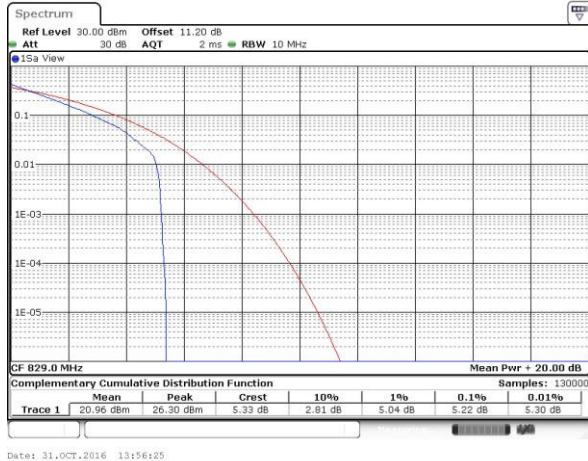
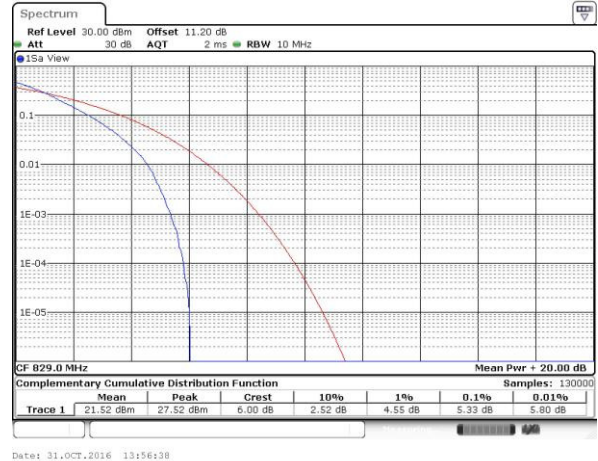
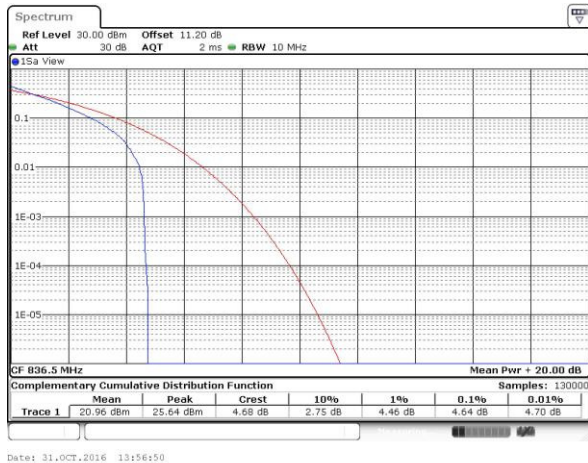
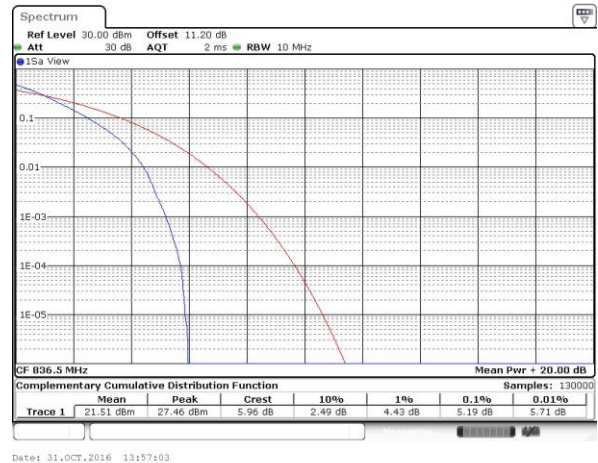
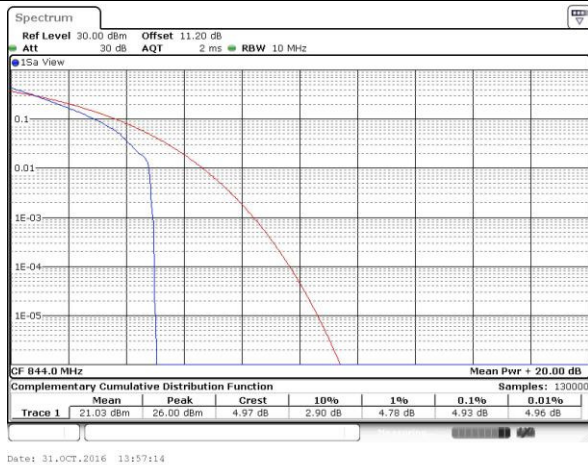
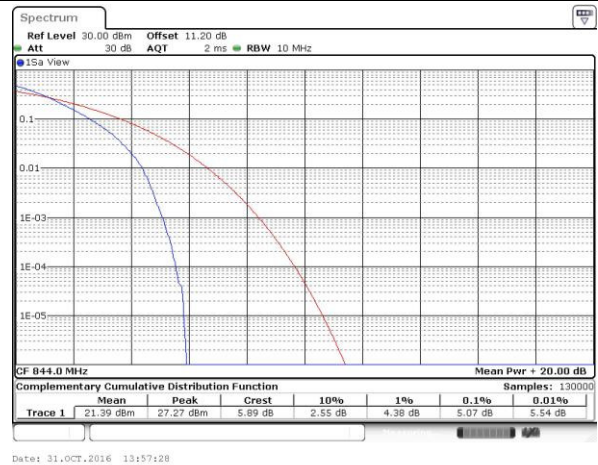




## LTE Band 5

### Peak-to-Average Ratio

| Mode       | LTE Band 5 / 10MHz |         |       |         |             |
|------------|--------------------|---------|-------|---------|-------------|
| Mod.       | QPSK               |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 5.22               | 5.33    | 6.32  | 6.23    | PASS        |
| Middle CH  | 4.64               | 5.19    | 5.88  | 6.14    |             |
| Highest CH | 4.93               | 5.07    | 5.88  | 5.94    |             |

**LTE Band 5 / 10MHz / QPSK**
**Lowest Channel / 1RB**

**Lowest Channel / Full RB**

**Middle Channel / 1RB**

**Middle Channel / Full RB**

**Highest Channel / 1RB**

**Highest Channel / Full RB**


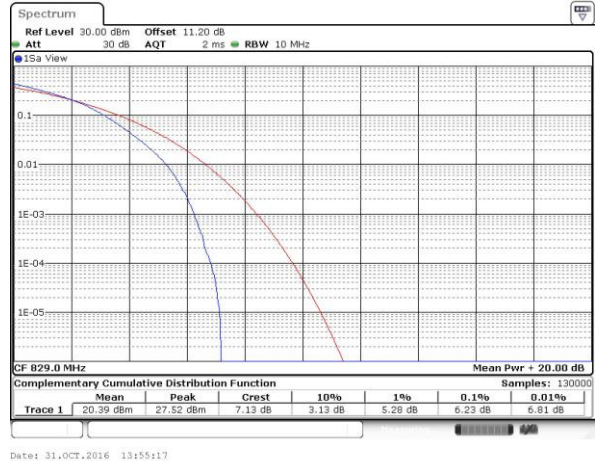


## LTE Band 5 / 10MHz / 16QAM

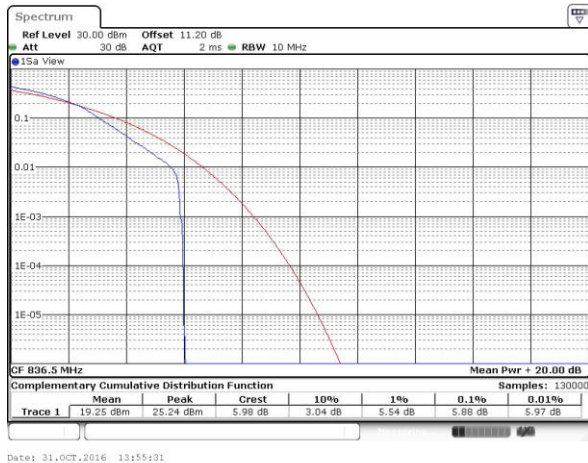
## Lowest Channel / 1RB



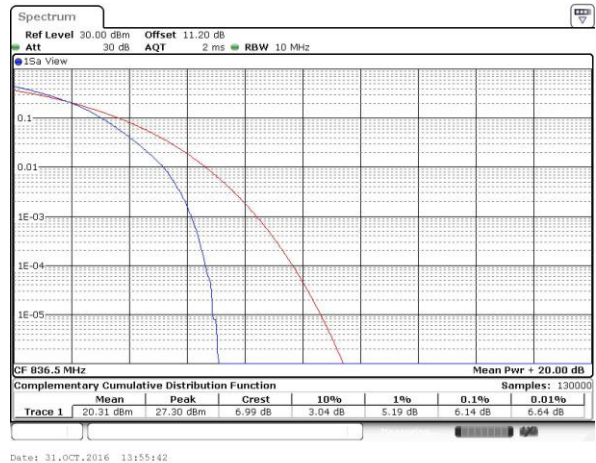
## Lowest Channel / Full RB



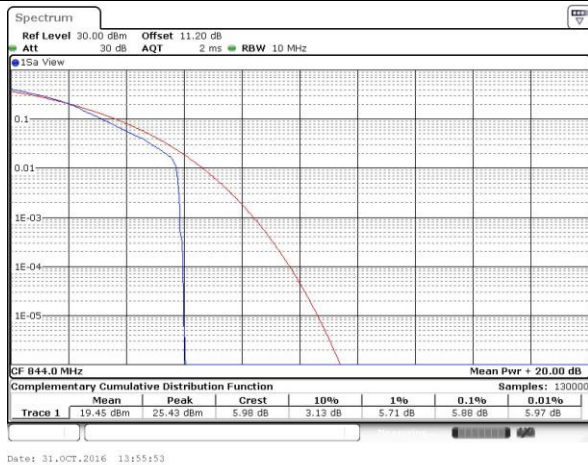
## Middle Channel / 1RB



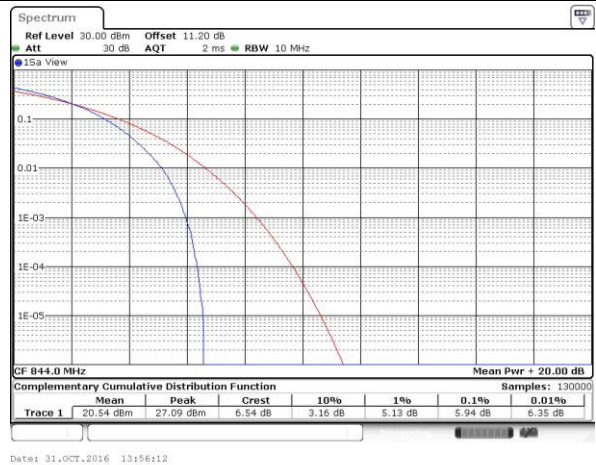
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



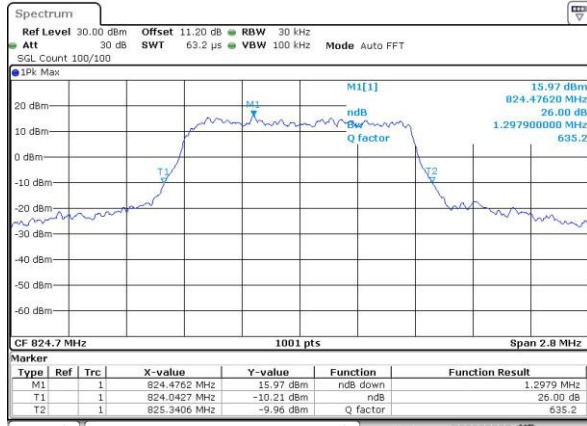
**26dB Bandwidth**

| Mode       | LTE Band 5 : 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  | 1.30                      | 1.24  | 3.01 | 3.03  | 4.90 | 4.98  | 9.91  | 9.75  | -     | -     | -     | -     |
| Middle CH  | 1.27                      | 1.28  | 3.02 | 3.00  | 4.90 | 4.88  | 9.77  | 9.77  | -     | -     | -     | -     |
| Highest CH | 1.28                      | 1.28  | 3.04 | 2.97  | 4.87 | 4.80  | 9.79  | 9.93  | -     | -     | -     | -     |



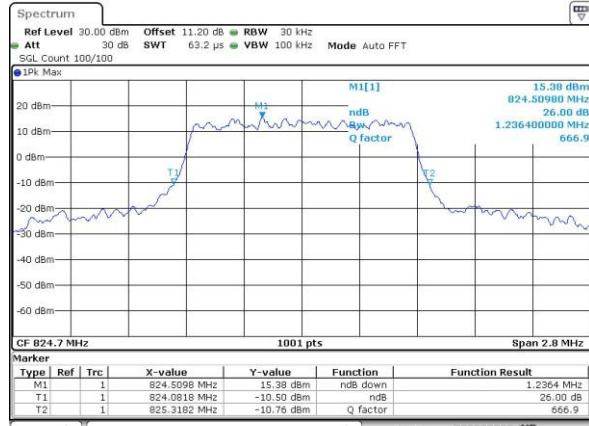
## LTE Band 5

## Lowest Channel / 1.4MHz / QPSK



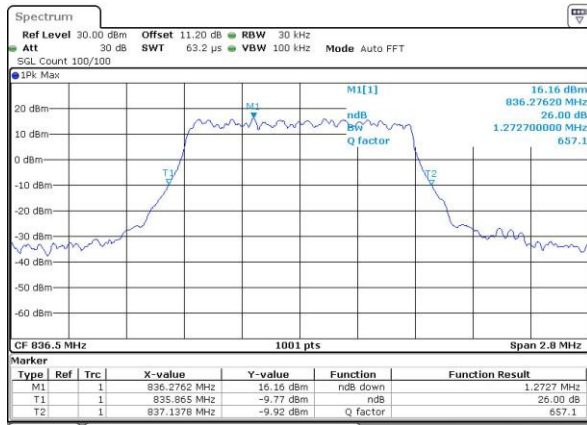
Date: 31.OCT.2016 10:07:46

## Lowest Channel / 1.4MHz / 16QAM



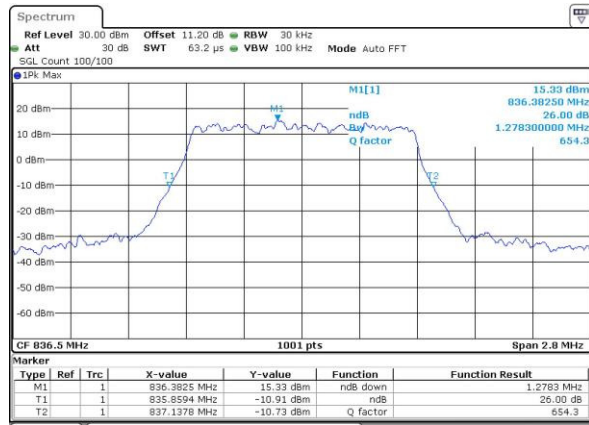
Date: 31.OCT.2016 10:07:134

## Middle Channel / 1.4MHz / QPSK



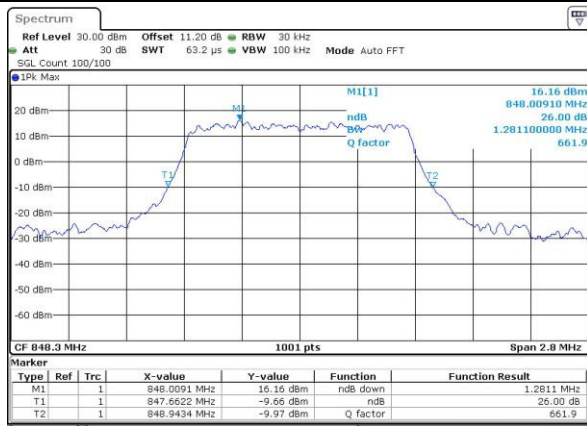
Date: 31.OCT.2016 10:16:56

## Middle Channel / 1.4MHz / 16QAM



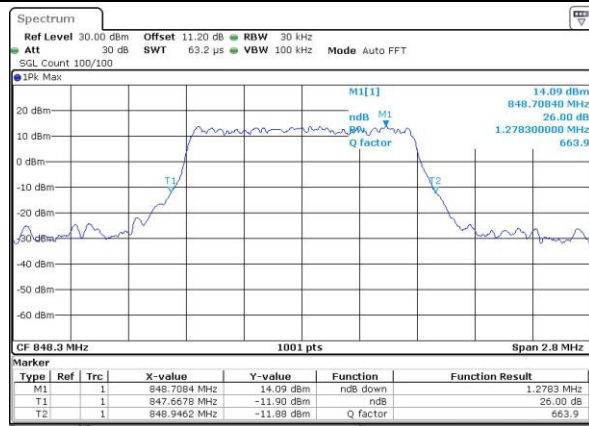
Date: 31.OCT.2016 10:17:08

## Highest Channel / 1.4MHz / QPSK



Date: 31.OCT.2016 10:19:40

## Highest Channel / 1.4MHz / 16QAM

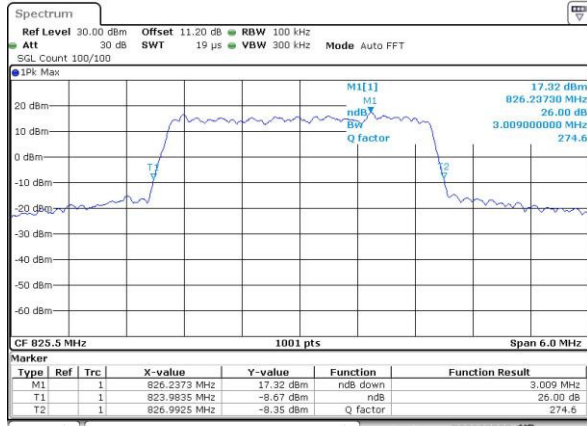


Date: 31.OCT.2016 10:19:52



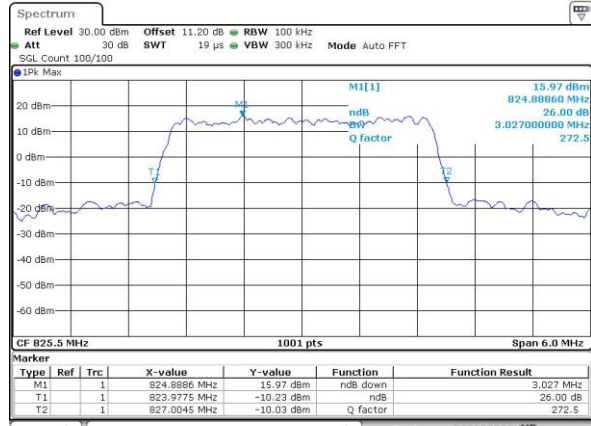
## LTE Band 5

## Lowest Channel / 3MHz / QPSK



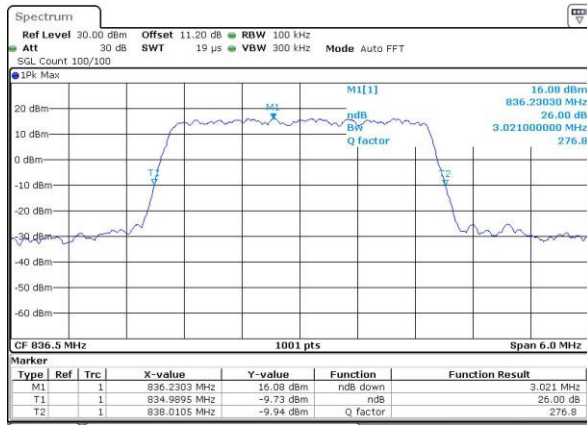
Date: 31.OCT.2016 10:29:02

## Lowest Channel / 3MHz / 16QAM



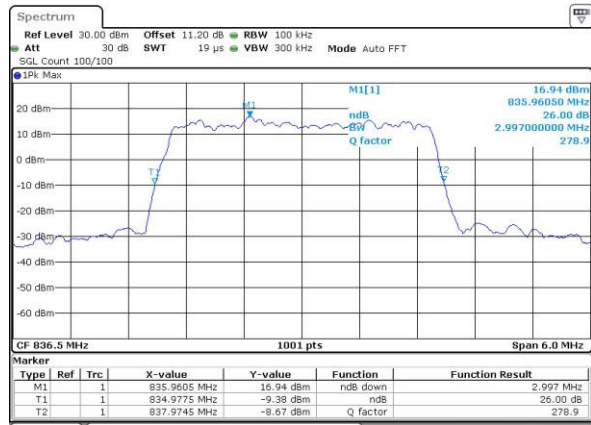
Date: 31.OCT.2016 10:29:13

## Middle Channel / 3MHz / QPSK



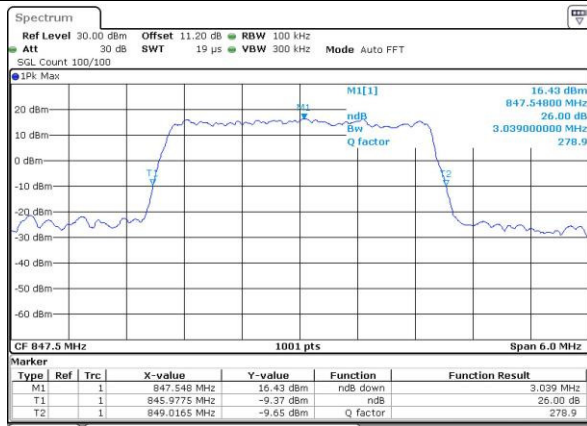
Date: 31.OCT.2016 10:38:24

## Middle Channel / 3MHz / 16QAM



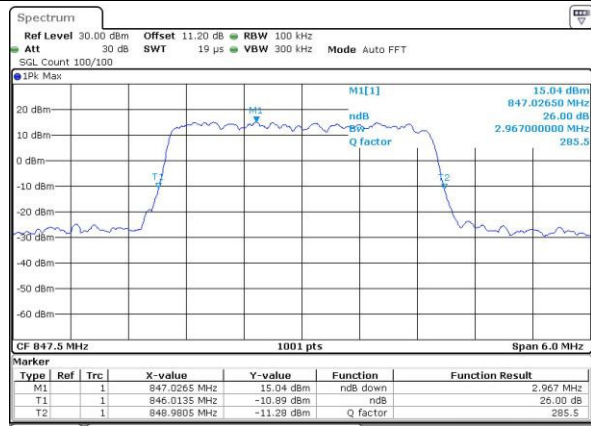
Date: 31.OCT.2016 10:38:35

## Highest Channel / 3MHz / QPSK



Date: 31.OCT.2016 10:41:08

## Highest Channel / 3MHz / 16QAM

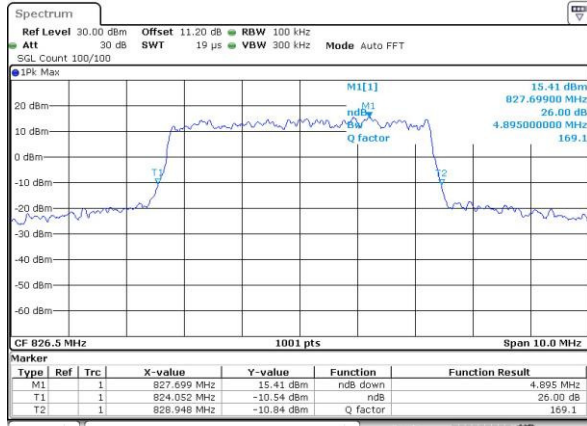


Date: 31.OCT.2016 10:41:19



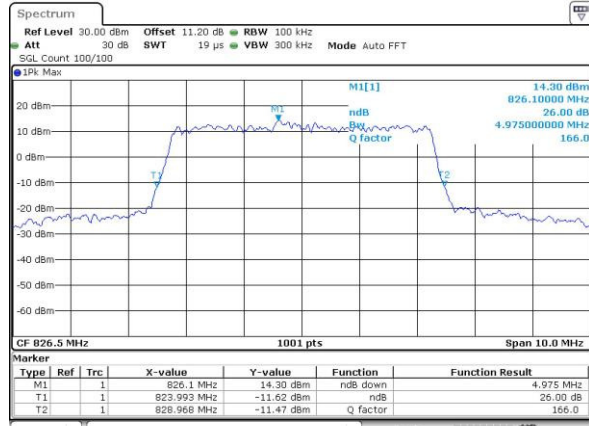
## LTE Band 5

## Lowest Channel / 5MHz / QPSK



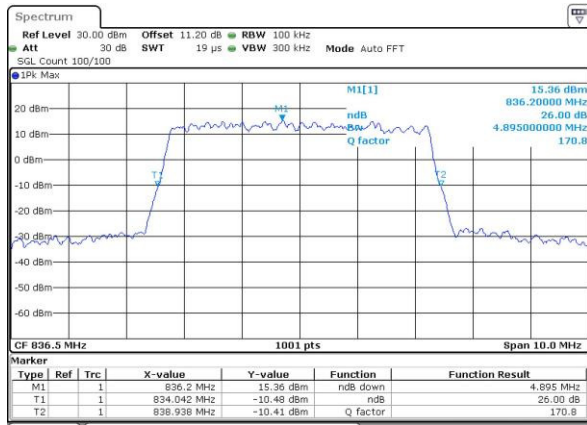
Date: 31.OCT.2016 10:50:29

## Lowest Channel / 5MHz / 16QAM



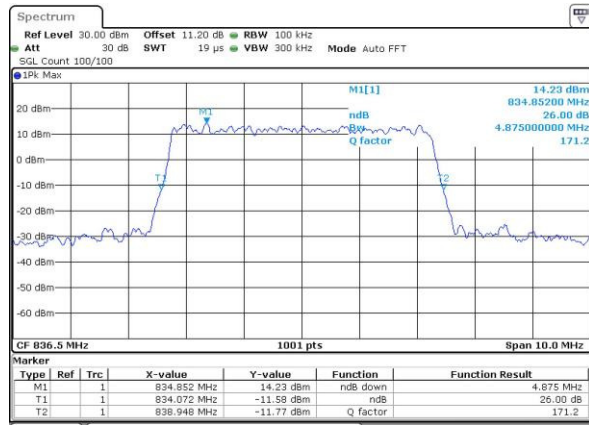
Date: 31.OCT.2016 10:50:41

## Middle Channel / 5MHz / QPSK



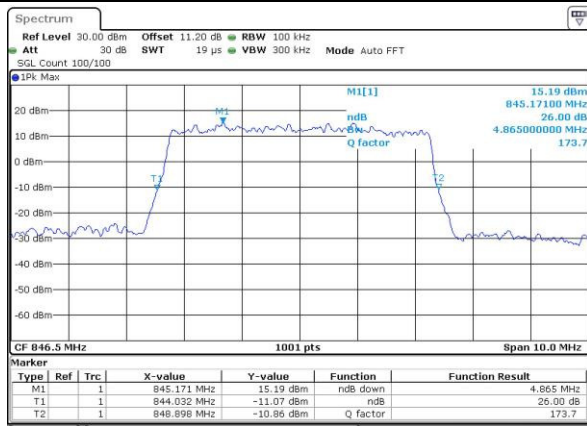
Date: 31.OCT.2016 10:59:51

## Middle Channel / 5MHz / 16QAM



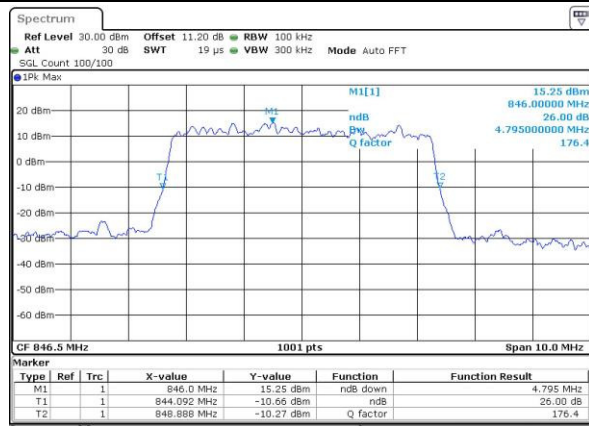
Date: 31.OCT.2016 11:00:03

## Highest Channel / 5MHz / QPSK



Date: 31.OCT.2016 11:02:35

## Highest Channel / 5MHz / 16QAM

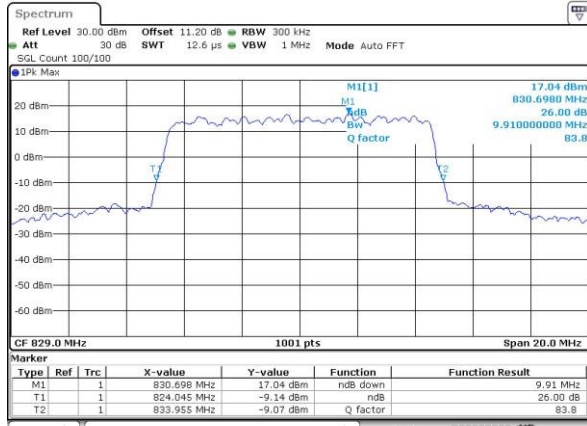


Date: 31.OCT.2016 11:02:46



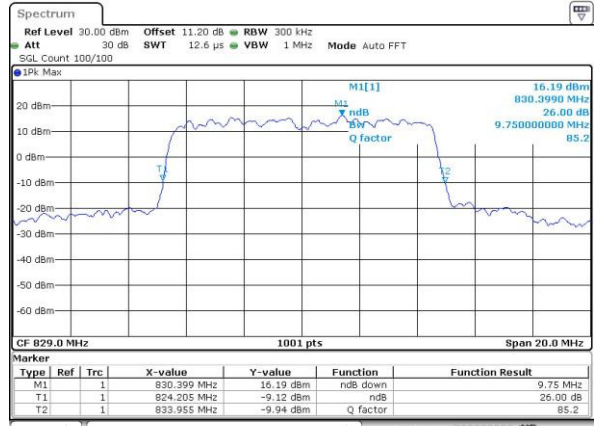
## LTE Band 5

## Lowest Channel / 10MHz / QPSK



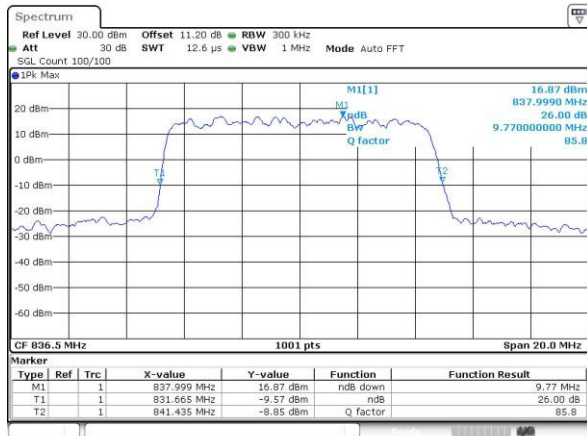
Date: 31.OCT.2016 11:11:57

## Lowest Channel / 10MHz / 16QAM



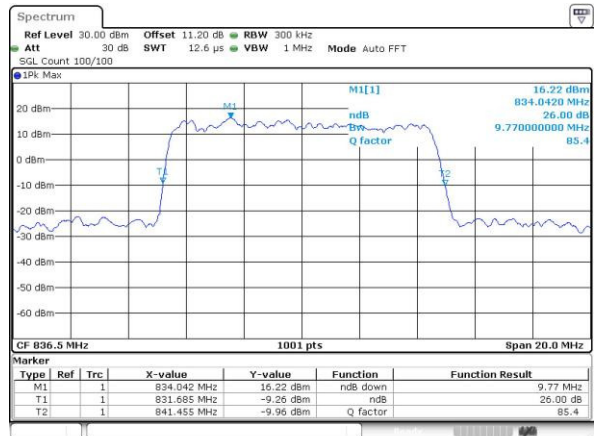
Date: 31.OCT.2016 11:12:08

## Middle Channel / 10MHz / QPSK



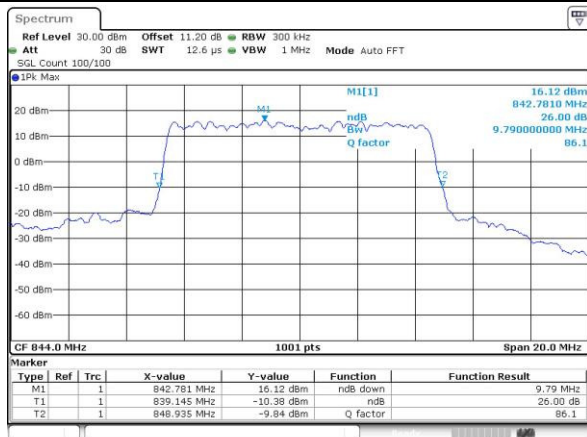
Date: 31.OCT.2016 11:21:18

## Middle Channel / 10MHz / 16QAM



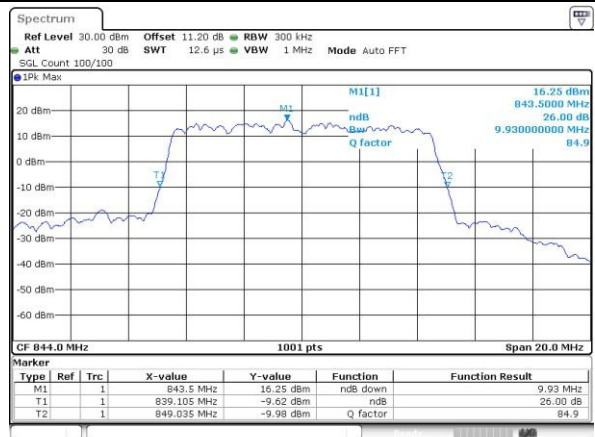
Date: 31.OCT.2016 11:21:30

## Highest Channel / 10MHz / QPSK



Date: 31.OCT.2016 11:24:02

## Highest Channel / 10MHz / 16QAM



Date: 31.OCT.2016 11:24:14

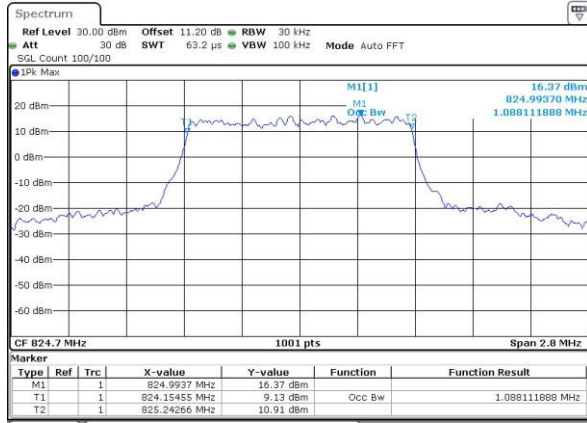
**Occupied Bandwidth**

| 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  | 2.72 | 2.72  | 4.49 | 4.5   | 9.05  | 9.03  | -     | -     | -     | -     |
| Middle CH  | 1.08                     | 1.09  | 2.74 | 2.7   | 4.5  | 4.48  | 9.03  | 9.01  | -     | -     | -     | -     |
| Highest CH | 1.09                     | 1.09  | 2.73 | 2.72  | 4.49 | 4.46  | 8.97  | 8.93  | -     | -     | -     | -     |



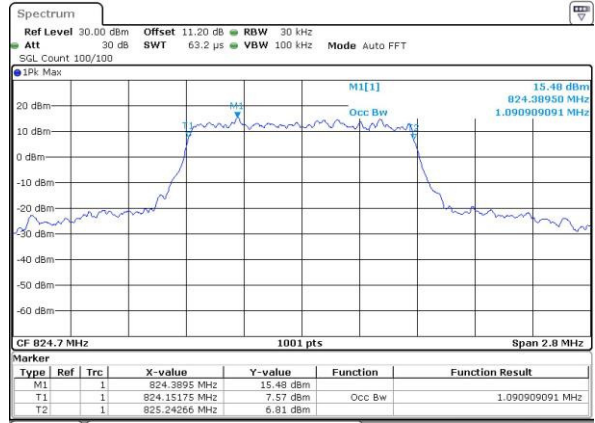
## LTE Band 5

## Lowest Channel / 1.4MHz / QPSK



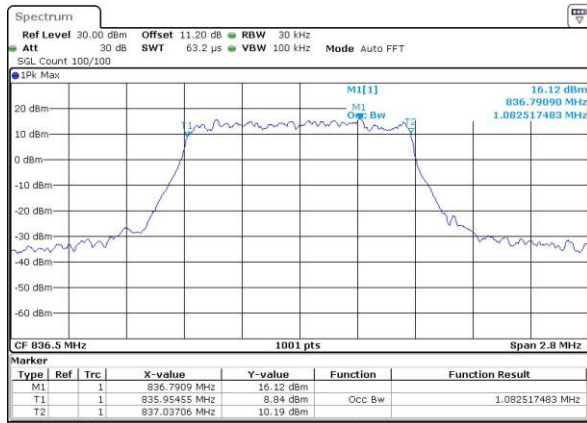
Date: 31.OCT.2016 10:07:11

## Lowest Channel / 1.4MHz / 16QAM



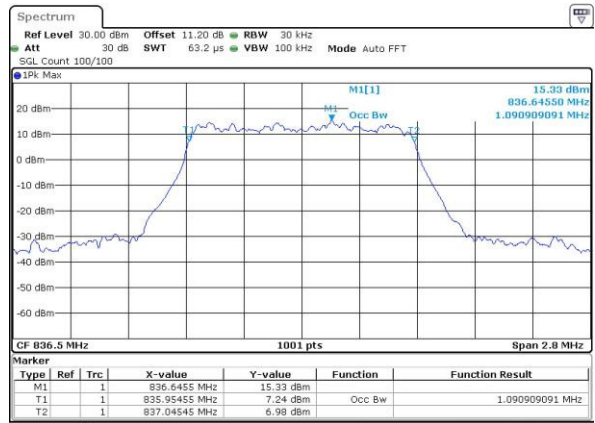
Date: 31.OCT.2016 10:07:22

## Middle Channel / 1.4MHz / QPSK



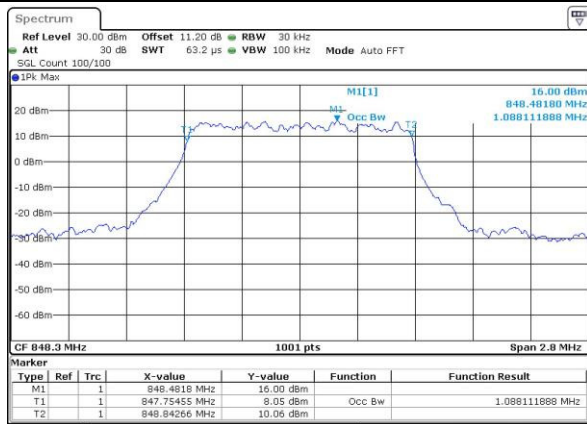
Date: 31.OCT.2016 10:16:33

## Middle Channel / 1.4MHz / 16QAM



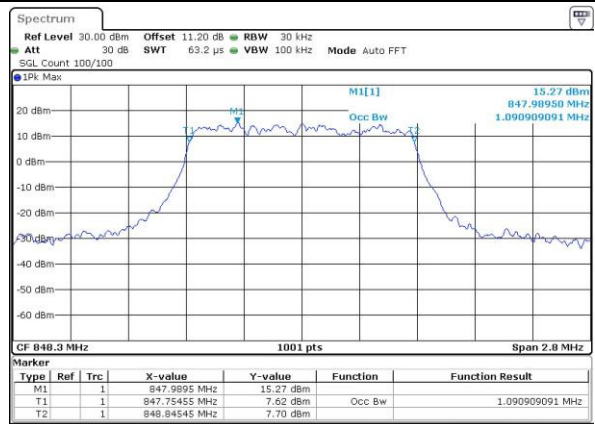
Date: 31.OCT.2016 10:16:45

## Highest Channel / 1.4MHz / QPSK



Date: 31.OCT.2016 10:19:17

## Highest Channel / 1.4MHz / 16QAM

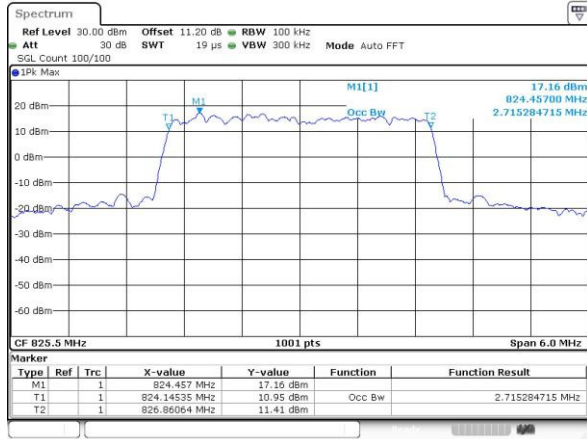


Date: 31.OCT.2016 10:19:29

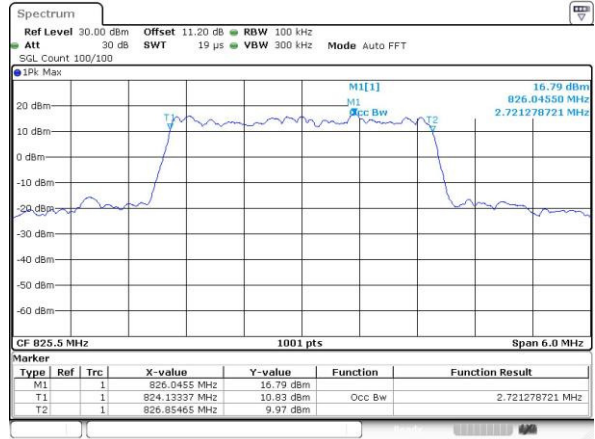


## LTE Band 5

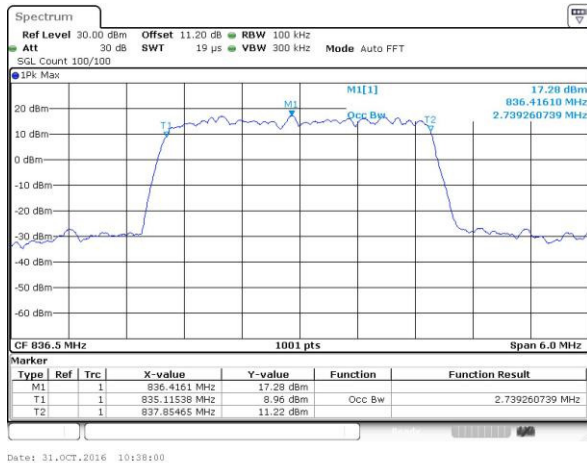
## Lowest Channel / 3MHz / QPSK



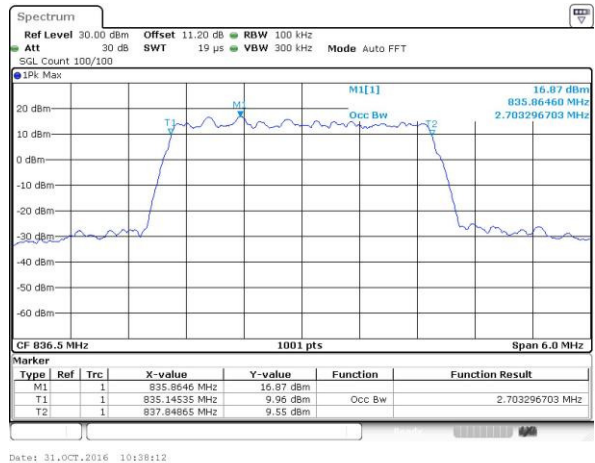
## Lowest Channel / 3MHz / 16QAM



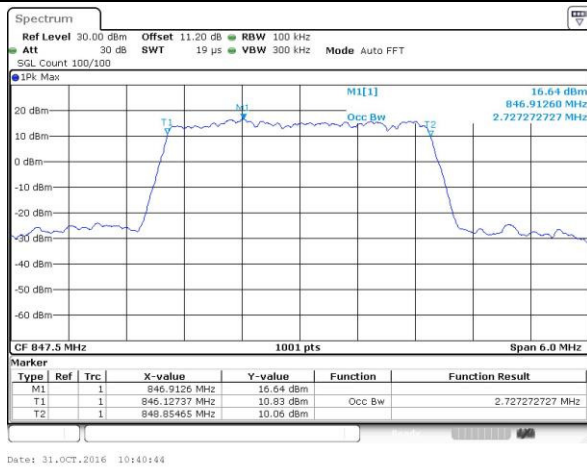
## Middle Channel / 3MHz / QPSK



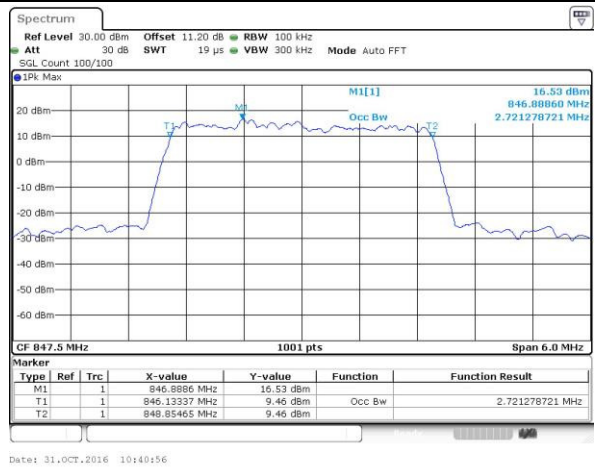
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



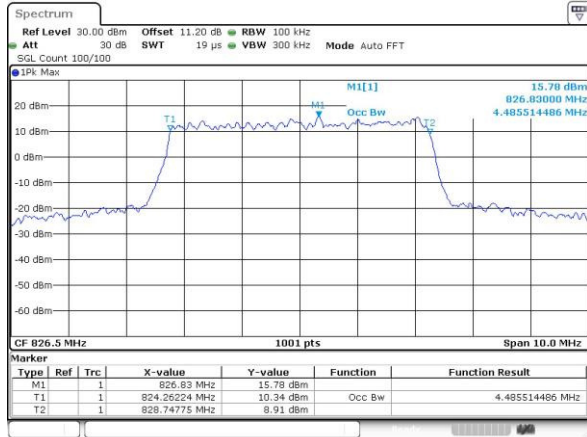
## Highest Channel / 3MHz / 16QAM



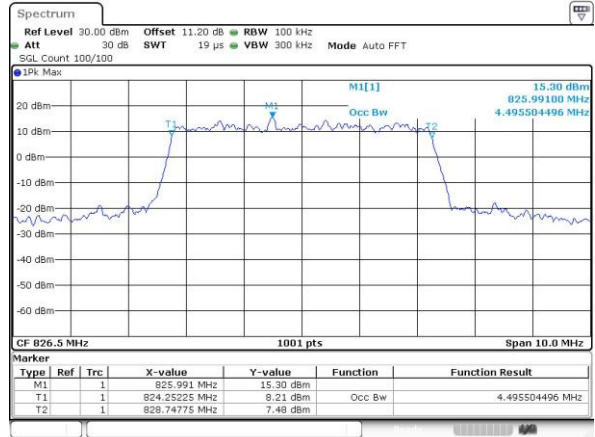


## LTE Band 5

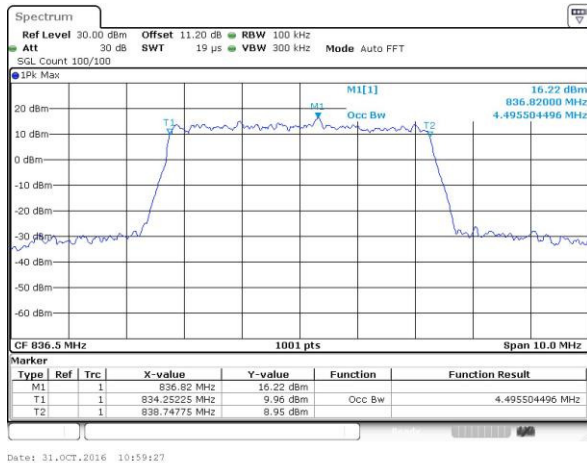
## Lowest Channel / 5MHz / QPSK



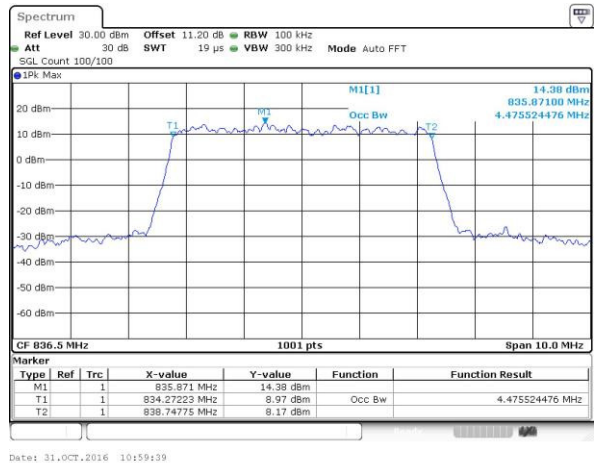
## Lowest Channel / 5MHz / 16QAM



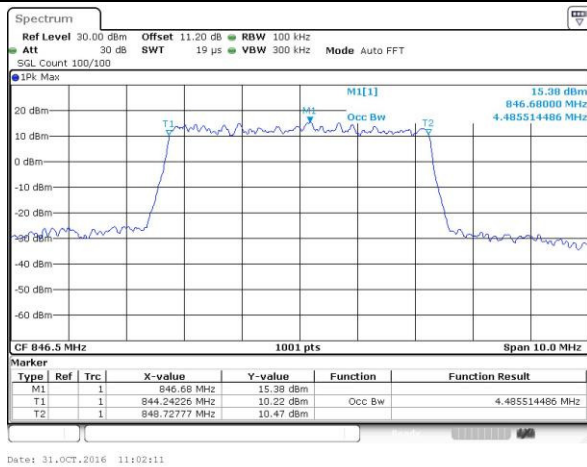
## Middle Channel / 5MHz / QPSK



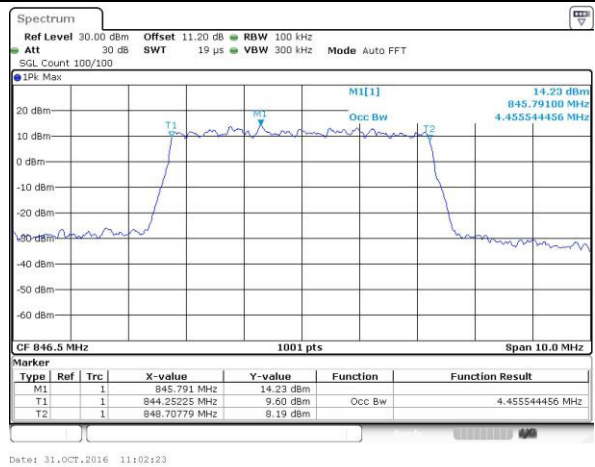
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



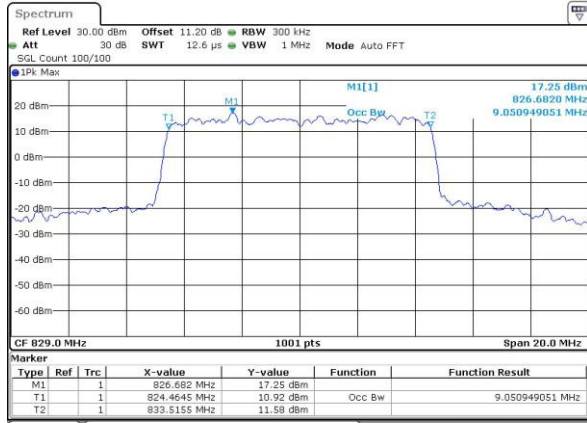
## Highest Channel / 5MHz / 16QAM





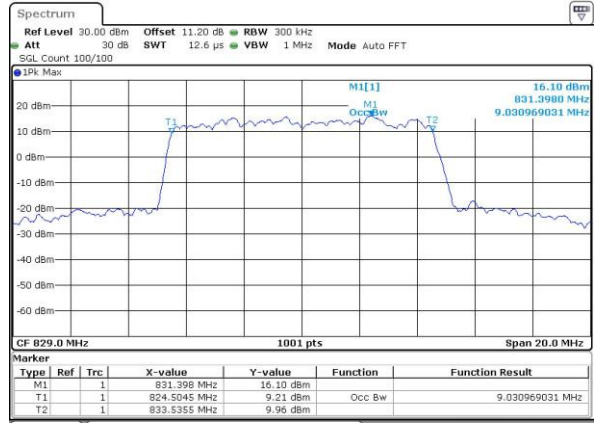
## LTE Band 5

## Lowest Channel / 10MHz / QPSK



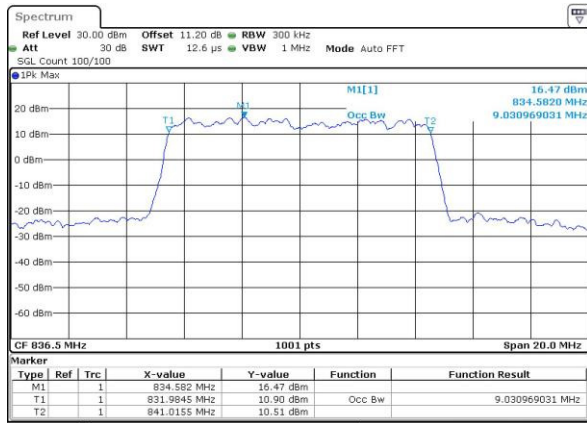
Date: 31.OCT.2016 11:11:33

## Lowest Channel / 10MHz / 16QAM



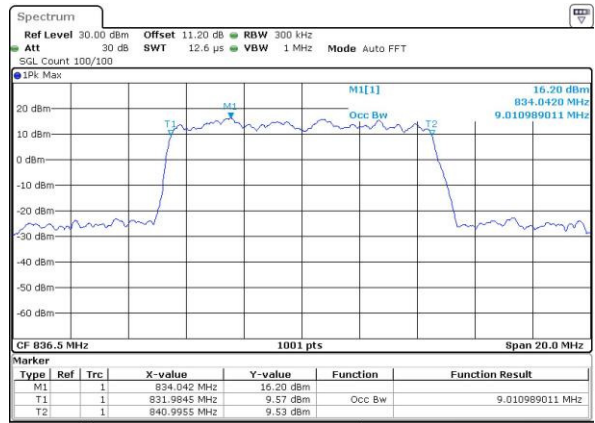
Date: 31.OCT.2016 11:11:45

## Middle Channel / 10MHz / QPSK



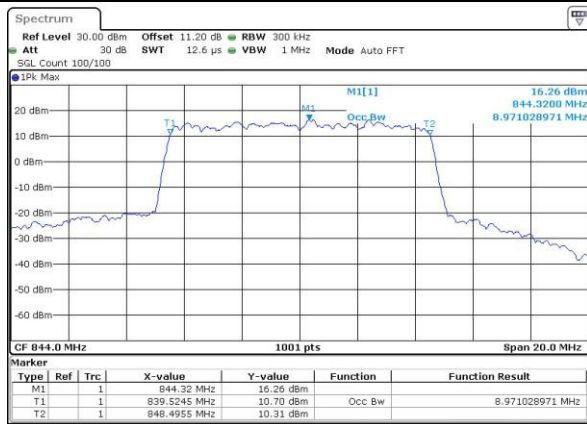
Date: 31.OCT.2016 11:20:55

## Middle Channel / 10MHz / 16QAM



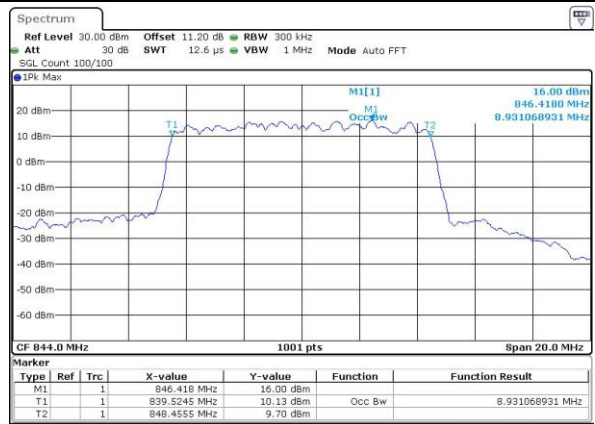
Date: 31.OCT.2016 11:21:07

## Highest Channel / 10MHz / QPSK

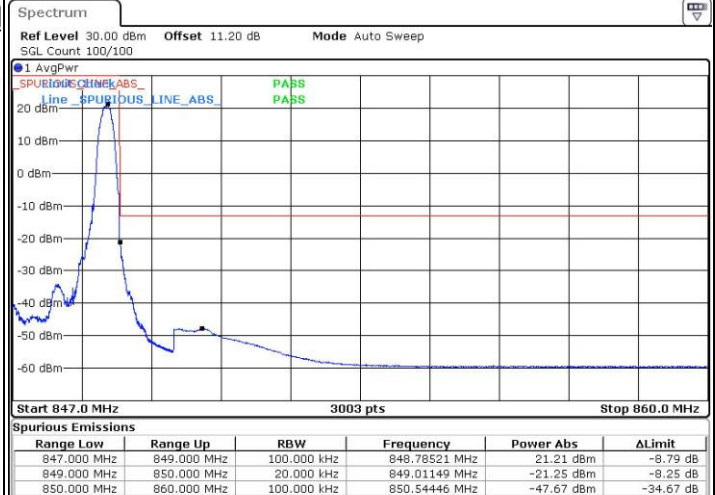
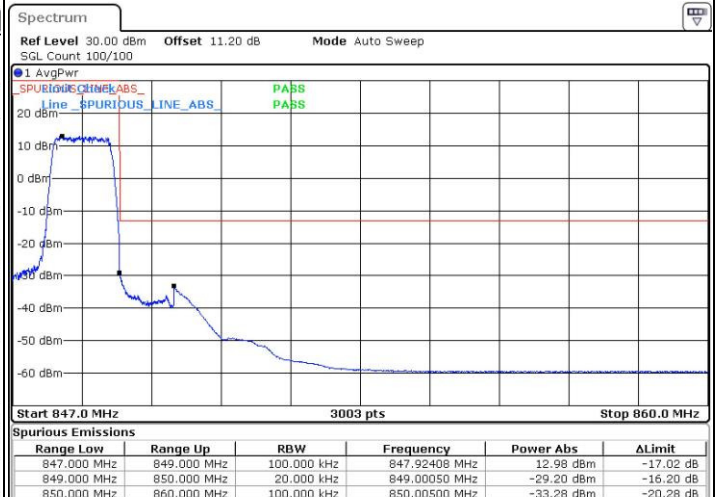


Date: 31.OCT.2016 11:23:39

## Highest Channel / 10MHz / 16QAM



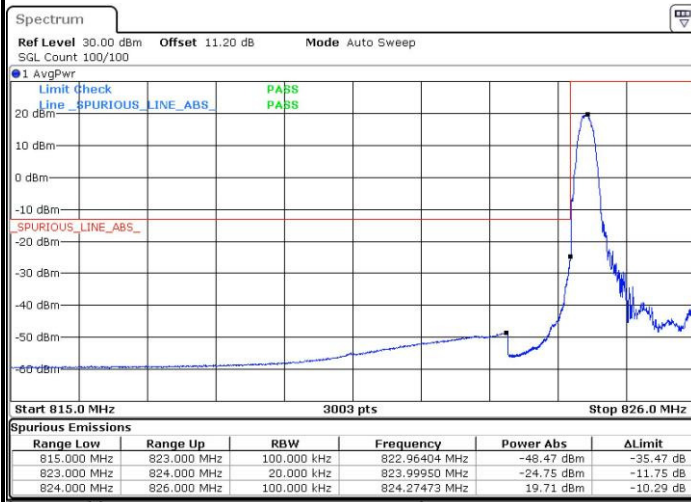
Date: 31.OCT.2016 11:23:50

**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

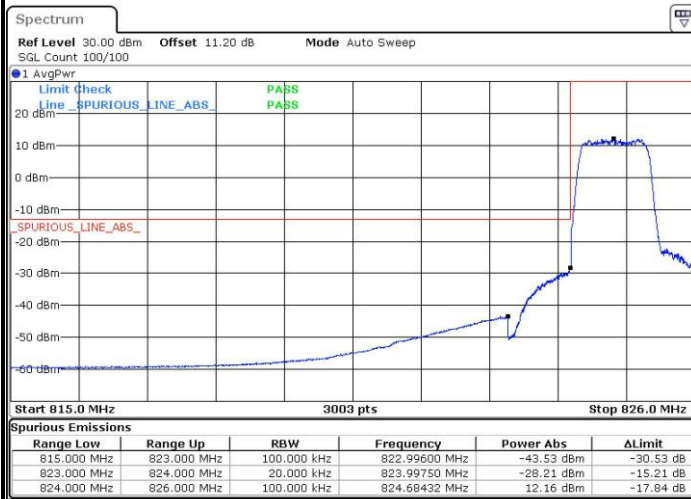
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



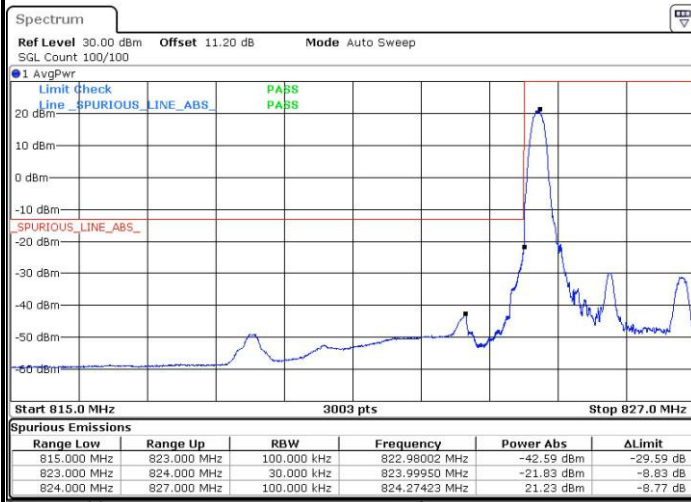
## Highest Band Edge / Full RB



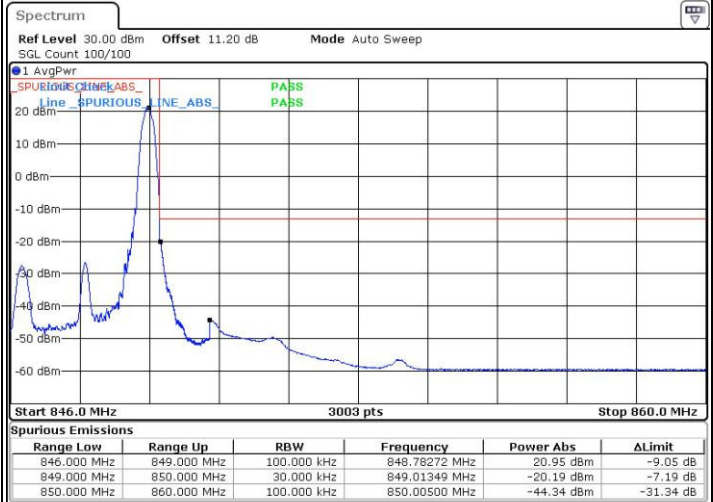


## LTE Band 5 / 3MHz / QPSK

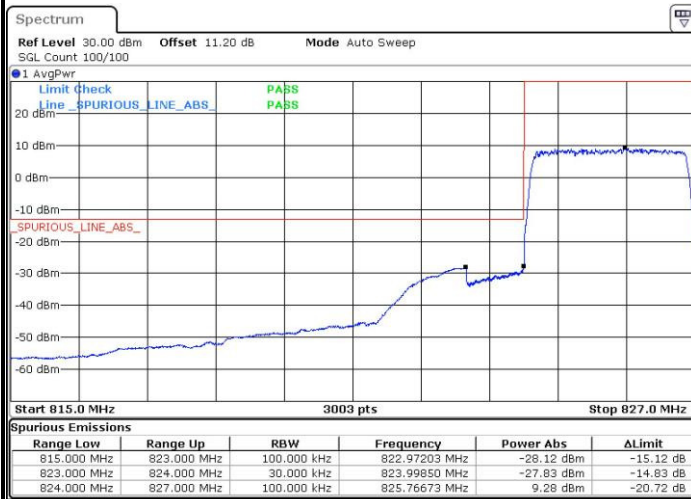
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



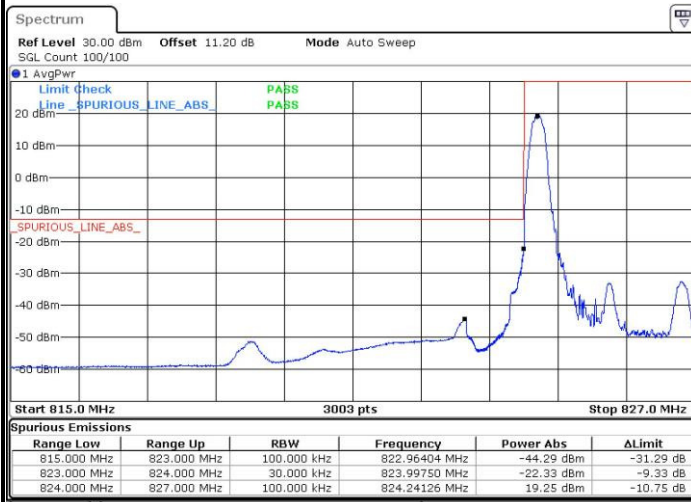
## Highest Band Edge / Full RB



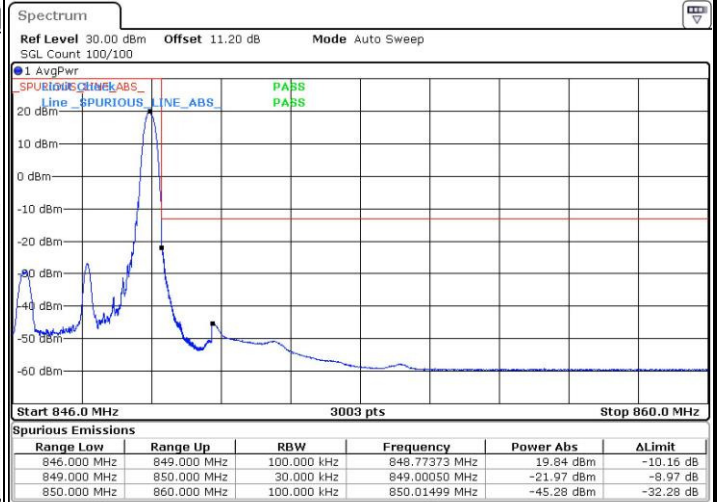


## LTE Band 5 / 3MHz / 16QAM

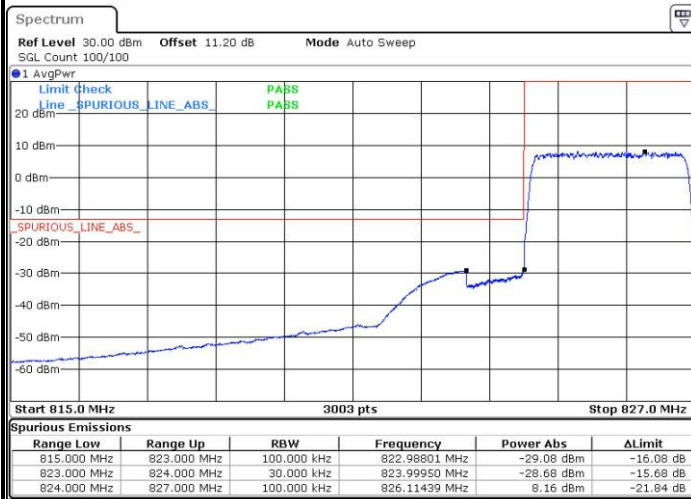
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



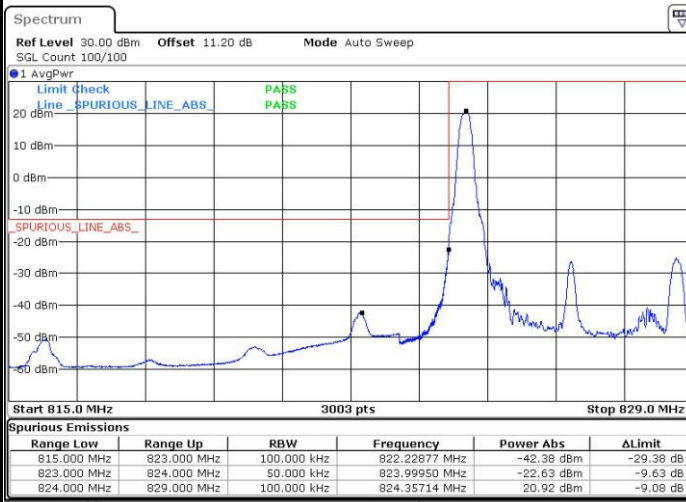
## Highest Band Edge / Full RB



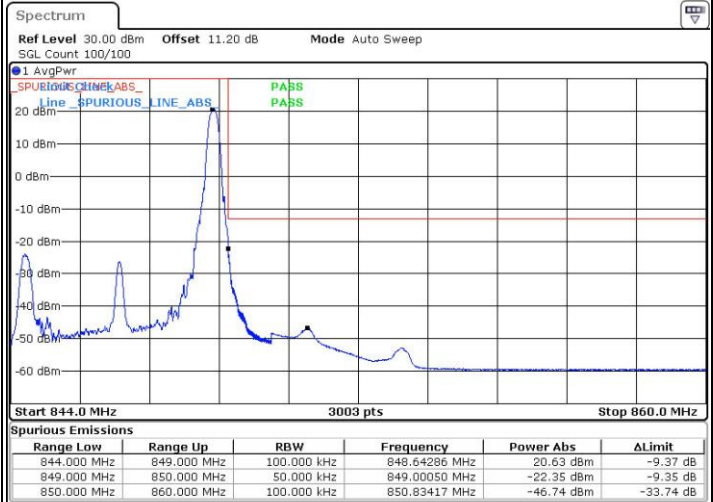


## LTE Band 5 / 5MHz / QPSK

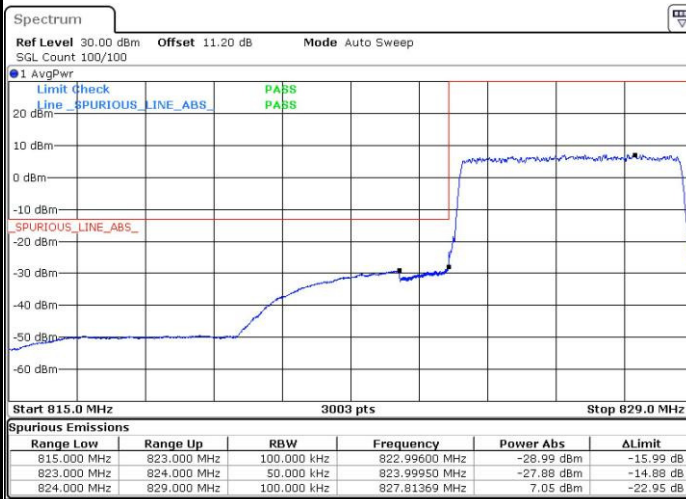
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



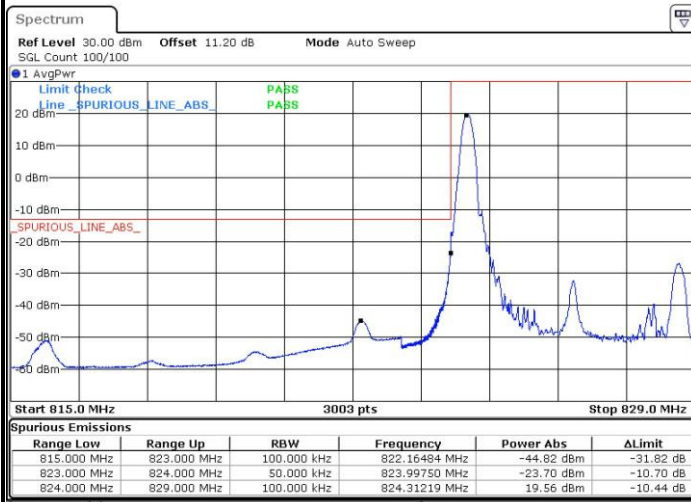
## Highest Band Edge / Full RB



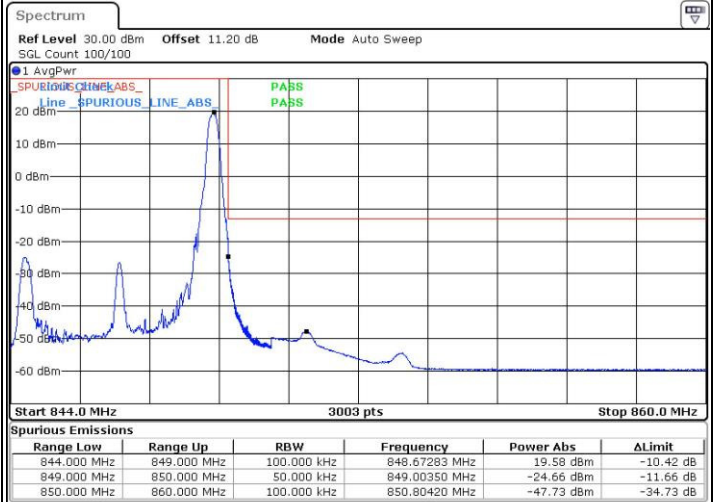


## LTE Band 5 / 5MHz / 16QAM

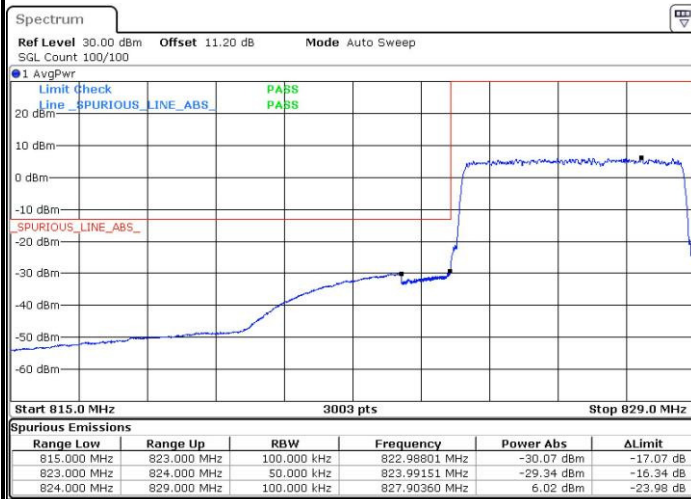
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

