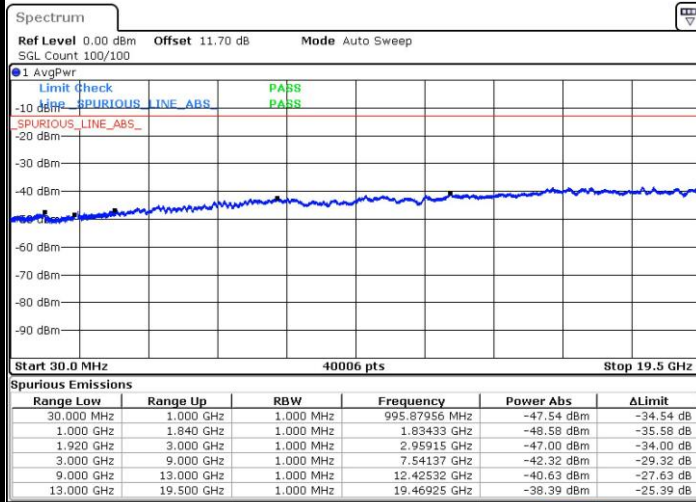




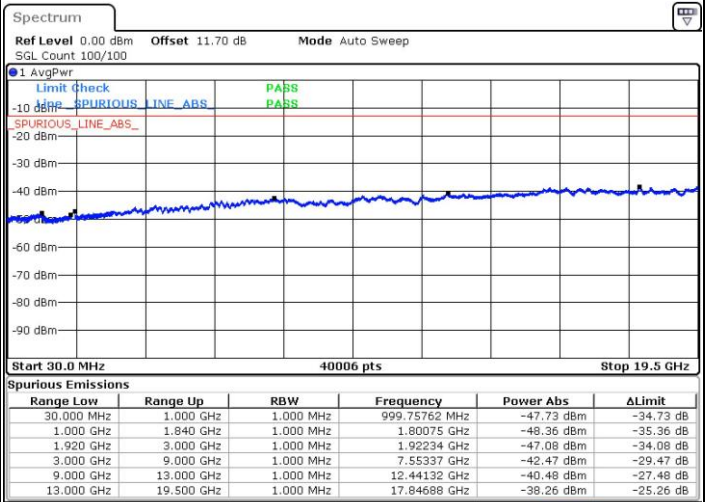
## LTE Band 25 / 5MHz

## Highest Channel / QPSK



Date: 3.JAN.2019 00:06:45

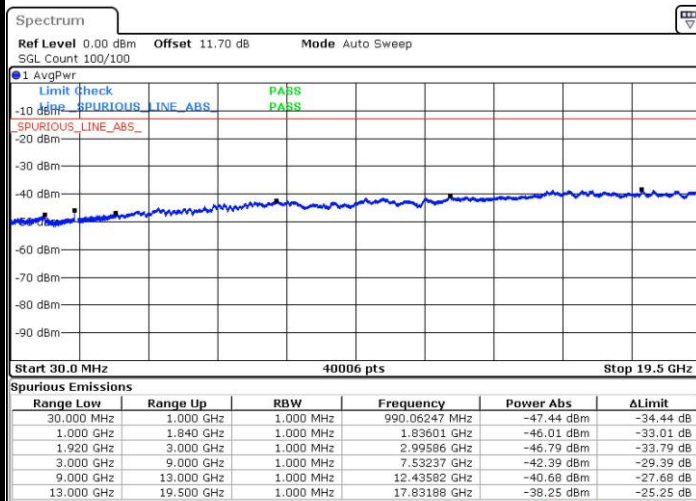
## Highest Channel / 16QAM



Date: 3.JAN.2019 00:07:46

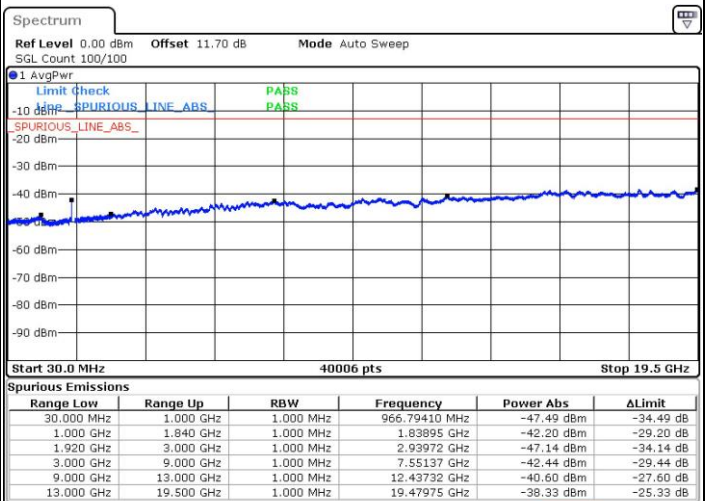
## LTE Band 25 / 10MHz

## Lowest Channel / QPSK



Date: 3.JAN.2019 00:08:48

## Lowest Channel / 16QAM

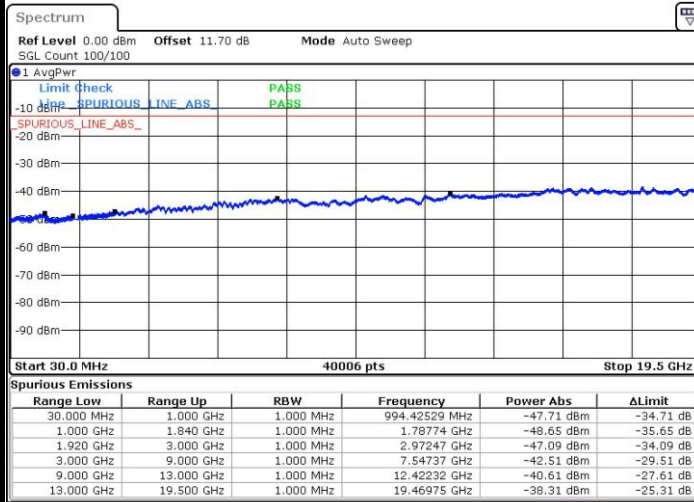


Date: 3.JAN.2019 00:09:50



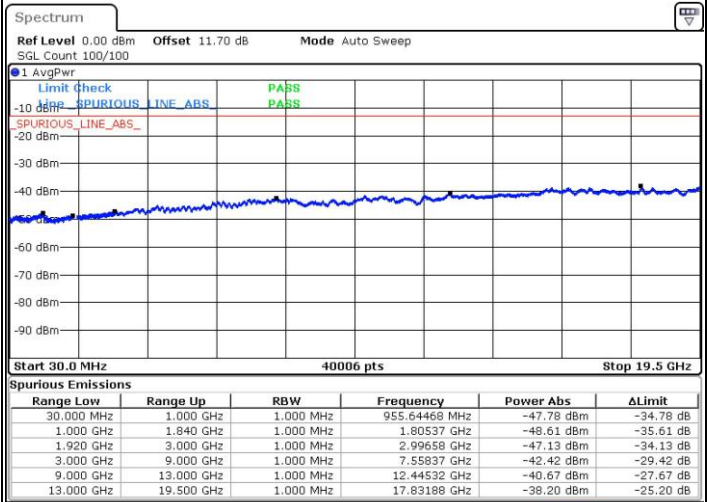
## LTE Band 25 / 10MHz

## Middle Channel / QPSK



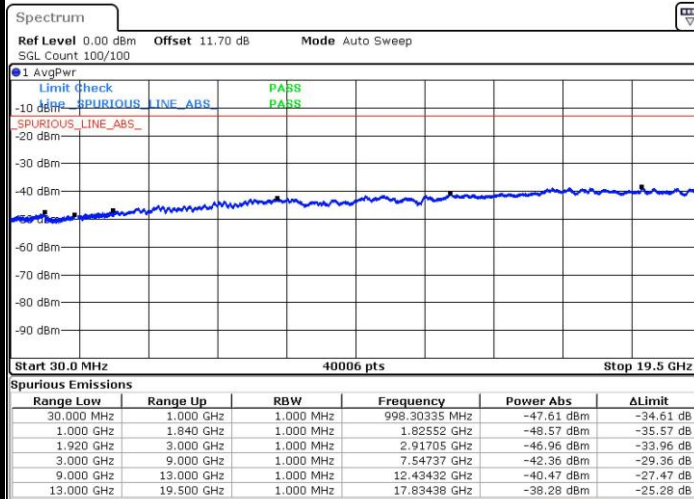
Date: 3.JAN.2019 00:10:51

## Middle Channel / 16QAM



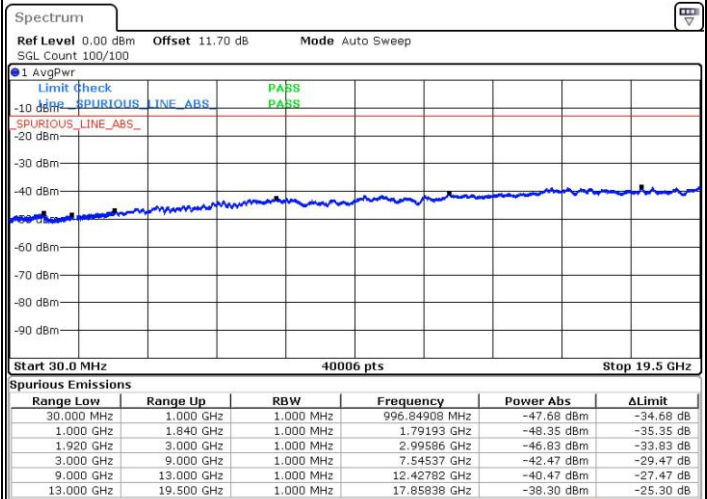
Date: 3.JAN.2019 00:11:52

## Highest Channel / QPSK



Date: 3.JAN.2019 00:12:54

## Highest Channel / 16QAM

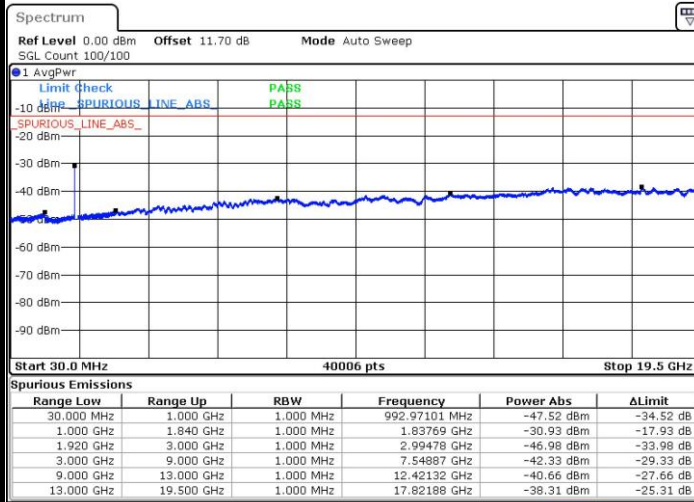


Date: 3.JAN.2019 00:13:55



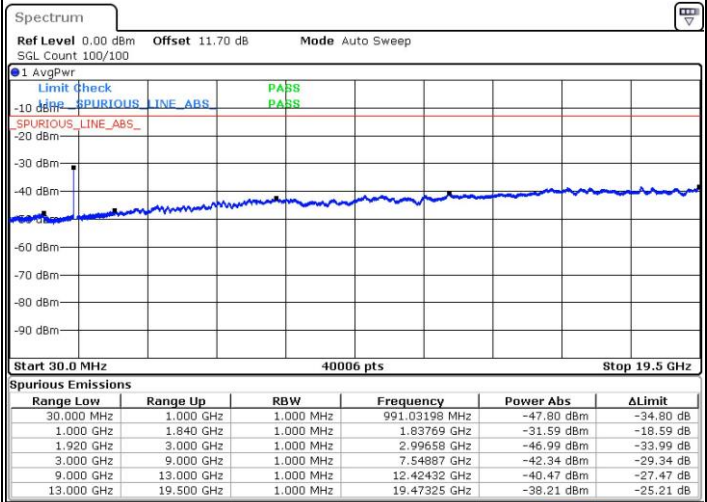
## LTE Band 25 / 15MHz

## Lowest Channel / QPSK



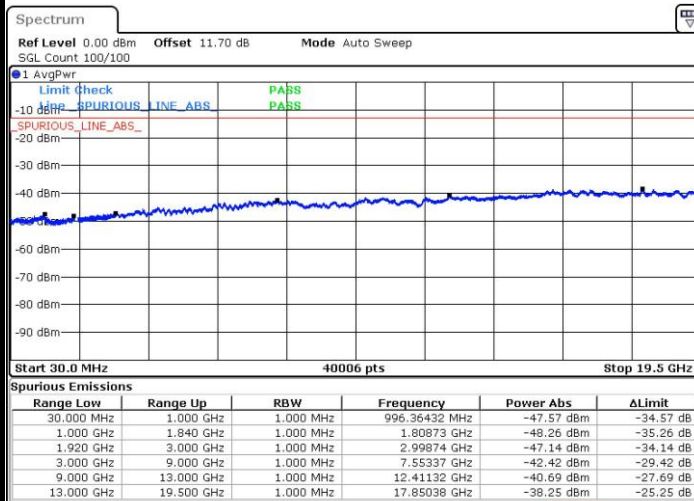
Date: 3.JAN.2019 00:14:57

## Lowest Channel / 16QAM



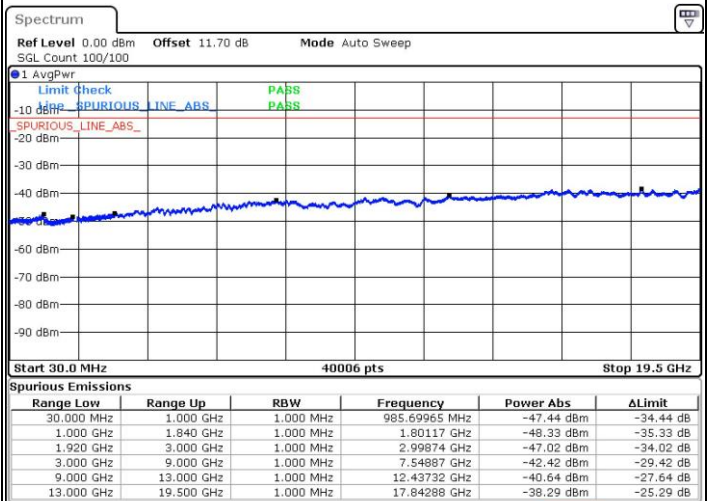
Date: 3.JAN.2019 00:15:58

## Middle Channel / QPSK



Date: 3.JAN.2019 00:17:00

## Middle Channel / 16QAM

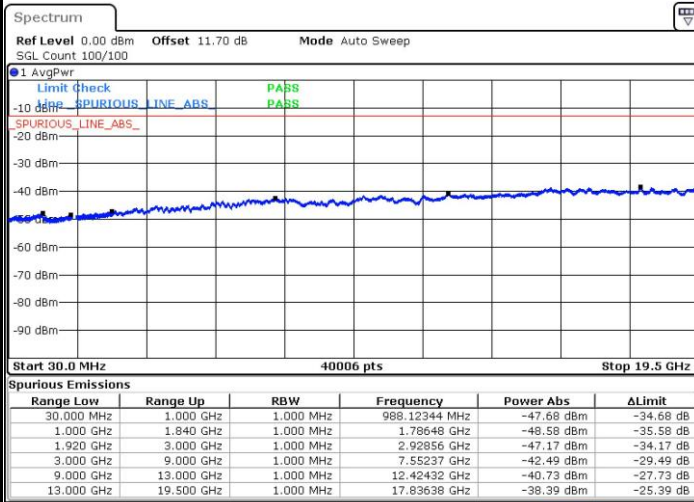


Date: 3.JAN.2019 00:18:01



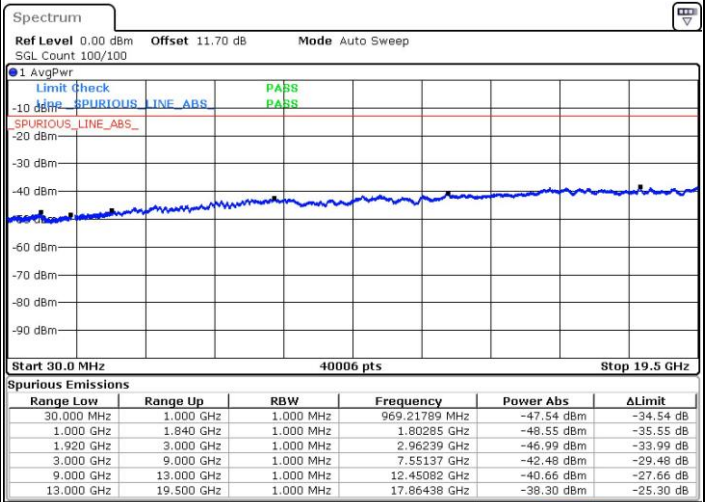
## LTE Band 25 / 15MHz

## Highest Channel / QPSK



Date: 3.JAN.2019 00:19:03

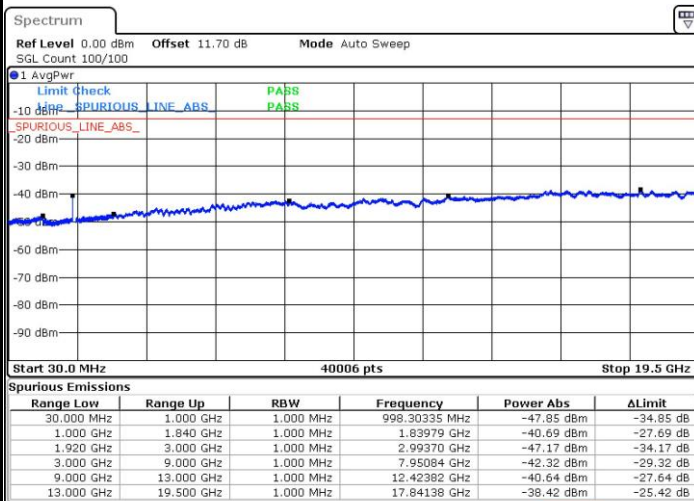
## Highest Channel / 16QAM



Date: 3.JAN.2019 00:20:04

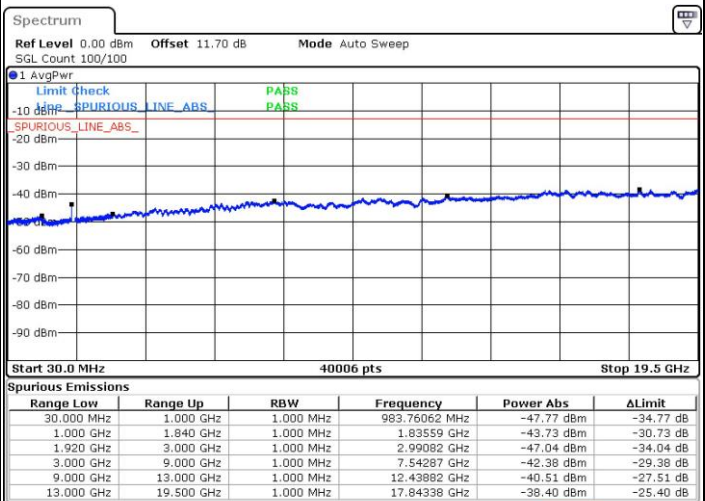
## LTE Band 25 / 20MHz

## Lowest Channel / QPSK



Date: 3.JAN.2019 00:21:06

## Lowest Channel / 16QAM

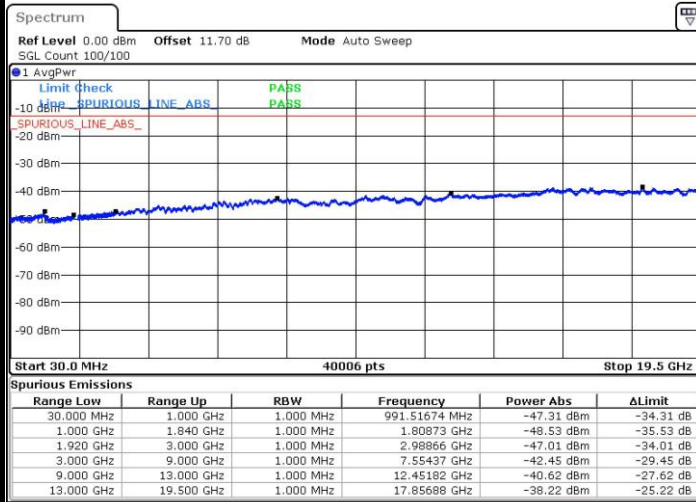


Date: 3.JAN.2019 00:22:08



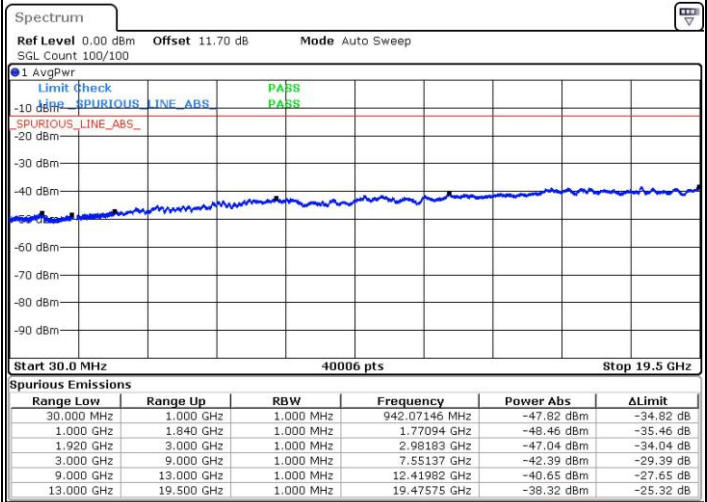
## LTE Band 25 / 20MHz

## Middle Channel / QPSK



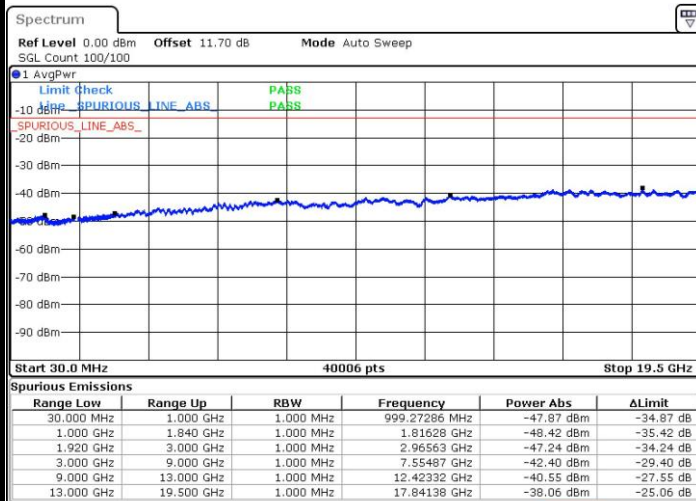
Date: 3.JAN.2019 00:23:09

## Middle Channel / 16QAM



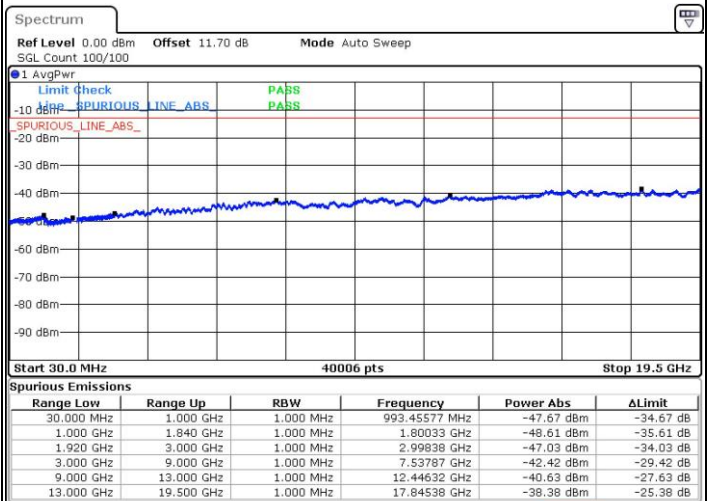
Date: 3.JAN.2019 00:24:11

## Highest Channel / QPSK



Date: 3.JAN.2019 00:25:12

## Highest Channel / 16QAM

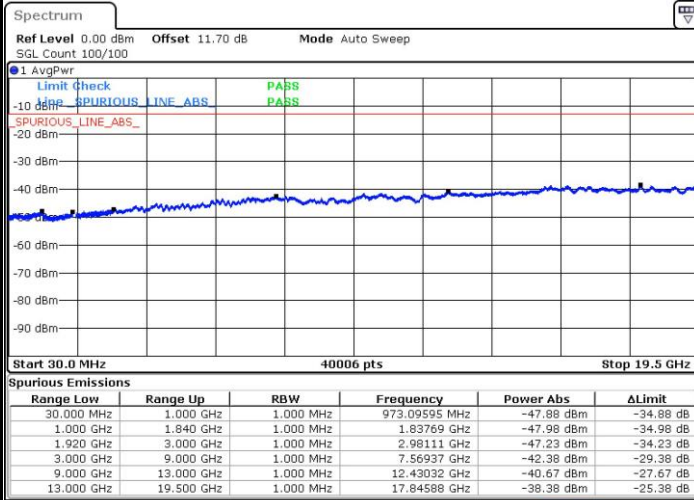


Date: 3.JAN.2019 00:26:13



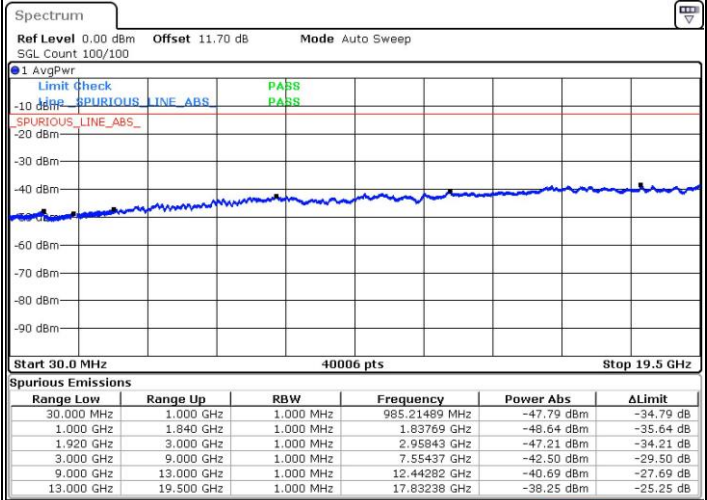
## LTE Band 25 / 1.4MHz

## Lowest Channel / 64QAM



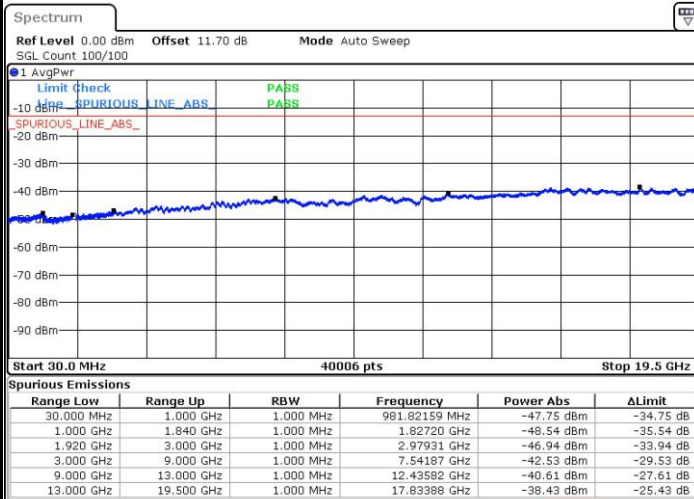
Date: 2.JAN.2019 23:43:02

## Middle Channel / 64QAM



Date: 2.JAN.2019 23:44:28

## Highest Channel / 64QAM

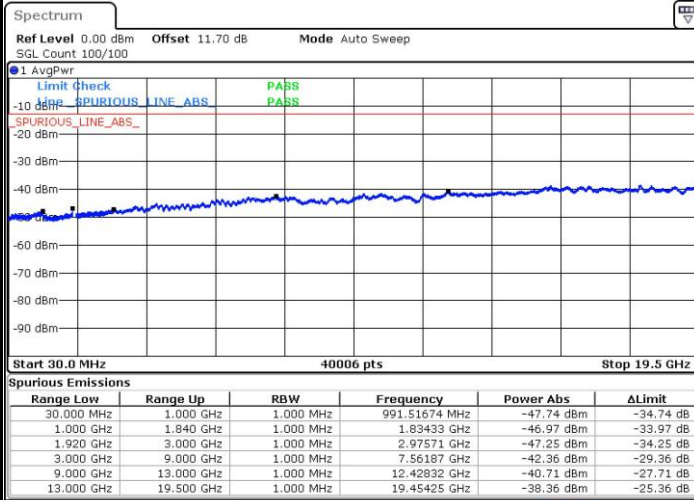


Date: 2.JAN.2019 23:48:12



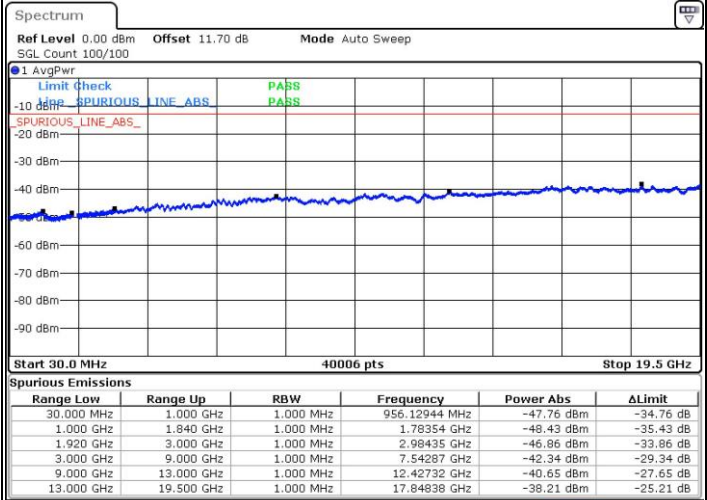
## LTE Band 25 / 3MHz

## Lowest Channel / 64QAM



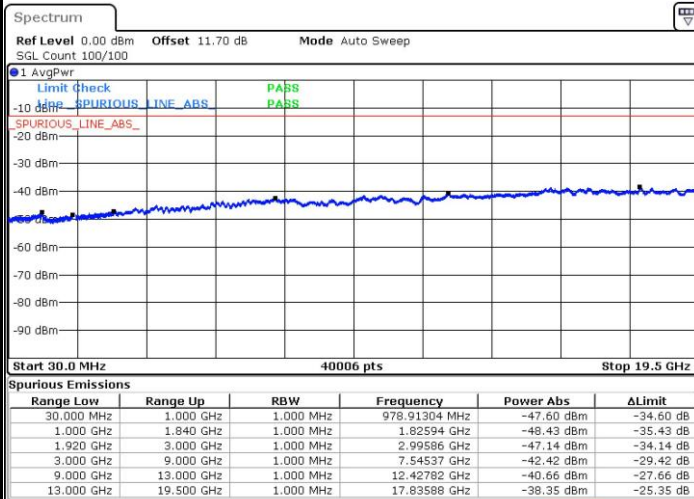
Date: 2 JAN 2019 23:00:58

## Middle Channel / 64QAM



Date: 2 JAN 2019 23:02:24

## Highest Channel / 64QAM

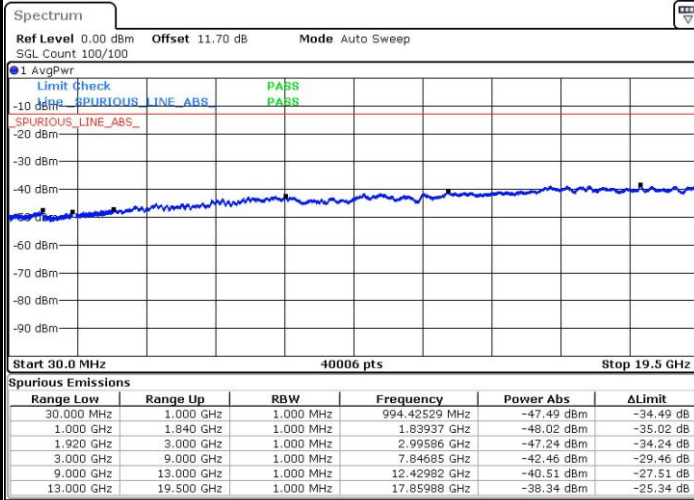


Date: 2 JAN 2019 23:05:52



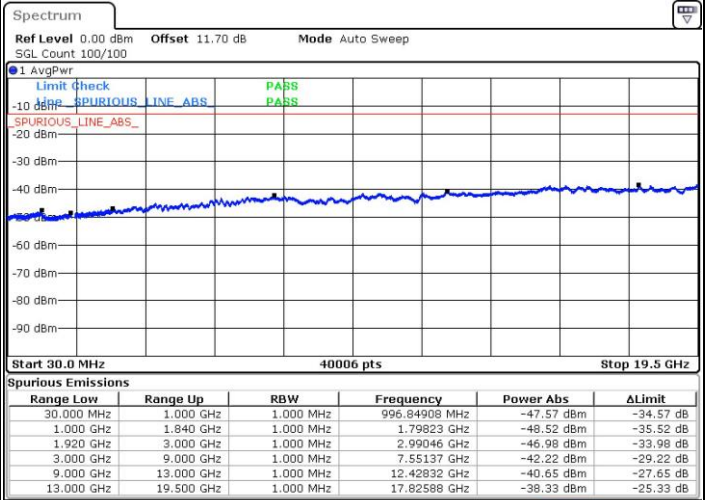
## LTE Band 25 / 5MHz

## Lowest Channel / 64QAM



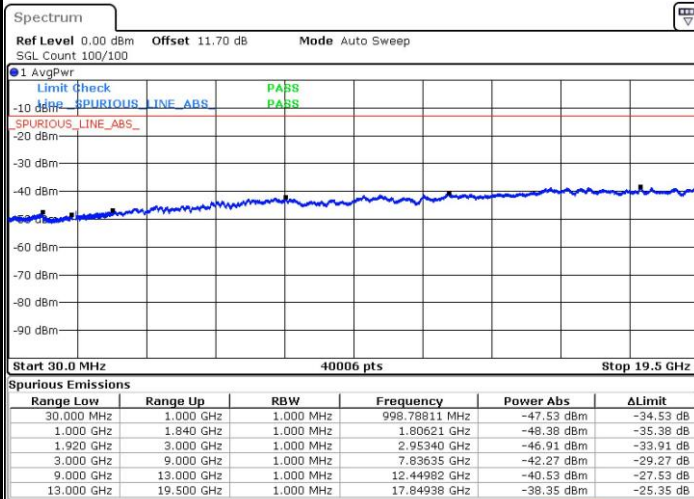
Date: 3 JAN 2019 00:27:16

## Middle Channel / 64QAM



Date: 3 JAN 2019 00:28:17

## Highest Channel / 64QAM

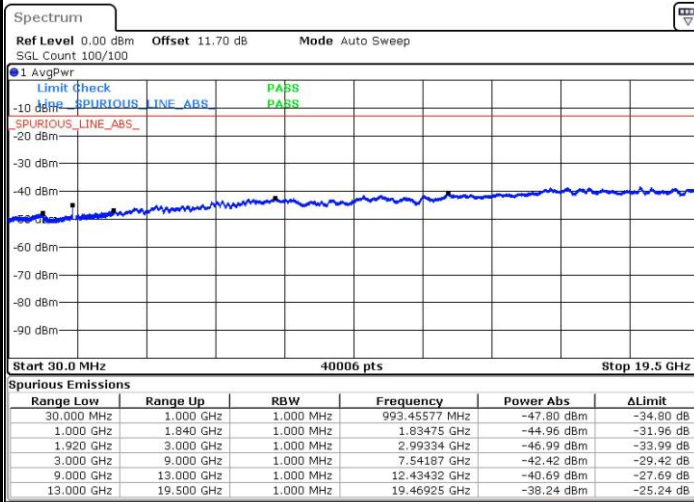


Date: 3 JAN 2019 00:29:18



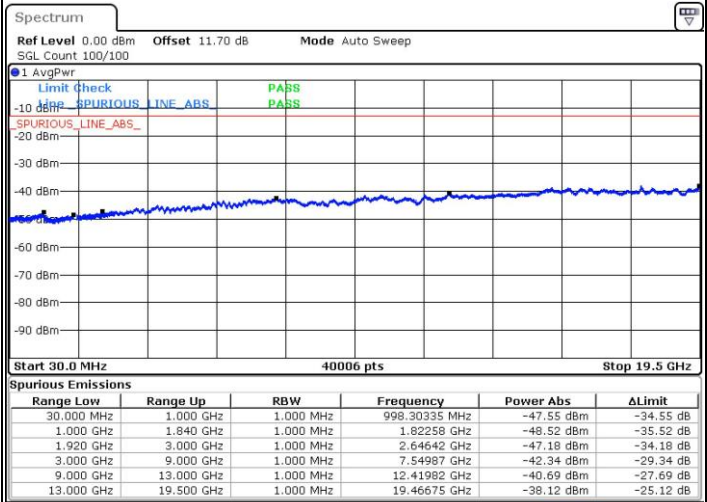
## LTE Band 25 / 10MHz

## Lowest Channel / 64QAM



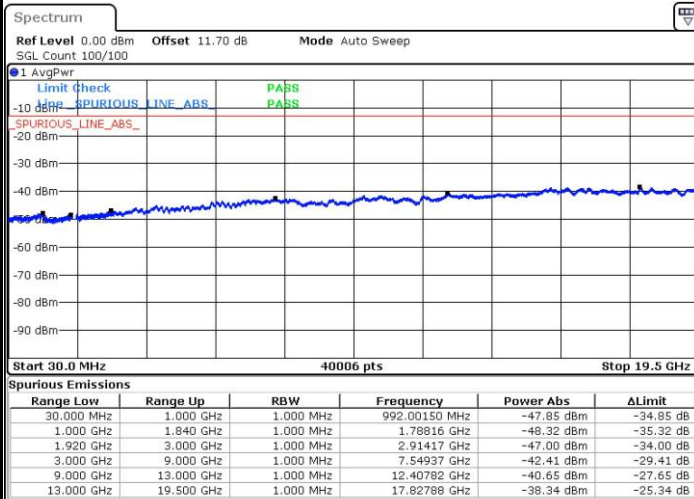
Date: 3.JAN.2019 00:30:20

## Middle Channel / 64QAM



Date: 3.JAN.2019 00:31:21

## Highest Channel / 64QAM

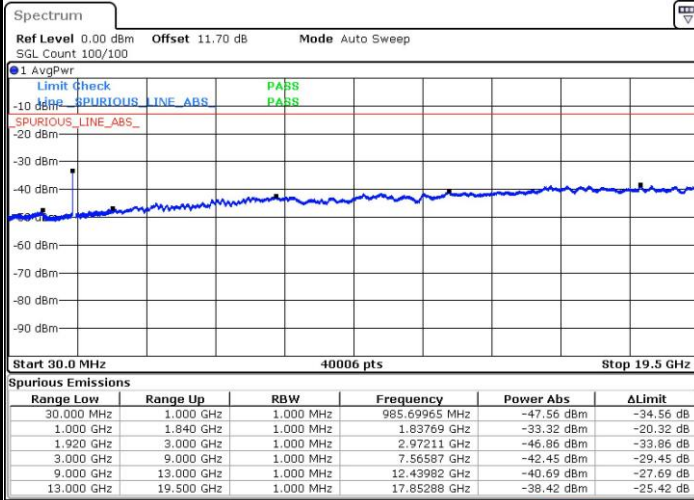


Date: 3.JAN.2019 00:32:23



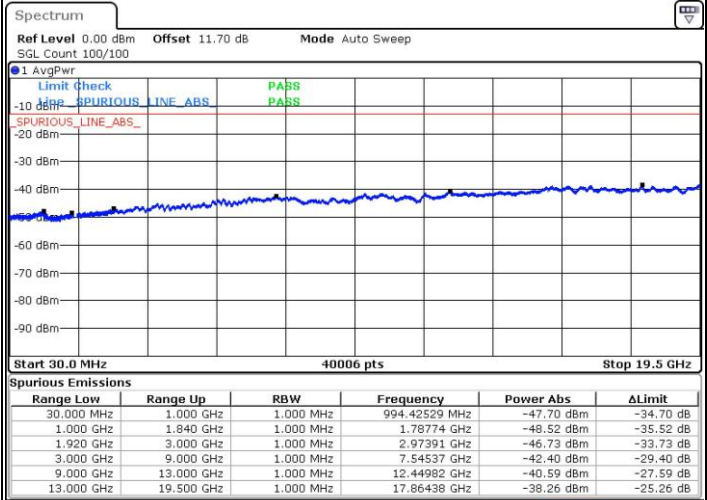
## LTE Band 25 / 15MHz

## Lowest Channel / 64QAM



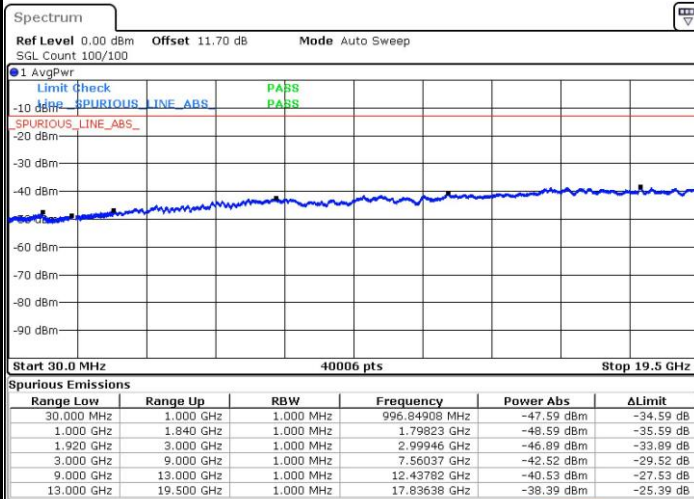
Date: 3 JAN 2019 00:33:25

## Middle Channel / 64QAM



Date: 3 JAN 2019 00:34:26

## Highest Channel / 64QAM

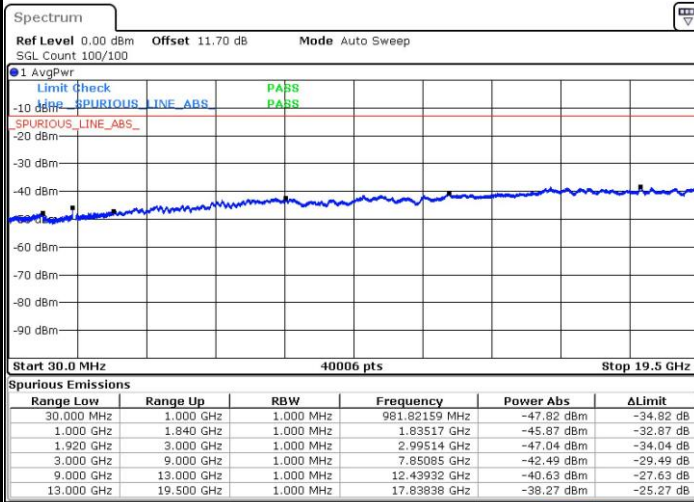


Date: 3 JAN 2019 00:35:27



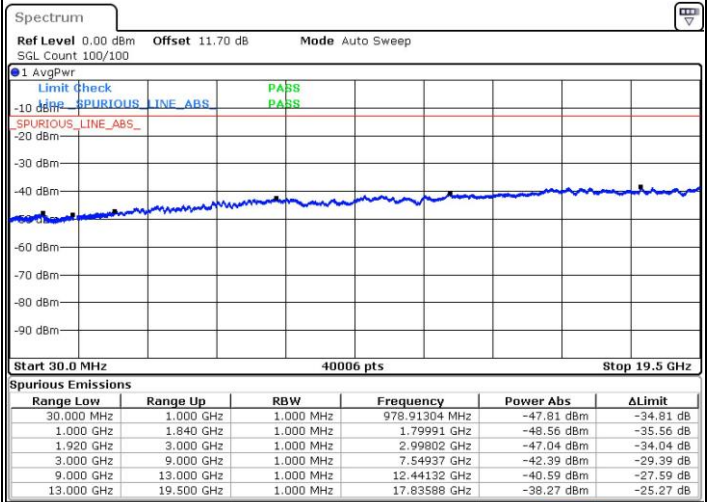
## LTE Band 25 / 20MHz

## Lowest Channel / 64QAM



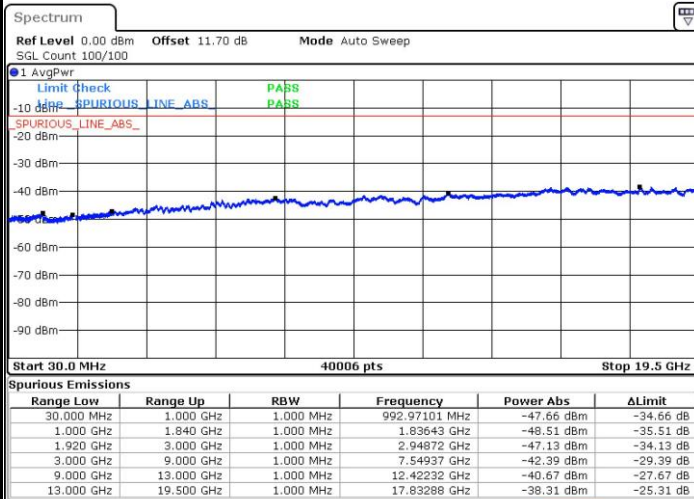
Date: 3.JAN.2019 00:36:29

## Middle Channel / 64QAM



Date: 3.JAN.2019 00:37:31

## Highest Channel / 64QAM



Date: 3.JAN.2019 00:38:32

## 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    | 0.0098                              | PASS    |
| 40               | Normal Voltage    | 0.0003                              |         |
| 30               | Normal Voltage    | 0.0013                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0094                              |         |
| 0                | Normal Voltage    | 0.0013                              |         |
| -10              | Normal Voltage    | 0.0002                              |         |
| -20              | Normal Voltage    | 0.0009                              |         |
| -30              | Normal Voltage    | 0.0004                              |         |
| 20               | Maximum Voltage   | 0.0085                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0097                              |         |

**Note:**

1. Normal Voltage =3.85 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

## LTE Band 26

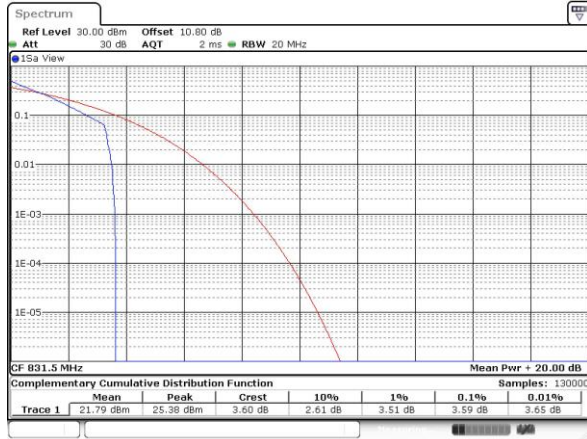
### Peak-to-Average Ratio

| Mode       | LTE Band 26 / 15MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 3.59                | 4.9     | 4.9   | 5.77    | PASS        |
| Middle CH  | 3.51                | 4.64    | 5.13  | 5.68    |             |
| Highest CH | 3.51                | 5.1     | 4.96  | 5.94    |             |
| Mode       | LTE Band 26 / 15MHz |         |       |         |             |
| Mod.       | 64QAM               |         |       |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB |       |         | Result      |
| Lowest CH  | 5.83                | 6.49    | -     | -       | PASS        |
| Middle CH  | 6.52                | 6.20    | -     | -       |             |
| Highest CH | 6.14                | 6.29    | -     | -       |             |

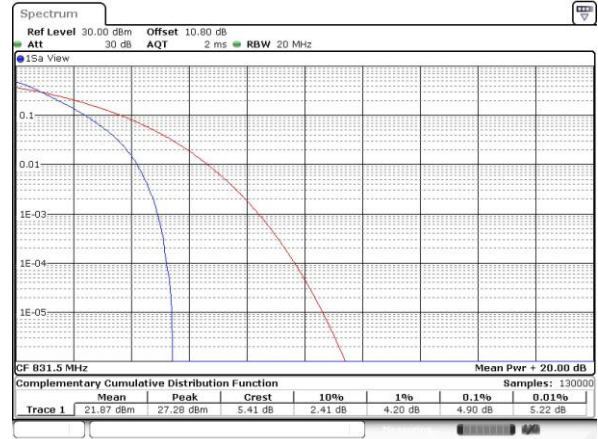


## LTE Band 26 / 15MHz / QPSK

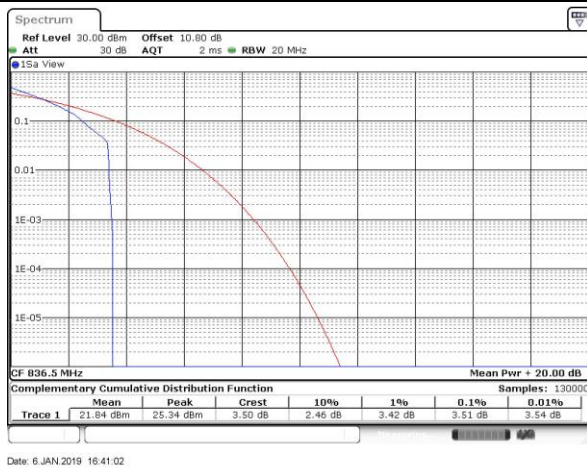
## Lowest Channel / 1RB



## Lowest Channel / Full RB



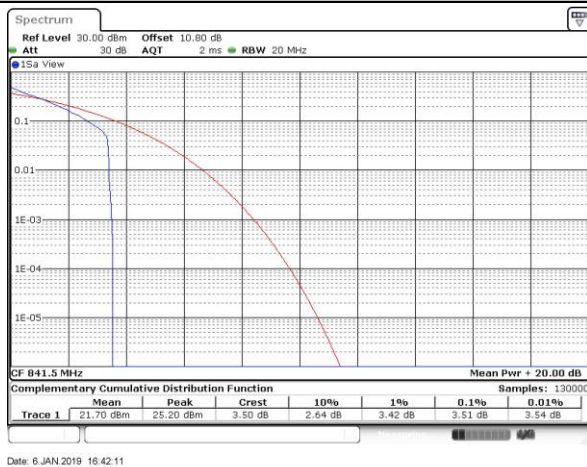
## Middle Channel / 1RB



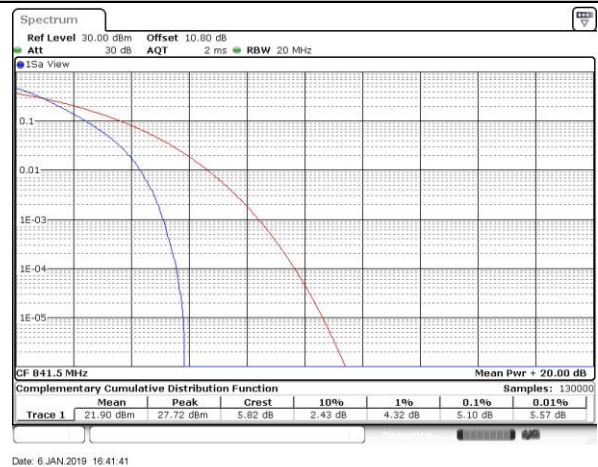
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



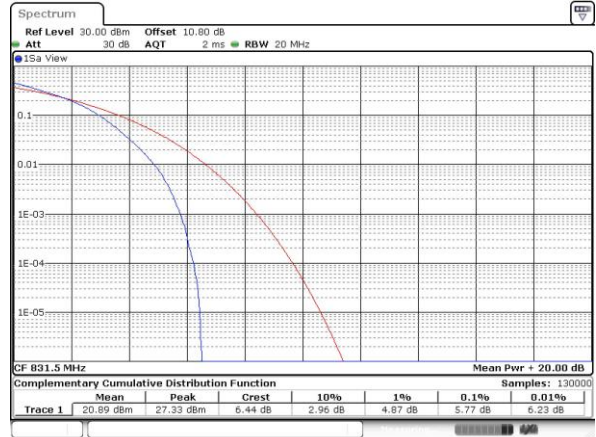


## LTE Band 26 / 15MHz / 16QAM

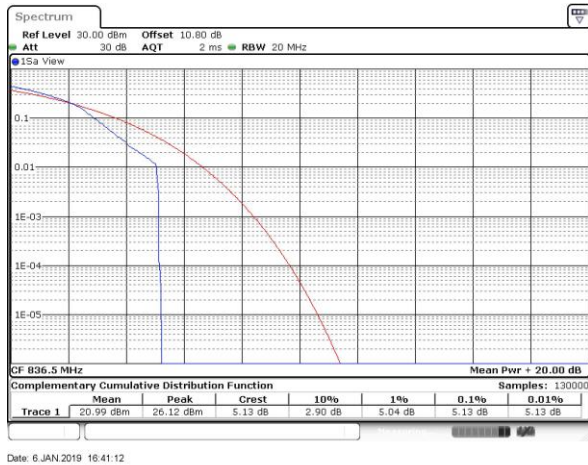
## Lowest Channel / 1RB



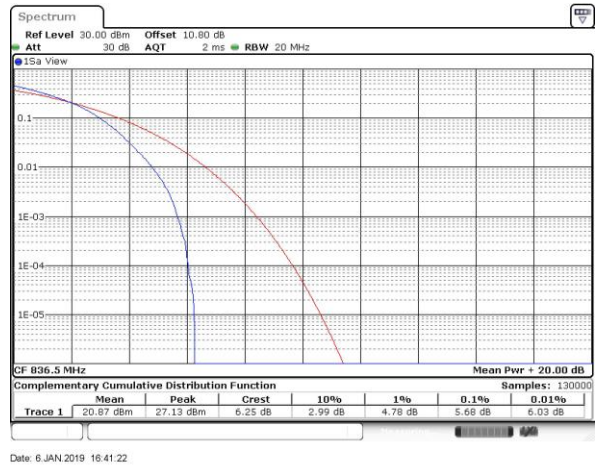
## Lowest Channel / Full RB



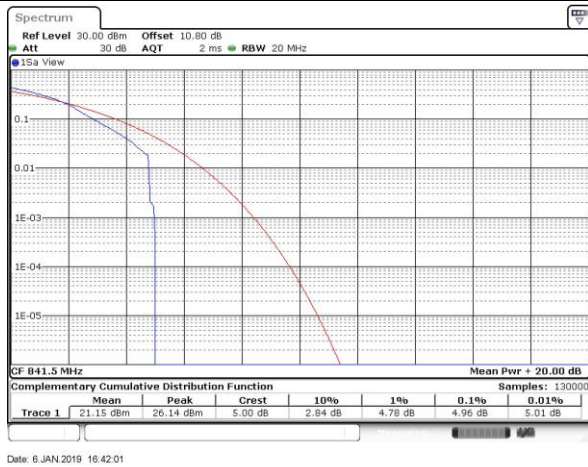
## Middle Channel / 1RB



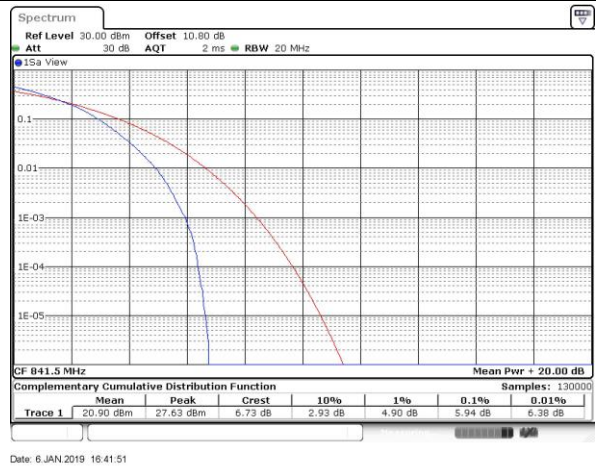
## Middle Channel / Full RB



## Highest Channel / 1RB



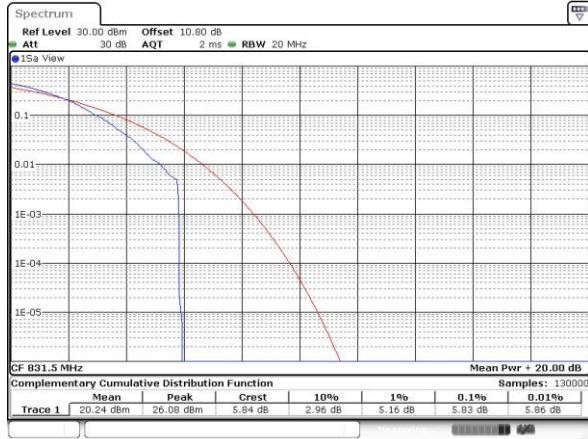
## Highest Channel / Full RB



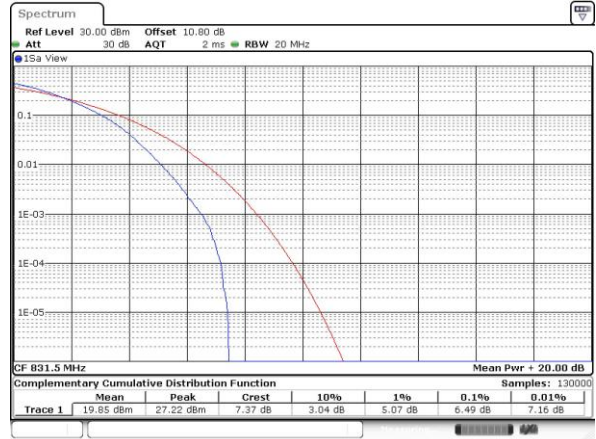


## LTE Band 26 / 15MHz / 64QAM

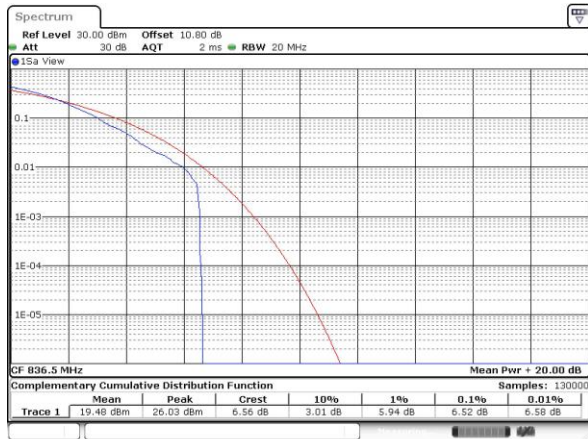
## Lowest Channel / 1RB



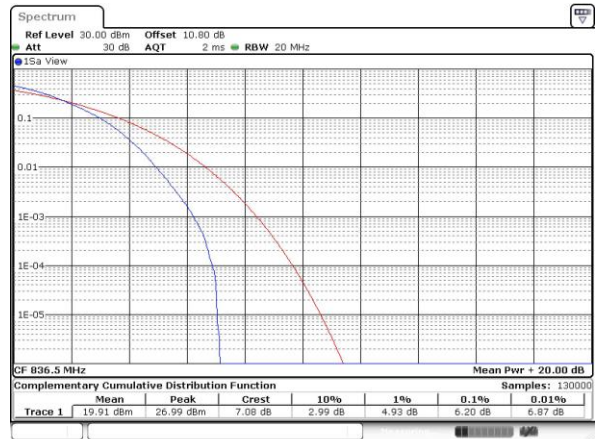
## Lowest Channel / Full RB



## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



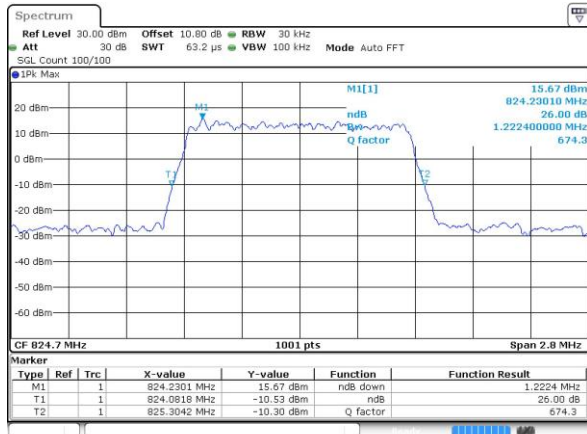
**26dB Bandwidth**

| 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  | 1.22                       | 1.23  | 2.97  | 2.98  | 4.89  | 4.86  | 9.87  | 9.77  | 14.21 | 14.36 | -     | -     |
| Middle CH  | 1.22                       | 1.22  | 3.00  | 2.99  | 4.94  | 4.86  | 9.79  | 9.71  | 14.27 | 14.12 | -     | -     |
| Highest CH | 1.24                       | 1.23  | 3.03  | 3.04  | 4.88  | 4.82  | 9.71  | 9.69  | 14.30 | 14.33 | -     | -     |
| Mode       | LTE Band 26 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                      |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | 1.24                       | -     | 3.02  | -     | 4.87  | -     | 9.79  | -     | 14.36 | -     | -     | -     |
| Middle CH  | 1.23                       | -     | 2.99  | -     | 4.96  | -     | 9.85  | -     | 14.51 | -     | -     | -     |
| Highest CH | 1.23                       | -     | 3.01  | -     | 4.83  | -     | 9.89  | -     | 14.30 | -     | -     | -     |

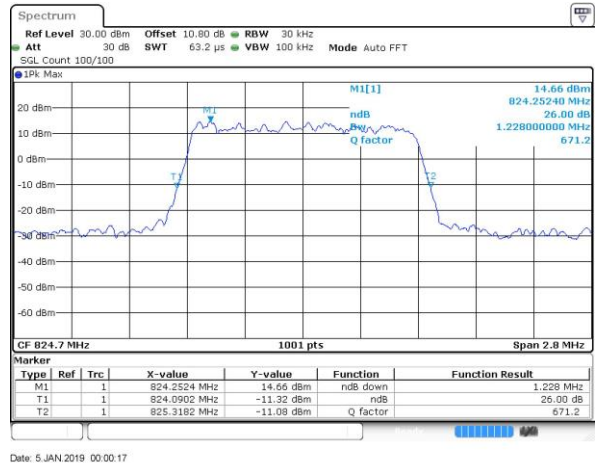


## LTE Band 26

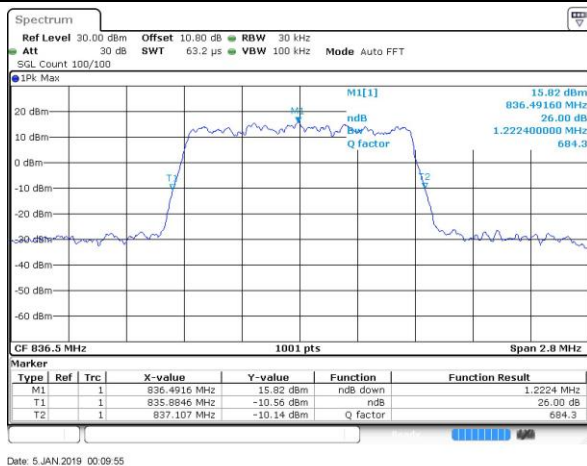
## Lowest Channel / 1.4MHz / QPSK



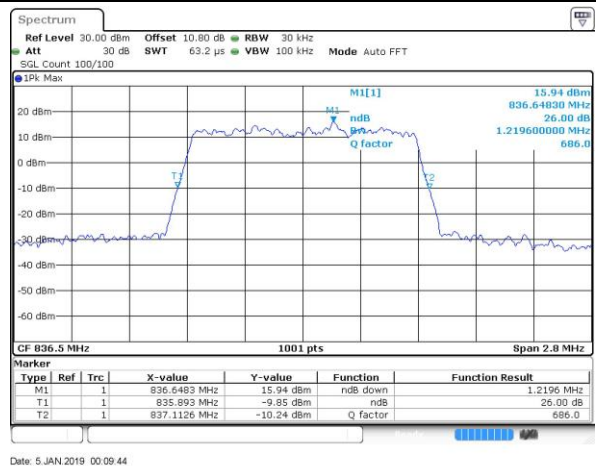
## Lowest Channel / 1.4MHz / 16QAM



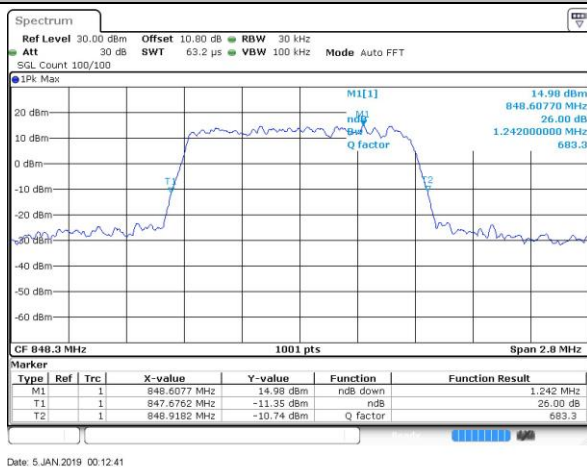
## Middle Channel / 1.4MHz / QPSK



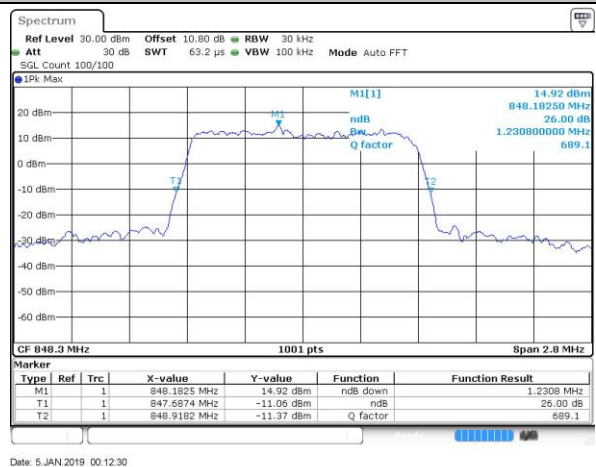
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



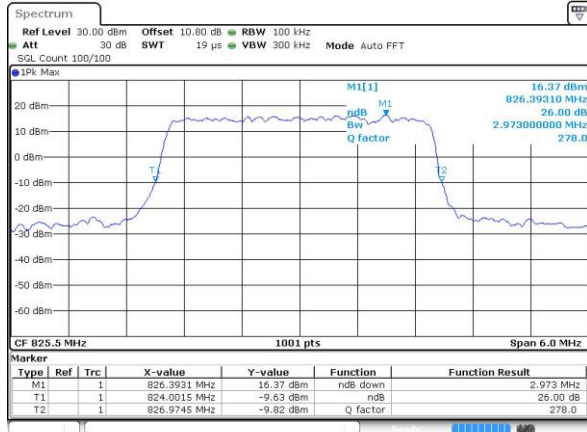
## Highest Channel / 1.4MHz / 16QAM





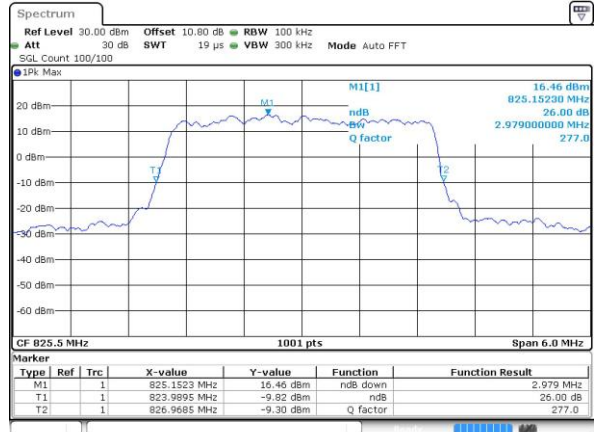
## LTE Band 26

## Lowest Channel / 3MHz / QPSK



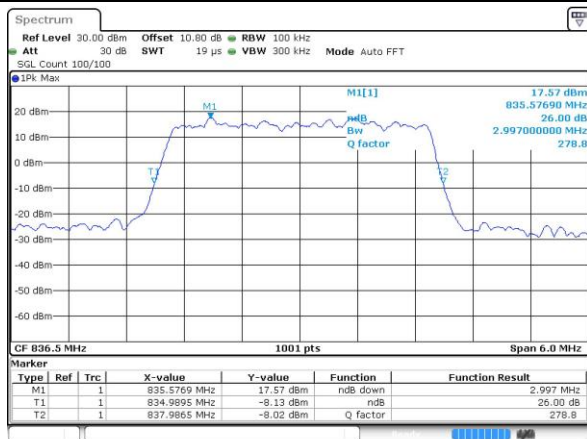
Date: 6 JAN 2019 15:28:32

## Lowest Channel / 3MHz / 16QAM



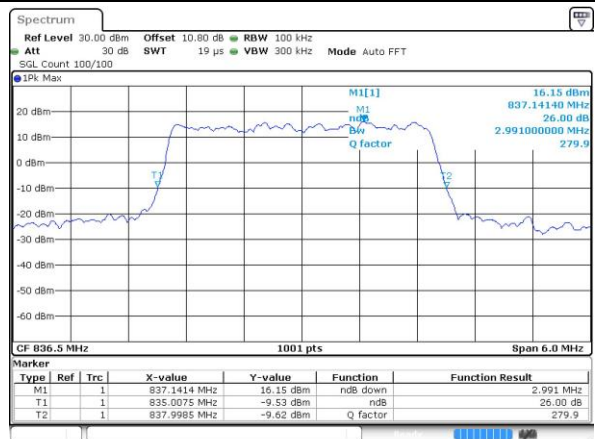
Date: 6 JAN 2019 15:28:21

## Middle Channel / 3MHz / QPSK



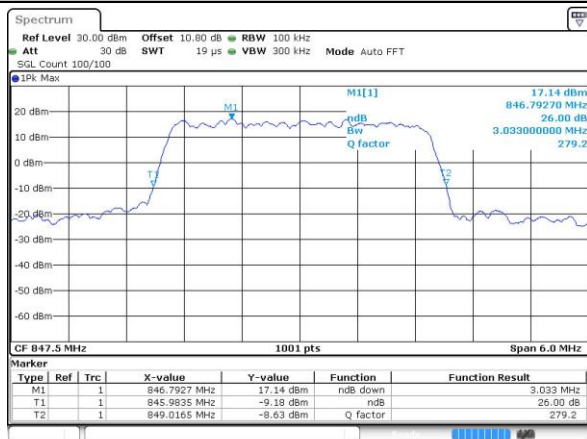
Date: 6 JAN 2019 15:35:19

## Middle Channel / 3MHz / 16QAM



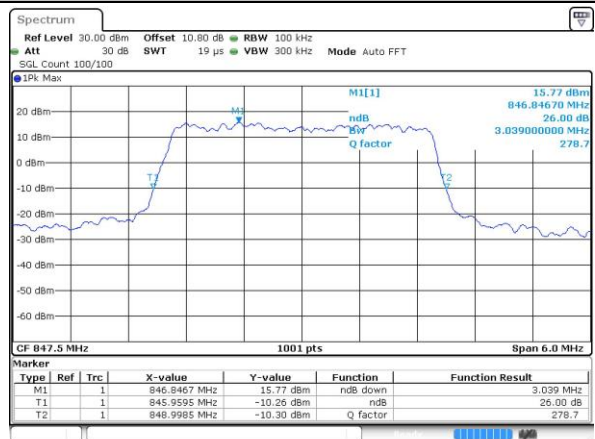
Date: 6 JAN 2019 15:35:07

## Highest Channel / 3MHz / QPSK



Date: 6 JAN 2019 15:38:05

## Highest Channel / 3MHz / 16QAM

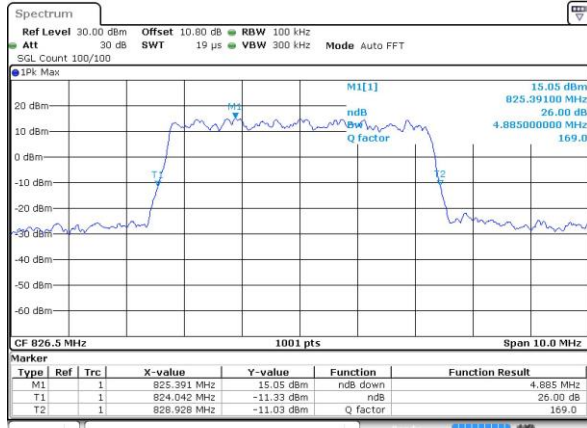


Date: 6 JAN 2019 15:37:54



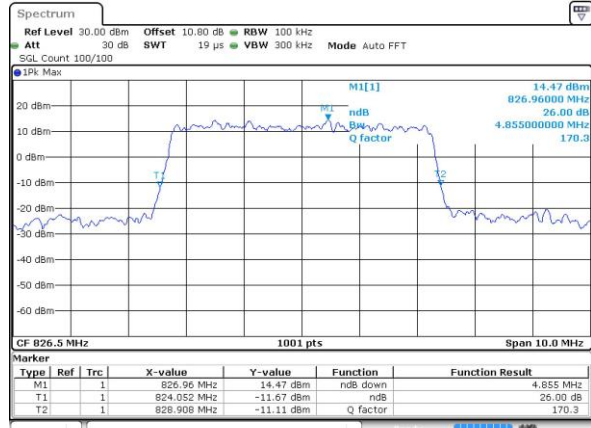
## LTE Band 26

## Lowest Channel / 5MHz / QPSK



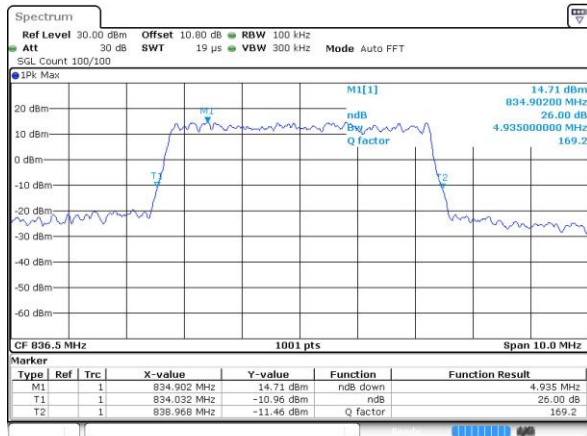
Date: 6 JAN 2019 15:44:52

## Lowest Channel / 5MHz / 16QAM



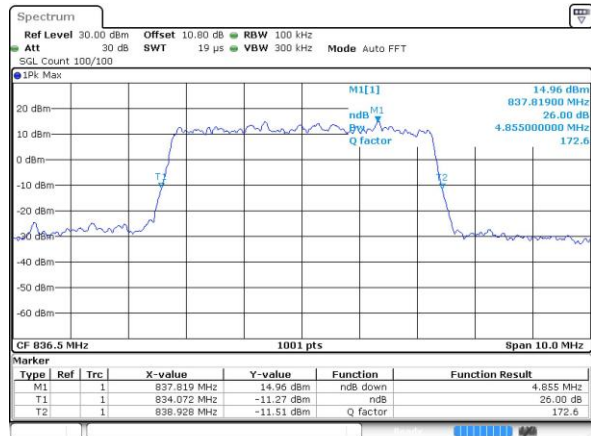
Date: 6 JAN 2019 15:44:40

## Middle Channel / 5MHz / QPSK



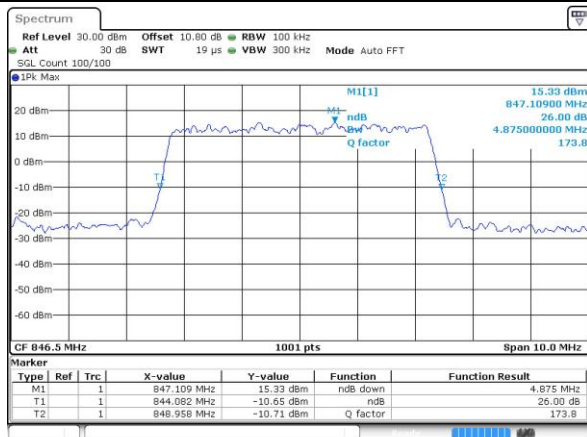
Date: 6 JAN 2019 15:51:38

## Middle Channel / 5MHz / 16QAM



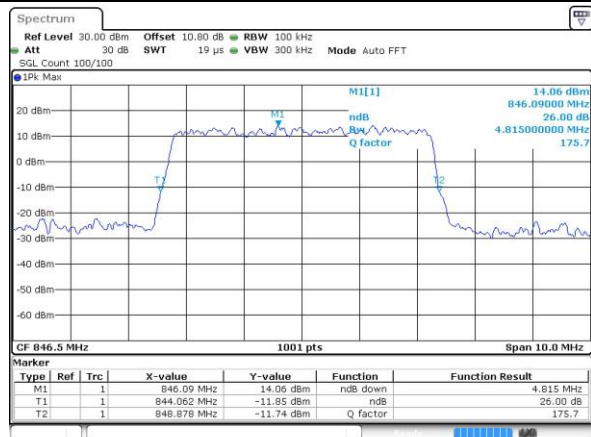
Date: 6 JAN 2019 15:51:27

## Highest Channel / 5MHz / QPSK



Date: 6 JAN 2019 15:54:24

## Highest Channel / 5MHz / 16QAM

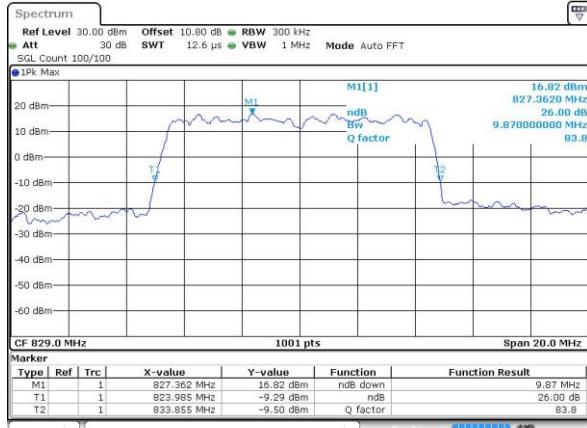


Date: 6 JAN 2019 15:54:13



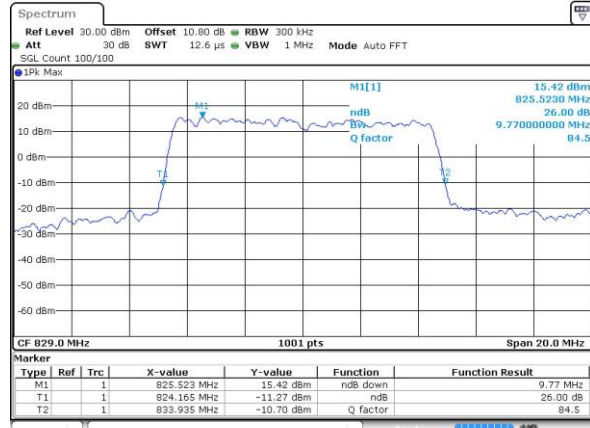
## LTE Band 26

## Lowest Channel / 10MHz / QPSK



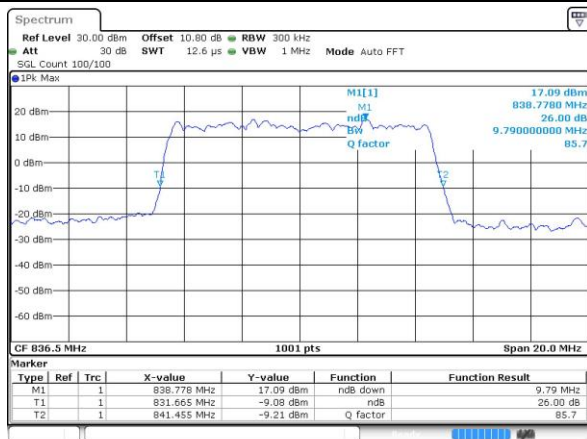
Date: 6 JAN 2019 16:01:11

## Lowest Channel / 10MHz / 16QAM



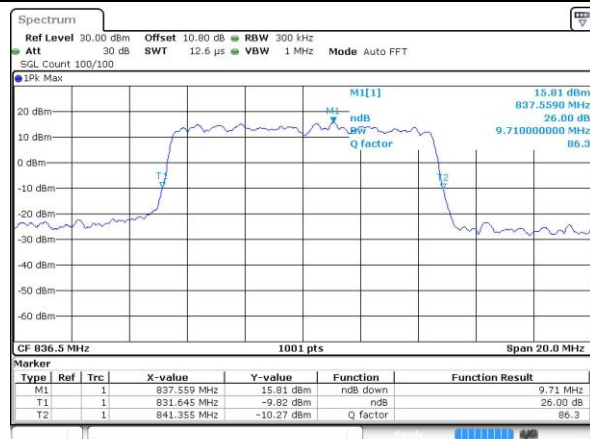
Date: 6 JAN 2019 16:01:00

## Middle Channel / 10MHz / QPSK



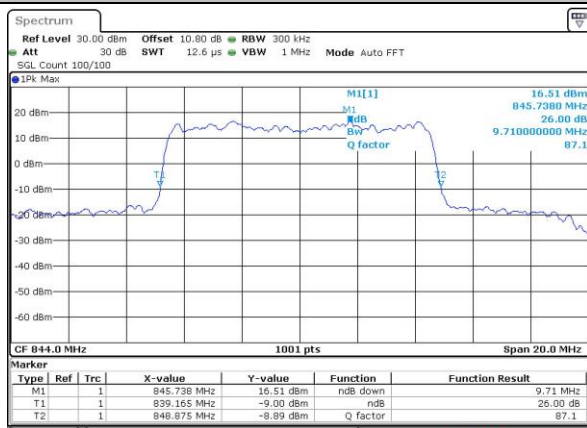
Date: 6 JAN 2019 16:07:58

## Middle Channel / 10MHz / 16QAM



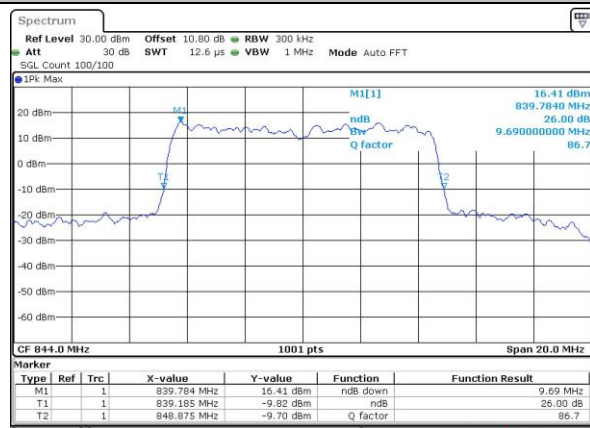
Date: 6 JAN 2019 16:07:46

## Highest Channel / 10MHz / QPSK



Date: 6 JAN 2019 16:10:44

## Highest Channel / 10MHz / 16QAM



Date: 6 JAN 2019 16:10:33