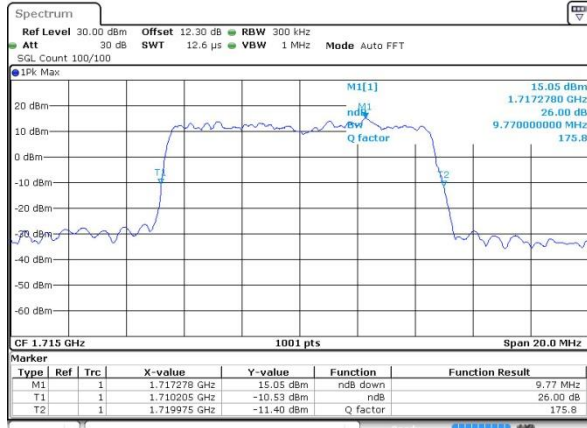




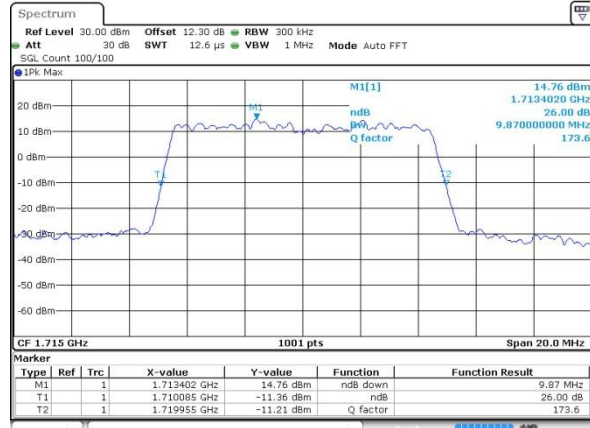
## LTE Band 4

## Lowest Channel / 10MHz / QPSK



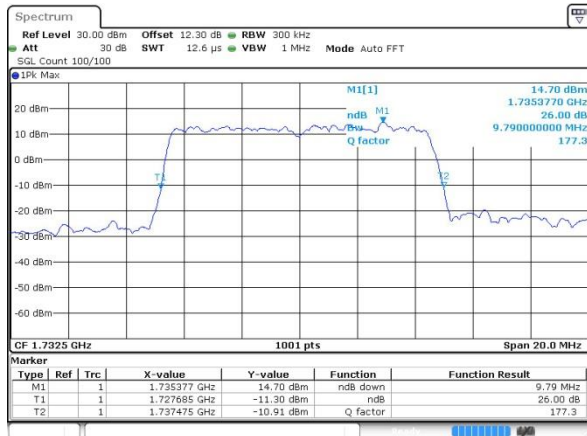
Date: 25 AUG 2015 14:14:56

## Lowest Channel / 10MHz / 16QAM



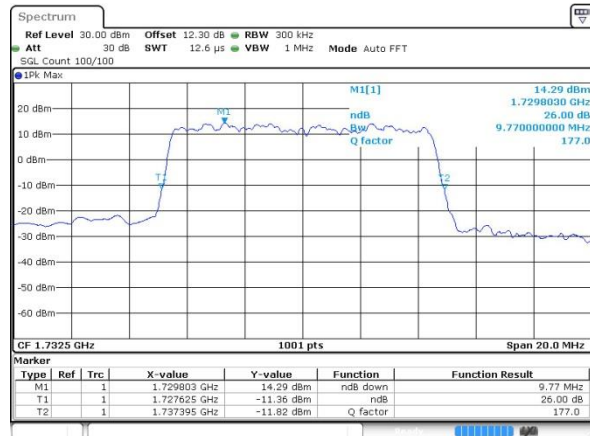
Date: 25 AUG 2015 14:15:07

## Middle Channel / 10MHz / QPSK



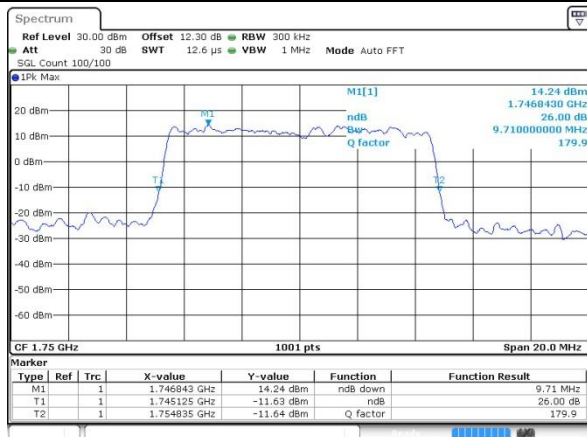
Date: 25 AUG 2015 14:22:05

## Middle Channel / 10MHz / 16QAM



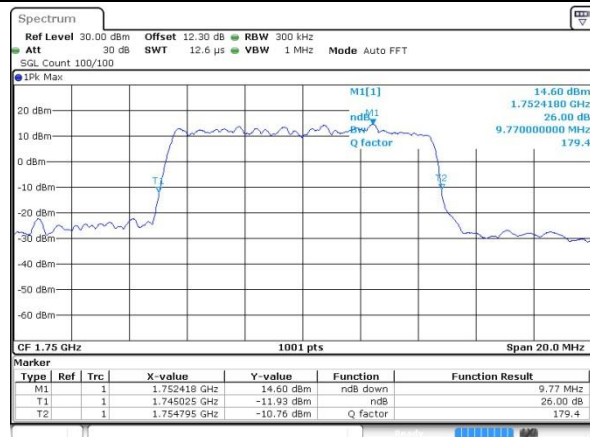
Date: 25 AUG 2015 14:22:16

## Highest Channel / 10MHz / QPSK



Date: 25 AUG 2015 14:24:37

## Highest Channel / 10MHz / 16QAM

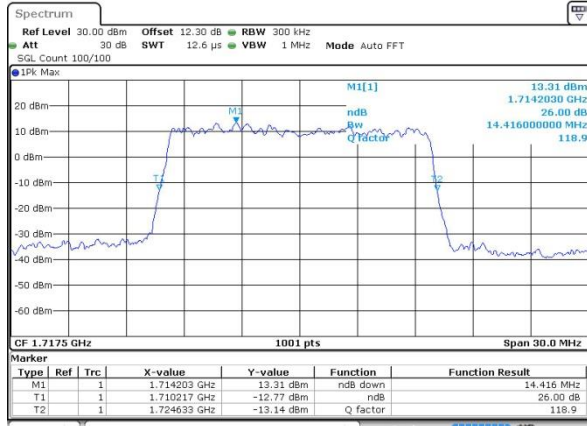


Date: 25 AUG 2015 14:24:47



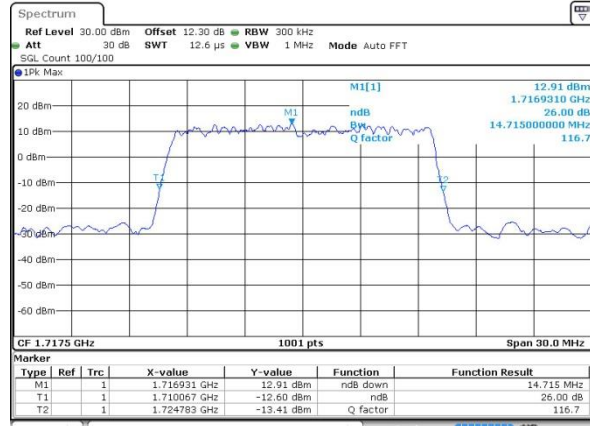
## LTE Band 4

## Lowest Channel / 15MHz / QPSK



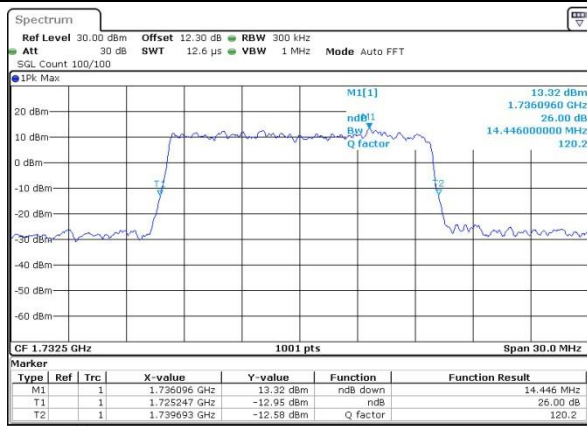
Date: 25 AUG 2015 14:50:22

## Lowest Channel / 15MHz / 16QAM



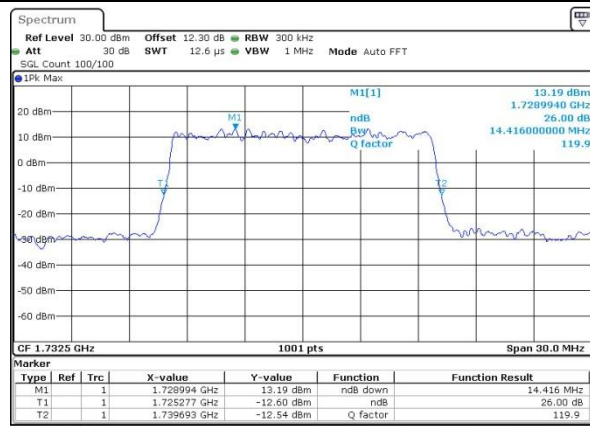
Date: 25 AUG 2015 14:50:33

## Middle Channel / 15MHz / QPSK



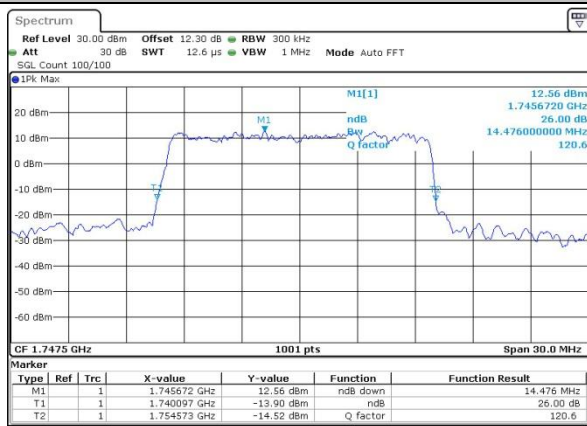
Date: 25 AUG 2015 14:57:32

## Middle Channel / 15MHz / 16QAM



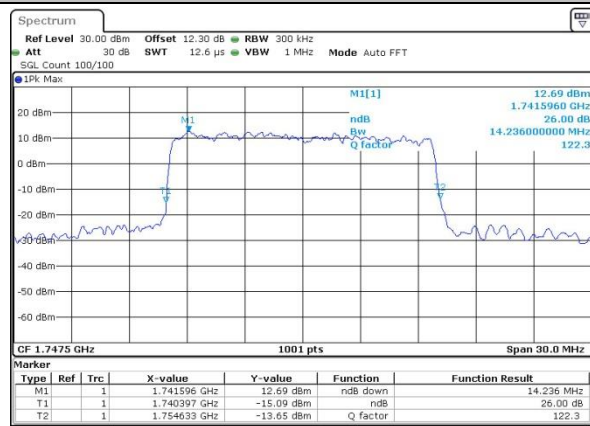
Date: 25 AUG 2015 14:57:42

## Highest Channel / 15MHz / QPSK



Date: 25 AUG 2015 15:00:03

## Highest Channel / 15MHz / 16QAM

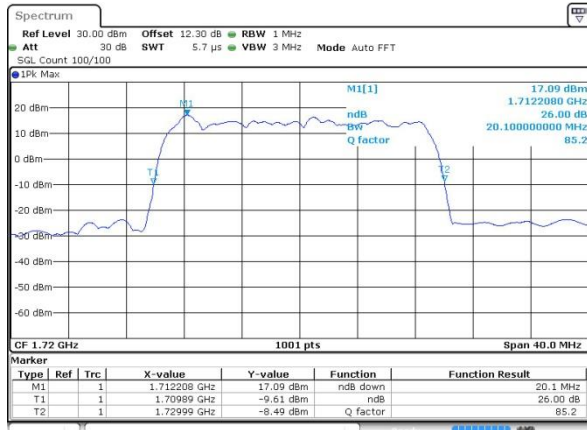


Date: 25 AUG 2015 15:00:14

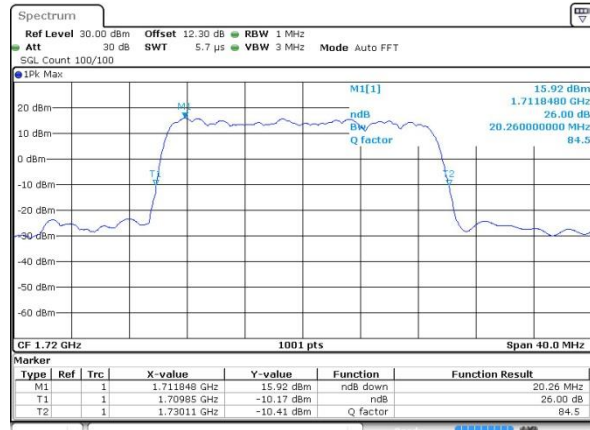


## LTE Band 4

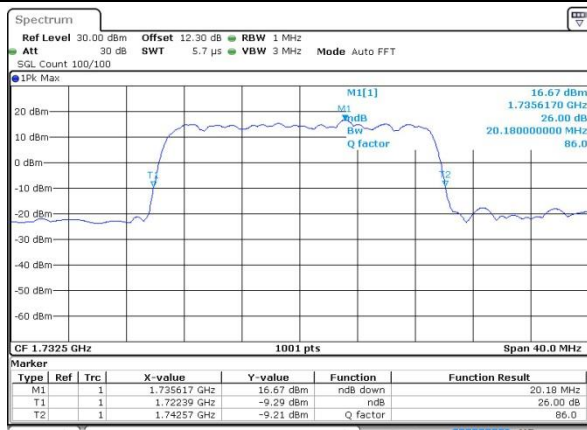
## Lowest Channel / 20MHz / QPSK



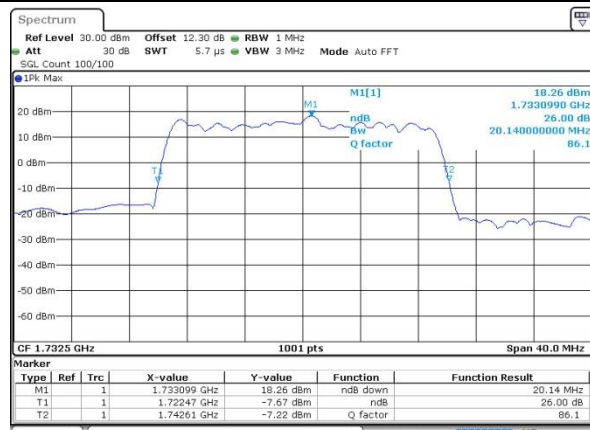
## Lowest Channel / 20MHz / 16QAM



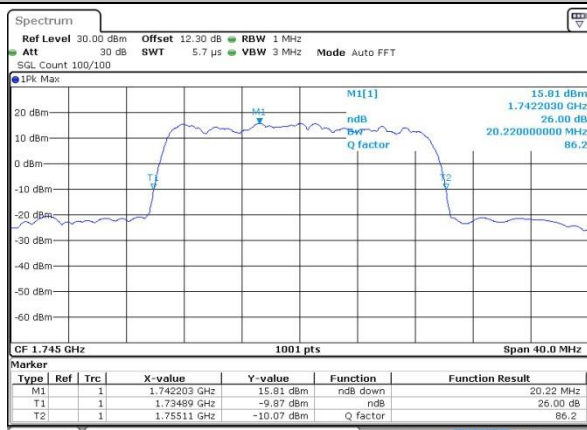
## Middle Channel / 20MHz / QPSK



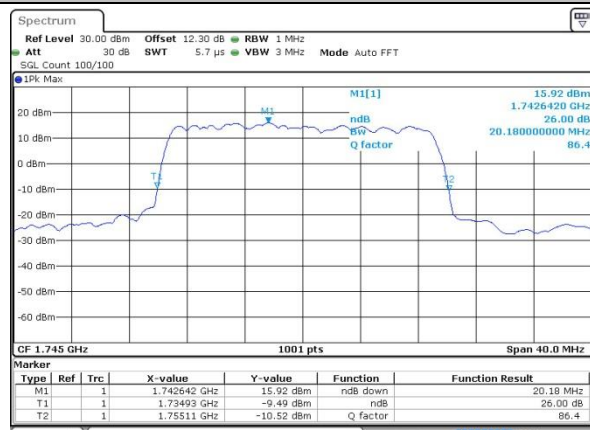
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM





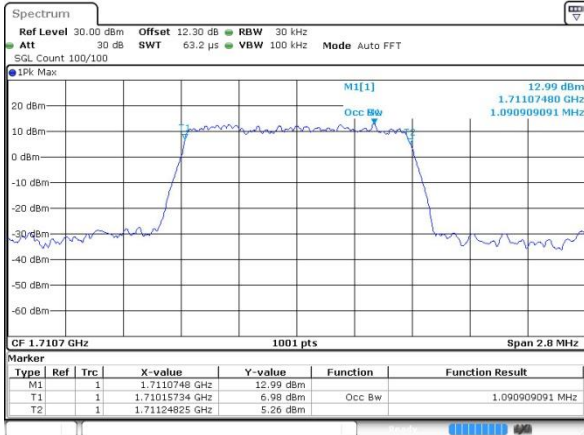
## Occupied Bandwidth

| Mode       | LTE Band 4 : 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  | 2.73 | 2.71  | 4.49 | 4.50  | 9.05  | 9.03  | 13.46 | 13.40 | 18.26 | 18.34 |
| Middle CH  | 1.09                     | 1.10  | 2.73 | 2.70  | 4.50 | 4.49  | 9.03  | 8.99  | 13.40 | 13.43 | 18.26 | 18.46 |
| Highest CH | 1.10                     | 1.09  | 2.72 | 2.72  | 4.48 | 4.50  | 9.09  | 9.01  | 13.49 | 13.40 | 18.30 | 18.30 |

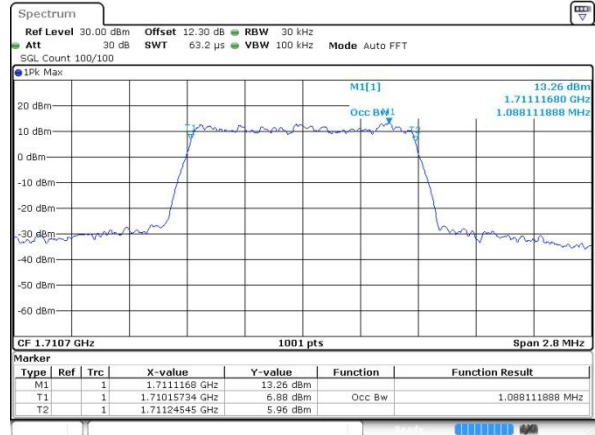


## LTE Band 4

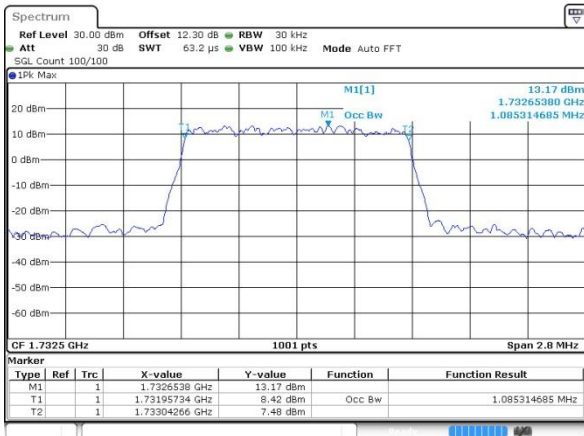
## Lowest Channel / 1.4MHz / QPSK



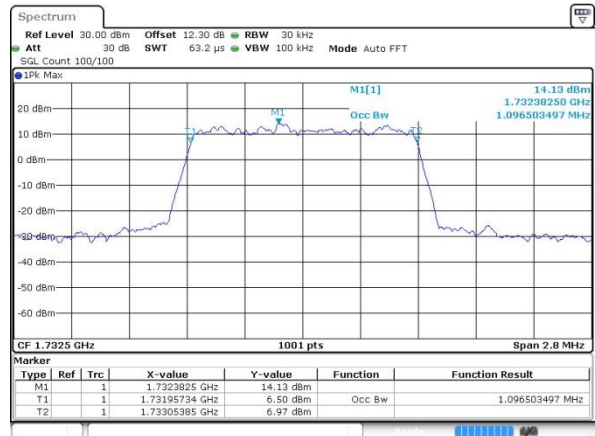
## Lowest Channel / 1.4MHz / 16QAM



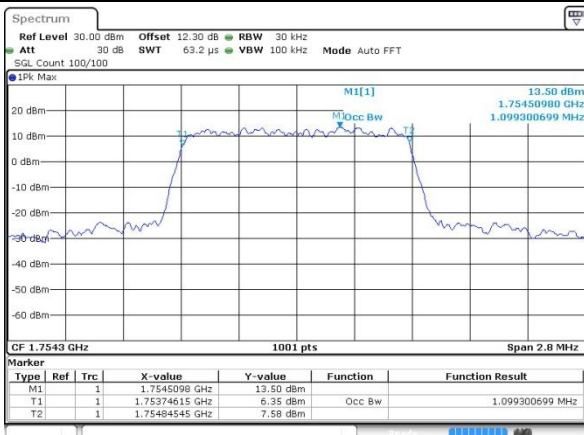
## Middle Channel / 1.4MHz / QPSK



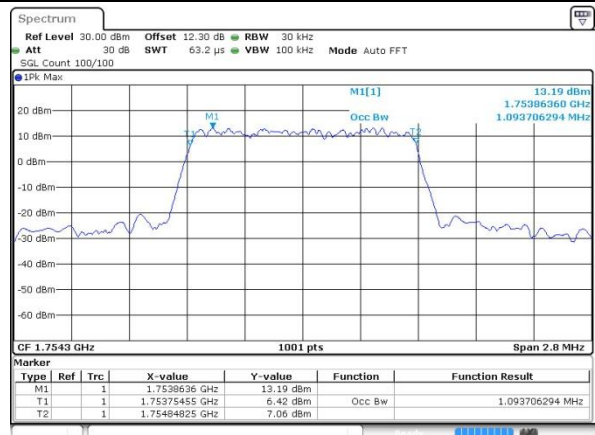
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



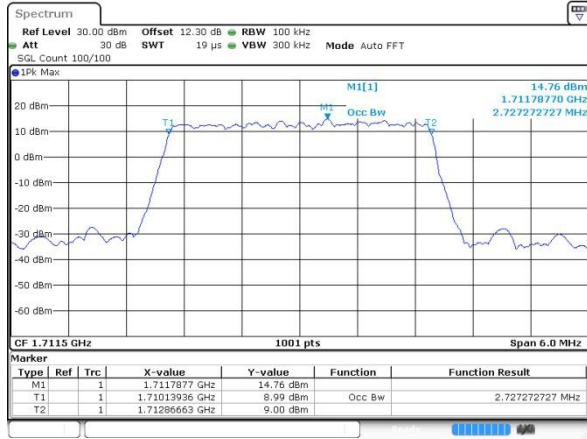
## Highest Channel / 1.4MHz / 16QAM



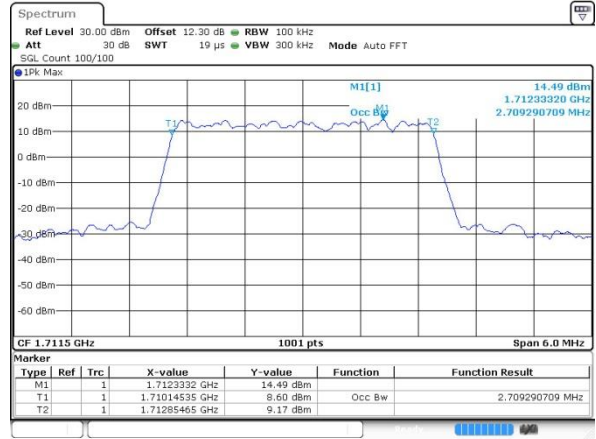


## LTE Band 4

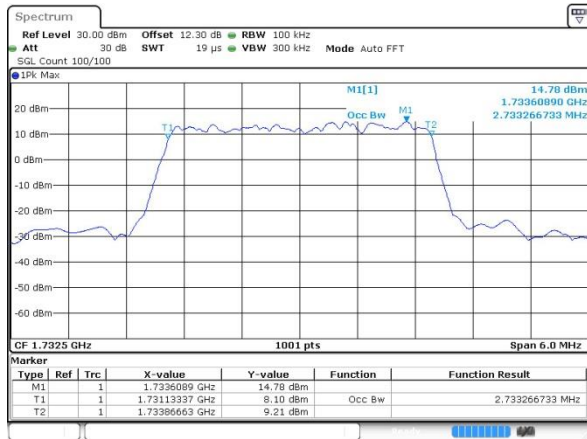
## Lowest Channel / 3MHz / QPSK



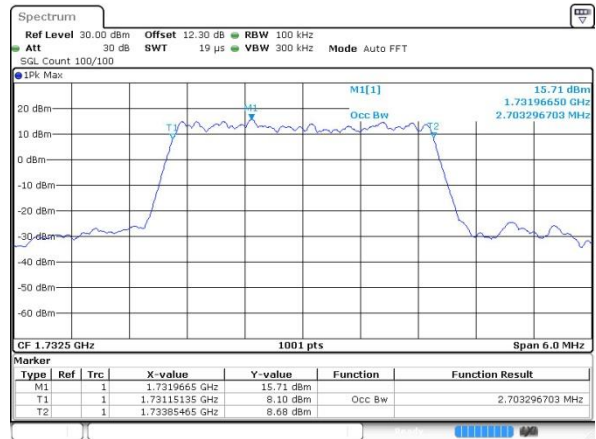
## Lowest Channel / 3MHz / 16QAM



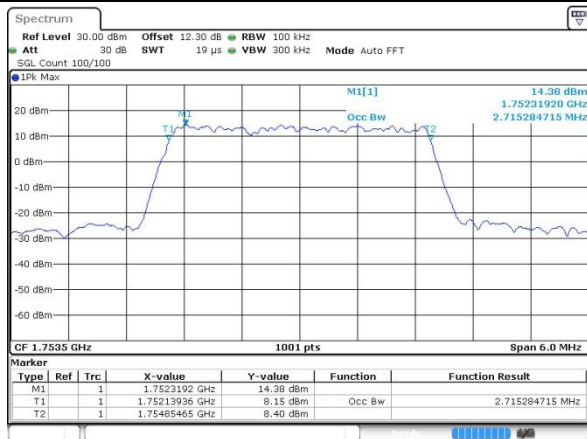
## Middle Channel / 3MHz / QPSK



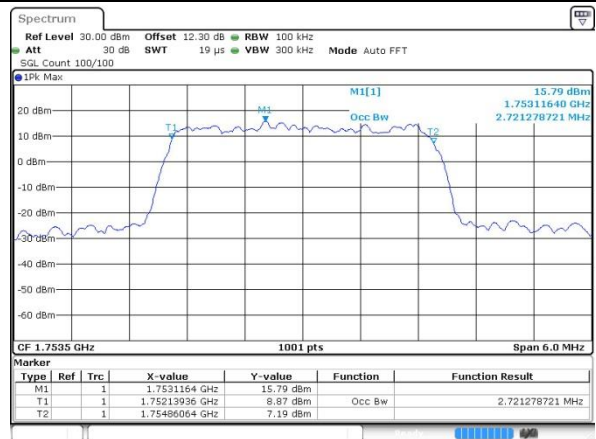
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



## Highest Channel / 3MHz / 16QAM

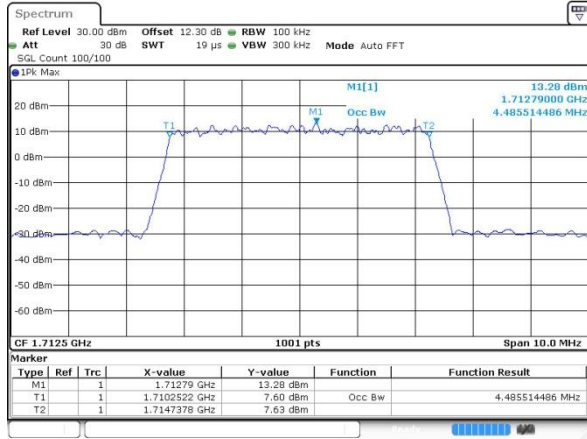




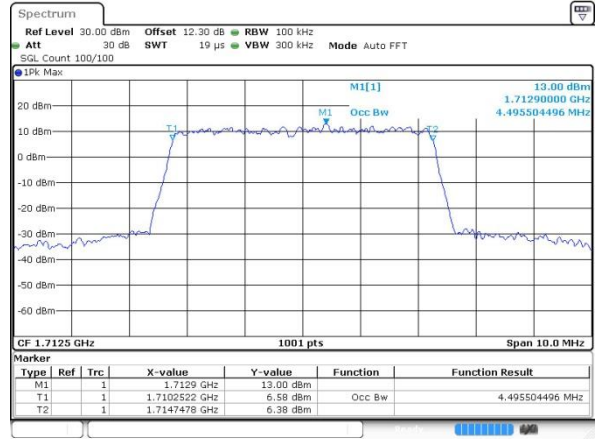


## LTE Band 4

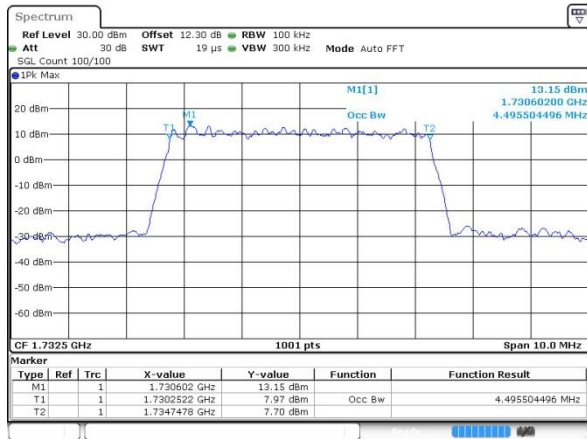
## Lowest Channel / 5MHz / QPSK



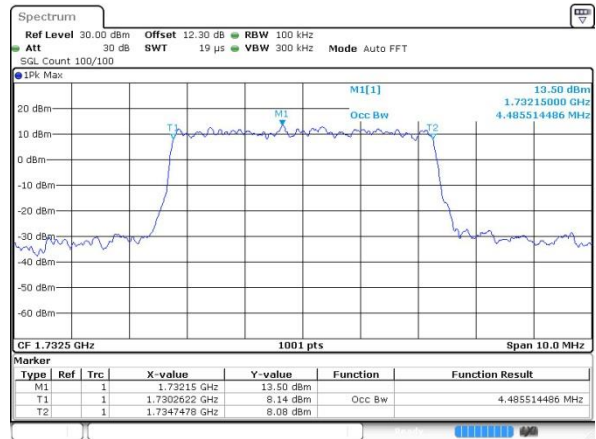
## Lowest Channel / 5MHz / 16QAM



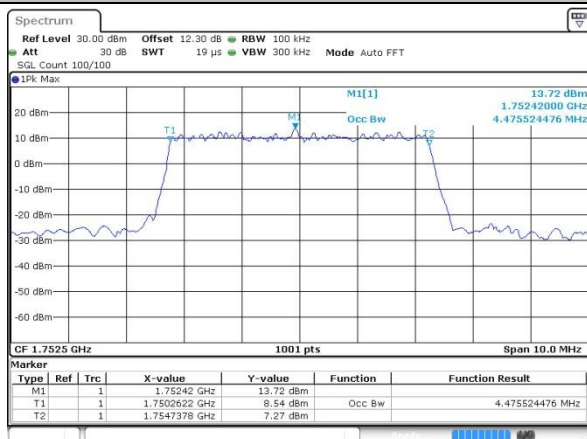
## Middle Channel / 5MHz / QPSK



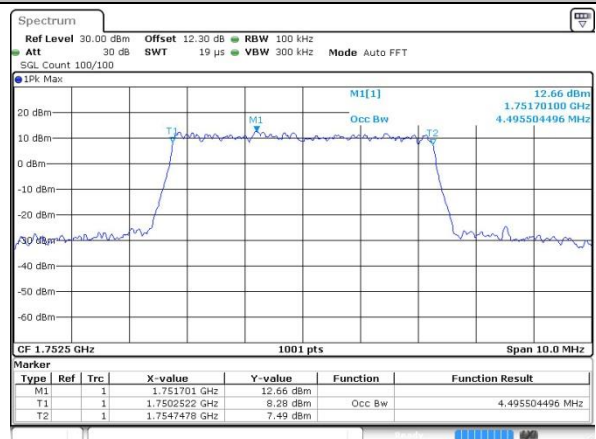
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



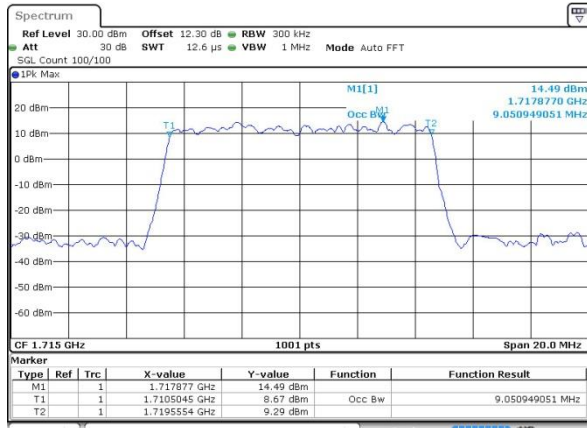
## Highest Channel / 5MHz / 16QAM





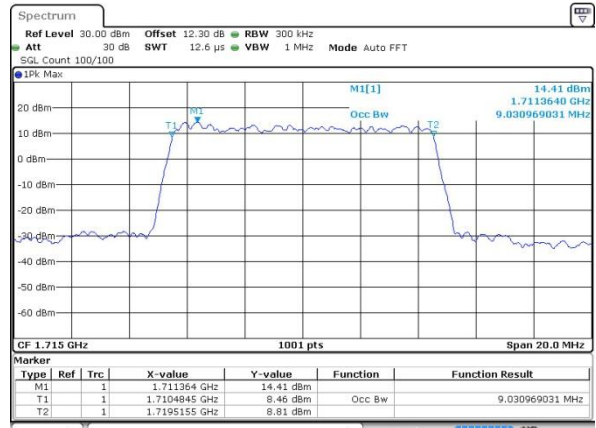
## LTE Band 4

## Lowest Channel / 10MHz / QPSK



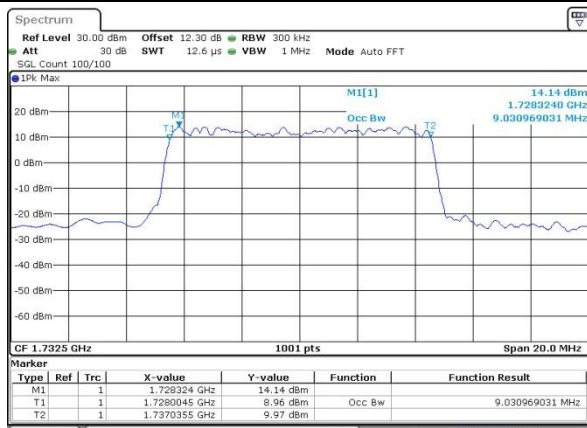
Date: 25 AUG 2015 14:14:35

## Lowest Channel / 10MHz / 16QAM



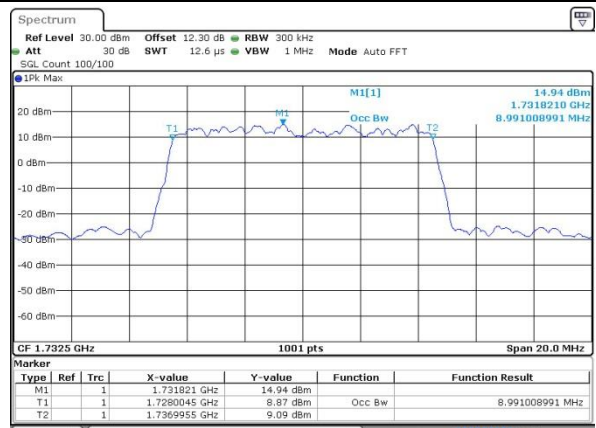
Date: 25 AUG 2015 14:14:46

## Middle Channel / 10MHz / QPSK



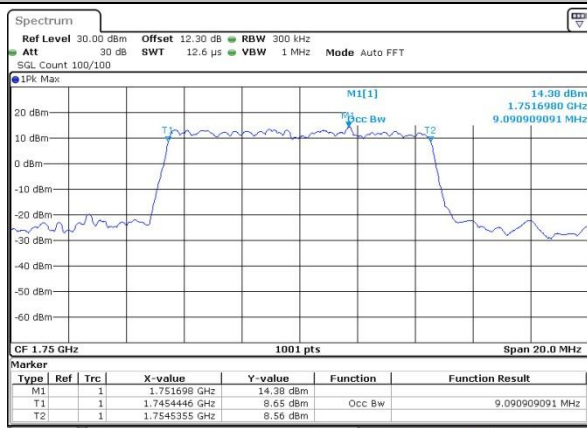
Date: 25 AUG 2015 14:21:44

## Middle Channel / 10MHz / 16QAM



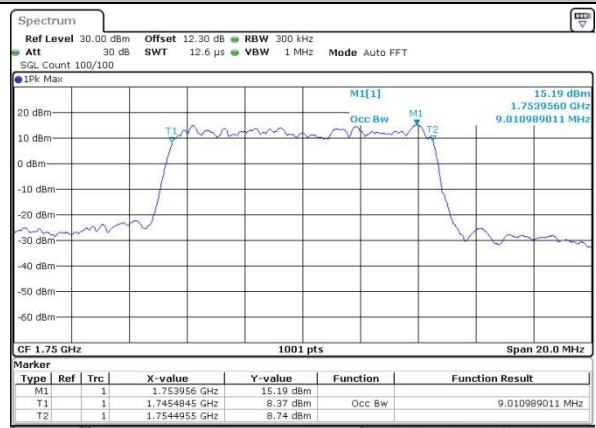
Date: 25 AUG 2015 14:21:55

## Highest Channel / 10MHz / QPSK



Date: 25 AUG 2015 14:24:16

## Highest Channel / 10MHz / 16QAM



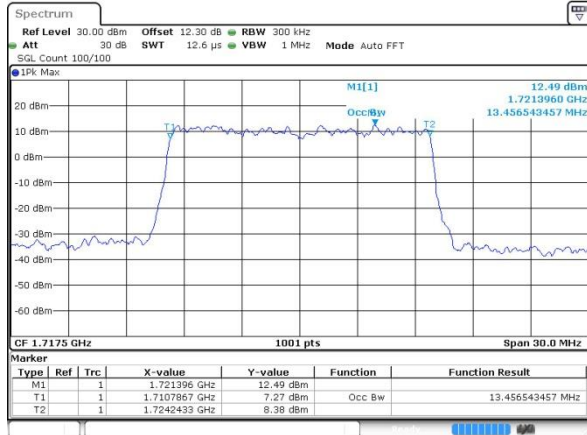
Date: 25 AUG 2015 14:24:26



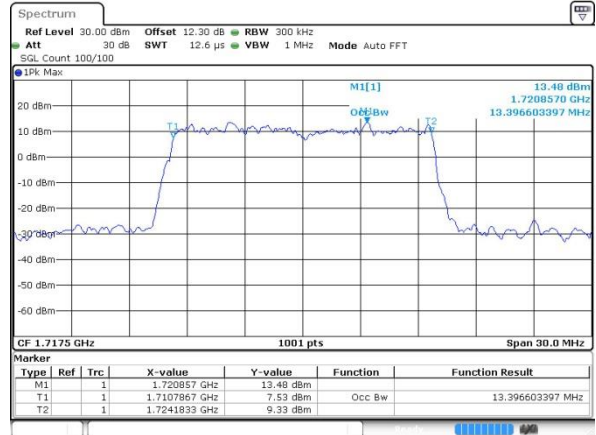


## LTE Band 4

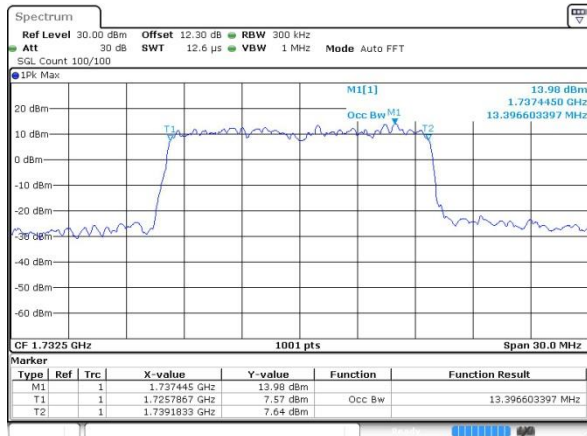
## Lowest Channel / 15MHz / QPSK



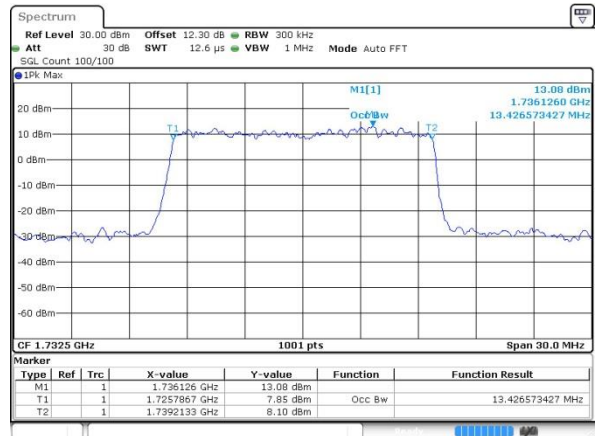
## Lowest Channel / 15MHz / 16QAM



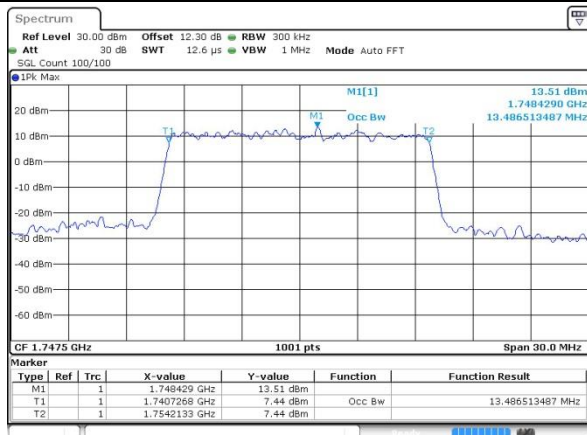
## Middle Channel / 15MHz / QPSK



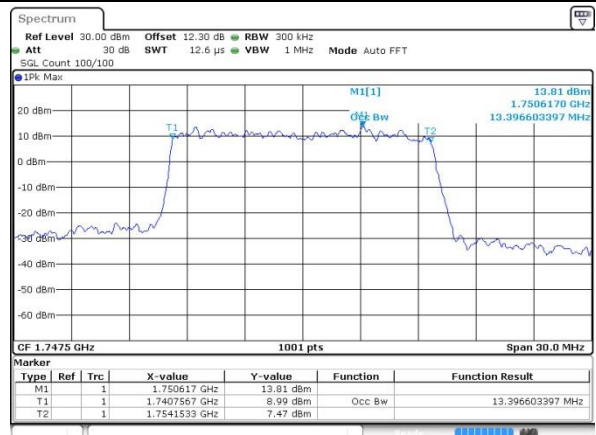
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



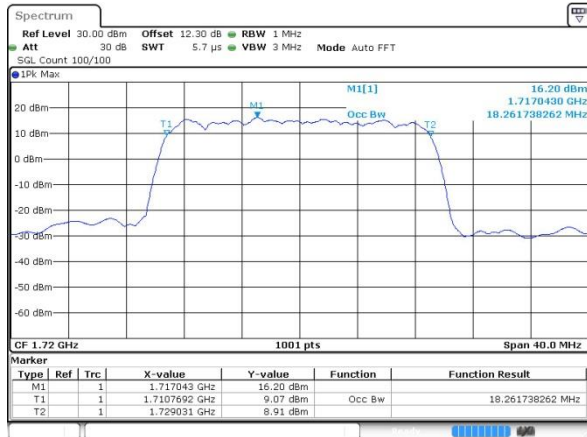
## Highest Channel / 15MHz / 16QAM



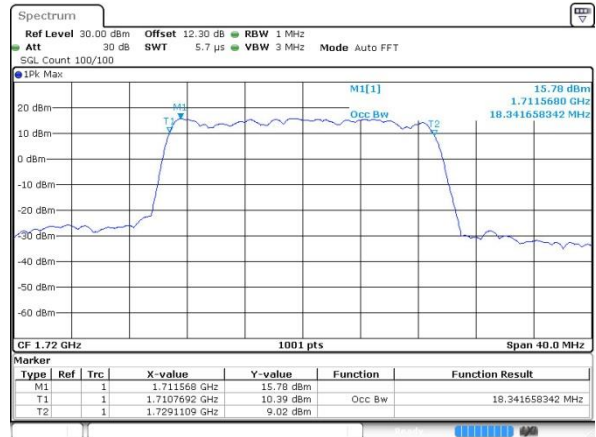


## LTE Band 4

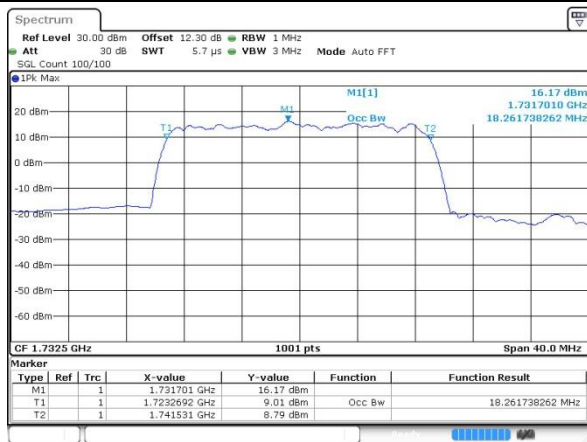
## Lowest Channel / 20MHz / QPSK



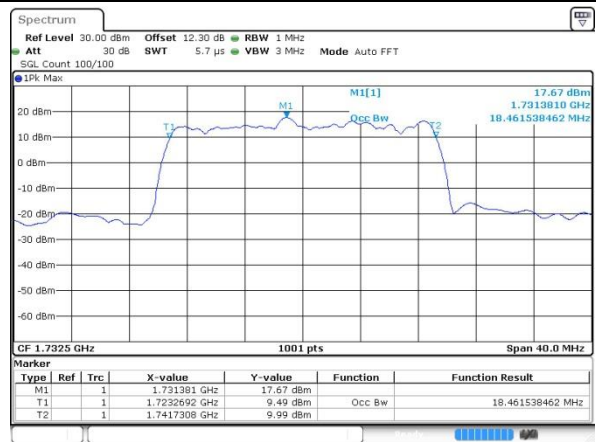
## Lowest Channel / 20MHz / 16QAM



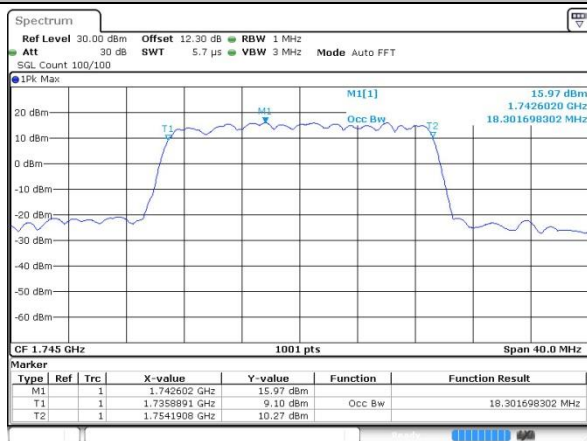
## Middle Channel / 20MHz / QPSK



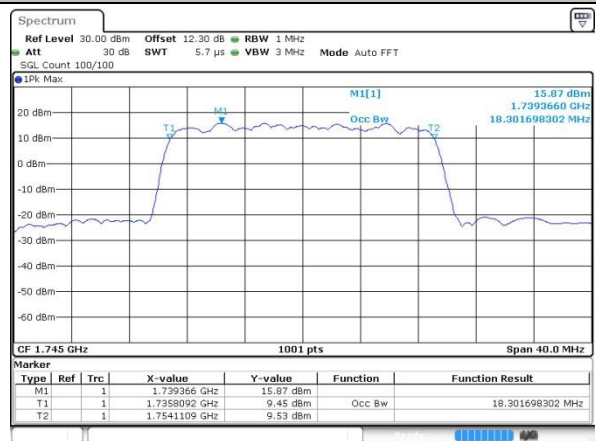
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM





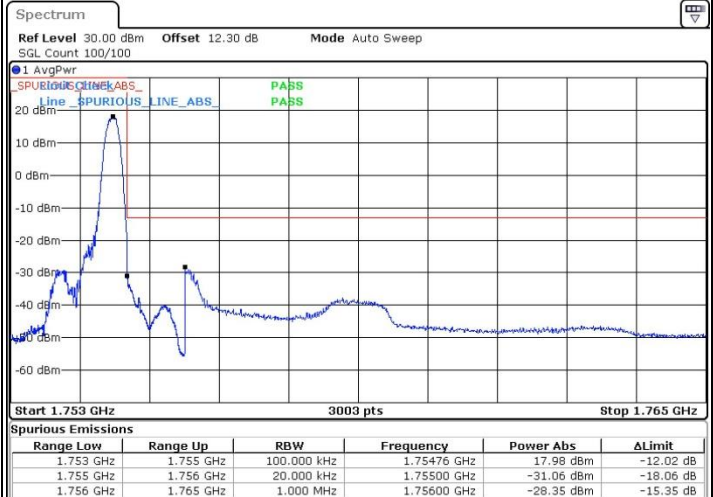
# Conducted Band Edge

## LTE Band 4 / 1.4MHz / QPSK

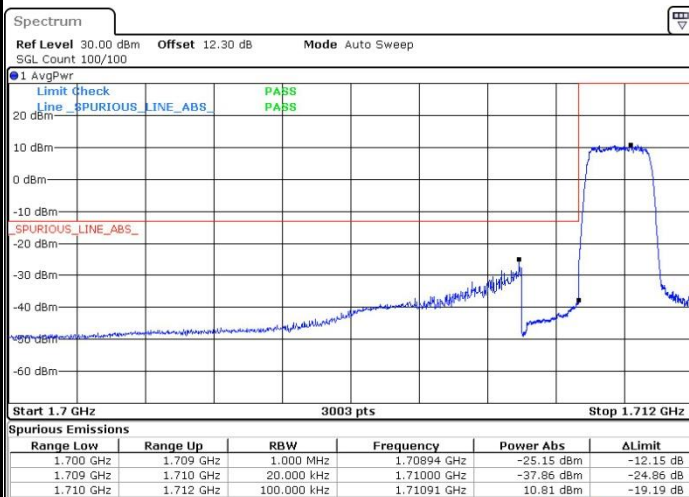
### Lowest Band Edge / 1RB



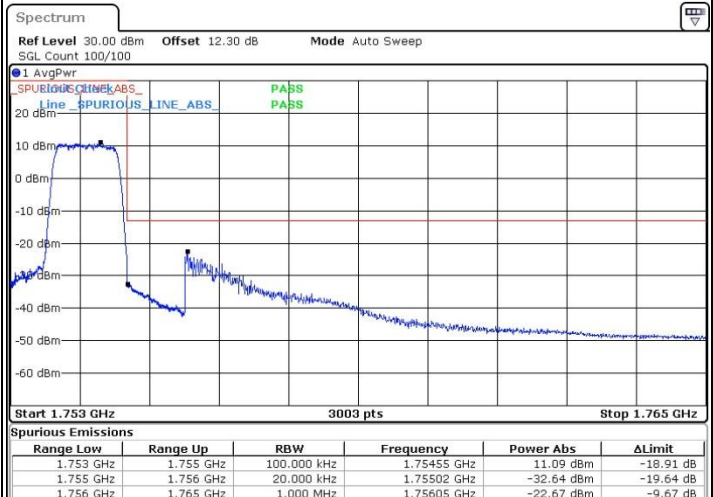
### Highest Band Edge / 1RB



### Lowest Band Edge / Full RB



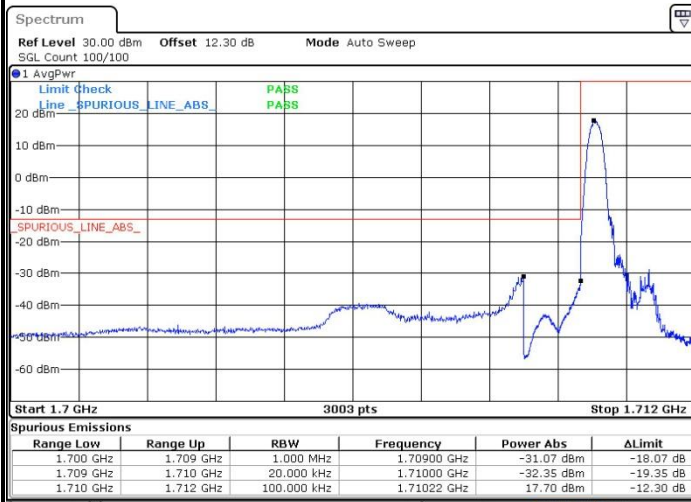
### Highest Band Edge / Full RB



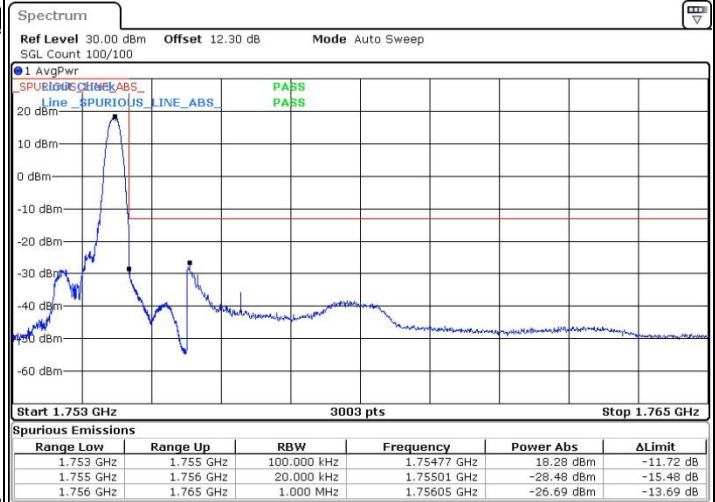


## LTE Band 4 / 1.4MHz / 16QAM

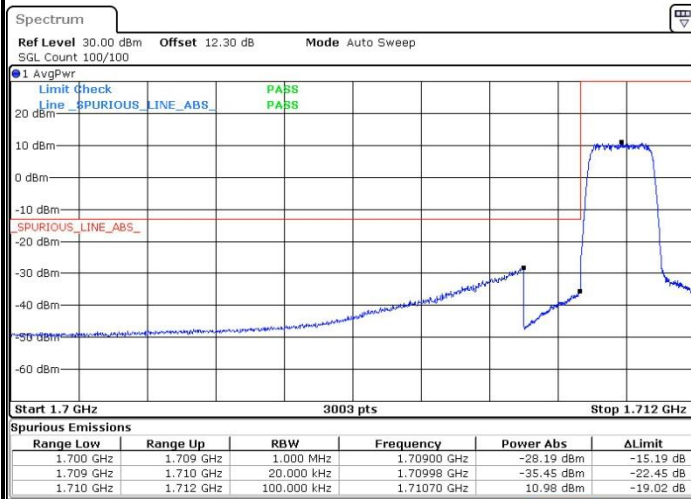
## Lowest Band Edge / 1 RB



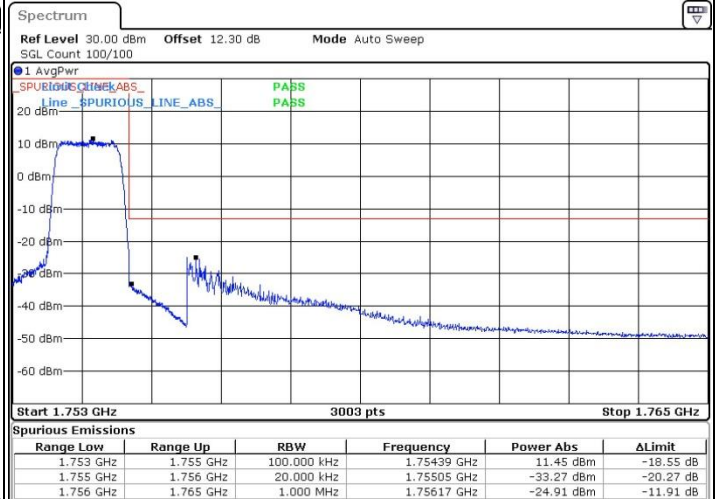
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



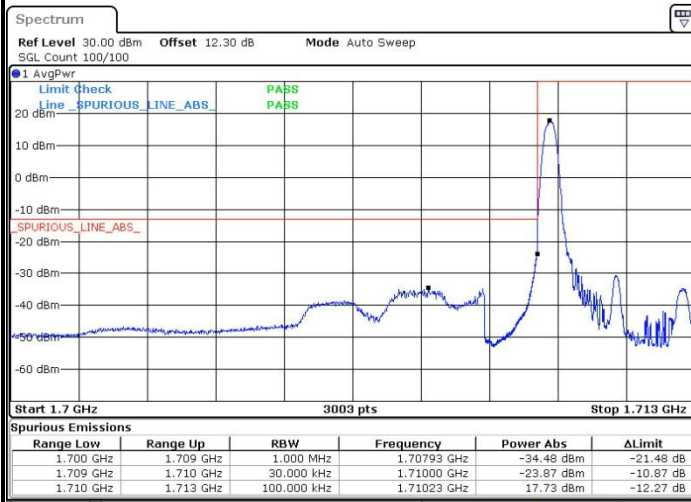
## Highest Band Edge / Full RB



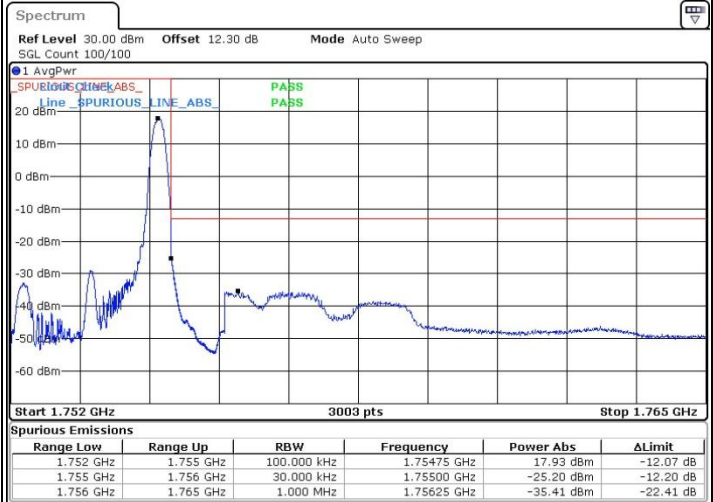


## LTE Band 4 / 3MHz / QPSK

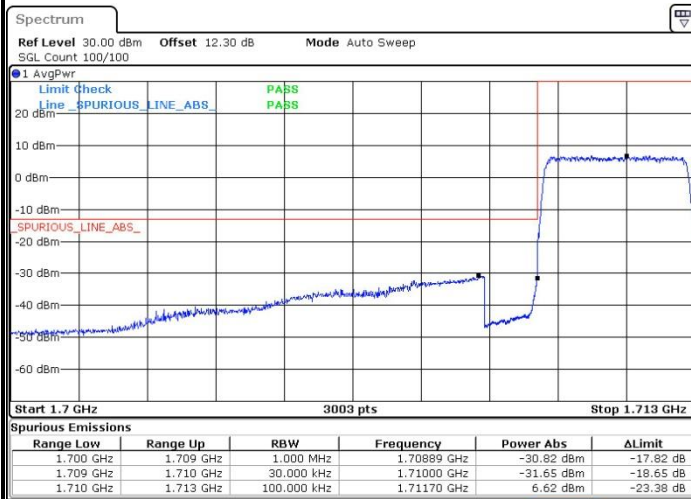
## Lowest Band Edge / 1RB



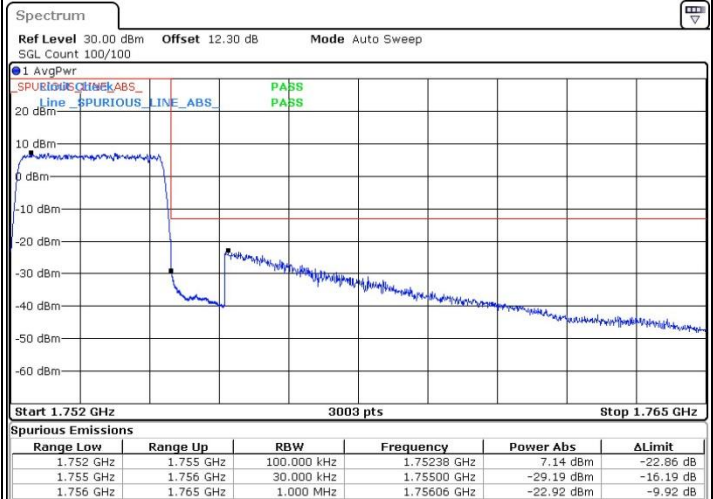
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

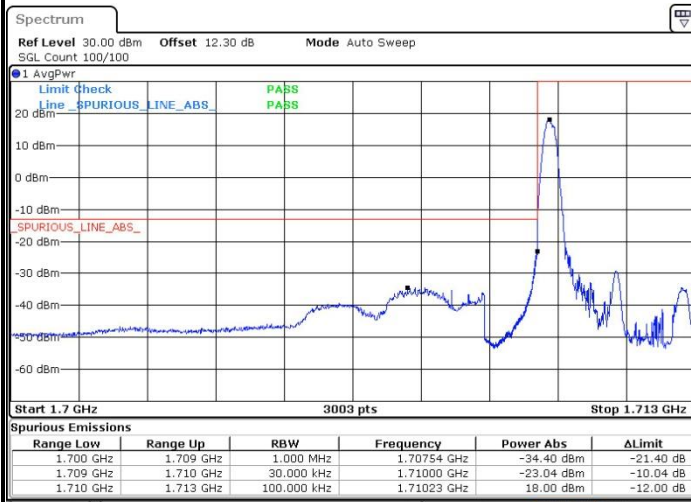




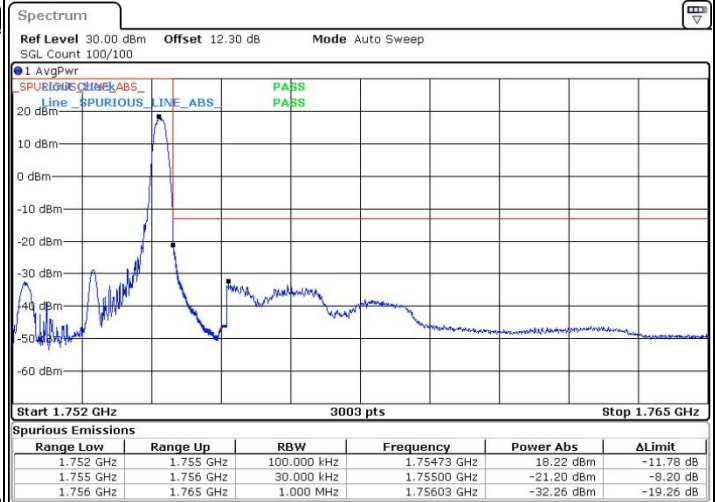


## LTE Band 4 / 3MHz / 16QAM

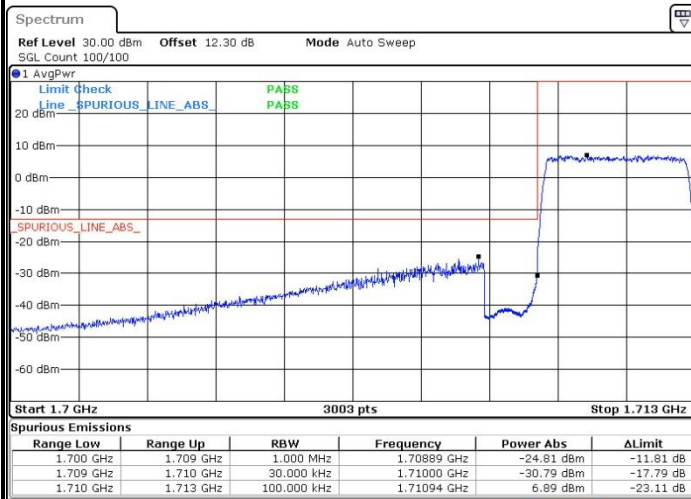
## Lowest Band Edge / 1 RB



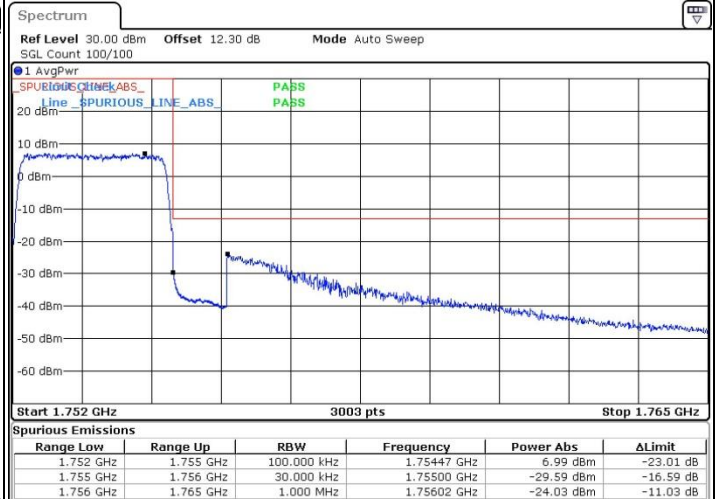
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

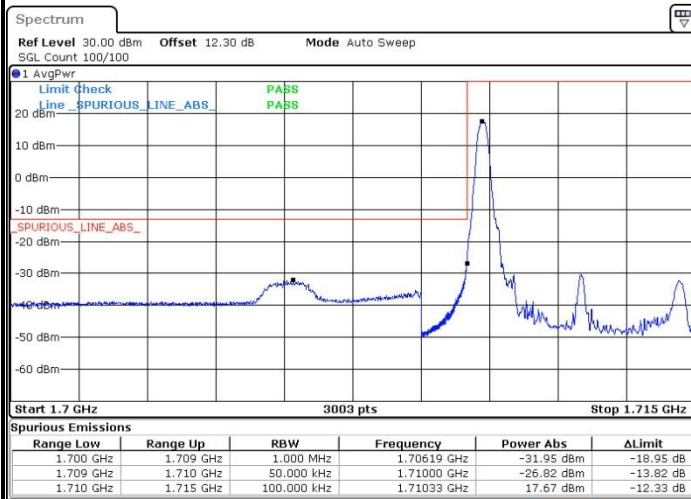




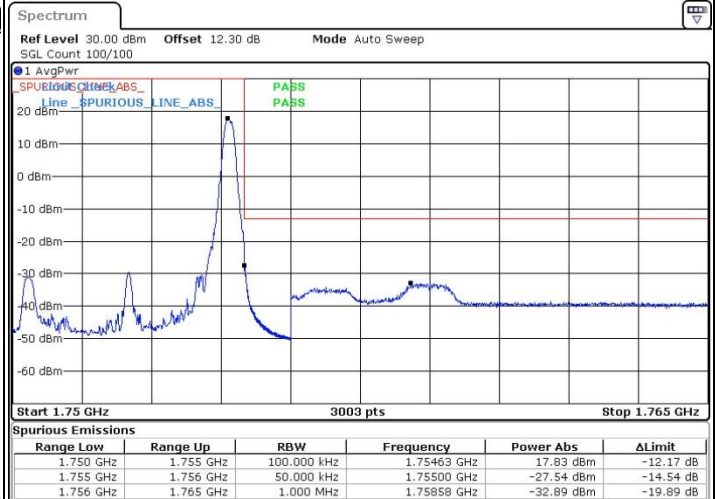


## LTE Band 4 / 5MHz / QPSK

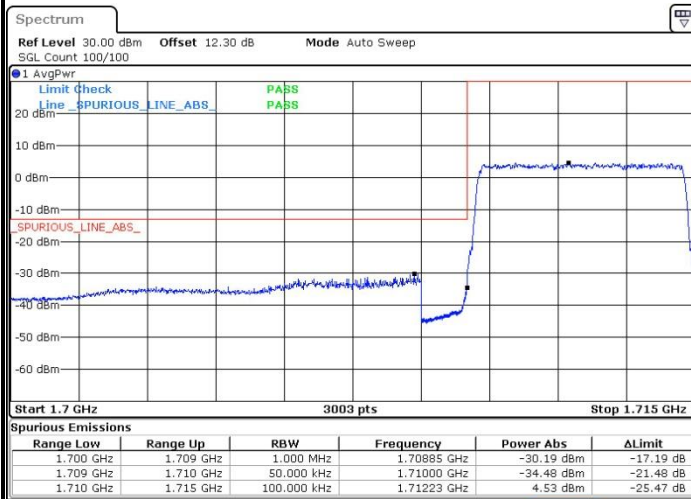
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

