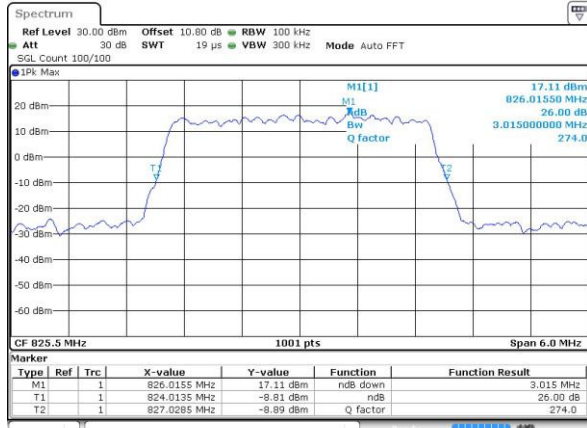




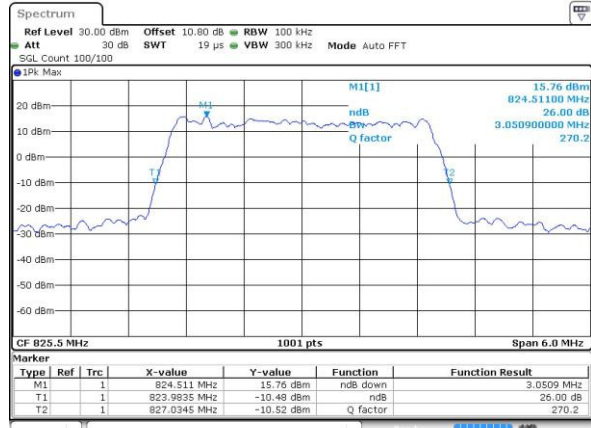
## LTE Band 5

## Lowest Channel / 3MHz / QPSK



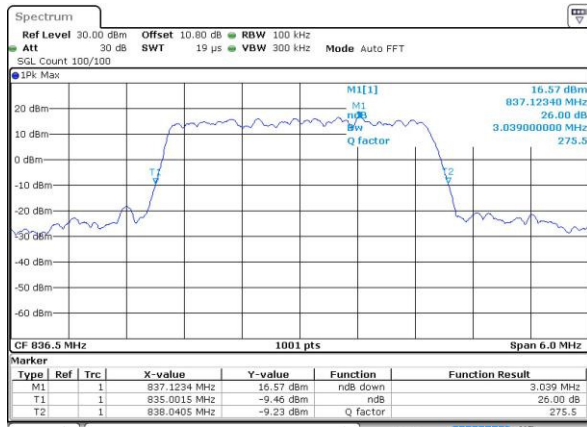
Date: 6 APR 2017 19:48:44

## Lowest Channel / 3MHz / 16QAM



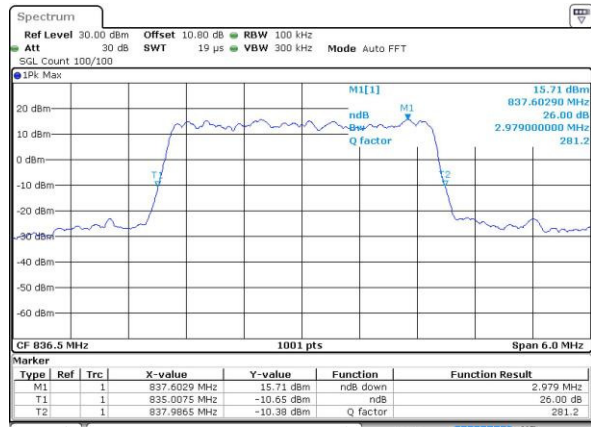
Date: 6 APR 2017 19:48:54

## Middle Channel / 3MHz / QPSK



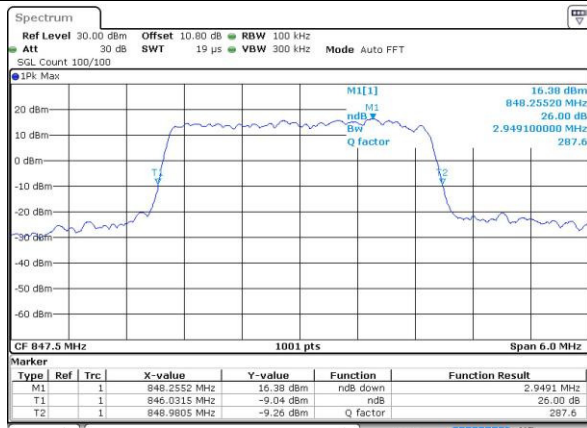
Date: 6 APR 2017 19:57:50

## Middle Channel / 3MHz / 16QAM



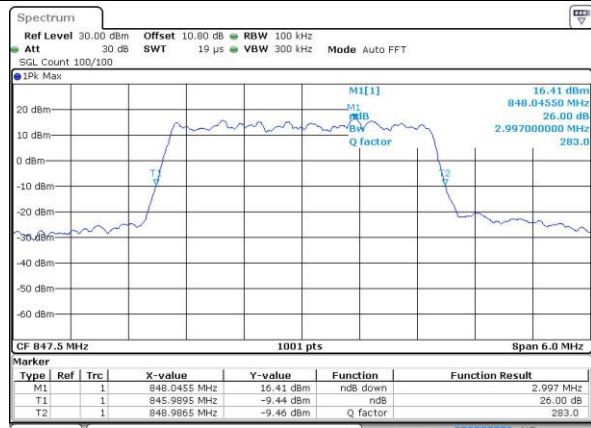
Date: 6 APR 2017 19:58:00

## Highest Channel / 3MHz / QPSK



Date: 6 APR 2017 20:00:20

## Highest Channel / 3MHz / 16QAM

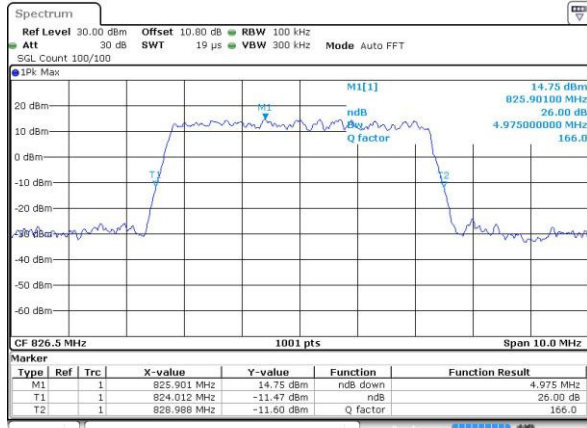


Date: 6 APR 2017 20:00:31

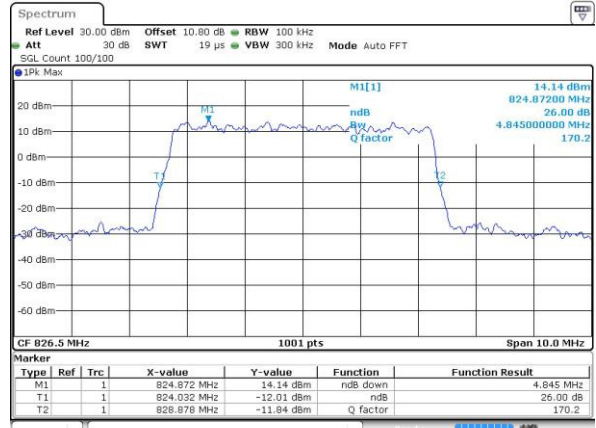


## LTE Band 5

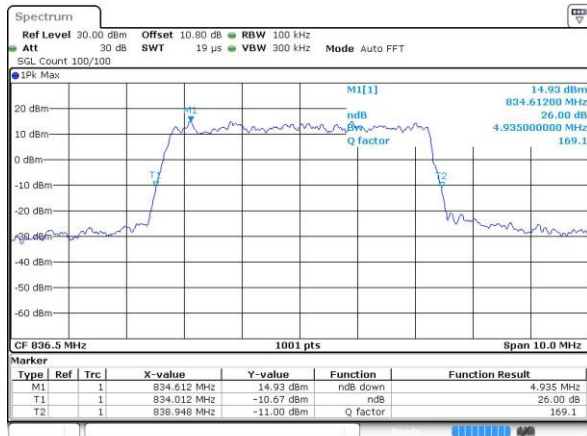
## Lowest Channel / 5MHz / QPSK



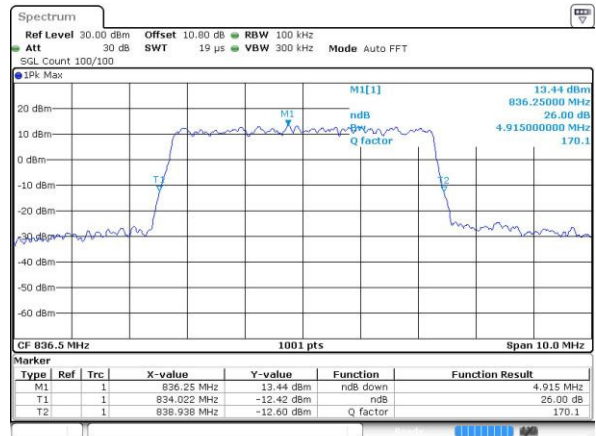
## Lowest Channel / 5MHz / 16QAM



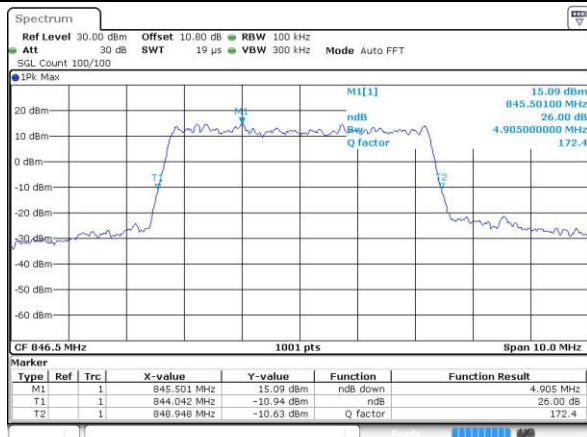
## Middle Channel / 5MHz / QPSK



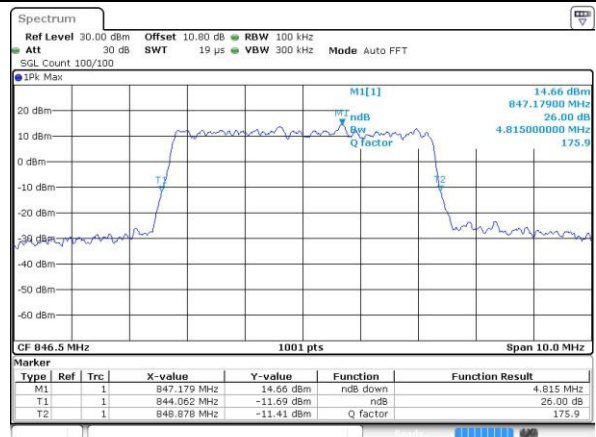
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



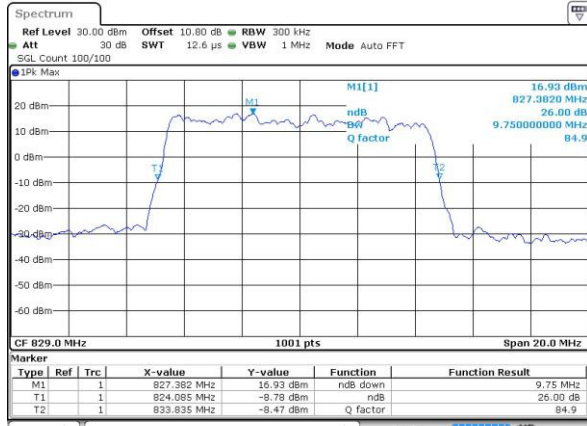
## Highest Channel / 5MHz / 16QAM



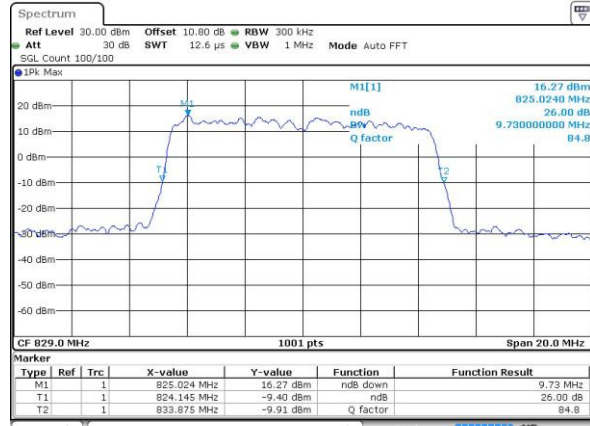


## LTE Band 5

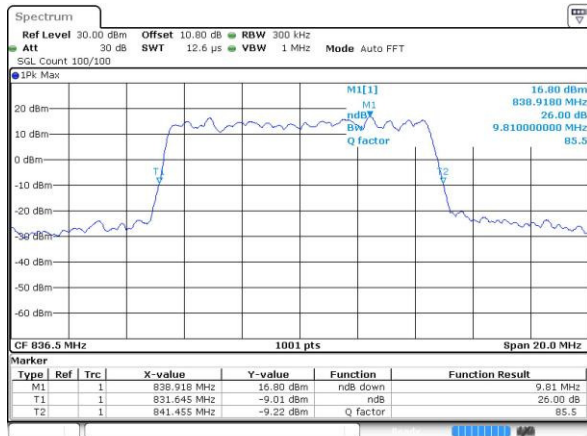
## Lowest Channel / 10MHz / QPSK



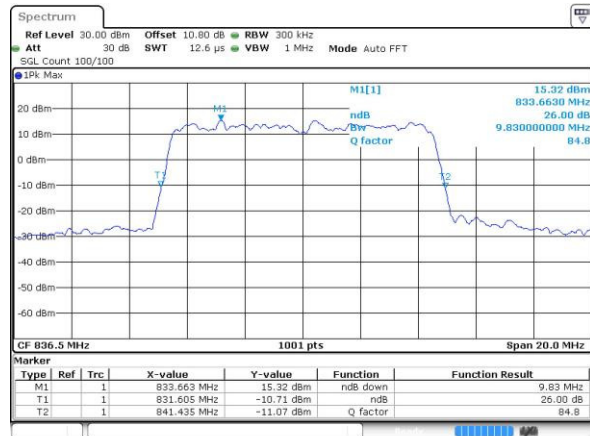
## Lowest Channel / 10MHz / 16QAM



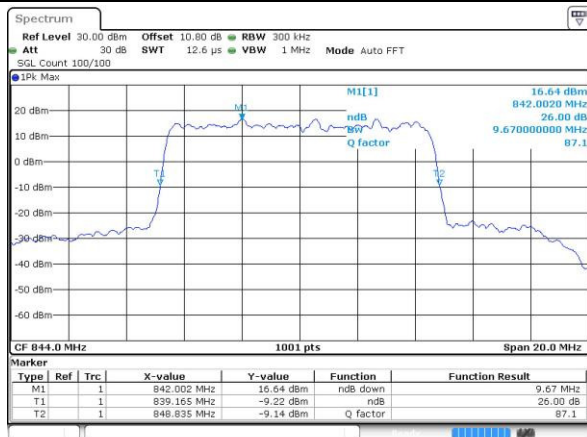
## Middle Channel / 10MHz / QPSK



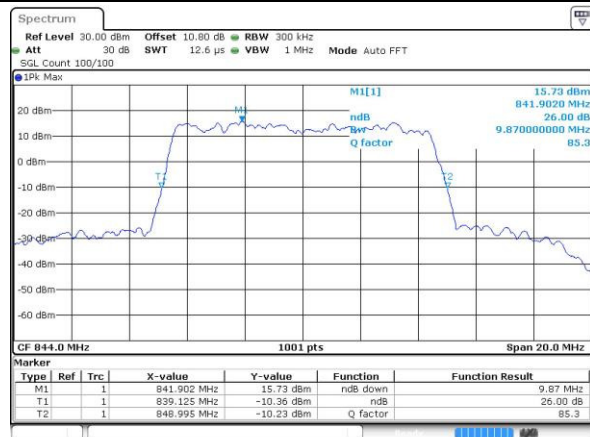
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



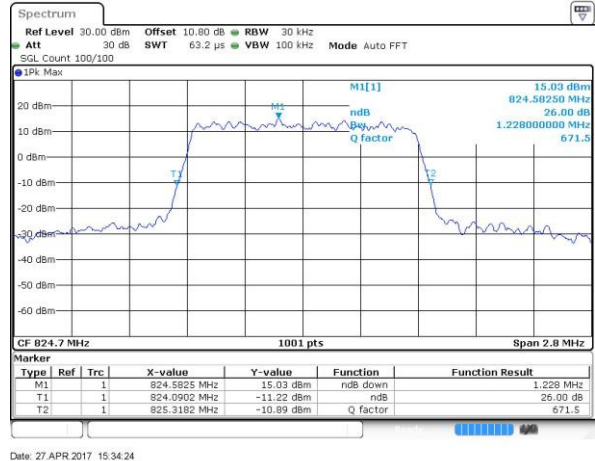
## Highest Channel / 10MHz / 16QAM



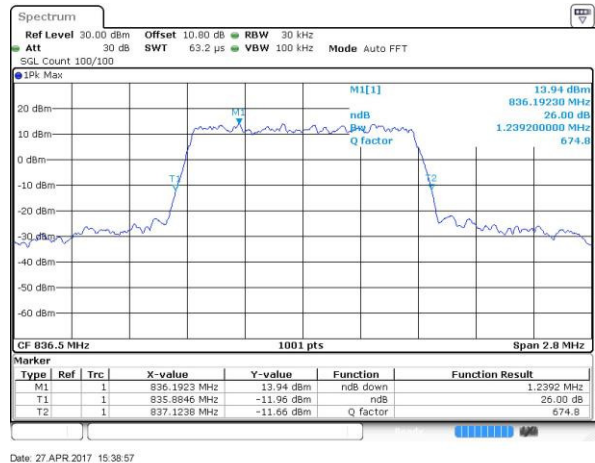


## LTE Band 5

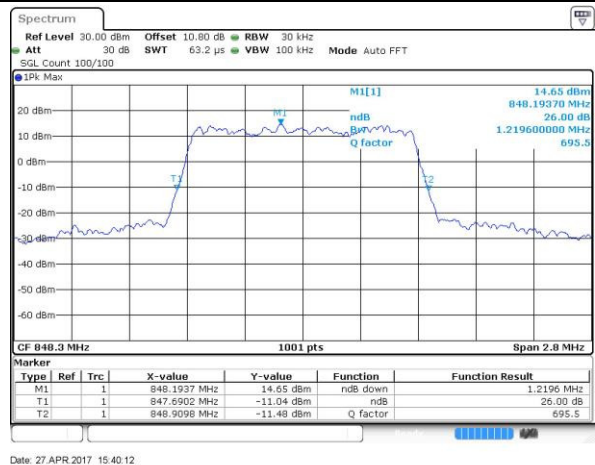
## Lowest Channel / 1.4MHz / 64QAM



## Middle Channel / 1.4MHz / 64QAM



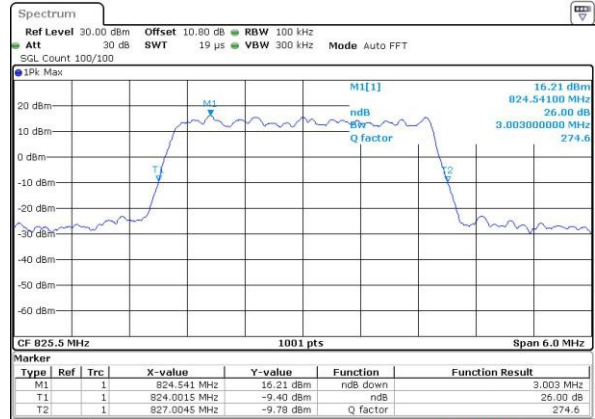
## Highest Channel / 1.4MHz / 64QAM



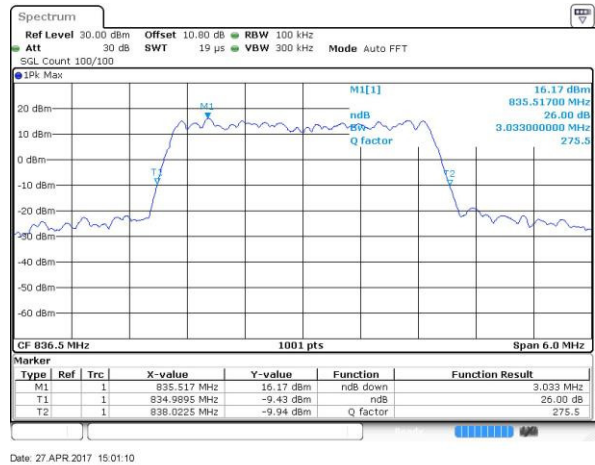


## LTE Band 5

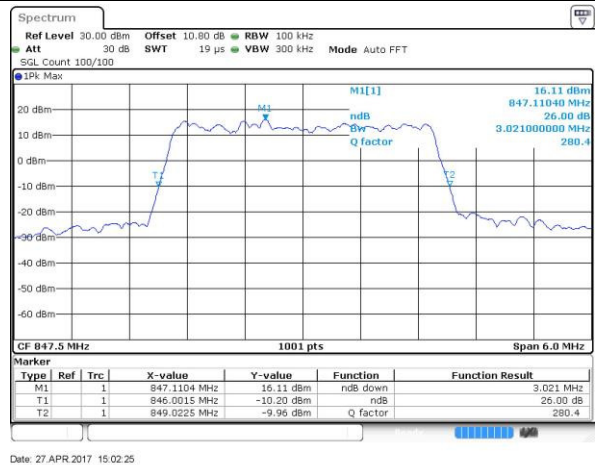
## Lowest Channel / 3MHz / 64QAM



## Middle Channel / 3MHz / 64QAM



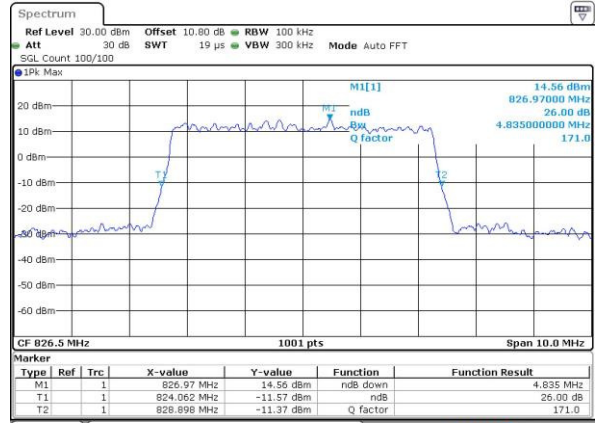
## Highest Channel / 3MHz / 64QAM





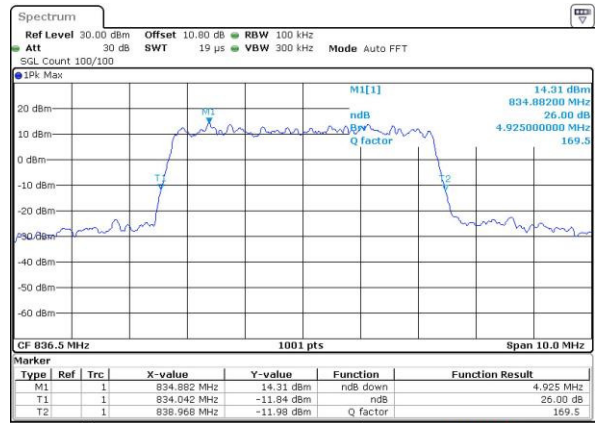
## LTE Band 5

## Lowest Channel / 5MHz / 64QAM



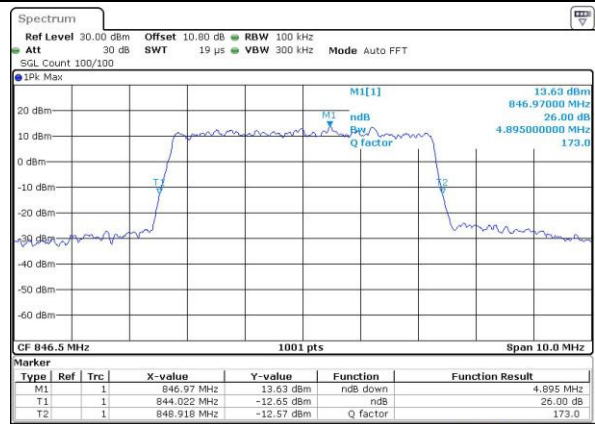
Date: 27 APR 2017 15:06:59

## Middle Channel / 5MHz / 64QAM



Date: 27 APR 2017 15:11:32

## Highest Channel / 5MHz / 64QAM

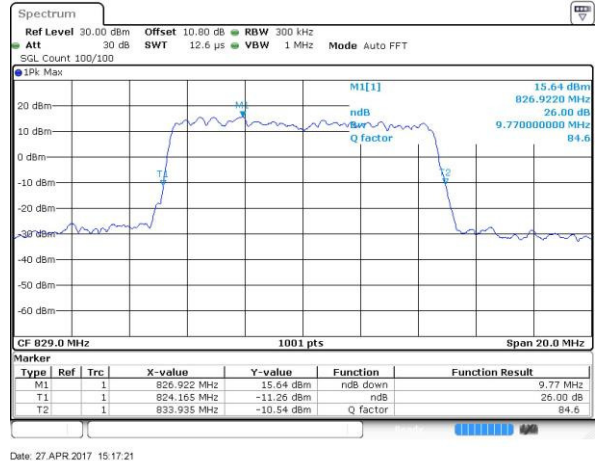


Date: 27 APR 2017 15:12:47

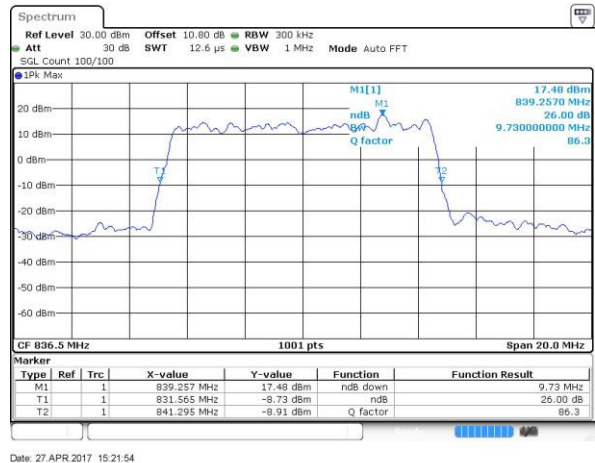


## LTE Band 5

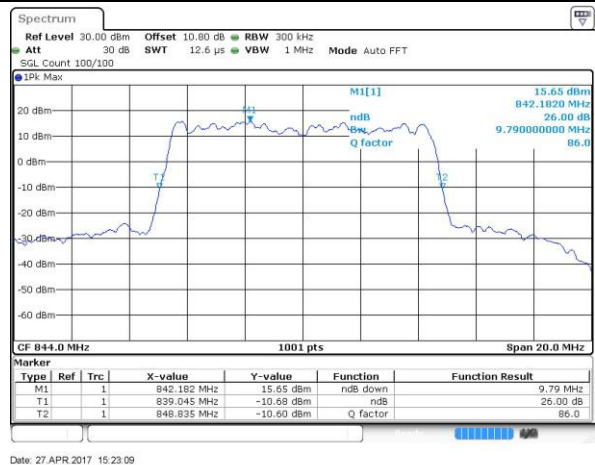
## Lowest Channel / 10MHz / 64QAM



## Middle Channel / 10MHz / 64QAM



## Highest Channel / 10MHz / 64QAM



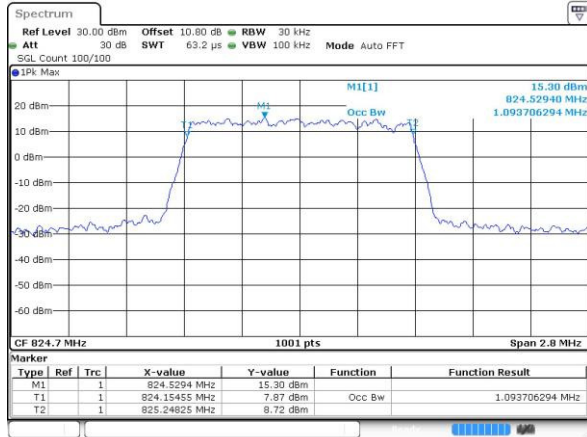
**Occupied Bandwidth**

| Mode       | LTE Band 5 : 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  | 1.09                     | 1.09  | 2.71 | 2.72  | 4.49 | 4.48  | 9.03  | 9.05  | -     | -     | -     | -     |
| Middle CH  | 1.09                     | 1.1   | 2.71 | 2.72  | 4.49 | 4.47  | 9.05  | 8.95  | -     | -     | -     | -     |
| Highest CH | 1.09                     | 1.09  | 2.73 | 2.7   | 4.49 | 4.49  | 9.07  | 9.01  | -     | -     | -     | -     |
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | -                        | 64QAM | -    | 64QAM | -    | 64QAM | -     | 64QAM | -     | 64QAM | -     | 64QAM |
| Lowest CH  | -                        | 1.08  | -    | 2.72  | -    | 4.5   | -     | 8.97  | -     | -     | -     | -     |
| Middle CH  | -                        | 1.09  | -    | 2.72  | -    | 4.51  | -     | 9.03  | -     | -     | -     | -     |
| Highest CH | -                        | 1.1   | -    | 2.7   | -    | 4.52  | -     | 8.99  | -     | -     | -     | -     |

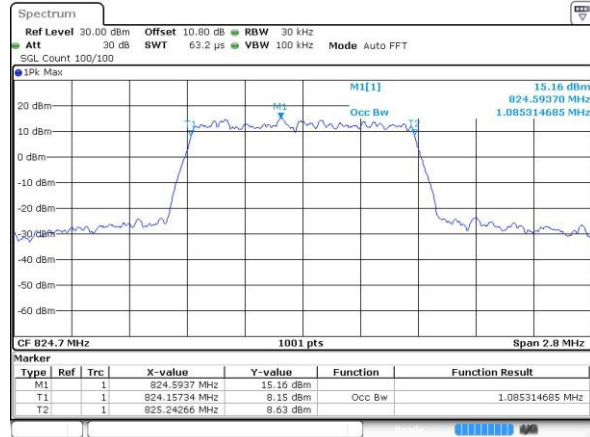


## LTE Band 5

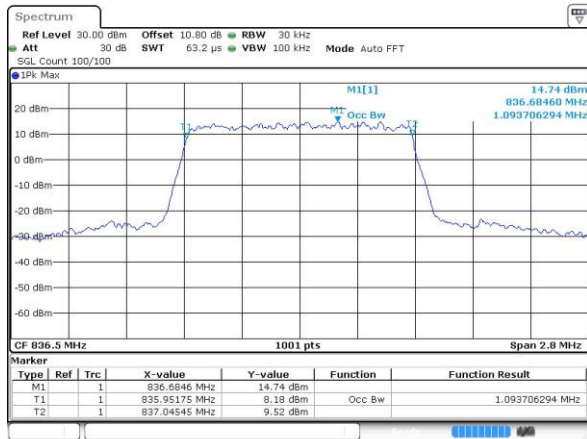
## Lowest Channel / 1.4MHz / QPSK



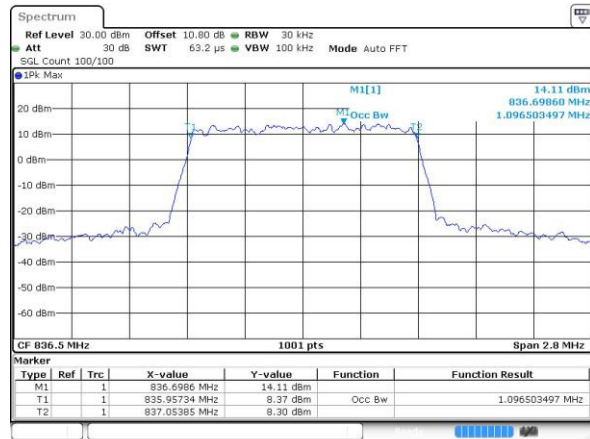
## Lowest Channel / 1.4MHz / 16QAM



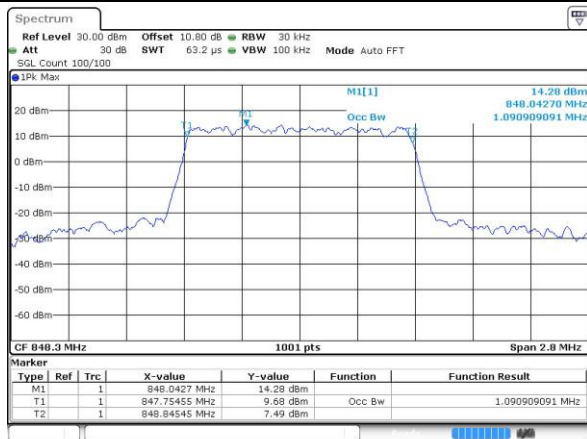
## Middle Channel / 1.4MHz / QPSK



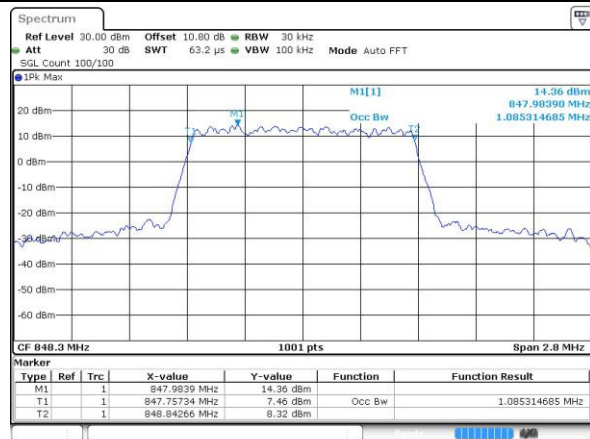
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



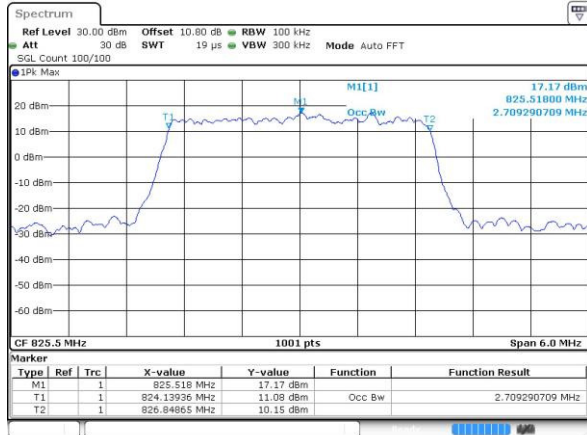
## Highest Channel / 1.4MHz / 16QAM



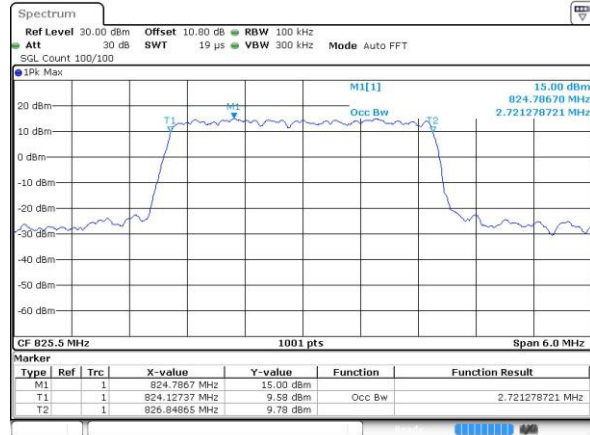


## LTE Band 5

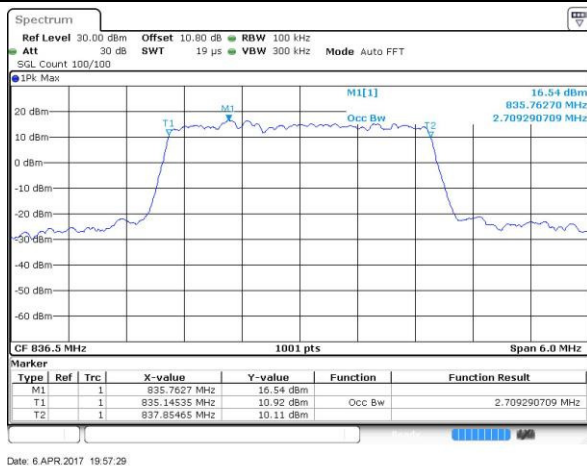
## Lowest Channel / 3MHz / QPSK



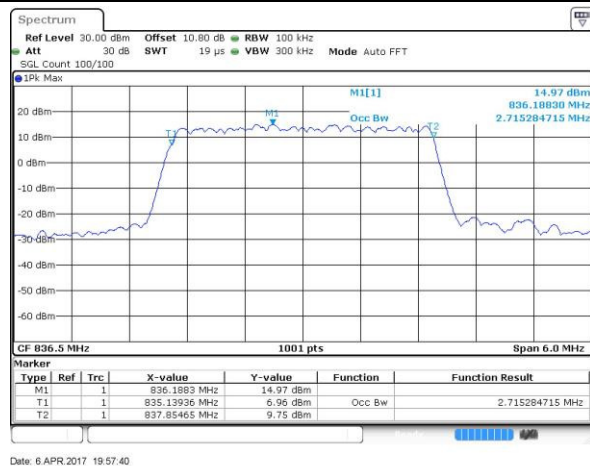
## Lowest Channel / 3MHz / 16QAM



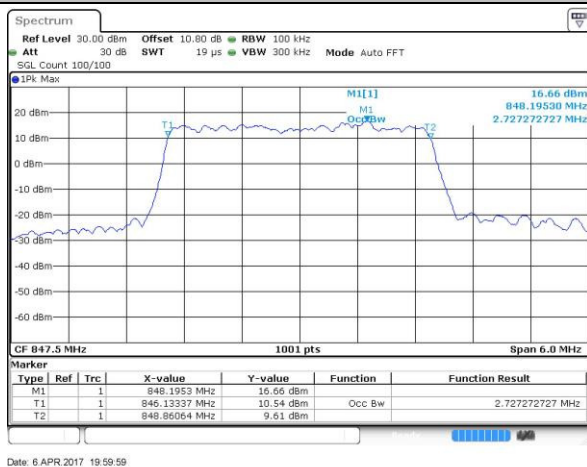
## Middle Channel / 3MHz / QPSK



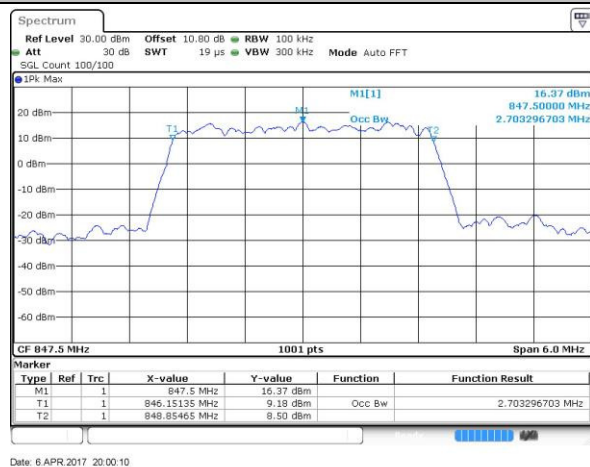
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



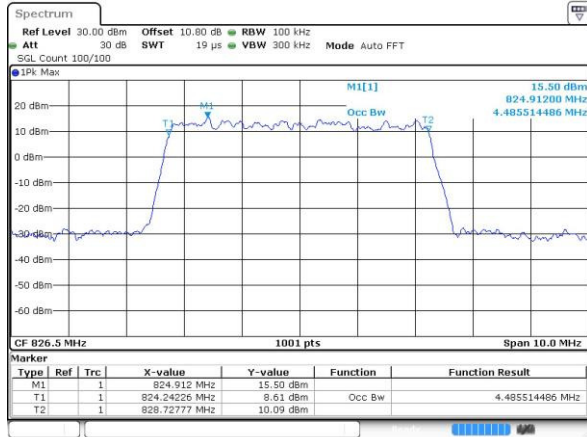
## Highest Channel / 3MHz / 16QAM



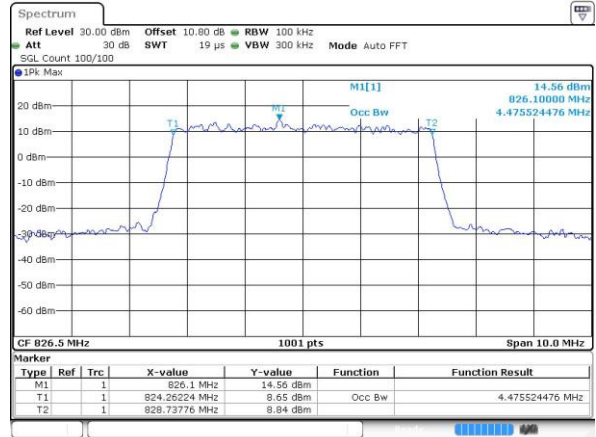


## LTE Band 5

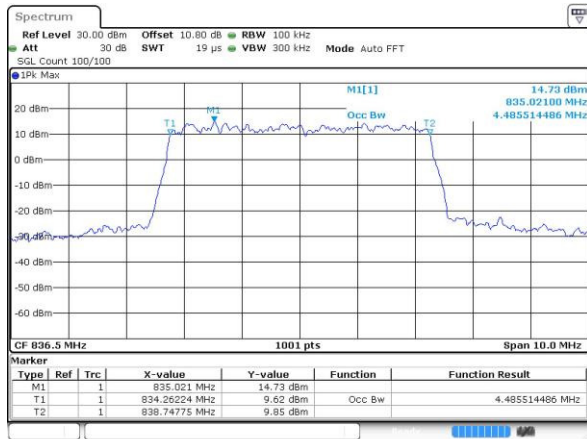
## Lowest Channel / 5MHz / QPSK



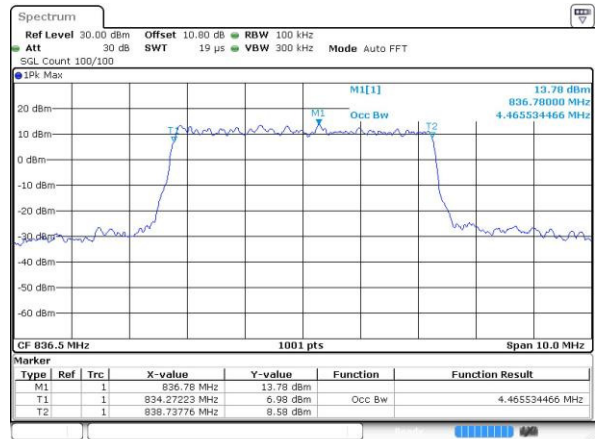
## Lowest Channel / 5MHz / 16QAM



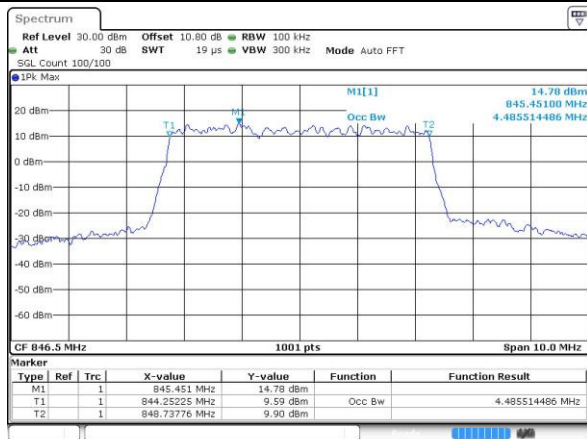
## Middle Channel / 5MHz / QPSK



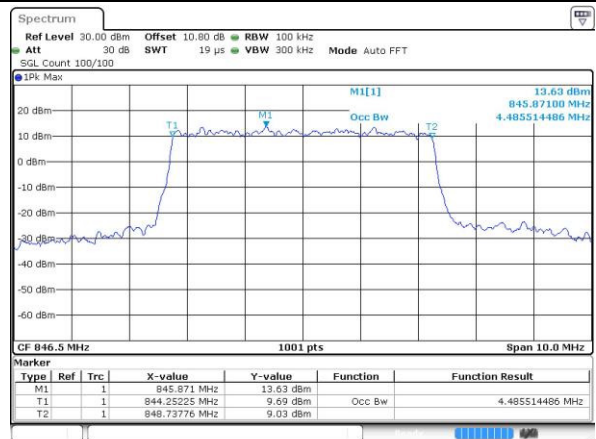
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



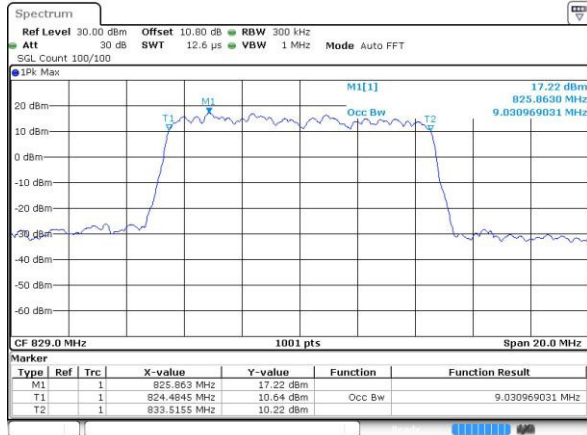
## Highest Channel / 5MHz / 16QAM





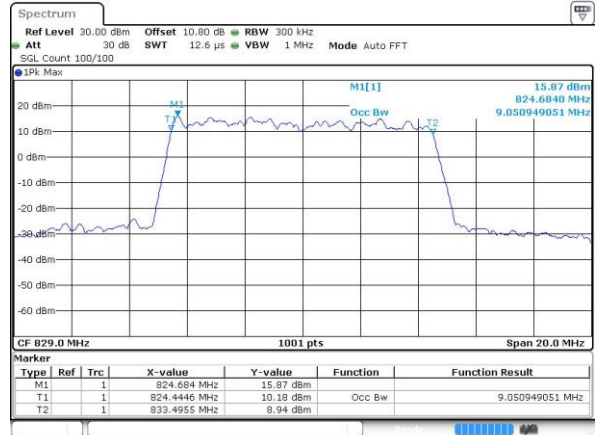
## LTE Band 5

## Lowest Channel / 10MHz / QPSK



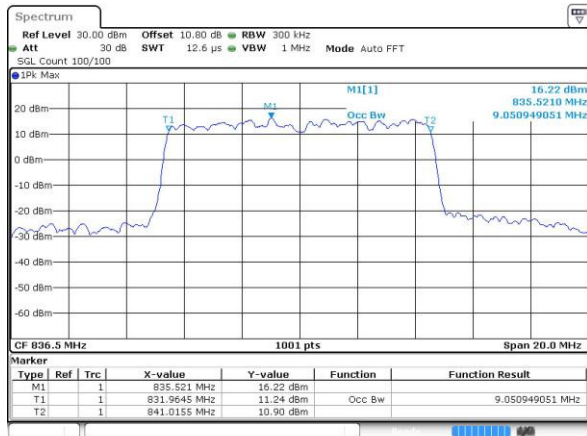
Date: 6 APR 2017 20:29:48

## Lowest Channel / 10MHz / 16QAM



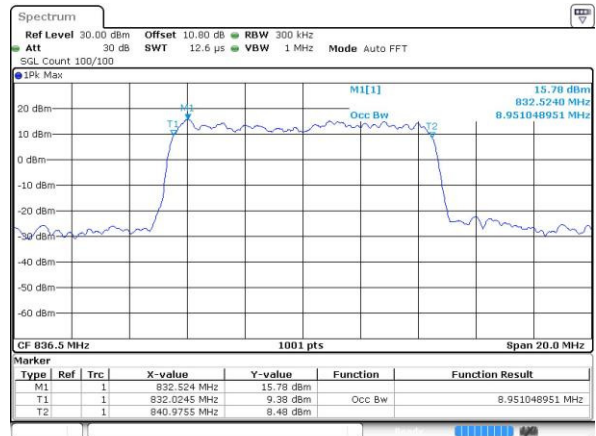
Date: 6 APR 2017 20:29:59

## Middle Channel / 10MHz / QPSK



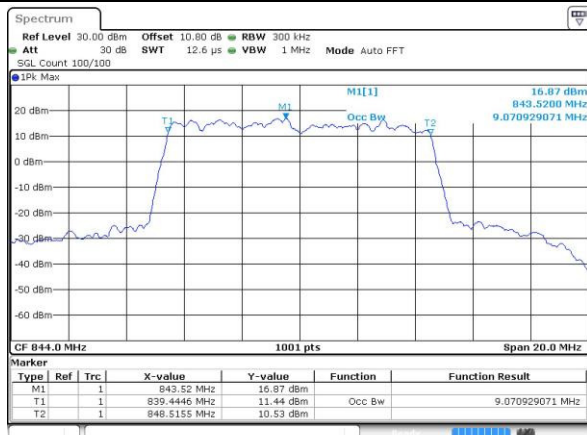
Date: 6 APR 2017 20:38:55

## Middle Channel / 10MHz / 16QAM



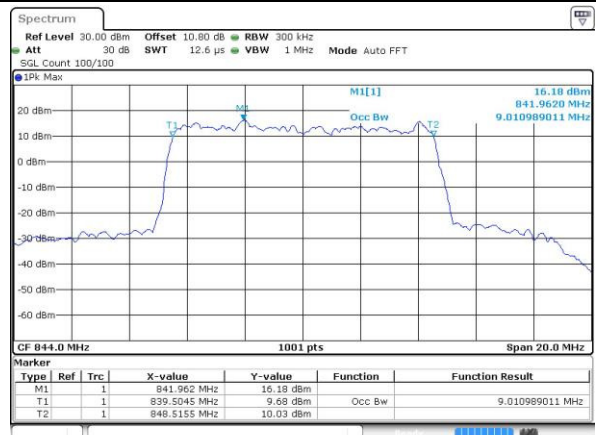
Date: 6 APR 2017 20:39:05

## Highest Channel / 10MHz / QPSK



Date: 6 APR 2017 20:41:24

## Highest Channel / 10MHz / 16QAM

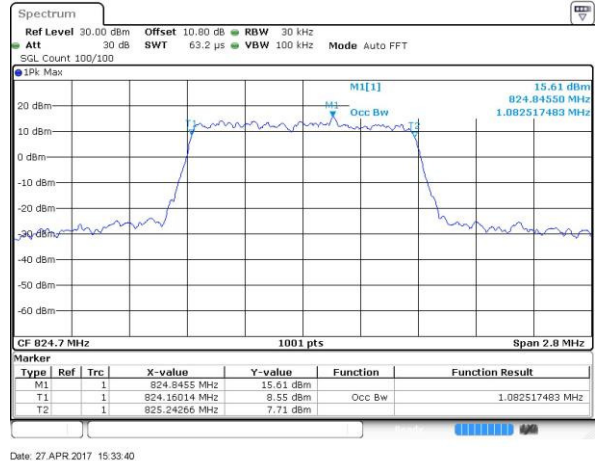


Date: 6 APR 2017 20:41:35

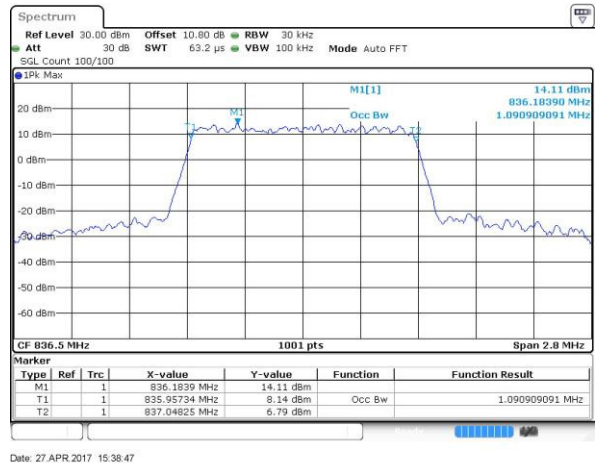


## LTE Band 5

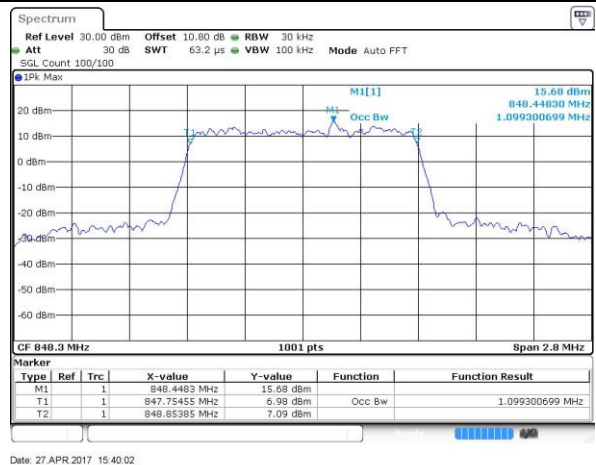
## Lowest Channel / 1.4MHz / 64QAM



## Middle Channel / 1.4MHz / 64QAM



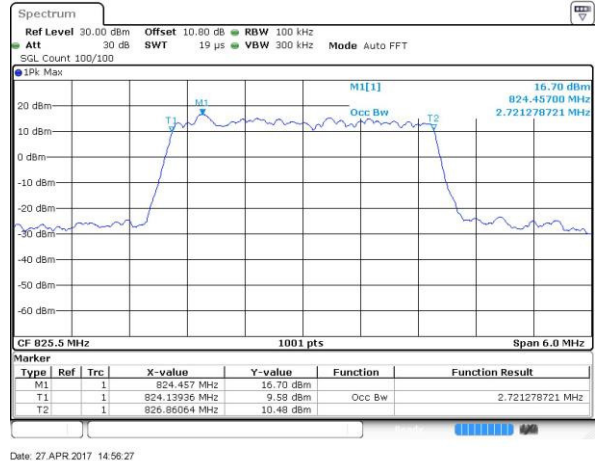
## Highest Channel / 1.4MHz / 64QAM



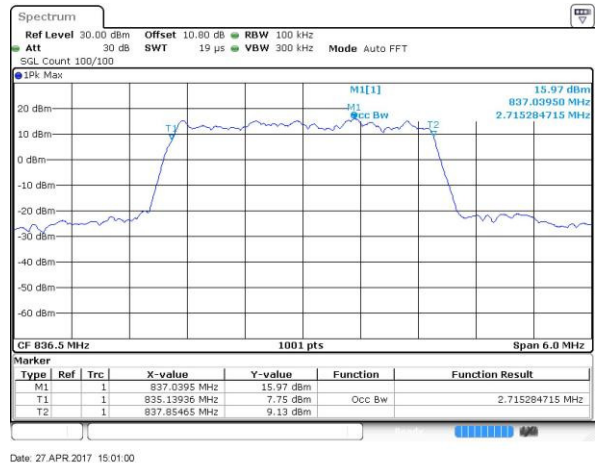


LTE Band 5

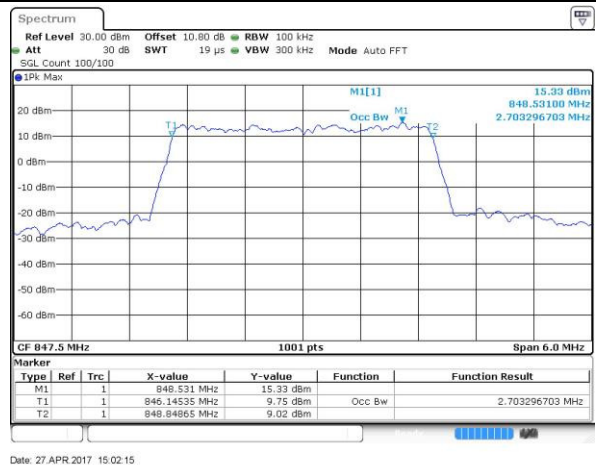
Lowest Channel / 3MHz / 64QAM



Middle Channel / 3MHz / 64QAM



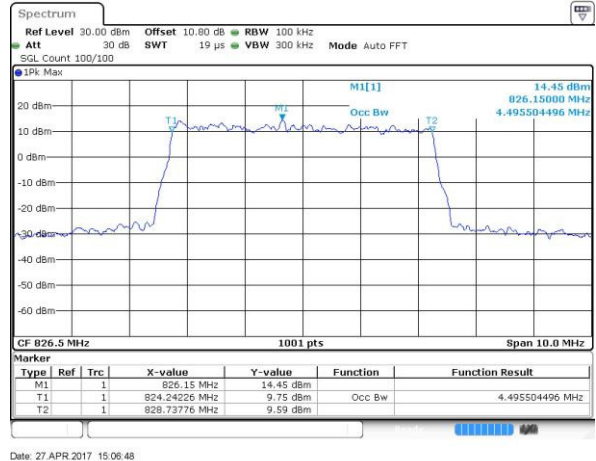
Highest Channel / 3MHz / 64QAM



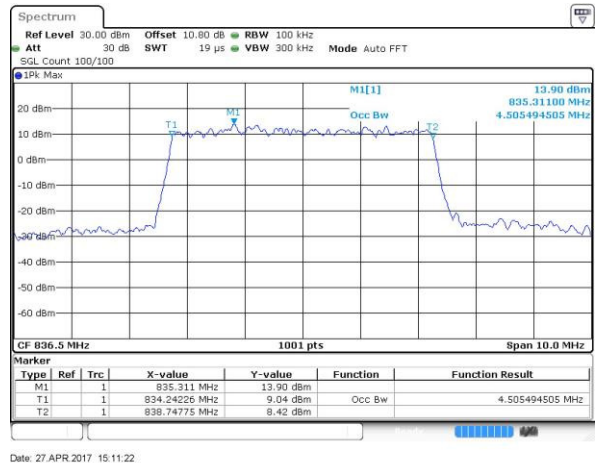


## LTE Band 5

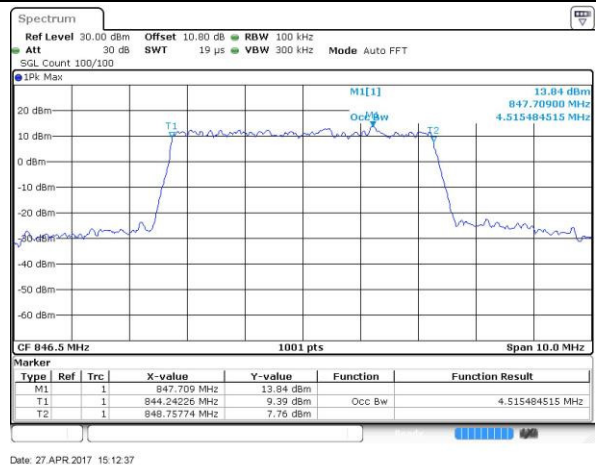
## Lowest Channel / 5MHz / 64QAM



## Middle Channel / 5MHz / 64QAM



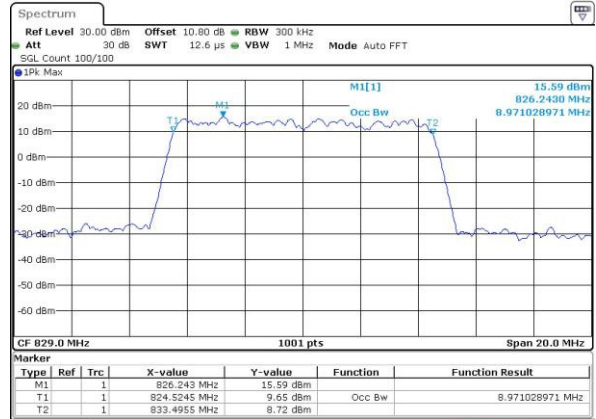
## Highest Channel / 5MHz / 64QAM





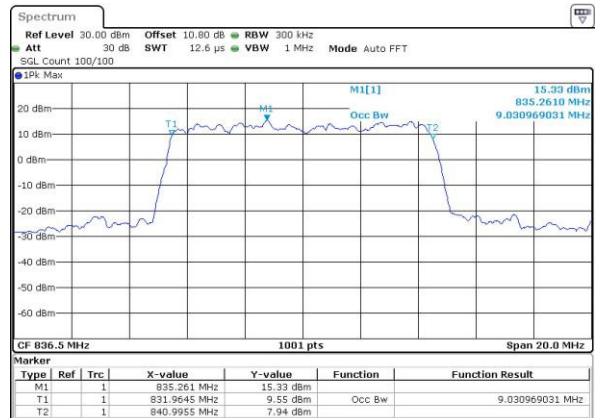
## LTE Band 5

## Lowest Channel / 10MHz / 64QAM



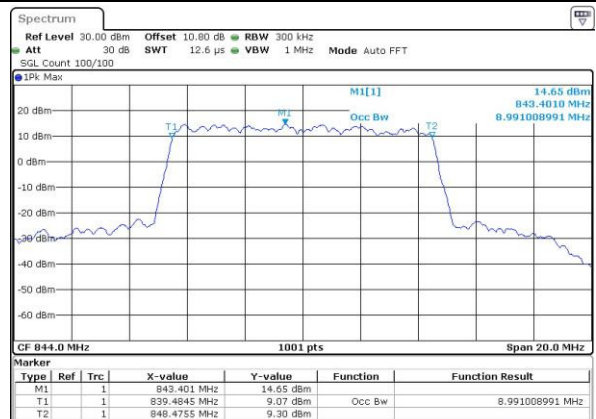
Date: 27 APR 2017 15:17:10

## Middle Channel / 10MHz / 64QAM



Date: 27 APR 2017 15:21:44

## Highest Channel / 10MHz / 64QAM



Date: 27 APR 2017 15:22:59

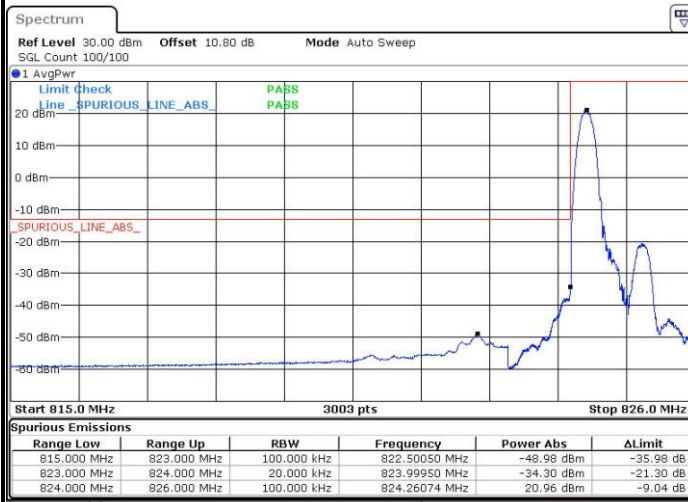


## **Conducted Band Edge**



## LTE Band 5 / 1.4MHz / QPSK

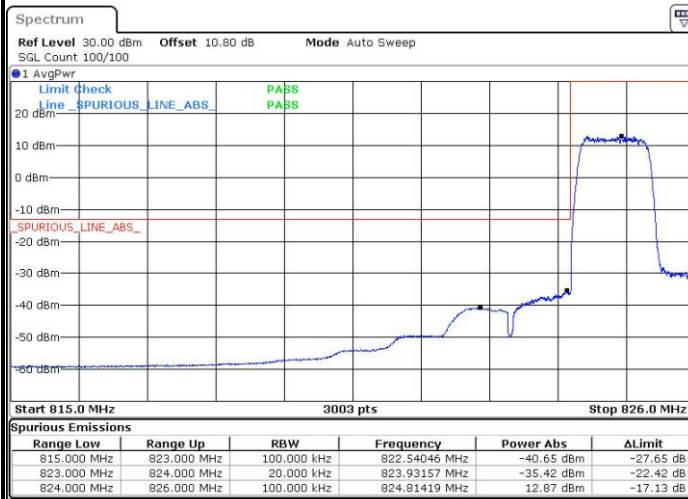
## Lowest Band Edge / 1RB



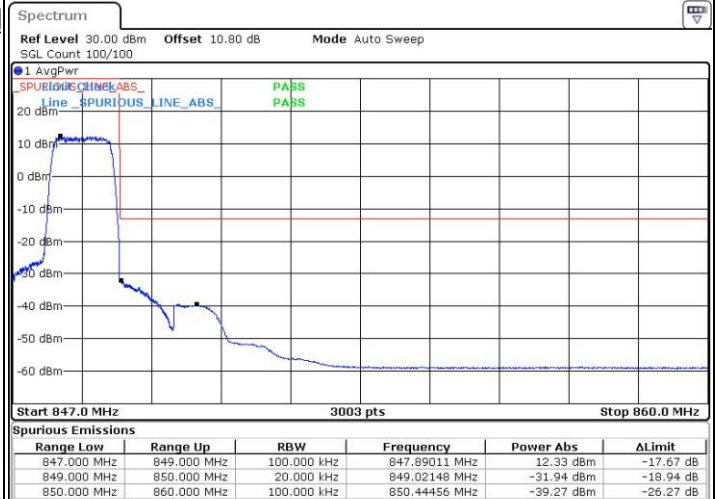
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



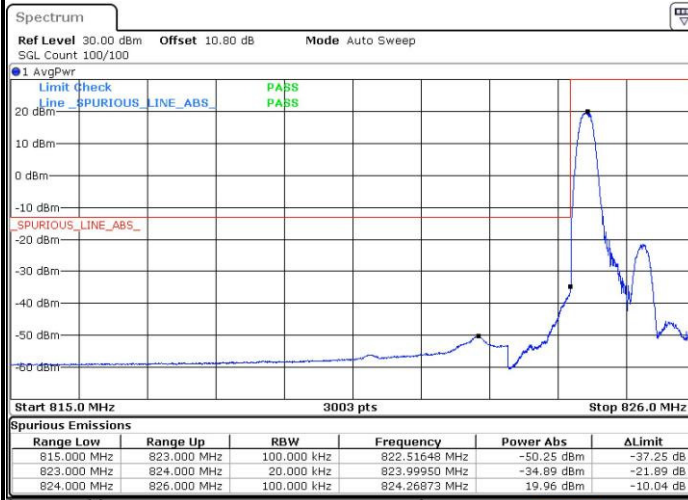
## Highest Band Edge / Full RB





## LTE Band 5 / 1.4MHz / 16QAM

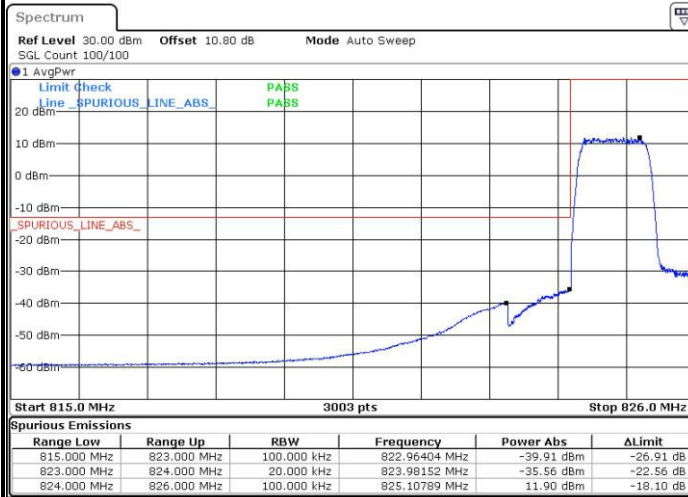
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



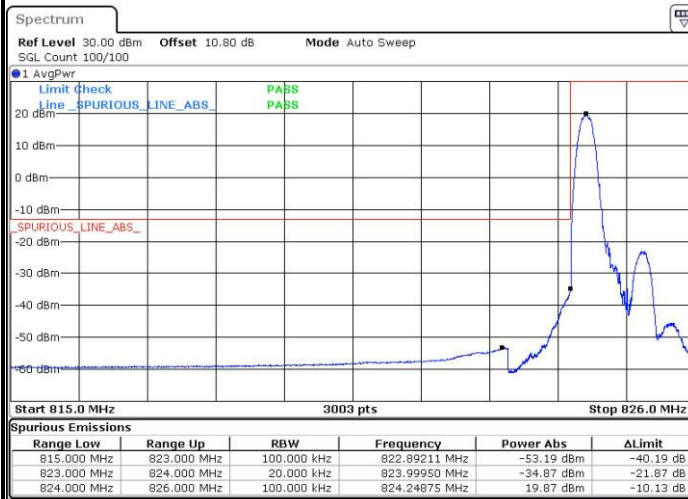
## Highest Band Edge / Full RB





## LTE Band 5 / 1.4MHz / 64QAM

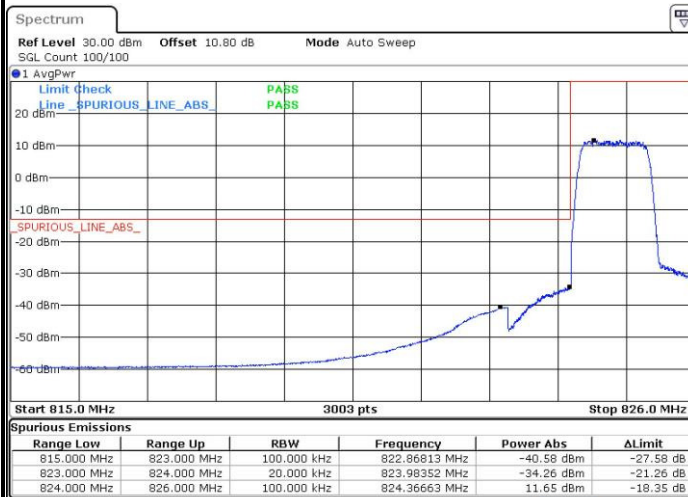
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



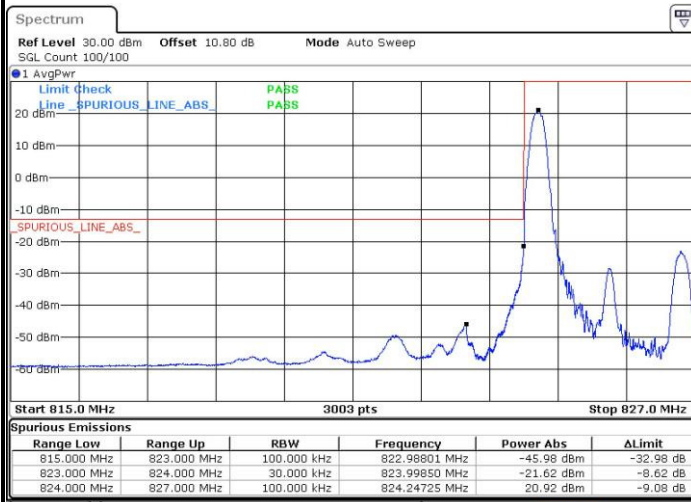
## Highest Band Edge / Full RB





## LTE Band 5 / 3MHz / QPSK

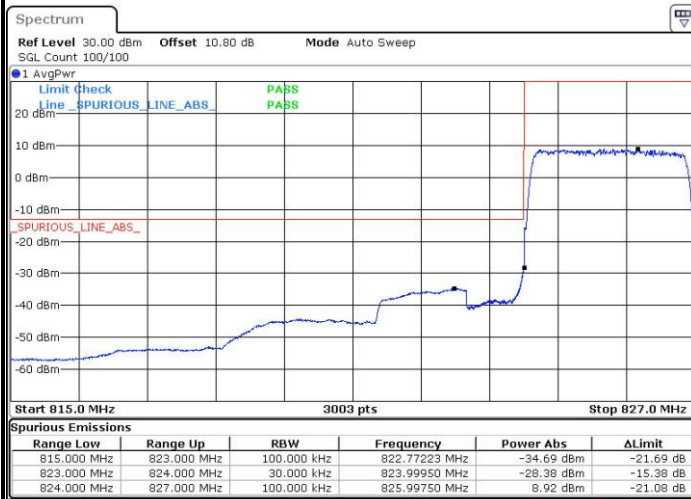
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



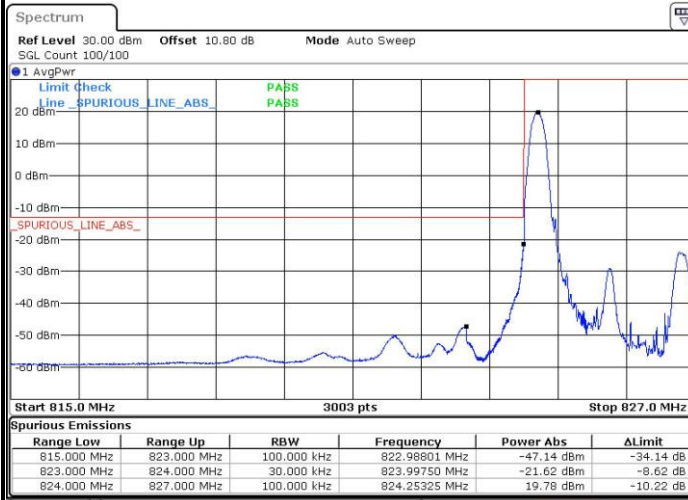
## Highest Band Edge / Full RB





## LTE Band 5 / 3MHz / 16QAM

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

