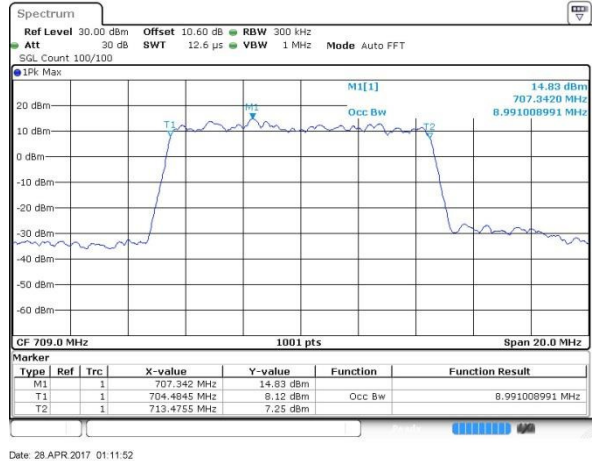


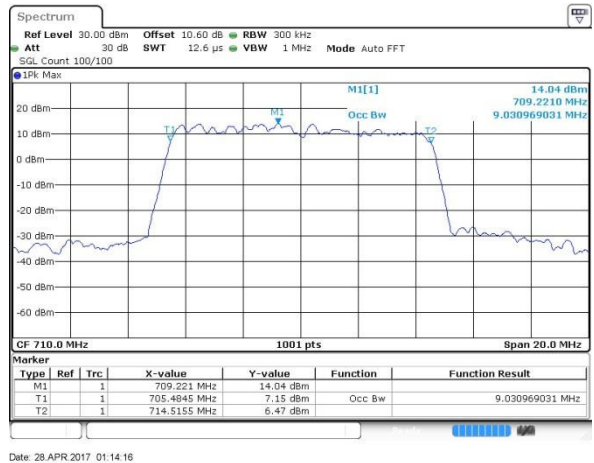


## LTE Band 17

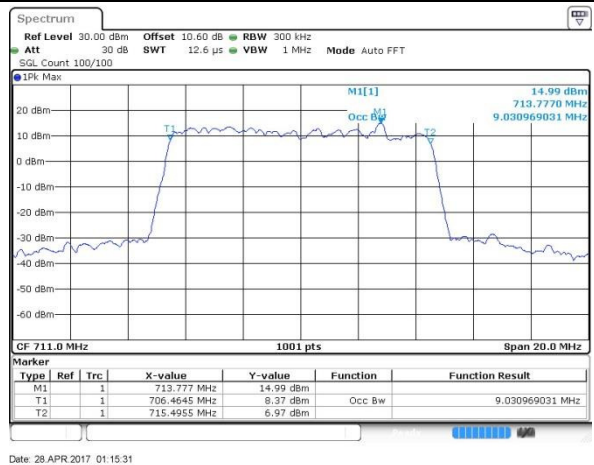
## Lowest Channel / 10MHz / 64QAM



## Middle Channel / 10MHz / 64QAM



## Highest Channel / 10MHz / 64QAM



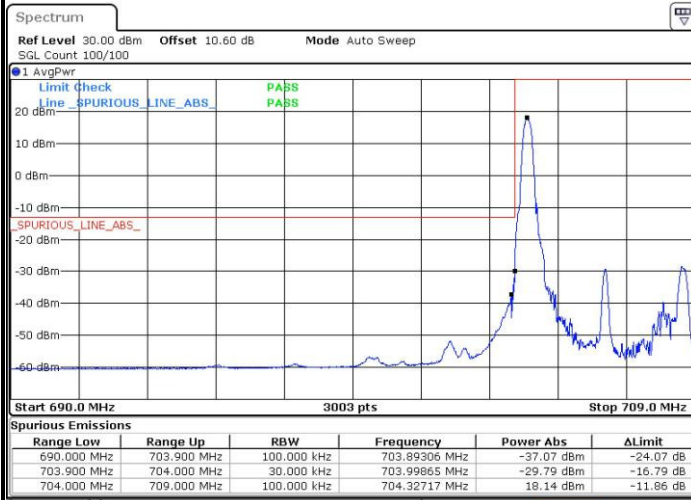


## **Conducted Band Edge**

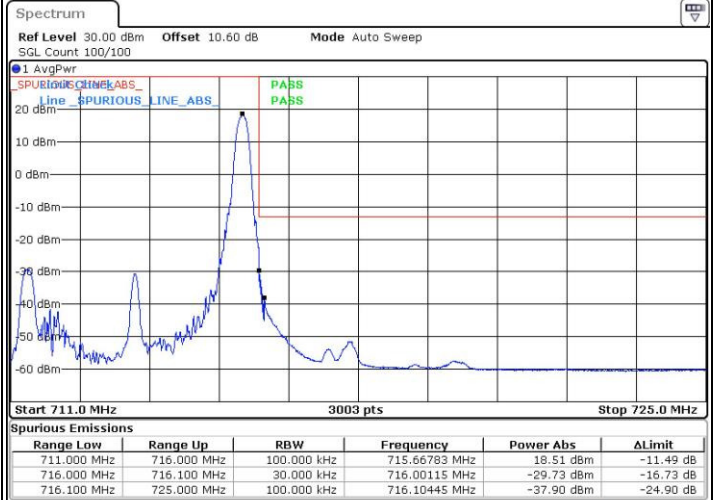


## LTE Band 17 / 5MHz / QPSK

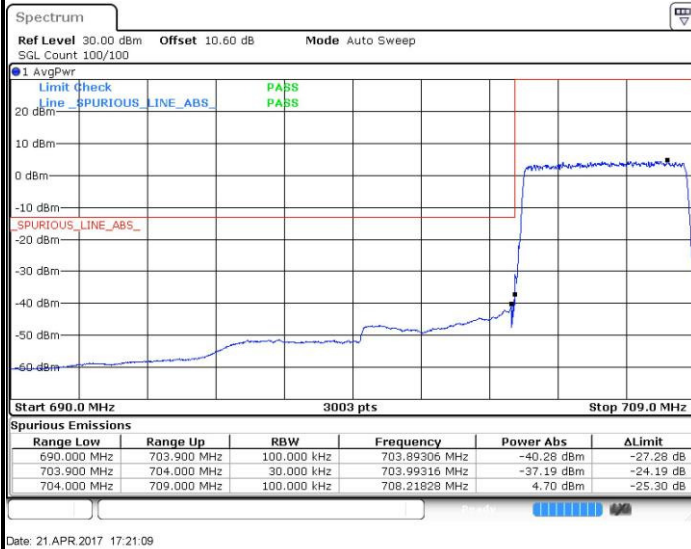
## Lowest Band Edge / 1 RB



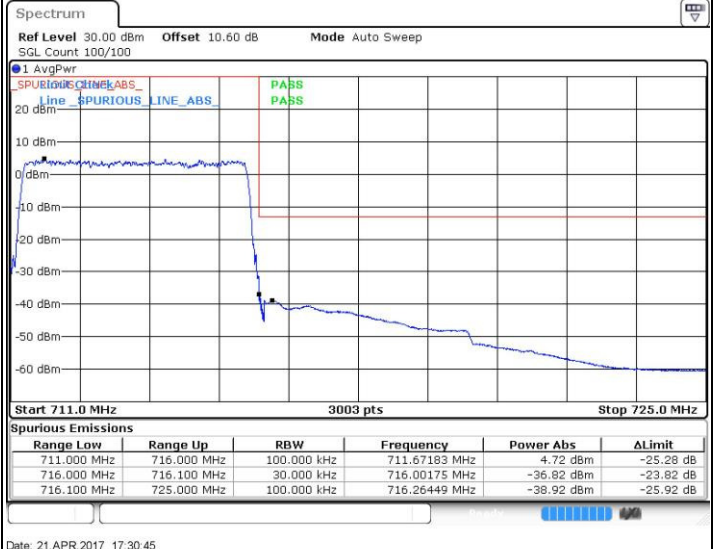
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



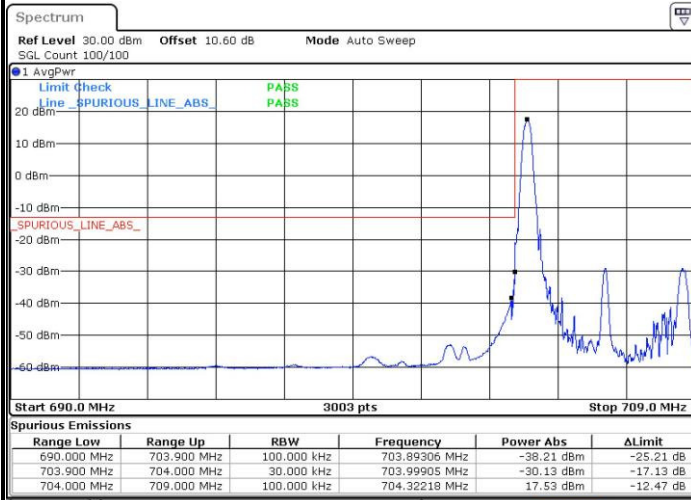
## Highest Band Edge / Full RB





## LTE Band 17 / 5MHz / 16QAM

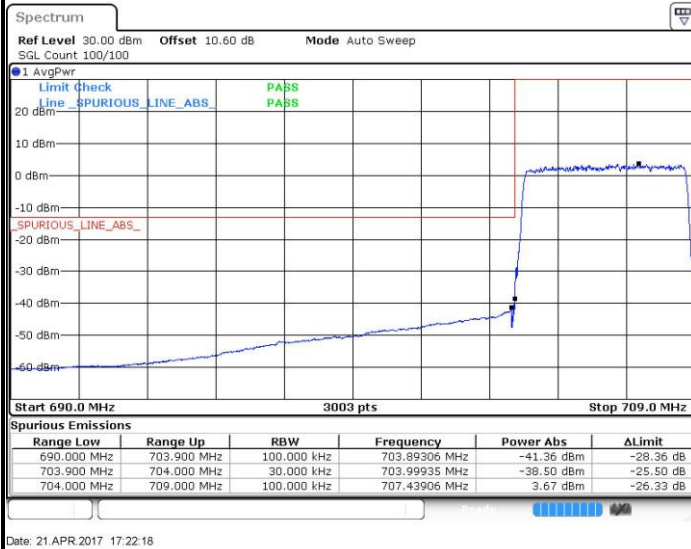
## Lowest Band Edge / 1 RB



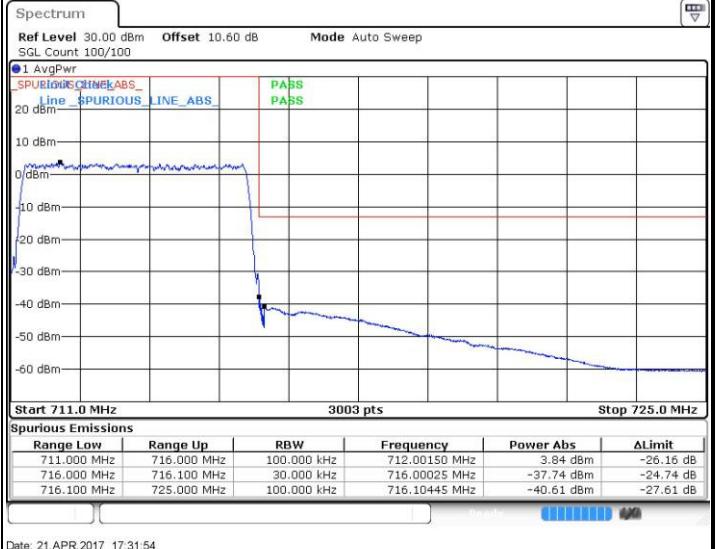
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



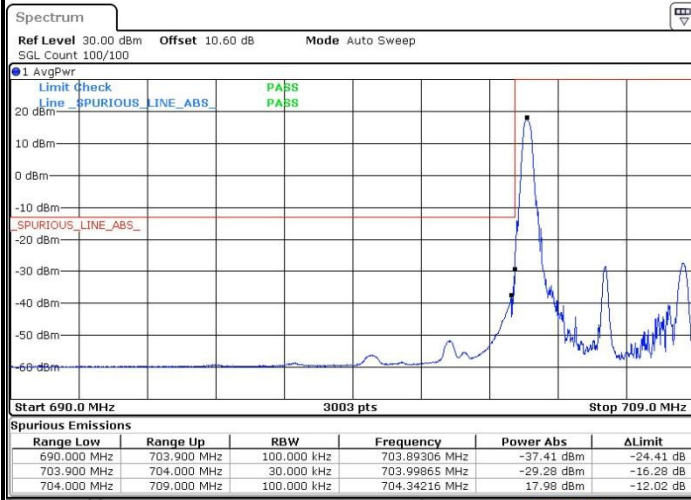
## Highest Band Edge / Full RB





## LTE Band 17 / 5MHz / 64QAM

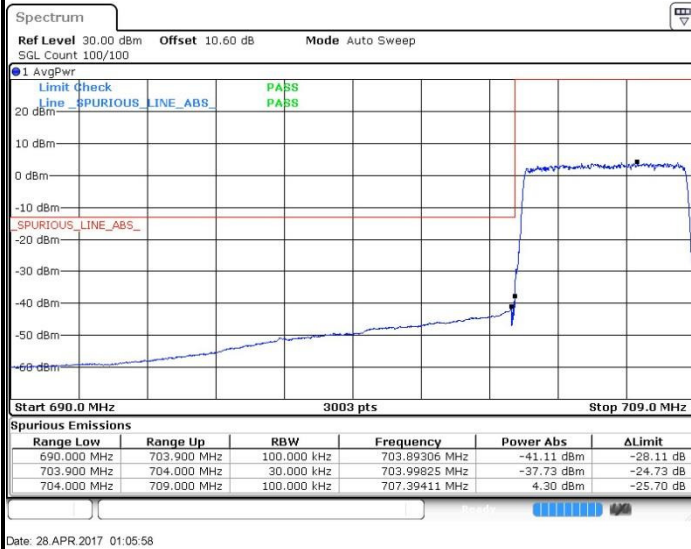
## Lowest Band Edge / 1 RB



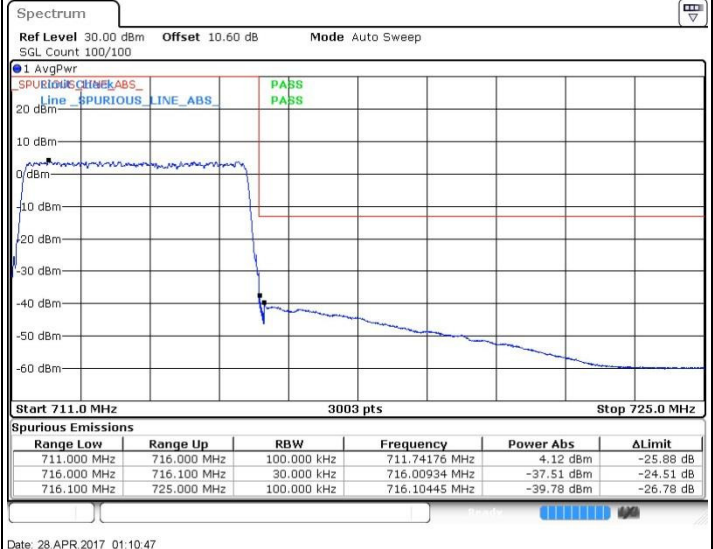
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



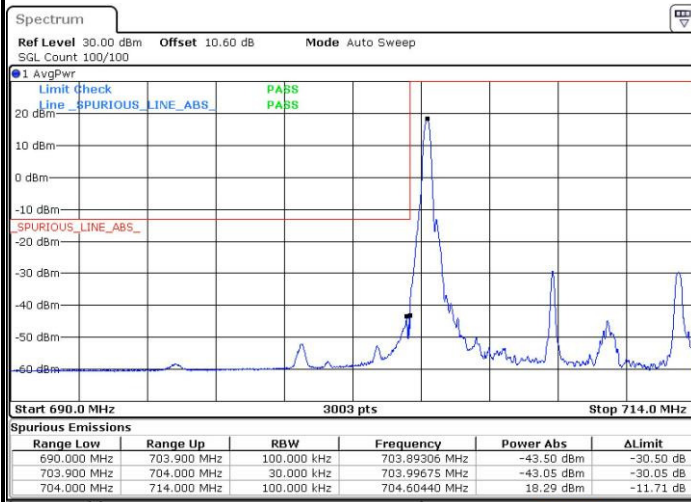
## Highest Band Edge / Full RB



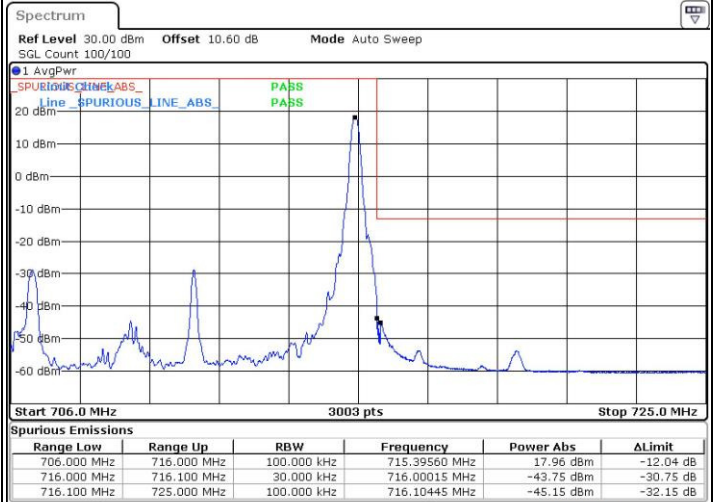


## LTE Band 17 / 10MHz / QPSK

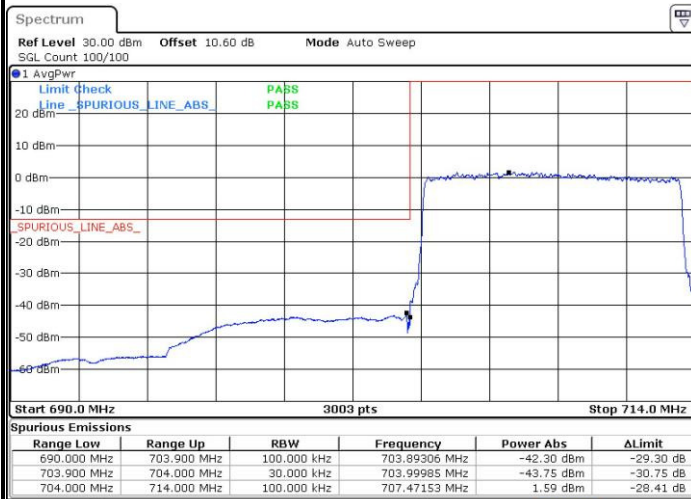
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



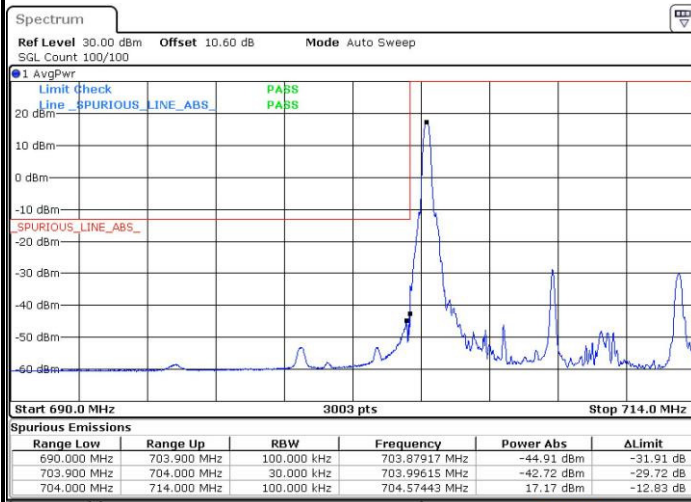
## Highest Band Edge / Full RB



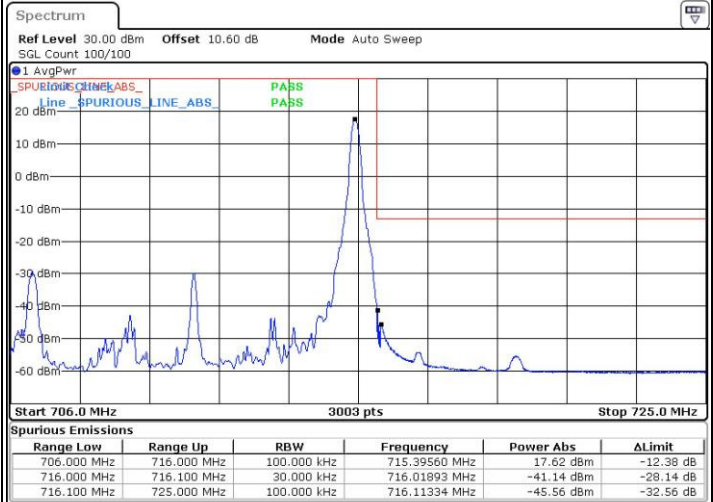


## LTE Band 17 / 10MHz / 16QAM

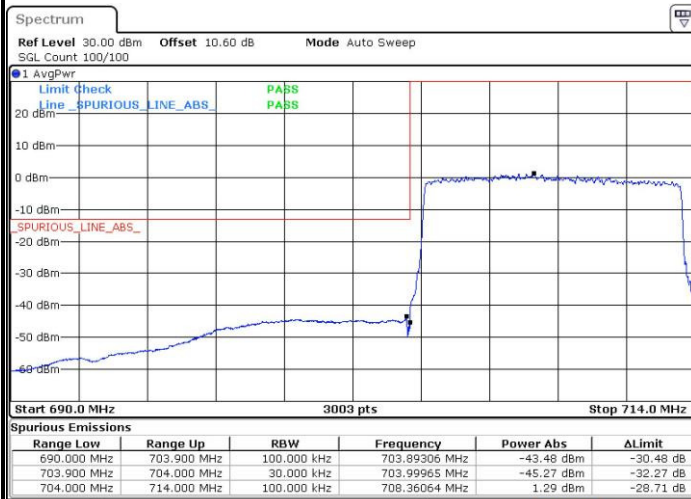
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



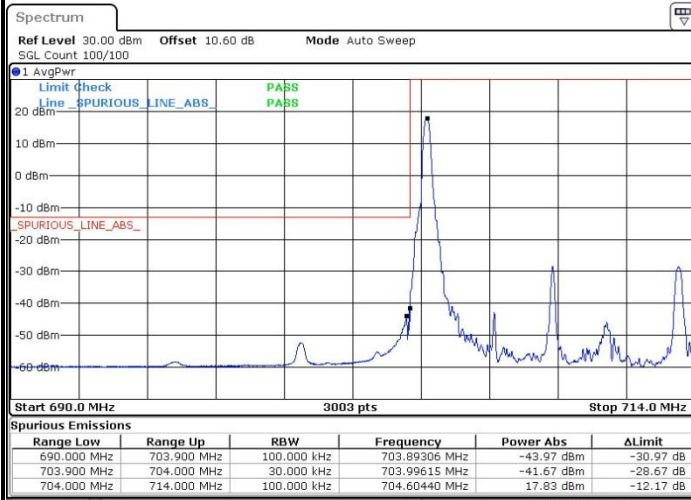
## Highest Band Edge / Full RB



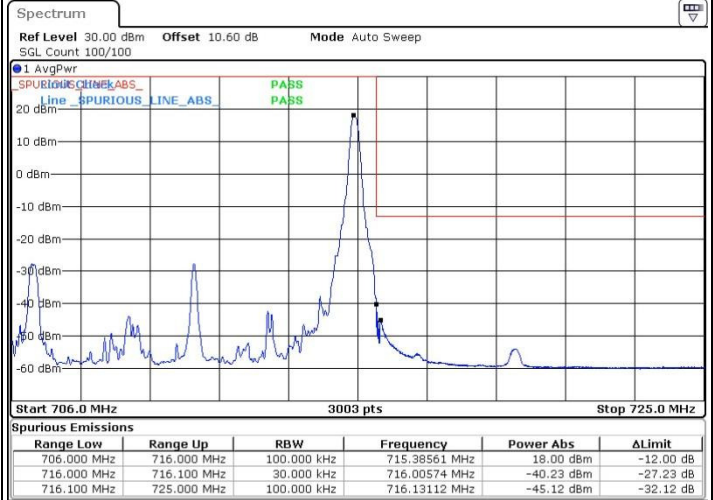


## LTE Band 17 / 10MHz / 64QAM

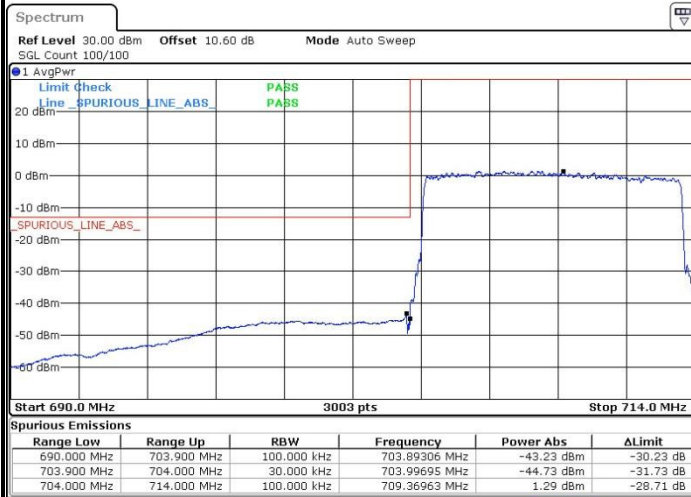
## Lowest Band Edge / 1 RB



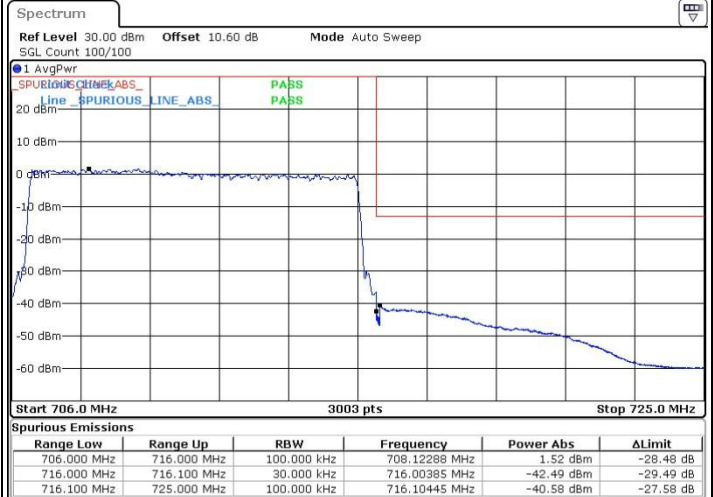
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB



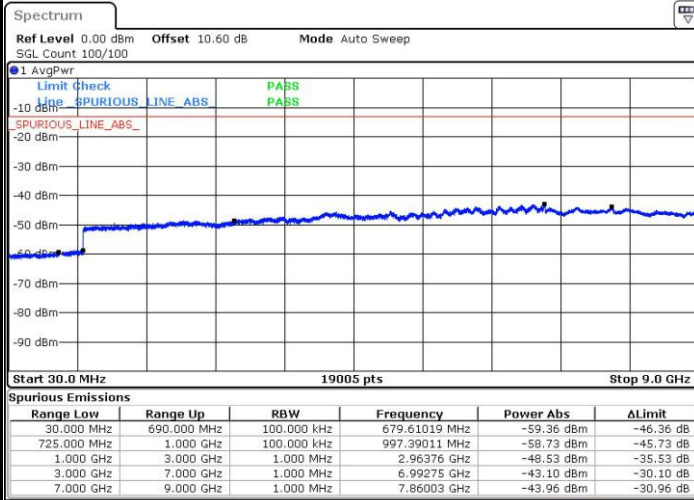


## **Conducted Spurious Emission**



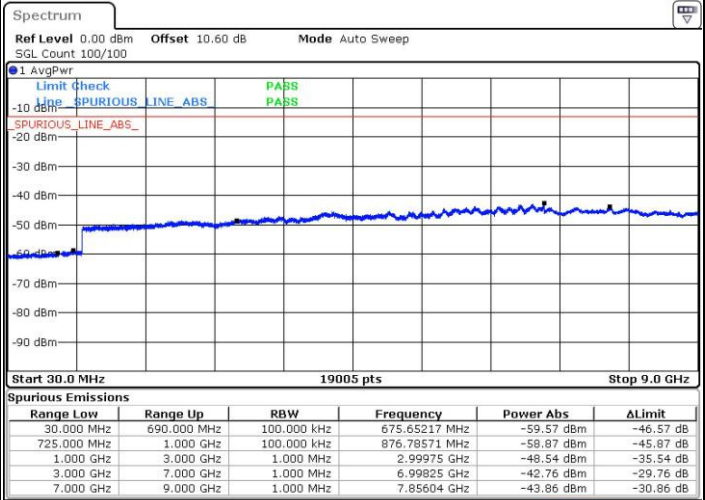
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



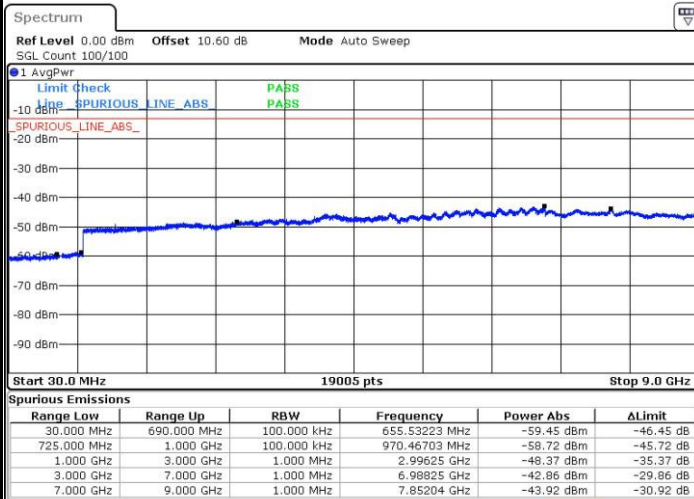
Date: 21 APR 2017 17:23:13

## Lowest Channel / 16QAM



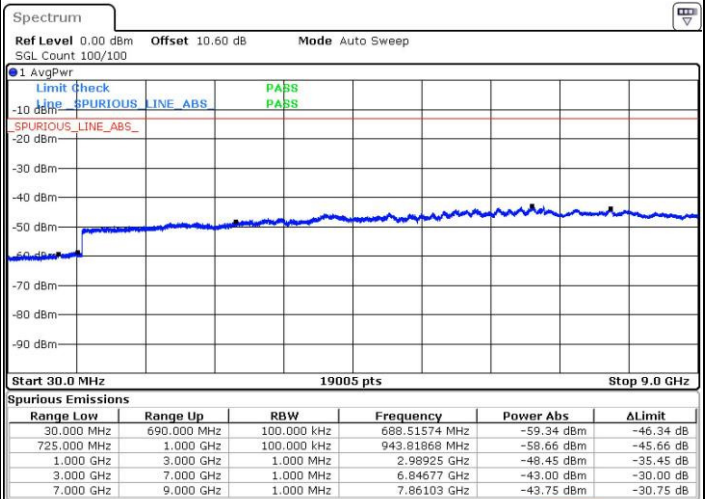
Date: 21 APR 2017 17:24:07

## Middle Channel / QPSK



Date: 21 APR 2017 17:25:43

## Middle Channel / 16QAM

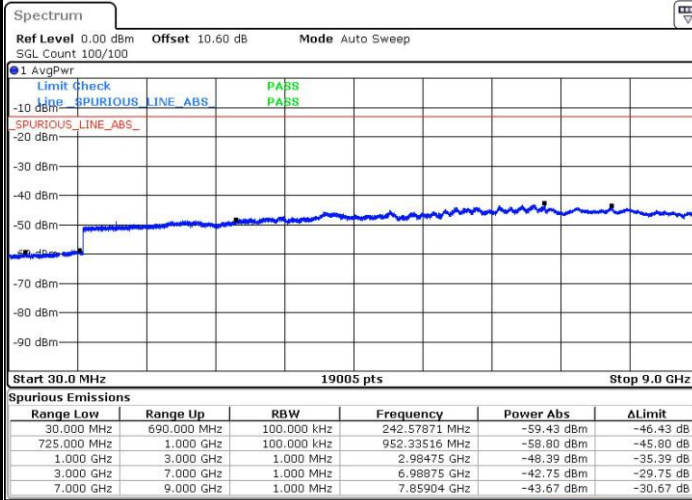


Date: 21 APR 2017 17:26:37



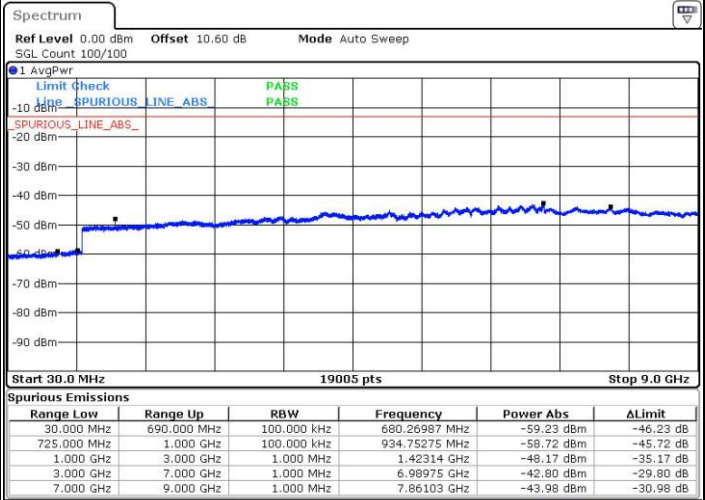
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 21 APR 2017 17:32:49

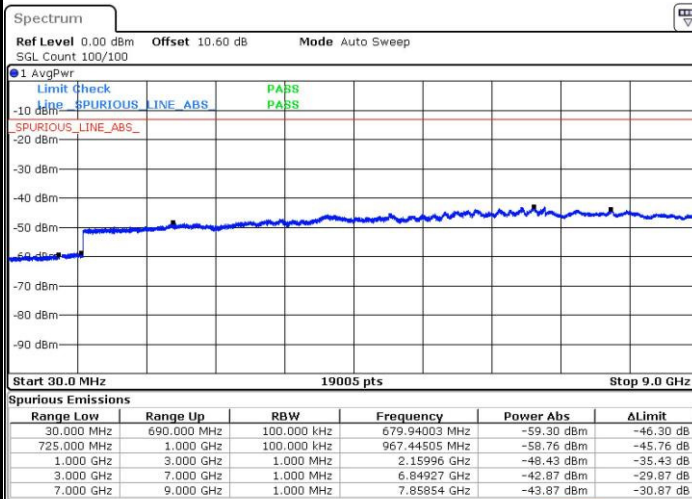
## Highest Channel / 16QAM



Date: 21 APR 2017 17:33:43

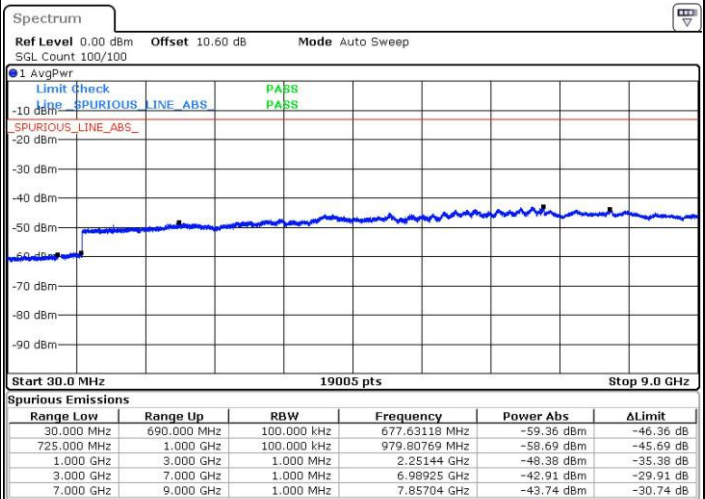
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 21 APR 2017 17:39:55

## Lowest Channel / 16QAM

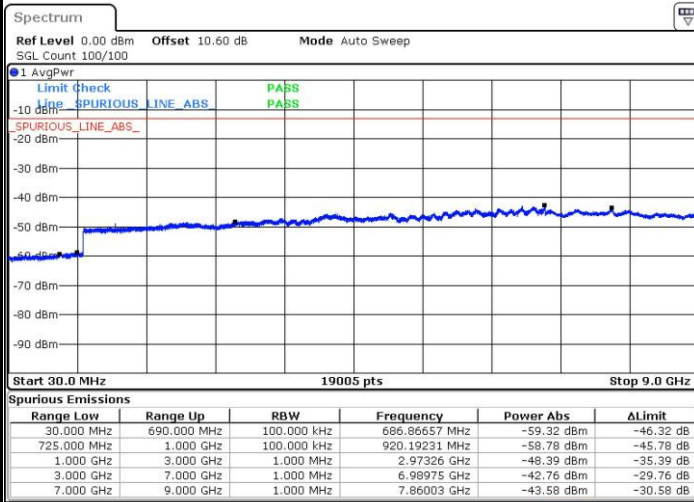


Date: 21 APR 2017 17:40:49



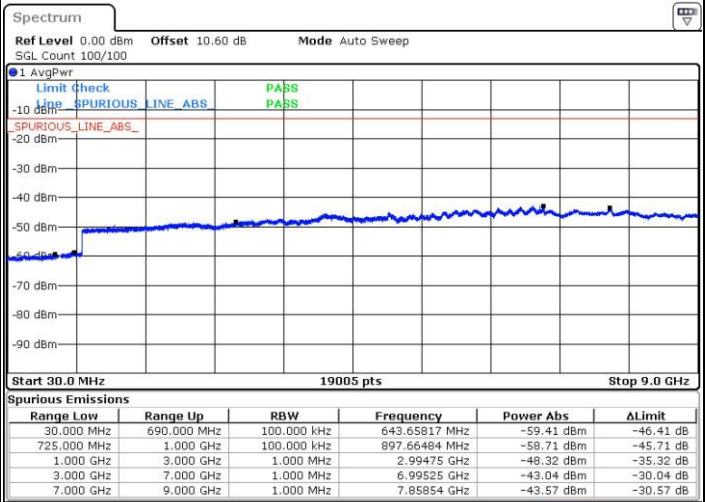
## LTE Band 17 / 10MHz

## Middle Channel / QPSK



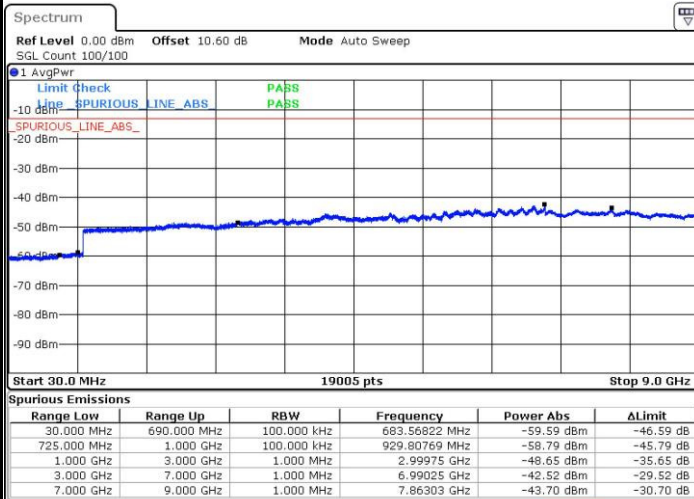
Date: 21 APR 2017 17:42:25

## Middle Channel / 16QAM



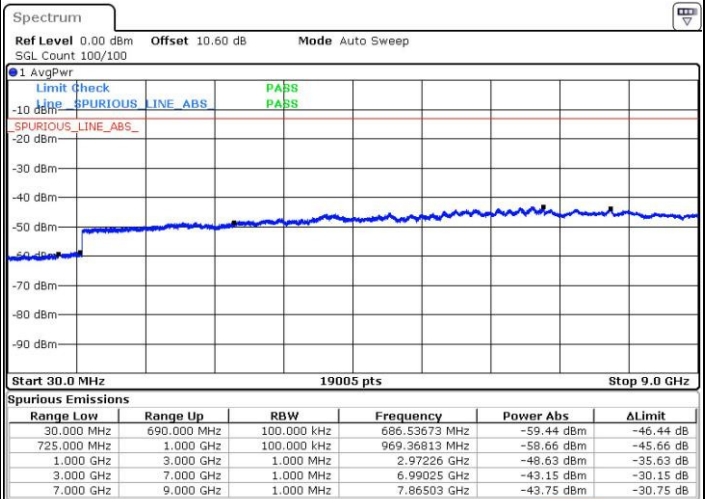
Date: 21 APR 2017 17:43:19

## Highest Channel / QPSK



Date: 21 APR 2017 17:49:30

## Highest Channel / 16QAM

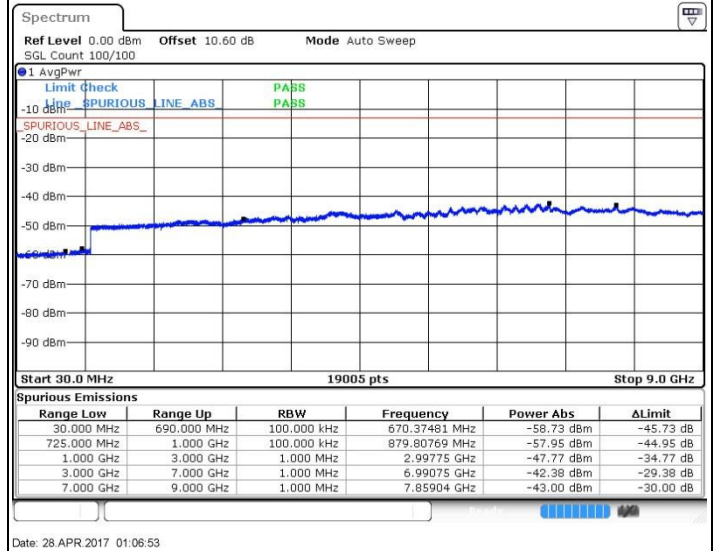


Date: 21 APR 2017 17:50:24

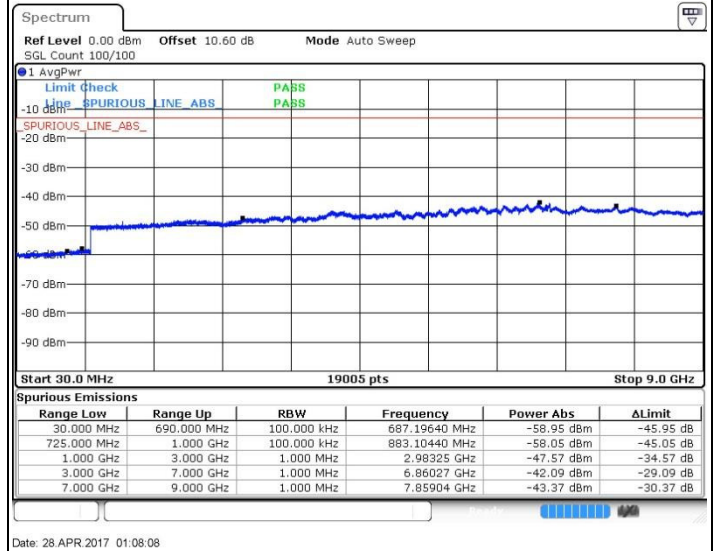


LTE Band 17 / 5MHz

Lowest Channel / 64QAM



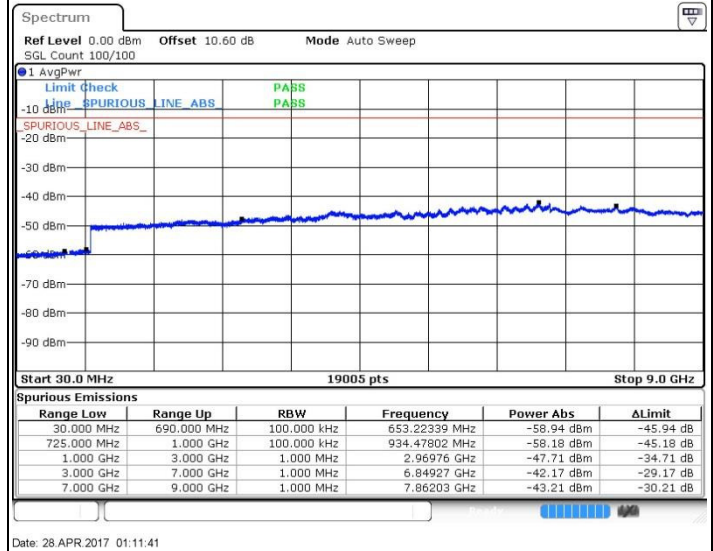
Middle Channel / 64QAM





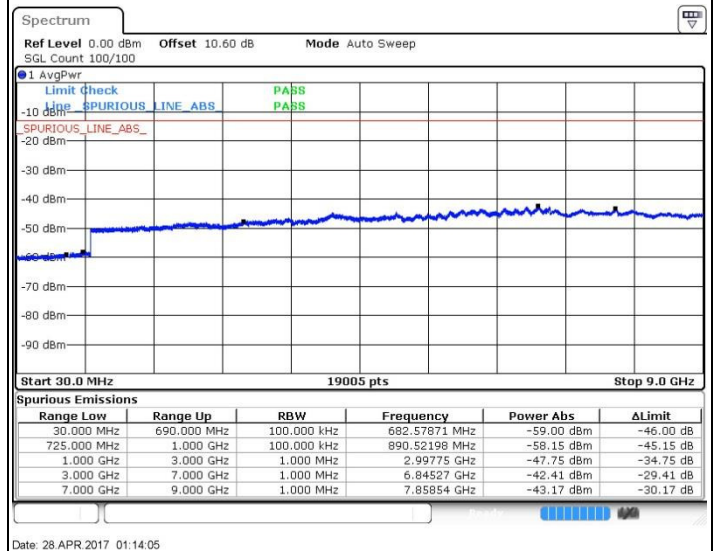
LTE Band 17 / 5MHz

Highest Channel / 64QAM



LTE Band 17 / 10MHz

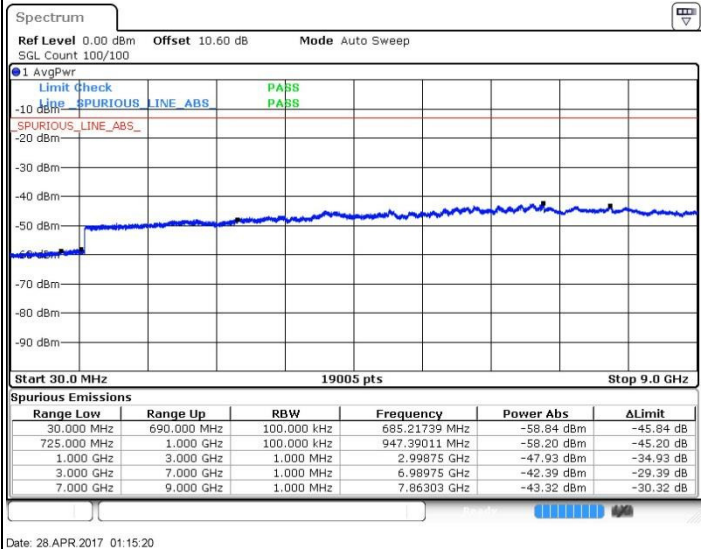
Lowest Channel / 64QAM



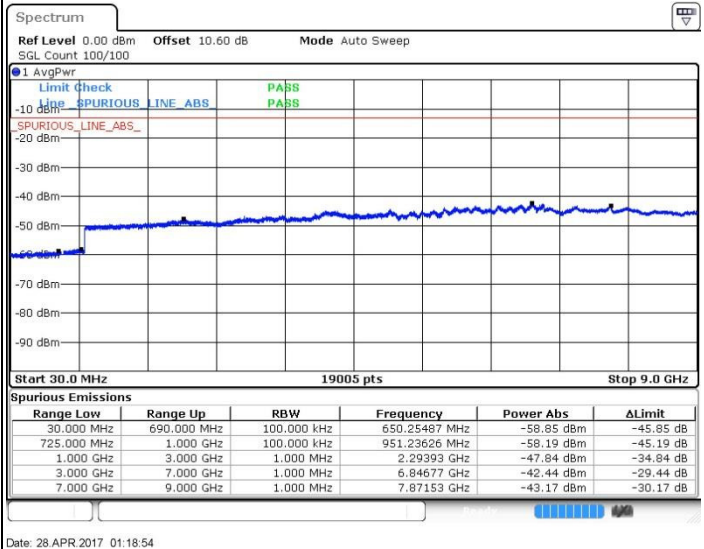


## LTE Band 17 / 10MHz

## Middle Channel / 64QAM



## Highest Channel / 64QAM



## Frequency Stability

| Test Conditions  |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0094                              | PASS    |
| 40               | Normal Voltage    | 0.0104                              |         |
| 30               | Normal Voltage    | 0.0035                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0108                              |         |
| 0                | Normal Voltage    | 0.0093                              |         |
| -10              | Normal Voltage    | 0.0087                              |         |
| -20              | Normal Voltage    | 0.0015                              |         |
| -30              | Normal Voltage    | 0.0087                              |         |
| 20               | Maximum Voltage   | 0.0080                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0092                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 26\_Part 22H

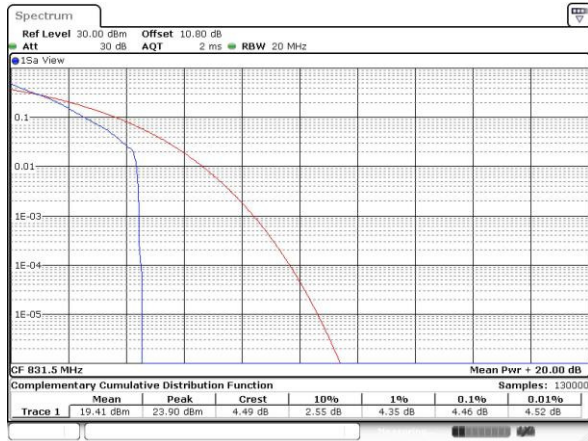
**Peak-to-Average Ratio**

| Mode       | LTE Band 26 / 15MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 4.46                | 5.22    | 5.1   | 6.06    | PASS        |
| Middle CH  | 4.58                | 5.36    | 5.54  | 6.14    |             |
| Highest CH | 4.84                | 5.28    | 5.62  | 6.09    |             |
| Mod.       | -                   |         | 64QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | -                   | -       | 5.01  | 6.12    | PASS        |
| Middle CH  | -                   | -       | 5.36  | 6.06    |             |
| Highest CH | -                   | -       | 5.42  | 6.09    |             |

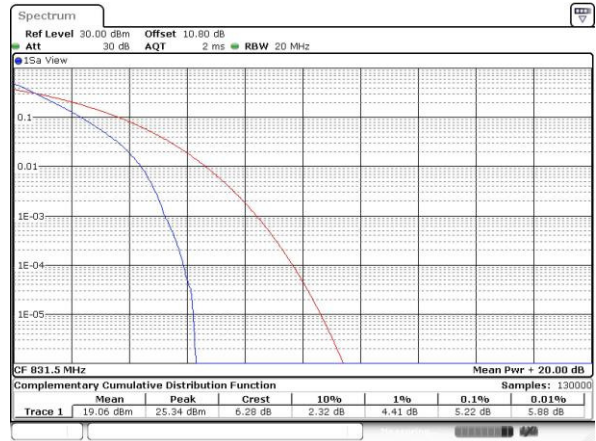


## LTE Band 26 / 15MHz / QPSK

## Lowest Channel / 1RB



## Lowest Channel / Full RB



## Middle Channel / 1RB



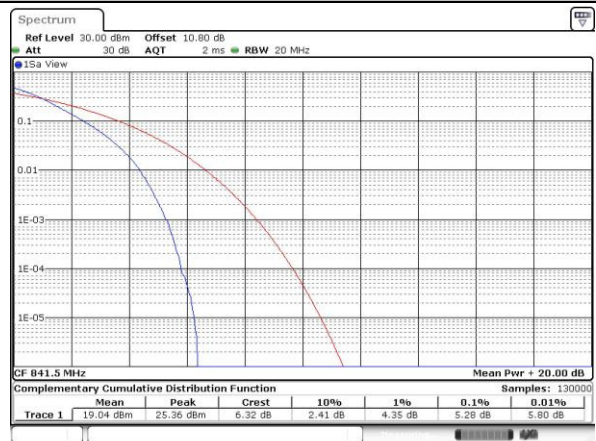
## Middle Channel / Full RB



## Highest Channel / 1RB



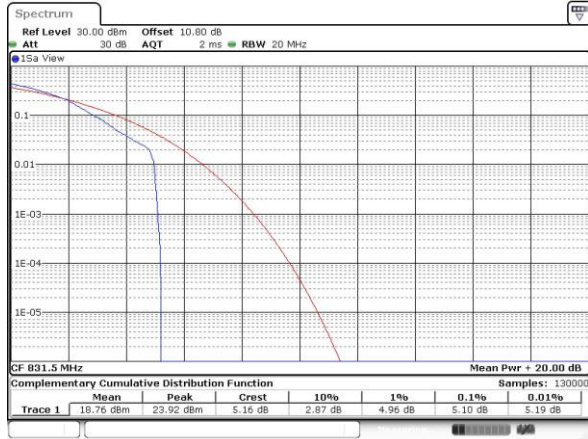
## Highest Channel / Full RB



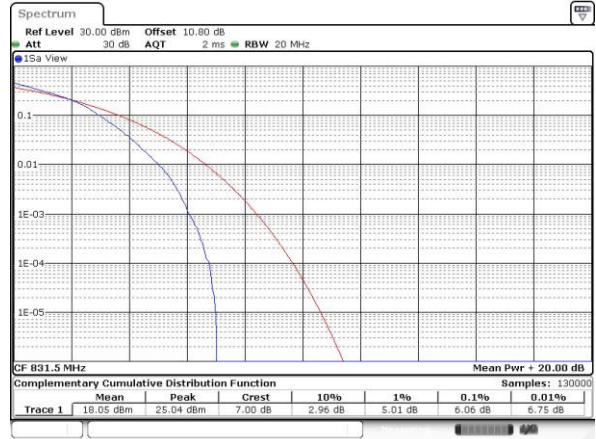


## LTE Band 26 / 15MHz / 16QAM

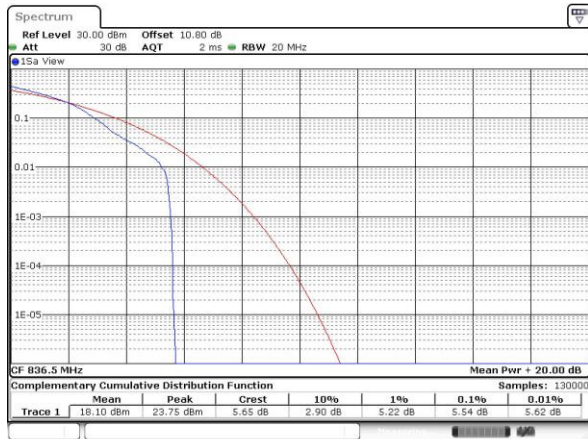
## Lowest Channel / 1RB



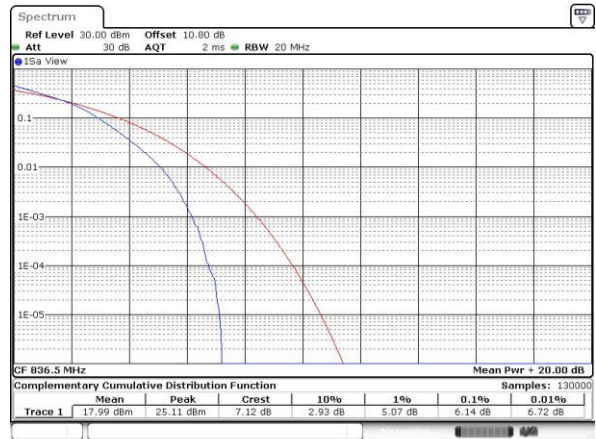
## Lowest Channel / Full RB



## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



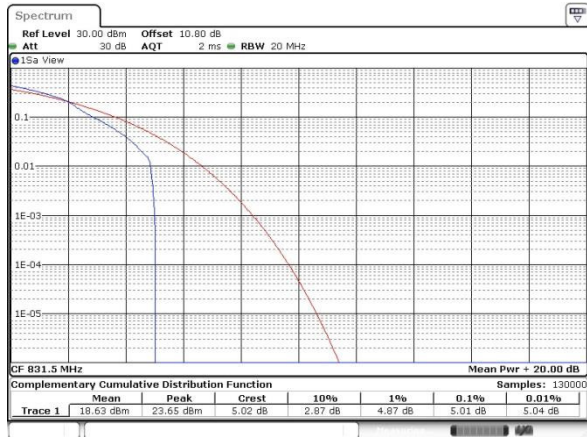
## Highest Channel / Full RB



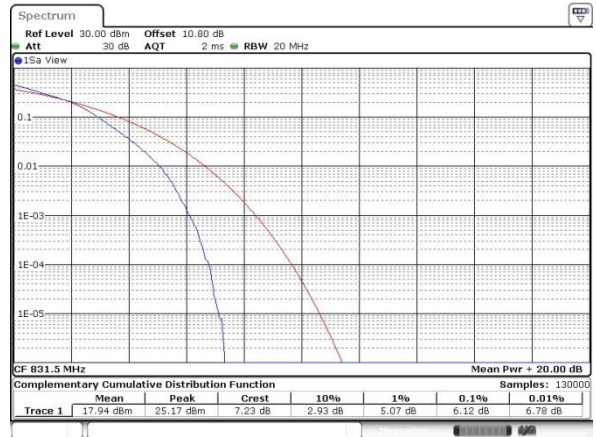


## LTE Band 26 / 15MHz / 64QAM

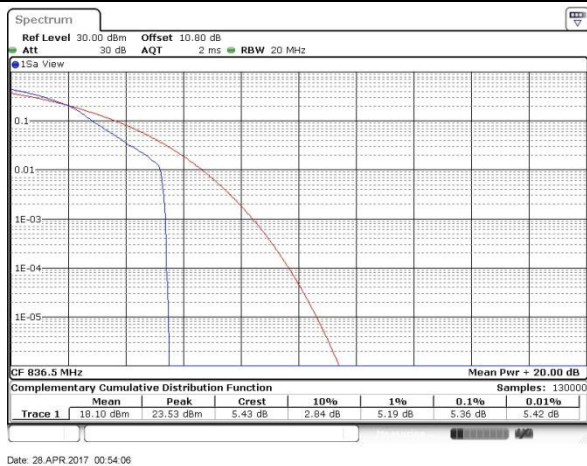
## Lowest Channel / 1RB



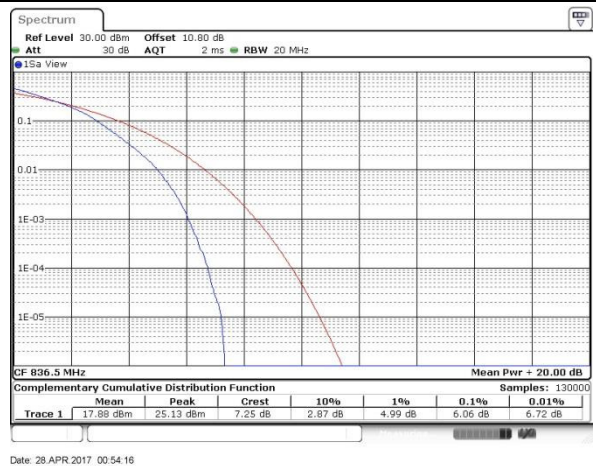
## Lowest Channel / Full RB



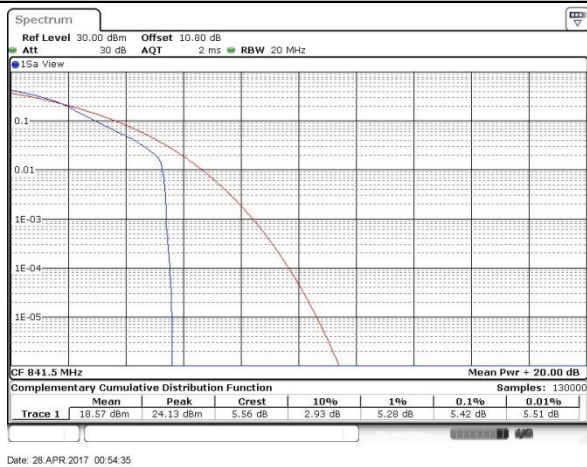
## Middle Channel / 1RB



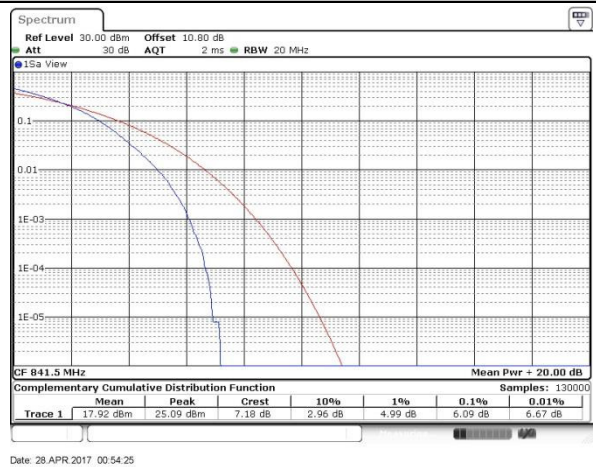
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



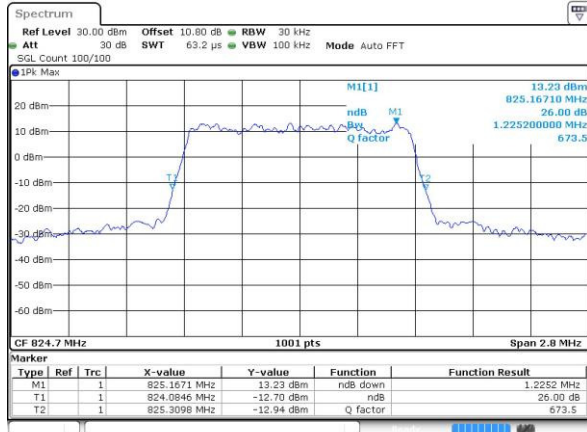
**26dB Bandwidth**

| Mode       | LTE Band 26 : 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  | 1.225                      | 1.234 | 3.039 | 3.033 | 4.905 | 4.825 | 9.73  | 9.83  | 14.266 | 14.476 | -     | -     |
| Middle CH  | 1.231                      | 1.217 | 3.033 | 2.991 | 4.855 | 4.875 | 9.71  | 9.89  | 14.386 | 14.565 | -     | -     |
| Highest CH | 1.228                      | 1.228 | 3.009 | 2.979 | 4.955 | 4.955 | 9.77  | 9.75  | 14.476 | 14.476 | -     | -     |
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz  |        | 20MHz |       |
| Mod.       | -                          | 64QAM | -     | 64QAM | -     | 64QAM | -     | 64QAM | -      | 64QAM  | -     | 64QAM |
| Lowest CH  | -                          | 1.225 | -     | 3.033 | -     | 4.885 | -     | 9.81  | -      | 14.505 | -     | -     |
| Middle CH  | -                          | 1.217 | -     | 3.039 | -     | 4.865 | -     | 9.91  | -      | 14.446 | -     | -     |
| Highest CH | -                          | 1.228 | -     | 3.081 | -     | 4.915 | -     | 9.69  | -      | 14.236 | -     | -     |

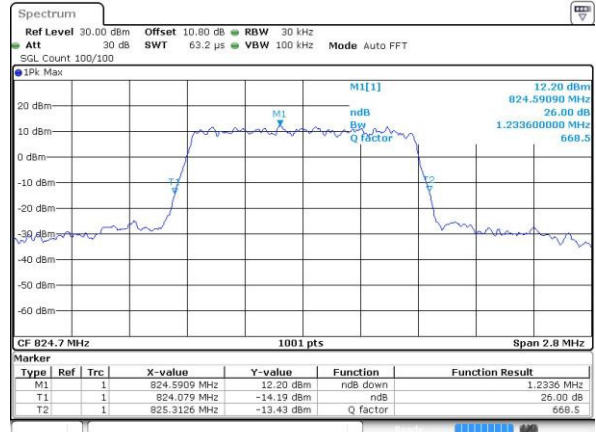


## LTE Band 26

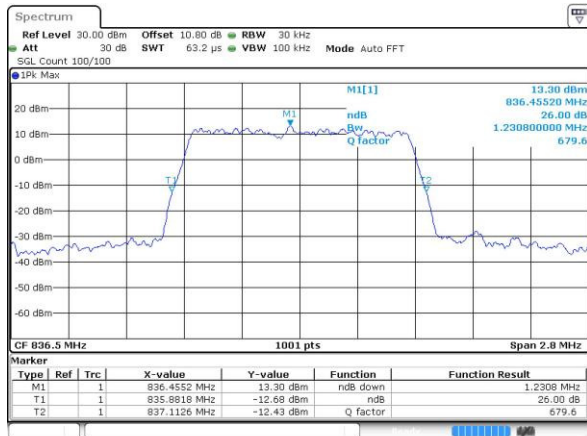
## Lowest Channel / 1.4MHz / QPSK



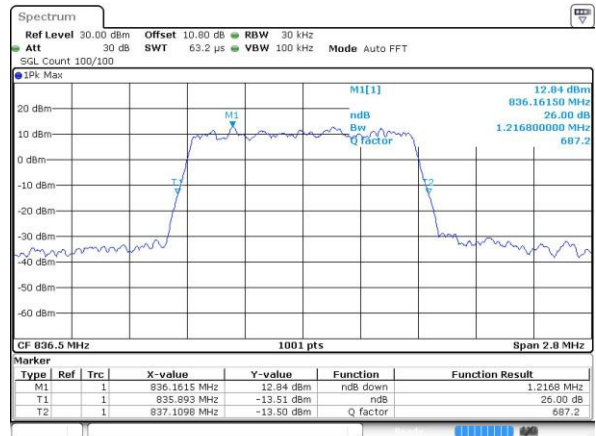
## Lowest Channel / 1.4MHz / 16QAM



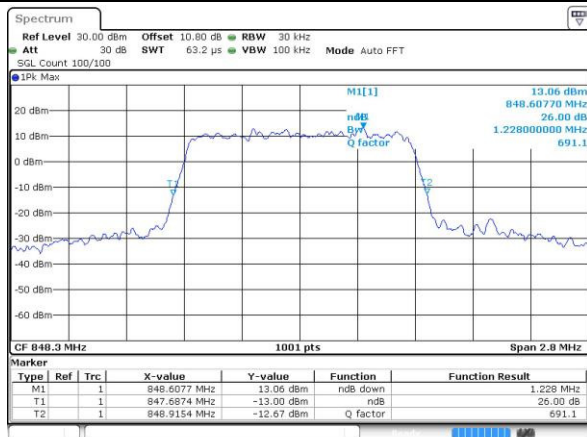
## Middle Channel / 1.4MHz / QPSK



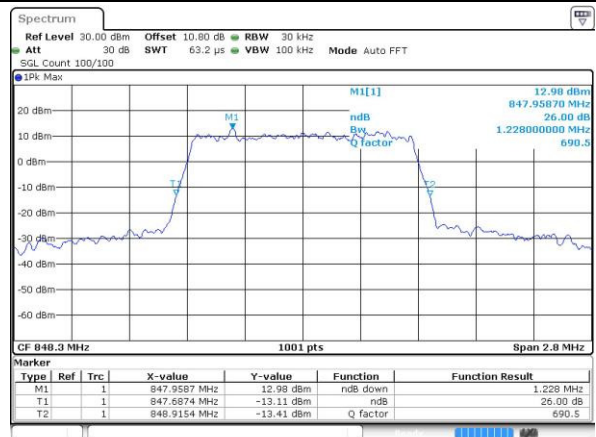
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



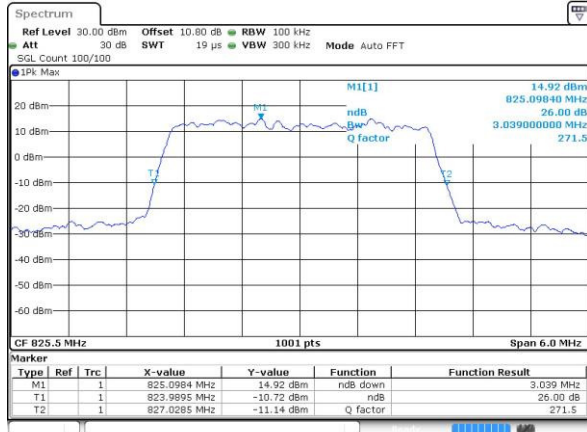
## Highest Channel / 1.4MHz / 16QAM





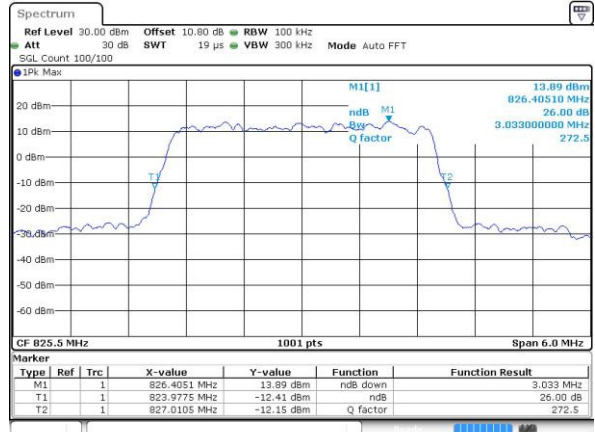
## LTE Band 26

## Lowest Channel / 3MHz / QPSK



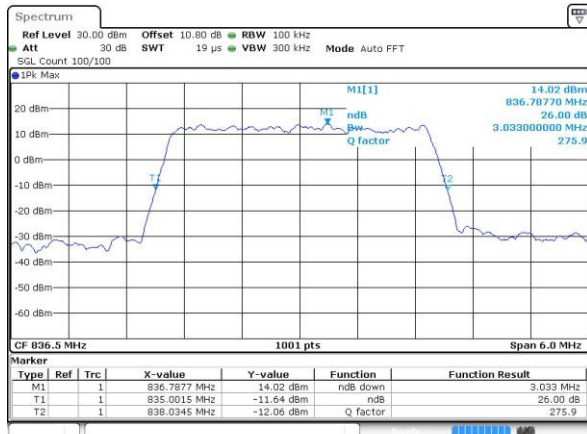
Date: 20 APR 2017 20:32:55

## Lowest Channel / 3MHz / 16QAM



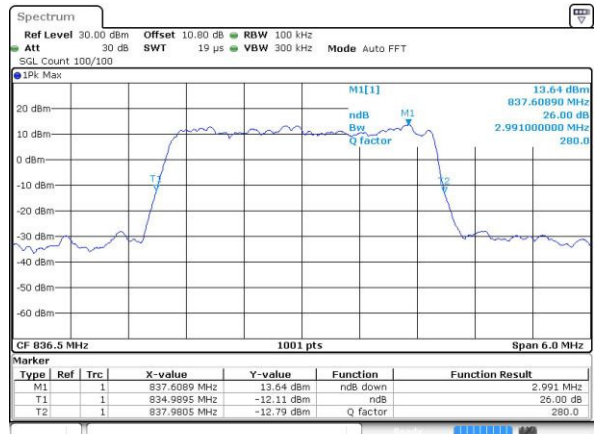
Date: 20 APR 2017 20:32:45

## Middle Channel / 3MHz / QPSK



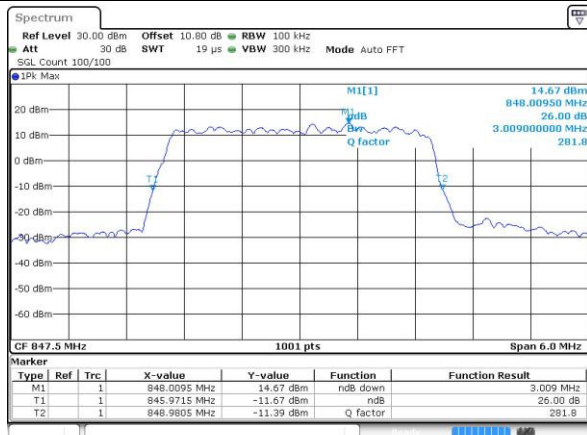
Date: 20 APR 2017 20:40:02

## Middle Channel / 3MHz / 16QAM



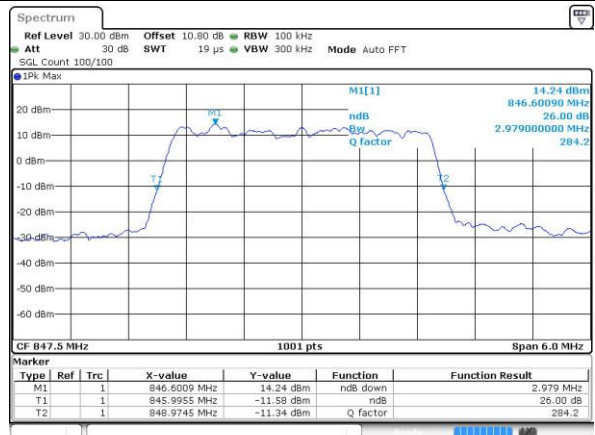
Date: 20 APR 2017 20:39:51

## Highest Channel / 3MHz / QPSK



Date: 20 APR 2017 20:42:32

## Highest Channel / 3MHz / 16QAM



Date: 20 APR 2017 20:42:21