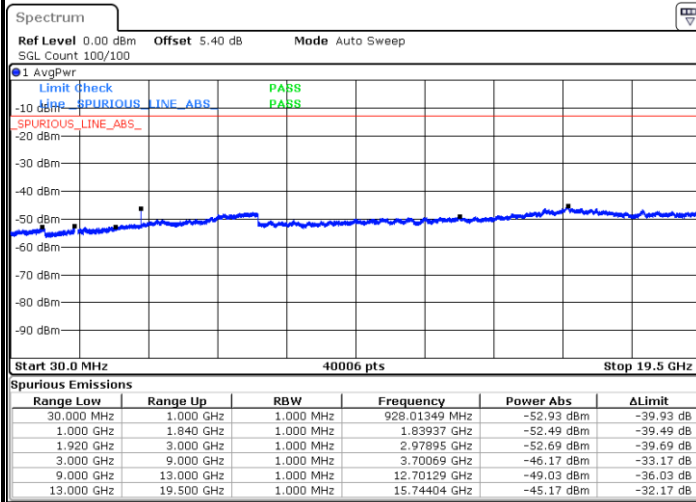




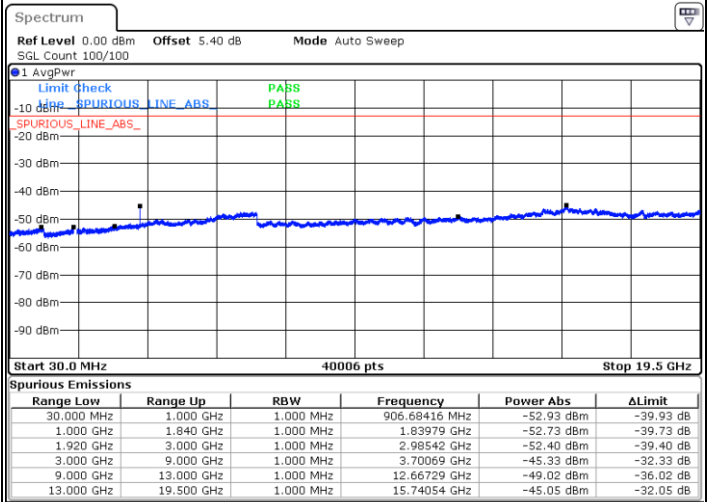
## LTE Band 25 / 5MHz

## Lowest Channel / QPSK



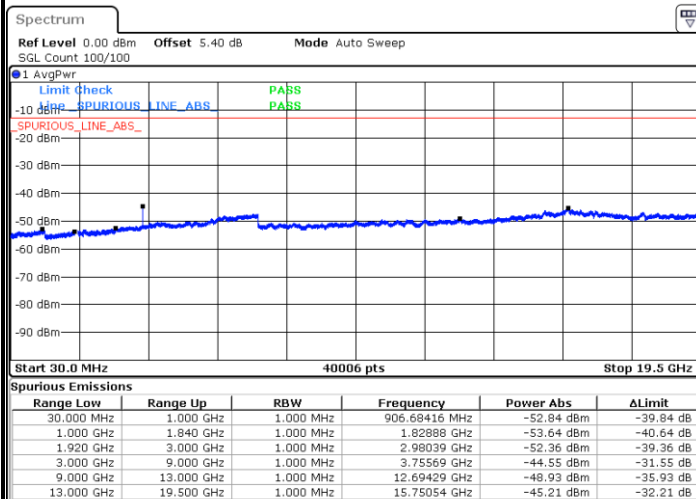
Date: 9.OCT.2019 22:47:11

## Lowest Channel / 16QAM



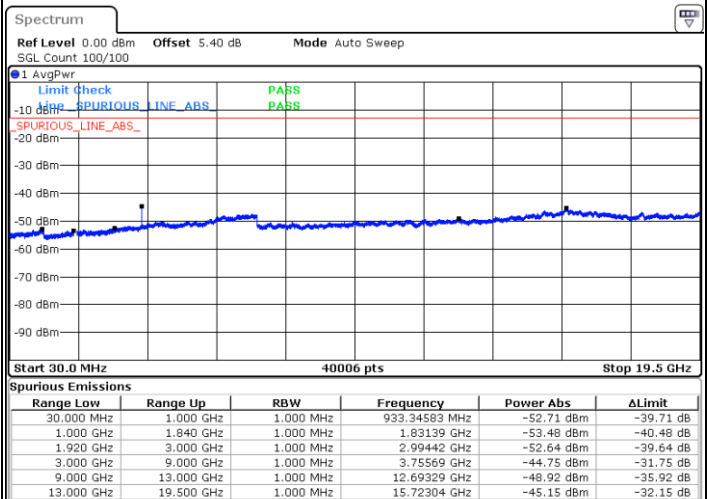
Date: 9.OCT.2019 22:46:16

## Middle Channel / QPSK



Date: 9.OCT.2019 22:48:06

## Middle Channel / 16QAM

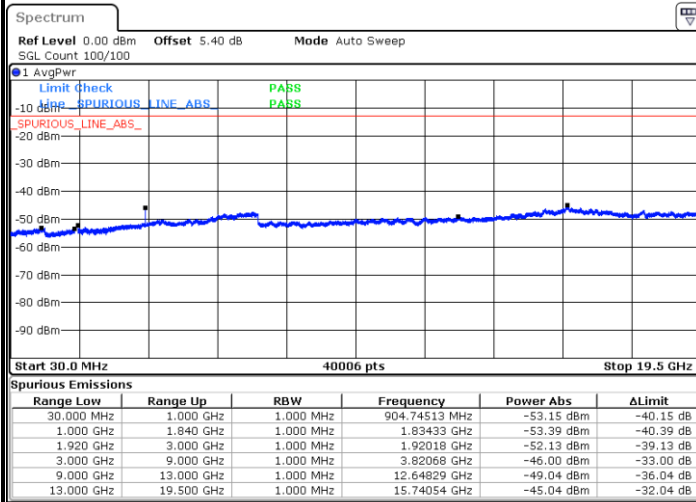


Date: 9.OCT.2019 22:49:00



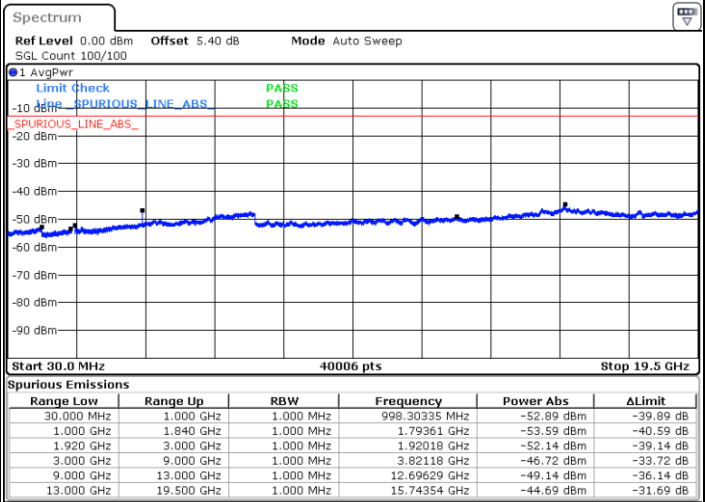
## LTE Band 25 / 5MHz

## Highest Channel / QPSK



Date: 9.OCT.2019 23:01:26

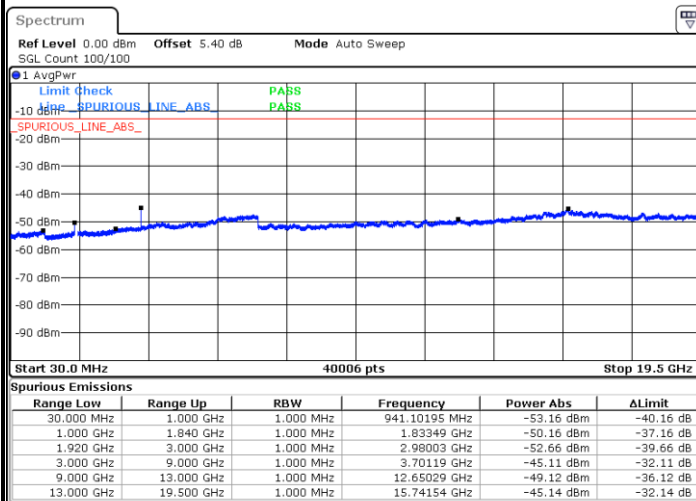
## Highest Channel / 16QAM



Date: 9.OCT.2019 23:00:31

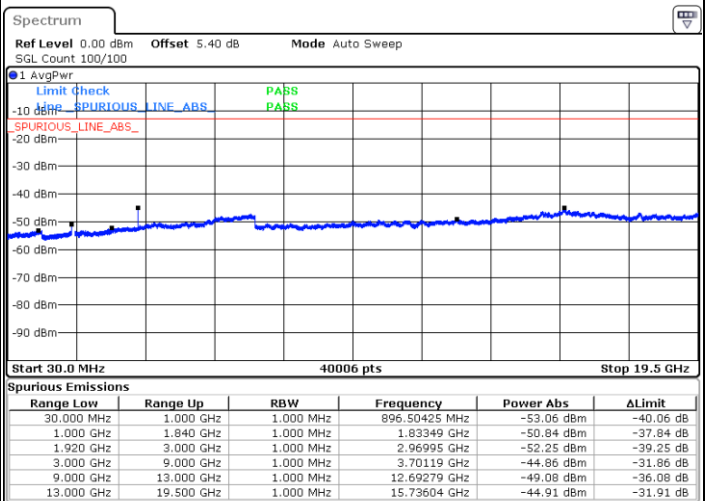
## LTE Band 25 / 10MHz

## Lowest Channel / QPSK



Date: 9.OCT.2019 23:11:56

## Lowest Channel / 16QAM

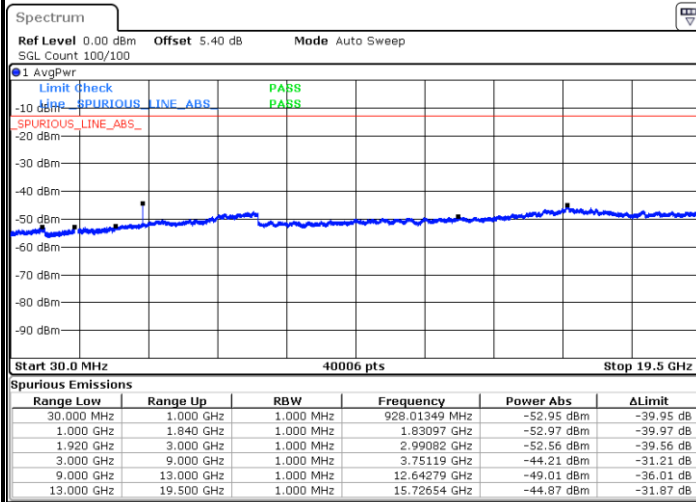


Date: 9.OCT.2019 23:11:01



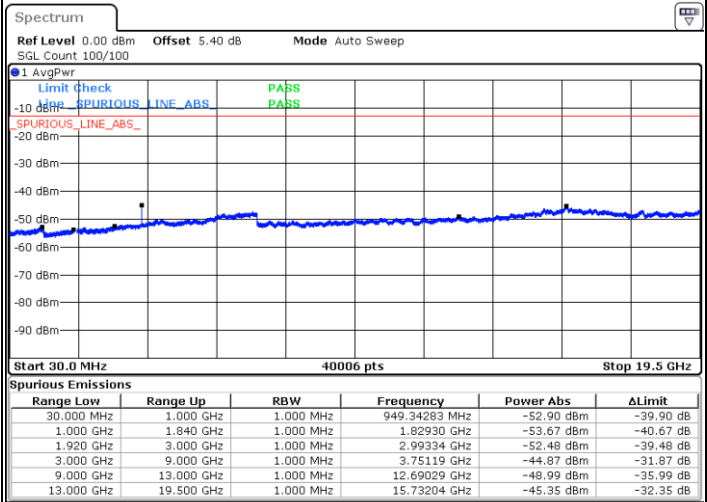
## LTE Band 25 / 10MHz

## Middle Channel / QPSK



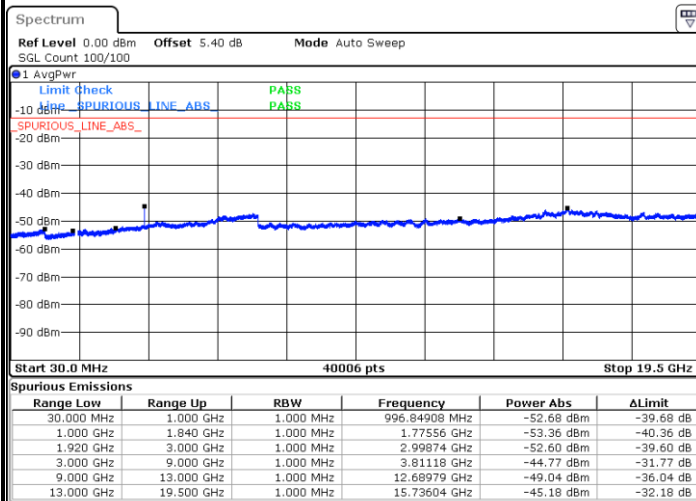
Date: 9.OCT.2019 23:12:51

## Middle Channel / 16QAM



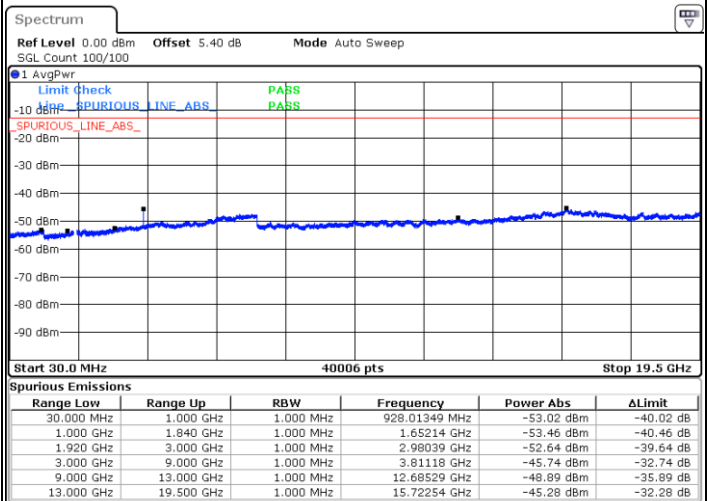
Date: 9.OCT.2019 23:13:46

## Highest Channel / QPSK



Date: 9.OCT.2019 23:26:12

## Highest Channel / 16QAM

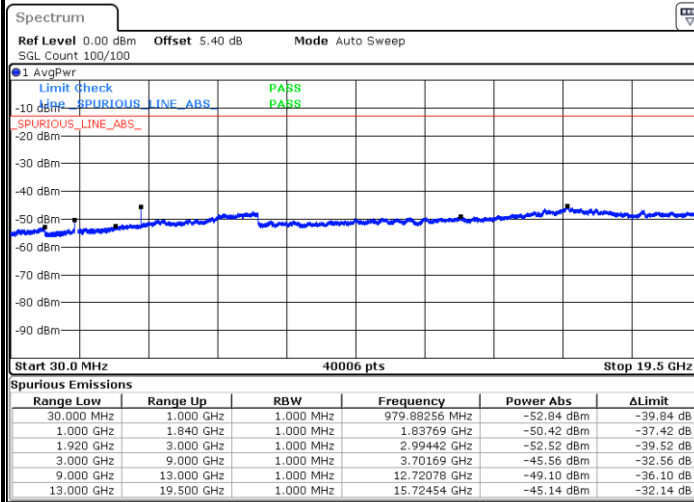


Date: 9.OCT.2019 23:25:17



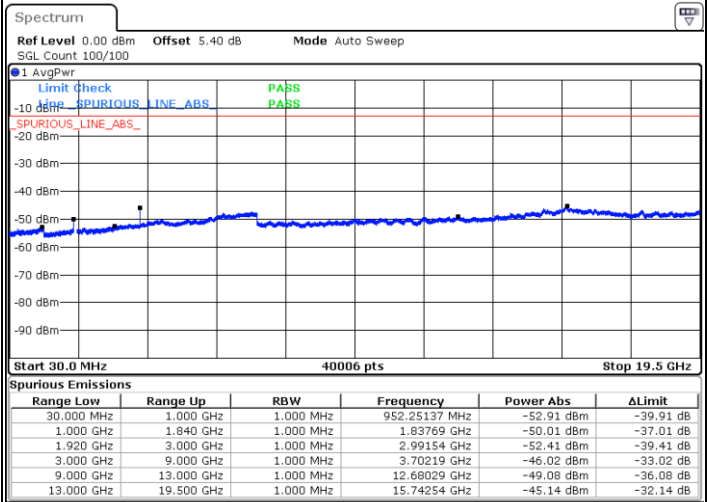
## LTE Band 25 / 15MHz

## Lowest Channel / QPSK



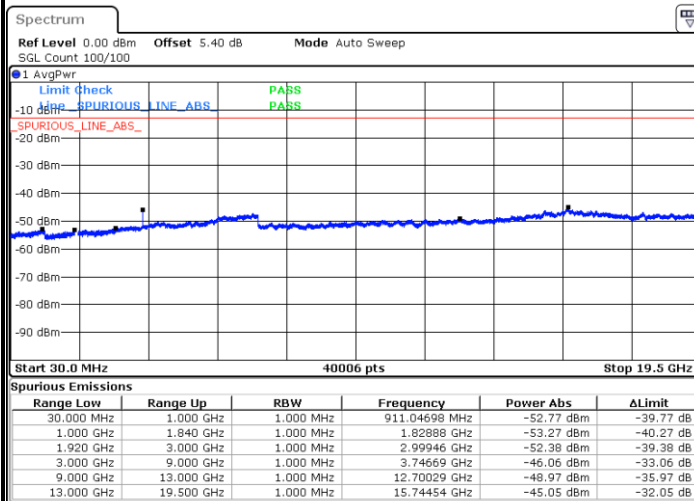
Date: 9 OCT.2019 23:36:42

## Lowest Channel / 16QAM



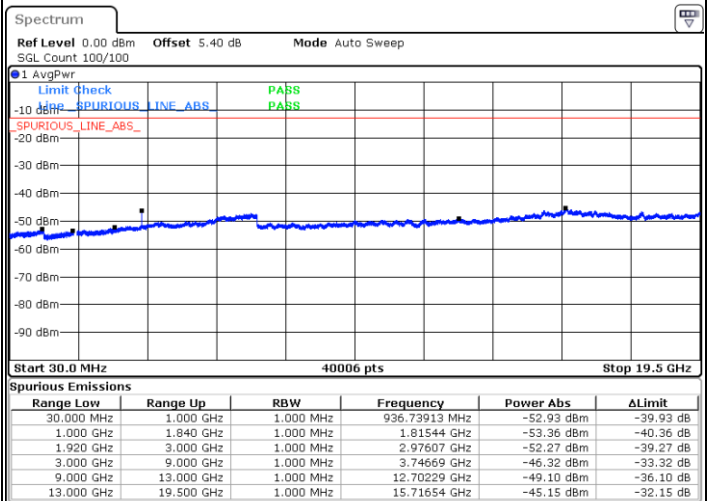
Date: 9 OCT.2019 23:35:47

## Middle Channel / QPSK



Date: 9 OCT.2019 23:37:37

## Middle Channel / 16QAM

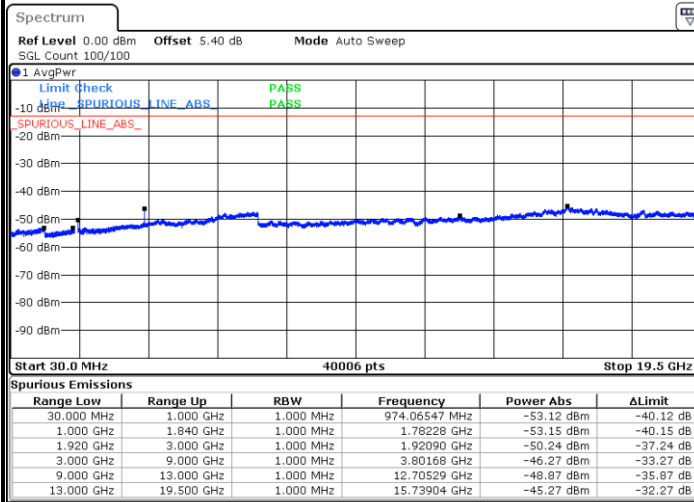


Date: 9 OCT.2019 23:38:32



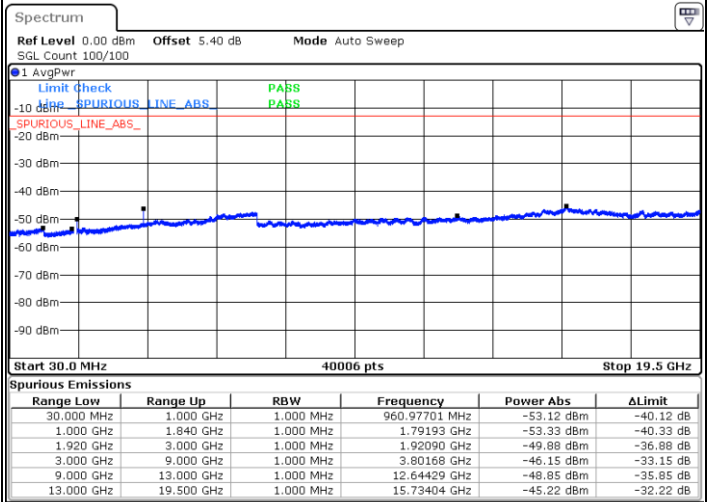
## LTE Band 25 / 15MHz

## Highest Channel / QPSK



Date: 9 OCT.2019 23:50:58

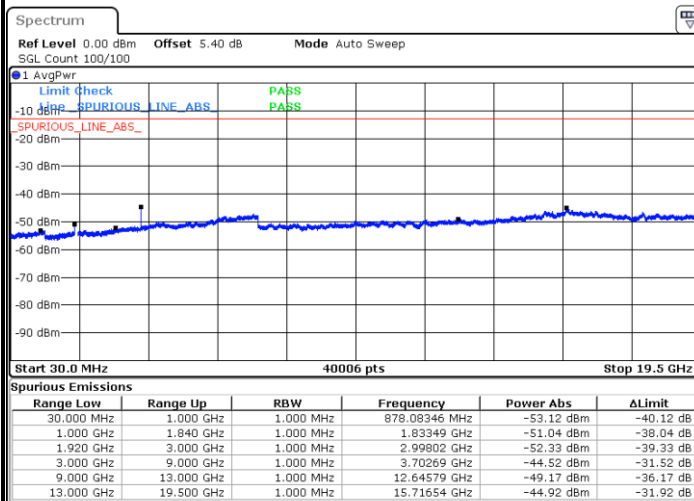
## Highest Channel / 16QAM



Date: 9 OCT.2019 23:50:04

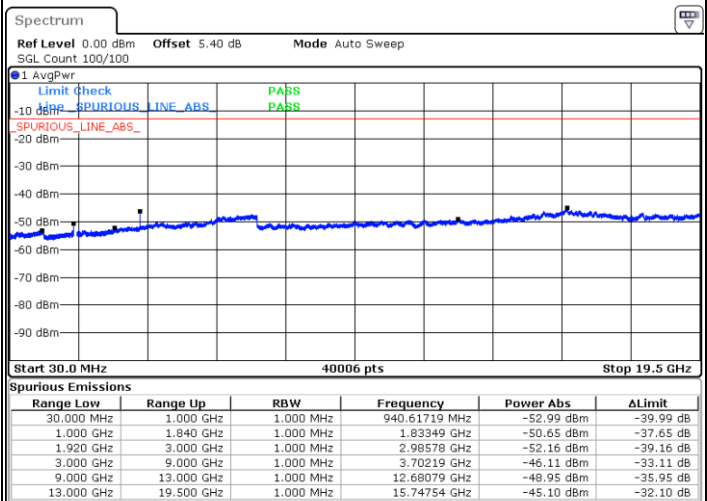
## LTE Band 25 / 20MHz

## Lowest Channel / QPSK



Date: 10 OCT.2019 00:01:28

## Lowest Channel / 16QAM

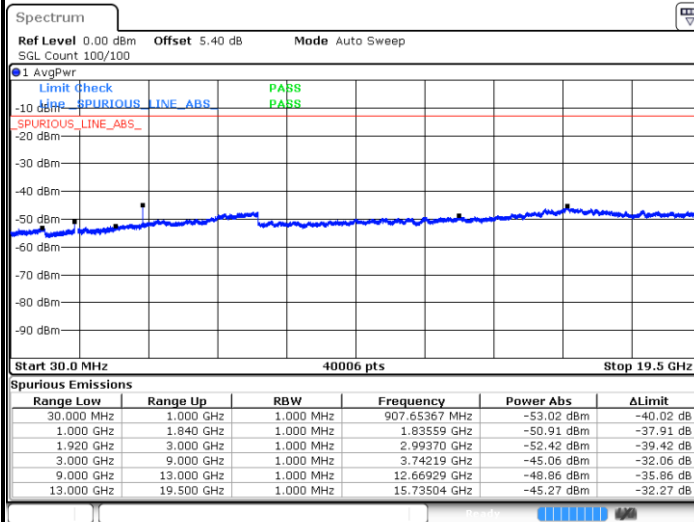


Date: 10 OCT.2019 00:00:34



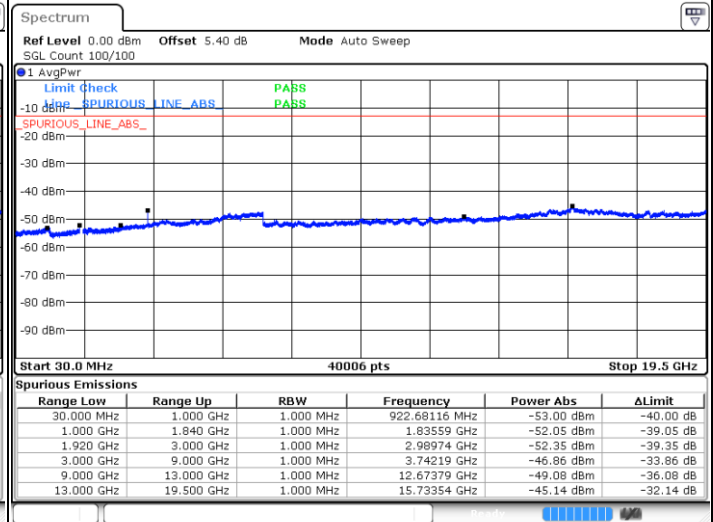
## LTE Band 25 / 20MHz

## Middle Channel / QPSK



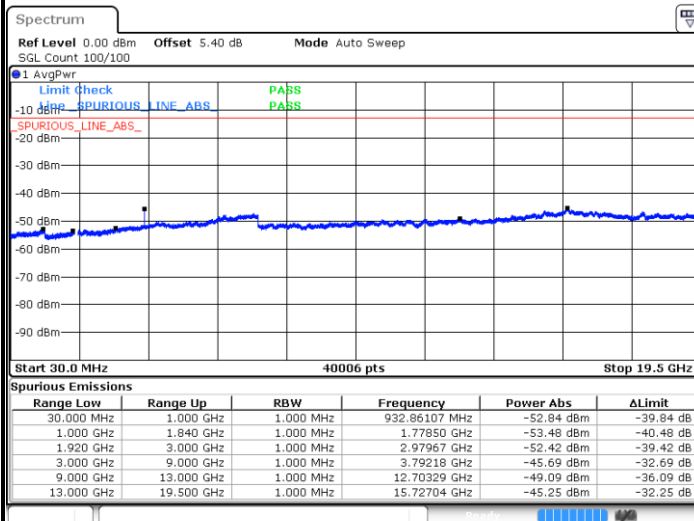
Date: 10.OCT.2019 00:29:06

## Middle Channel / 16QAM



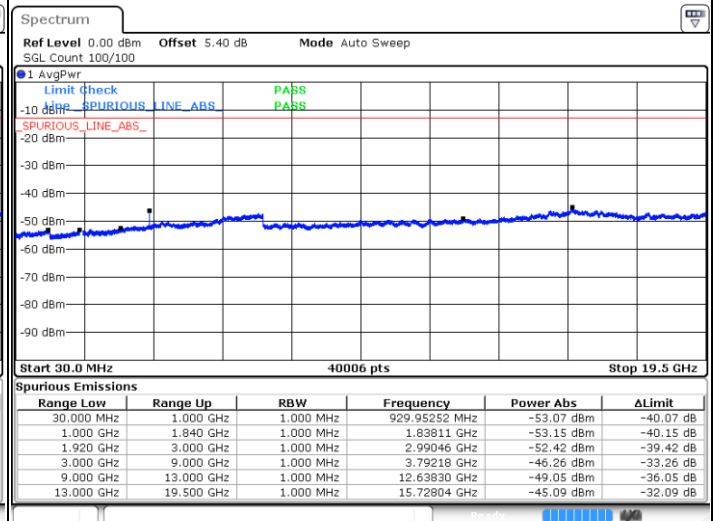
Date: 10.OCT.2019 00:03:18

## Highest Channel / QPSK



Date: 10.OCT.2019 00:15:44

## Highest Channel / 16QAM

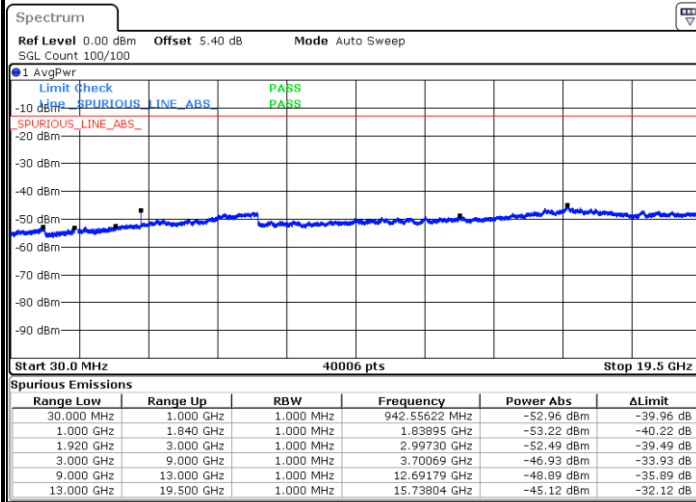


Date: 10.OCT.2019 00:14:49



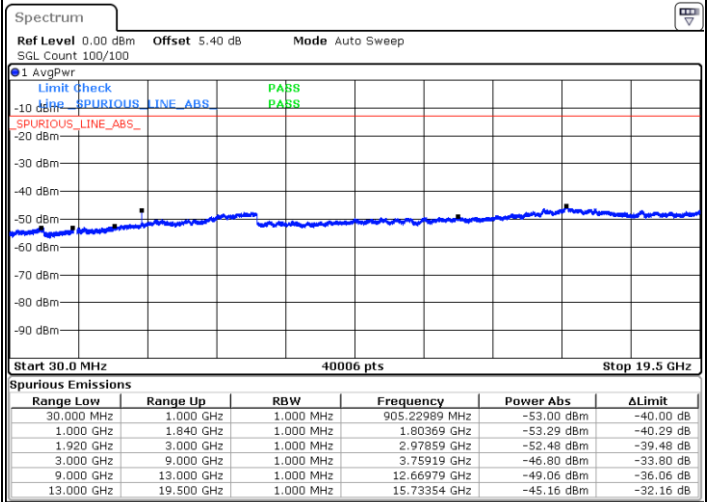
## LTE Band 25 / 1.4MHz

## Lowest Channel / 64QAM



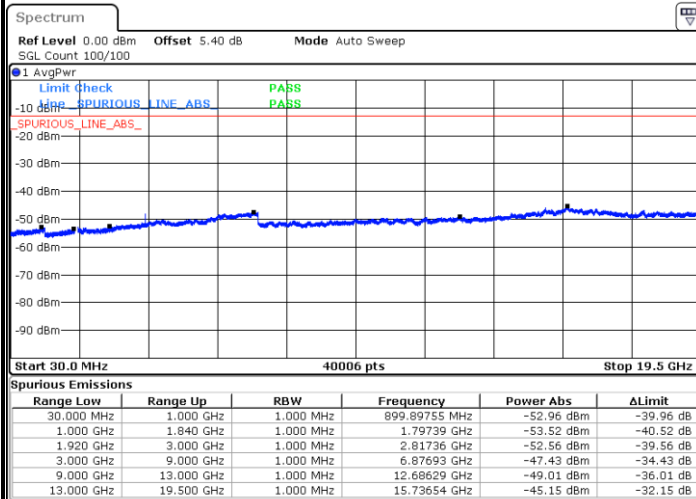
Date: 9.OCT.2019 21:52:54

## Middle Channel / 64QAM



Date: 9.OCT.2019 21:55:39

## Highest Channel / 64QAM

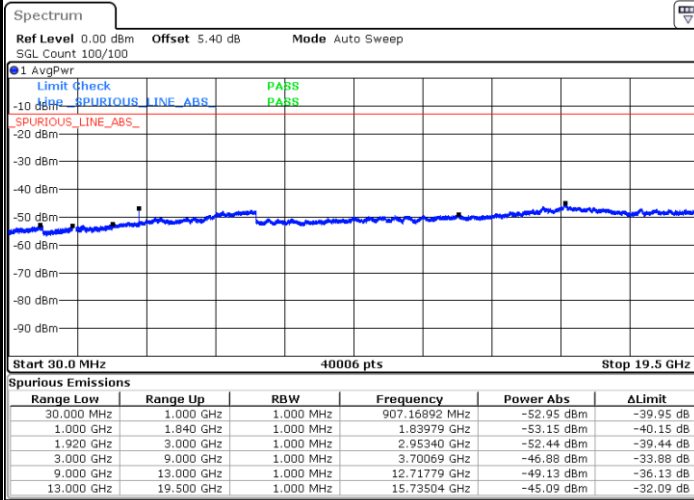


Date: 9.OCT.2019 21:58:23



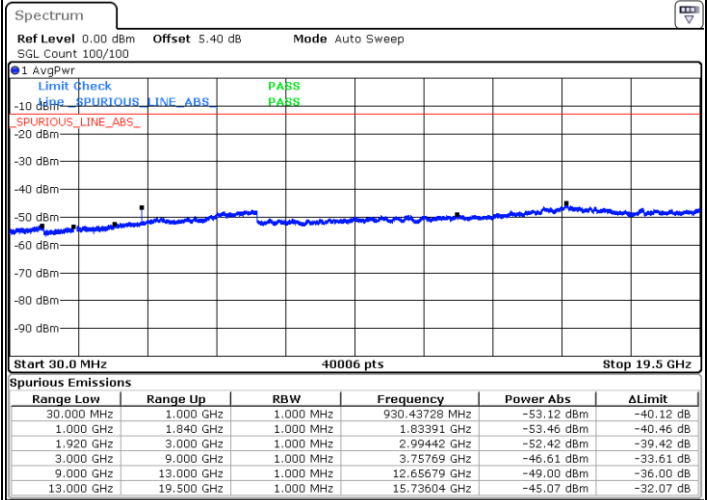
## LTE Band 25 / 3MHz

## Lowest Channel / 64QAM



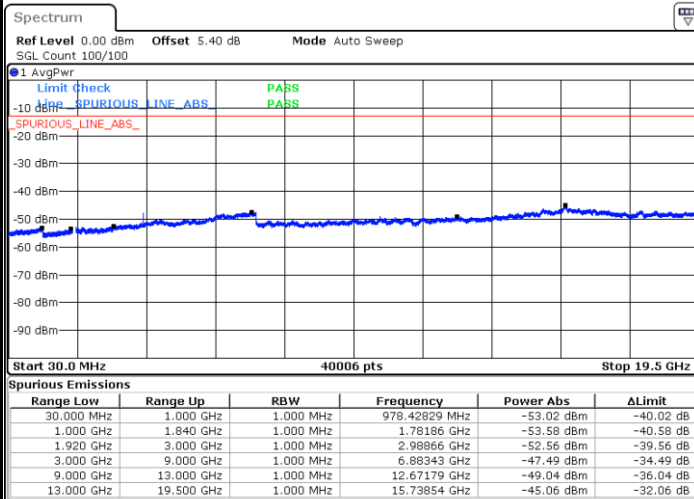
Date: 9.OCT.2019 22:31:11

## Middle Channel / 64QAM



Date: 9.OCT.2019 22:33:56

## Highest Channel / 64QAM

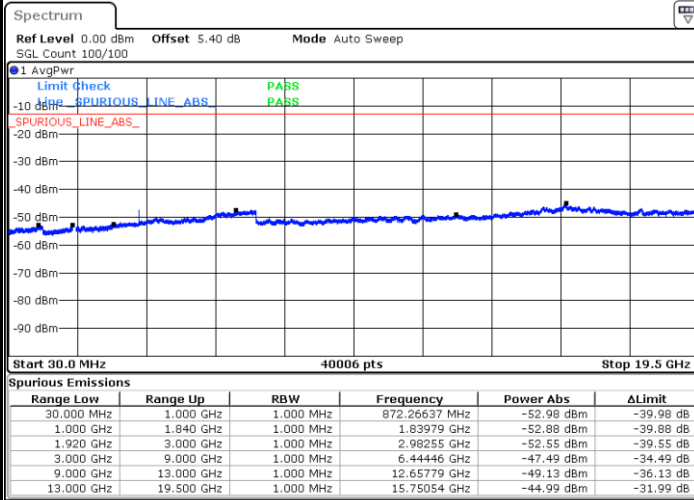


Date: 9.OCT.2019 22:36:40



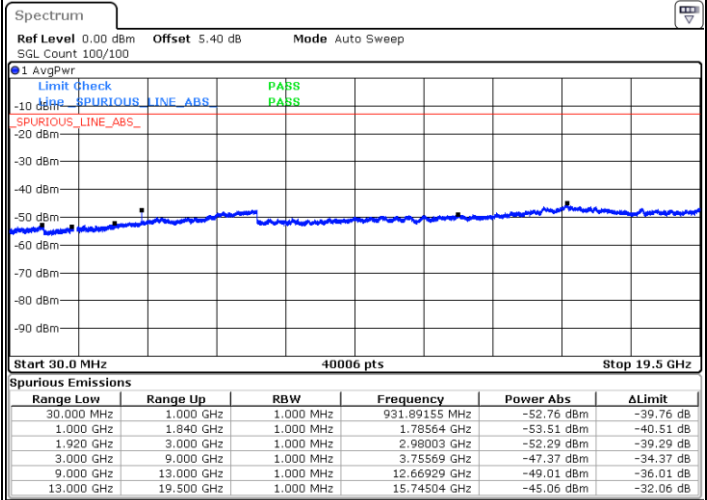
## LTE Band 25 / 5MHz

## Lowest Channel / 64QAM



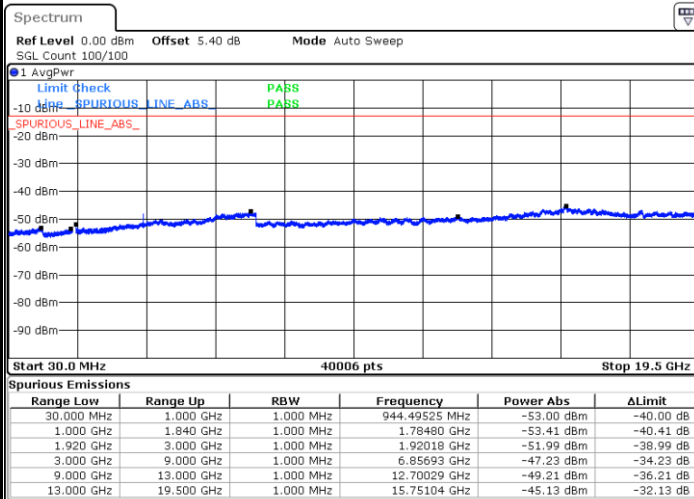
Date: 9.OCT.2019 22:45:21

## Middle Channel / 64QAM



Date: 9.OCT.2019 22:49:55

## Highest Channel / 64QAM

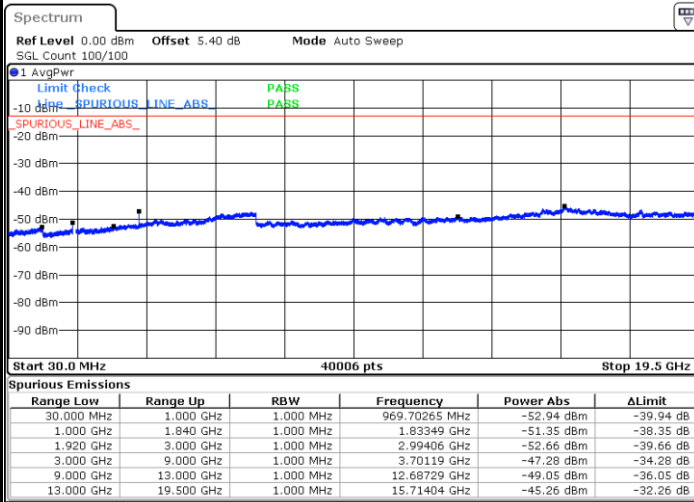


Date: 9.OCT.2019 22:59:36



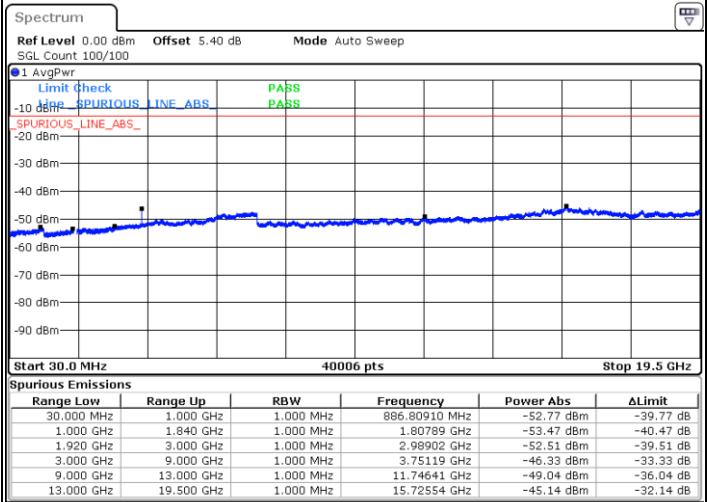
## LTE Band 25 / 10MHz

## Lowest Channel / 64QAM



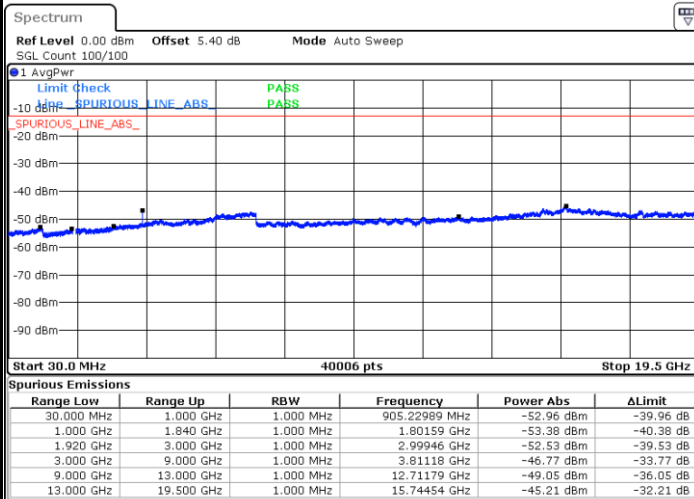
Date: 9.OCT.2019 23:10:06

## Middle Channel / 64QAM



Date: 9.OCT.2019 23:14:41

## Highest Channel / 64QAM

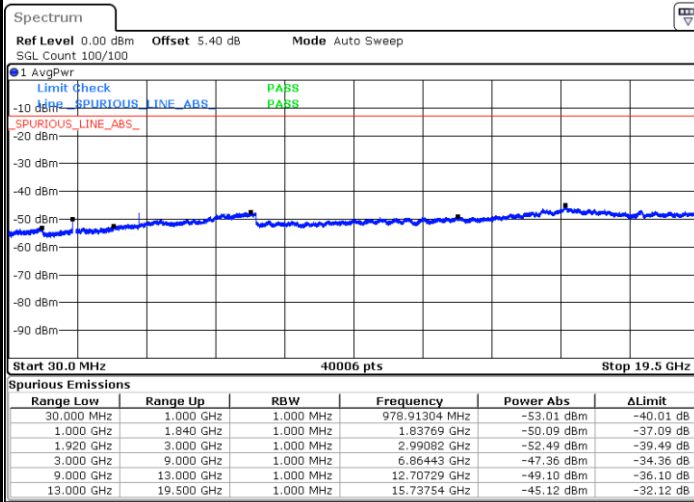


Date: 9.OCT.2019 23:24:22



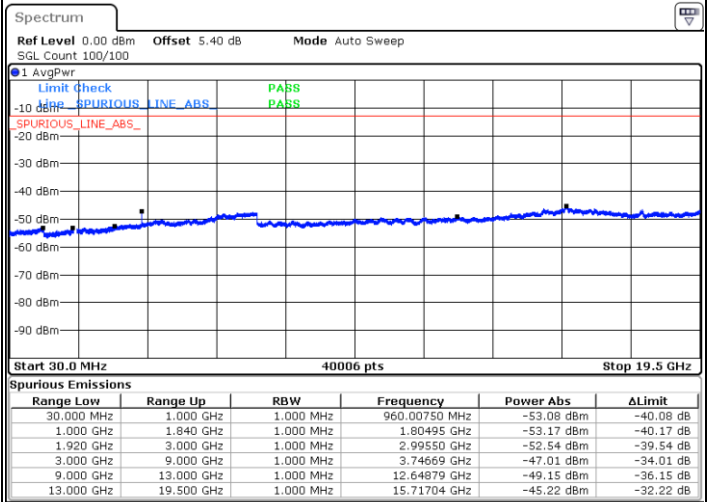
## LTE Band 25 / 15MHz

## Lowest Channel / 64QAM



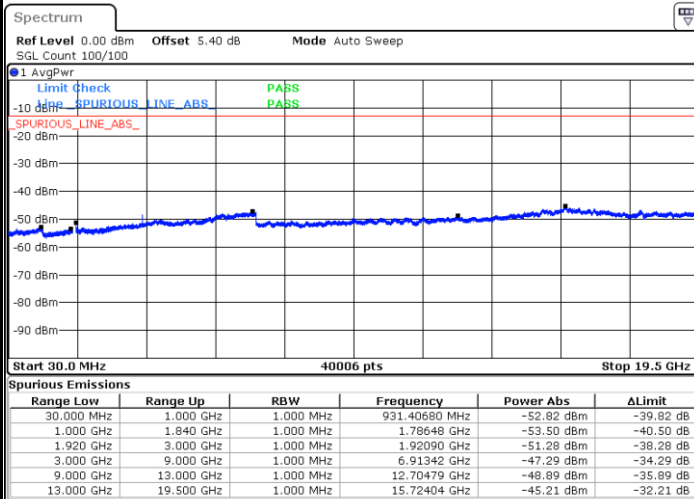
Date: 9.OCT.2019 23:34:52

## Middle Channel / 64QAM



Date: 9.OCT.2019 23:39:27

## Highest Channel / 64QAM

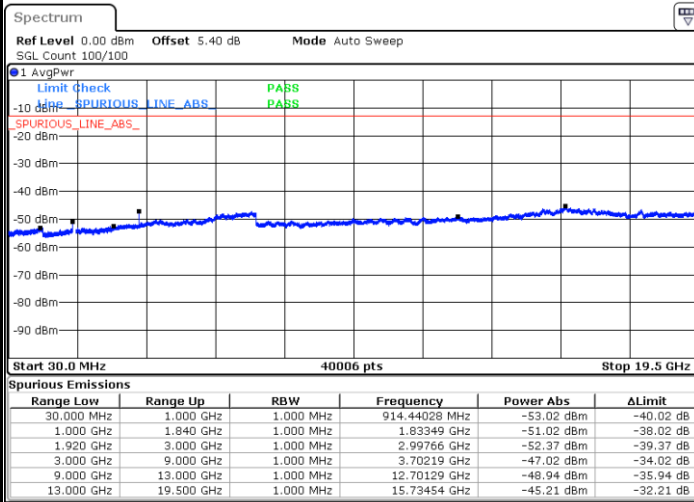


Date: 9.OCT.2019 23:49:09



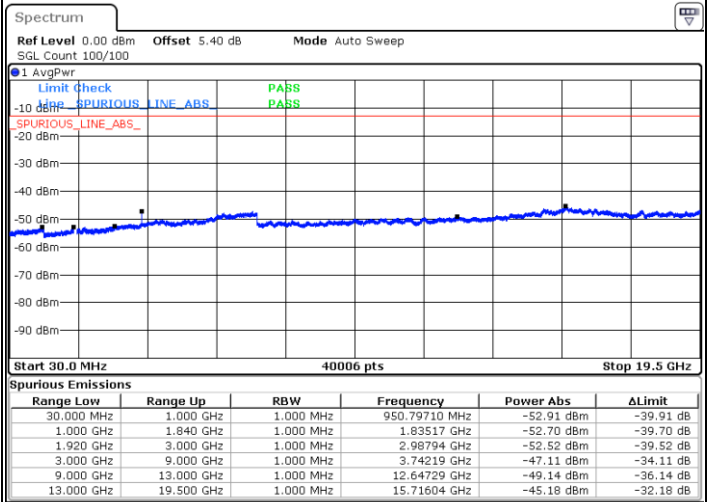
## LTE Band 25 / 20MHz

## Lowest Channel / 64QAM



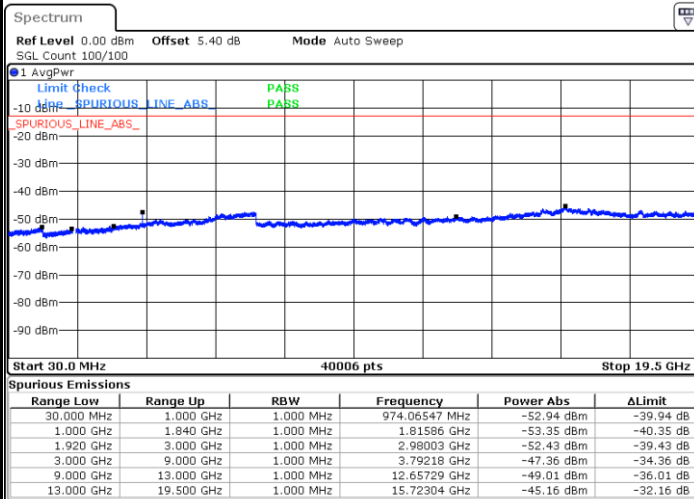
Date: 9 OCT.2019 23:59:39

## Middle Channel / 64QAM



Date: 10 OCT.2019 00:04:13

## Highest Channel / 64QAM



Date: 10 OCT.2019 00:13:54

## 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    | 0.0020                              | PASS    |
| 40               | Normal Voltage    | 0.0023                              |         |
| 30               | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0022                              |         |
| 0                | Normal Voltage    | 0.0017                              |         |
| -10              | Normal Voltage    | 0.0003                              |         |
| -20              | Normal Voltage    | 0.0018                              |         |
| -30              | Normal Voltage    | 0.0013                              |         |
| 20               | Maximum Voltage   | 0.0001                              |         |
| 20               | Normal Voltage    | 0.0020                              |         |
| 20               | Battery End Point | 0.0014                              |         |

**Note:**

1. Normal Voltage =3.8 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

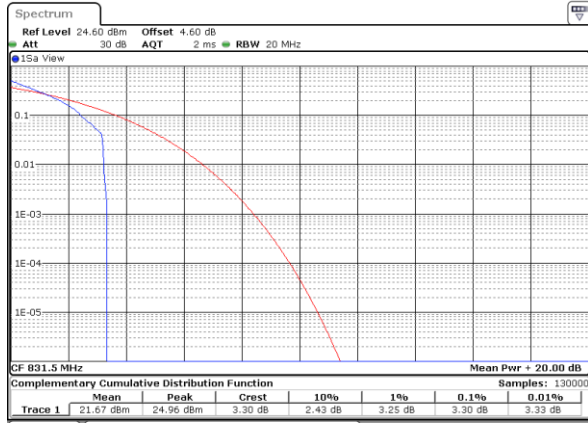
## Peak-to-Average Ratio

| Mode       | LTE Band 26 / 15MHz |         |             |         |             |
|------------|---------------------|---------|-------------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM       |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB         | Full RB | Result      |
| Lowest CH  | 3.30                | 4.58    | 5.01        | 5.77    | PASS        |
| Middle CH  | 3.28                | 4.52    | 4.61        | 5.77    |             |
| Highest CH | 3.54                | 4.64    | 5.36        | 5.86    |             |
| Mod.       | 64QAM               |         | Limit: 13dB |         |             |
| RB Size    | 1RB                 | Full RB | Result      |         |             |
| Lowest CH  | 6.12                | 6.41    | PASS        |         |             |
| Middle CH  | 5.59                | 6.43    |             |         |             |
| Highest CH | 6.78                | 6.49    |             |         |             |

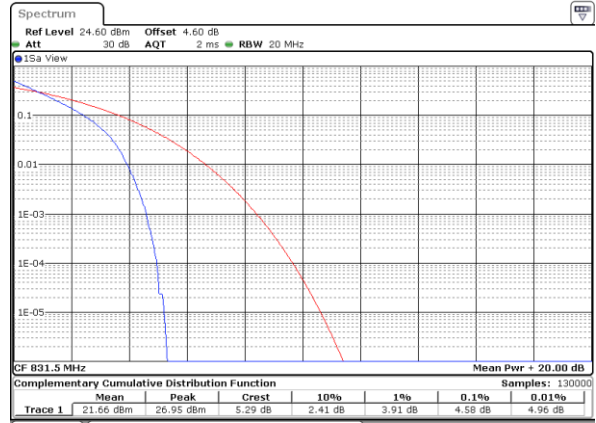


## LTE Band 26 / 15MHz / QPSK

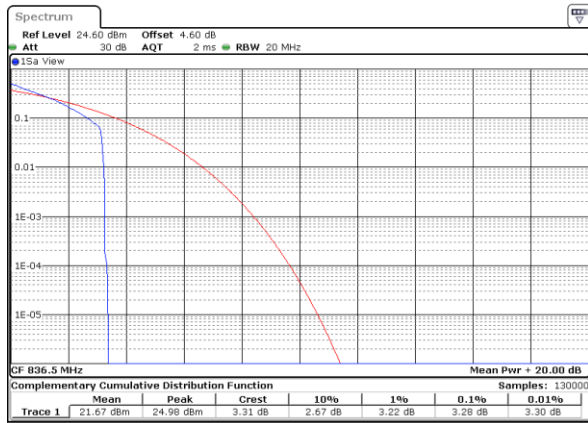
## Lowest Channel / 1RB



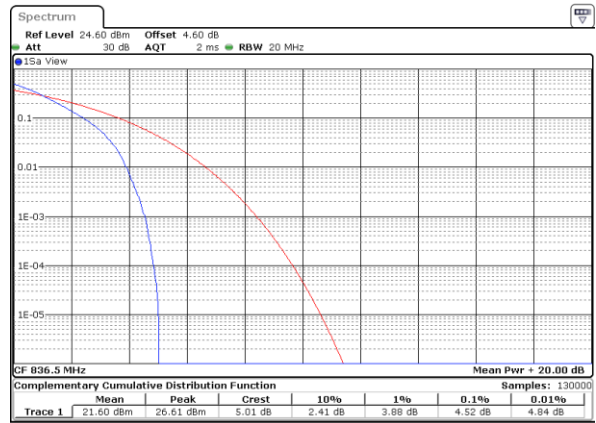
## Lowest Channel / Full RB



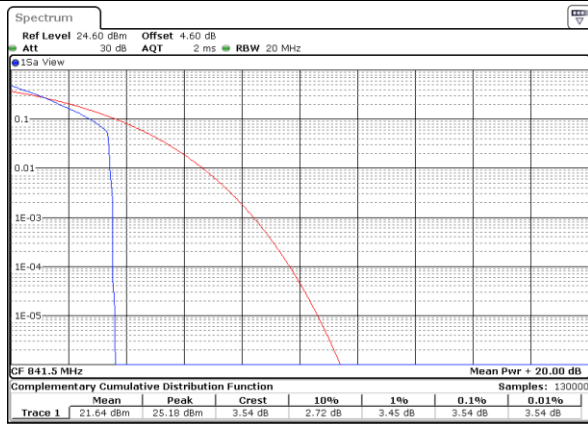
## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



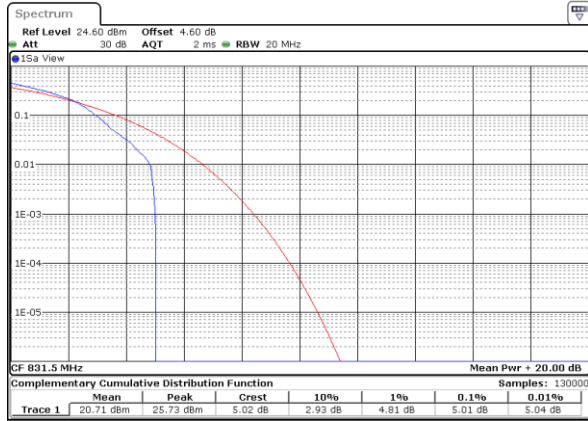
## Highest Channel / Full RB



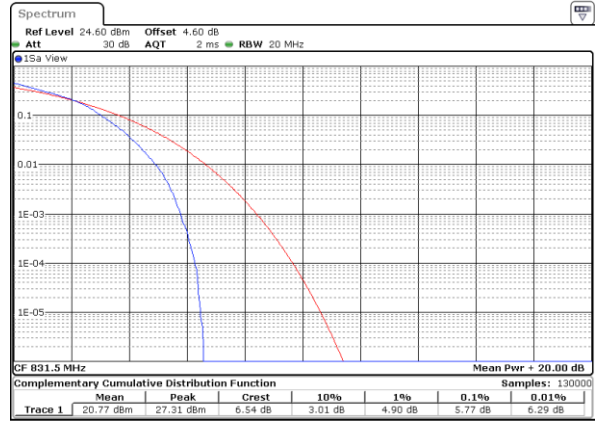


## LTE Band 26 / 15MHz / 16QAM

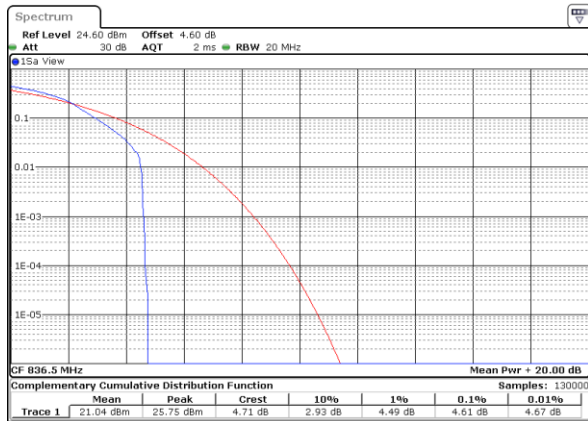
## Lowest Channel / 1RB



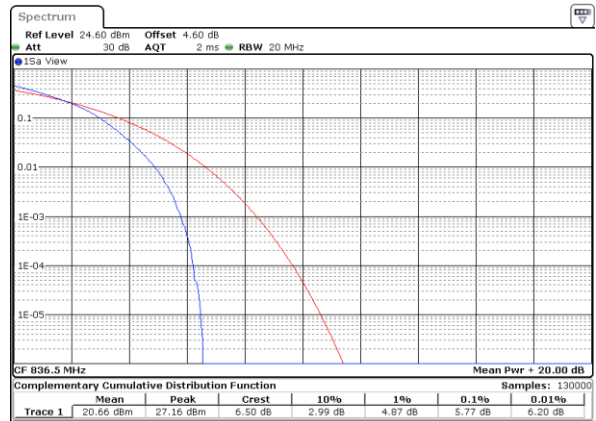
## Lowest Channel / Full RB



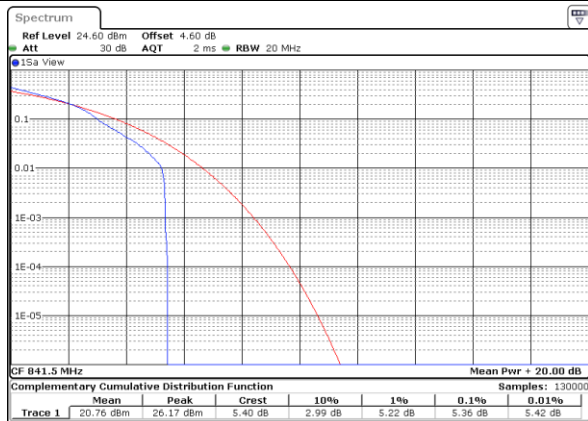
## Middle Channel / 1RB



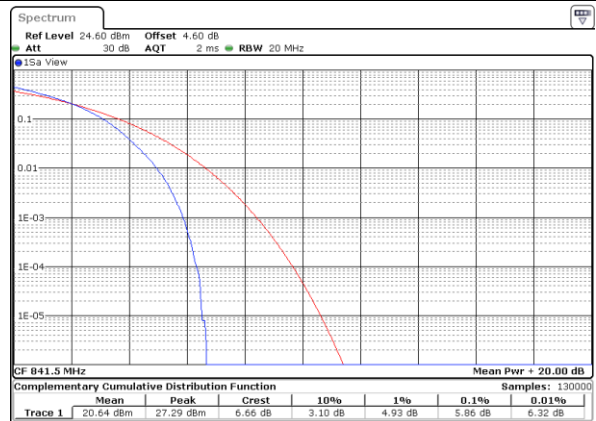
## Middle Channel / Full RB



## Highest Channel / 1RB



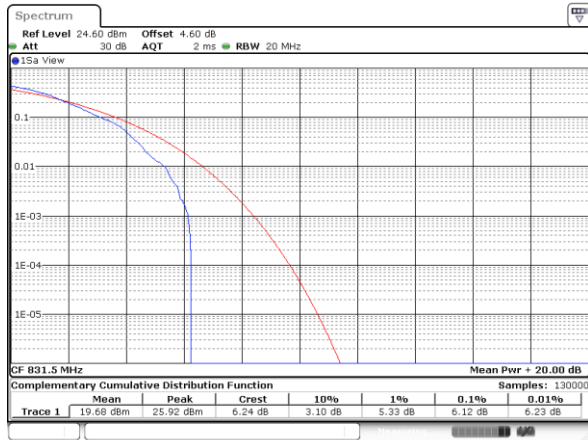
## Highest Channel / Full RB



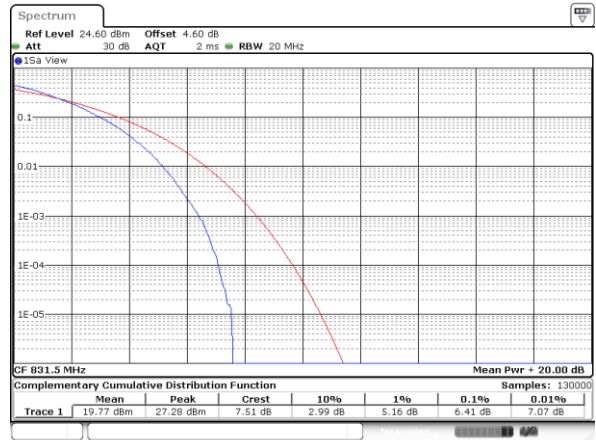


## LTE Band 26 / 15MHz / 64QAM

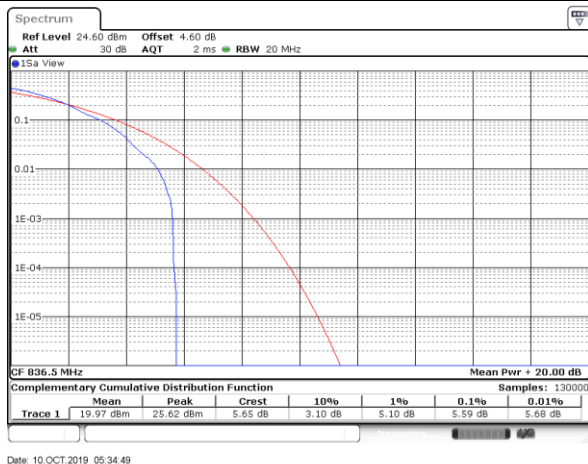
## Lowest Channel / 1RB



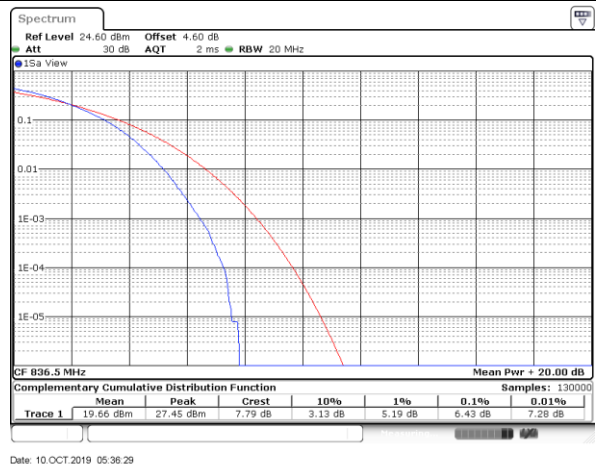
## Lowest Channel / Full RB



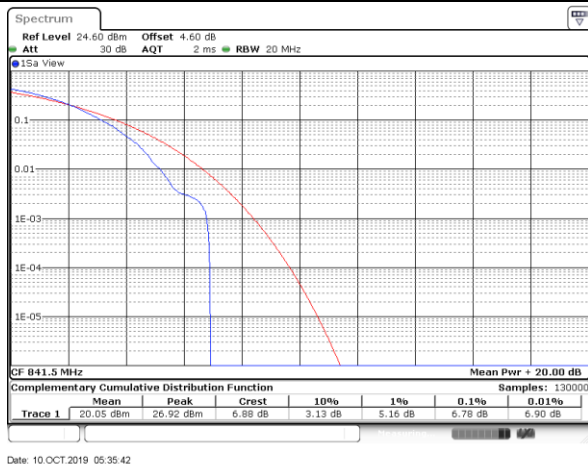
## Middle Channel / 1RB



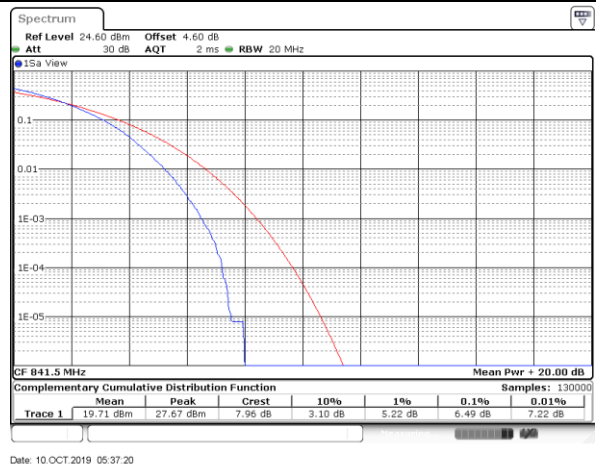
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



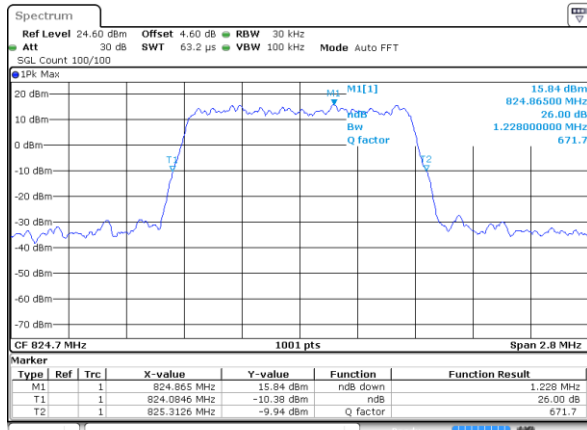
**26dB Bandwidth**

| Mode       | LTE Band 26 : 26dB BW(MHz) |        |        |        |        |       |       |       |        |        |   |   |
|------------|----------------------------|--------|--------|--------|--------|-------|-------|-------|--------|--------|---|---|
| BW         | 1.4MHz                     |        | 3MHz   |        | 5MHz   |       | 10MHz |       | 15MHz  |        |   |   |
| Mod.       | QPSK                       | 16QAM  | QPSK   | 16QAM  | QPSK   | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  |   |   |
| Lowest CH  | 1.228                      | 1.2196 | 3.039  | 3.009  | 4.935  | 4.925 | 9.65  | 9.83  | 14.505 | 14.206 | - | - |
| Middle CH  | 1.2196                     | 1.2252 | 3.027  | 3.0509 | 4.925  | 4.885 | 9.85  | 9.81  | 14.326 | 14.505 | - | - |
| Highest CH | 1.2224                     | 1.2112 | 3.0509 | 2.997  | 4.915  | 4.995 | 9.77  | 9.79  | 14.476 | 14.266 | - | - |
| BW         | 1.4MHz                     | 3MHz   | 5MHz   | 10MHz  | 15MHz  |       |       |       |        |        |   |   |
| Mod.       | 64QAM                      | 64QAM  | 64QAM  | 64QAM  | 64QAM  |       |       |       |        |        |   |   |
| Lowest CH  | 1.2084                     | 3.021  | 4.865  | 9.79   | 14.535 |       |       |       |        |        |   |   |
| Middle CH  | 1.2252                     | 3.045  | 4.875  | 9.83   | 14.476 |       |       |       |        |        |   |   |
| Highest CH | 1.2252                     | 2.991  | 4.935  | 9.75   | 14.416 |       |       |       |        |        |   |   |

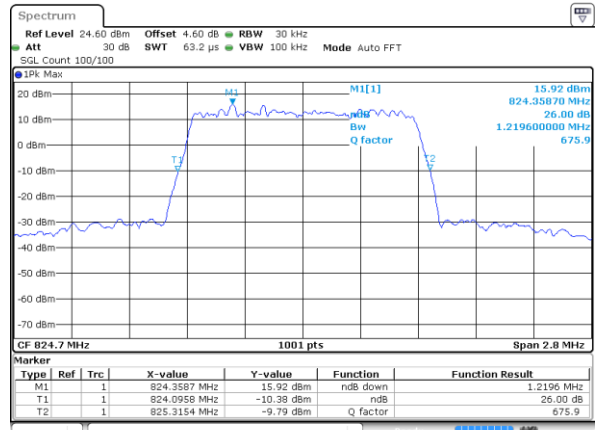


## LTE Band 26

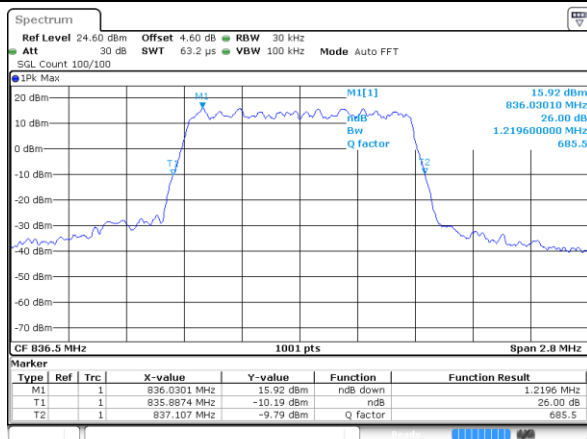
## Lowest Channel / 1.4MHz / QPSK



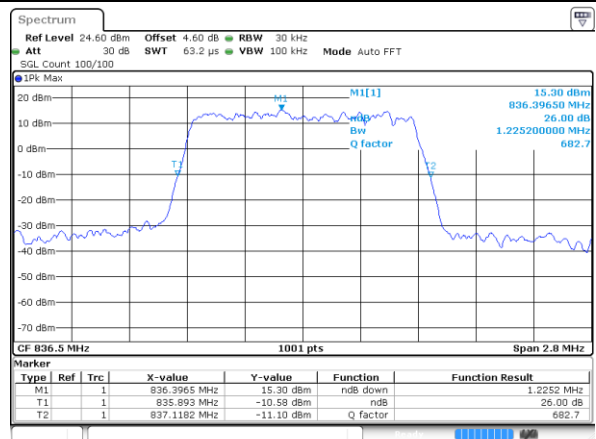
## Lowest Channel / 1.4MHz / 16QAM



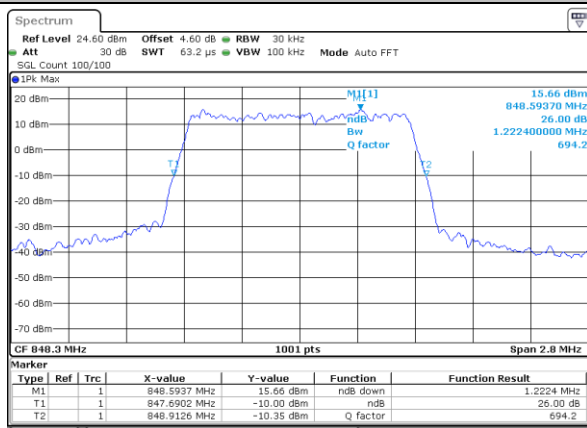
## Middle Channel / 1.4MHz / QPSK



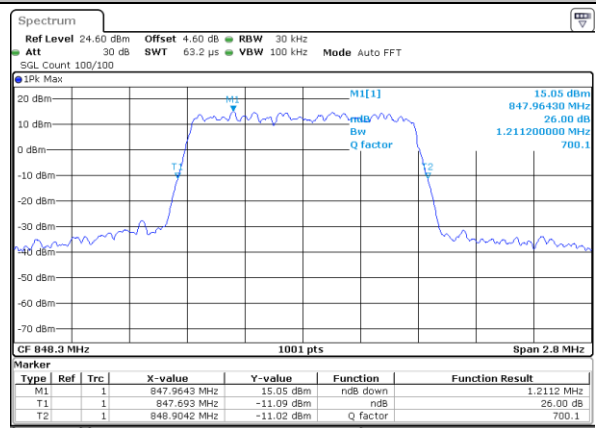
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



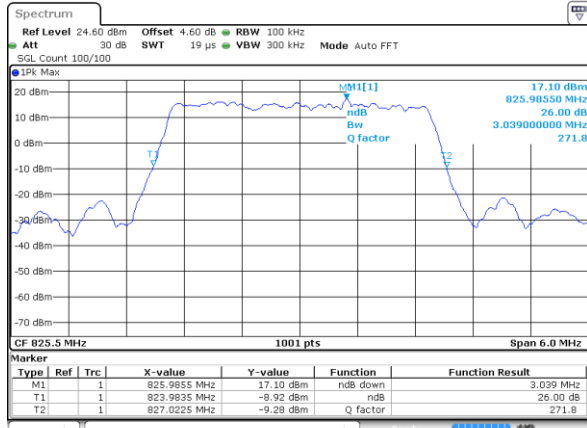
## Highest Channel / 1.4MHz / 16QAM





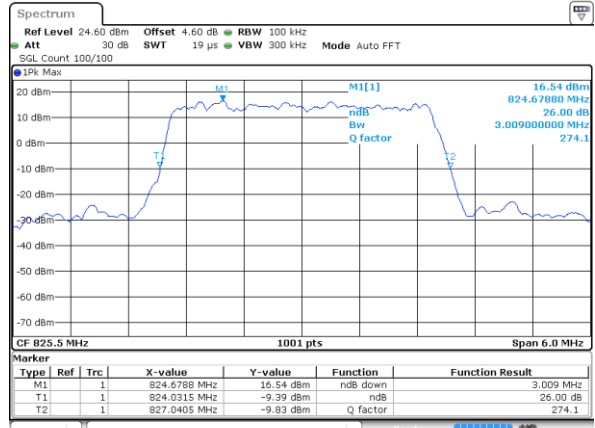
## LTE Band 26

## Lowest Channel / 3MHz / QPSK



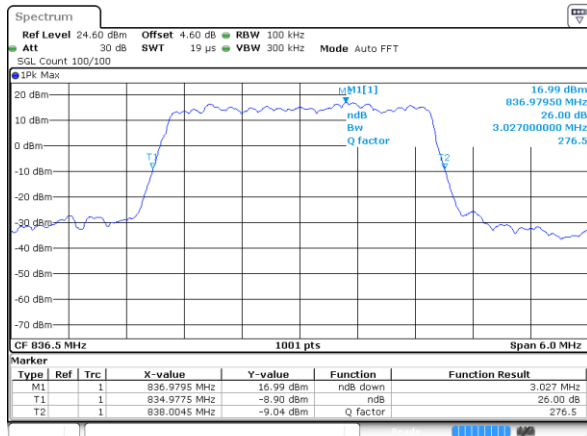
Date: 10.OCT.2019 04:37:58

## Lowest Channel / 3MHz / 16QAM



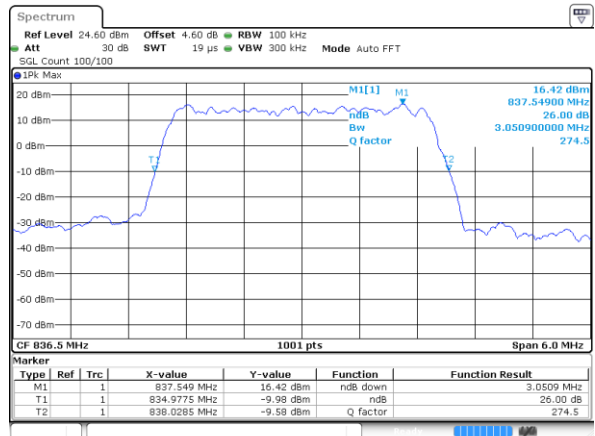
Date: 10.OCT.2019 04:38:18

## Middle Channel / 3MHz / QPSK



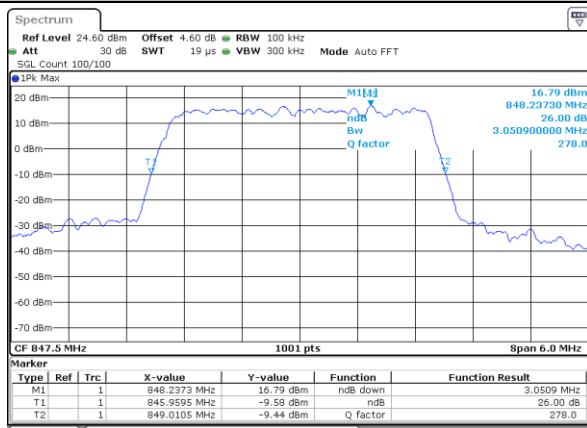
Date: 10.OCT.2019 04:39:38

## Middle Channel / 3MHz / 16QAM



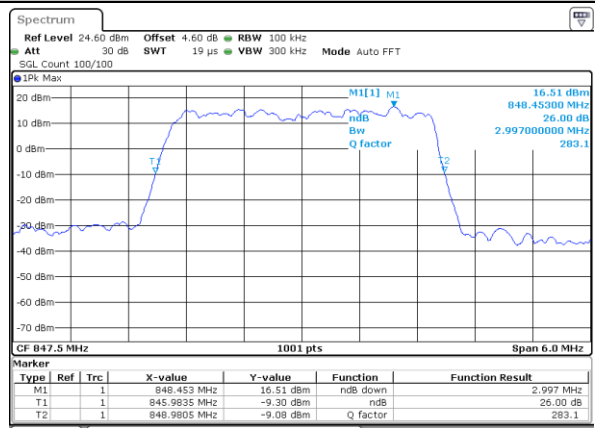
Date: 10.OCT.2019 04:39:18

## Highest Channel / 3MHz / QPSK



Date: 10.OCT.2019 04:39:58

## Highest Channel / 3MHz / 16QAM

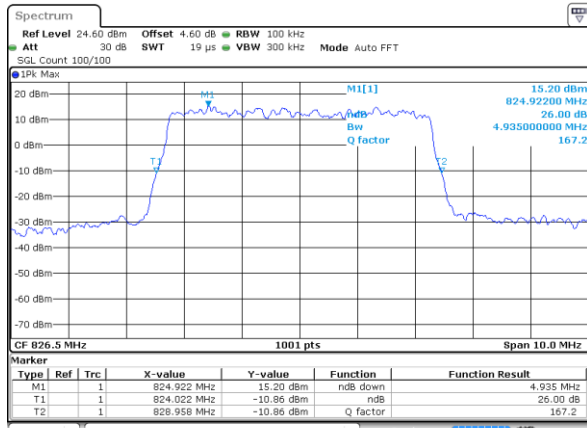


Date: 10.OCT.2019 04:40:18



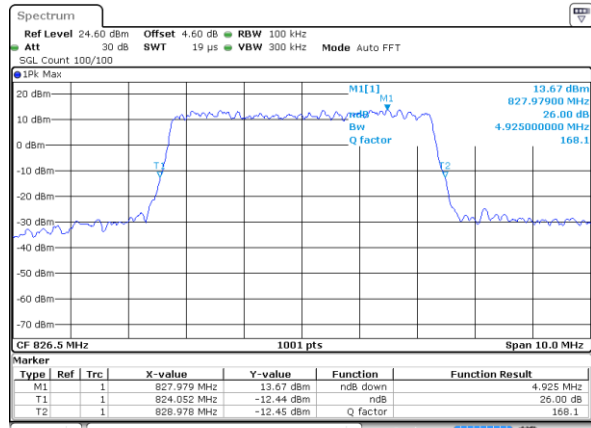
## LTE Band 26

## Lowest Channel / 5MHz / QPSK



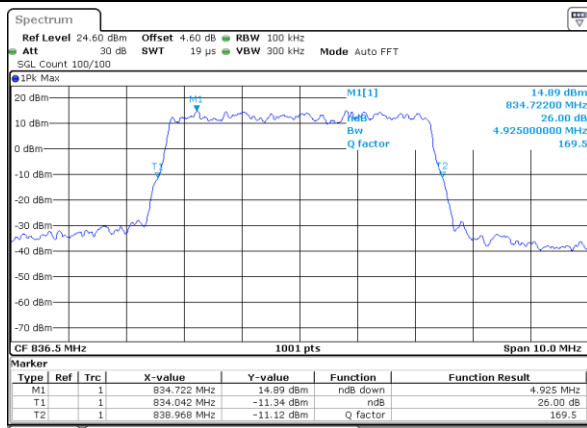
Date: 10.OCT.2019 04:47:43

## Lowest Channel / 5MHz / 16QAM



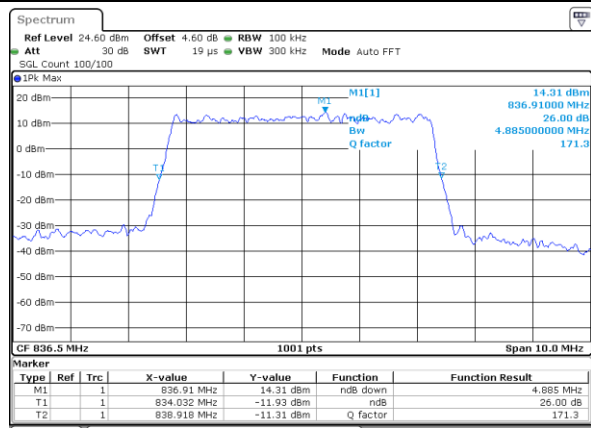
Date: 10.OCT.2019 04:48:03

## Middle Channel / 5MHz / QPSK



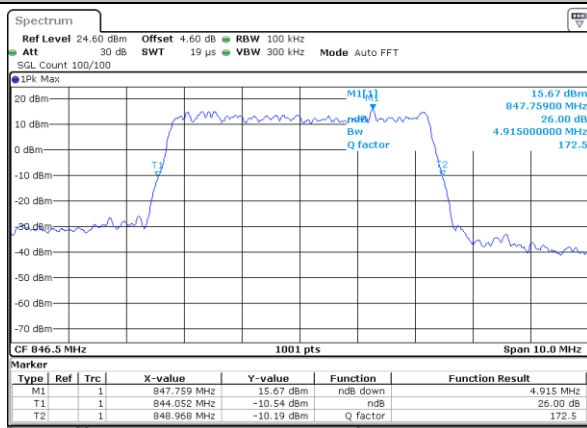
Date: 10.OCT.2019 04:49:24

## Middle Channel / 5MHz / 16QAM



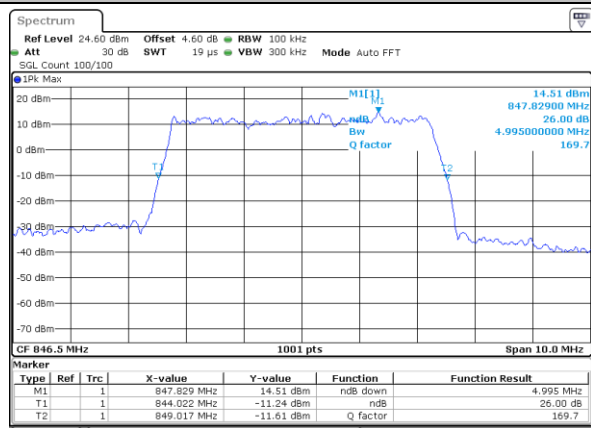
Date: 10.OCT.2019 04:49:03

## Highest Channel / 5MHz / QPSK



Date: 10.OCT.2019 04:49:44

## Highest Channel / 5MHz / 16QAM

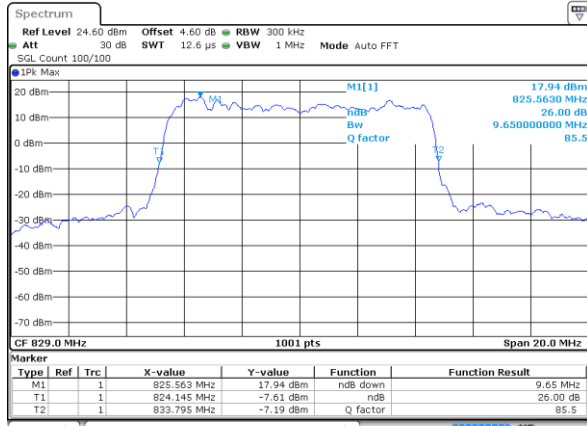


Date: 10.OCT.2019 04:50:04



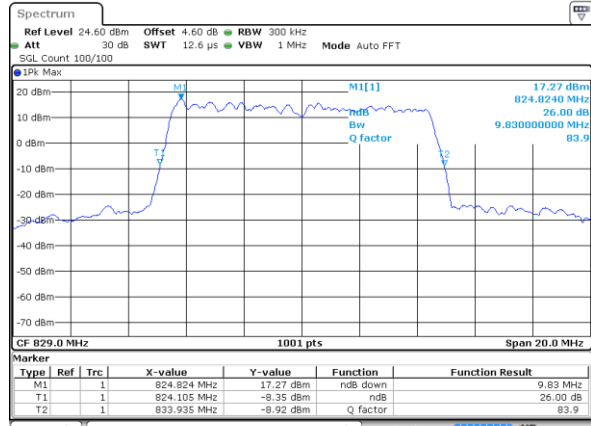
## LTE Band 26

## Lowest Channel / 10MHz / QPSK



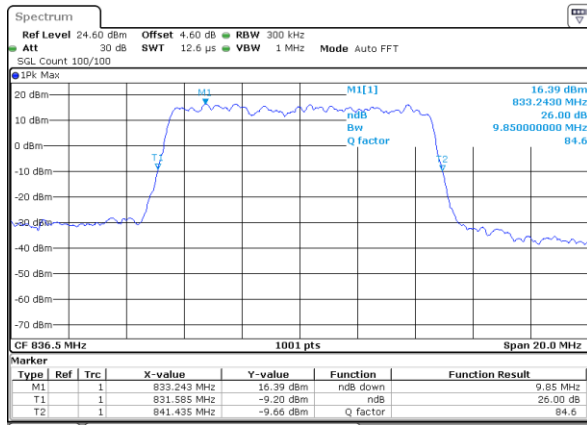
Date: 10.OCT.2019 04:57:29

## Lowest Channel / 10MHz / 16QAM



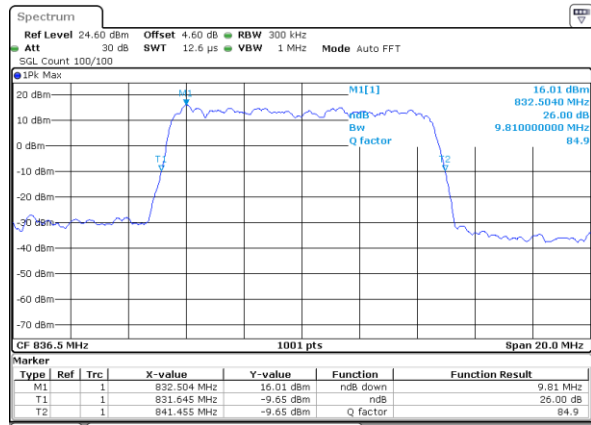
Date: 10.OCT.2019 04:57:50

## Middle Channel / 10MHz / QPSK



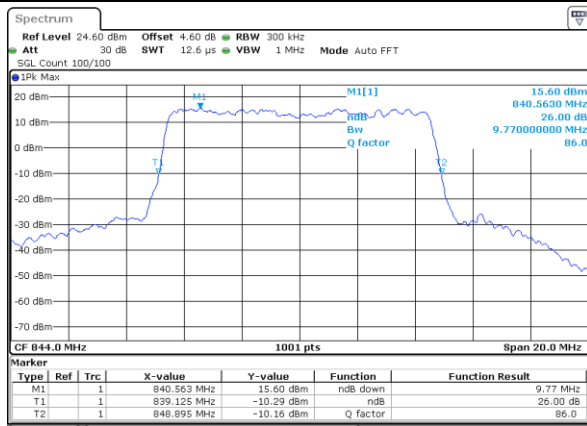
Date: 10.OCT.2019 04:58:10

## Middle Channel / 10MHz / 16QAM



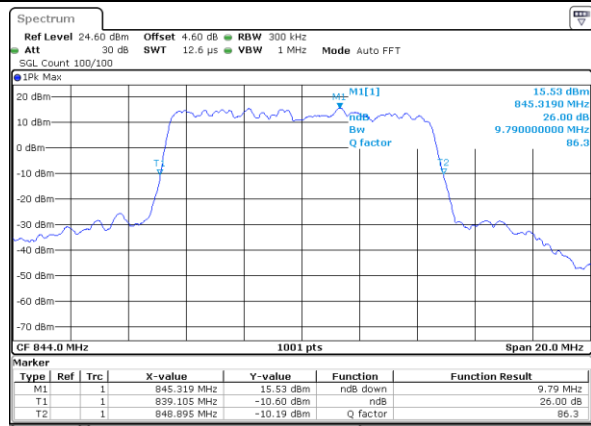
Date: 10.OCT.2019 04:58:50

## Highest Channel / 10MHz / QPSK



Date: 10.OCT.2019 04:59:30

## Highest Channel / 10MHz / 16QAM

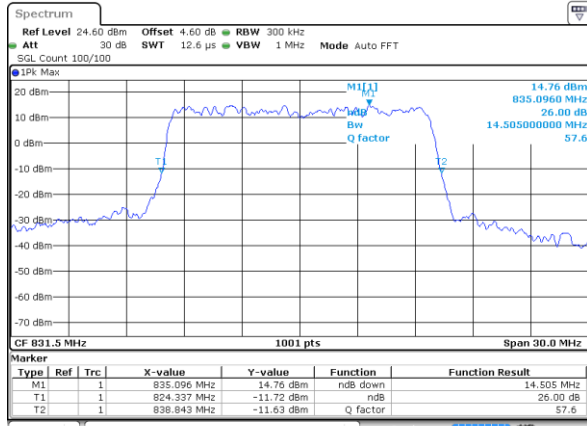


Date: 10.OCT.2019 04:59:50



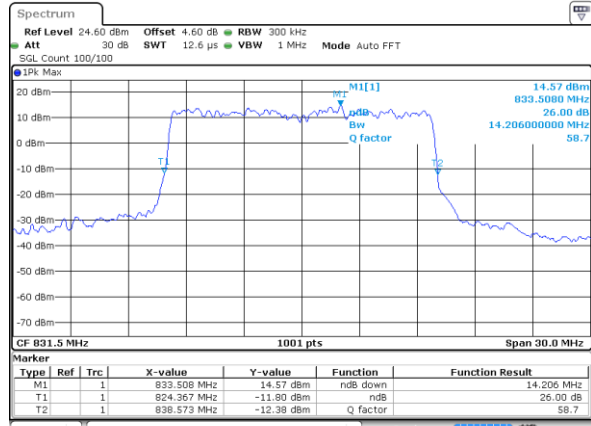
## LTE Band 26

## Lowest Channel / 15MHz / QPSK



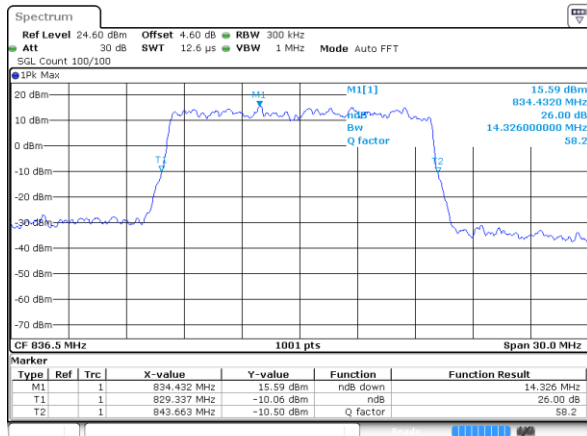
Date: 10.OCT.2019 05:16:17

## Lowest Channel / 15MHz / 16QAM



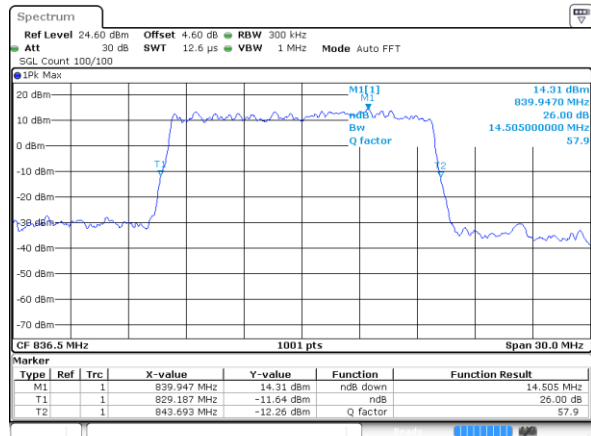
Date: 10.OCT.2019 05:16:37

## Middle Channel / 15MHz / QPSK



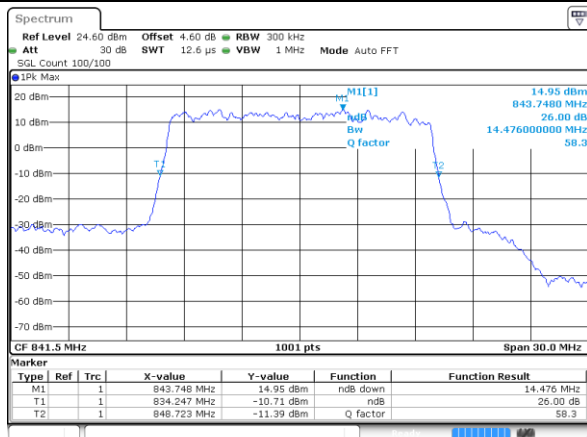
Date: 10.OCT.2019 05:17:58

## Middle Channel / 15MHz / 16QAM



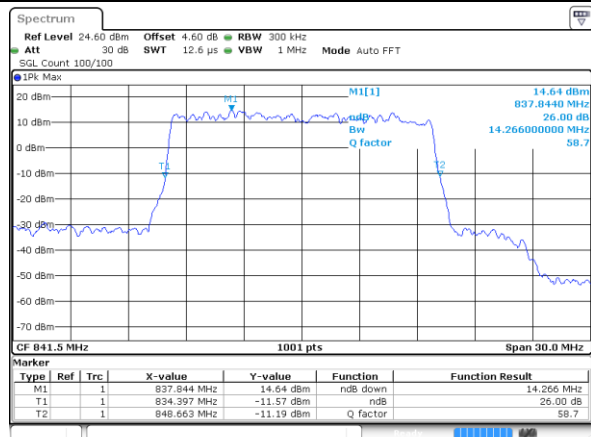
Date: 10.OCT.2019 05:17:38

## Highest Channel / 15MHz / QPSK



Date: 10.OCT.2019 05:18:18

## Highest Channel / 15MHz / 16QAM

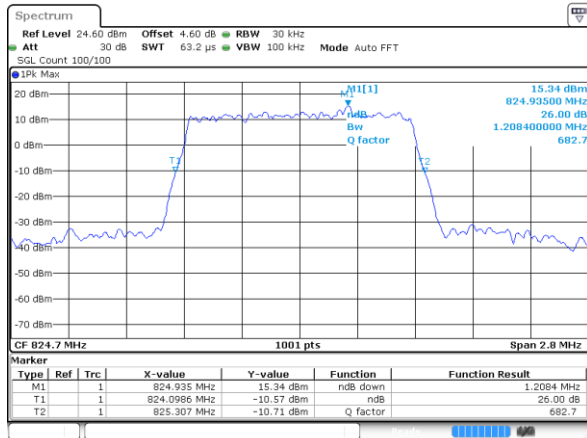


Date: 10.OCT.2019 05:18:38

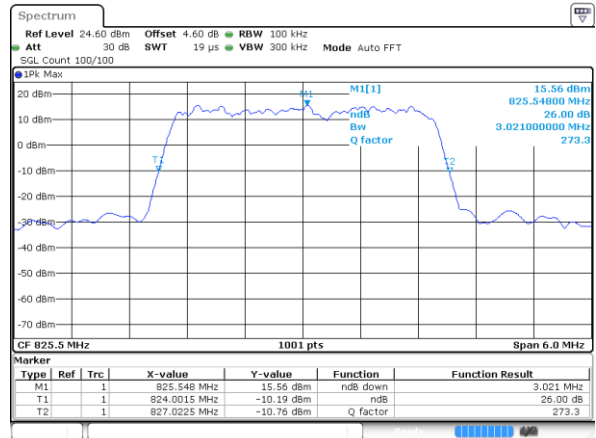


## LTE Band 26

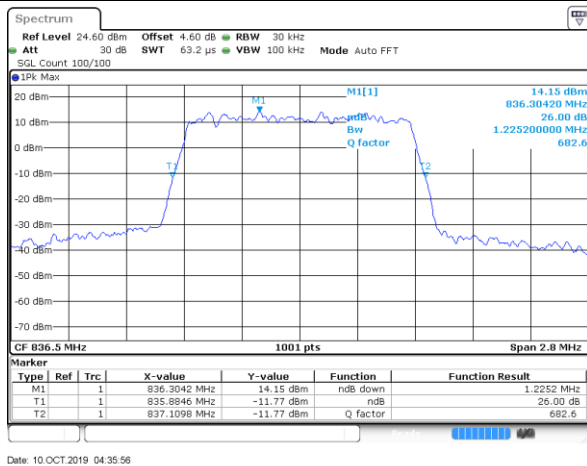
## Lowest Channel / 1.4MHz / 64QAM



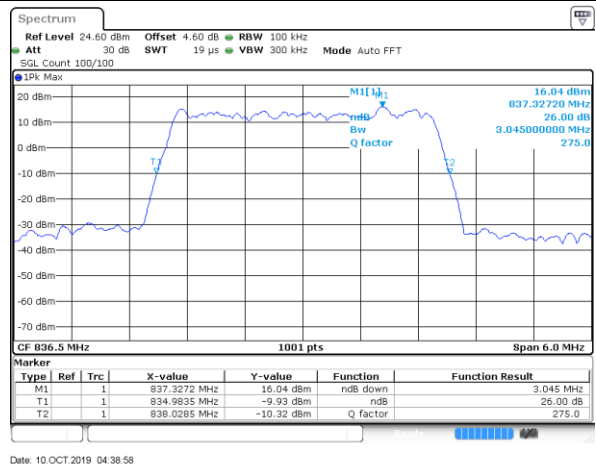
## Lowest Channel / 3MHz / 64QAM



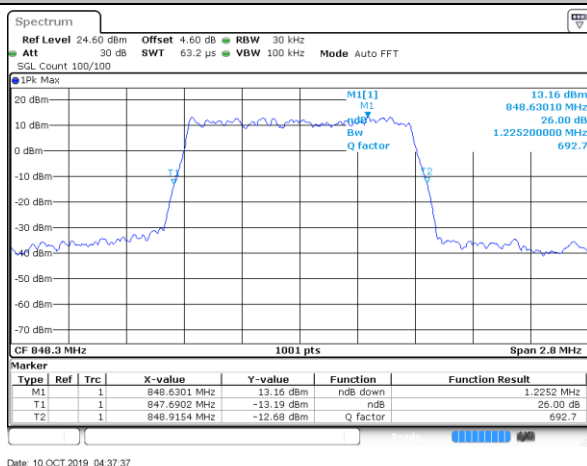
## Middle Channel / 1.4MHz / 64QAM



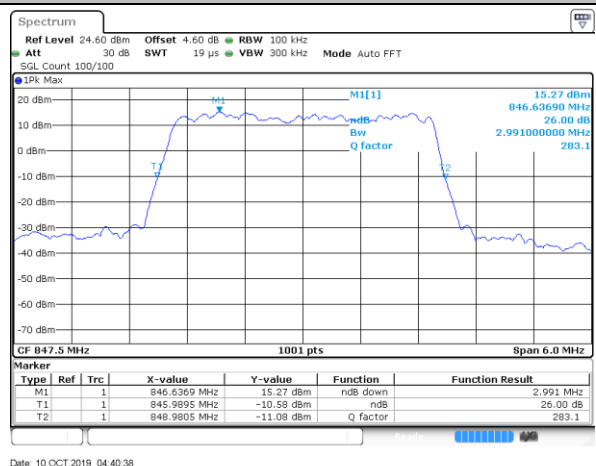
## Middle Channel / 3MHz / 64QAM



## Highest Channel / 1.4MHz / 64QAM



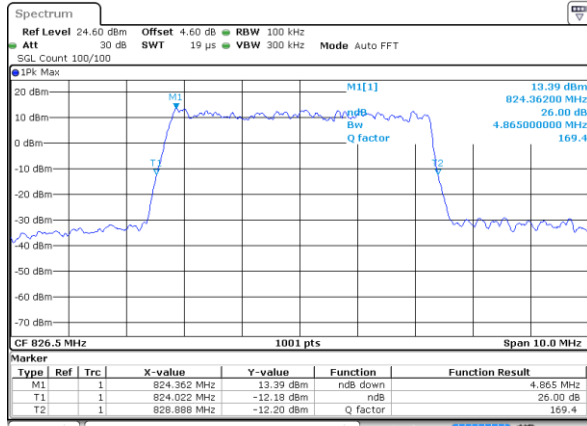
## Highest Channel / 3MHz / 64QAM



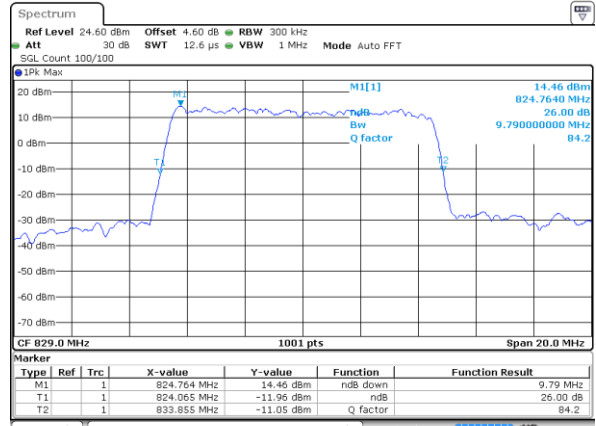


## LTE Band 26

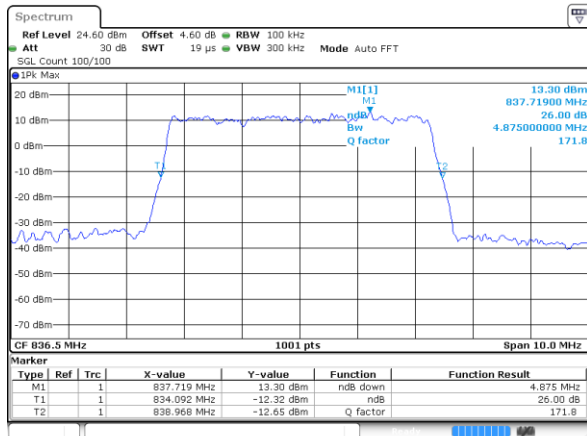
## Lowest Channel / 5MHz / 64QAM



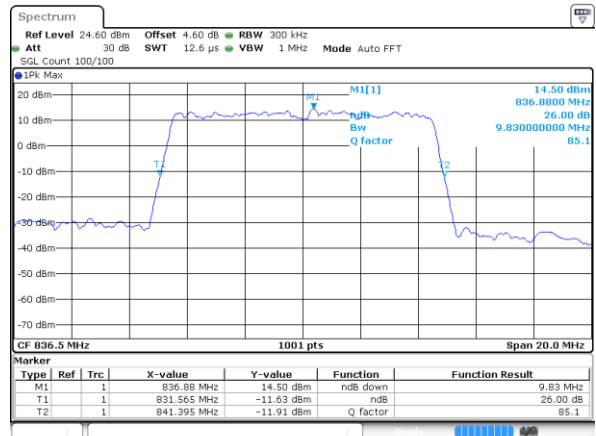
## Lowest Channel / 10MHz / 64QAM



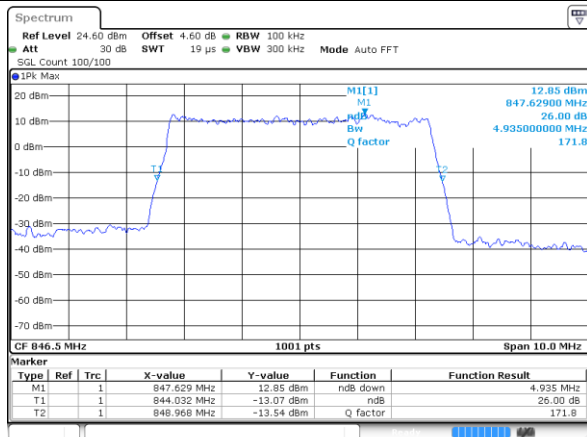
## Middle Channel / 5MHz / 64QAM



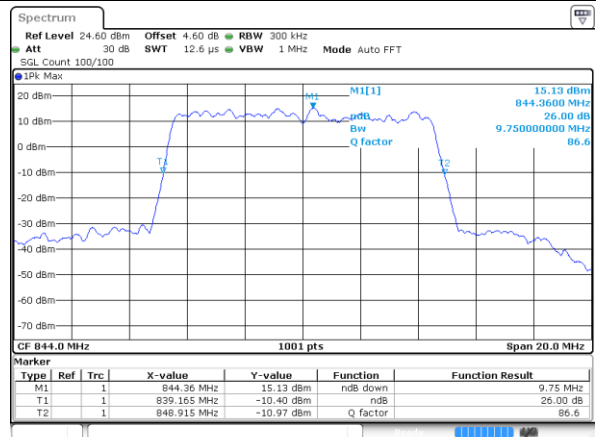
## Middle Channel / 10MHz / 64QAM



## Highest Channel / 5MHz / 64QAM



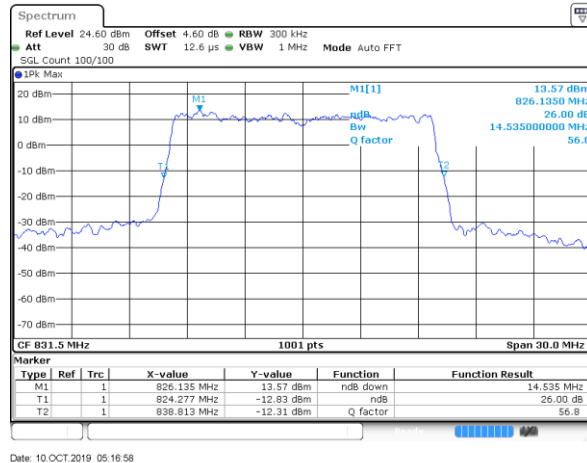
## Highest Channel / 10MHz / 64QAM



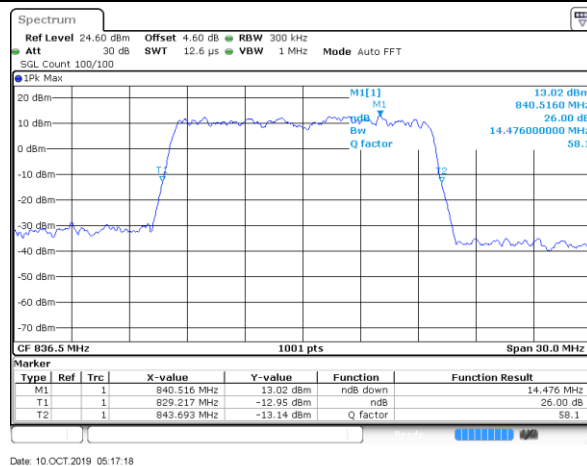


## LTE Band 26

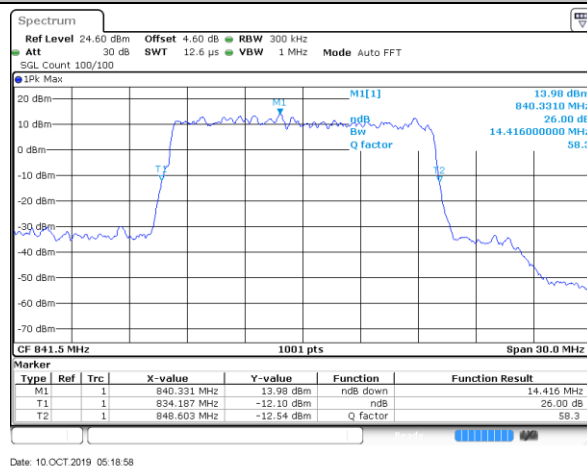
## Lowest Channel / 15MHz / 64QAM



## Middle Channel / 15MHz / 64QAM



## Highest Channel / 15MHz / 64QAM



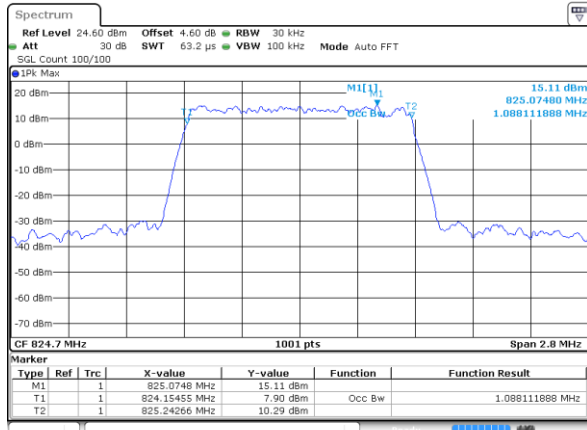
**Occupied Bandwidth**

| Mode       | LTE Band 26 : 99%OBW(MHz) |       |       |       |       |         |       |       |       |       |         |       |
|------------|---------------------------|-------|-------|-------|-------|---------|-------|-------|-------|-------|---------|-------|
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |         | 10MHz |       | 15MHz |       | CH26765 |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM   | QPSK  | 16QAM | QPSK  | 16QAM | QPSK    | 16QAM |
| Lowest CH  | 1.09                      | 1.09  | 2.72  | 2.72  | 4.50  | 4.51    | 9.03  | 9.03  | 13.40 | 13.40 | 13.43   | 13.46 |
| Middle CH  | 1.08                      | 1.09  | 2.70  | 2.73  | 4.51  | 4.52    | 8.97  | 9.03  | 13.43 | 13.34 | -       | -     |
| Highest CH | 1.09                      | 1.09  | 2.73  | 2.73  | 4.51  | 4.50    | 9.03  | 9.07  | 13.37 | 13.43 | -       | -     |
| BW         | 1.4MHz                    | 3MHz  | 5MHz  | 10MHz | 15MHz | CH26765 |       |       |       |       |         |       |
| Mod.       | 64QAM                     | 64QAM | 64QAM | 64QAM | 64QAM | 64QAM   |       |       |       |       |         |       |
| Lowest CH  | 1.09                      | 2.72  | 4.54  | 9.03  | 13.49 | 13.43   |       |       |       |       |         |       |
| Middle CH  | 1.08                      | 2.73  | 4.50  | 9.03  | 13.40 | -       |       |       |       |       |         |       |
| Highest CH | 1.09                      | 2.73  | 4.51  | 9.01  | 13.40 | -       |       |       |       |       |         |       |

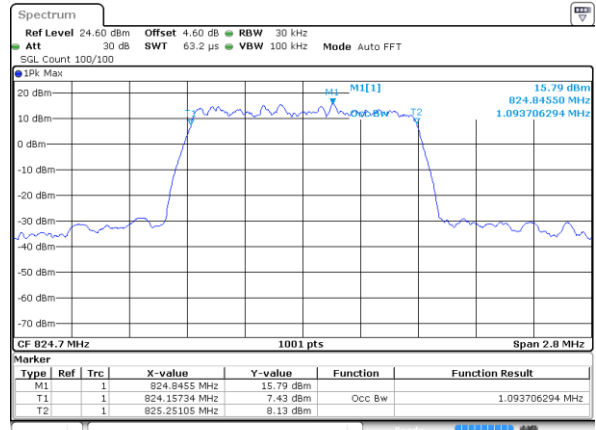


## LTE Band 26

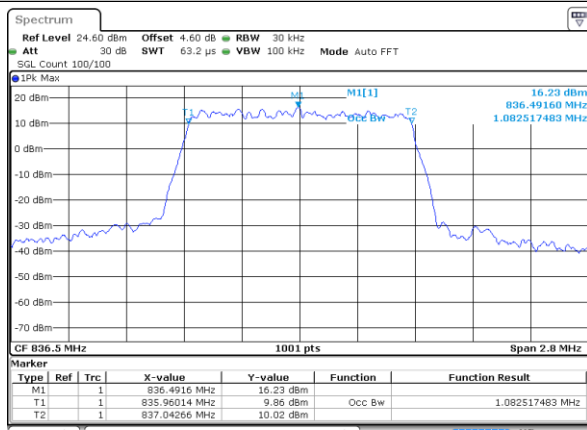
## Lowest Channel / 1.4MHz / QPSK



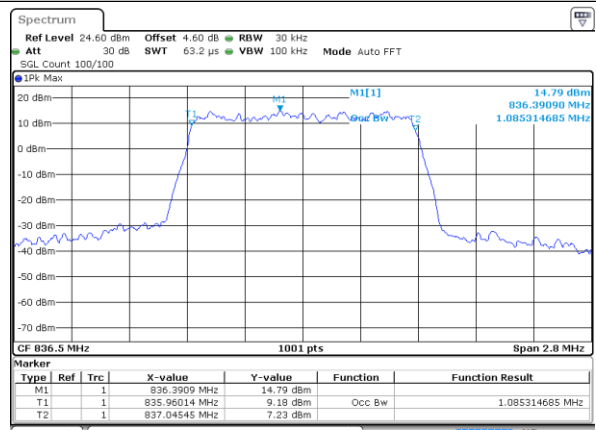
## Lowest Channel / 1.4MHz / 16QAM



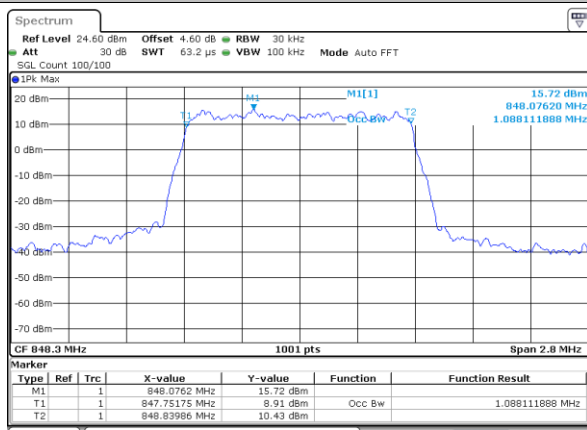
## Middle Channel / 1.4MHz / QPSK



## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



## Highest Channel / 1.4MHz / 16QAM

