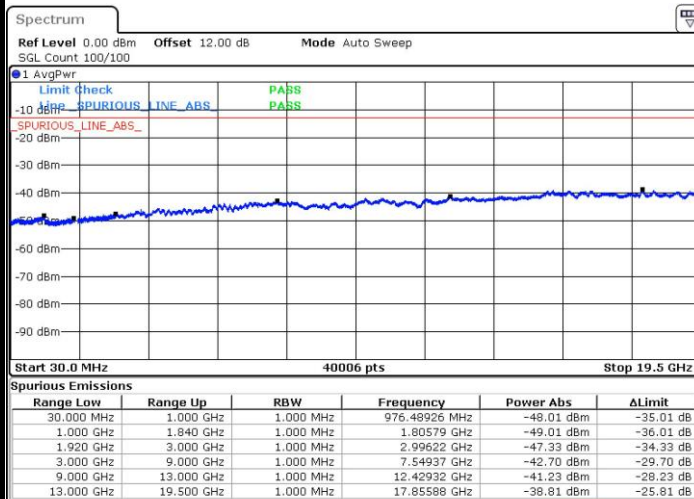
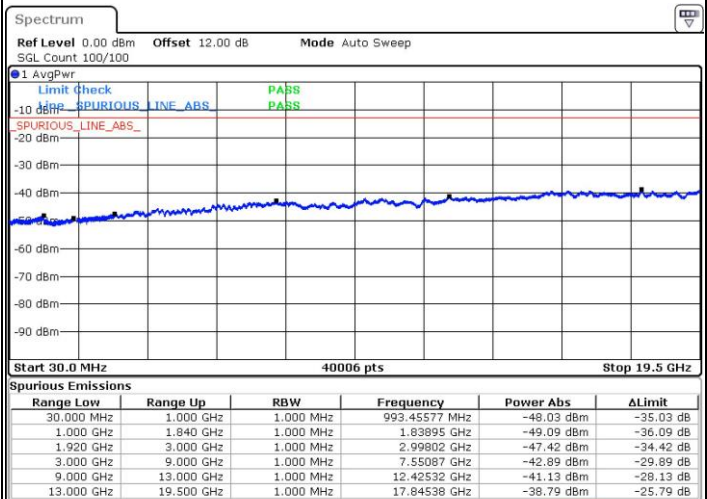
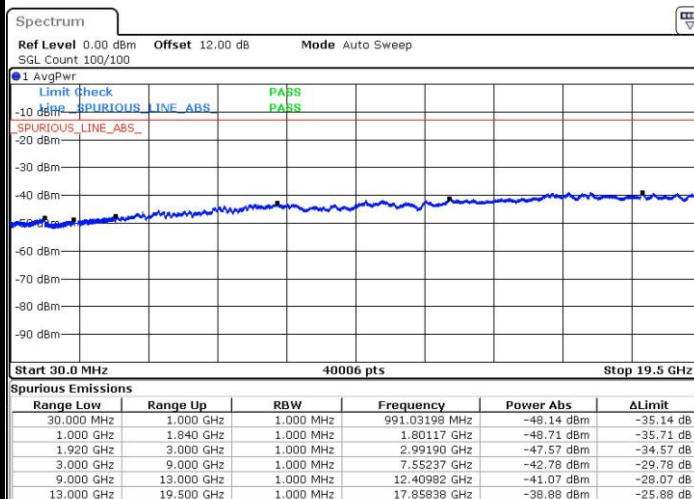


**Conducted Spurious Emission****LTE Band 25 / 1.4MHz****Lowest Channel / QPSK**

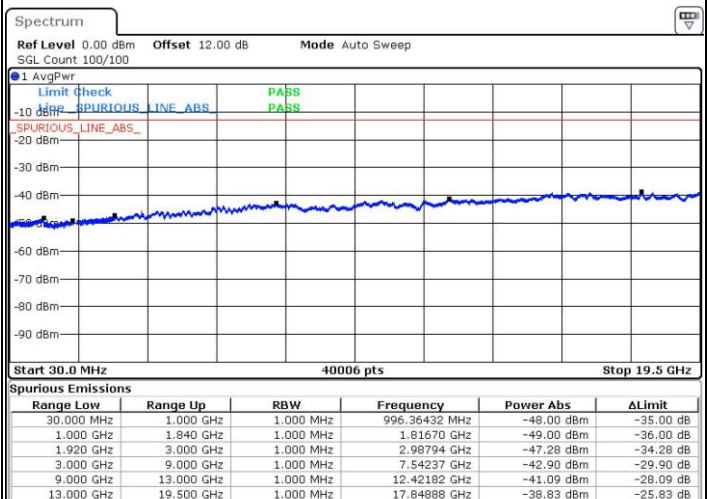
Date: 26 MAR 2019 10:53:32

**Lowest Channel / 16QAM**

Date: 26 MAR 2019 10:54:14

**Middle Channel / QPSK**

Date: 26 MAR 2019 10:55:44

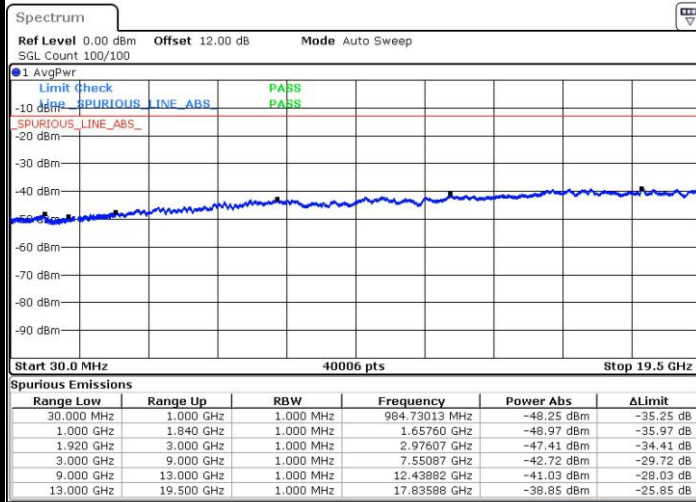
**Middle Channel / 16QAM**

Date: 26 MAR 2019 10:56:26



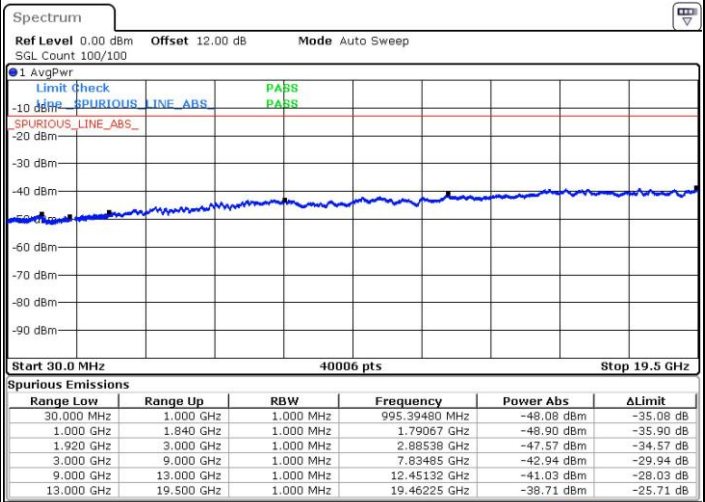
## LTE Band 25 / 1.4MHz

## Highest Channel / QPSK



Date: 26 MAR 2019 06:14:57

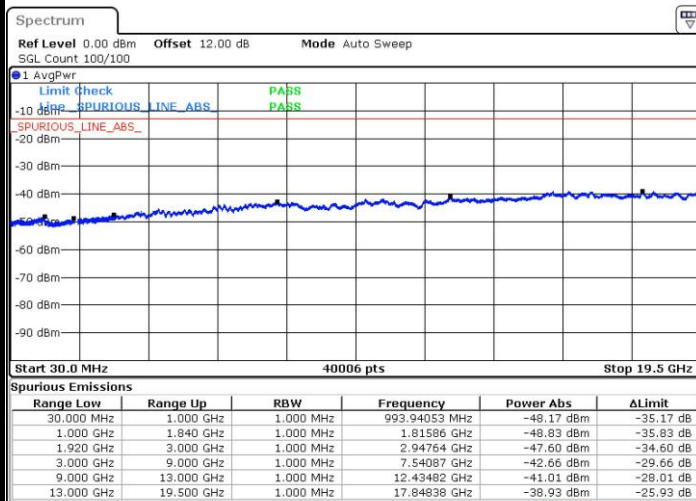
## Highest Channel / 16QAM



Date: 26 MAR 2019 06:15:44

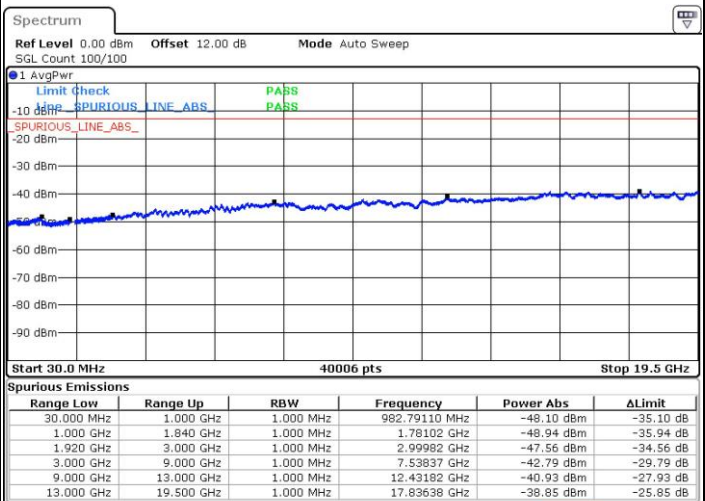
## LTE Band 25 / 3MHz

## Lowest Channel / QPSK



Date: 26 MAR 2019 09:37:46

## Lowest Channel / 16QAM

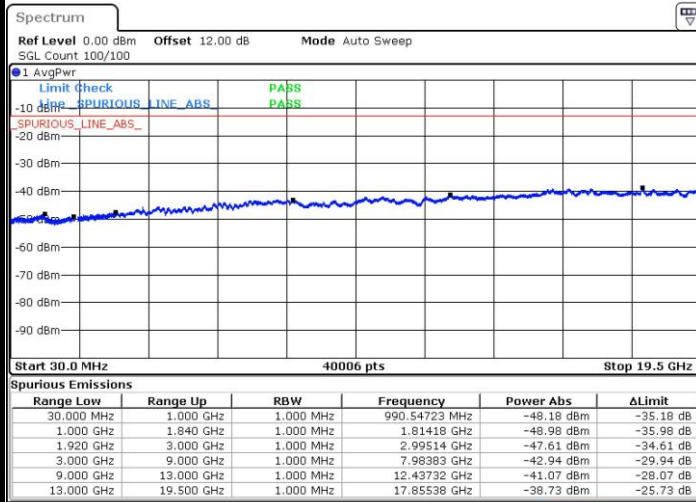


Date: 26 MAR 2019 09:38:28



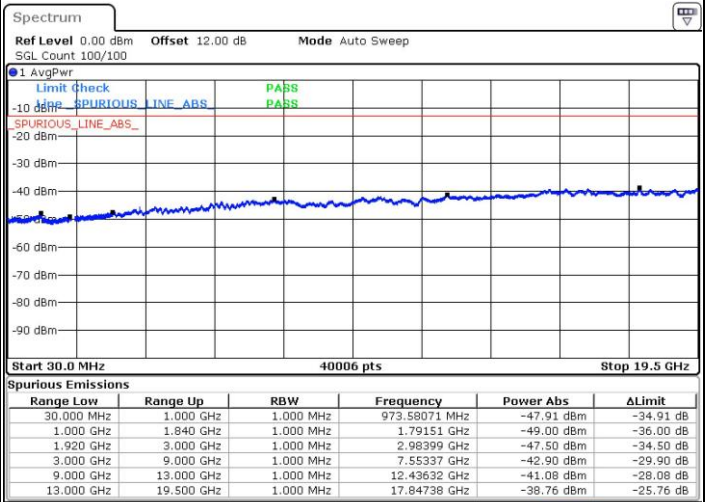
## LTE Band 25 / 3MHz

## Middle Channel / QPSK



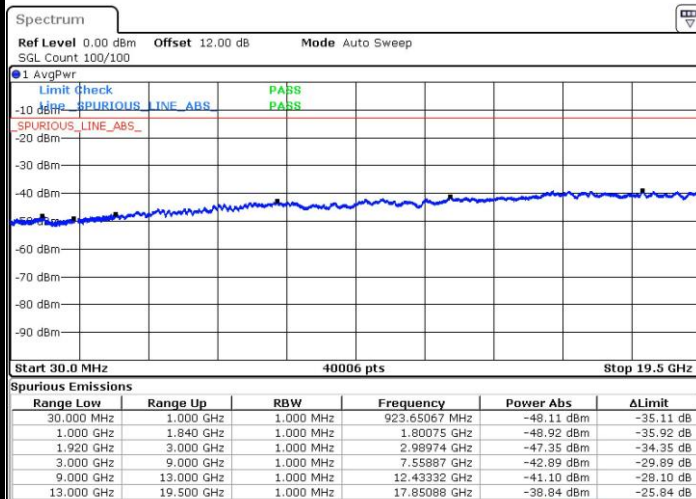
Date: 26 MAR 2019 09:39:59

## Middle Channel / 16QAM



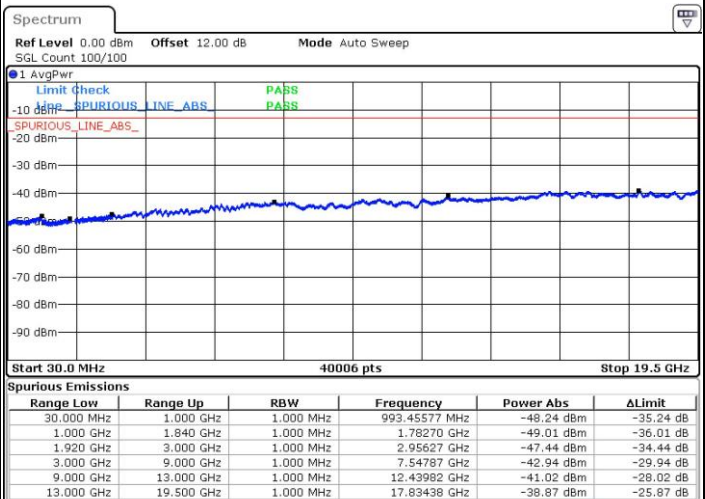
Date: 26 MAR 2019 09:40:40

## Highest Channel / QPSK



Date: 26 MAR 2019 09:46:17

## Highest Channel / 16QAM

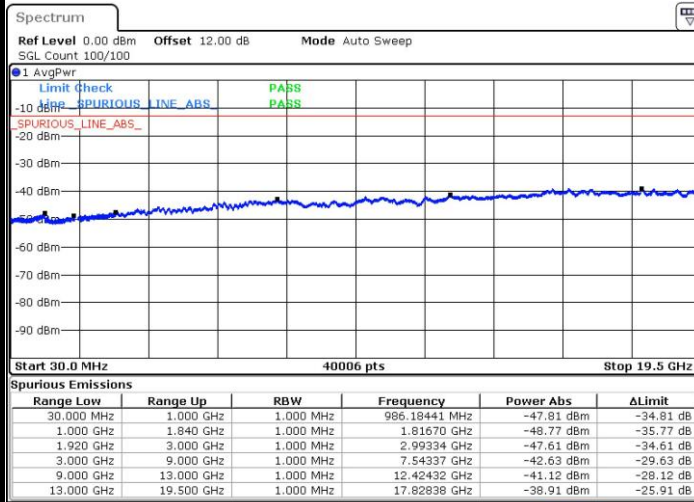


Date: 26 MAR 2019 09:46:58



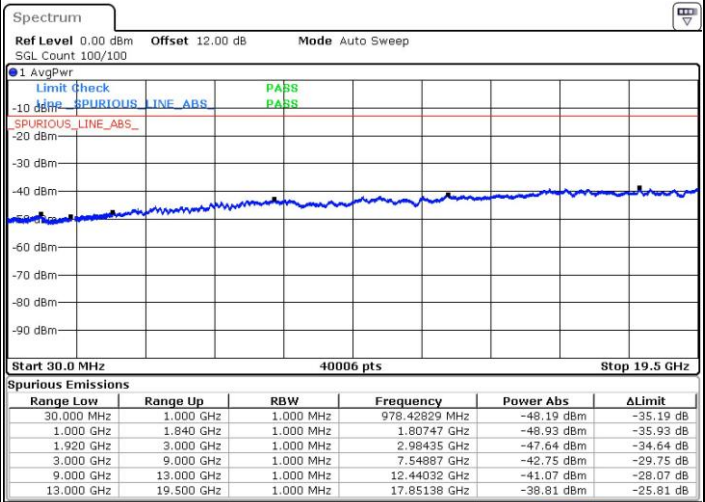
## LTE Band 25 / 5MHz

## Lowest Channel / QPSK



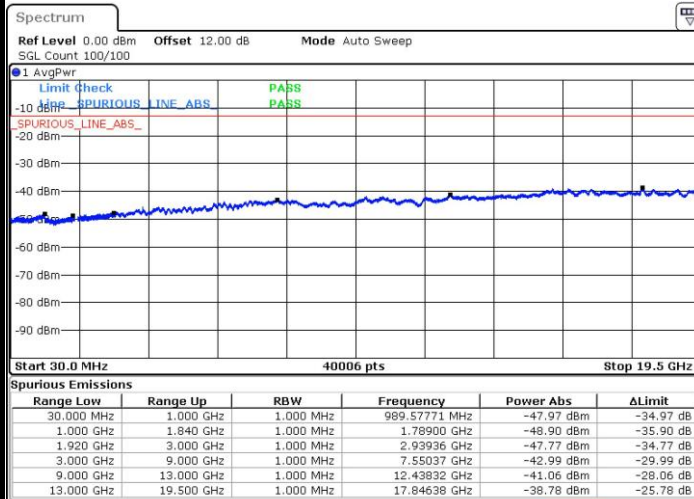
Date: 26 MAR 2019 09:52:34

## Lowest Channel / 16QAM



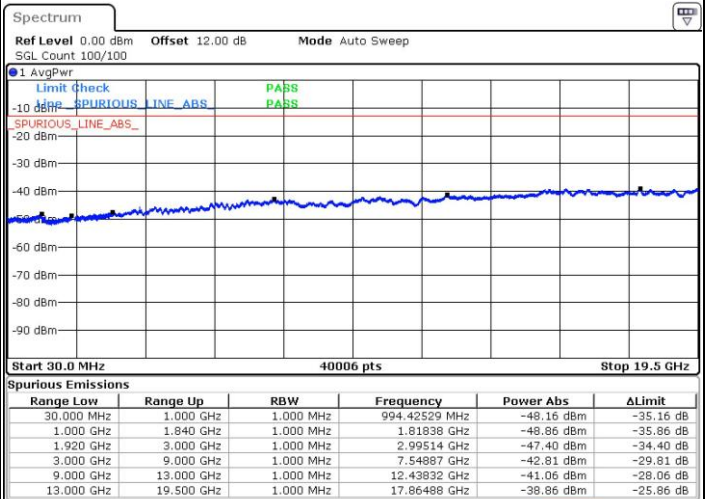
Date: 26 MAR 2019 09:53:16

## Middle Channel / QPSK



Date: 26 MAR 2019 09:54:47

## Middle Channel / 16QAM

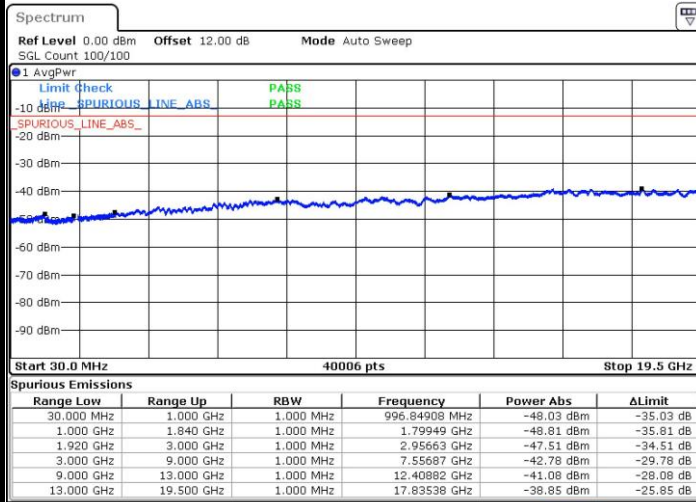


Date: 26 MAR 2019 09:55:28



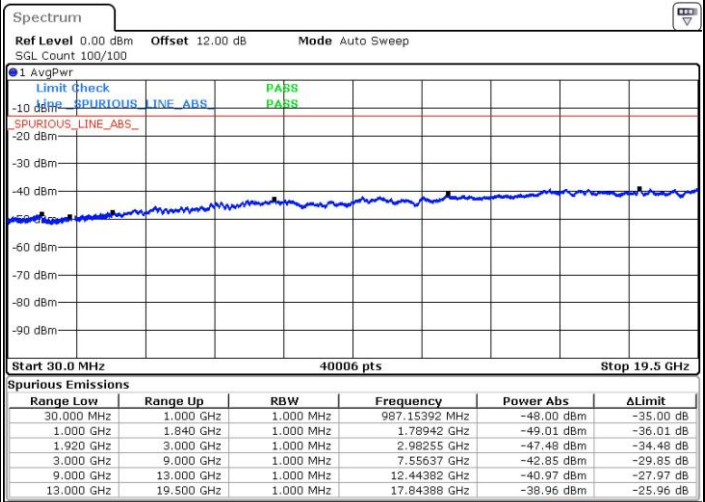
## LTE Band 25 / 5MHz

## Highest Channel / QPSK



Date: 26 MAR 2019 10:01:04

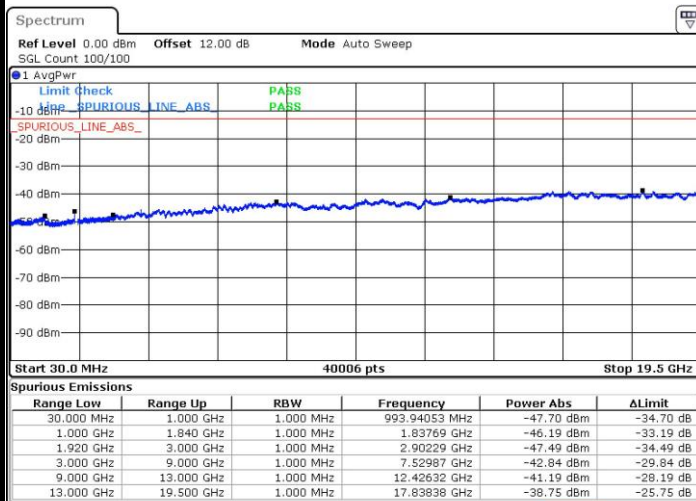
## Highest Channel / 16QAM



Date: 26 MAR 2019 10:01:45

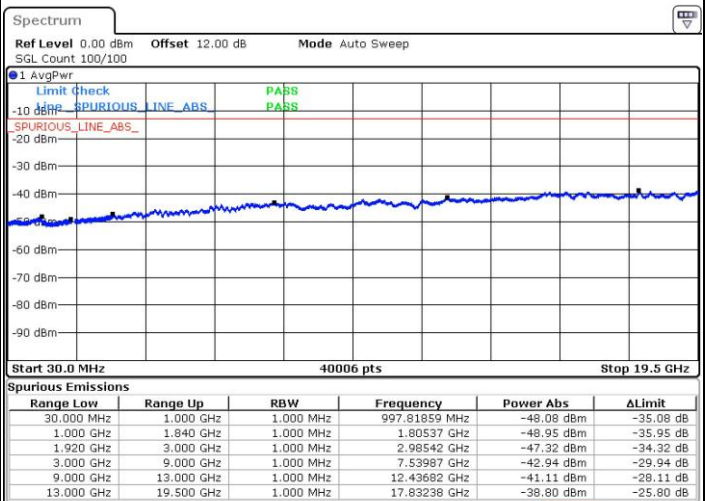
## LTE Band 25 / 10MHz

## Lowest Channel / QPSK



Date: 26 MAR 2019 10:07:21

## Lowest Channel / 16QAM

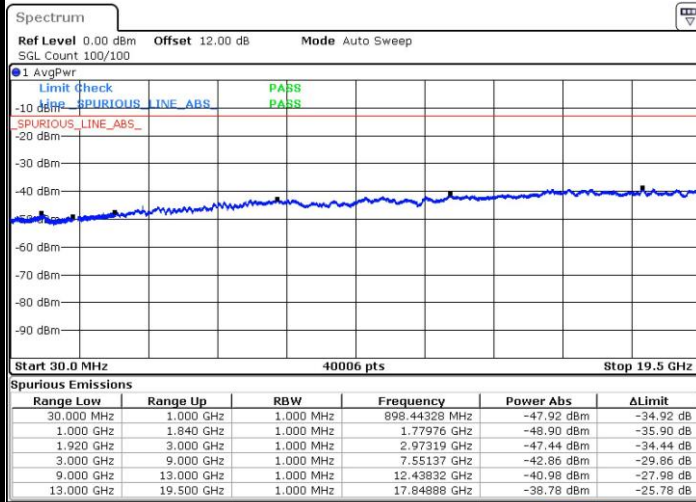


Date: 26 MAR 2019 10:08:03



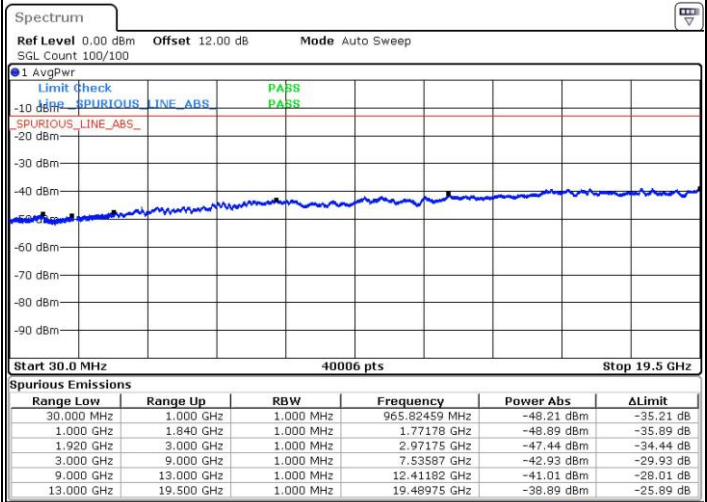
## LTE Band 25 / 10MHz

## Middle Channel / QPSK



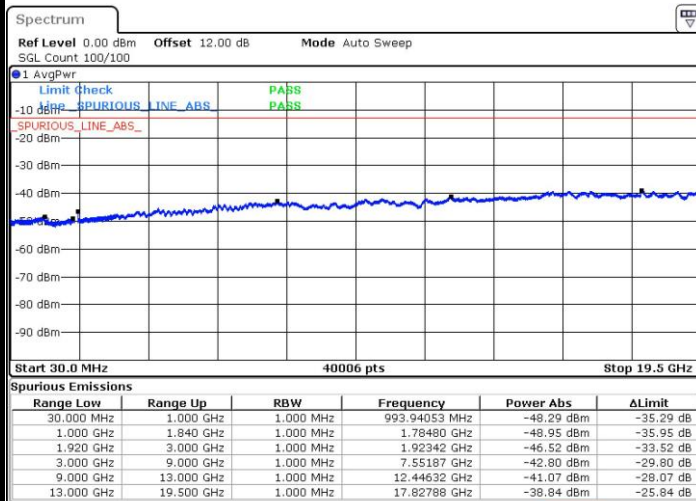
Date: 26 MAR 2019 10:09:34

## Middle Channel / 16QAM



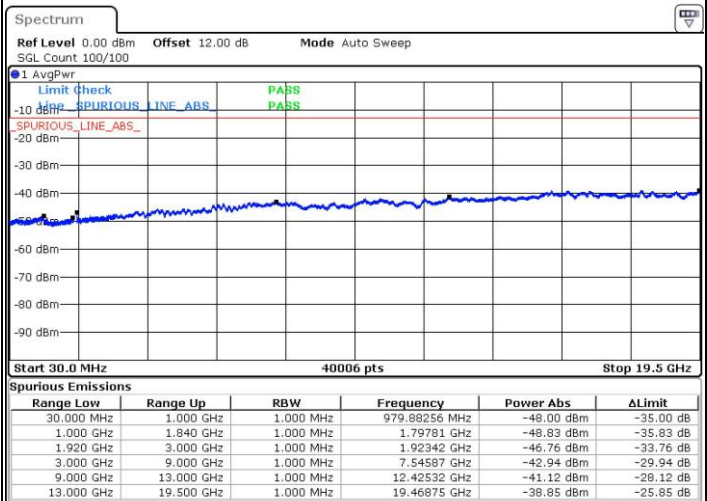
Date: 26 MAR 2019 10:10:16

## Highest Channel / QPSK



Date: 26 MAR 2019 10:15:52

## Highest Channel / 16QAM

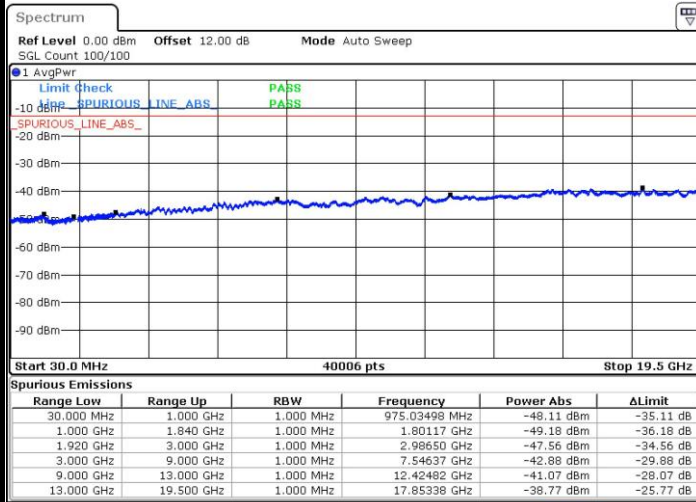


Date: 26 MAR 2019 10:16:33



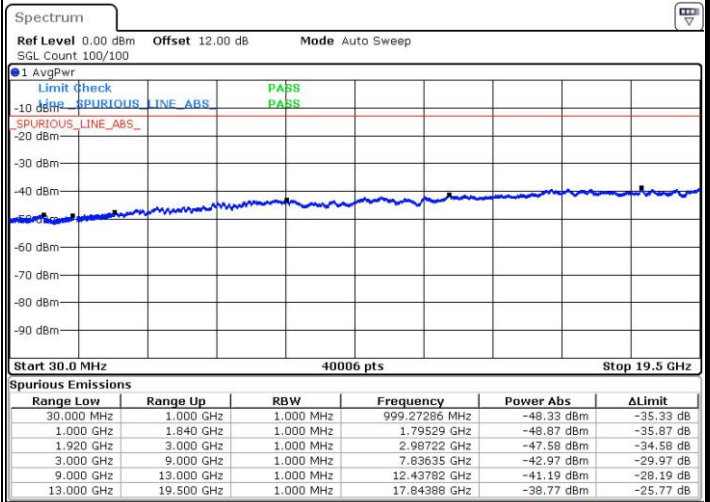
## LTE Band 25 / 15MHz

## Lowest Channel / QPSK



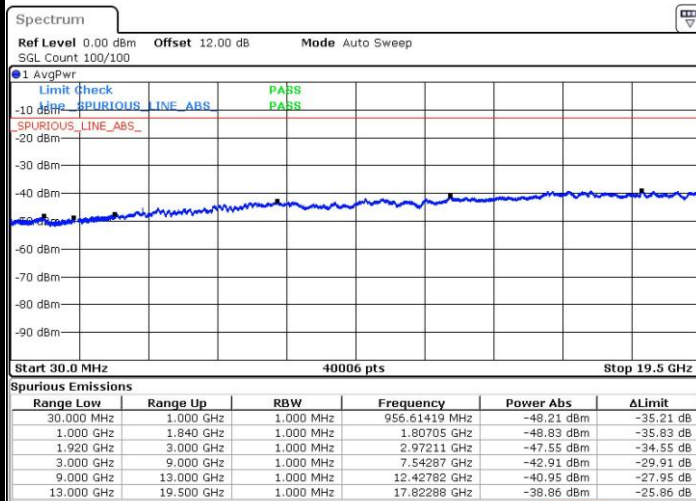
Date: 26 MAR 2019 10:22:09

## Lowest Channel / 16QAM



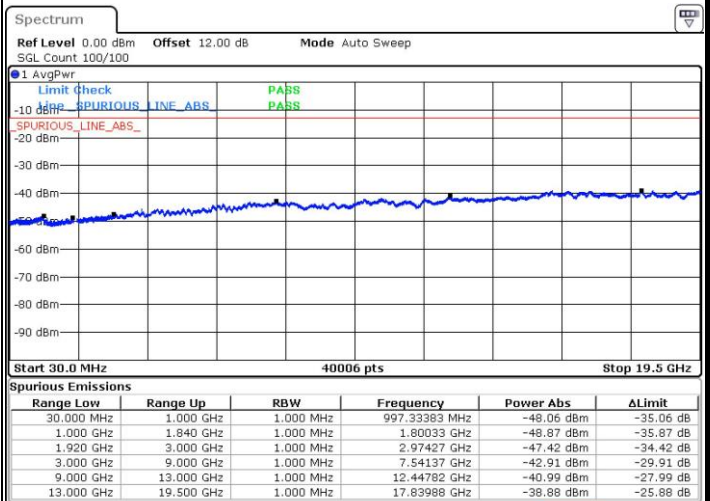
Date: 26 MAR 2019 10:22:51

## Middle Channel / QPSK



Date: 26 MAR 2019 10:24:22

## Middle Channel / 16QAM

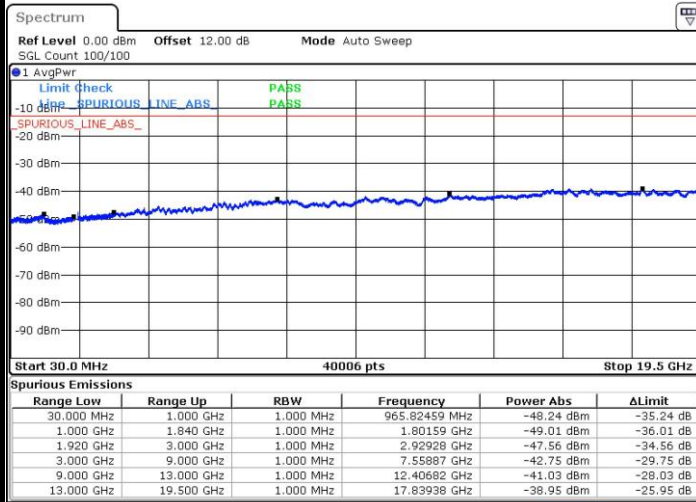


Date: 26 MAR 2019 10:25:04



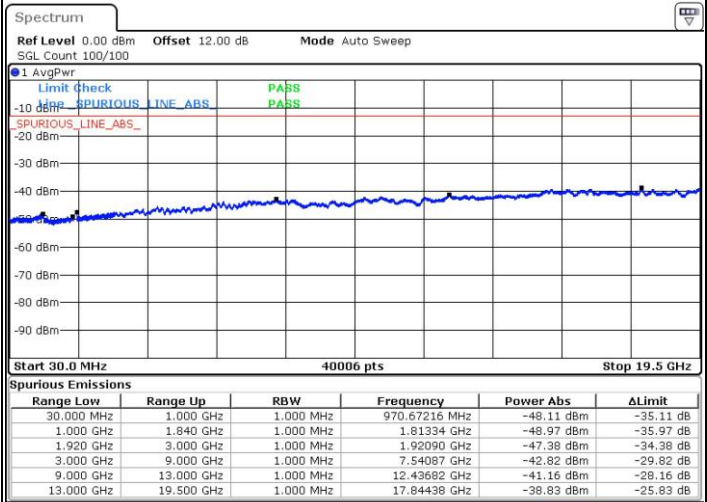
## LTE Band 25 / 15MHz

## Highest Channel / QPSK



Date: 26 MAR 2019 10:30:39

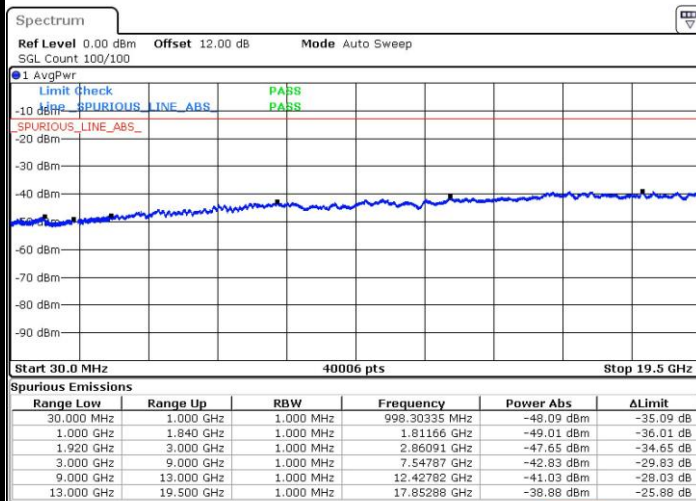
## Highest Channel / 16QAM



Date: 26 MAR 2019 10:31:21

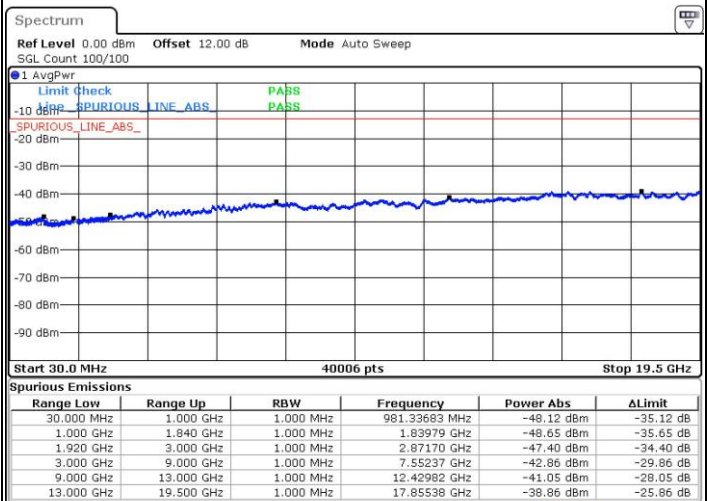
## LTE Band 25 / 20MHz

## Lowest Channel / QPSK



Date: 26 MAR 2019 10:36:57

## Lowest Channel / 16QAM

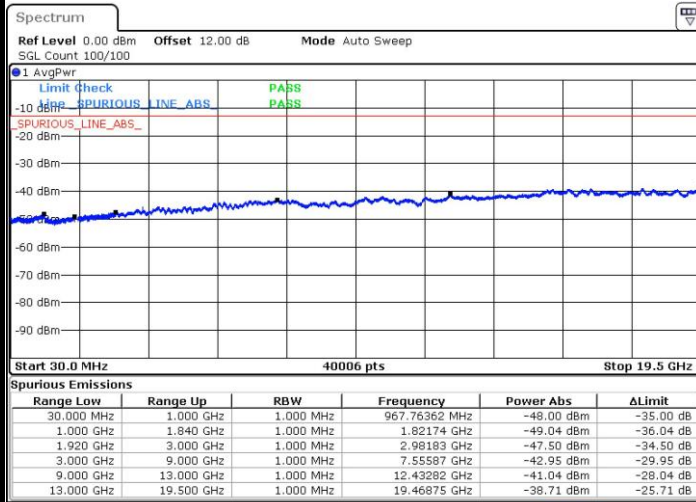


Date: 26 MAR 2019 10:37:38



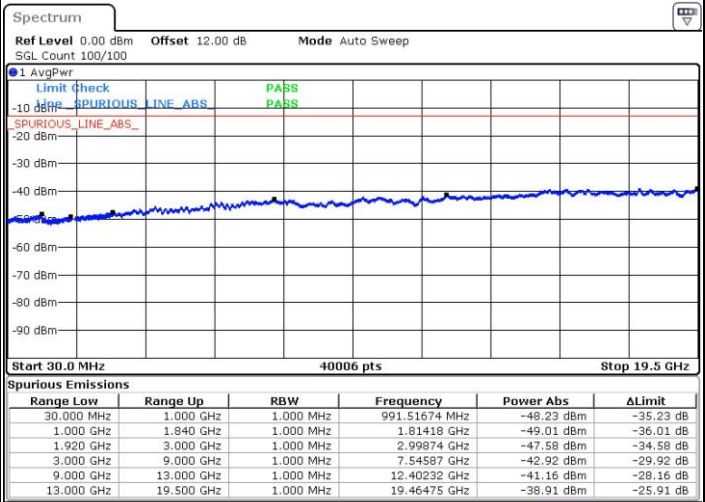
## LTE Band 25 / 20MHz

## Middle Channel / QPSK



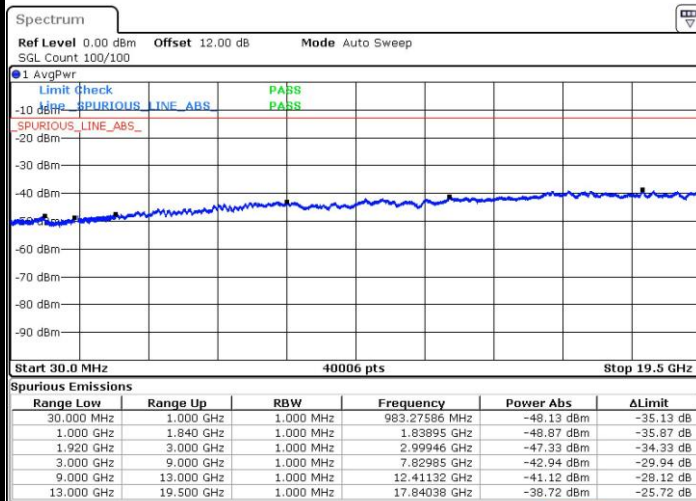
Date: 26 MAR 2019 10:39:10

## Middle Channel / 16QAM



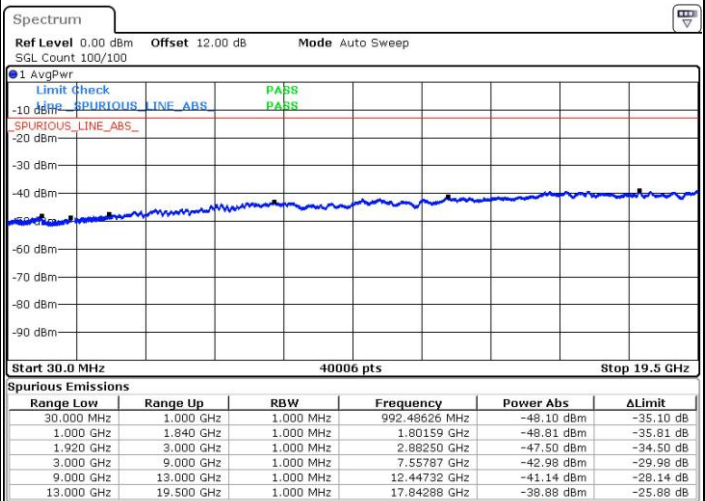
Date: 26 MAR 2019 10:39:51

## Highest Channel / QPSK



Date: 26 MAR 2019 10:45:27

## Highest Channel / 16QAM

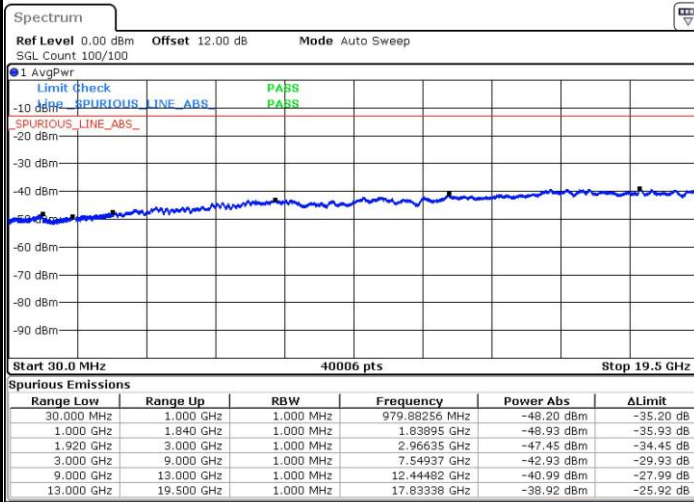


Date: 26 MAR 2019 10:46:08



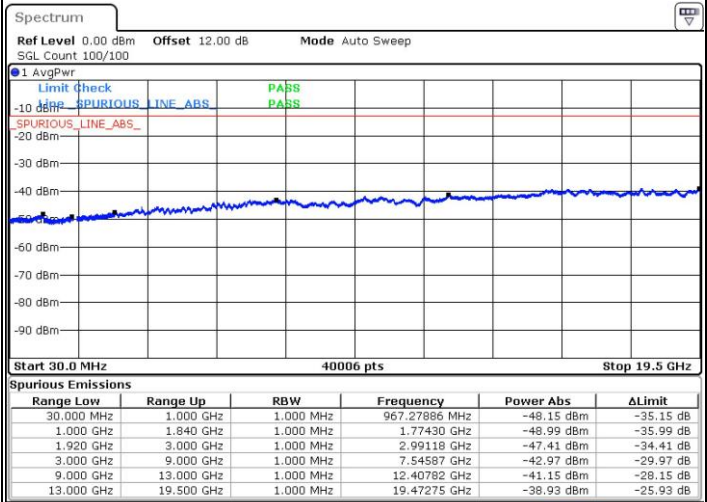
## LTE Band 25 / 1.4MHz

## Lowest Channel / 64QAM



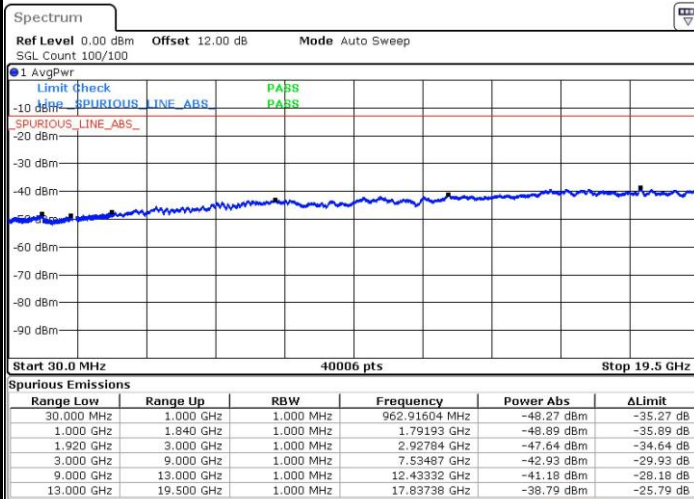
Date: 26 MAR 2019 06:19:04

## Middle Channel / 64QAM



Date: 26 MAR 2019 06:20:16

## Highest Channel / 64QAM

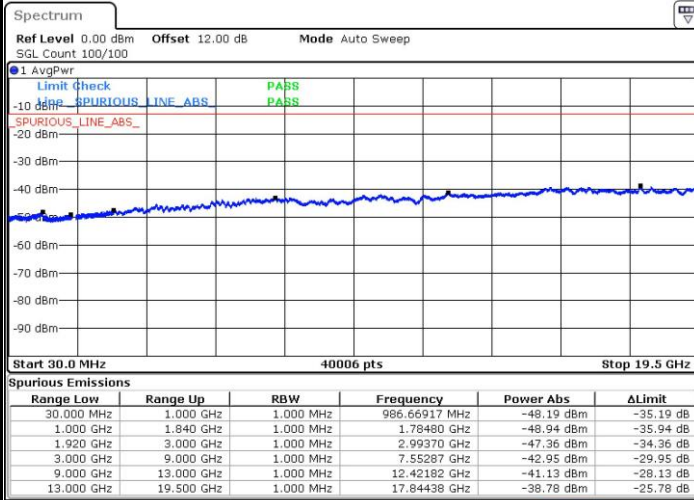


Date: 26 MAR 2019 06:23:45



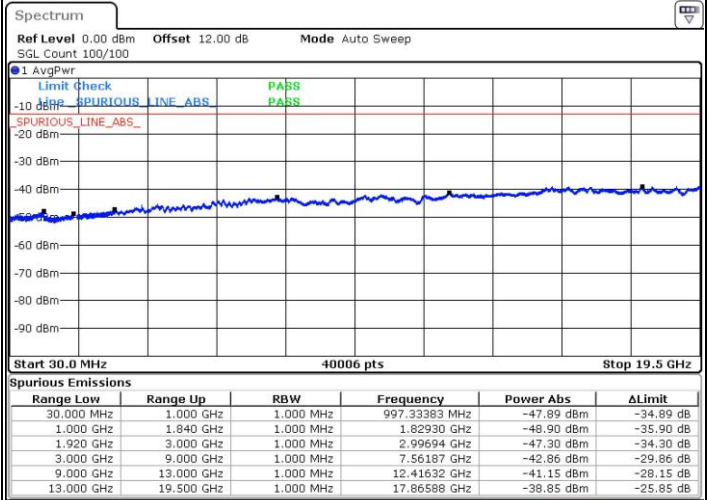
## LTE Band 25 / 3MHz

## Lowest Channel / 64QAM



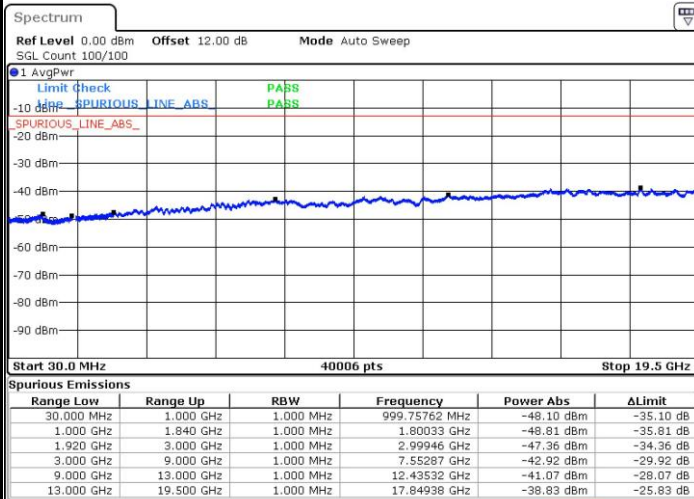
Date: 26 MAR 2019 06:26:59

## Middle Channel / 64QAM



Date: 26 MAR 2019 06:28:11

## Highest Channel / 64QAM

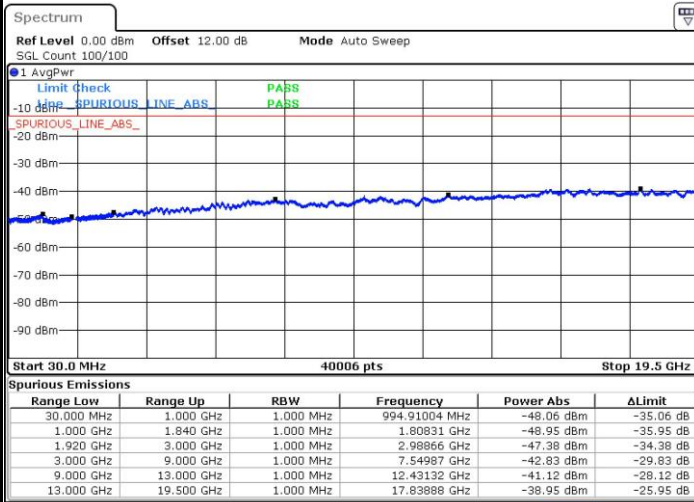


Date: 26 MAR 2019 06:37:51



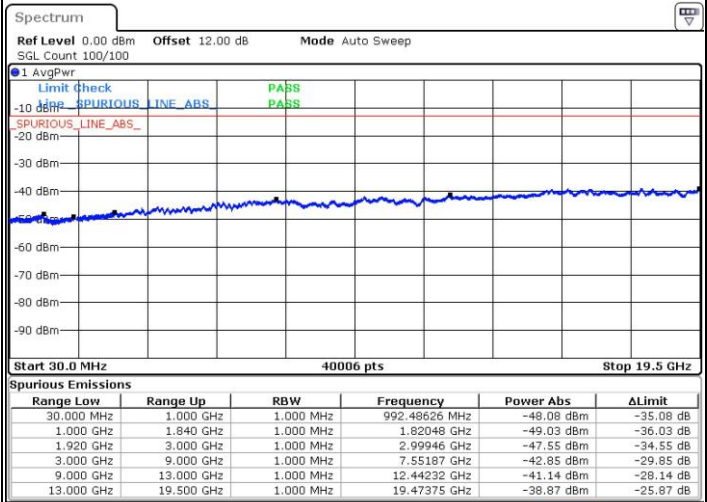
## LTE Band 25 / 5MHz

## Lowest Channel / 64QAM



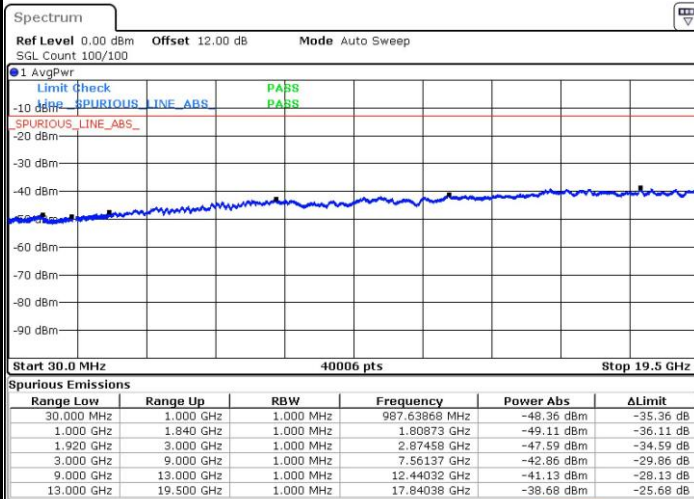
Date: 26 MAR 2019 06:41:04

## Middle Channel / 64QAM



Date: 26 MAR 2019 06:42:16

## Highest Channel / 64QAM

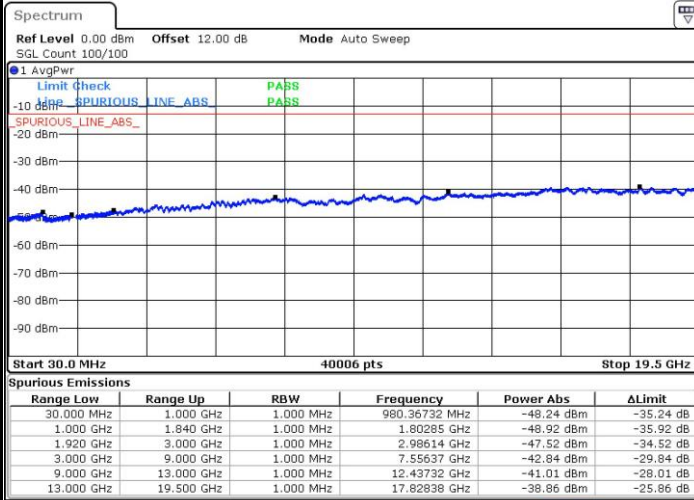


Date: 26 MAR 2019 06:45:30



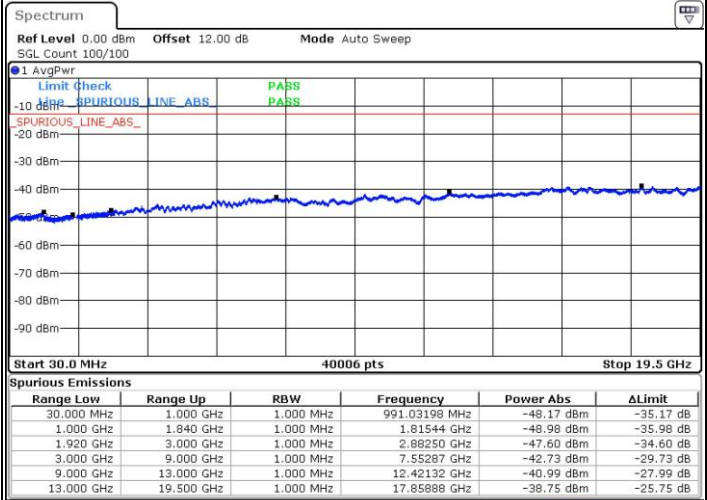
## LTE Band 25 / 10MHz

## Lowest Channel / 64QAM



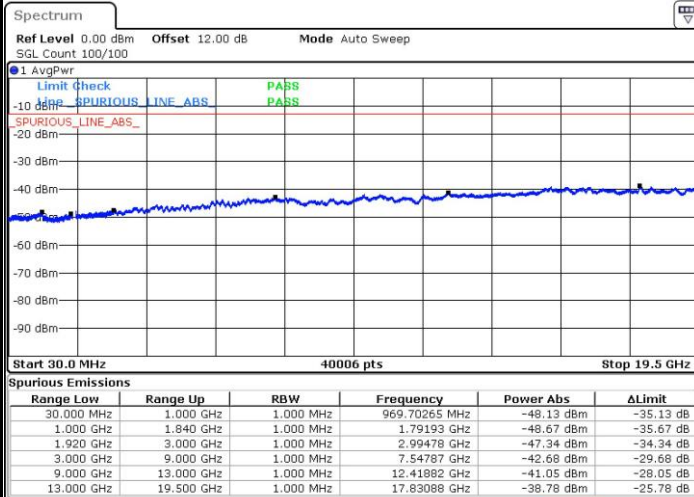
Date: 26 MAR 2019 06:48:44

## Middle Channel / 64QAM



Date: 26 MAR 2019 06:49:55

## Highest Channel / 64QAM

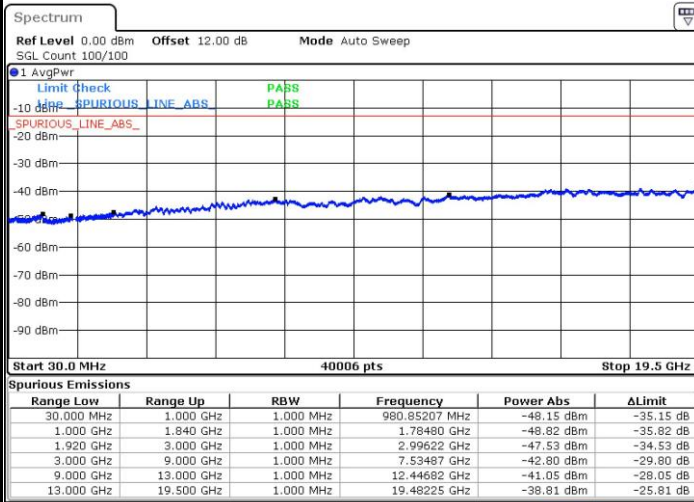


Date: 26 MAR 2019 06:53:09



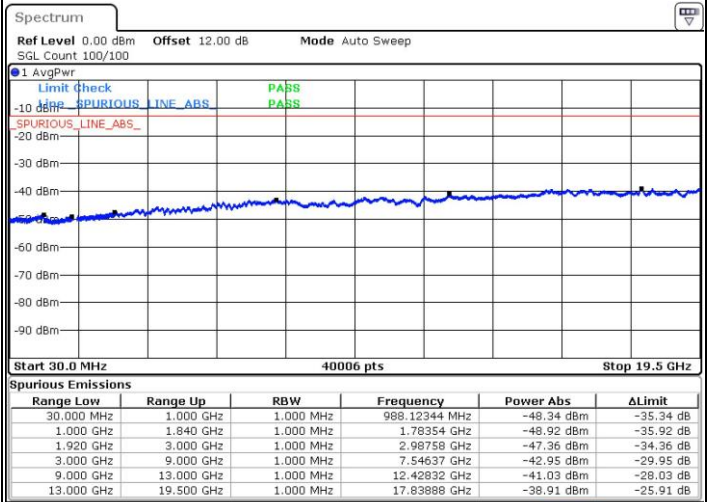
## LTE Band 25 / 15MHz

## Lowest Channel / 64QAM



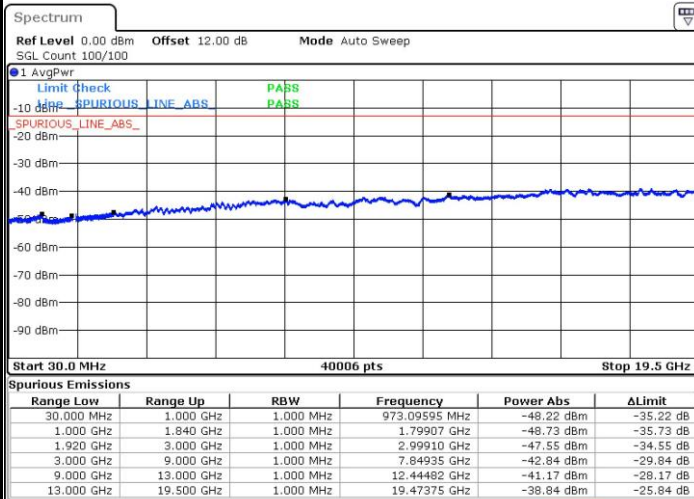
Date: 26 MAR 2019 06:56:22

## Middle Channel / 64QAM



Date: 26 MAR 2019 06:57:34

## Highest Channel / 64QAM

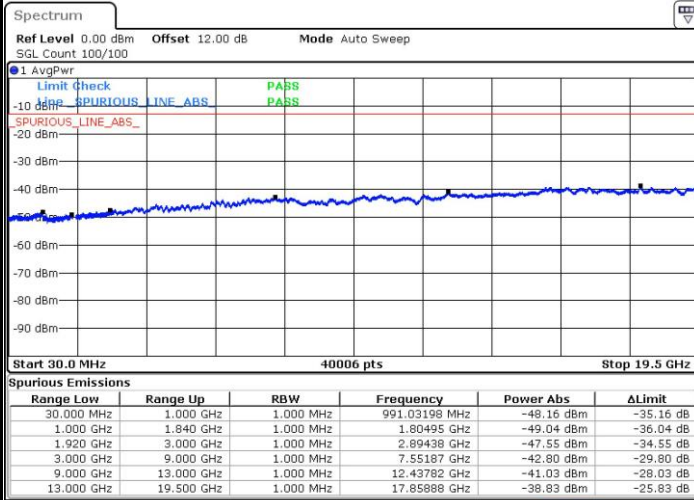


Date: 26 MAR 2019 07:00:47



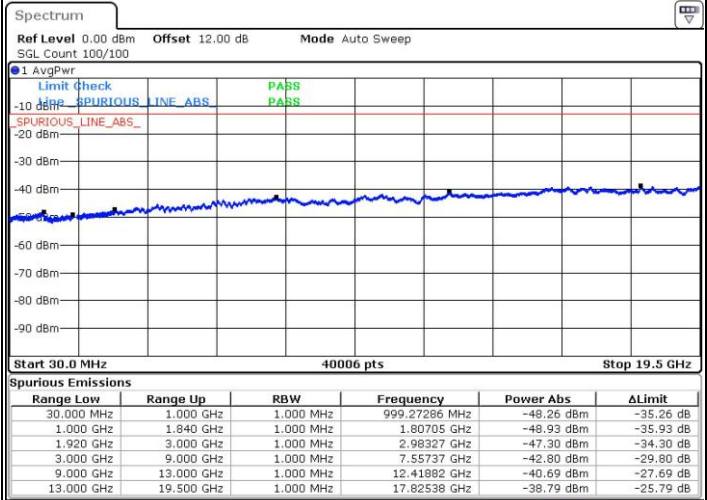
## LTE Band 25 / 20MHz

## Lowest Channel / 64QAM



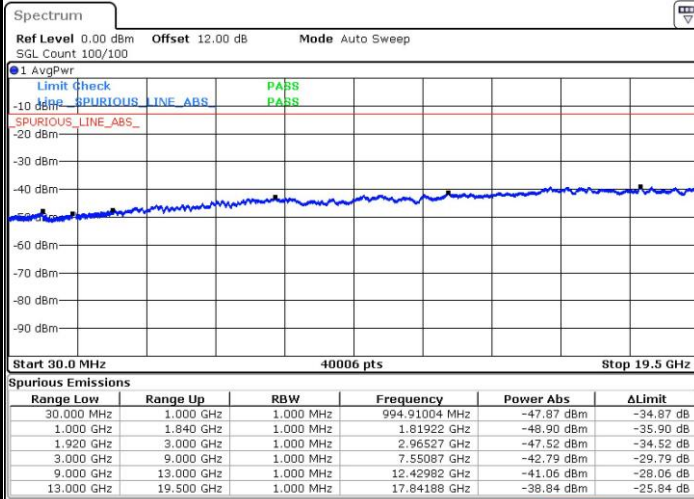
Date: 26 MAR 2019 07:04:01

## Middle Channel / 64QAM



Date: 26 MAR 2019 07:05:12

## Highest Channel / 64QAM



Date: 26 MAR 2019 07:08:26

## Frequency Stability

| Test Conditions  |                   | LTE Band 25 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0066                              | PASS    |
| 40               | Normal Voltage    | 0.0004                              |         |
| 30               | Normal Voltage    | 0.0001                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0007                              |         |
| 0                | Normal Voltage    | 0.0070                              |         |
| -10              | Normal Voltage    | 0.0076                              |         |
| -20              | Normal Voltage    | 0.0003                              |         |
| -30              | Normal Voltage    | 0.0007                              |         |
| 20               | Maximum Voltage   | 0.0008                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0002                              |         |

**Note:**

1. Normal Voltage =4.0 V. ; Battery End Point (BEP) =3.8 V. ; Maximum Voltage =4.2 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



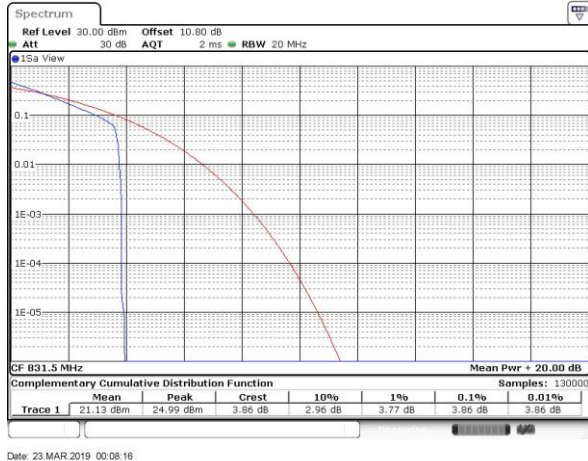
## LTE Band 26

## Peak-to-Average Ratio

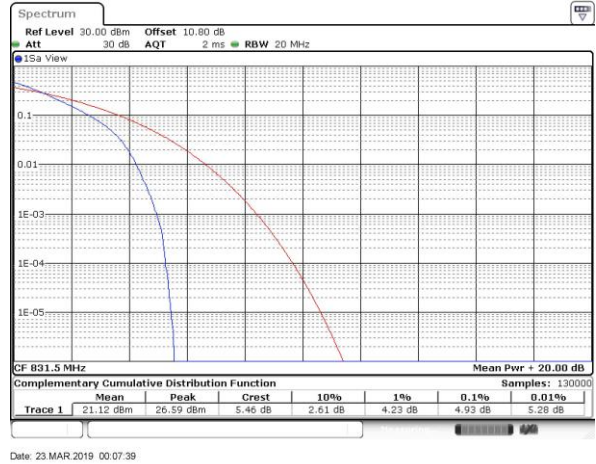
| Mode       | LTE Band 26 / 15MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 3.86                | 4.93    | 5.19  | 6.2     | PASS        |
| Middle CH  | 3.83                | 5.01    | 5.28  | 6.29    |             |
| Highest CH | 3.77                | 4.96    | 5.28  | 6.26    |             |
| Mode       | LTE Band 26 / 15MHz |         |       |         |             |
| Mod.       | 64QAM               |         |       |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB |       |         | Result      |
| Lowest CH  | 6.75                | 6.93    | -     | -       | PASS        |
| Middle CH  | 6.17                | 6.93    | -     | -       |             |
| Highest CH | 6.70                | 6.96    | -     | -       |             |

## LTE Band 26 / 15MHz / QPSK

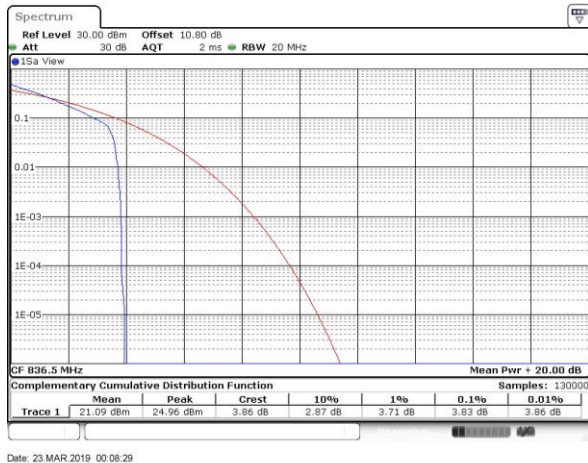
### Lowest Channel / 1RB



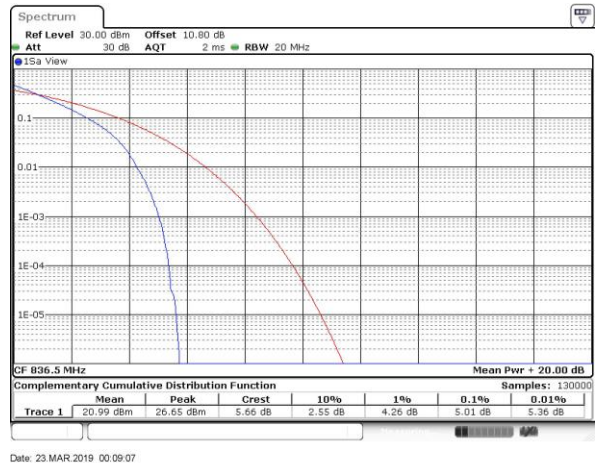
### Lowest Channel / Full RB



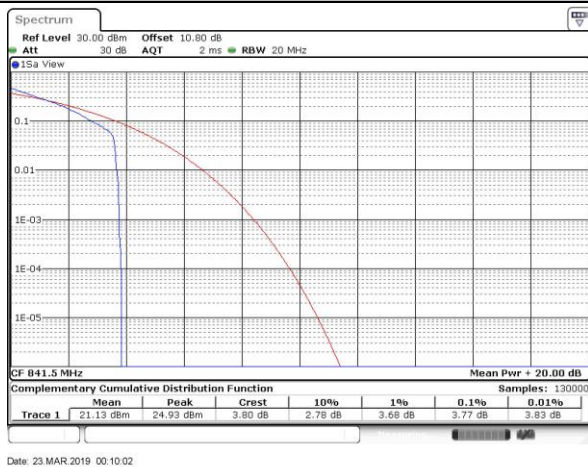
### Middle Channel / 1RB



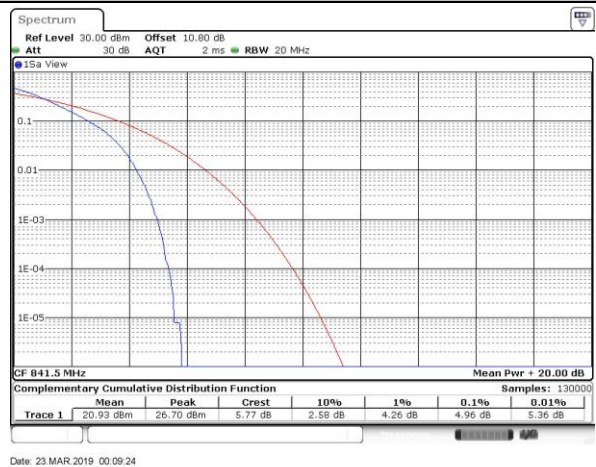
### Middle Channel / Full RB



### Highest Channel / 1RB



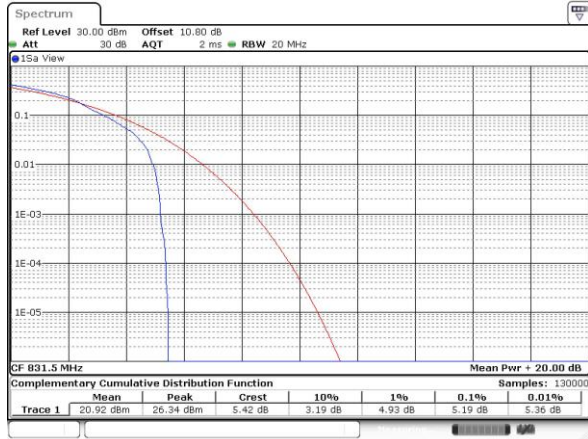
### Highest Channel / Full RB



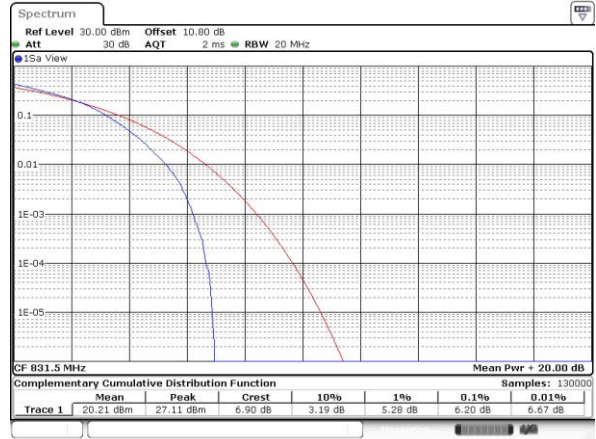


## LTE Band 26 / 15MHz / 16QAM

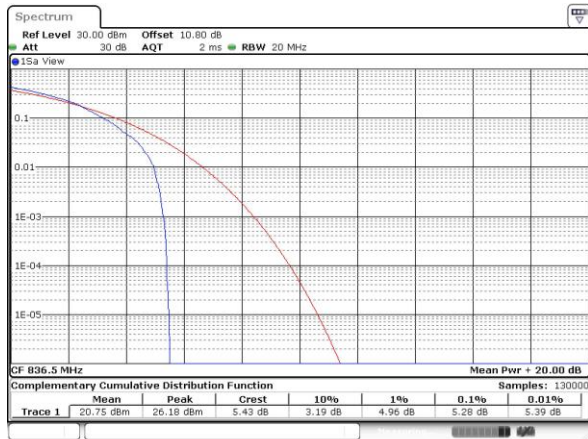
## Lowest Channel / 1RB



## Lowest Channel / Full RB



## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



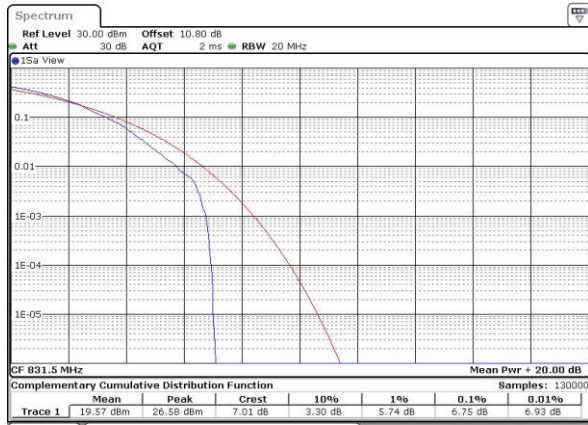
## Highest Channel / Full RB





## LTE Band 26 / 15MHz / 64QAM

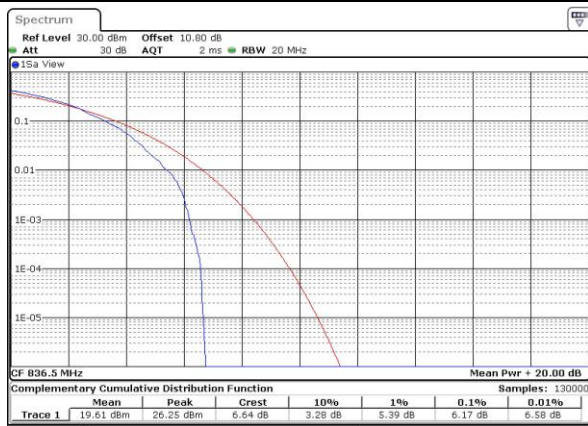
## Lowest Channel / 1RB



## 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  | 1.24                       | 1.23  | 3.01  | 2.97  | 4.94  | 4.87  | 9.69  | 9.79  | 14.27 | 14.45 | -     | -     |
| Middle CH  | 1.22                       | 1.22  | 3.00  | 3.02  | 4.91  | 4.94  | 9.81  | 9.71  | 14.45 | 14.57 | -     | -     |
| Highest CH | 1.22                       | 1.21  | 3.00  | 3.02  | 4.92  | 4.93  | 9.91  | 9.85  | 14.54 | 14.42 | -     | -     |
| Mode       | LTE Band 26 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                      |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | 1.23                       | -     | 3.05  | -     | 4.97  | -     | 9.79  | -     | 14.54 | -     | -     | -     |
| Middle CH  | 1.23                       | -     | 3.02  | -     | 4.95  | -     | 9.89  | -     | 14.54 | -     | -     | -     |
| Highest CH | 1.24                       | -     | 3.00  | -     | 4.96  | -     | 9.85  | -     | 14.39 | -     | -     | -     |