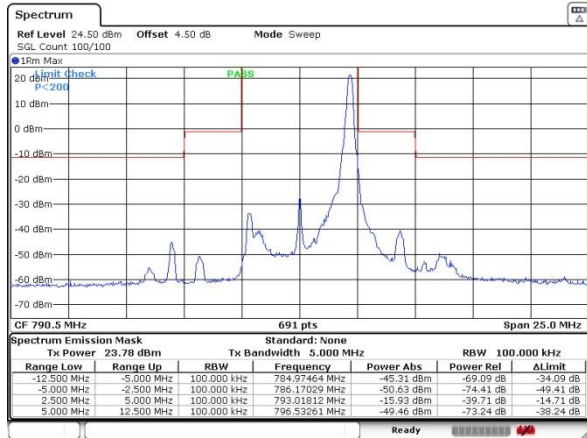


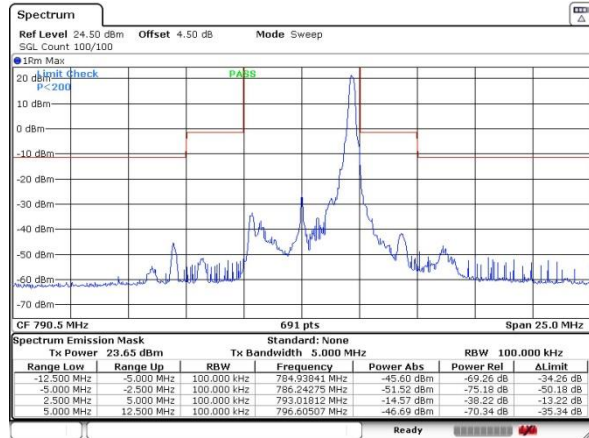
LTE Band 14/ 5M(1RBmax)

Lowest Channel / 5MHz / QPSK



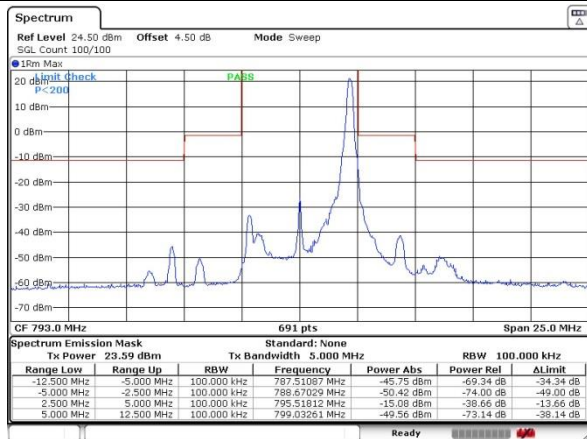
Date: 9 MAY 2019 19:05:00

Lowest Channel / 5MHz / 16QAM



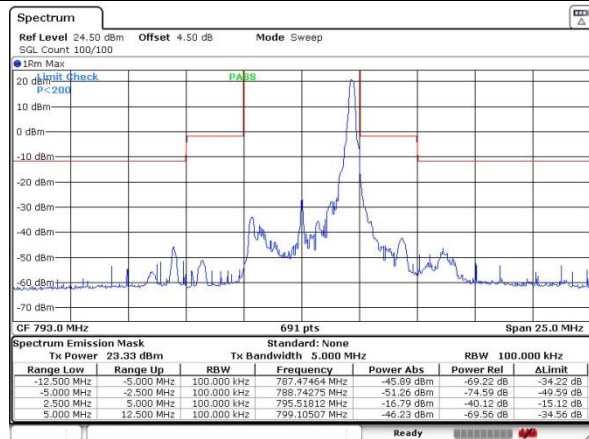
Date: 9 MAY 2019 19:05:29

Middle Channel / 5MHz / QPSK



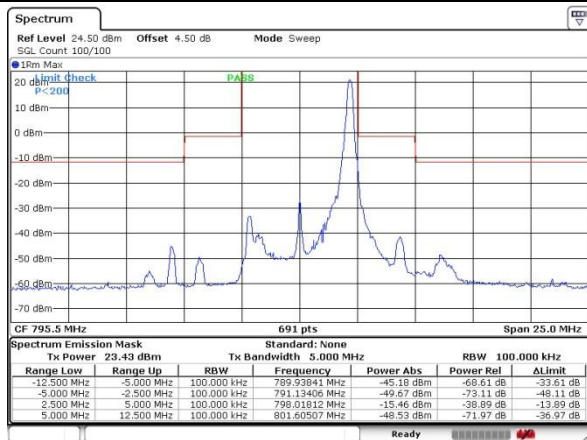
Date: 9 MAY 2019 19:10:08

Middle Channel / 5MHz / 16QAM



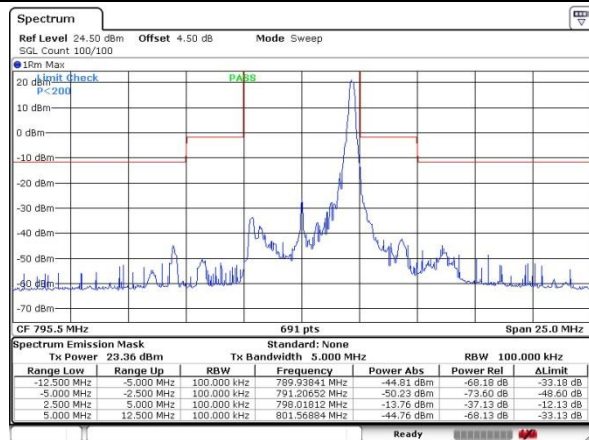
Date: 9 MAY 2019 19:10:35

Highest Channel / 5MHz / QPSK



Date: 9 MAY 2019 19:16:53

Highest Channel / 5MHz / 16QAM

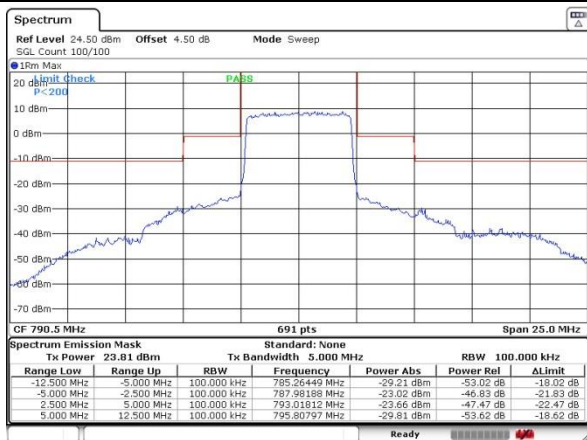


Date: 9 MAY 2019 19:17:30



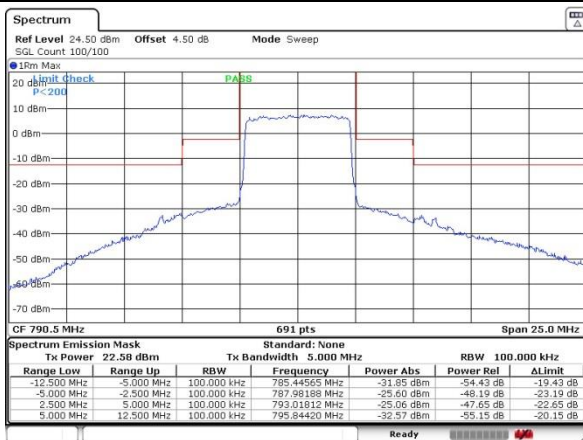
## LTE Band 14/ 5M(fullRB0)

## Lowest Channel / 5MHz / QPSK



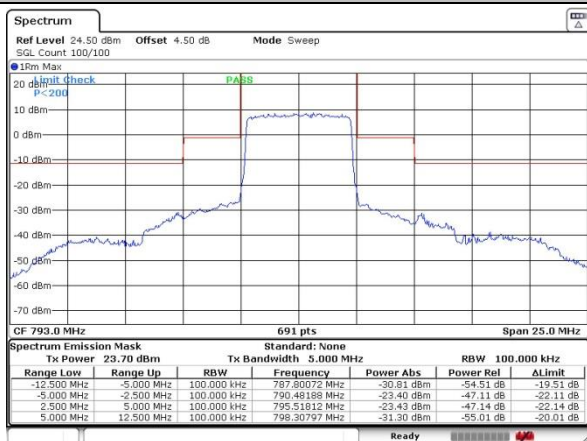
Date: 9 MAY 2019 19:06:29

## Lowest Channel / 5MHz / 16QAM



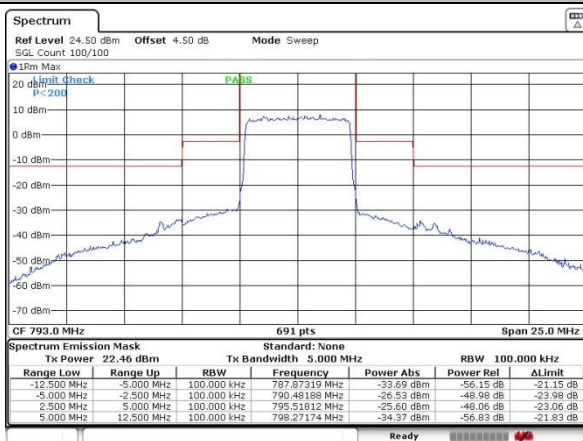
Date: 9 MAY 2019 19:07:00

## Middle Channel / 5MHz / QPSK



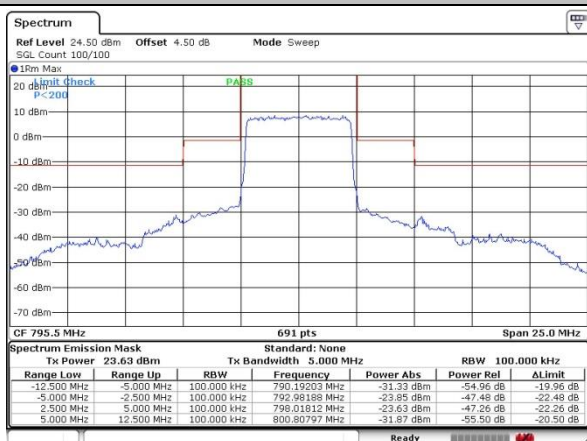
Date: 9 MAY 2019 19:11:37

## Middle Channel / 5MHz / 16QAM



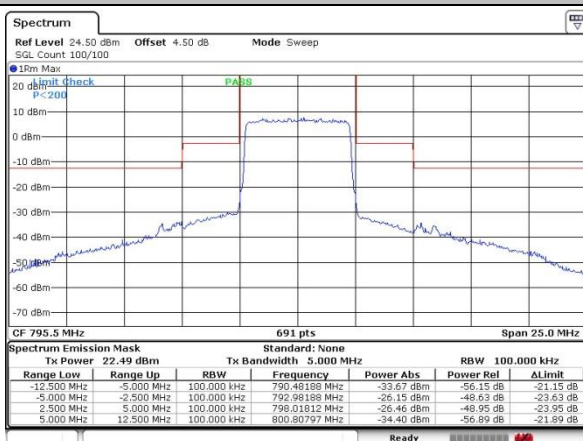
Date: 9 MAY 2019 19:12:05

## Highest Channel / 5MHz / QPSK



Date: 9 MAY 2019 19:18:29

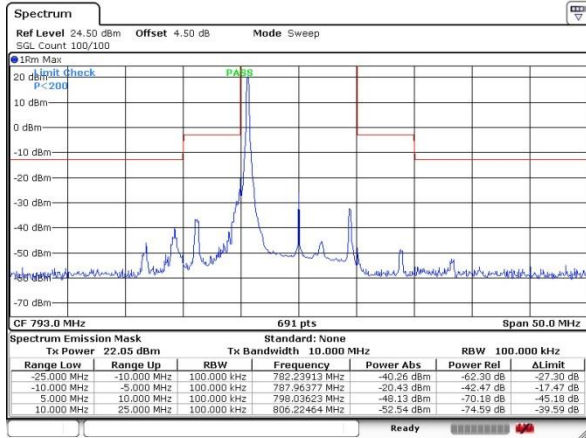
## Highest Channel / 5MHz / 16QAM



Date: 9 MAY 2019 19:19:00

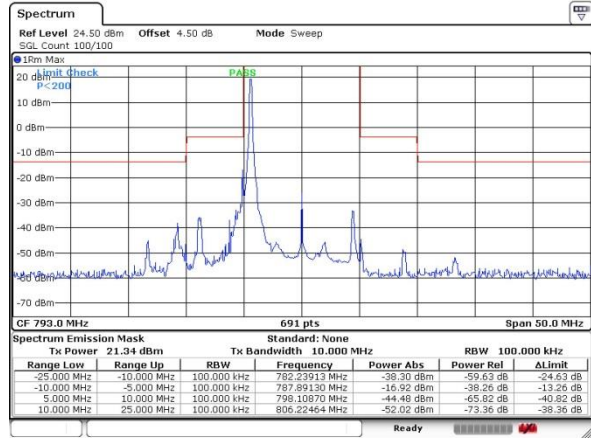
## LTE Band 14/ 10MHz

### Middle Channel / 1RB0 / QPSK



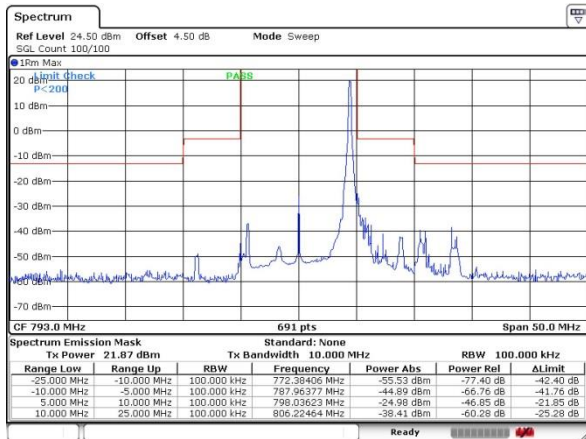
Date: 9 MAY 2019 12:03:06

### Middle Channel / 1RB0 / 16QAM



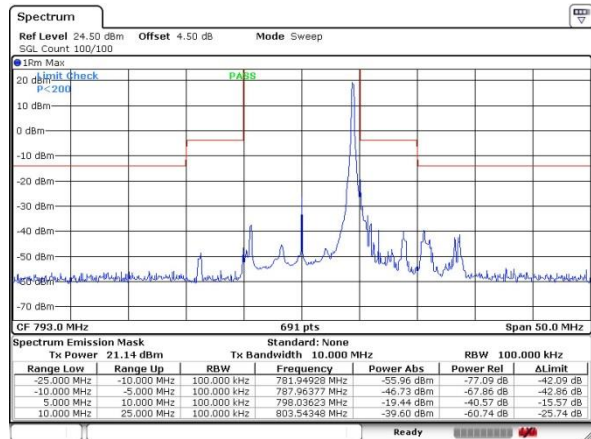
Date: 9 MAY 2019 12:02:28

### Middle Channel / 1RBmax / QPSK



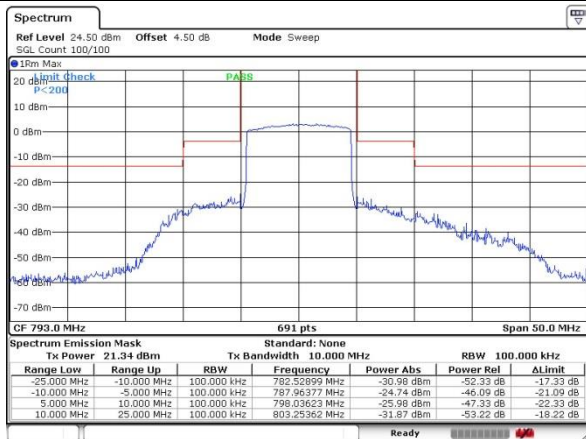
Date: 9 MAY 2019 13:40:24

### Middle Channel / 1RBmax / 16QAM



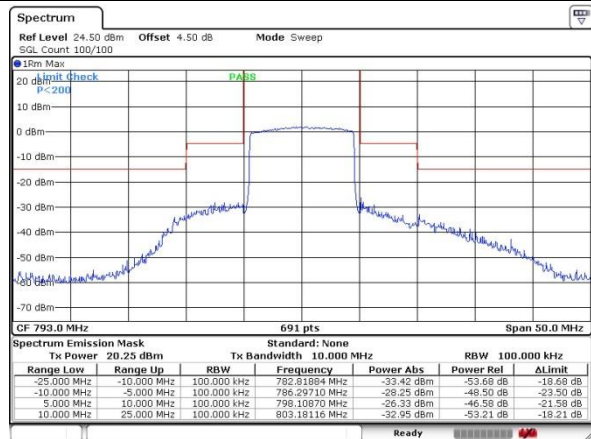
Date: 9 MAY 2019 13:41:16

### Middle Channel / fullRB0 / QPSK



Date: 9 MAY 2019 11:58:49

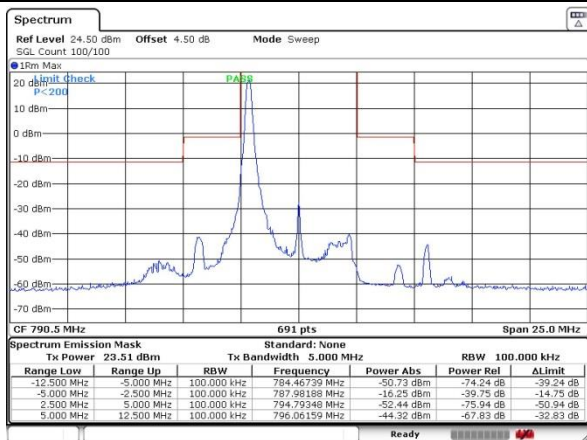
### Middle Channel / fullRB0 / 16QAM



Date: 9 MAY 2019 12:00:08

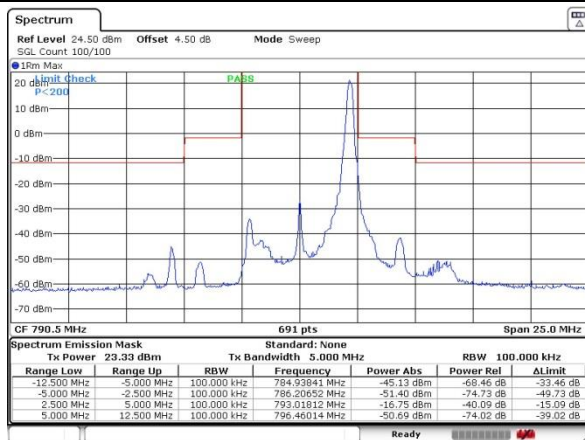
## LTE Band 14/ 5M

### Lowest Channel / 5MHz / 64QAM(1RB0)



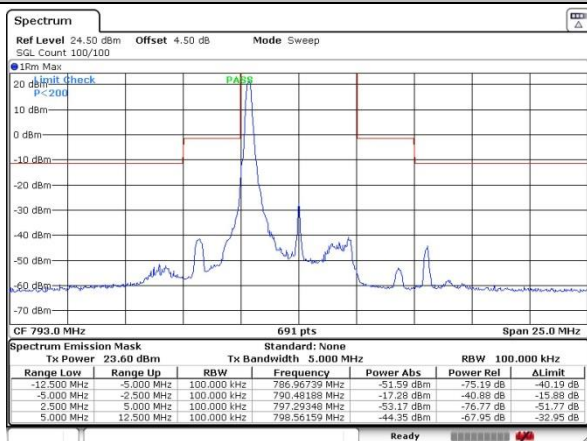
Date: 9 MAY 2019 19:04:27

### Lowest Channel / 5MHz / 64QAM(1RBMAX)



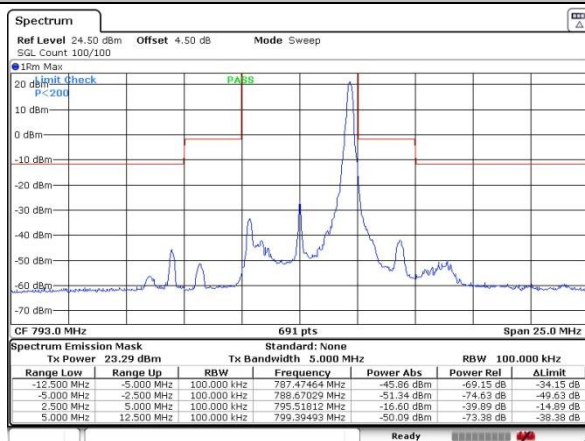
Date: 9 MAY 2019 19:05:55

### Middle Channel / 5MHz / 64QAM(1RB0)



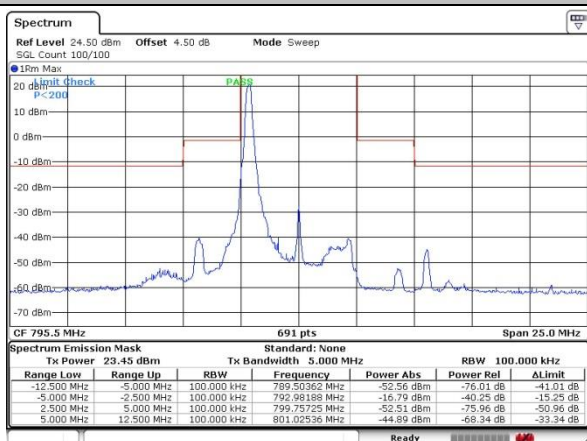
Date: 9 MAY 2019 19:08:38

### Middle Channel / 5MHz / 64QAM(1RBMAX)



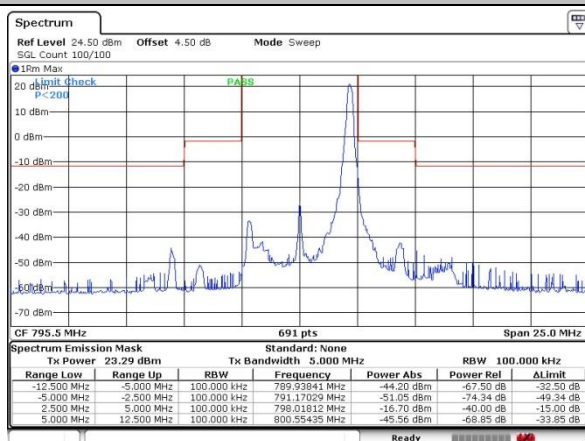
Date: 9 MAY 2019 19:11:04

### Highest Channel / 5MHz / 64QAM(1RB0)



Date: 9 MAY 2019 19:16:13

### Highest Channel / 5MHz / 64QAM(1RBMAX)

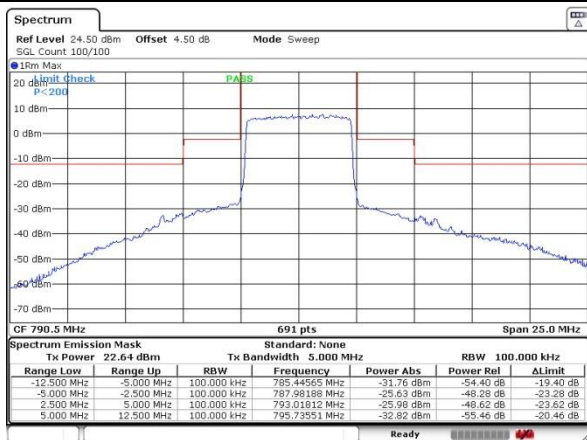


Date: 9 MAY 2019 19:17:56



## LTE Band 14/ 5M

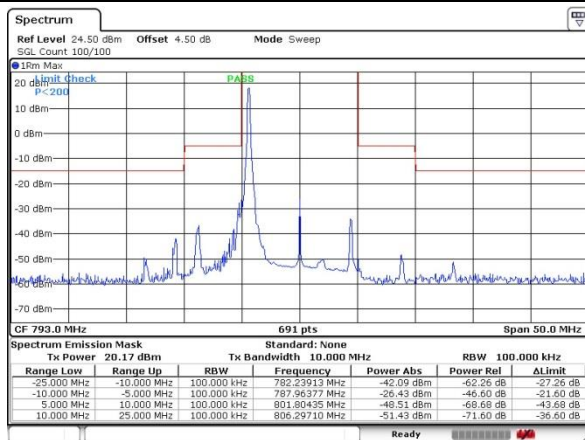
## Lowest Channel / 5MHz / 64QAM(FULLRB0)



Date: 9 MAY 2019 19:07:24

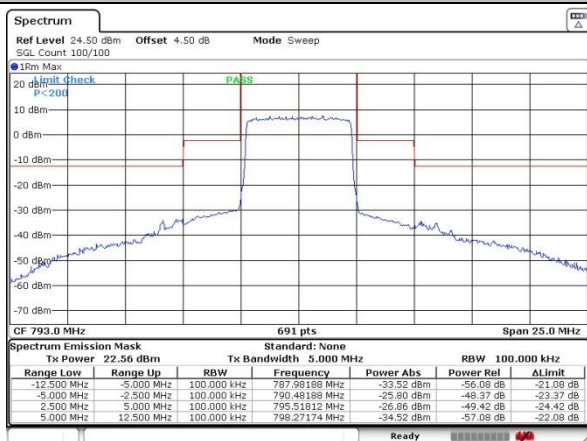
## LTE Band 14/ 10MHz

## Middle Channel / 1RB0 / 64QAM



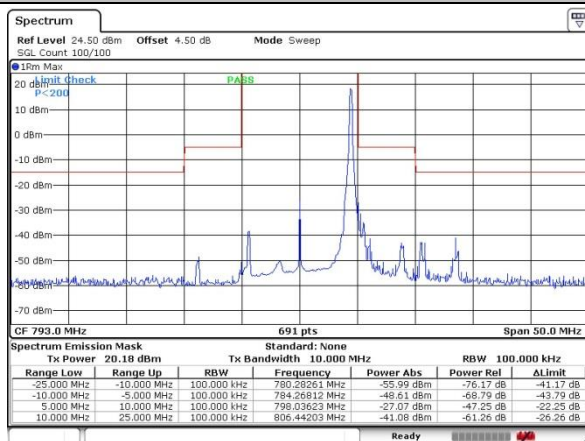
Date: 9 MAY 2019 12:01:45

## Middle Channel / 5MHz / 64QAM(FULLRB0)



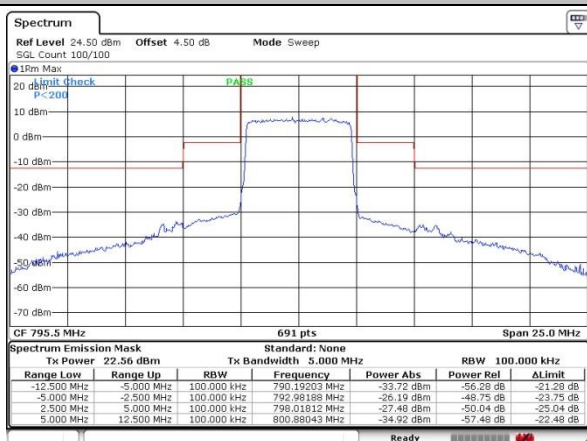
Date: 9 MAY 2019 19:12:31

## Middle Channel / 1RBmax / 64QAM



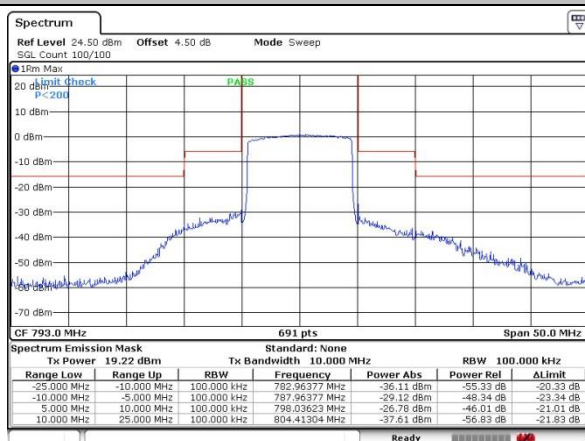
Date: 9 MAY 2019 13:41:59

## Highest Channel / 5MHz / 64QAM(FULLRB0)



Date: 9 MAY 2019 19:19:28

## Middle Channel / fullRB0 / 64QAM



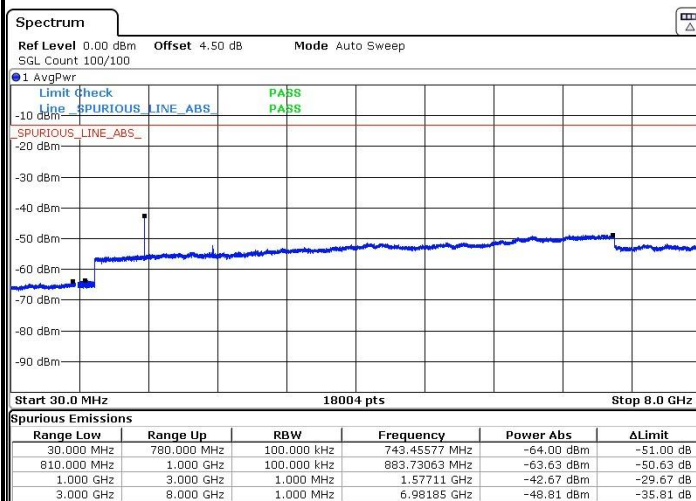
Date: 9 MAY 2019 12:00:57



# Conducted Spurious Emission

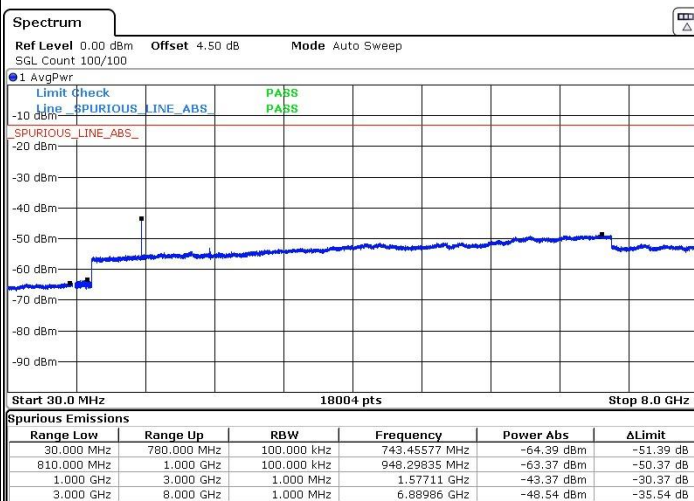
## LTE Band 14 / 5MHz

### Lowest Channel / QPSK



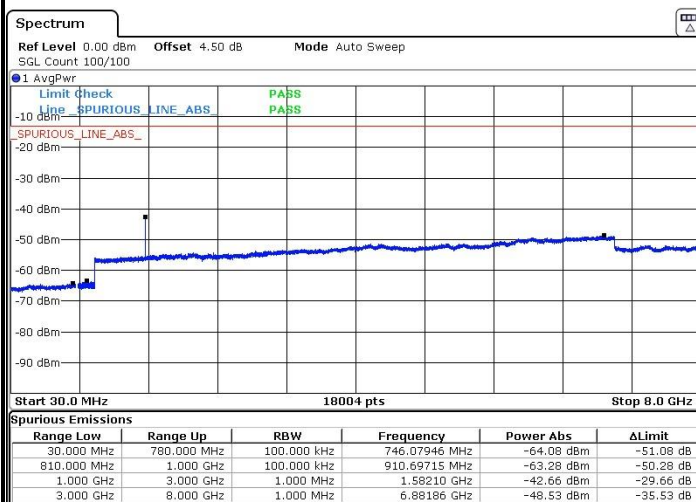
Date: 10 MAR 2019 16:53:01

### Lowest Channel / 16QAM



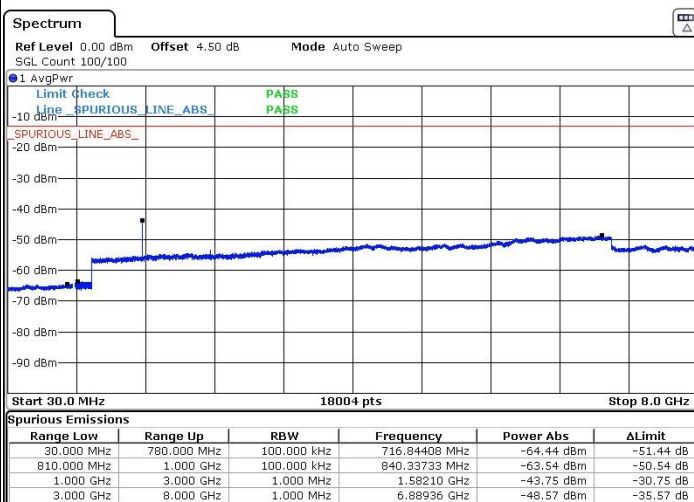
Date: 10 MAR 2019 16:54:46

### Middle Channel / QPSK



Date: 10 MAR 2019 16:56:35

### Middle Channel / 16QAM

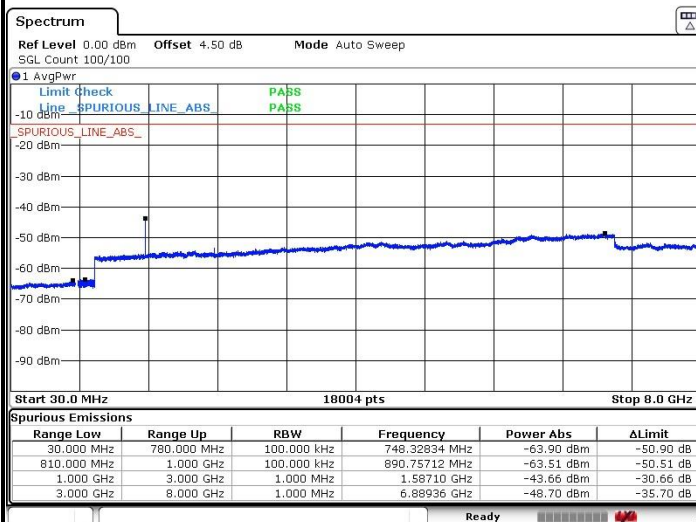


Date: 10 MAR 2019 16:57:20



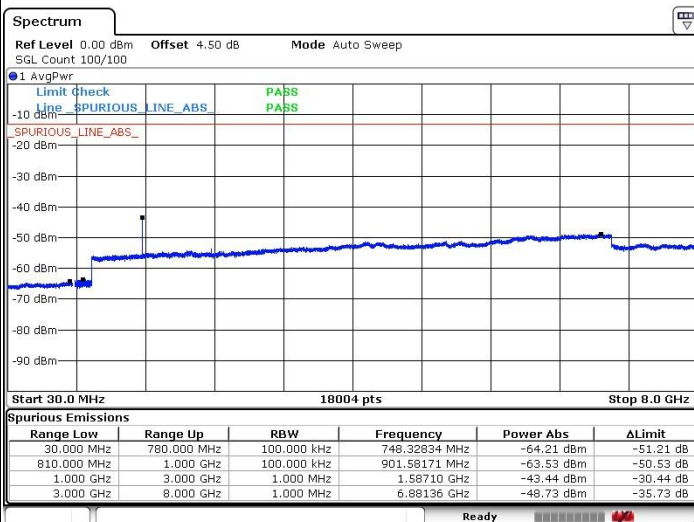
## LTE Band 14 / 5MHz

## Highest Channel / QPSK



Date: 10 MAR 2019 16:59:20

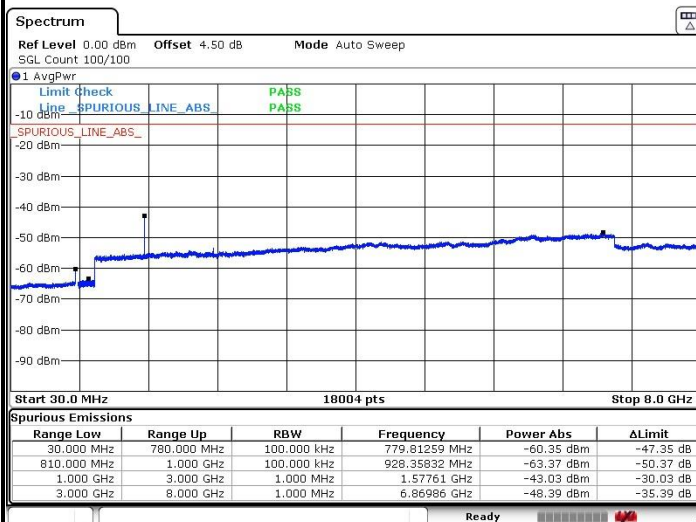
## Highest Channel / 16QAM



Date: 10 MAR 2019 17:00:20

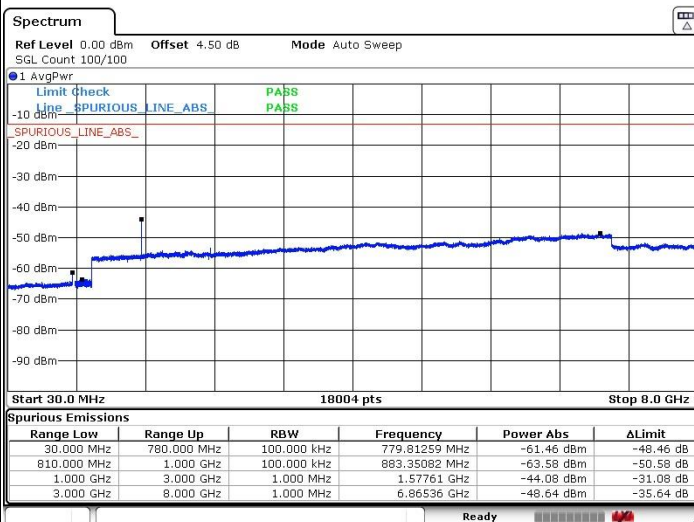
## LTE Band 14 / 10MHz

## Middle Channel / QPSK



Date: 10 MAR 2019 16:47:34

## Middle Channel / 16QAM

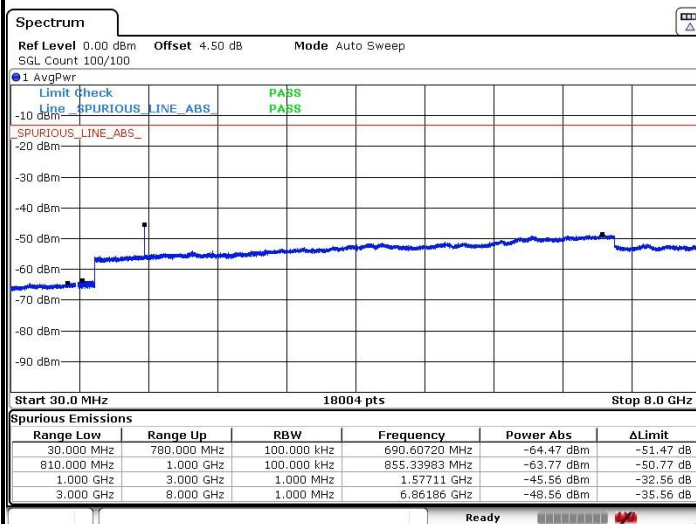


Date: 10 MAR 2019 16:48:06



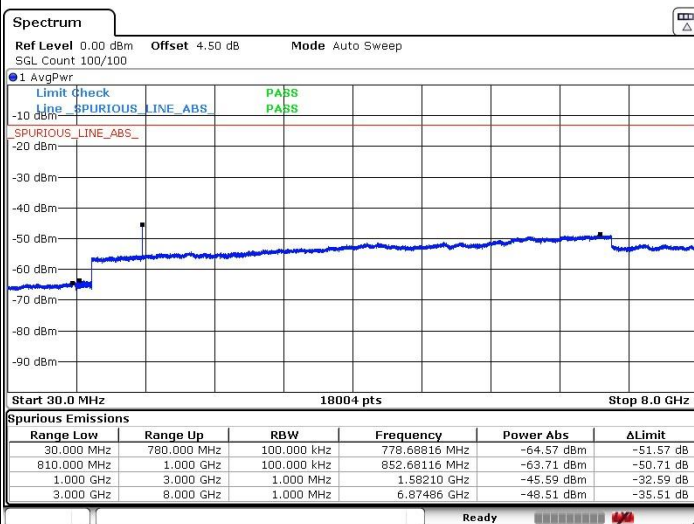
## LTE Band 14 / 5MHz

## Lowest Channel / 64QAM



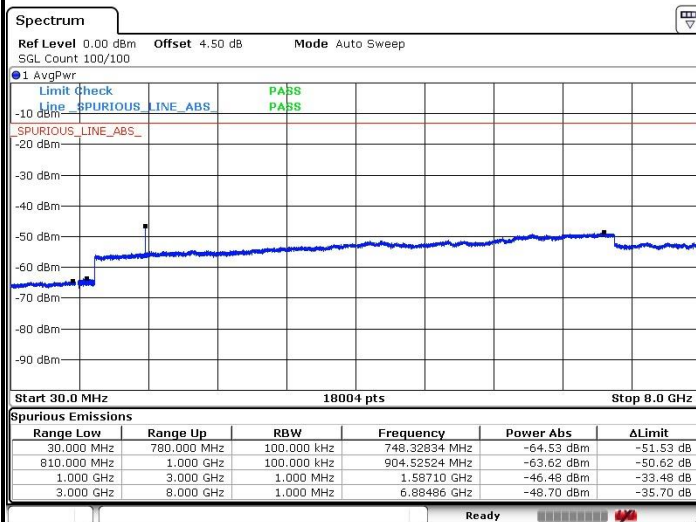
Date: 10 MAR 2019 16:55:28

## Middle Channel / 64QAM



Date: 10 MAR 2019 16:57:52

## Highest Channel / 64QAM

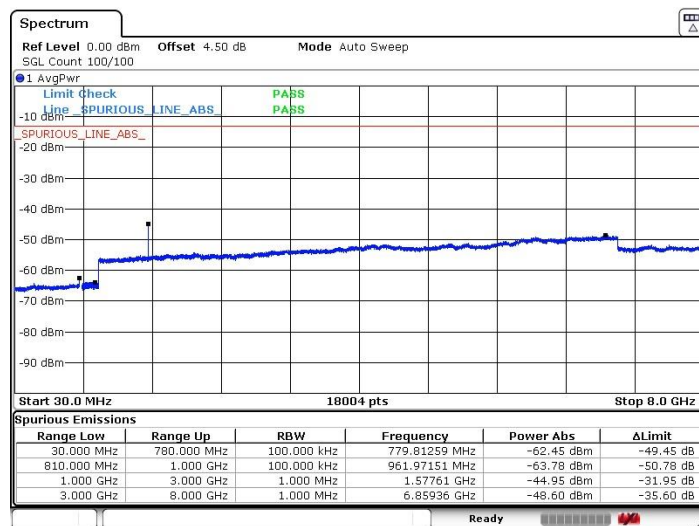


Date: 10 MAR 2019 17:01:06



LTE Band 14 / 10MHz

Middle Channel / 64QAM



Date: 10.MAR.2019 16:48:46

## Frequency Stability

| Test Conditions  |                   | LTE Band 14 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | 1.25ppm |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0004                              | PASS    |
| 40               | Normal Voltage    | 0.0022                              |         |
| 30               | Normal Voltage    | 0.0007                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0016                              |         |
| 0                | Normal Voltage    | 0.0009                              |         |
| -10              | Normal Voltage    | 0.0013                              |         |
| -20              | Normal Voltage    | 0.0025                              |         |
| -30              | Normal Voltage    | 0.0026                              |         |
| 20               | Maximum Voltage   | 0.0002                              |         |
| 20               | Normal Voltage    | 0.0007                              |         |
| 20               | Battery End Point | 0.0013                              |         |

**Note:** Normal Voltage =3.8V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.1 V.

## Appendix B. Test Results of Radiated Test

### Field Strength of Spurious Radiated

| LTE Band 14 / QPSK / RB Size 1 Offset 0                                                  |                   |             |               |                   |                    |                      |                       |                    |
|------------------------------------------------------------------------------------------|-------------------|-------------|---------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Bandwidth                                                                                | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| 5MHz (Lowest)                                                                            | 1576              | -68.47      | -42.15        | -26.32            | -70.18             | 2.23                 | 6.09                  | H                  |
|                                                                                          | 2366              | -66.18      | -13           | -53.18            | -68.86             | 2.83                 | 5.51                  | H                  |
|                                                                                          | 3156              | -65.29      | -13           | -52.29            | -69.38             | 3.21                 | 7.30                  | H                  |
|                                                                                          | 1576              | -68.56      | -42.15        | -26.41            | -70.27             | 2.23                 | 6.09                  | V                  |
|                                                                                          | 2366              | -66.80      | -13           | -53.80            | -69.48             | 2.83                 | 5.51                  | V                  |
|                                                                                          | 3156              | -65.65      | -13           | -52.65            | -69.74             | 3.21                 | 7.30                  | V                  |
| 5MHz (Middle)                                                                            | 1582              | -68.35      | -42.15        | -26.20            | -70.06             | 2.23                 | 6.09                  | H                  |
|                                                                                          | 2372              | -66.29      | -13           | -53.29            | -68.97             | 2.83                 | 5.51                  | H                  |
|                                                                                          | 3162              | -65.78      | -13           | -52.78            | -69.87             | 3.21                 | 7.30                  | H                  |
|                                                                                          | 1582              | -68.52      | -42.15        | -26.37            | -70.23             | 2.23                 | 6.09                  | V                  |
|                                                                                          | 2372              | -66.70      | -13           | -53.70            | -69.38             | 2.83                 | 5.51                  | V                  |
|                                                                                          | 3162              | -65.88      | -13           | -52.88            | -69.97             | 3.21                 | 7.30                  | V                  |
| 5MHz (Highest)                                                                           | 1586              | -68.79      | -42.15        | -26.64            | -70.50             | 2.23                 | 6.09                  | H                  |
|                                                                                          | 2380              | -66.18      | -13           | -53.18            | -68.86             | 2.83                 | 5.51                  | H                  |
|                                                                                          | 3174              | -65.41      | -13           | -52.41            | -69.50             | 3.21                 | 7.30                  | H                  |
|                                                                                          | 1586              | -68.34      | -42.15        | -26.19            | -70.05             | 2.23                 | 6.09                  | V                  |
|                                                                                          | 2380              | -66.36      | -13           | -53.36            | -69.04             | 2.83                 | 5.51                  | V                  |
|                                                                                          | 3174              | -65.72      | -13           | -52.72            | -69.81             | 3.21                 | 7.30                  | V                  |
| 10MHz                                                                                    | 1578              | -68.16      | -42.15        | -26.01            | -69.87             | 2.23                 | 6.09                  | H                  |
|                                                                                          | 2366              | -66.06      | -13           | -53.06            | -68.74             | 2.83                 | 5.51                  | H                  |
|                                                                                          | 3156              | -65.32      | -13           | -52.32            | -69.41             | 3.21                 | 7.30                  | H                  |
|                                                                                          | 1578              | -68.35      | -42.15        | -26.20            | -70.06             | 2.23                 | 6.09                  | V                  |
|                                                                                          | 2366              | -66.34      | -13           | -53.34            | -69.02             | 2.83                 | 5.51                  | V                  |
|                                                                                          | 3156              | -65.36      | -13           | -52.36            | -69.45             | 3.21                 | 7.30                  | V                  |
| Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line. |                   |             |               |                   |                    |                      |                       |                    |
| Test Result                                                                              |                   |             |               |                   | PASS               |                      |                       |                    |