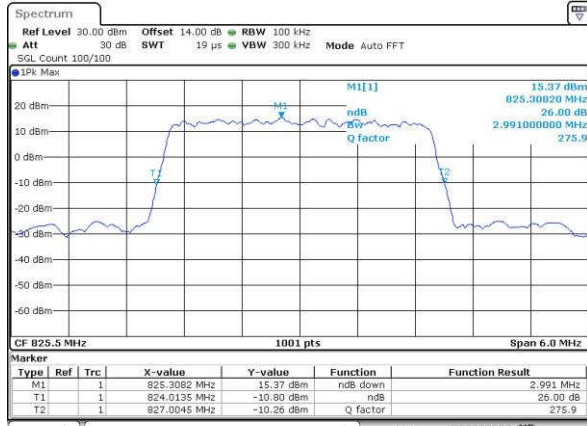


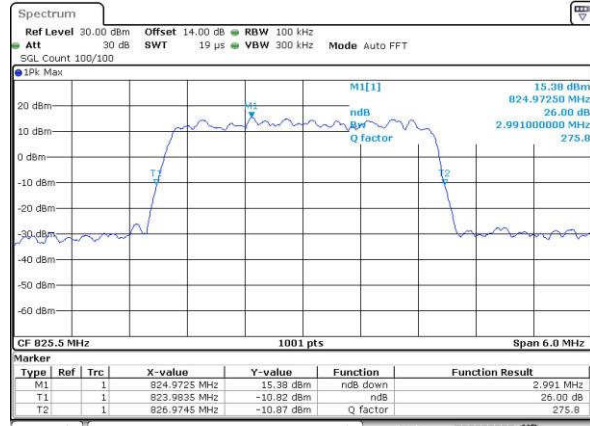


## LTE Band 26

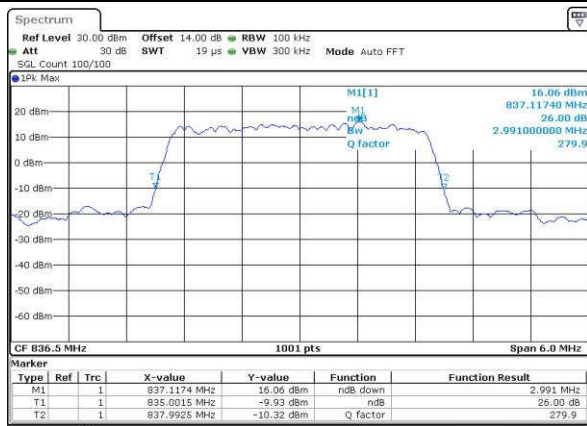
## Lowest Channel / 3MHz / QPSK



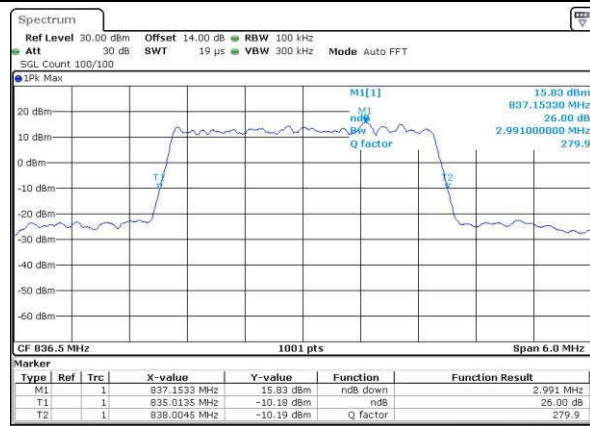
## Lowest Channel / 3MHz / 16QAM



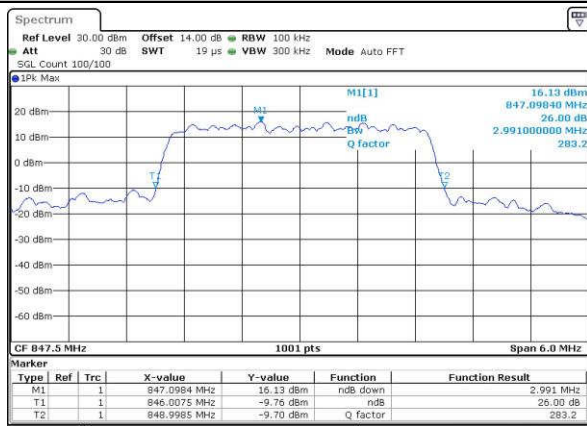
## Middle Channel / 3MHz / QPSK



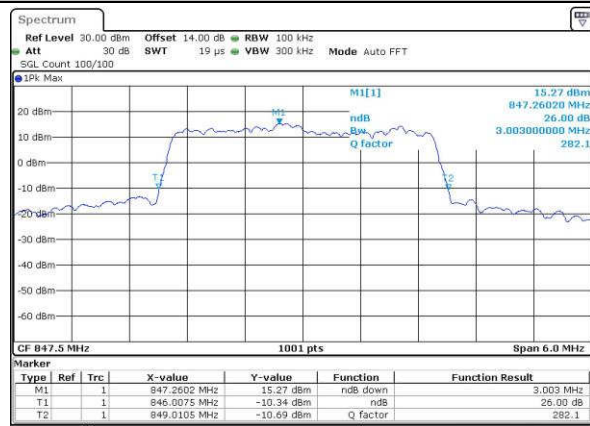
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



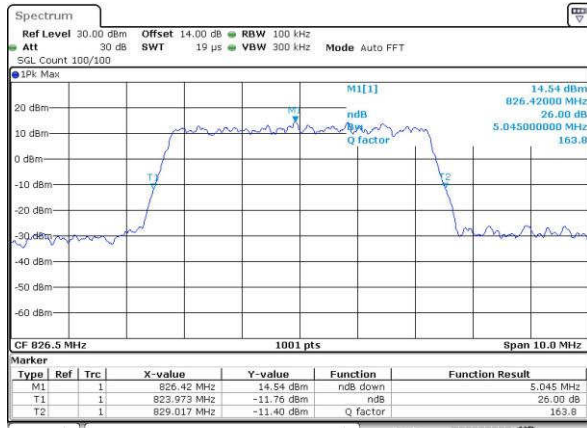
## Highest Channel / 3MHz / 16QAM





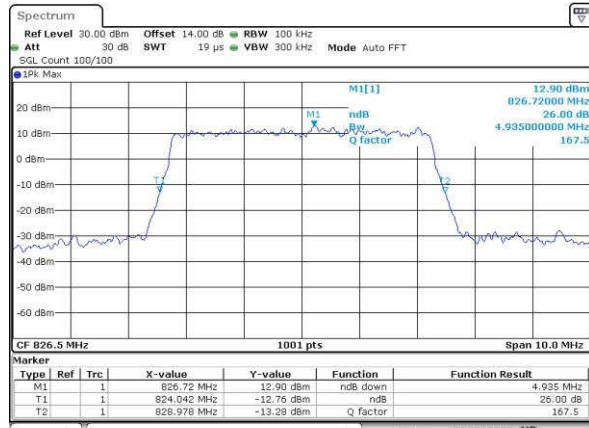
## LTE Band 26

## Lowest Channel / 5MHz / QPSK



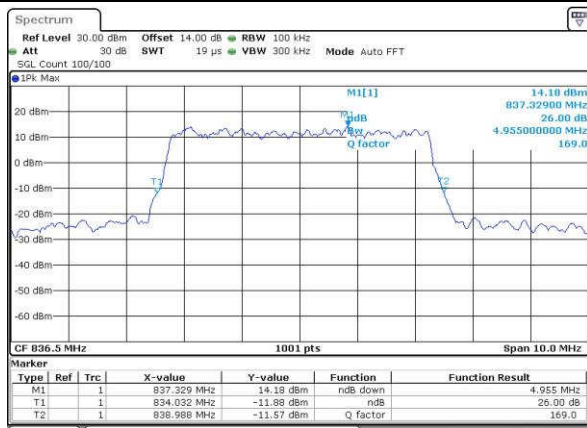
Date: 16 JUN 2017 15:42:46

## Lowest Channel / 5MHz / 16QAM



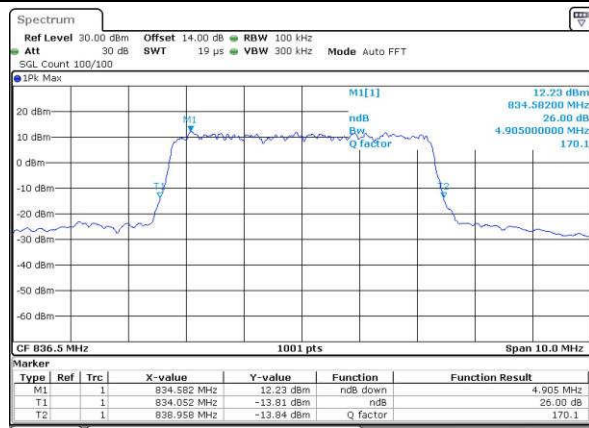
Date: 16 JUN 2017 15:42:56

## Middle Channel / 5MHz / QPSK



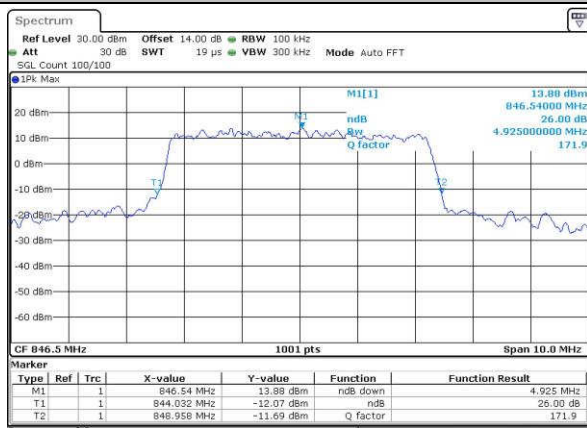
Date: 16 JUN 2017 15:43:29

## Middle Channel / 5MHz / 16QAM



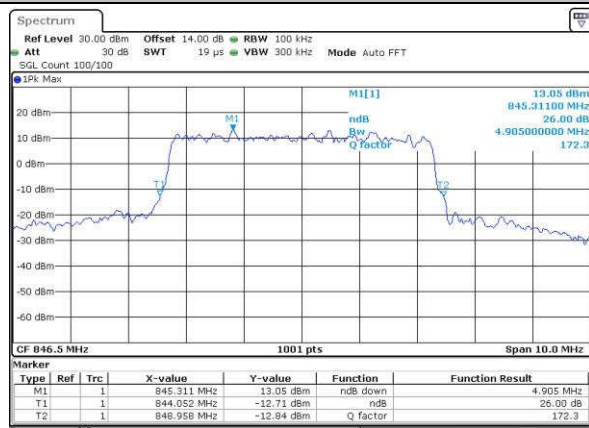
Date: 16 JUN 2017 15:43:39

## Highest Channel / 5MHz / QPSK



Date: 16 JUN 2017 15:44:11

## Highest Channel / 5MHz / 16QAM

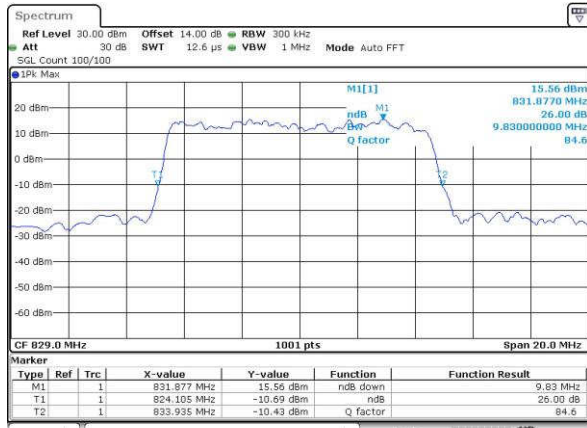


Date: 16 JUN 2017 15:44:22



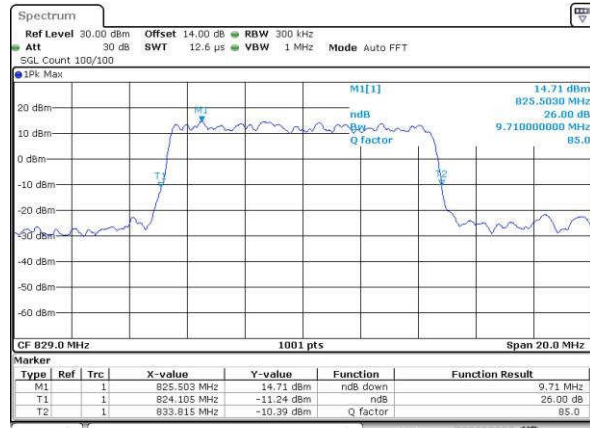
## LTE Band 26

## Lowest Channel / 10MHz / QPSK



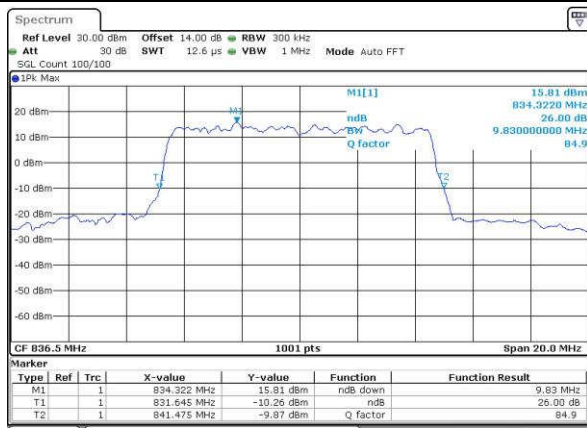
Date: 16 JUN 2017 15:44:54

## Lowest Channel / 10MHz / 16QAM



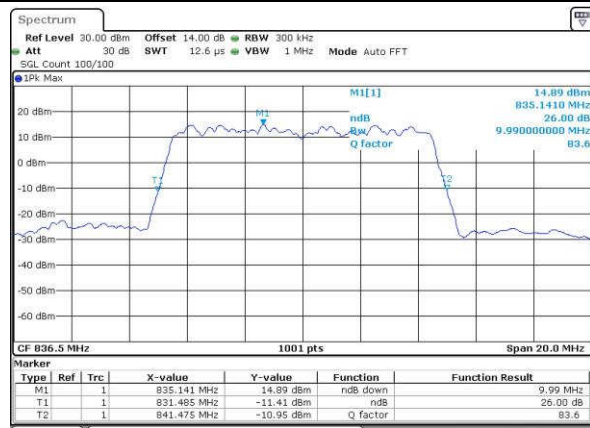
Date: 16 JUN 2017 15:45:05

## Middle Channel / 10MHz / QPSK



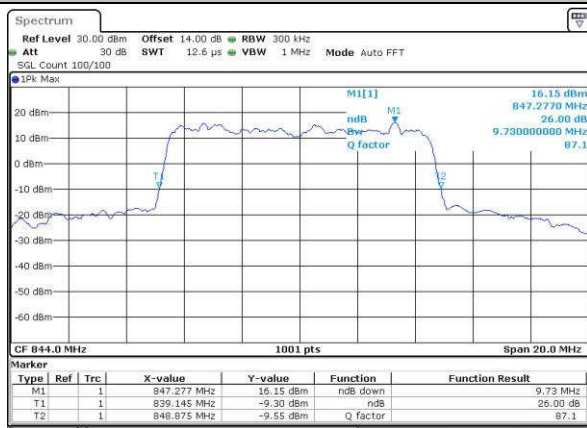
Date: 16 JUN 2017 15:45:37

## Middle Channel / 10MHz / 16QAM



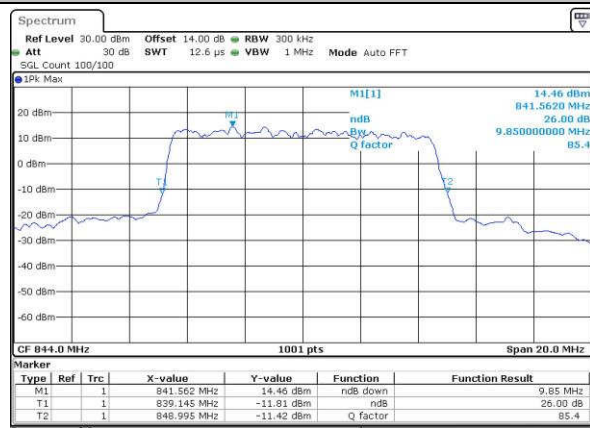
Date: 16 JUN 2017 15:45:48

## Highest Channel / 10MHz / QPSK



Date: 16 JUN 2017 15:46:20

## Highest Channel / 10MHz / 16QAM

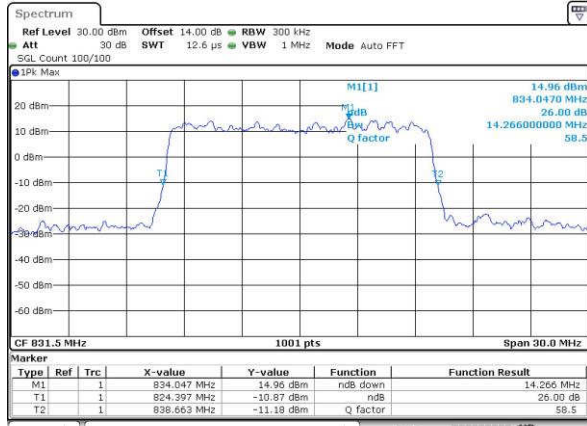


Date: 16 JUN 2017 15:46:30

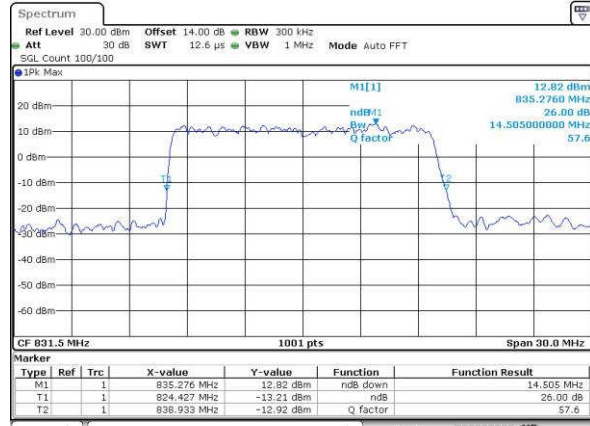


## LTE Band 26

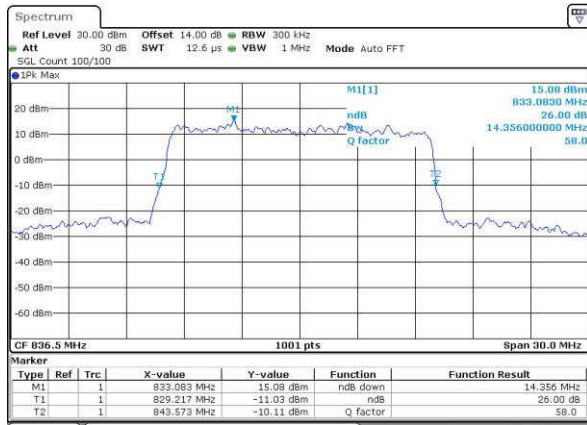
## Lowest Channel / 15MHz / QPSK



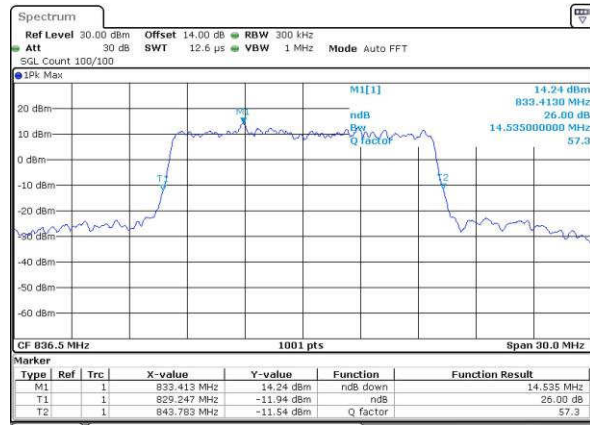
## Lowest Channel / 15MHz / 16QAM



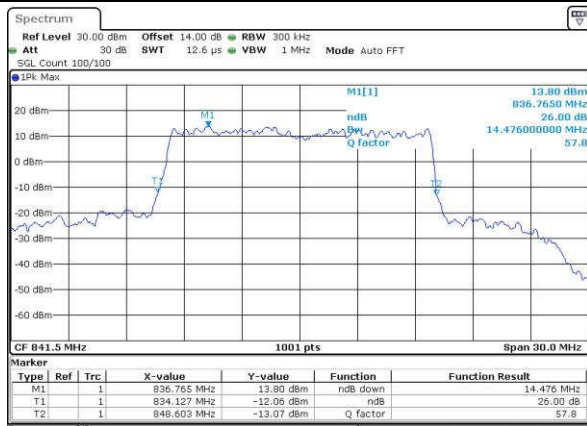
## Middle Channel / 15MHz / QPSK



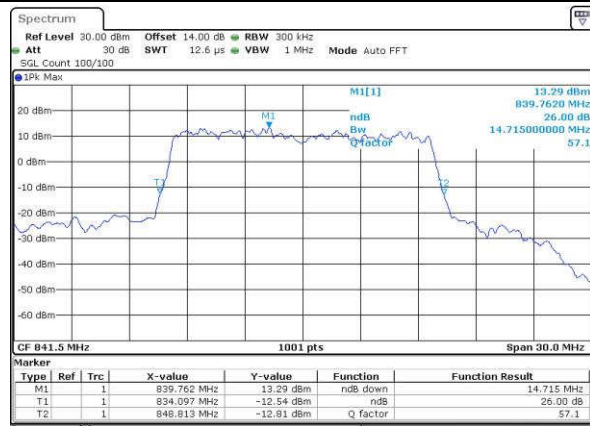
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



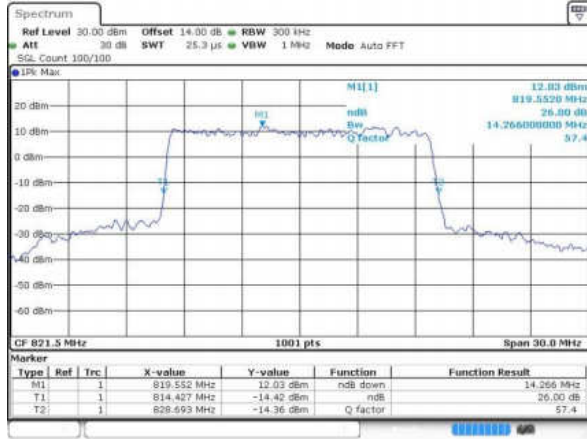
## Highest Channel / 15MHz / 16QAM



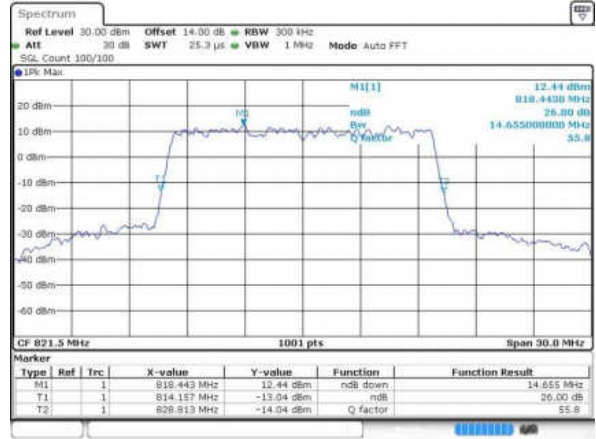


## LTE Band 26

## CH26765 / 15MHz / QPSK



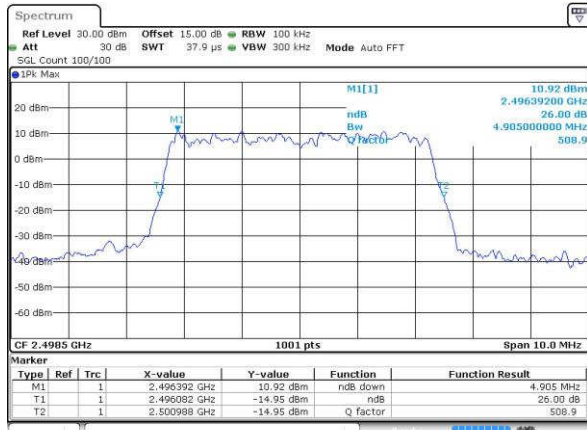
## CH26765 / 15MHz / 16QAM



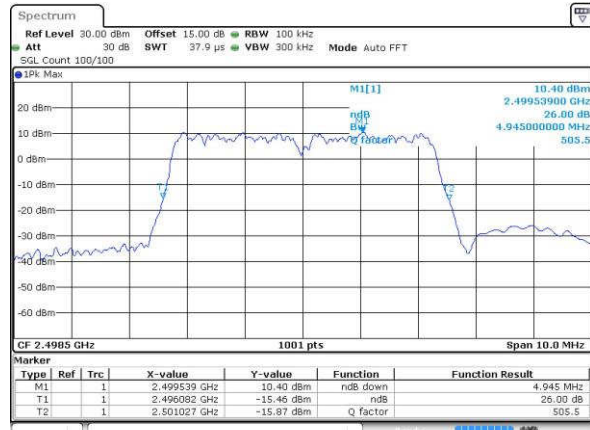


## LTE Band 41

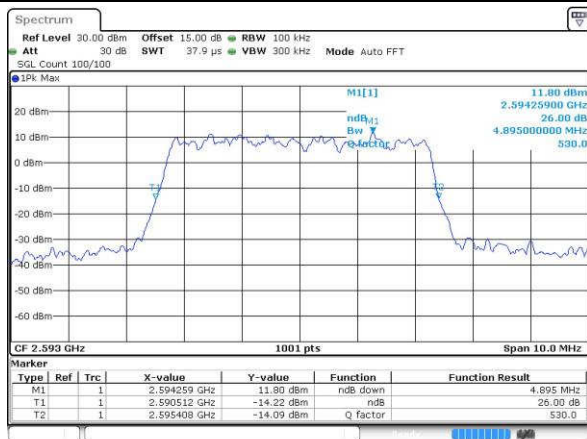
## Lowest Channel / 5MHz / QPSK



## Lowest Channel / 5MHz / 16QAM



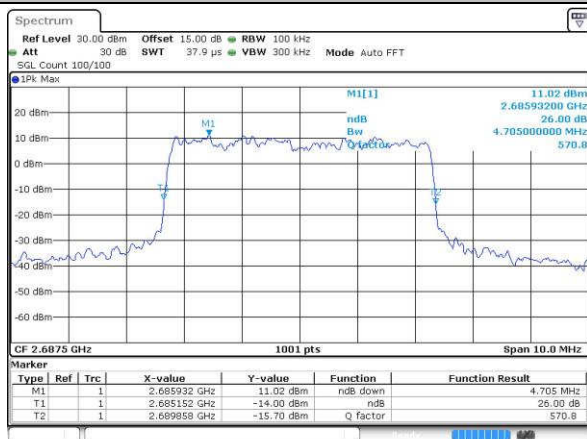
## Middle Channel / 5MHz / QPSK



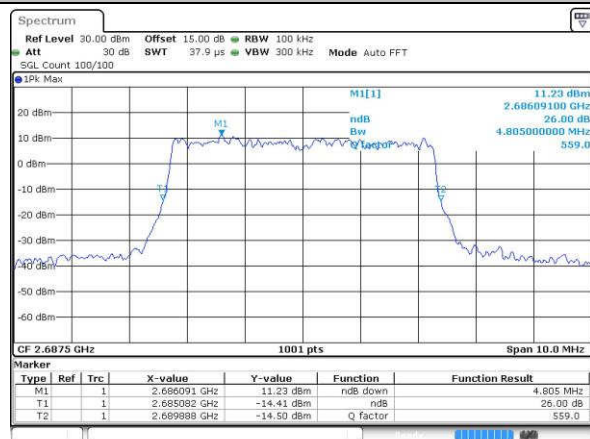
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



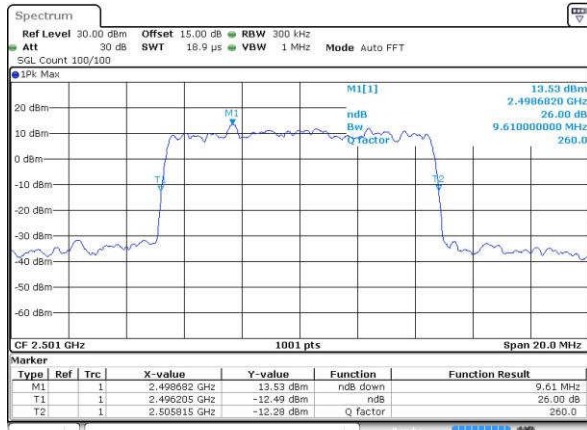
## Highest Channel / 5MHz / 16QAM





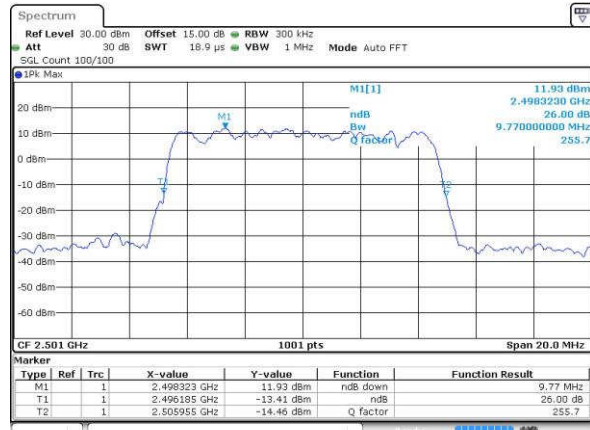
## LTE Band 41

## Lowest Channel / 10MHz / QPSK



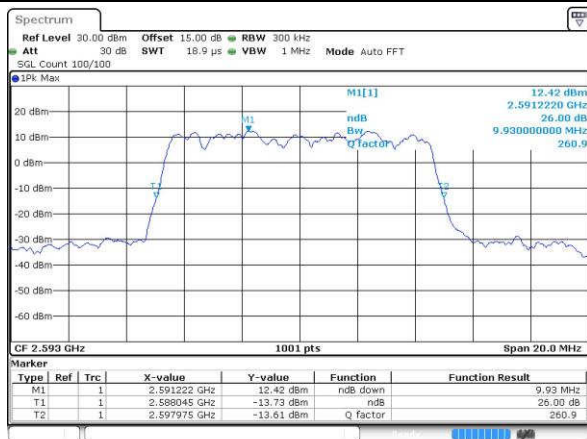
Date: 19 JUN 2017 15:50:25

## Lowest Channel / 10MHz / 16QAM



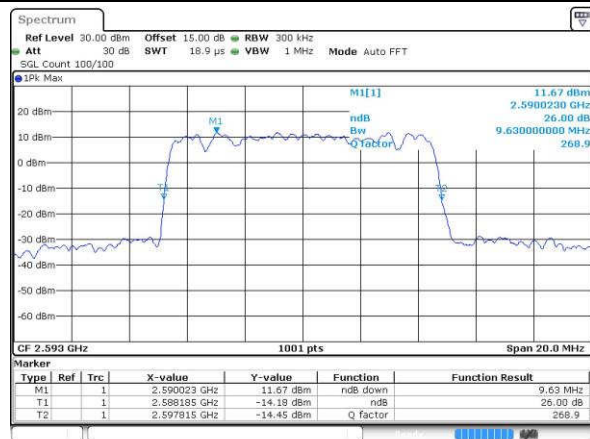
Date: 19 JUN 2017 15:50:36

## Middle Channel / 10MHz / QPSK



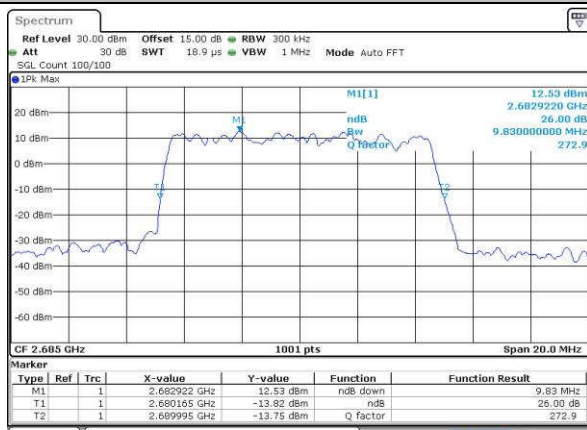
Date: 19 JUN 2017 15:51:06

## Middle Channel / 10MHz / 16QAM



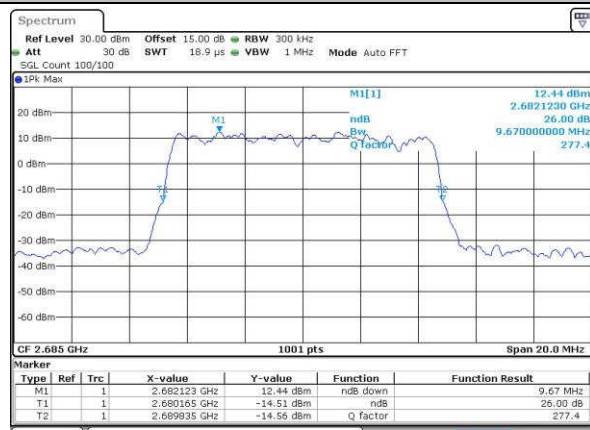
Date: 19 JUN 2017 15:51:16

## Highest Channel / 10MHz / QPSK



Date: 19 JUN 2017 15:51:46

## Highest Channel / 10MHz / 16QAM

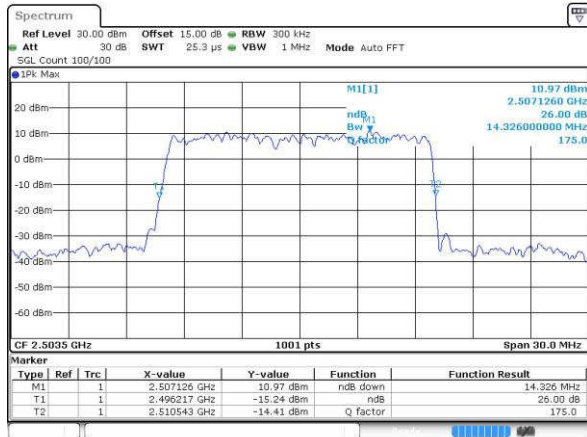


Date: 19 JUN 2017 15:51:57

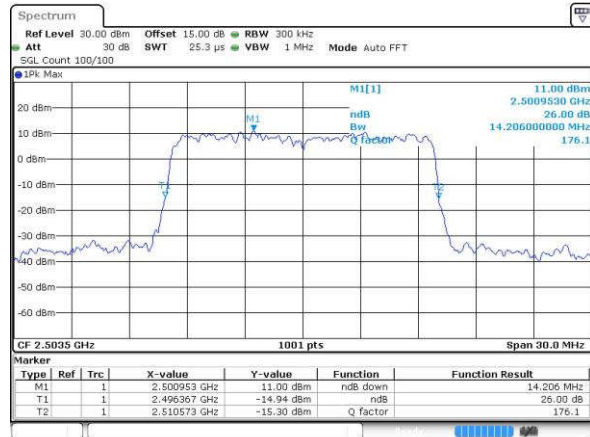


## LTE Band 41

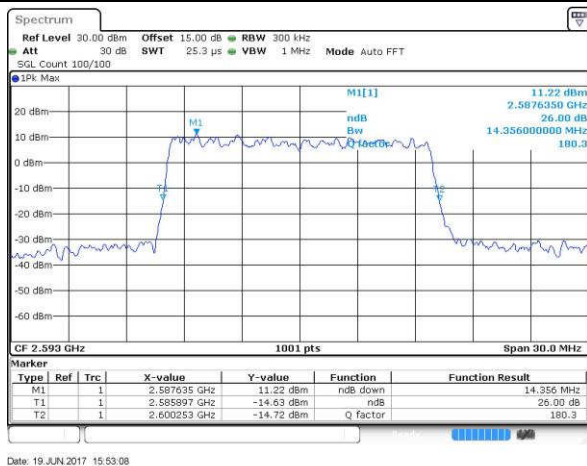
## Lowest Channel / 15MHz / QPSK



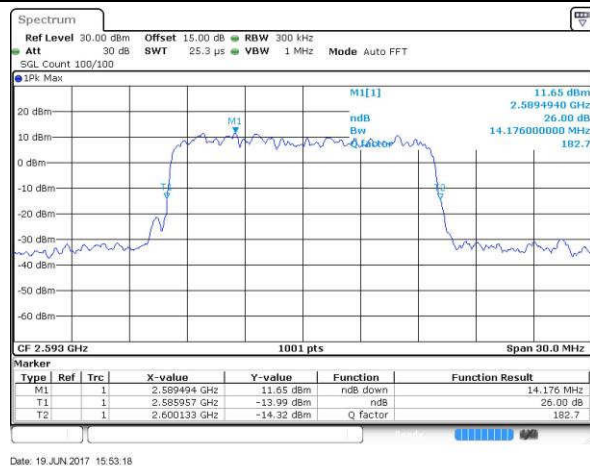
## Lowest Channel / 15MHz / 16QAM



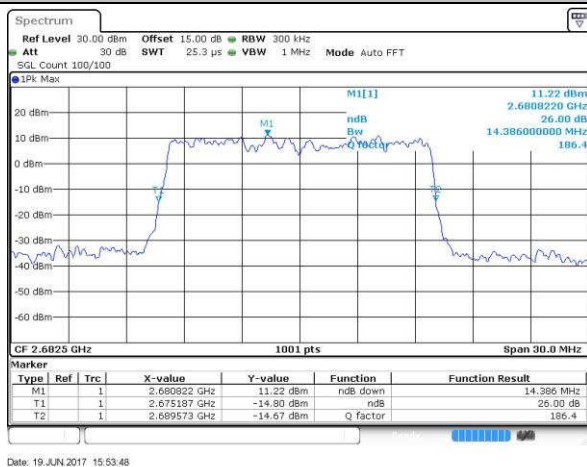
## Middle Channel / 15MHz / QPSK



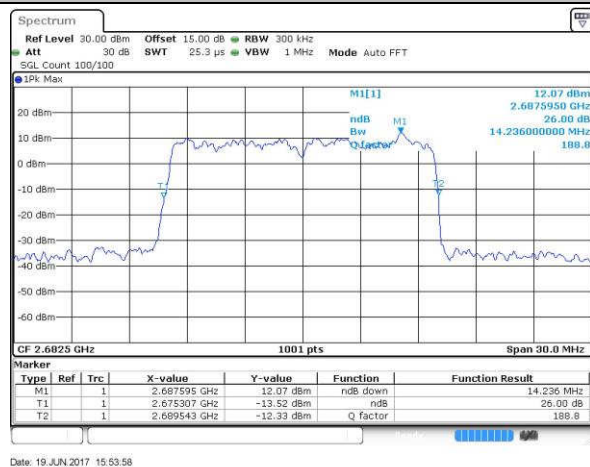
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



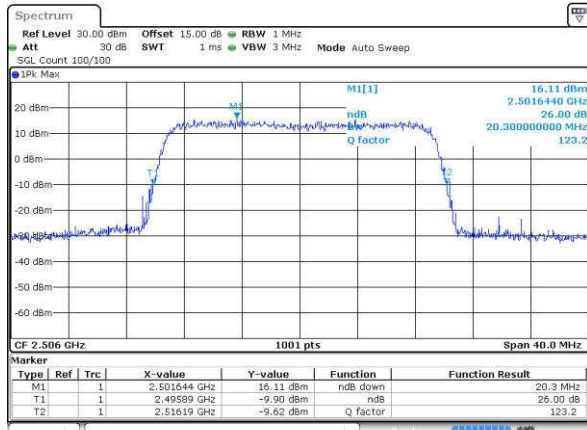
## Highest Channel / 15MHz / 16QAM





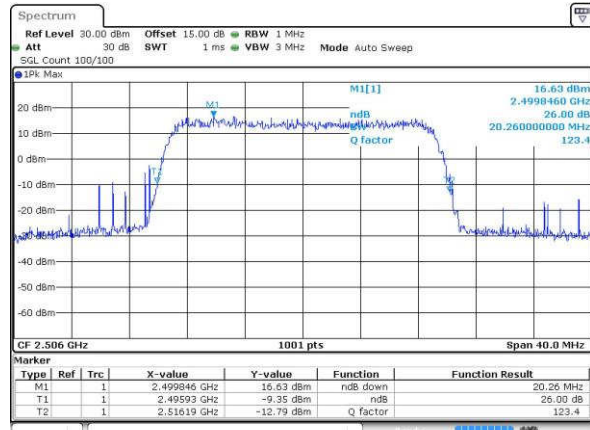
## LTE Band 41

## Lowest Channel / 20MHz / QPSK



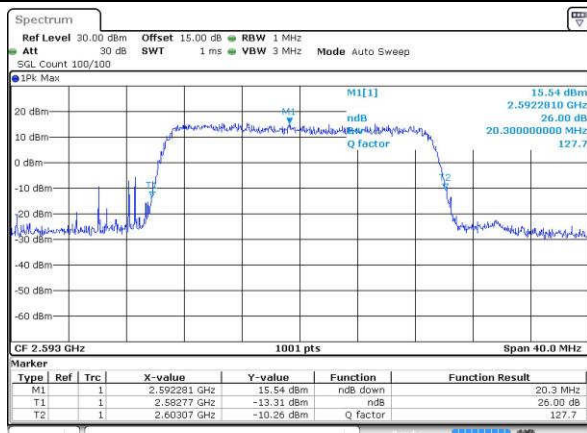
Date: 19 JUN 2017 15:54:29

## Lowest Channel / 20MHz / 16QAM



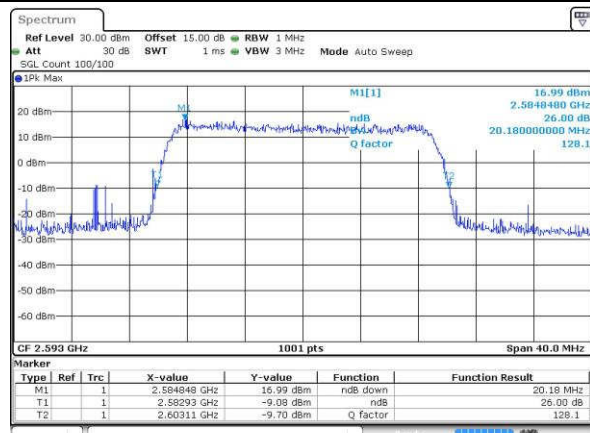
Date: 19 JUN 2017 15:54:39

## Middle Channel / 20MHz / QPSK



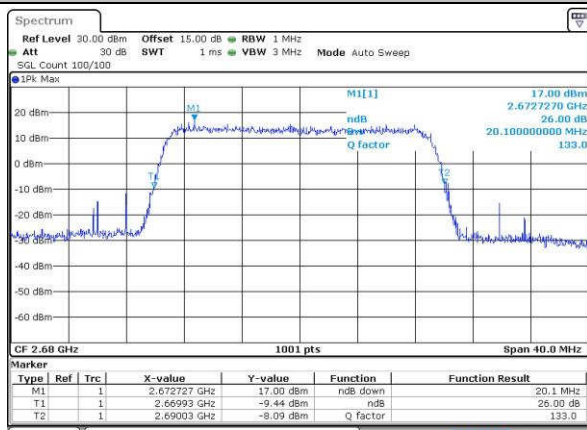
Date: 19 JUN 2017 15:55:10

## Middle Channel / 20MHz / 16QAM



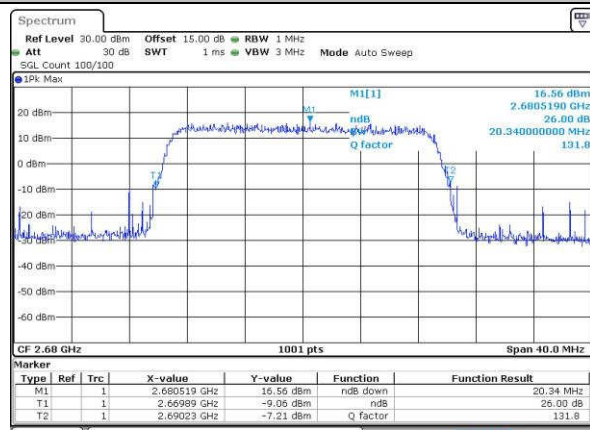
Date: 19 JUN 2017 15:55:21

## Highest Channel / 20MHz / QPSK



Date: 19 JUN 2017 15:55:51

## Highest Channel / 20MHz / 16QAM



Date: 19 JUN 2017 15:56:01



## Occupied Bandwidth

| Mode       | LTE Band 2 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                     | 1.10  | 2.70 | 2.70  | 4.50 | 4.48  | 9.05  | 8.99  | 13.40 | 13.52 | 18.14 | 18.34 |
| Middle CH  | 1.09                     | 1.09  | 2.73 | 2.71  | 4.49 | 4.50  | 9.01  | 9.03  | 13.34 | 13.46 | 18.38 | 18.42 |
| Highest CH | 1.09                     | 1.09  | 2.72 | 2.73  | 4.49 | 4.47  | 9.09  | 9.03  | 13.49 | 13.49 | 18.34 | 18.38 |

| Mode       | LTE Band 4 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.10                     | 1.09  | 2.72 | 2.72  | 4.49 | 4.51  | 9.01  | 9.09  | 13.46 | 13.46 | 18.42 | 18.34 |
| Middle CH  | 1.10                     | 1.09  | 2.72 | 2.73  | 4.48 | 4.51  | 9.01  | 8.99  | 13.43 | 13.46 | 18.34 | 18.42 |
| Highest CH | 1.09                     | 1.09  | 2.70 | 2.72  | 4.51 | 4.49  | 9.03  | 9.03  | 13.49 | 13.52 | 18.42 | 18.46 |

| Mode       | LTE Band 5 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                     | 1.10  | 2.73 | 2.72  | 4.49 | 4.48  | 9.03  | 9.05  | -     | -     | -     | -     |
| Middle CH  | 1.09                     | 1.09  | 2.73 | 2.73  | 4.50 | 4.51  | 9.03  | 9.01  | -     | -     | -     | -     |
| Highest CH | 1.09                     | 1.09  | 2.72 | 2.72  | 4.49 | 4.49  | 9.05  | 9.07  | -     | -     | -     | -     |

| Mode       | LTE Band 7 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|--------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                        | -     | -    | -     | 4.52 | 4.49  | 9.03  | 9.03  | 13.46 | 13.46 | 18.42 | 18.30 |
| Middle CH  | -                        | -     | -    | -     | 4.50 | 4.49  | 9.03  | 9.05  | 13.46 | 13.46 | 18.34 | 18.42 |
| Highest CH | -                        | -     | -    | -     | 4.49 | 4.47  | 9.07  | 9.03  | 13.49 | 13.49 | 18.34 | 18.42 |

| Mode       | LTE Band 12 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                      | 1.09  | 2.73 | 2.73  | 4.50 | 4.48  | 9.01  | 8.99  | -     | -     | -     | -     |
| Middle CH  | 1.08                      | 1.10  | 2.73 | 2.72  | 4.48 | 4.49  | 9.09  | 9.05  | -     | -     | -     | -     |
| Highest CH | 1.09                      | 1.09  | 2.73 | 2.72  | 4.51 | 4.52  | 9.05  | 9.01  | -     | -     | -     | -     |



| Mode       | LTE Band 17 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 4.48 | 4.51  | 9.01  | 9.03  | -     | -     | -     | -     |
| Middle CH  | -                         | -     | -    | -     | 4.50 | 4.50  | 9.11  | 9.01  | -     | -     | -     | -     |
| Highest CH | -                         | -     | -    | -     | 4.51 | 4.50  | 9.03  | 9.01  | -     | -     | -     | -     |

| Mode       | LTE Band 25 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | 1.09                      | 1.09  | 2.73 | 2.72  | 4.50 | 4.50  | 9.01  | 8.99  | 13.43 | 13.43 | 18.18 | 18.42 |
| Middle CH  | 1.09                      | 1.09  | 2.73 | 2.72  | 4.48 | 4.48  | 9.05  | 9.07  | 13.52 | 13.49 | 18.34 | 18.46 |
| Highest CH | 1.09                      | 1.08  | 2.72 | 2.71  | 4.48 | 4.49  | 9.05  | 9.01  | 13.40 | 13.43 | 18.30 | 18.30 |

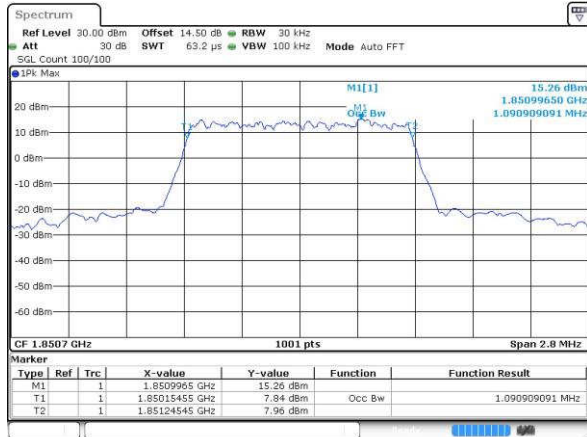
| Mode       | LTE Band 26 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |         |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|---------|-------|
| BW         | 1.4MHz                    |       | 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 | 2.73  | 4.49 | 4.49  | 9.07  | 9.09  | 13.52 | 13.43 | 13.43   | 13.49 |
| Middle CH  | 1.09                      | 1.09  | 2.72 | 2.72  | 4.51 | 4.49  | 9.05  | 8.99  | 13.43 | 13.46 | -       | -     |
| Highest CH | 1.10                      | 1.09  | 2.72 | 2.75  | 4.52 | 4.47  | 9.05  | 9.05  | 13.43 | 13.46 | -       | -     |

| Mode       | LTE Band 41 : 99%OBW(MHz) |       |      |       |      |       |       |       |       |       |       |       |
|------------|---------------------------|-------|------|-------|------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz |       | 5MHz |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -    | -     | 4.49 | 4.47  | 9.01  | 8.99  | 13.43 | 13.43 | 18.46 | 18.34 |
| Middle CH  | -                         | -     | -    | -     | 4.50 | 4.49  | 9.07  | 9.07  | 13.49 | 13.52 | 18.42 | 18.42 |
| Highest CH | -                         | -     | -    | -     | 4.49 | 4.49  | 9.03  | 9.01  | 13.43 | 13.37 | 18.42 | 18.30 |



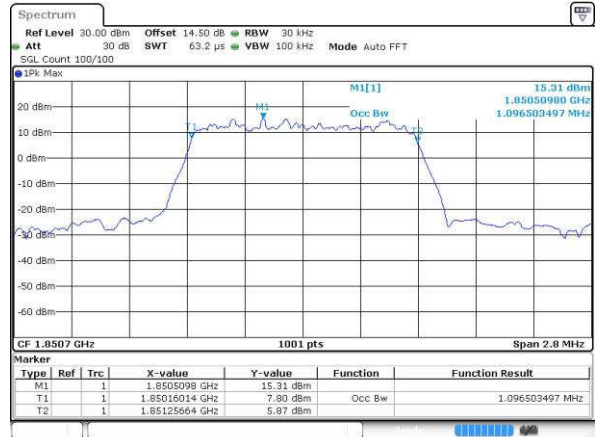
## LTE Band 2

## Lowest Channel / 1.4MHz / QPSK



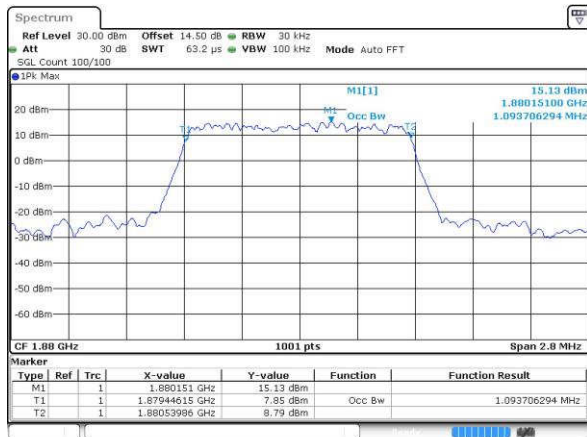
Date: 13 JUN 2017 20:13:50

## Lowest Channel / 1.4MHz / 16QAM



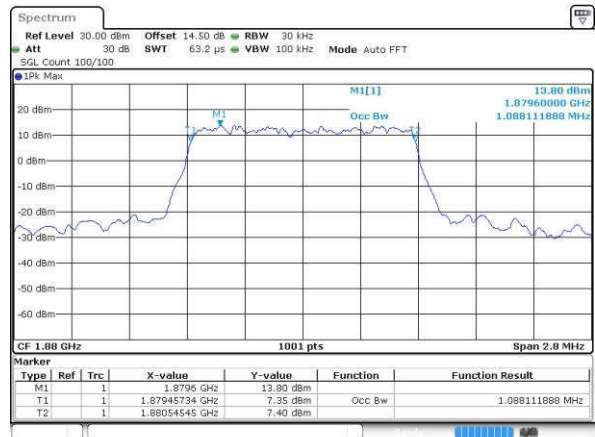
Date: 13 JUN 2017 20:14:00

## Middle Channel / 1.4MHz / QPSK



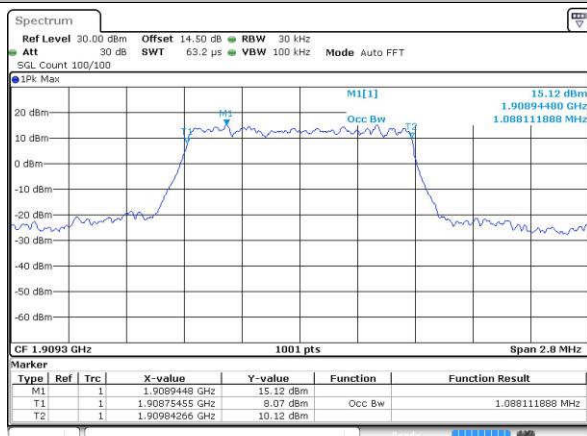
Date: 13 JUN 2017 20:20:53

## Middle Channel / 1.4MHz / 16QAM



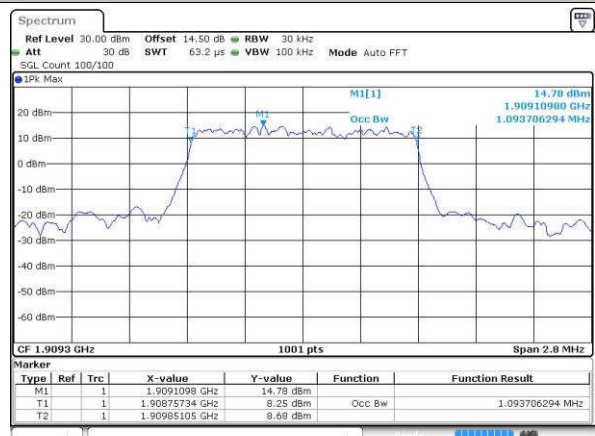
Date: 13 JUN 2017 20:21:03

## Highest Channel / 1.4MHz / QPSK



Date: 13 JUN 2017 20:23:21

## Highest Channel / 1.4MHz / 16QAM

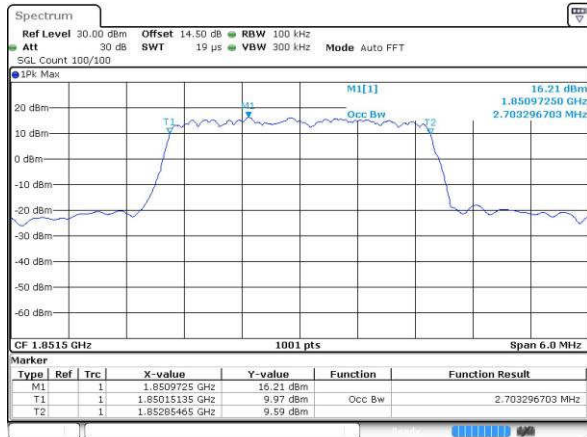


Date: 13 JUN 2017 20:23:31



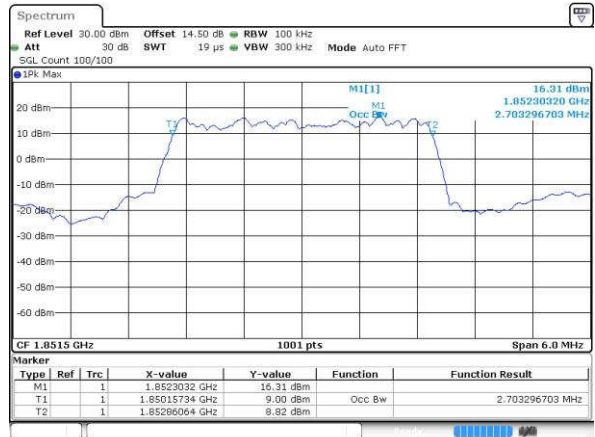
## LTE Band 2

## Lowest Channel / 3MHz / QPSK



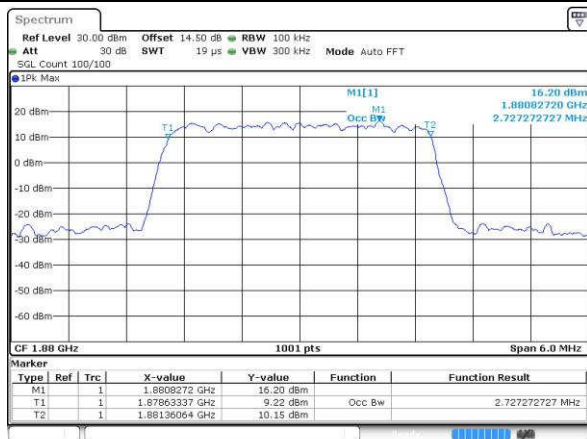
Date: 13 JUN 2017 20:30:23

## Lowest Channel / 3MHz / 16QAM



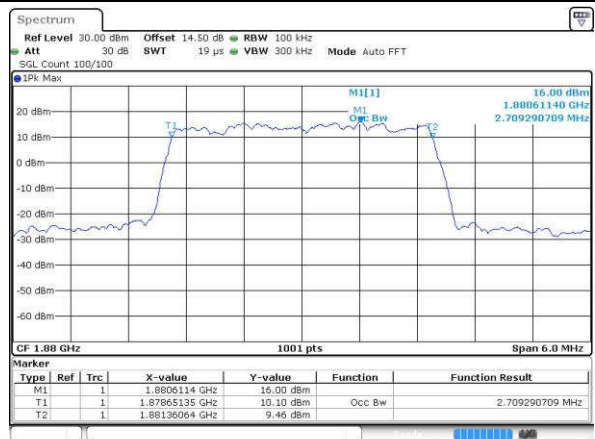
Date: 13 JUN 2017 20:30:33

## Middle Channel / 3MHz / QPSK



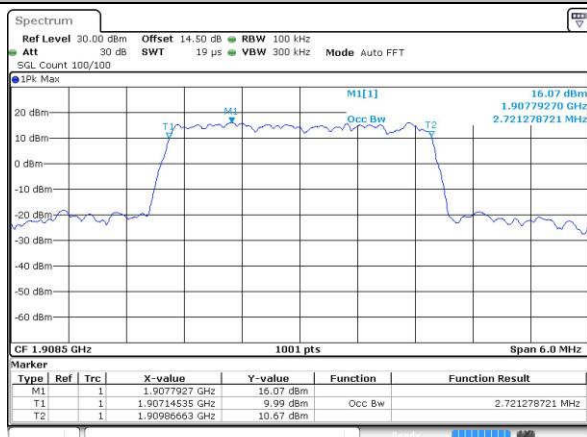
Date: 13 JUN 2017 20:37:25

## Middle Channel / 3MHz / 16QAM



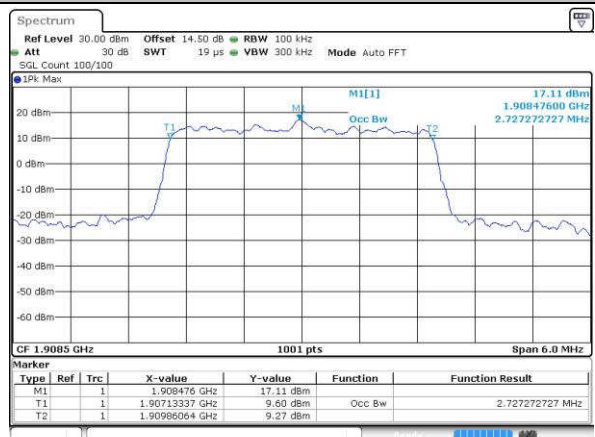
Date: 13 JUN 2017 20:37:35

## Highest Channel / 3MHz / QPSK



Date: 13 JUN 2017 20:38:53

## Highest Channel / 3MHz / 16QAM

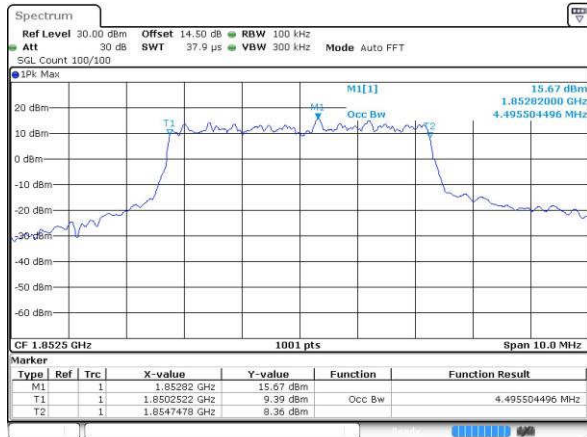


Date: 13 JUN 2017 20:40:03

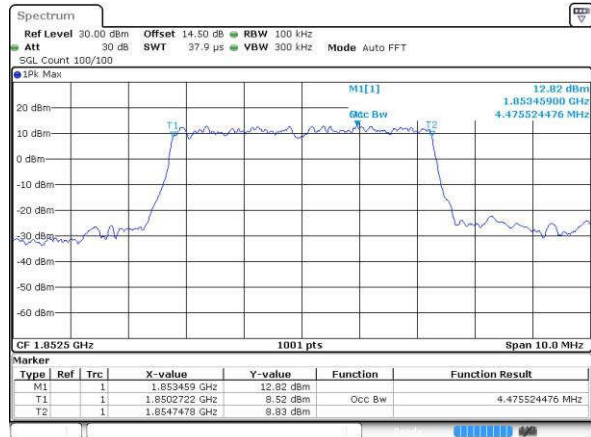


## LTE Band 2

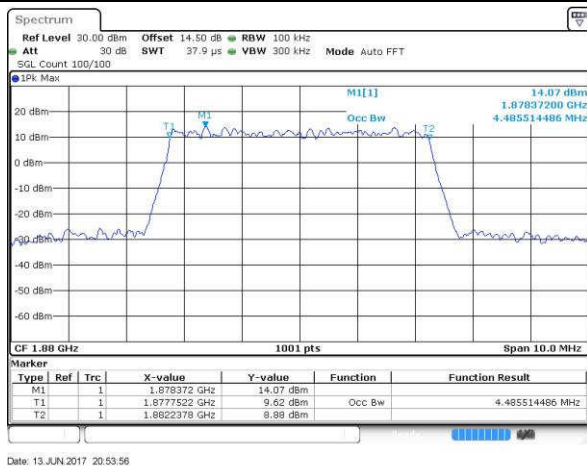
## Lowest Channel / 5MHz / QPSK



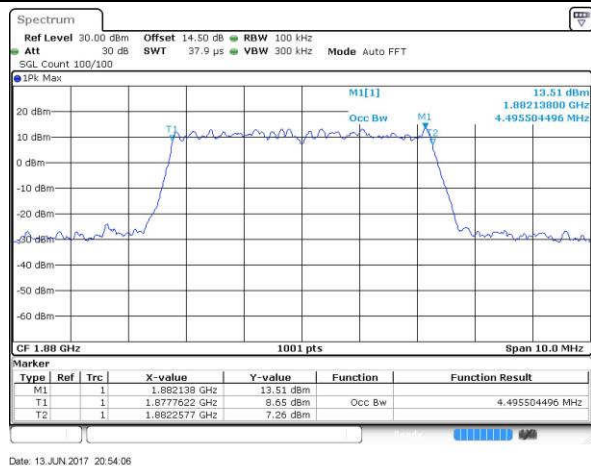
## Lowest Channel / 5MHz / 16QAM



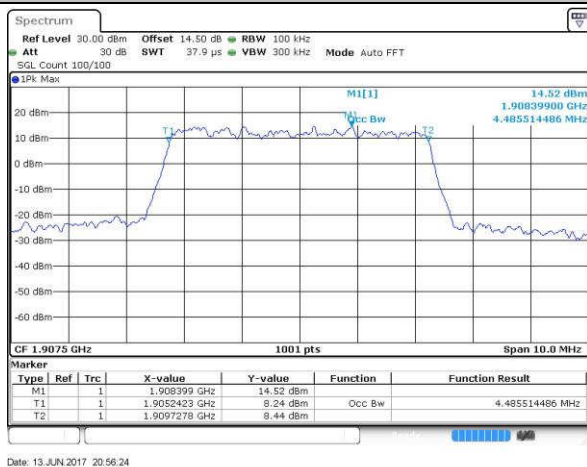
## Middle Channel / 5MHz / QPSK



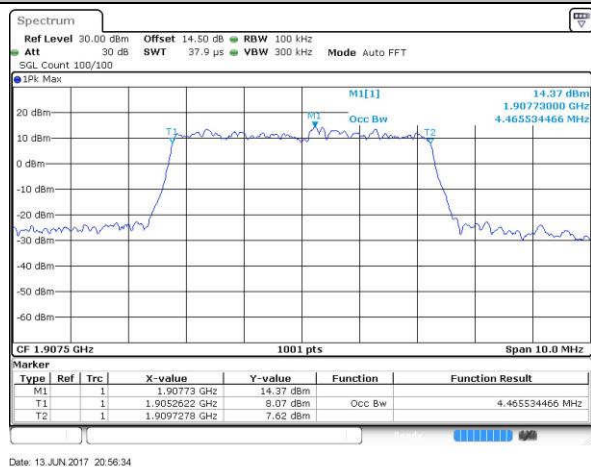
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



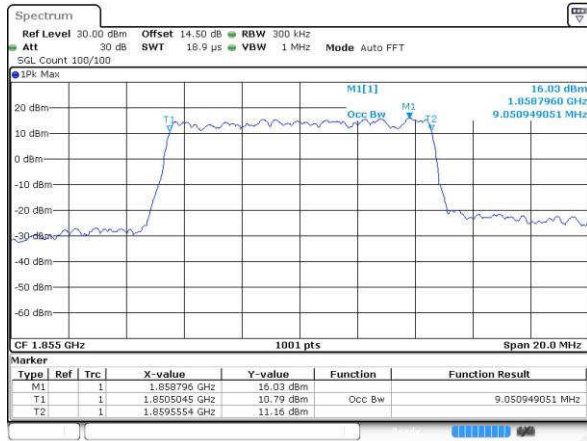
## Highest Channel / 5MHz / 16QAM





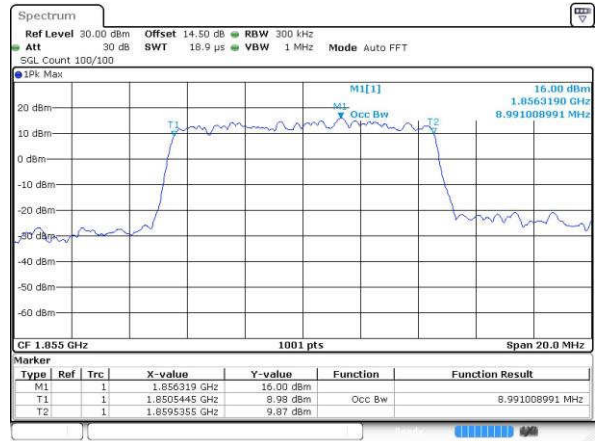
## LTE Band 2

## Lowest Channel / 10MHz / QPSK



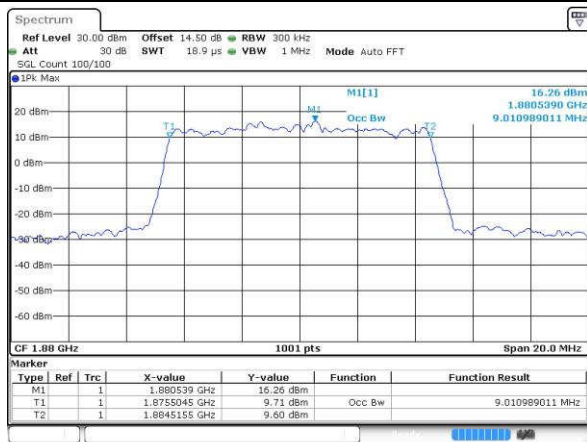
Date: 13 JUN 2017 21:03:25

## Lowest Channel / 10MHz / 16QAM



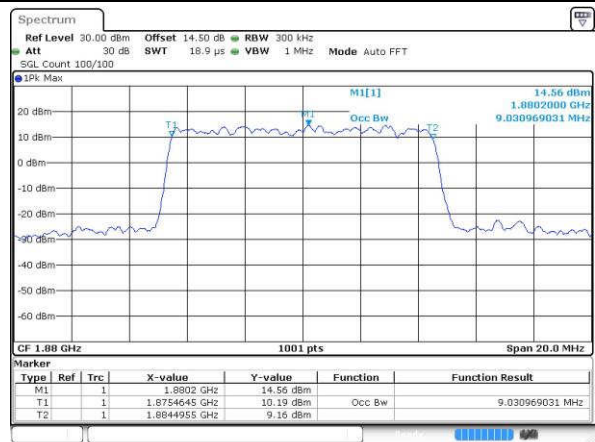
Date: 13 JUN 2017 21:03:36

## Middle Channel / 10MHz / QPSK



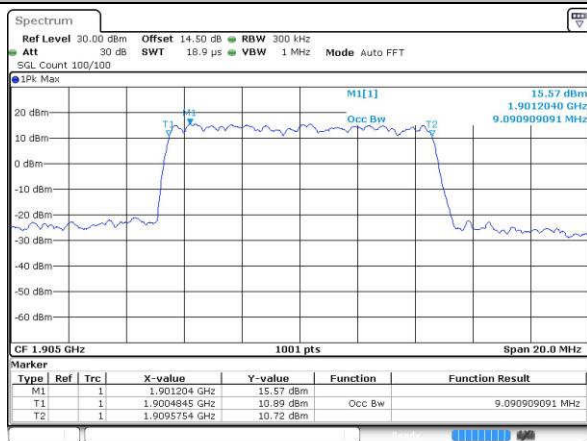
Date: 13 JUN 2017 21:10:27

## Middle Channel / 10MHz / 16QAM



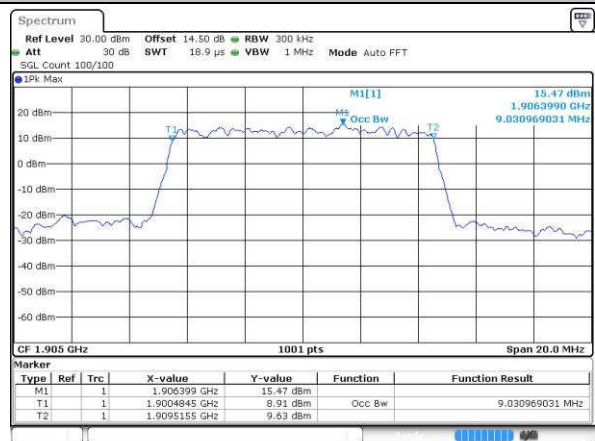
Date: 13 JUN 2017 21:10:37

## Highest Channel / 10MHz / QPSK



Date: 13 JUN 2017 21:12:55

## Highest Channel / 10MHz / 16QAM

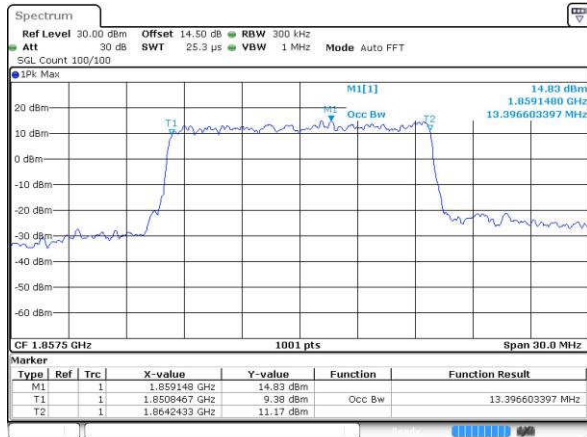


Date: 13 JUN 2017 21:13:06



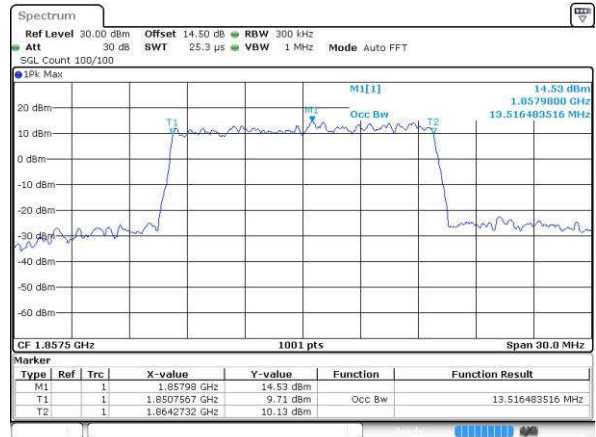
## LTE Band 2

## Lowest Channel / 15MHz / QPSK



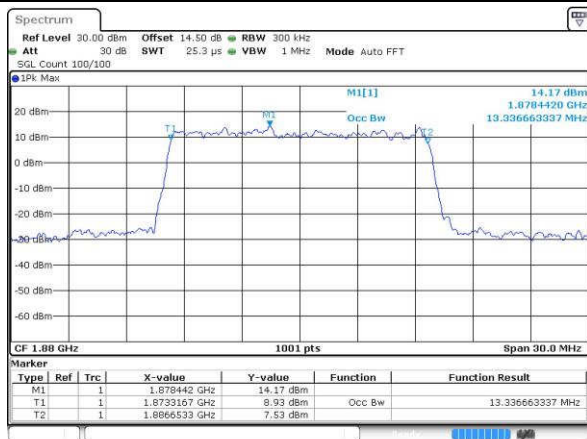
Date: 13 JUN 2017 21:19:57

## Lowest Channel / 15MHz / 16QAM



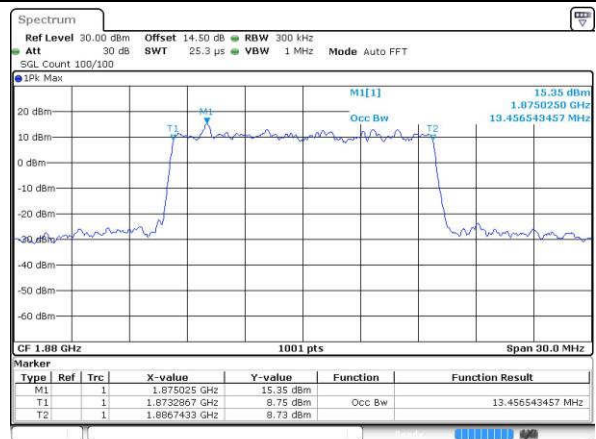
Date: 13 JUN 2017 21:20:07

## Middle Channel / 15MHz / QPSK



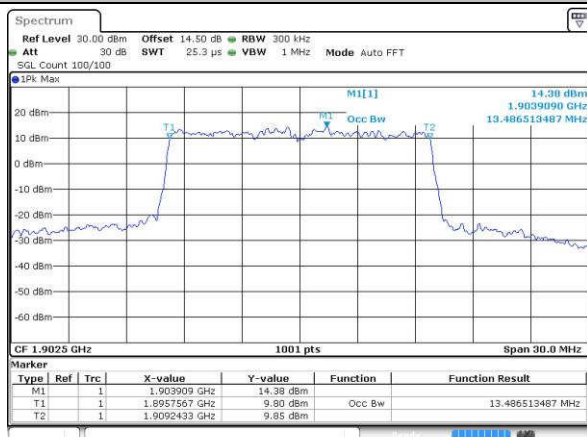
Date: 13 JUN 2017 21:26:58

## Middle Channel / 15MHz / 16QAM



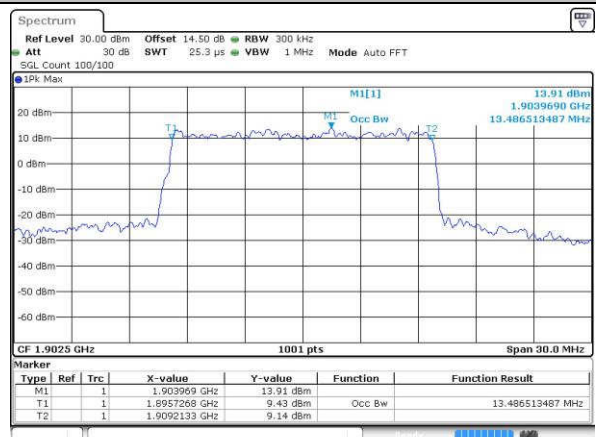
Date: 13 JUN 2017 21:27:09

## Highest Channel / 15MHz / QPSK



Date: 13 JUN 2017 21:29:27

## Highest Channel / 15MHz / 16QAM

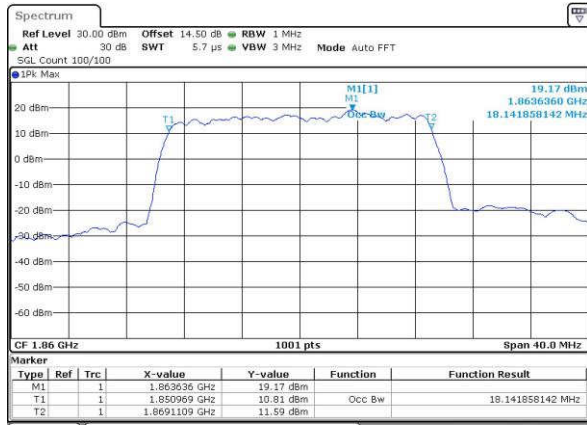


Date: 13 JUN 2017 21:29:37

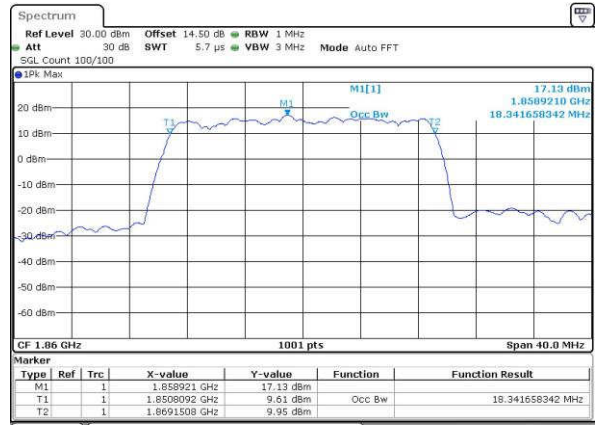


## LTE Band 2

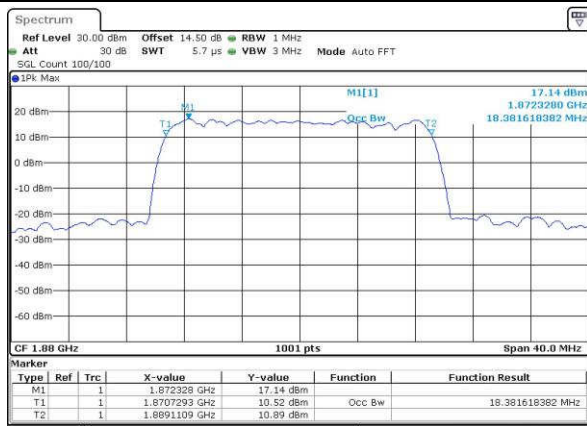
## Lowest Channel / 20MHz / QPSK



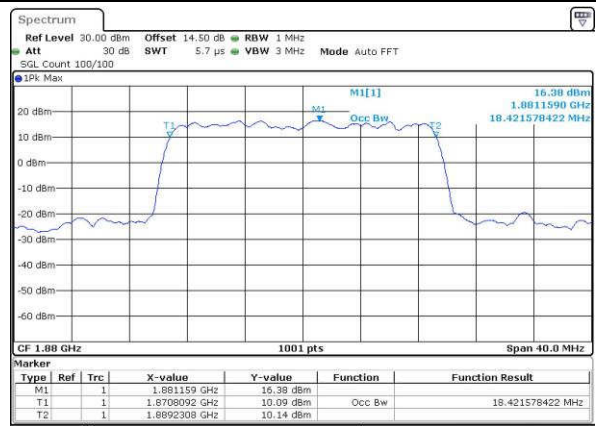
## Lowest Channel / 20MHz / 16QAM



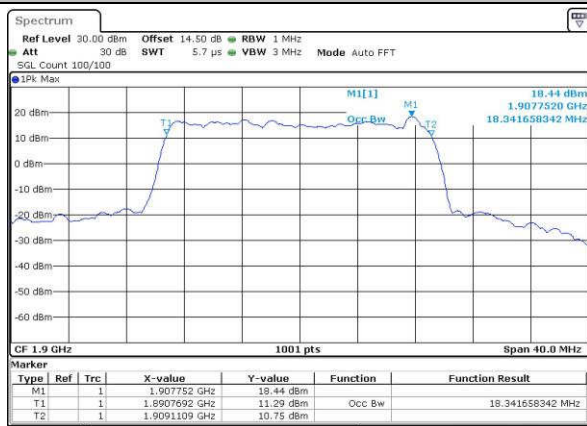
## Middle Channel / 20MHz / QPSK



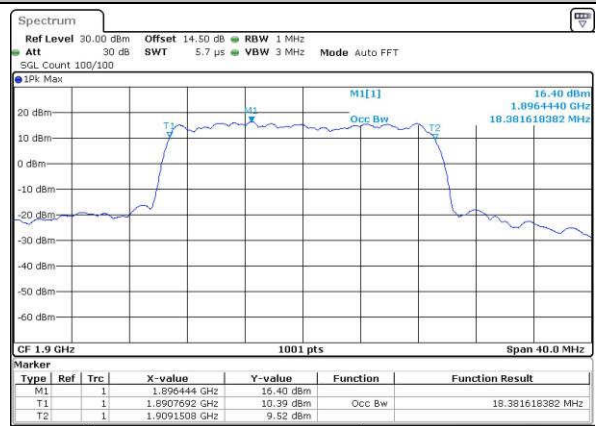
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



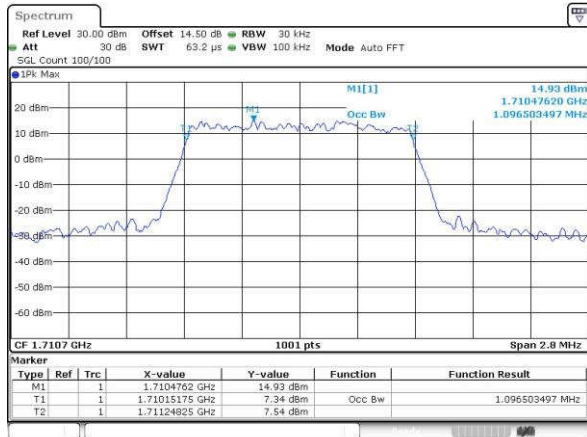
## Highest Channel / 20MHz / 16QAM



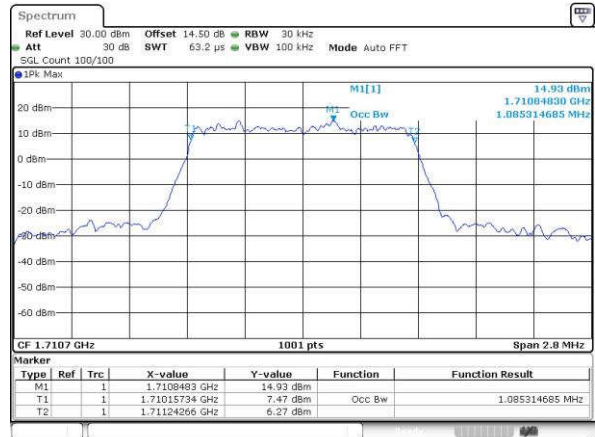


## LTE Band 4

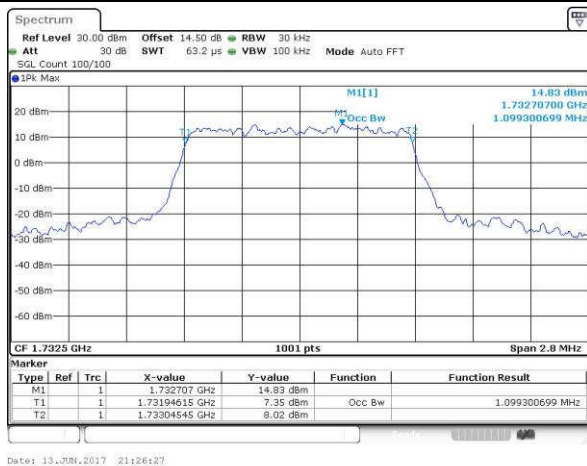
## Lowest Channel / 1.4MHz / QPSK



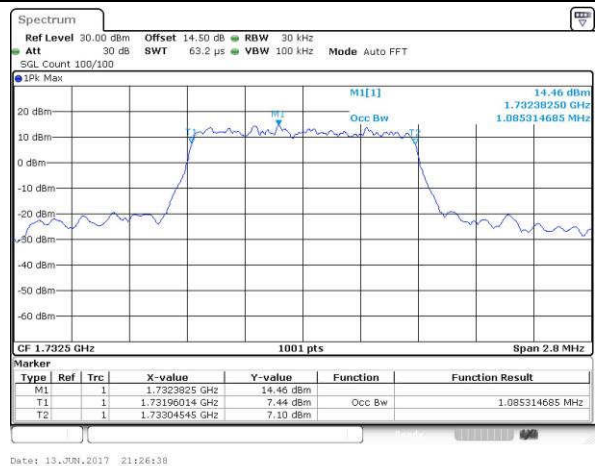
## Lowest Channel / 1.4MHz / 16QAM



## Middle Channel / 1.4MHz / QPSK



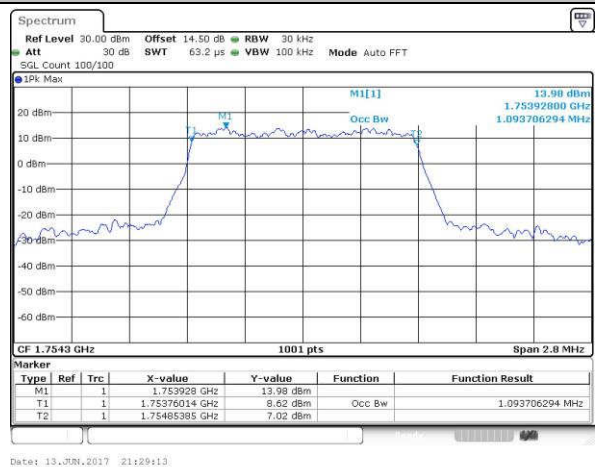
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



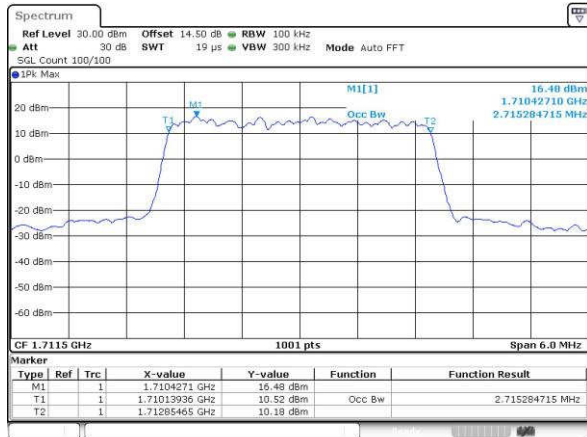
## Highest Channel / 1.4MHz / 16QAM



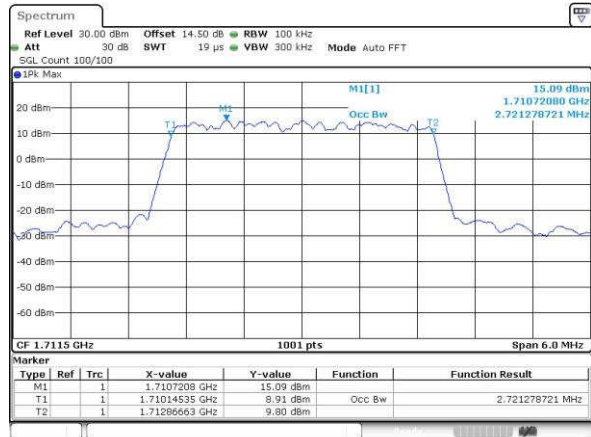


## LTE Band 4

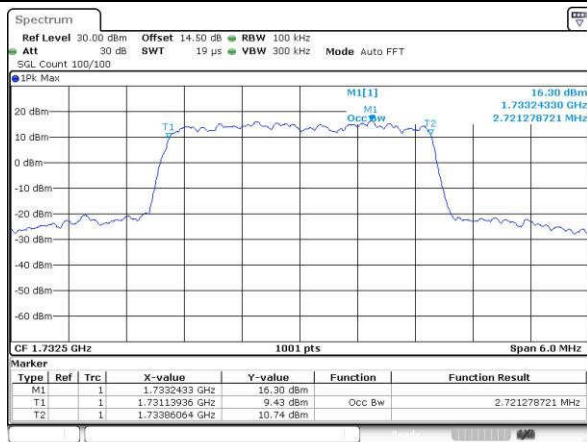
## Lowest Channel / 3MHz / QPSK



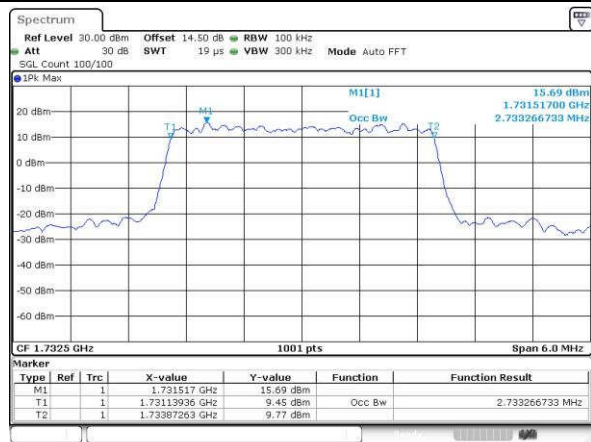
## Lowest Channel / 3MHz / 16QAM



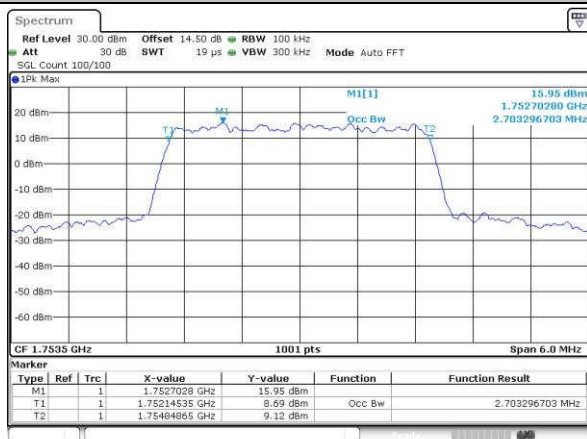
## Middle Channel / 3MHz / QPSK



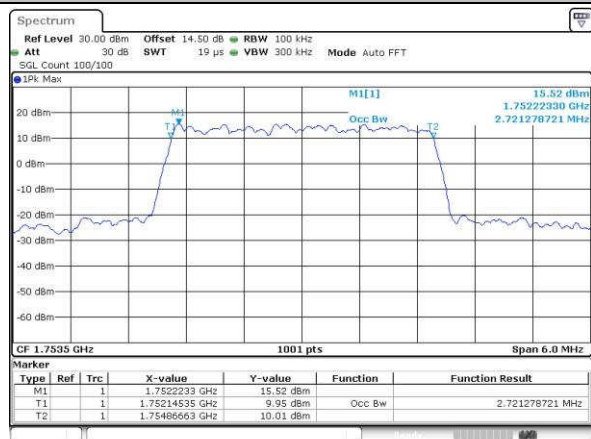
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



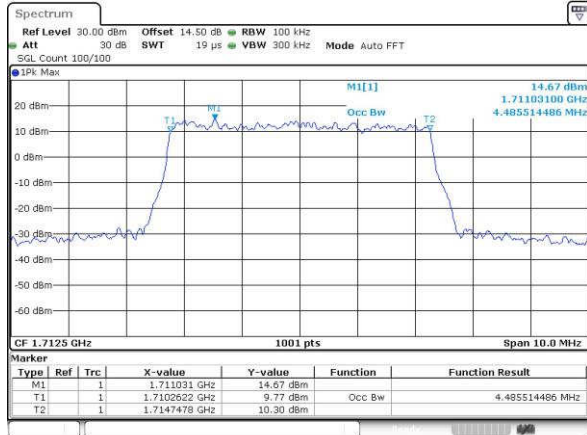
## Highest Channel / 3MHz / 16QAM



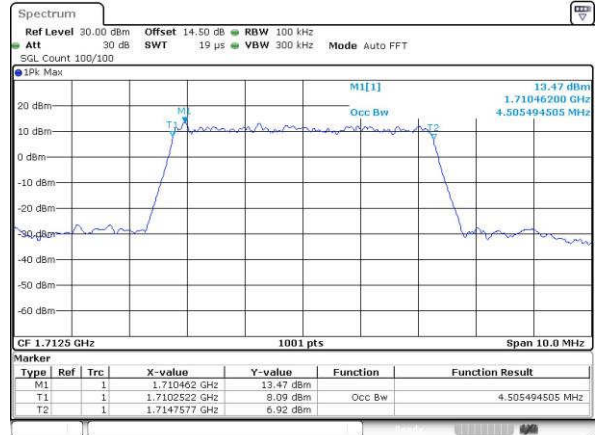


## LTE Band 4

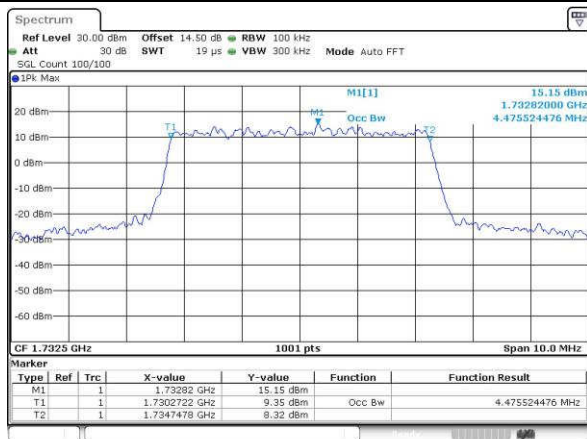
## Lowest Channel / 5MHz / QPSK



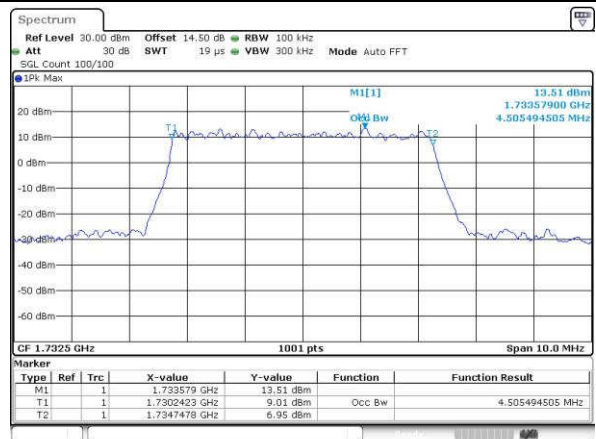
## Lowest Channel / 5MHz / 16QAM



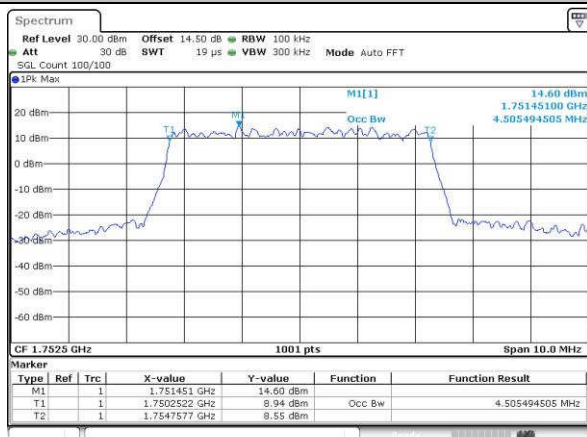
## Middle Channel / 5MHz / QPSK



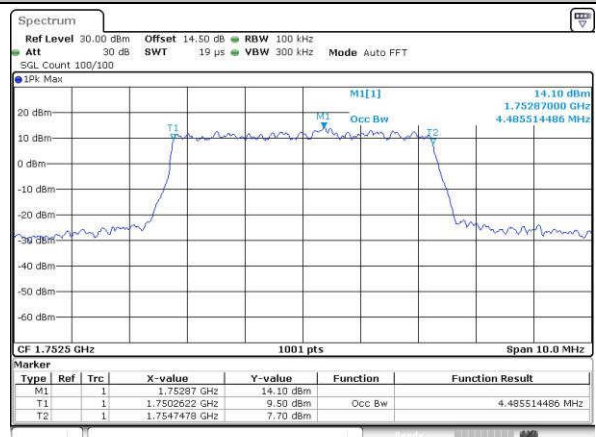
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



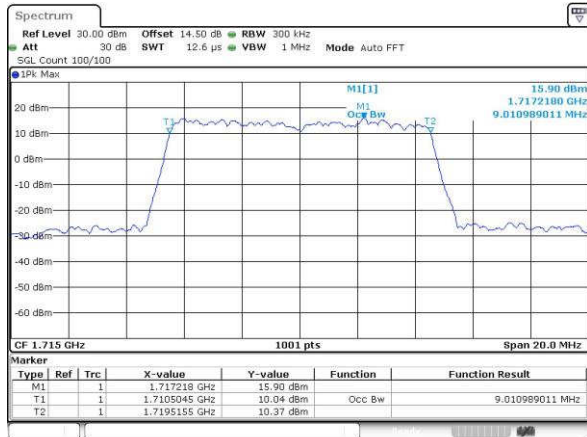
## Highest Channel / 5MHz / 16QAM



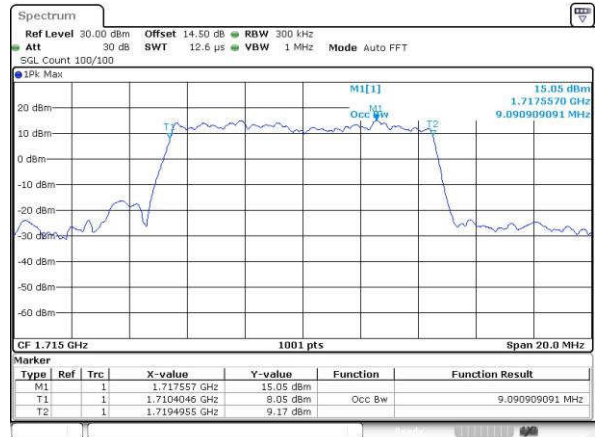


## LTE Band 4

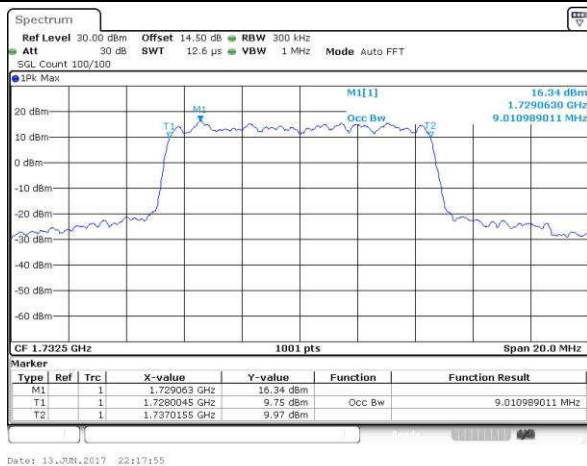
## Lowest Channel / 10MHz / QPSK



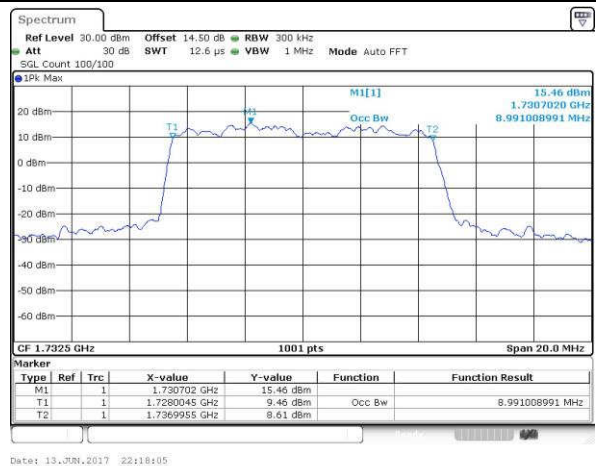
## Lowest Channel / 10MHz / 16QAM



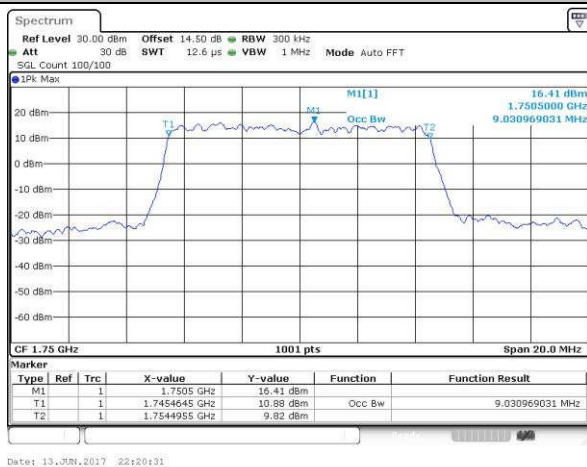
## Middle Channel / 10MHz / QPSK



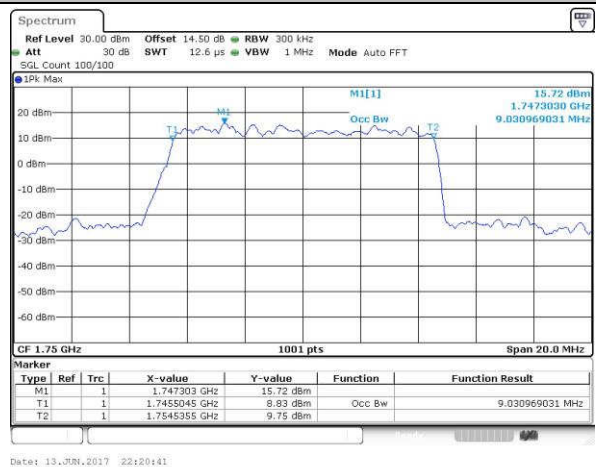
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



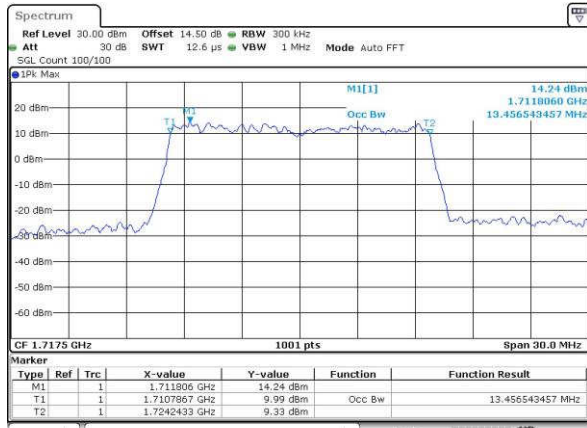
## Highest Channel / 10MHz / 16QAM





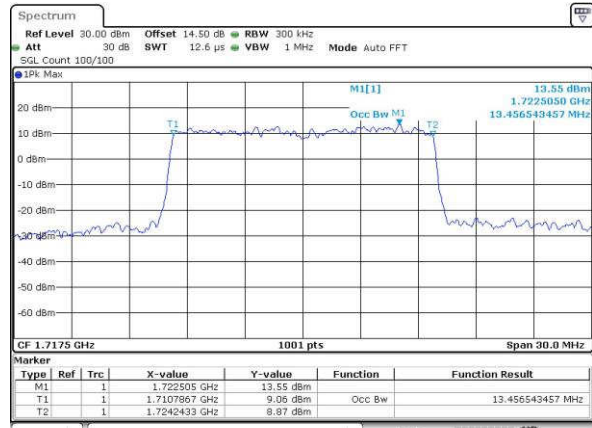
## LTE Band 4

## Lowest Channel / 15MHz / QPSK



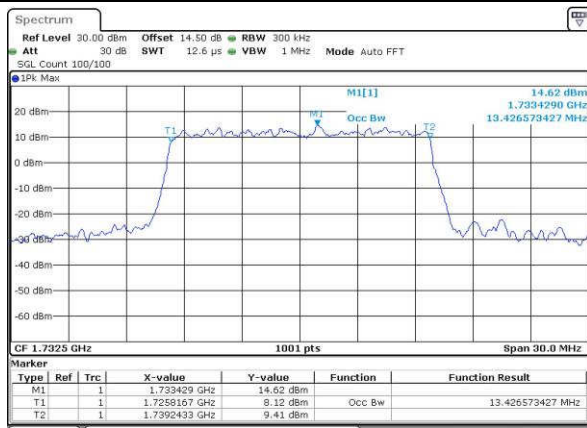
Date: 13 JUN 2017 22:27:40

## Lowest Channel / 15MHz / 16QAM



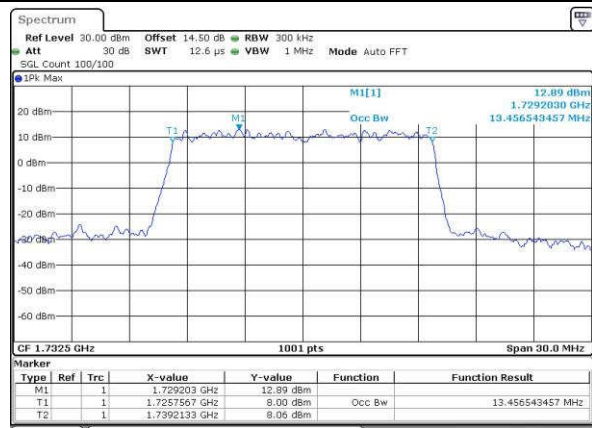
Date: 13 JUN 2017 22:27:58

## Middle Channel / 15MHz / QPSK



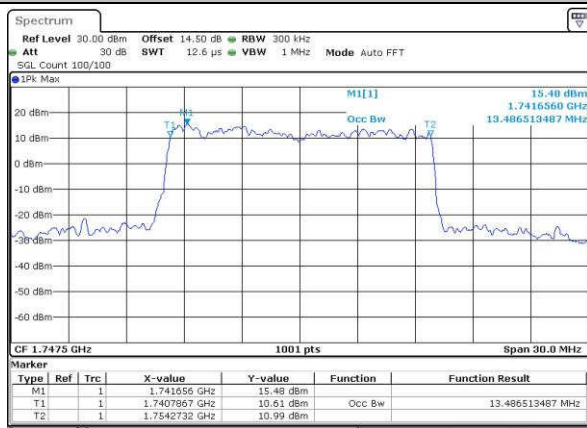
Date: 13 JUN 2017 22:35:04

## Middle Channel / 15MHz / 16QAM



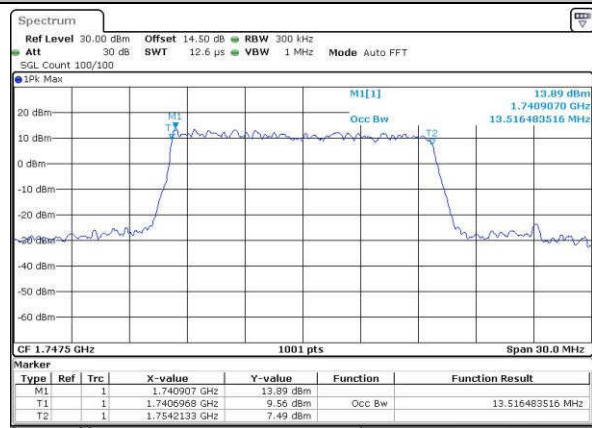
Date: 13 JUN 2017 22:35:15

## Highest Channel / 15MHz / QPSK



Date: 13 JUN 2017 22:37:41

## Highest Channel / 15MHz / 16QAM

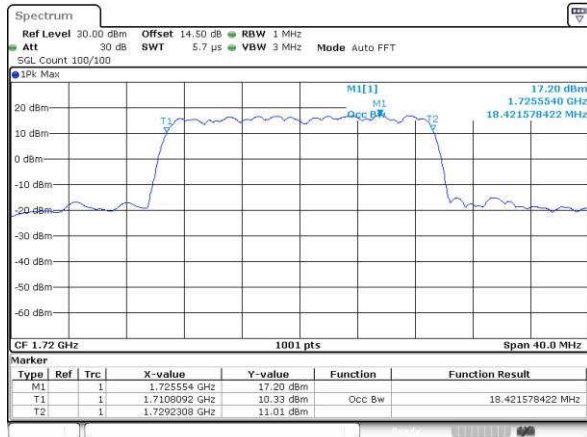


Date: 13 JUN 2017 22:37:52

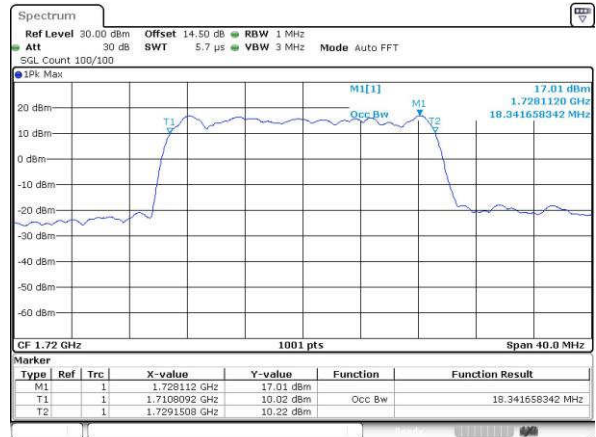


## LTE Band 4

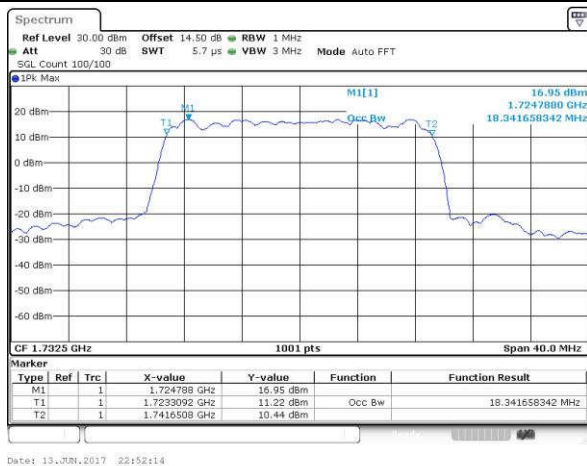
## Lowest Channel / 20MHz / QPSK



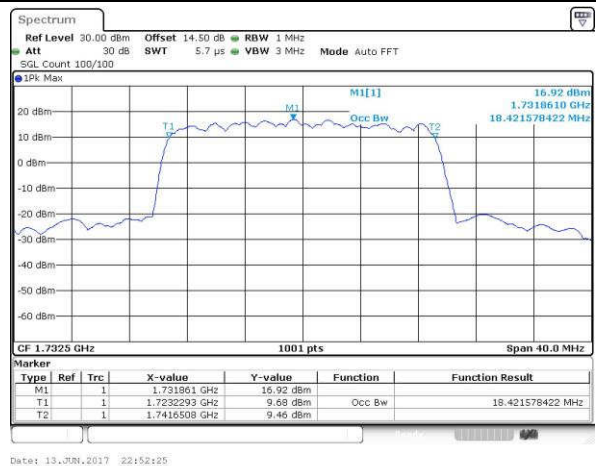
## Lowest Channel / 20MHz / 16QAM



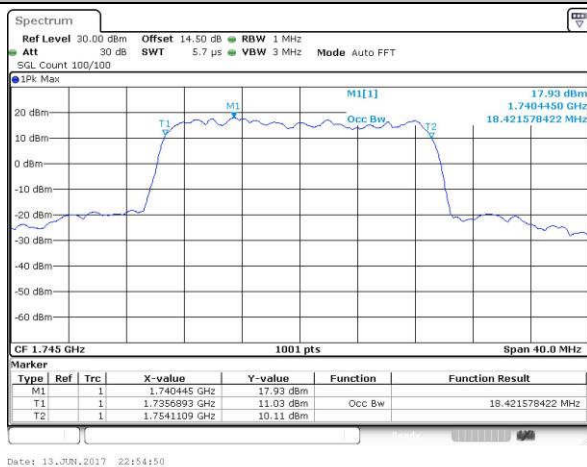
## Middle Channel / 20MHz / QPSK



## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM

