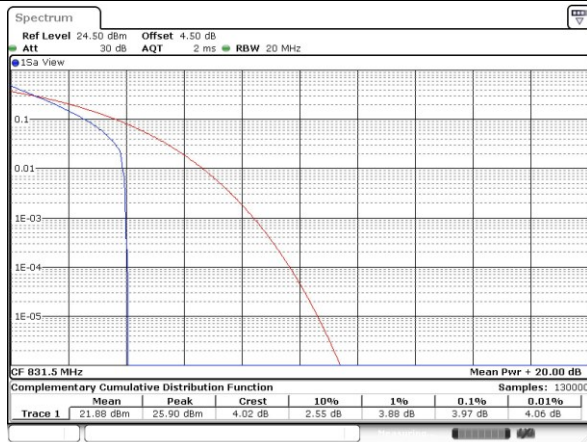


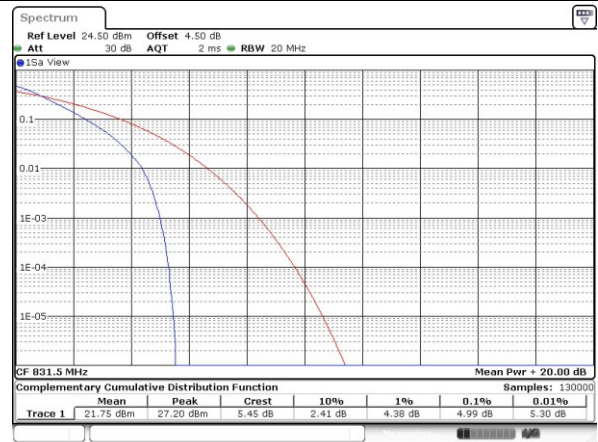


## LTE Band 26 / 15MHz / QPSK

## Lowest Channel / 1RB



## Lowest Channel / Full RB



## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



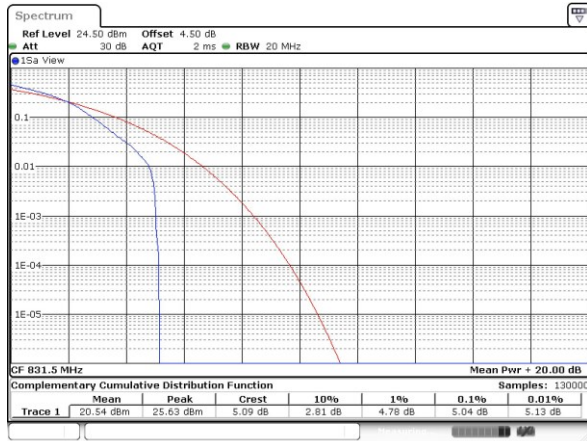
## Highest Channel / Full RB



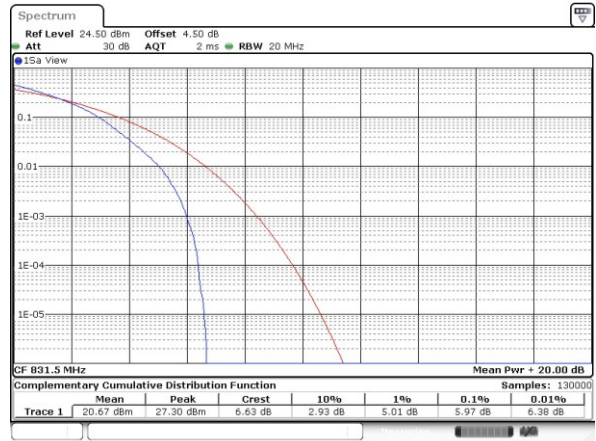


## LTE Band 26 / 15MHz / 16QAM

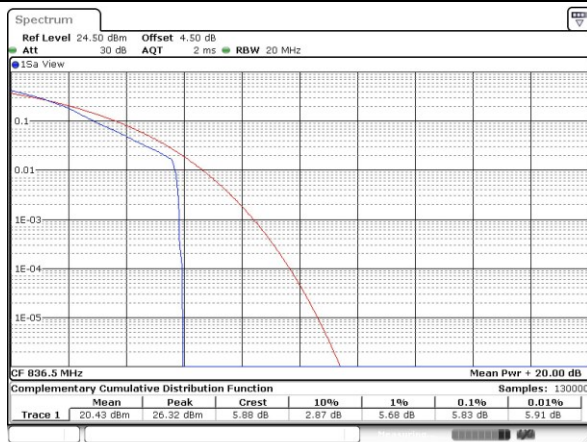
## Lowest Channel / 1RB



## Lowest Channel / Full RB



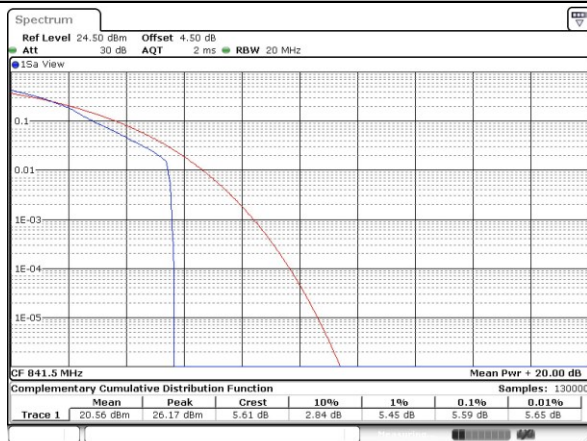
## Middle Channel / 1RB



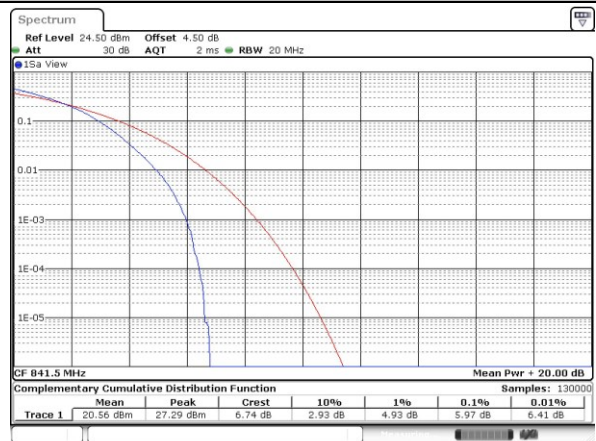
## Middle Channel / Full RB



## Highest Channel / 1RB



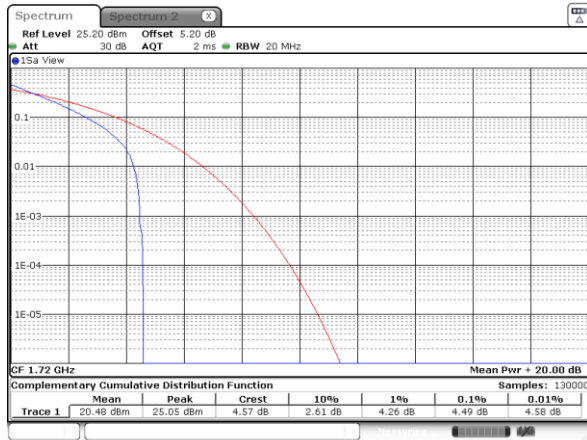
## Highest Channel / Full RB



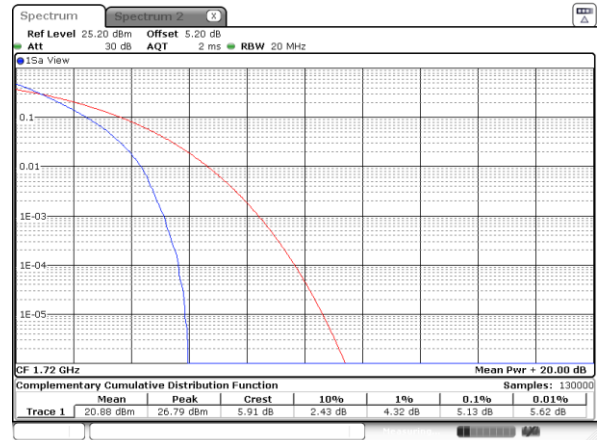


## LTE Band 66 / 20MHz / QPSK

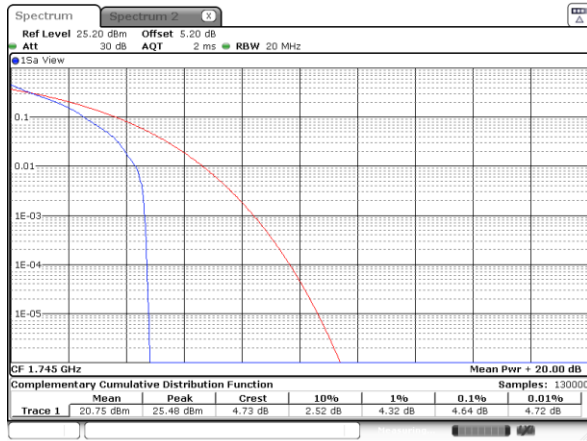
## Lowest Channel / 1RB



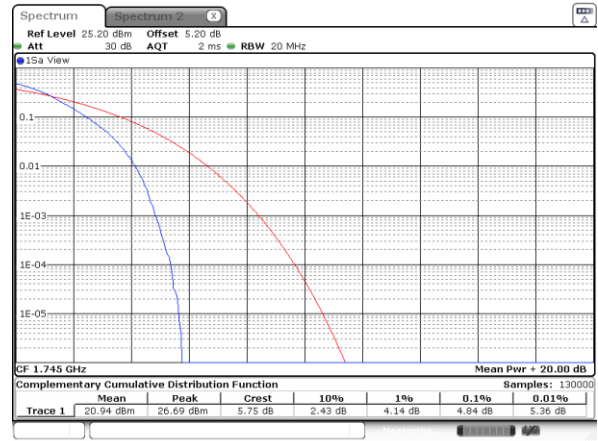
## Lowest Channel / Full RB



## Middle Channel / 1RB



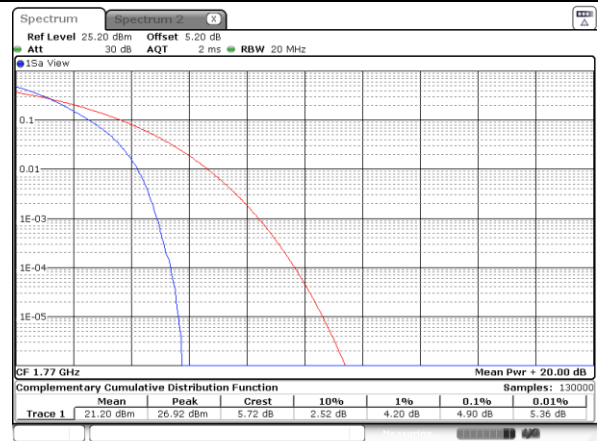
## Middle Channel / Full RB



## Highest Channel / 1RB



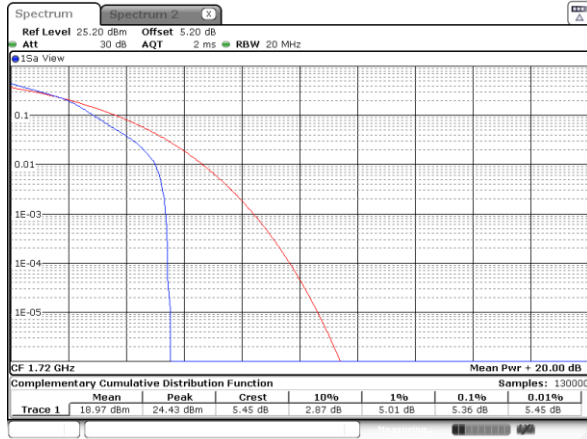
## Highest Channel / Full RB



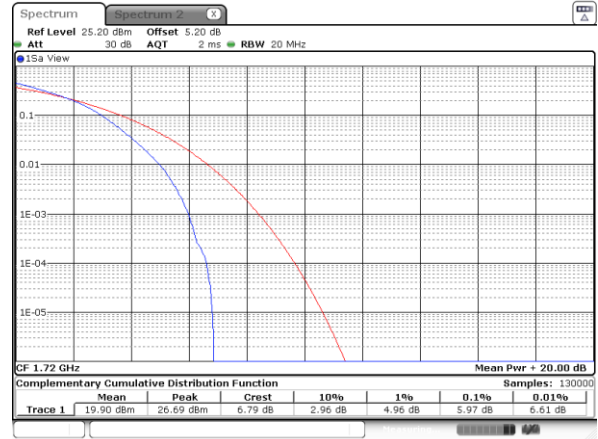


## LTE Band 66 / 20MHz / 16QAM

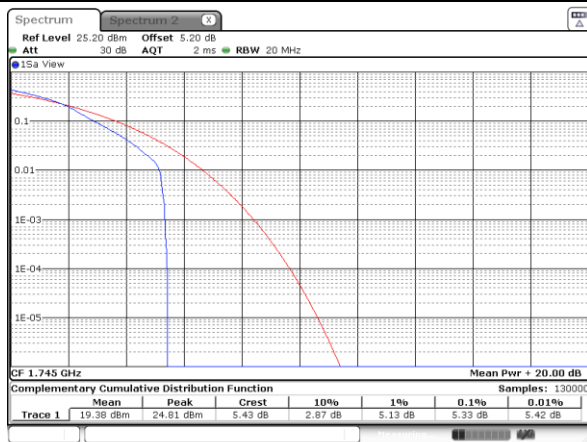
## Lowest Channel / 1RB



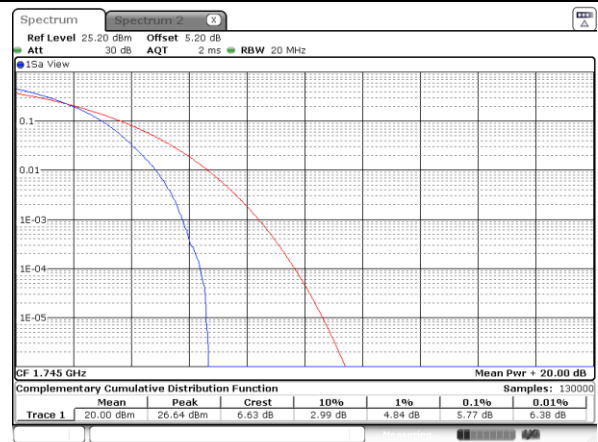
## Lowest Channel / Full RB



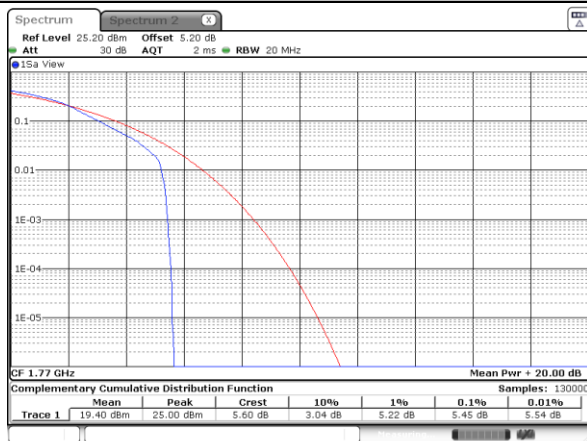
## Middle Channel / 1RB



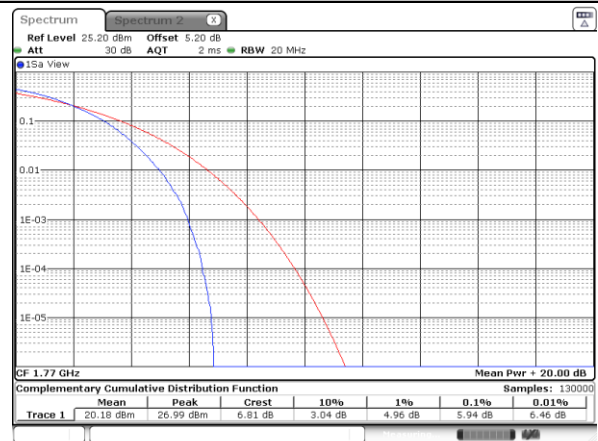
## Middle Channel / Full RB



## Highest Channel / 1RB



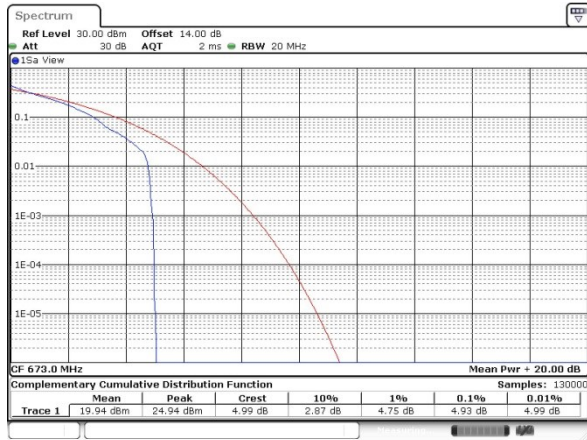
## Highest Channel / Full RB



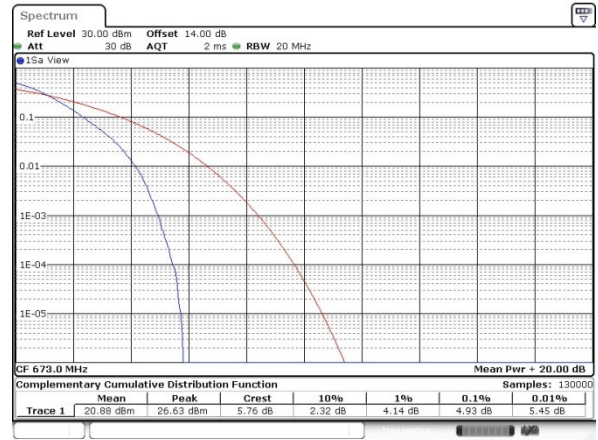


## LTE Band 71 / 20MHz / QPSK

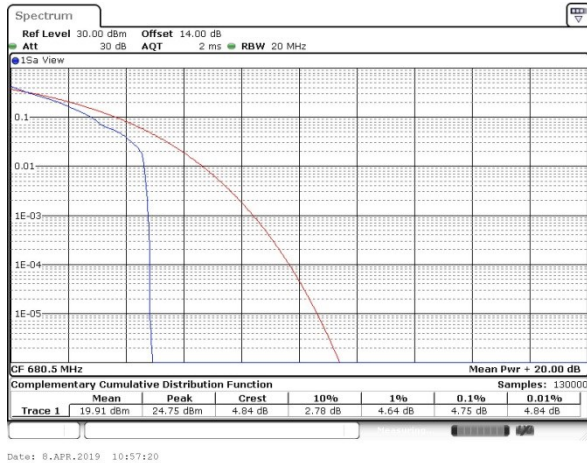
## Lowest Channel / 1RB



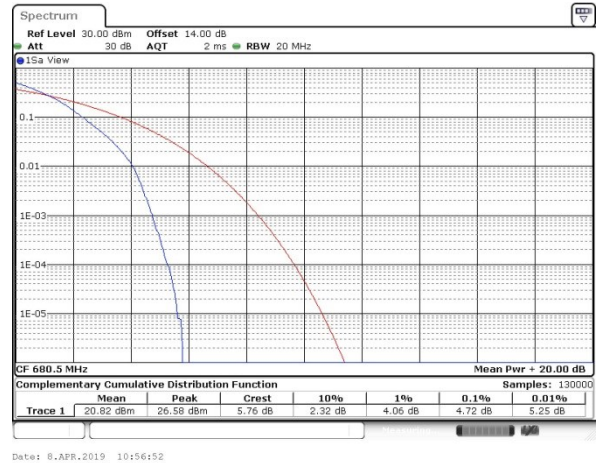
## Lowest Channel / Full RB



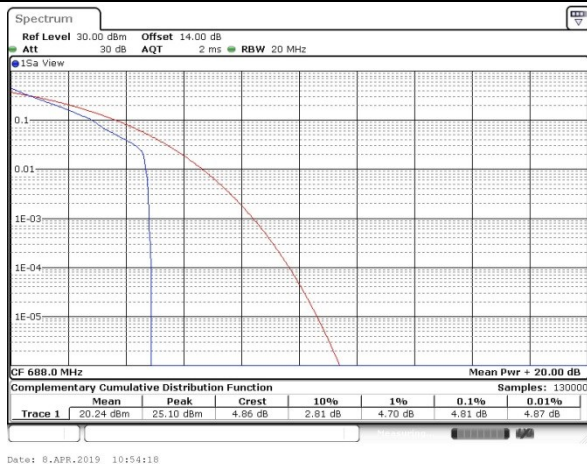
## Middle Channel / 1RB



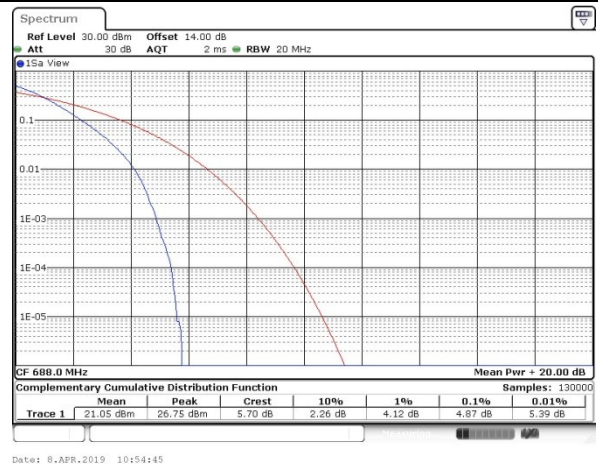
## Middle Channel / Full RB



## Highest Channel / 1RB



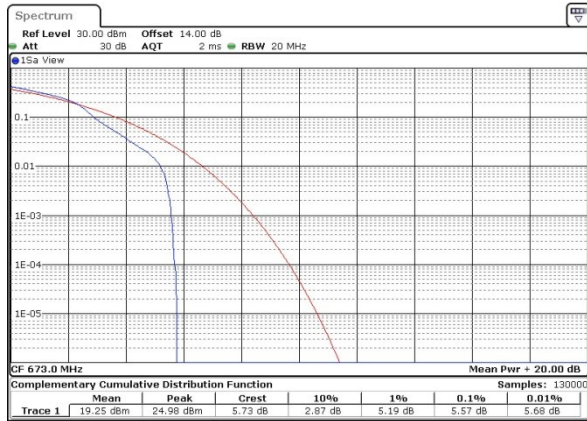
## Highest Channel / Full RB



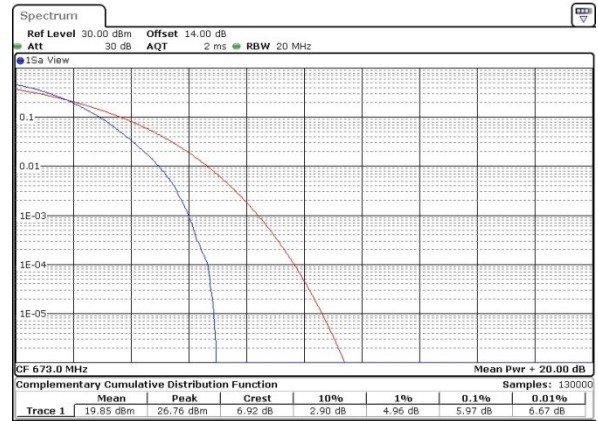


## LTE Band 71 / 20MHz / 16QAM

## Lowest Channel / 1RB



## Lowest Channel / Full RB



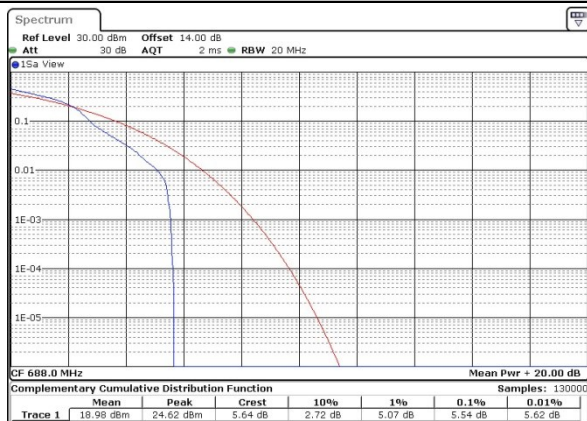
## Middle Channel / 1RB



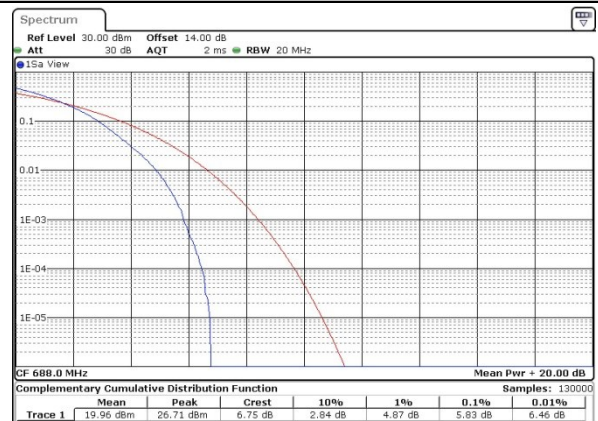
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



**26dB Bandwidth**

| Mode       | LTE Band 7 : 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  | -                         | -     | -    | -     | 4.985 | 4.885 | 9.75  | 9.77  | 14.446 | 14.505 | 20.14 | 28.18 |
| Middle CH  | -                         | -     | -    | -     | 4.855 | 4.865 | 9.67  | 9.79  | 14.176 | 14.565 | 20.26 | 20.34 |
| Highest CH | -                         | -     | -    | -     | 5.005 | 4.955 | 9.89  | 9.81  | 14.535 | 14.775 | 20.18 | 20.06 |

| Mode       | LTE Band 12 : 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  | 1.264                      | 1.273 | 2.997 | 3.039 | 4.905 | 4.875 | 9.73  | 9.83  |       |       |       |       |
| Middle CH  | 1.276                      | 1.304 | 2.991 | 3.051 | 4.875 | 4.955 | 9.63  | 9.73  |       |       |       |       |
| Highest CH | 1.245                      | 1.259 | 2.991 | 3.027 | 4.925 | 4.845 | 9.87  | 9.75  |       |       |       |       |

| Mode       | LTE Band 13 : 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  | -                          | -     | -    | -     | 4.955 | 4.885 | -     | -     | -     | -     | -     | -     |
| Middle CH  | -                          | -     | -    | -     | 4.965 | 4.845 | 9.69  | 9.73  | -     | -     | -     | -     |
| Highest CH | -                          | -     | -    | -     | 4.905 | 4.855 | -     | -     | -     | -     | -     | -     |

| Mode       | LTE Band 25 : 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  | 1.267                      | 1.256 | 3.009 | 3.015 | 4.905 | 4.895 | 9.67  | 9.67  | 14.206 | 14.565 | 20.1  | 20.14 |
| Middle CH  | 1.290                      | 1.304 | 3.015 | 3.039 | 4.905 | 4.905 | 9.77  | 9.95  | 14.356 | 14.296 | 20.3  | 20.02 |
| Highest CH | 1.267                      | 1.242 | 3.015 | 2.967 | 5.005 | 4.895 | 9.99  | 9.75  | 14.236 | 14.326 | 20.06 | 20.14 |



| 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  | 1.242                      | 1.309 | 3.015 | 2.991 | 4.985 | 4.865 | 9.73  | 9.83  | 14.296 | 14.625 | -     | -     |
| Middle CH  | 1.284                      | 1.295 | 2.961 | 3.045 | 5.015 | 4.885 | 9.83  | 9.87  | 14.356 | 14.266 | -     | -     |
| Highest CH | 1.270                      | 1.262 | 2.931 | 3.027 | 4.885 | 4.935 | 9.73  | 9.65  | 14.416 | 14.655 | -     | -     |

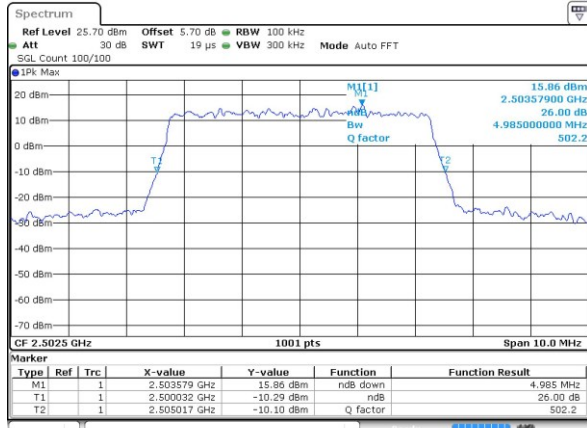
| Mode       | LTE Band 66 : 26dB BW(MHz) |       |       |       |       |       |       |       |        |        |       |       |
|------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|-------|-------|
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz  |        | 20MHz |       |
| Mod.       | QPSK                       | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  | QPSK  | 16QAM |
| Lowest CH  | 1.284                      | 1.256 | 3.009 | 3.009 | 4.935 | 4.985 | 9.75  | 9.79  | 14.356 | 14.505 | 20.06 | 20.26 |
| Middle CH  | 1.284                      | 1.264 | 2.967 | 3.009 | 4.905 | 4.935 | 9.67  | 9.89  | 14.176 | 14.146 | 20.14 | 20.1  |
| Highest CH | 1.276                      | 1.278 | 3.045 | 2.967 | 4.925 | 4.855 | 9.83  | 9.79  | 14.416 | 14.176 | 20.1  | 20.14 |

| Mode       | LTE Band 71 : 26dB BW(MHz) |       |       |       |        |        |       |       |
|------------|----------------------------|-------|-------|-------|--------|--------|-------|-------|
| BW         | 5MHz                       |       | 10MHz |       | 15MHz  |        | 20MHz |       |
| Mod.       | QPSK                       | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  | QPSK  | 16QAM |
| Lowest CH  | 4.945                      | 4.975 | 9.87  | 9.89  | 14.416 | 14.326 | 20.06 | 20.14 |
| Middle CH  | 4.885                      | 4.915 | 9.75  | 9.85  | 14.416 | 14.356 | 20.14 | 20.18 |
| Highest CH | 4.835                      | 4.945 | 9.97  | 9.77  | 14.266 | 14.236 | 20.02 | 20.1  |



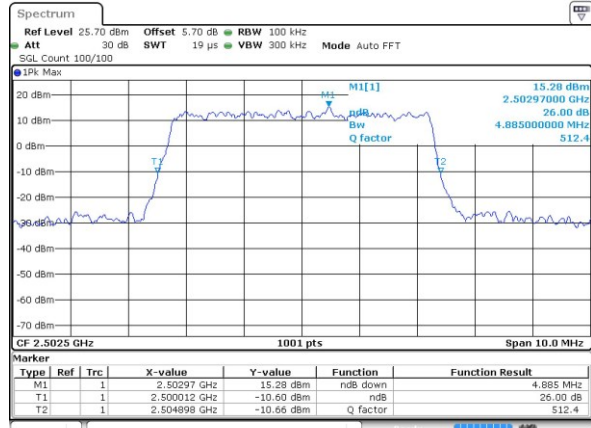
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



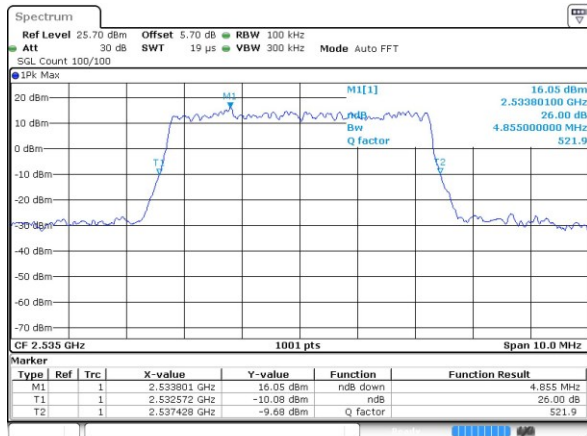
Date: 28 MAR 2019 22:22:31

## Lowest Channel / 5MHz / 16QAM



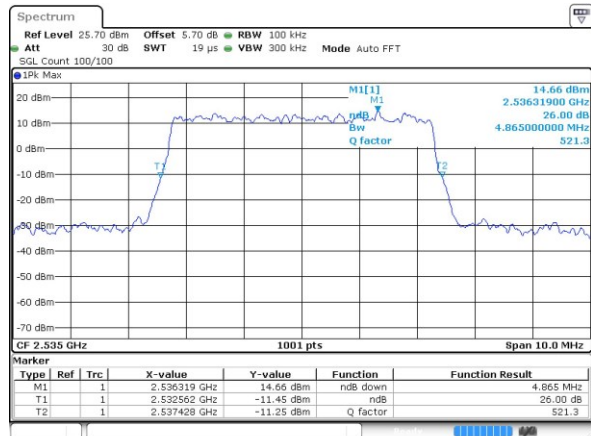
Date: 28 MAR 2019 22:24:52

## Middle Channel / 5MHz / QPSK



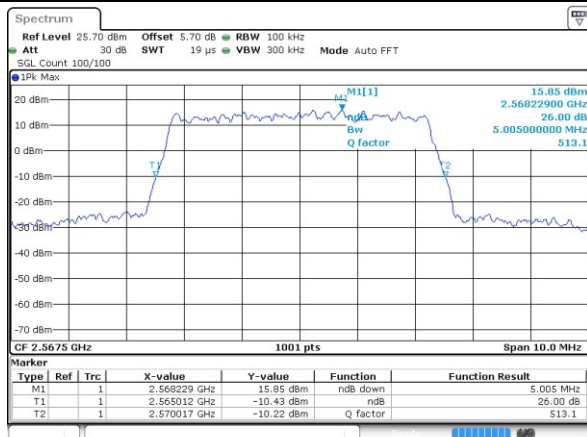
Date: 28 MAR 2019 22:23:00

## Middle Channel / 5MHz / 16QAM



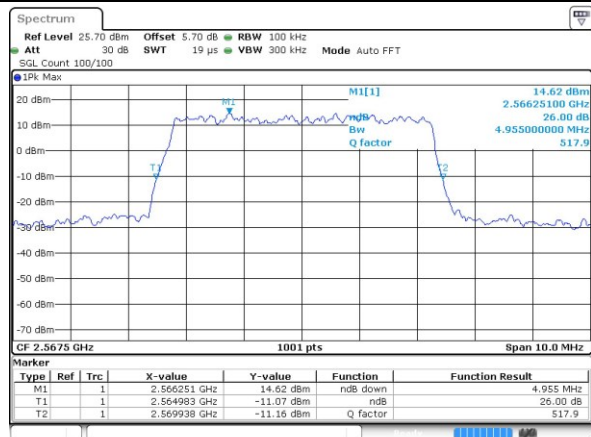
Date: 28 MAR 2019 22:24:23

## Highest Channel / 5MHz / QPSK



Date: 28 MAR 2019 22:23:28

## Highest Channel / 5MHz / 16QAM

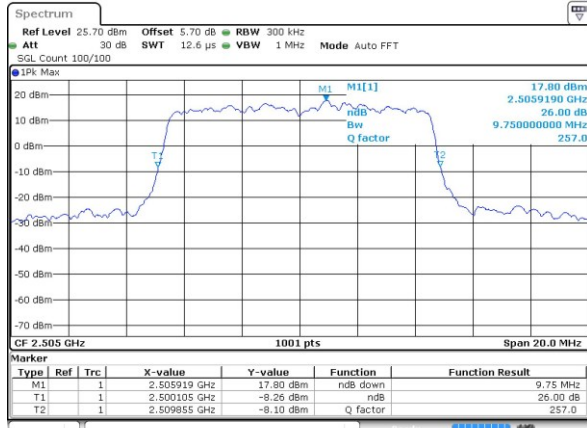


Date: 28 MAR 2019 22:23:57

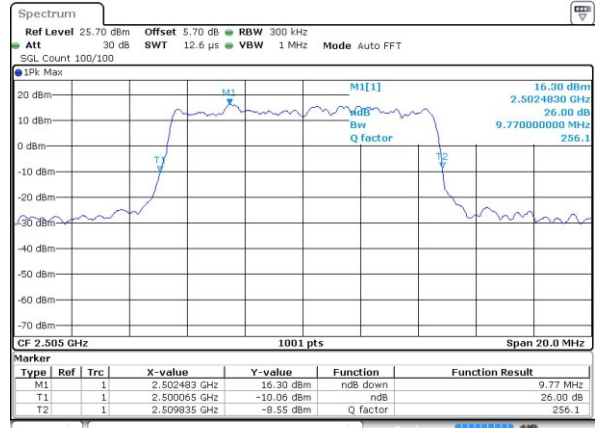


## LTE Band 7

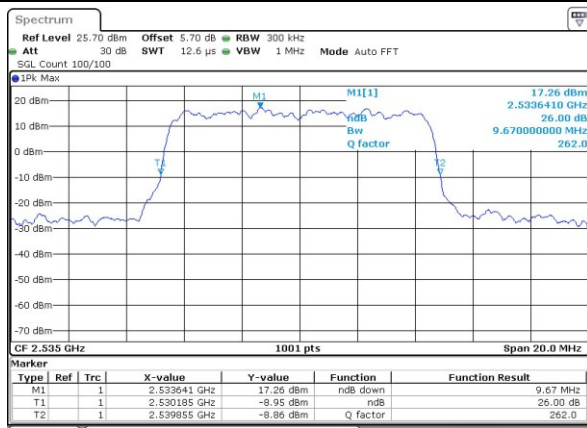
## Lowest Channel / 10MHz / QPSK



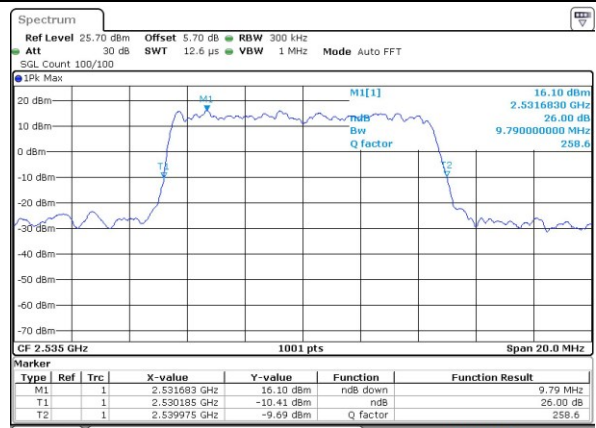
## Lowest Channel / 10MHz / 16QAM



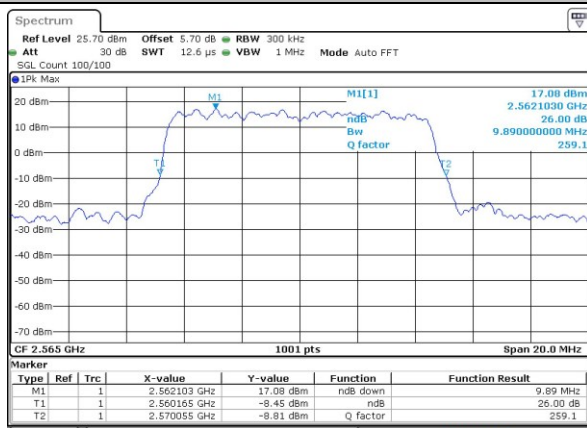
## Middle Channel / 10MHz / QPSK



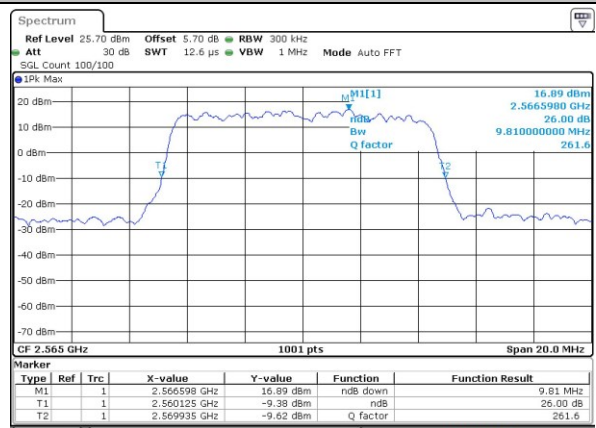
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



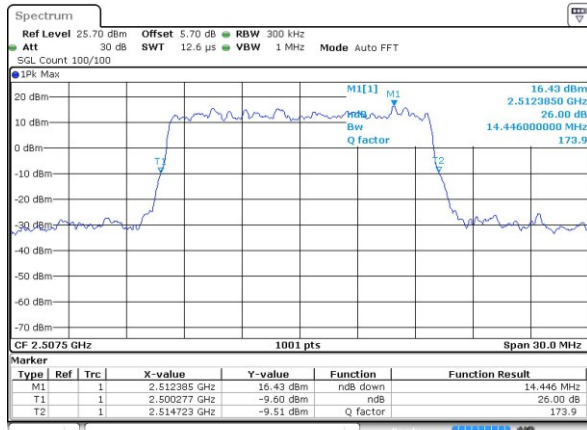
## Highest Channel / 10MHz / 16QAM



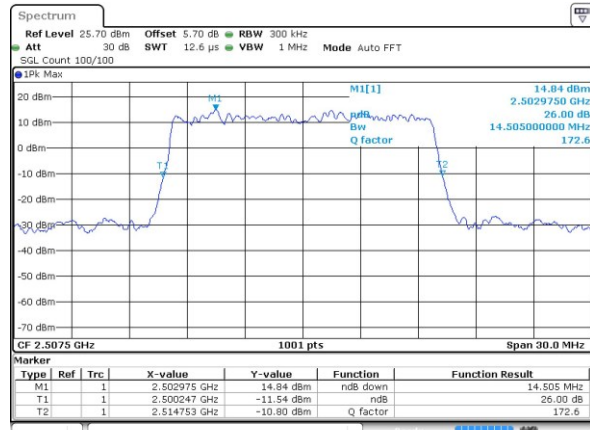


## LTE Band 7

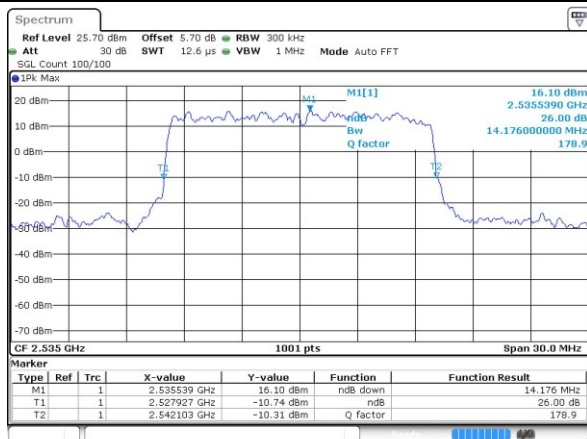
## Lowest Channel / 15MHz / QPSK



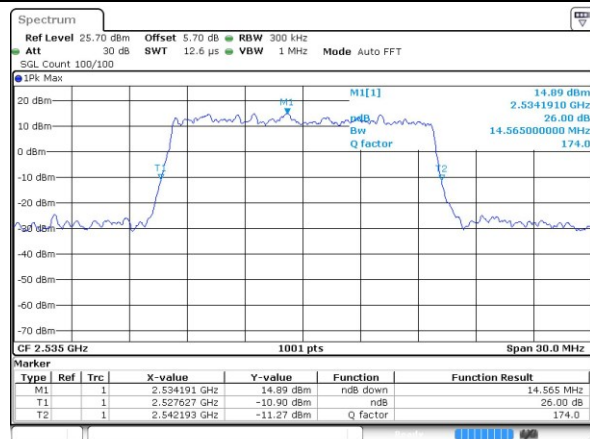
## Lowest Channel / 15MHz / 16QAM



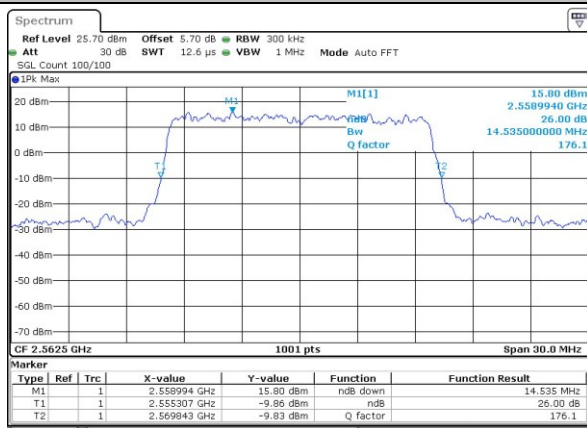
## Middle Channel / 15MHz / QPSK



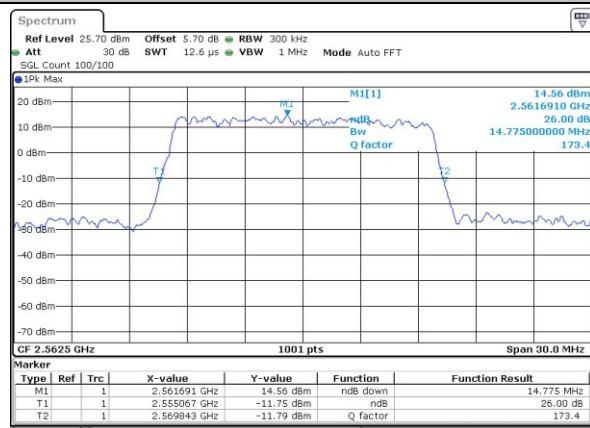
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



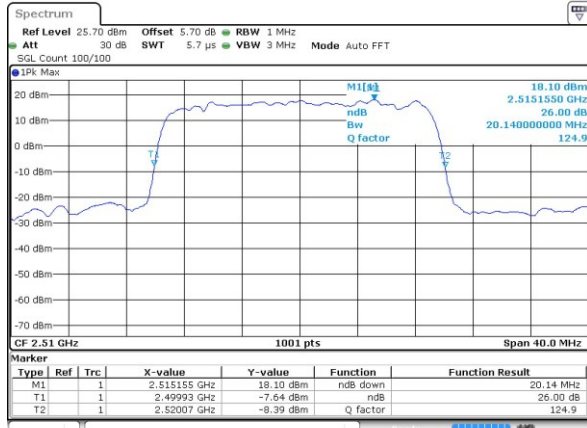
## Highest Channel / 15MHz / 16QAM





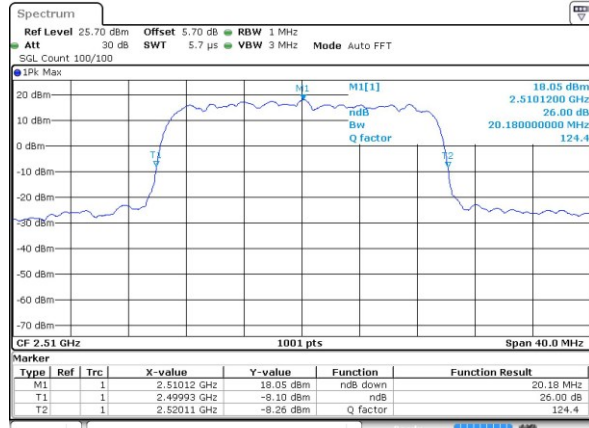
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



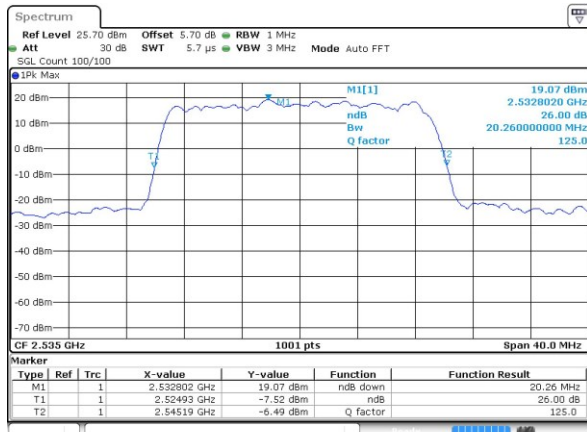
Date: 28 MAR 2019 23:05:38

## Lowest Channel / 20MHz / 16QAM



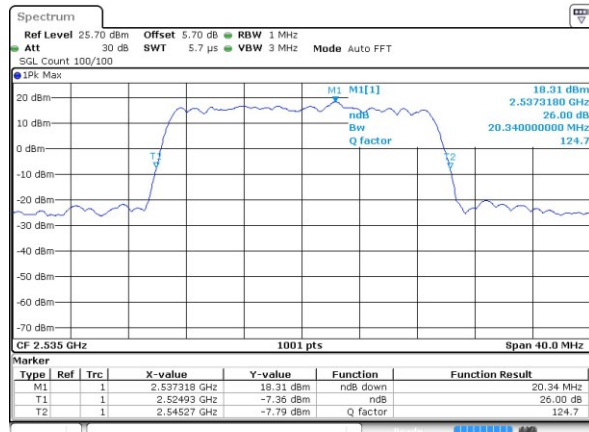
Date: 28 MAR 2019 23:08:18

## Middle Channel / 20MHz / QPSK



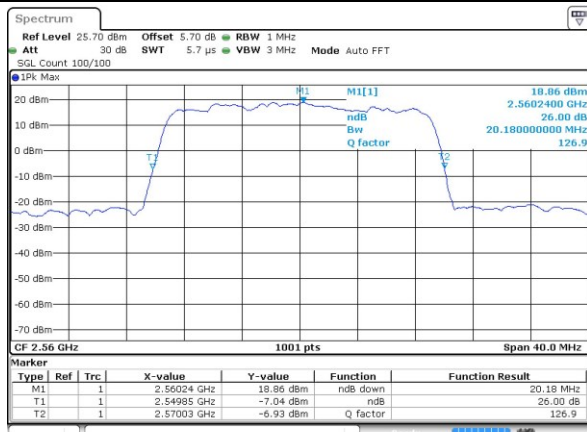
Date: 28 MAR 2019 23:06:12

## Middle Channel / 20MHz / 16QAM



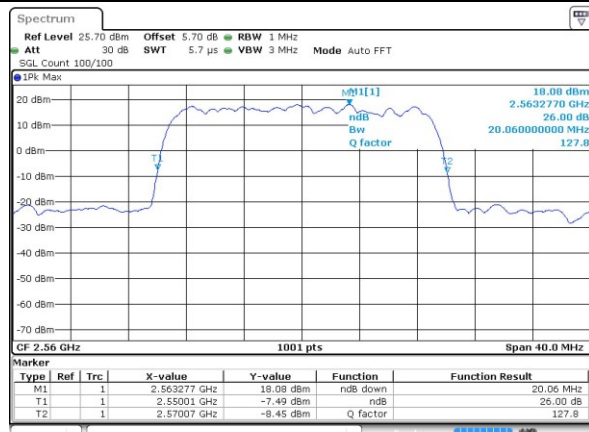
Date: 28 MAR 2019 23:07:51

## Highest Channel / 20MHz / QPSK



Date: 28 MAR 2019 23:06:42

## Highest Channel / 20MHz / 16QAM

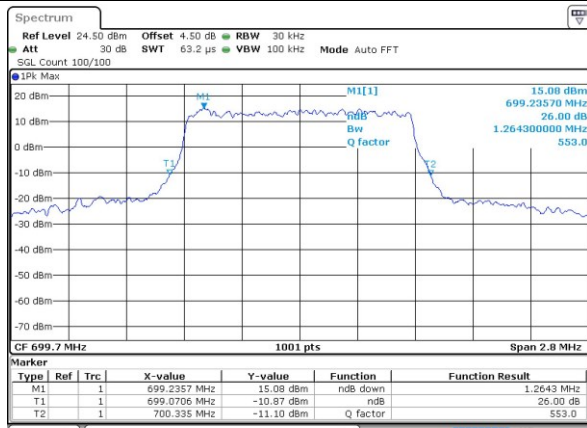


Date: 28 MAR 2019 23:07:13



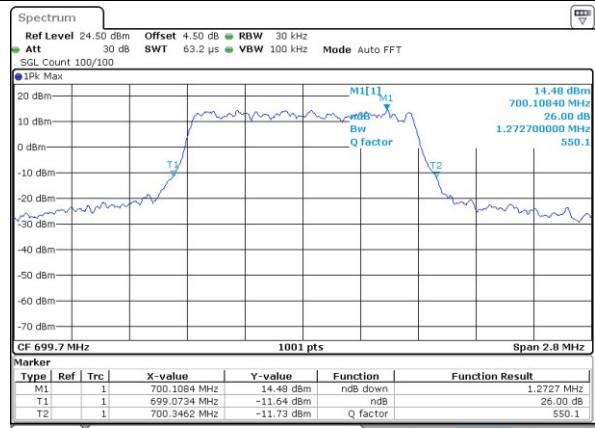
## LTE Band 12

## Lowest Channel / 1.4MHz / QPSK



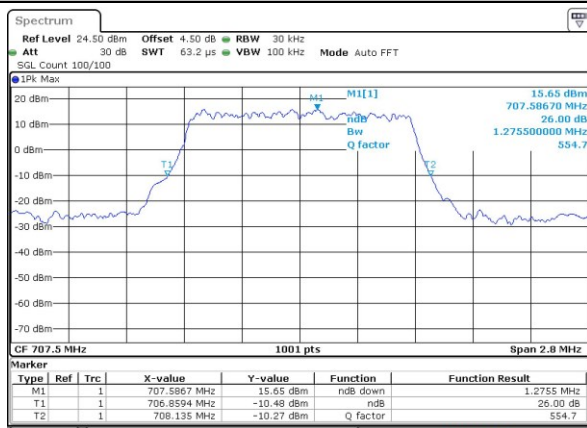
Date: 28 MAR 2019 23:25:36

## Lowest Channel / 1.4MHz / 16QAM



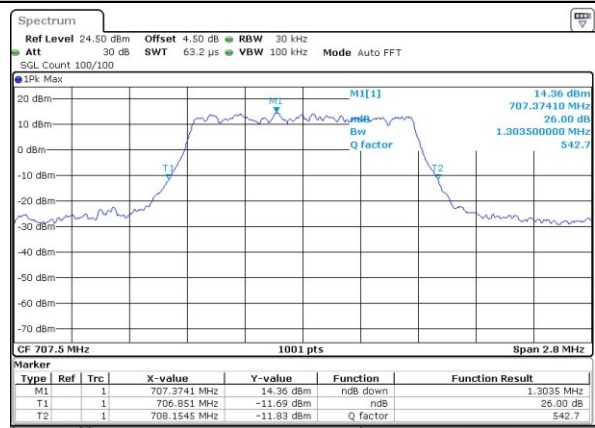
Date: 28 MAR 2019 23:28:07

## Middle Channel / 1.4MHz / QPSK



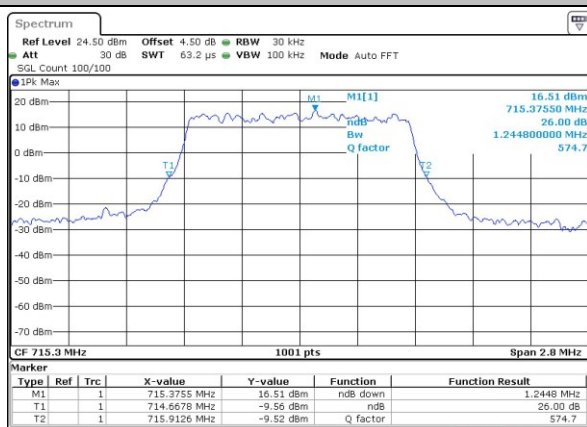
Date: 28 MAR 2019 23:26:09

## Middle Channel / 1.4MHz / 16QAM



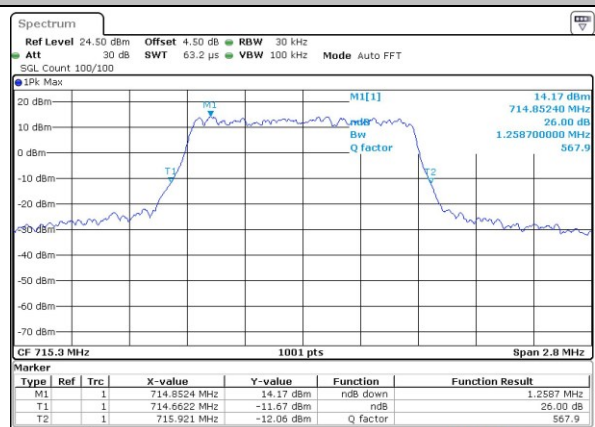
Date: 28 MAR 2019 23:27:40

## Highest Channel / 1.4MHz / QPSK



Date: 28 MAR 2019 23:26:38

## Highest Channel / 1.4MHz / 16QAM



Date: 28 MAR 2019 23:27:16