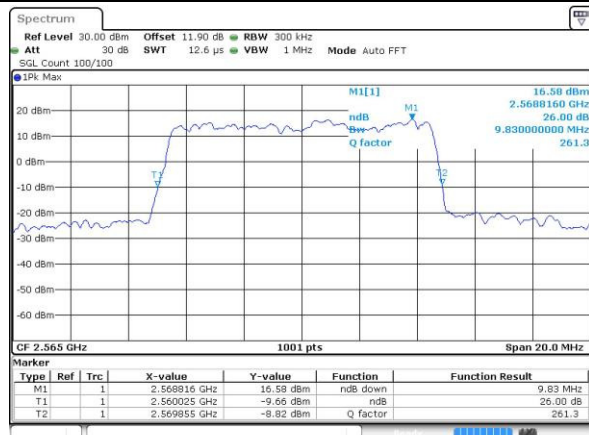
Date: 2 NOV 2015 17:35:13

## Highest Channel / 10MHz / QPSK



Date: 2 NOV 2015 17:37:32

## Highest Channel / 10MHz / 16QAM

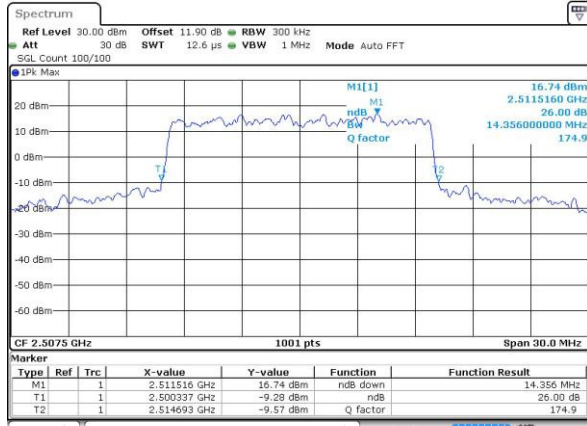


Date: 2 NOV 2015 17:37:43



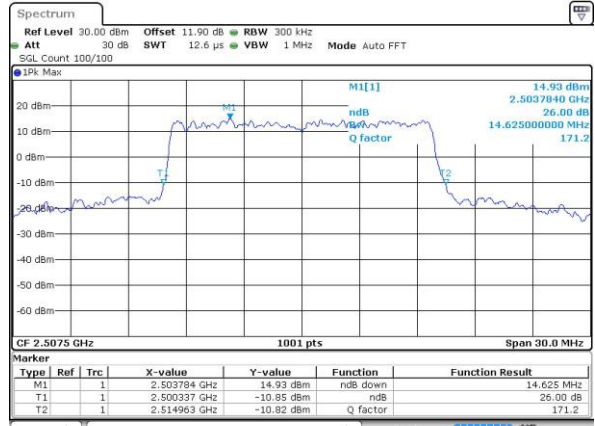
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



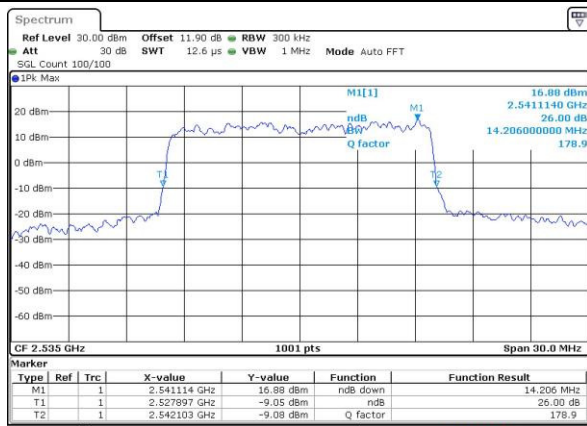
Date: 2 NOV 2015 18:04:12

## Lowest Channel / 15MHz / 16QAM



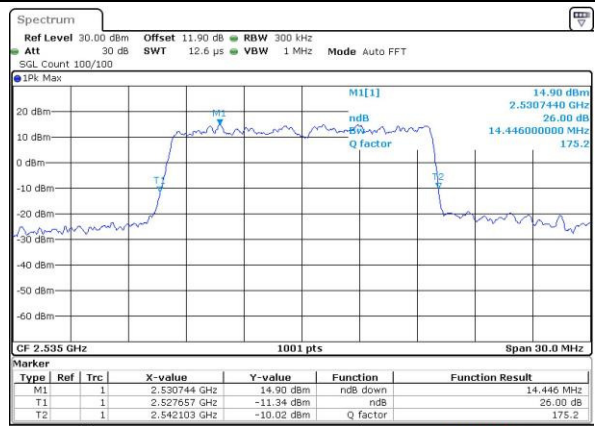
Date: 2 NOV 2015 18:04:23

## Middle Channel / 15MHz / QPSK



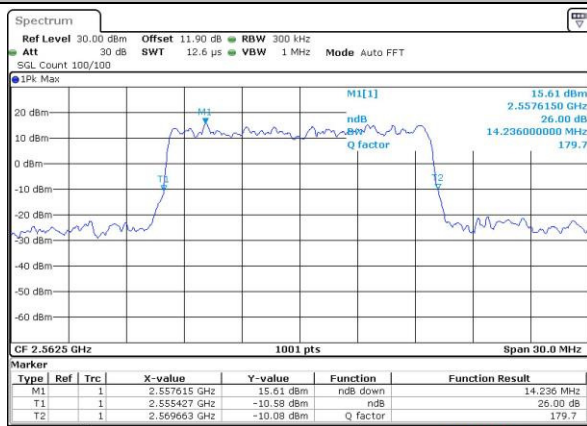
Date: 2 NOV 2015 18:08:01

## Middle Channel / 15MHz / 16QAM



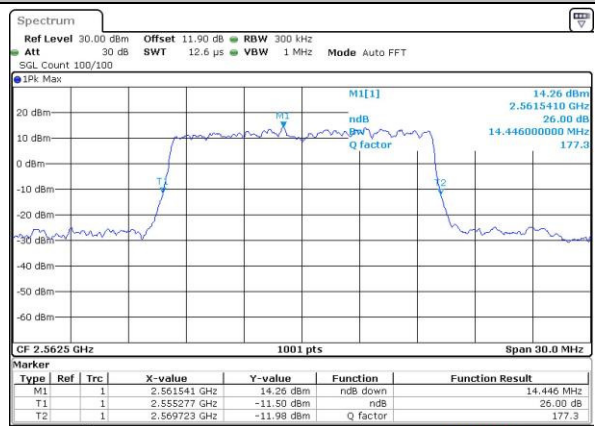
Date: 2 NOV 2015 18:08:11

## Highest Channel / 15MHz / QPSK



Date: 2 NOV 2015 18:10:31

## Highest Channel / 15MHz / 16QAM

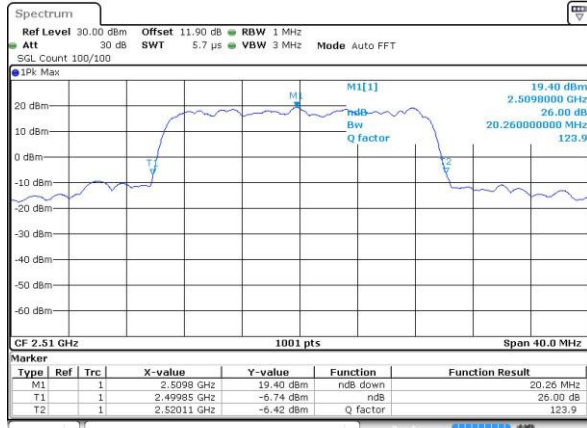


Date: 2 NOV 2015 18:10:41

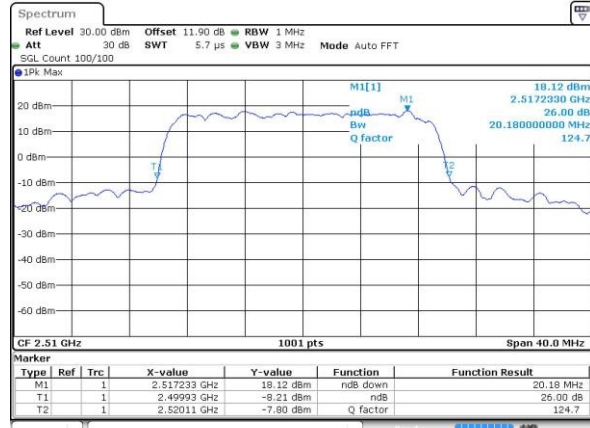


## LTE Band 7

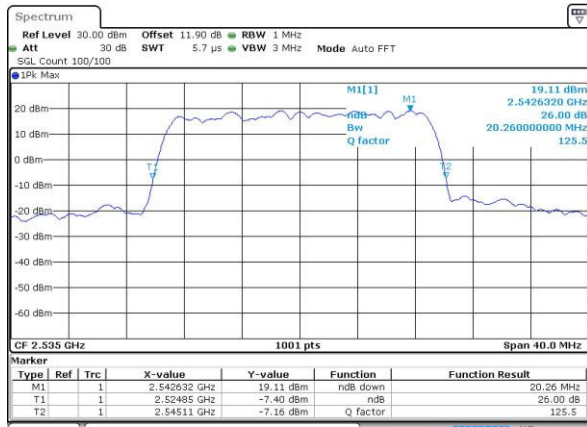
## Lowest Channel / 20MHz / QPSK



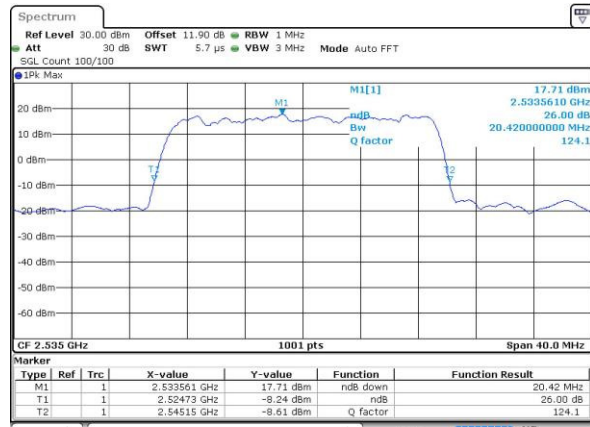
## Lowest Channel / 20MHz / 16QAM



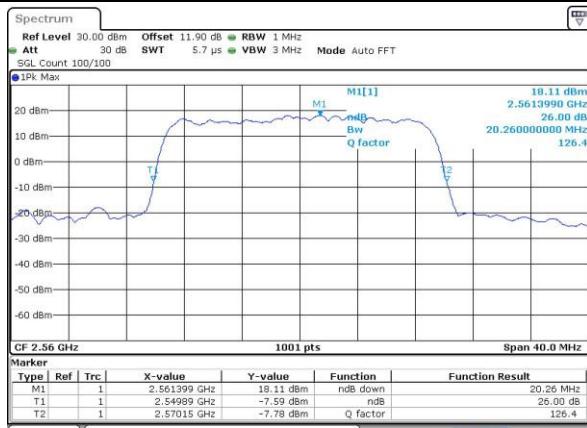
## Middle Channel / 20MHz / QPSK



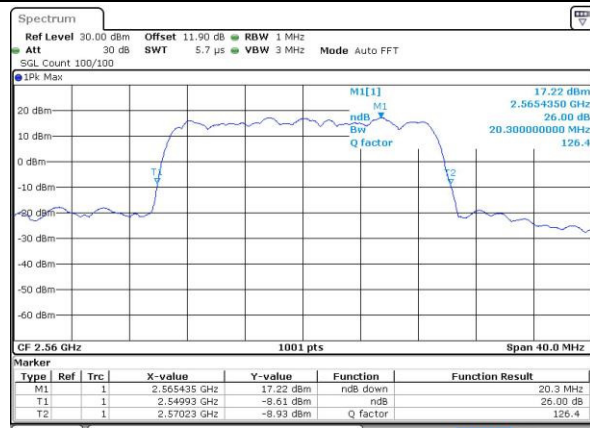
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM



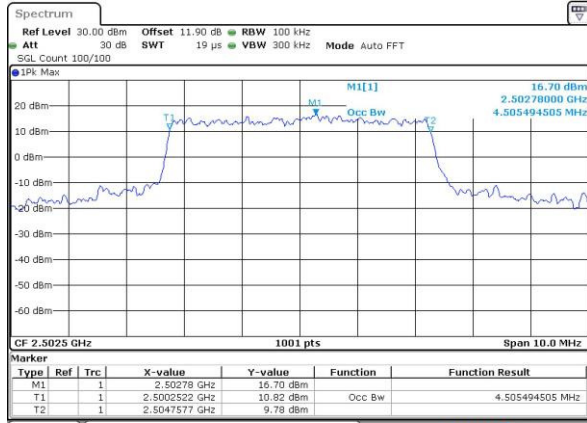
**Occupied Bandwidth**

| Mode       | LTE Band 7 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                        | -     | -    | -     | 4.51 | 4.51  | 9.01  | 8.99  | 13.46 | 13.43 | 18.3  | 18.38 |
| Middle CH  | -                        | -     | -    | -     | 4.52 | 4.49  | 9.09  | 9.09  | 13.43 | 13.46 | 18.5  | 18.42 |
| Highest CH | -                        | -     | -    | -     | 4.49 | 4.49  | 8.99  | 9.09  | 13.52 | 13.4  | 18.34 | 18.46 |



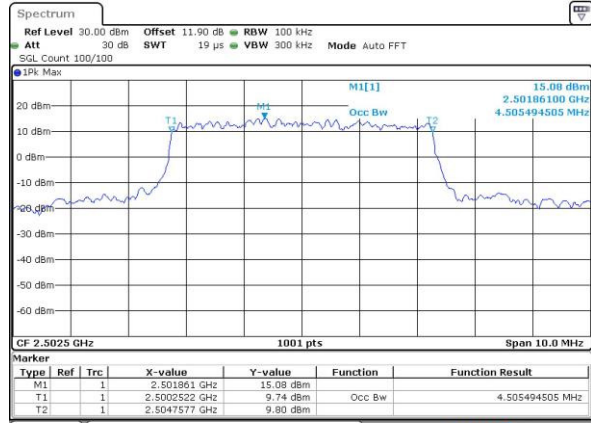
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



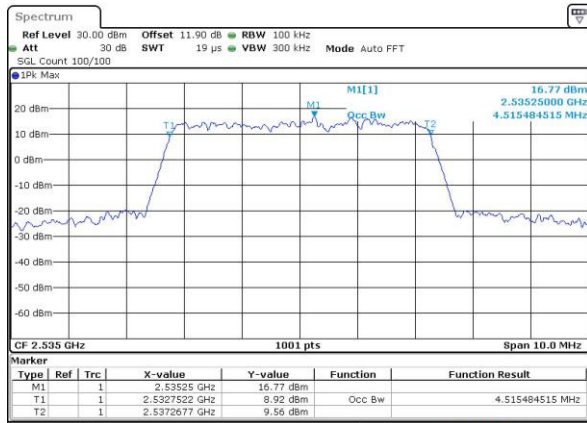
Date: 2 NOV 2015 19:18:03

## Lowest Channel / 5MHz / 16QAM



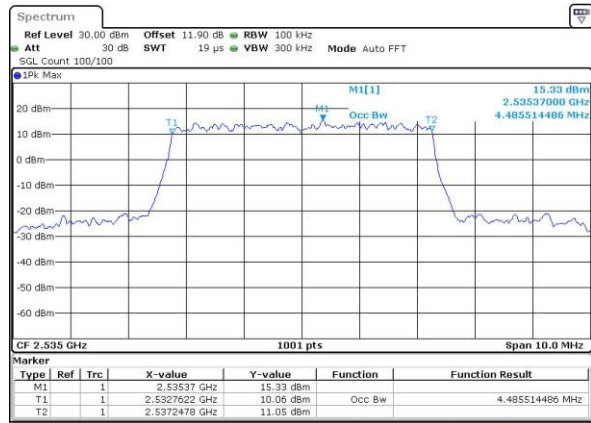
Date: 2 NOV 2015 18:03:04

## Middle Channel / 5MHz / QPSK



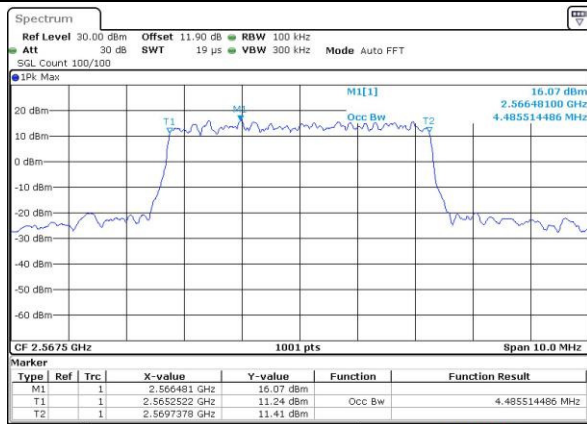
Date: 2 NOV 2015 17:17:53

## Middle Channel / 5MHz / 16QAM



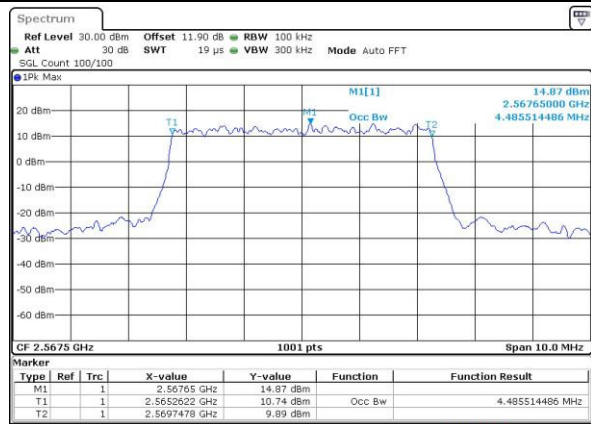
Date: 2 NOV 2015 17:18:04

## Highest Channel / 5MHz / QPSK



Date: 2 NOV 2015 17:20:24

## Highest Channel / 5MHz / 16QAM

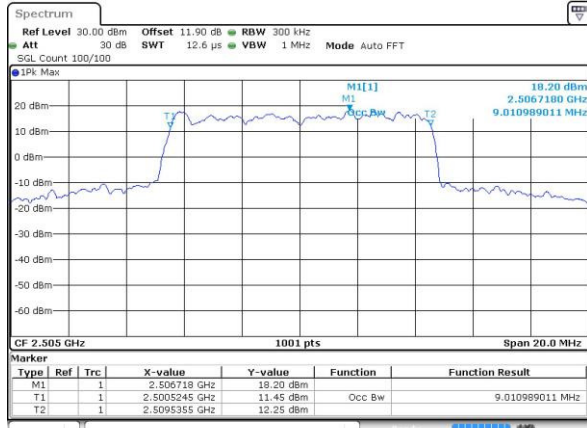


Date: 2 NOV 2015 17:20:34



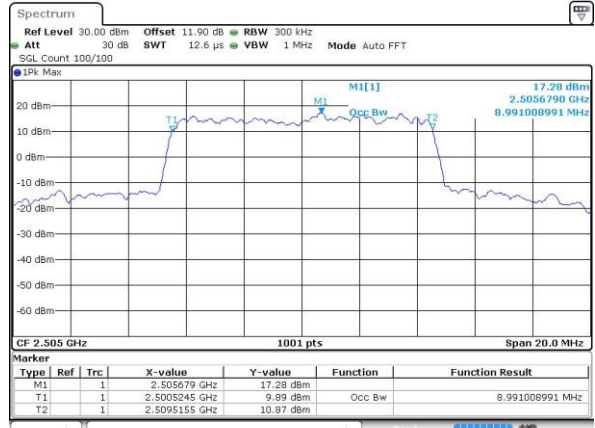
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



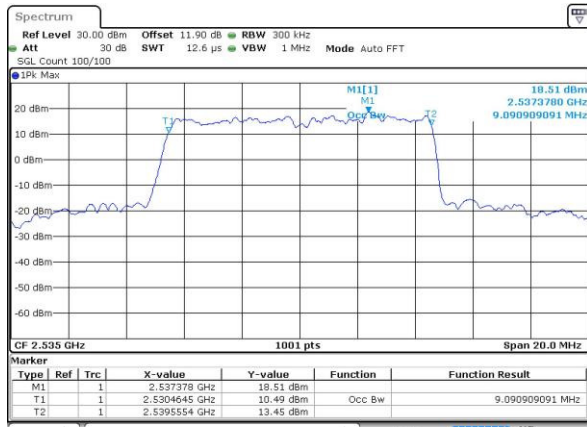
Date: 2 NOV 2015 17:27:33

## Lowest Channel / 10MHz / 16QAM



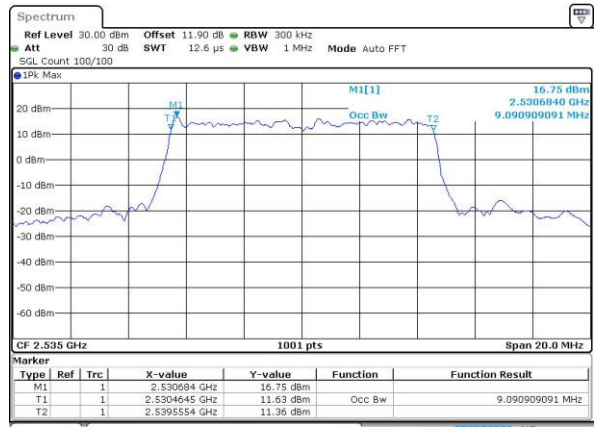
Date: 2 NOV 2015 17:27:43

## Middle Channel / 10MHz / QPSK



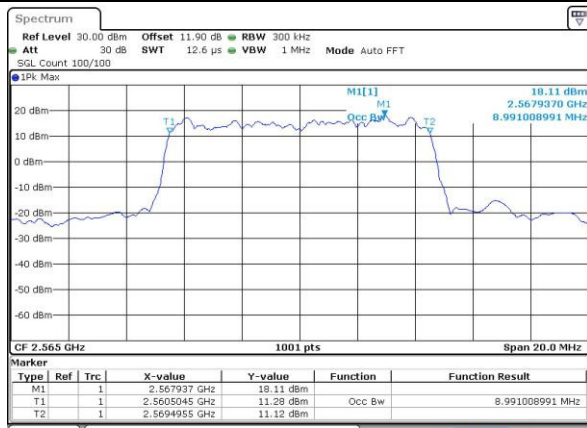
Date: 2 NOV 2015 17:34:42

## Middle Channel / 10MHz / 16QAM



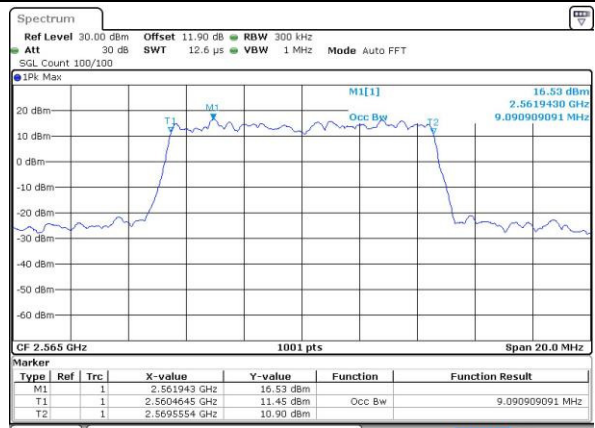
Date: 2 NOV 2015 17:34:52

## Highest Channel / 10MHz / QPSK



Date: 2 NOV 2015 17:37:11

## Highest Channel / 10MHz / 16QAM

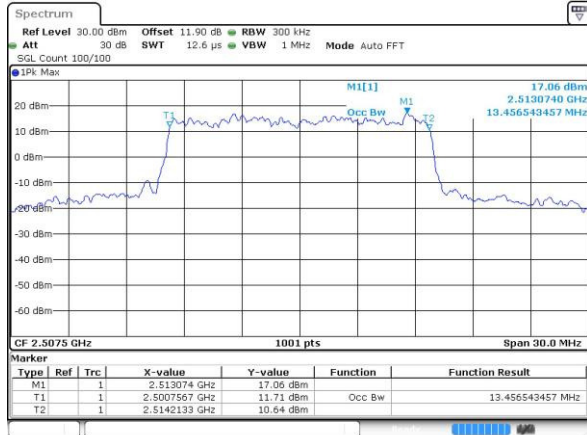


Date: 2 NOV 2015 17:37:22

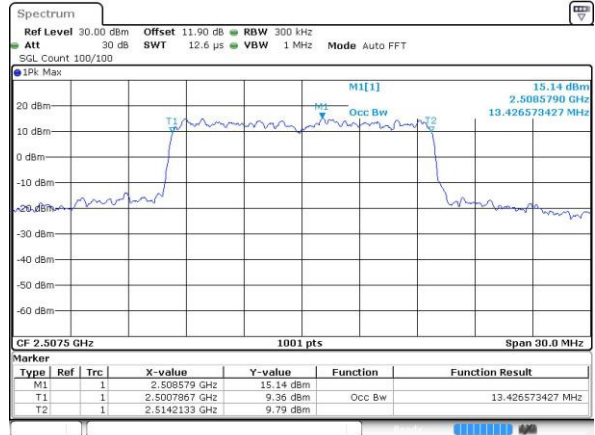


## LTE Band 7

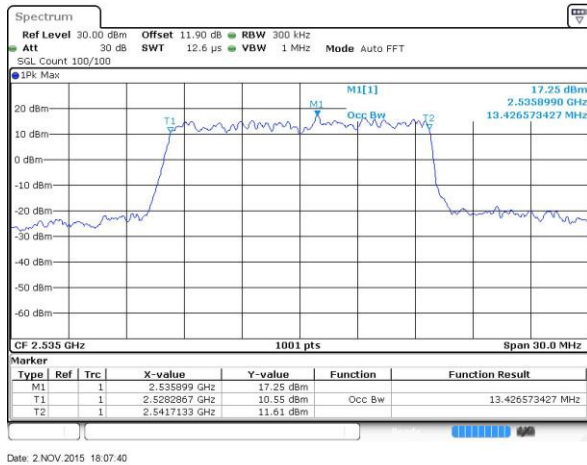
## Lowest Channel / 15MHz / QPSK



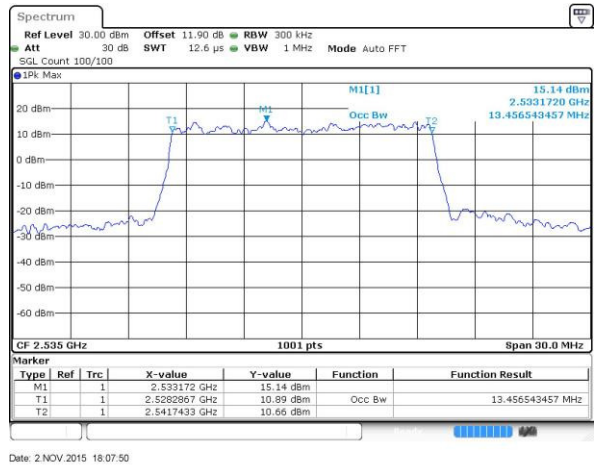
## Lowest Channel / 15MHz / 16QAM



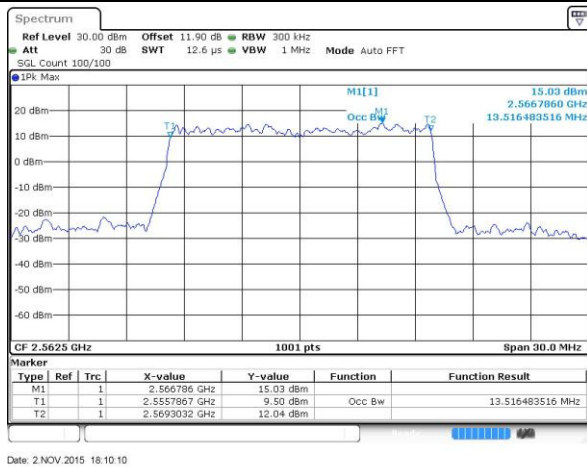
## Middle Channel / 15MHz / QPSK



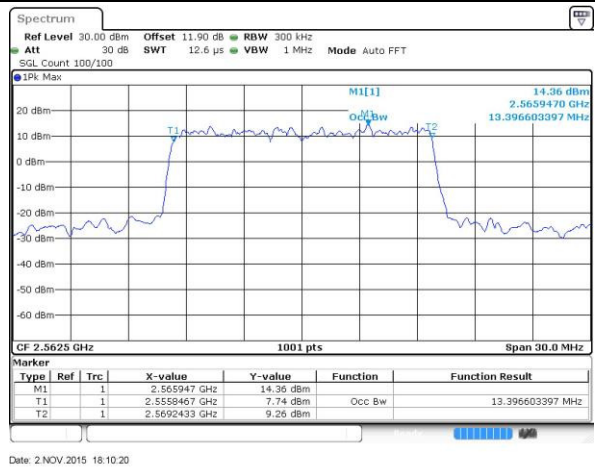
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



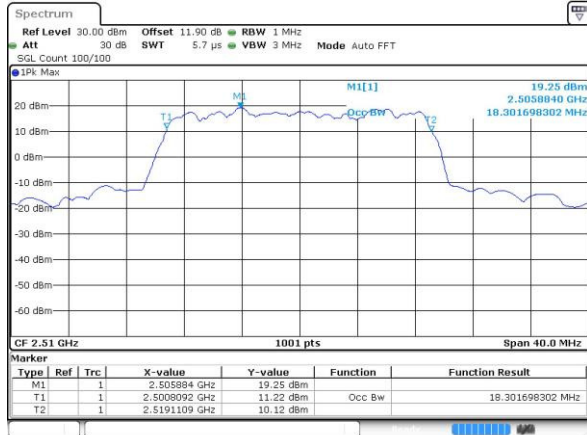
## Highest Channel / 15MHz / 16QAM





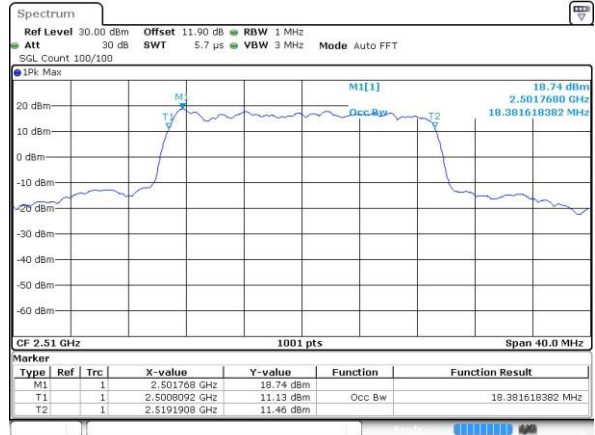
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



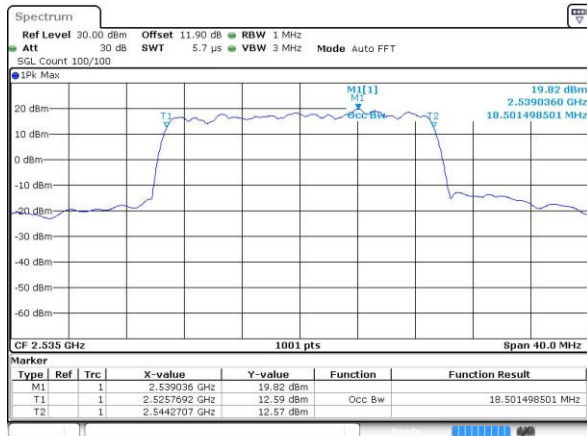
Date: 2 NOV 2015 18:15:05

## Lowest Channel / 20MHz / 16QAM



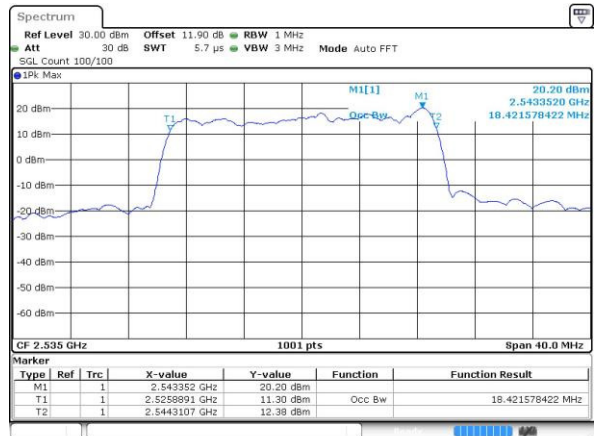
Date: 2 NOV 2015 18:15:16

## Middle Channel / 20MHz / QPSK



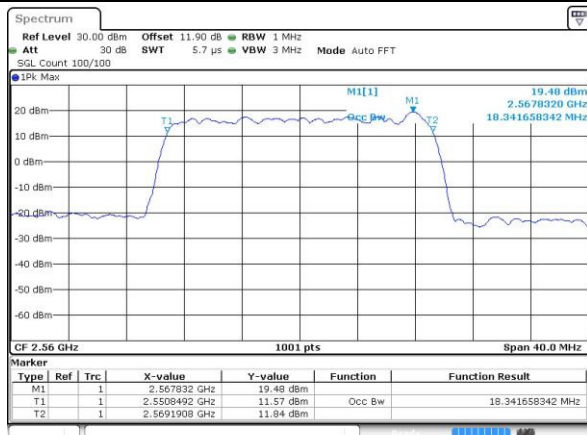
Date: 2 NOV 2015 18:23:28

## Middle Channel / 20MHz / 16QAM



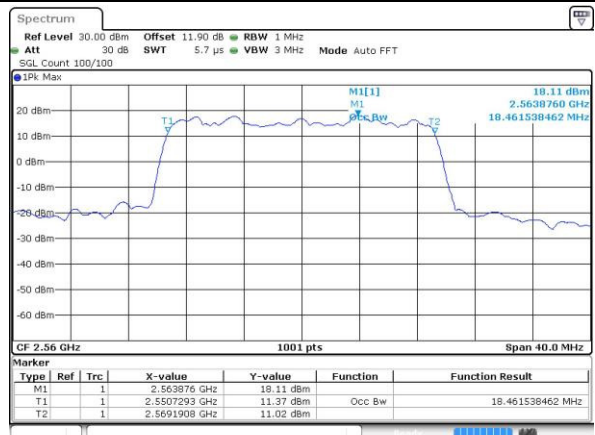
Date: 2 NOV 2015 18:23:36

## Highest Channel / 20MHz / QPSK



Date: 2 NOV 2015 18:25:58

## Highest Channel / 20MHz / 16QAM



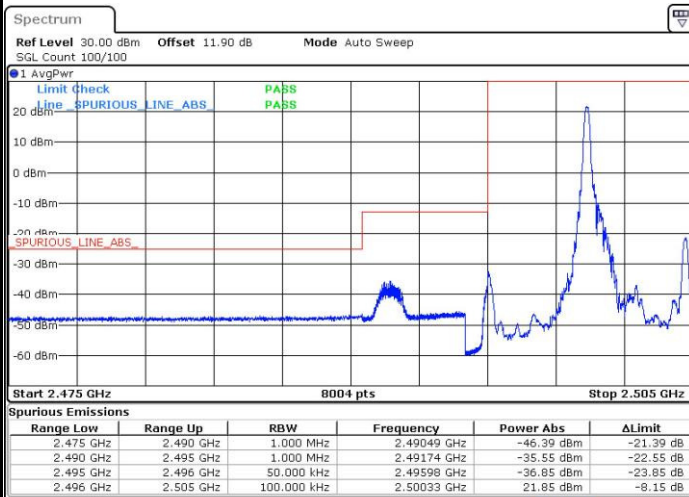
Date: 2 NOV 2015 18:26:08



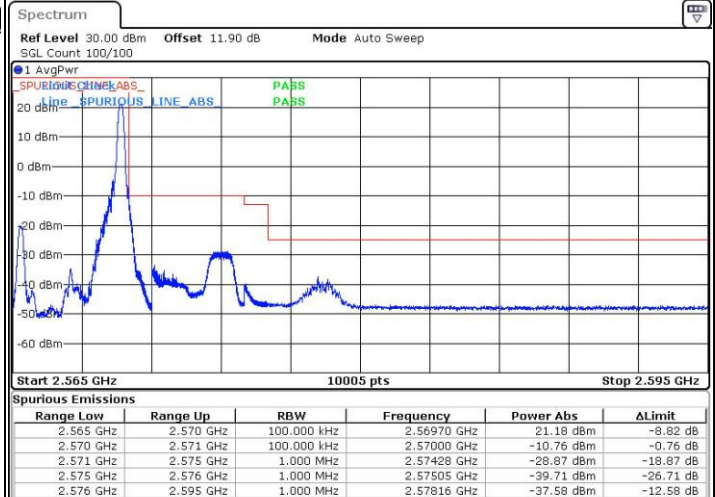
# Conducted Band Edge

## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



### Highest Band Edge / 1 RB



### Lowest Band Edge / Full RB



### Highest Band Edge / Full RB

