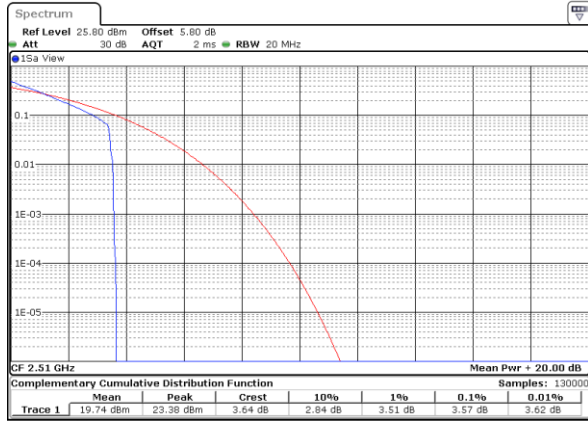


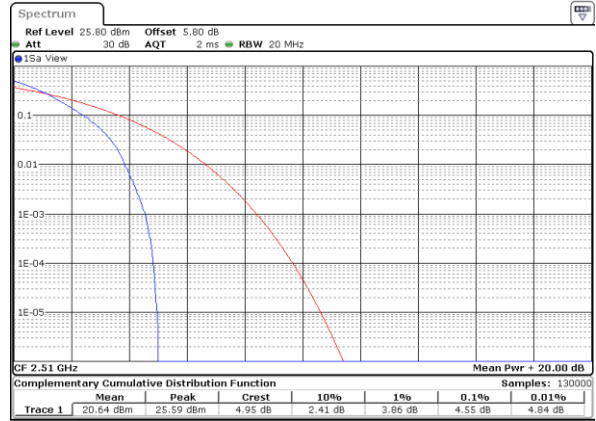


## LTE Band 7 / 20MHz / QPSK

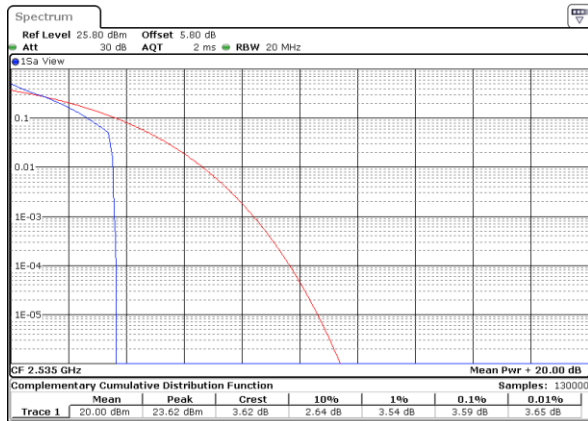
## Lowest Channel / 1RB



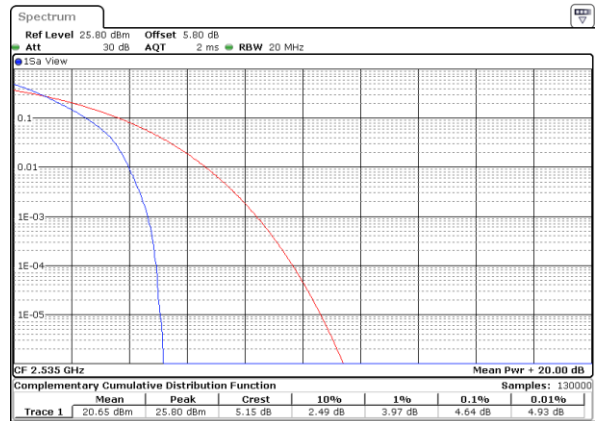
## Lowest Channel / Full RB



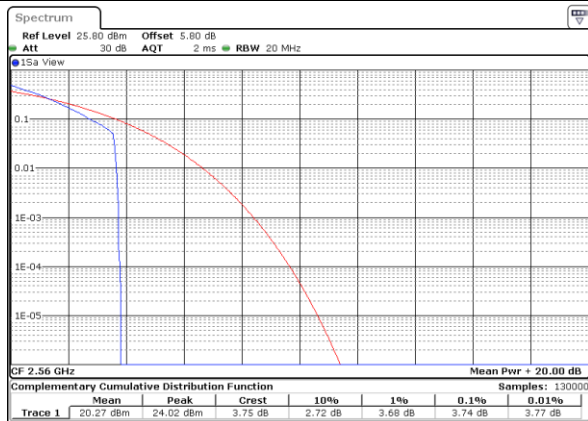
## Middle Channel / 1RB



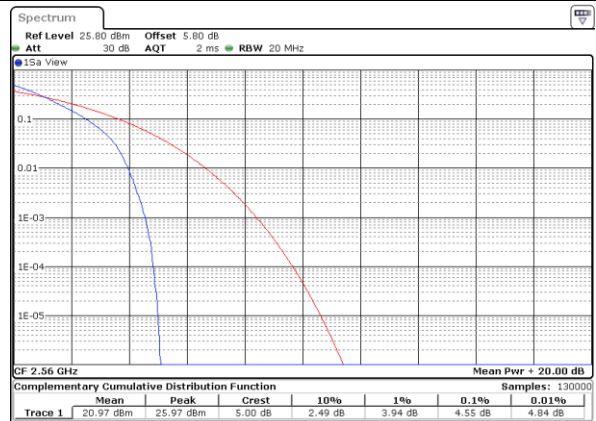
## Middle Channel / Full RB



## Highest Channel / 1RB



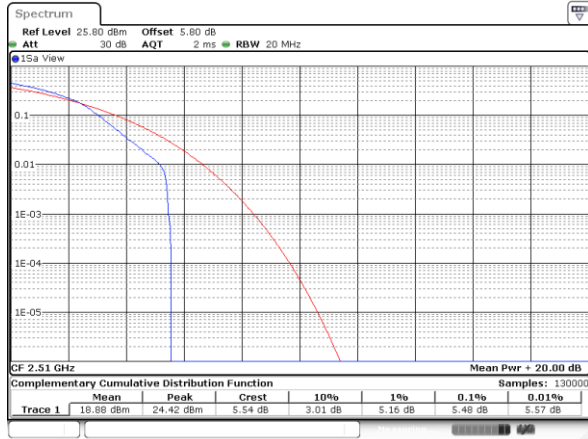
## Highest Channel / Full RB



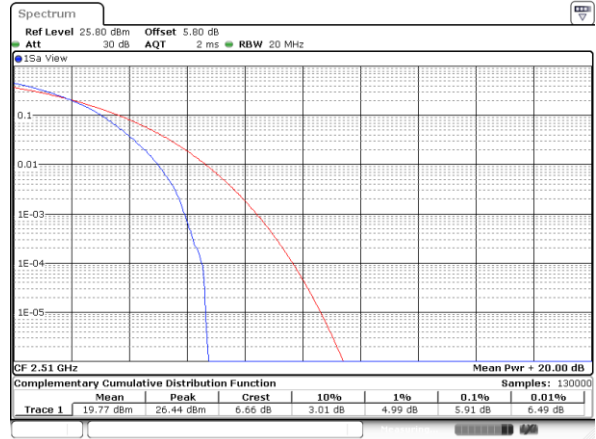


## LTE Band 7 / 20MHz / 16QAM

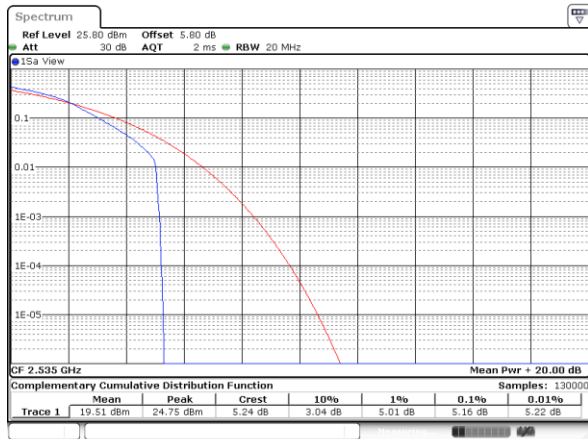
## Lowest Channel / 1RB



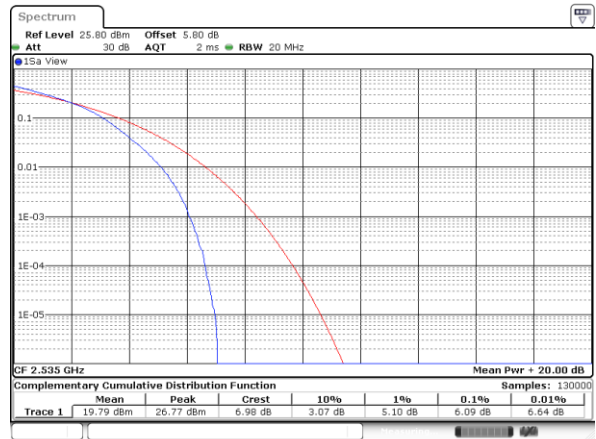
## Lowest Channel / Full RB



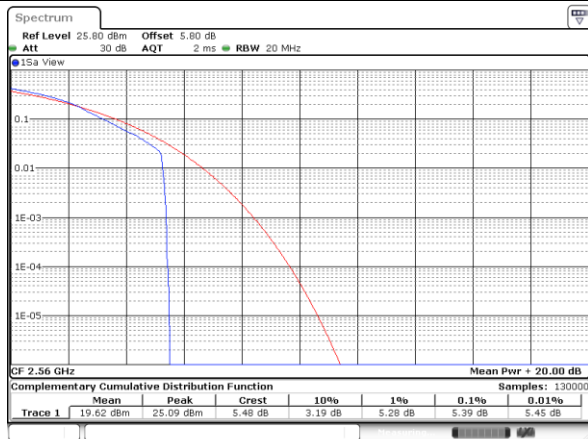
## Middle Channel / 1RB



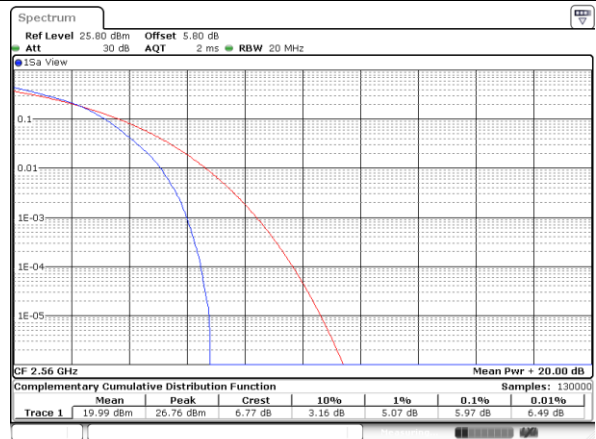
## Middle Channel / Full RB

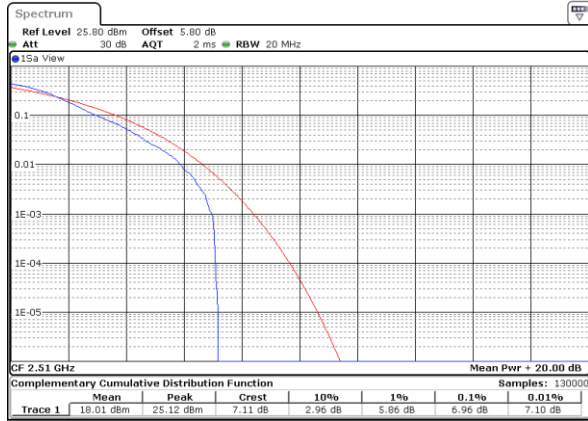


## Highest Channel / 1RB

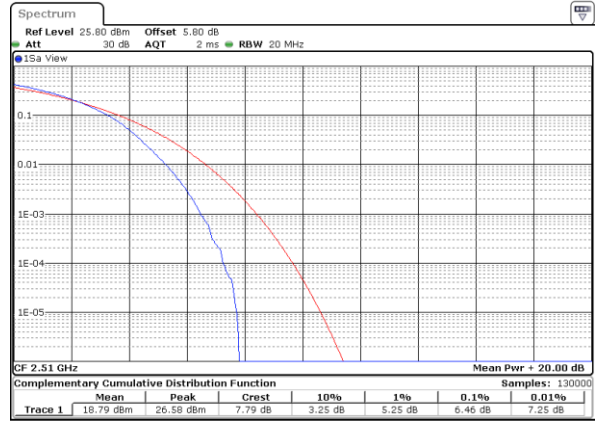


## Highest Channel / Full RB

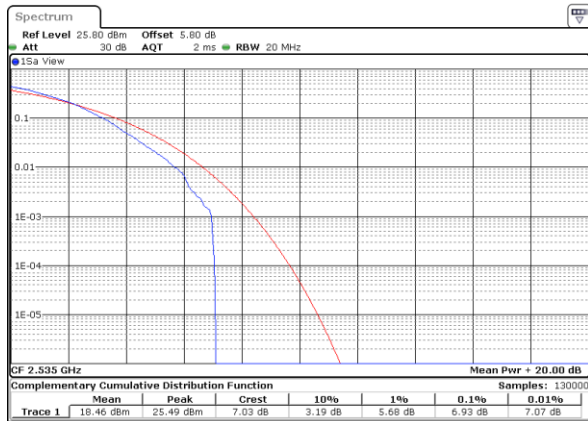


**LTE Band 7 / 20MHz / 64QAM**
**Lowest Channel / 1RB**


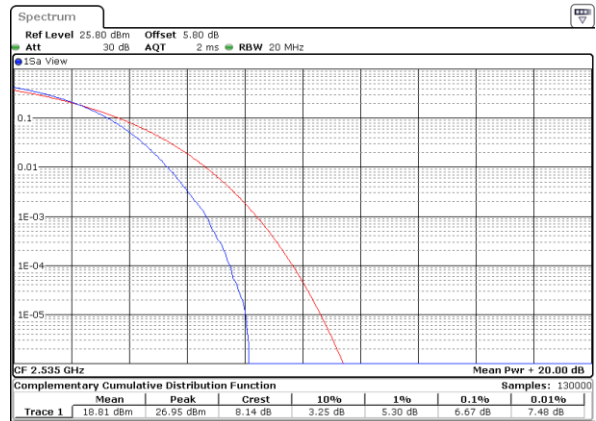
Date: 1 NOV 2019 11:17:43

**Lowest Channel / Full RB**


Date: 1 NOV 2019 11:17:53

**Middle Channel / 1RB**


Date: 1 NOV 2019 11:18:11

**Middle Channel / Full RB**


Date: 1 NOV 2019 11:18:02

**Highest Channel / 1RB**


Date: 1 NOV 2019 11:18:21

**Highest Channel / Full RB**


Date: 1 NOV 2019 11:18:31

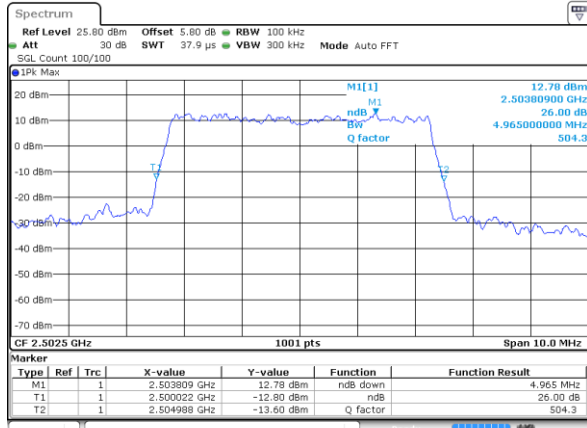
**26dB Bandwidth**

| 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  |                           |       |       |       | 4.965 | 4.875 | 9.670 | 9.690 | 14.266 | 14.446 | 20.22 | 20.1  |
| Middle CH  |                           |       |       |       | 4.905 | 4.935 | 9.690 | 9.670 | 14.535 | 14.356 | 20.26 | 20.18 |
| Highest CH |                           |       |       |       | 4.905 | 4.865 | 9.850 | 9.850 | 14.416 | 14.446 | 20.22 | 20.22 |
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz  |        | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM  |        | 64QAM |       |
| Lowest CH  |                           |       |       |       | 4.915 |       | 9.870 |       | 14.446 |        | 20.26 |       |
| Middle CH  |                           |       |       |       | 4.845 |       | 9.830 |       | 14.326 |        | 20.06 |       |
| Highest CH |                           |       |       |       | 4.875 |       | 9.810 |       | 14.296 |        | 20.18 |       |



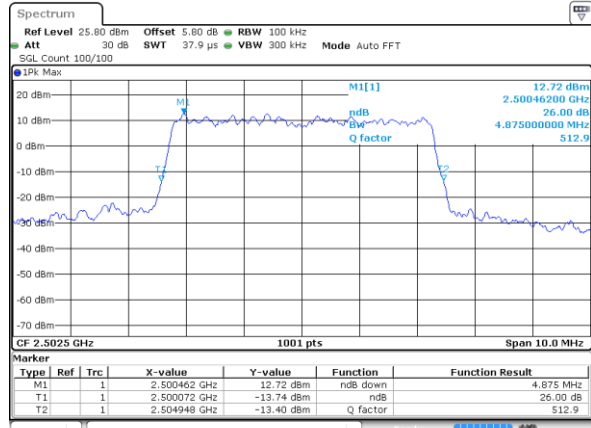
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



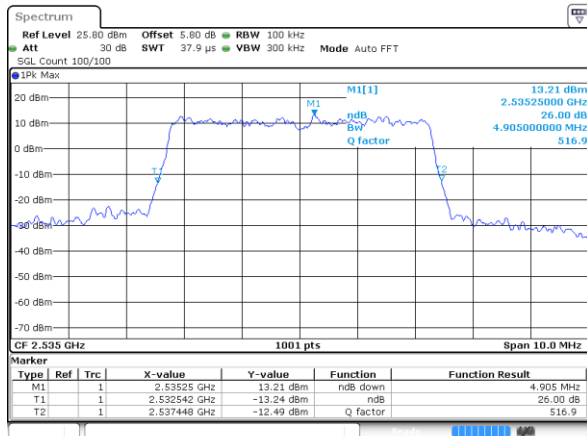
Date: 24.OCT.2019 22:24:17

## Lowest Channel / 5MHz / 16QAM



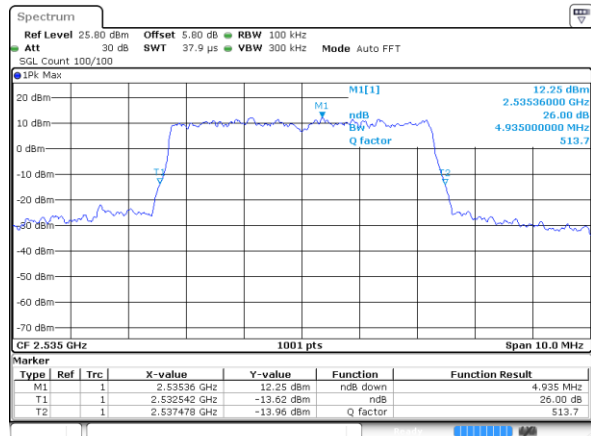
Date: 24.OCT.2019 22:24:37

## Middle Channel / 5MHz / QPSK



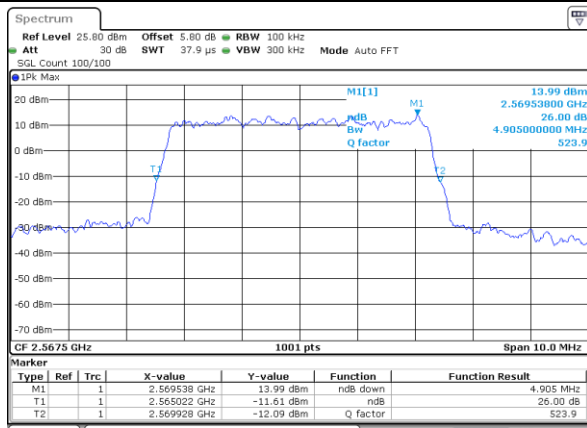
Date: 24.OCT.2019 22:25:16

## Middle Channel / 5MHz / 16QAM



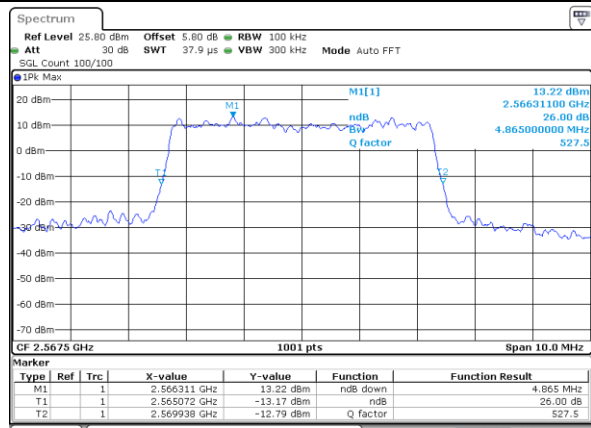
Date: 24.OCT.2019 22:24:56

## Highest Channel / 5MHz / QPSK



Date: 24.OCT.2019 22:25:36

## Highest Channel / 5MHz / 16QAM

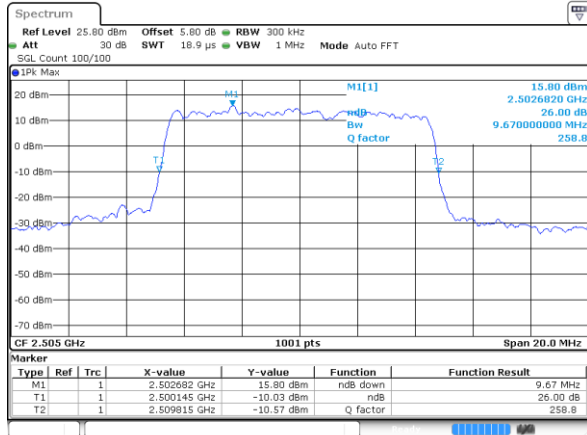


Date: 24.OCT.2019 22:25:56



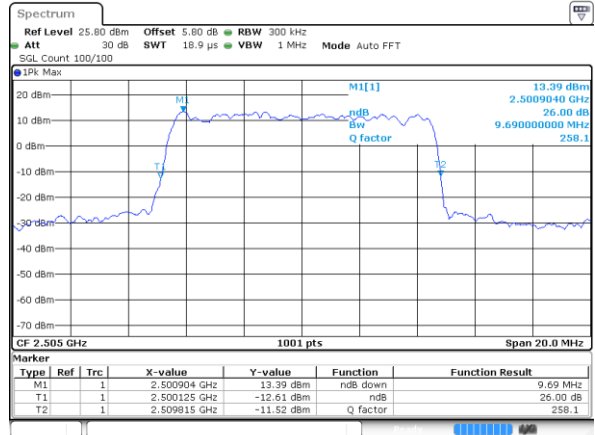
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



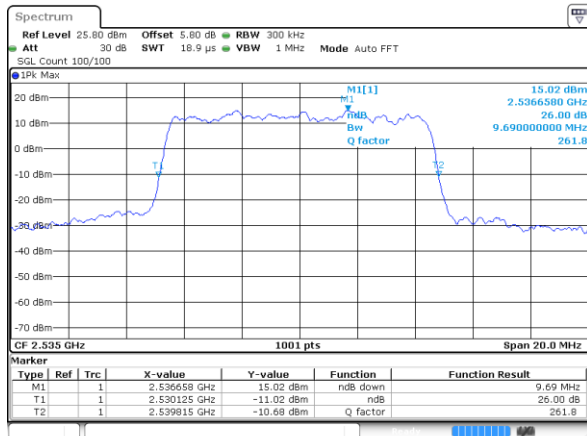
Date: 24.OCT.2019 22:40:48

## Lowest Channel / 10MHz / 16QAM



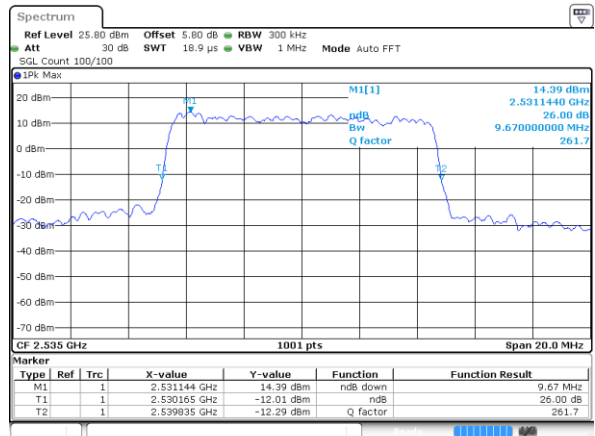
Date: 24.OCT.2019 22:41:08

## Middle Channel / 10MHz / QPSK



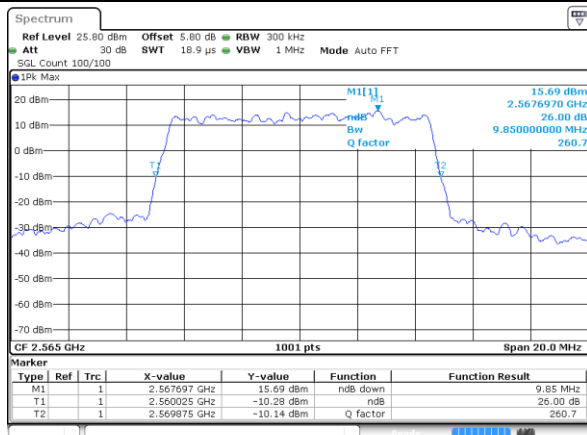
Date: 24.OCT.2019 22:41:47

## Middle Channel / 10MHz / 16QAM



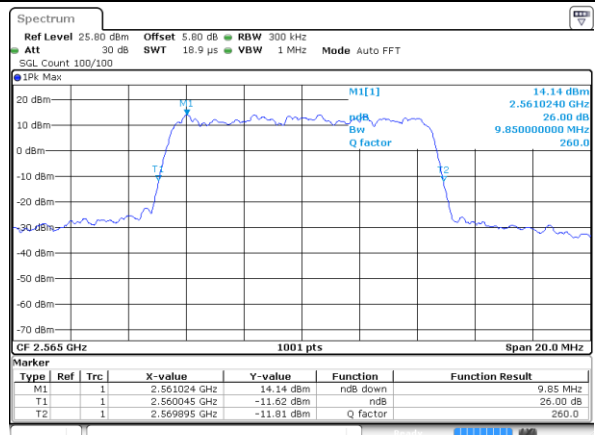
Date: 24.OCT.2019 22:41:27

## Highest Channel / 10MHz / QPSK



Date: 24.OCT.2019 22:42:07

## Highest Channel / 10MHz / 16QAM

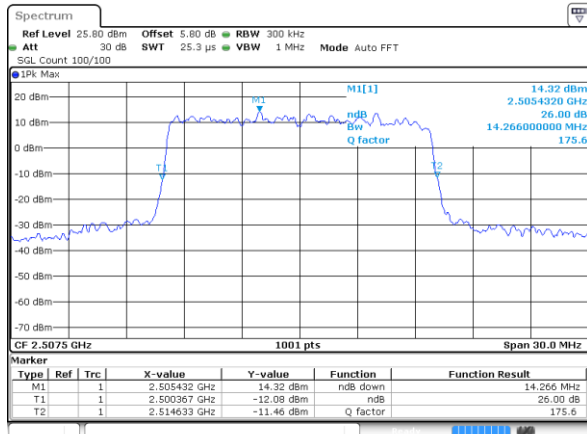


Date: 24.OCT.2019 22:42:27



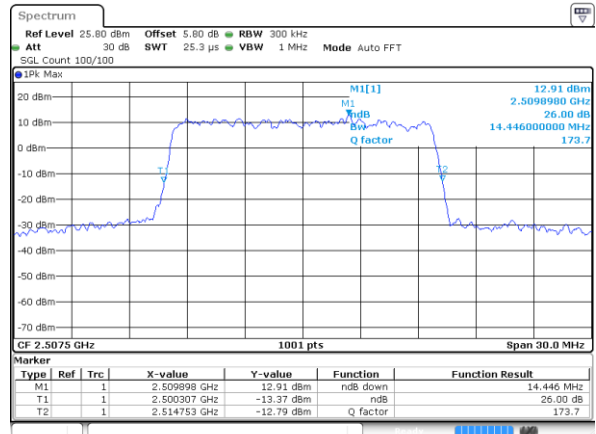
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



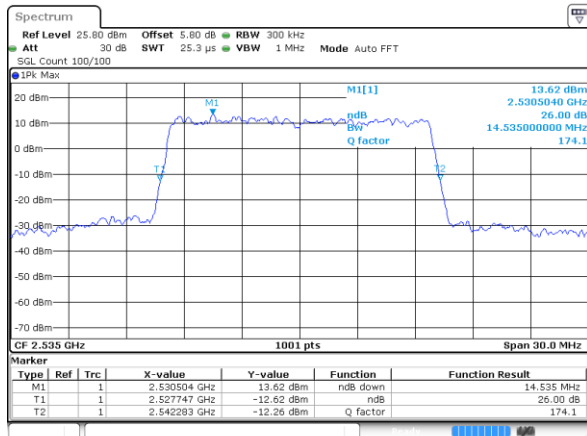
Date: 24.OCT.2019 22:57:37

## Lowest Channel / 15MHz / 16QAM



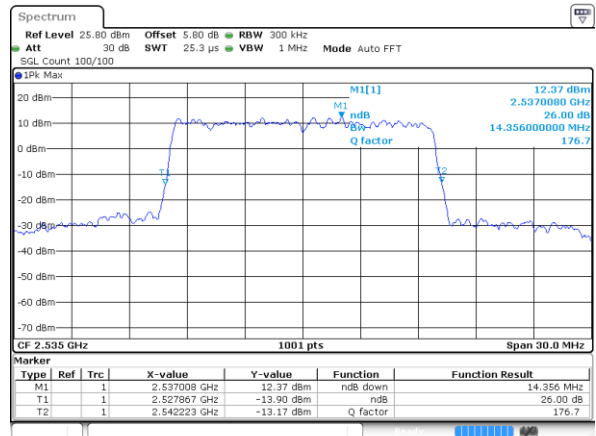
Date: 24.OCT.2019 22:57:17

## Middle Channel / 15MHz / QPSK



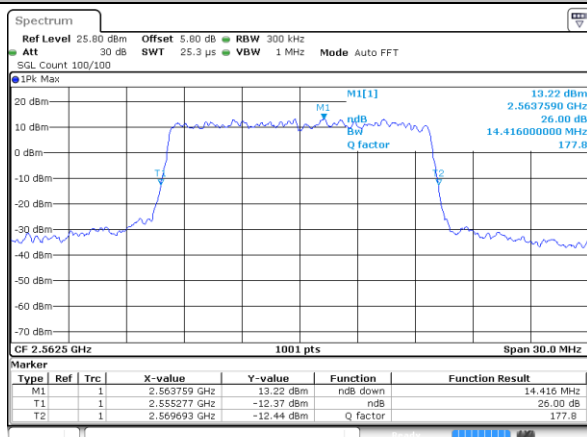
Date: 24.OCT.2019 22:57:57

## Middle Channel / 15MHz / 16QAM



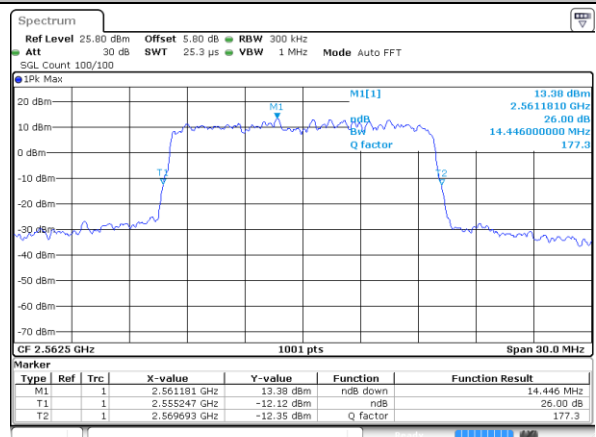
Date: 24.OCT.2019 22:58:17

## Highest Channel / 15MHz / QPSK



Date: 24.OCT.2019 22:58:56

## Highest Channel / 15MHz / 16QAM

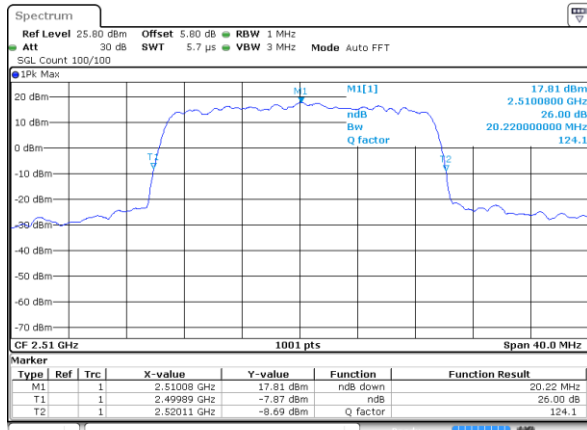


Date: 24.OCT.2019 22:58:36

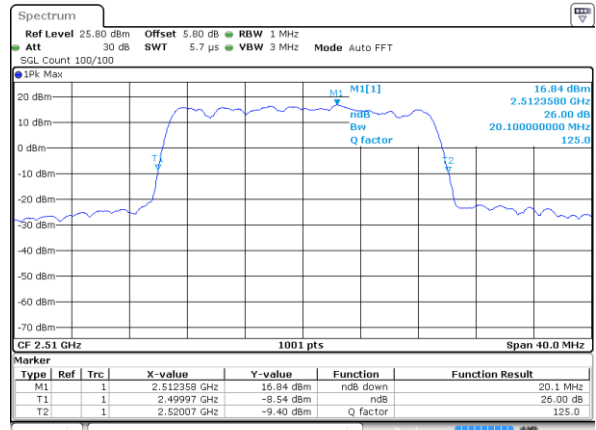


## LTE Band 7

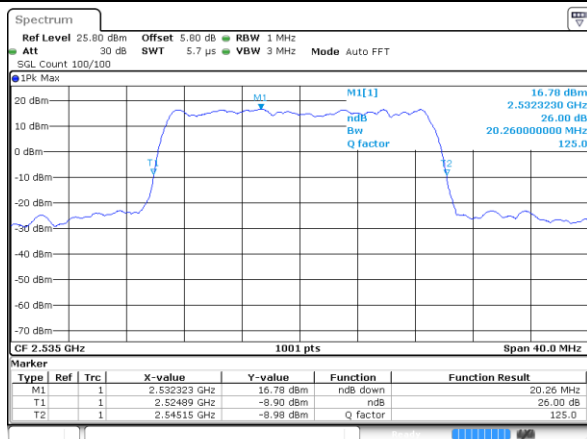
## Lowest Channel / 20MHz / QPSK



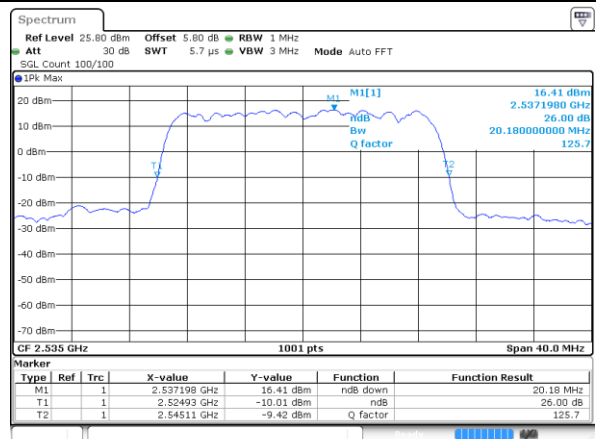
## Lowest Channel / 20MHz / 16QAM



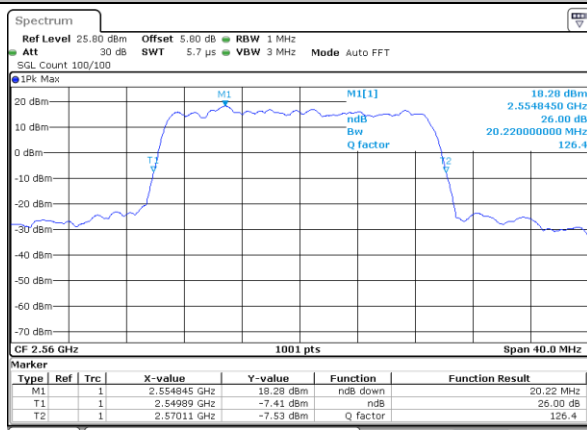
## Middle Channel / 20MHz / QPSK



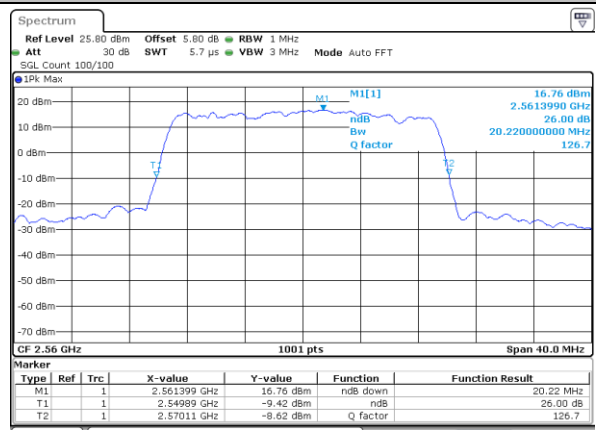
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



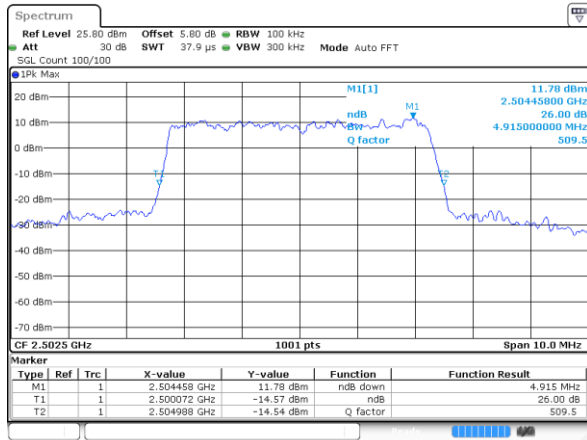
## Highest Channel / 20MHz / 16QAM





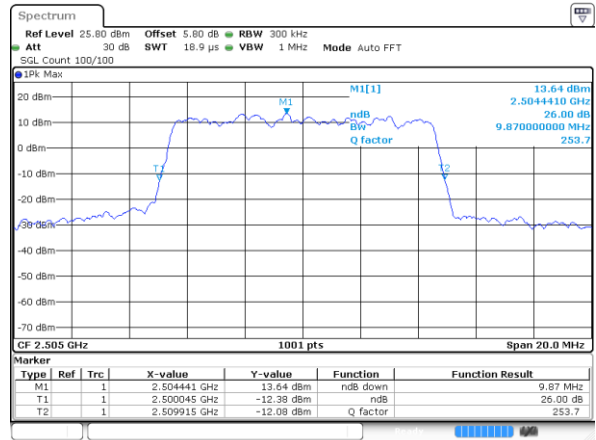
## LTE Band 7

## Lowest Channel / 5MHz / 64QAM



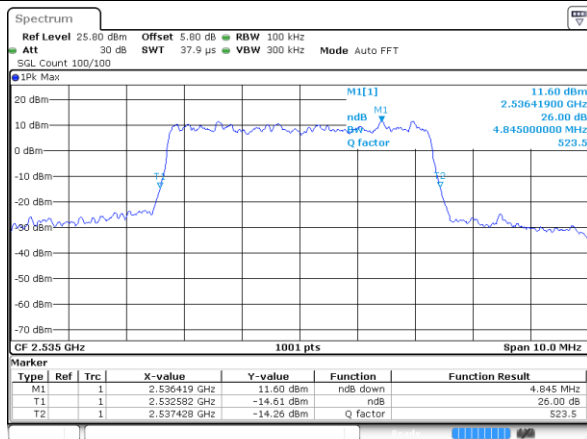
Date: 24.OCT.2019 23:30:38

## Lowest Channel / 10MHz / 64QAM



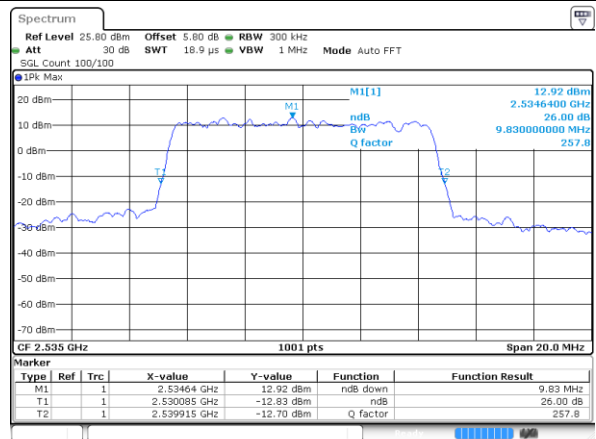
Date: 24.OCT.2019 23:38:53

## Middle Channel / 5MHz / 64QAM



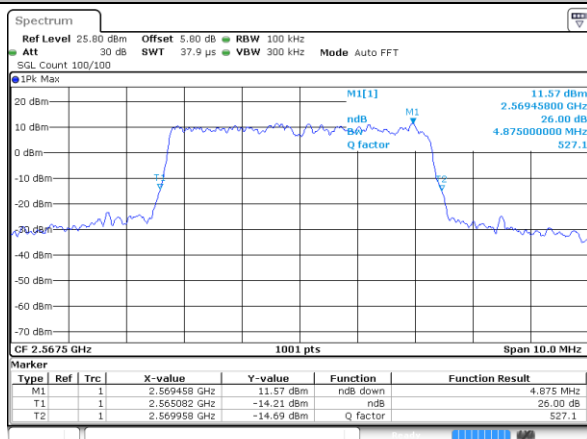
Date: 24.OCT.2019 23:30:48

## Middle Channel / 10MHz / 64QAM



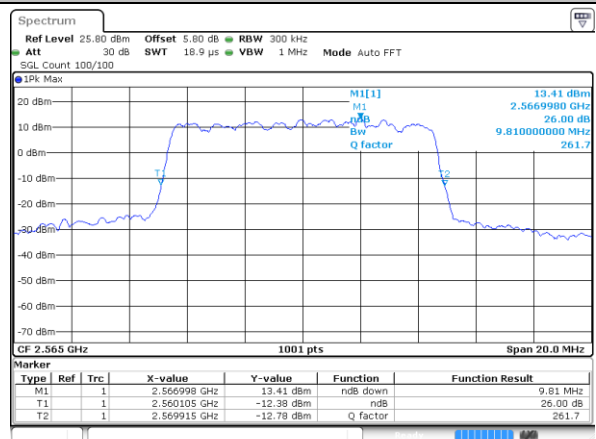
Date: 24.OCT.2019 23:39:03

## Highest Channel / 5MHz / 64QAM



Date: 24.OCT.2019 23:30:58

## Highest Channel / 10MHz / 64QAM

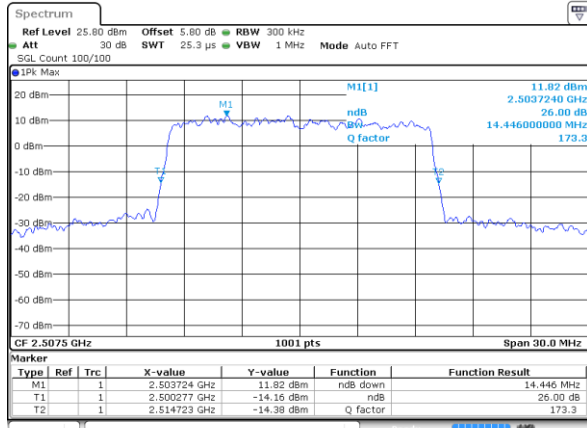


Date: 24.OCT.2019 23:39:13



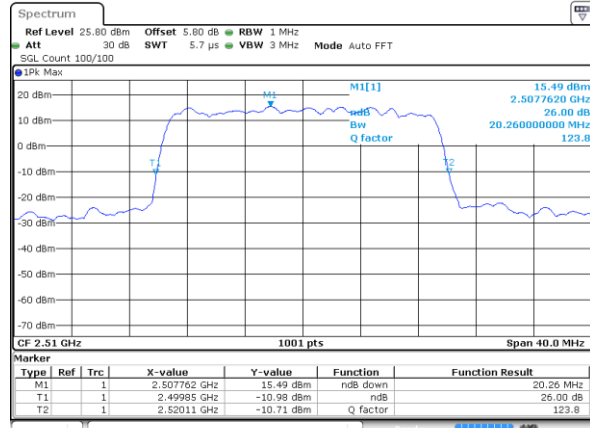
## LTE Band 7

## Lowest Channel / 15MHz / 64QAM



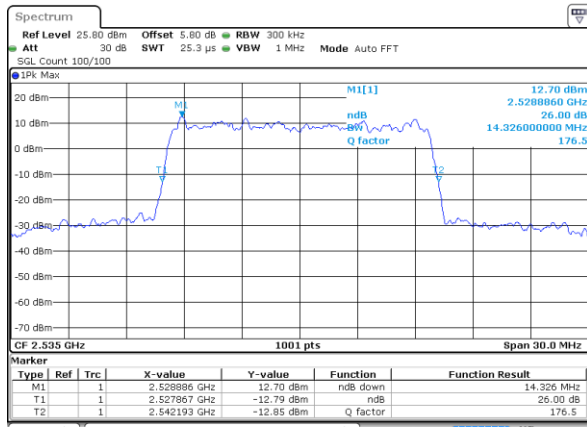
Date: 24.OCT.2019 23:47:08

## Lowest Channel / 20MHz / 64QAM



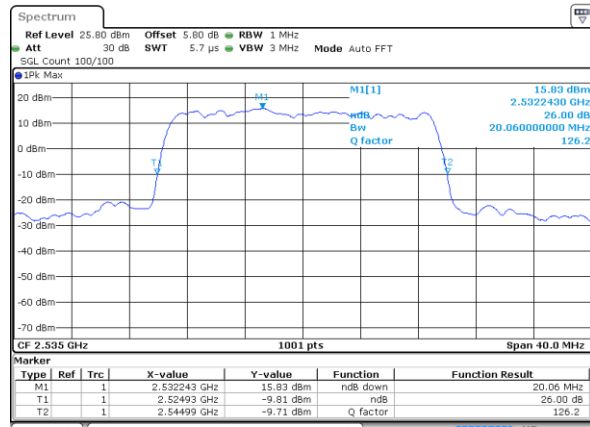
Date: 1.NOV.2019 11:09:57

## Middle Channel / 15MHz / 64QAM



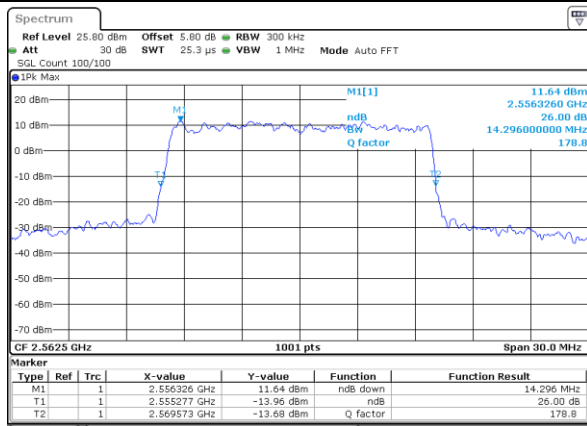
Date: 24.OCT.2019 23:47:18

## Middle Channel / 20MHz / 64QAM



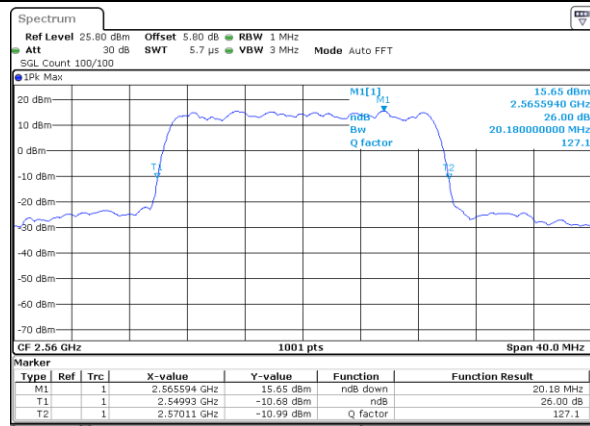
Date: 1.NOV.2019 11:10:07

## Highest Channel / 15MHz / 64QAM



Date: 24.OCT.2019 23:47:28

## Highest Channel / 20MHz / 64QAM



Date: 1.NOV.2019 11:10:17

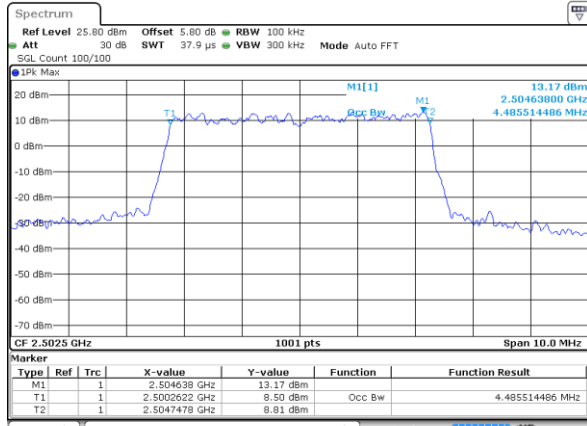
**Occupied Bandwidth**

| 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  |                          |       |       |       | 4.49  | 4.50  | 9.03  | 9.03  | 13.43 | 13.40 | 18.26 | 18.34 |
| Middle CH  |                          |       |       |       | 4.48  | 4.49  | 8.95  | 9.03  | 13.40 | 13.52 | 18.46 | 18.42 |
| Highest CH |                          |       |       |       | 4.49  | 4.50  | 9.01  | 9.01  | 13.46 | 13.49 | 18.38 | 18.30 |
| BW         | 1.4MHz                   |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                    |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  |                          |       |       |       | 4.51  |       | 9.07  |       | 13.46 |       | 18.22 |       |
| Middle CH  |                          |       |       |       | 4.50  |       | 8.97  |       | 13.43 |       | 18.30 |       |
| Highest CH |                          |       |       |       | 4.49  |       | 9.05  |       | 13.43 |       | 18.26 |       |



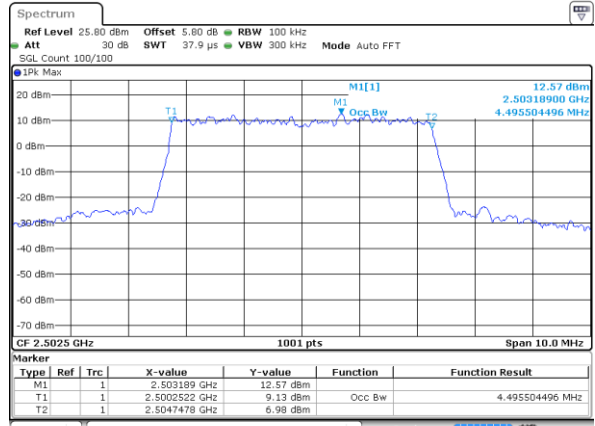
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



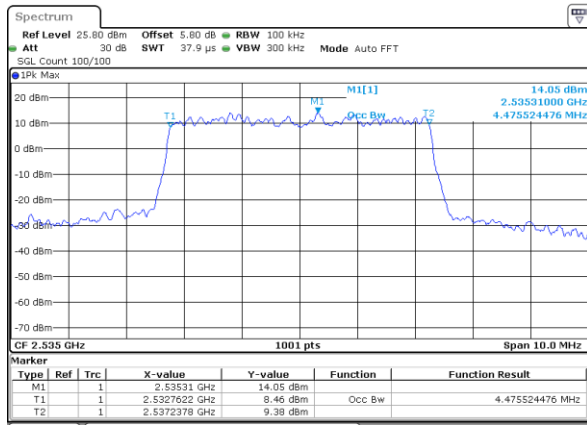
Date: 24.OCT.2019 22:24:07

## Lowest Channel / 5MHz / 16QAM



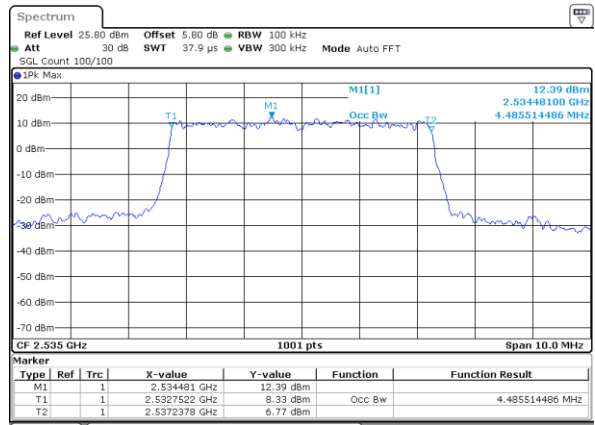
Date: 24.OCT.2019 22:24:27

## Middle Channel / 5MHz / QPSK



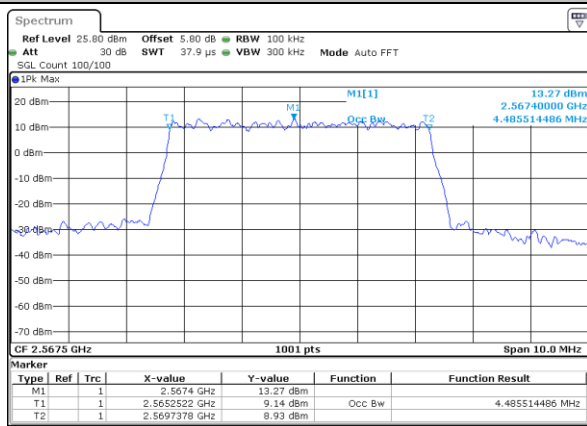
Date: 24.OCT.2019 22:25:06

## Middle Channel / 5MHz / 16QAM



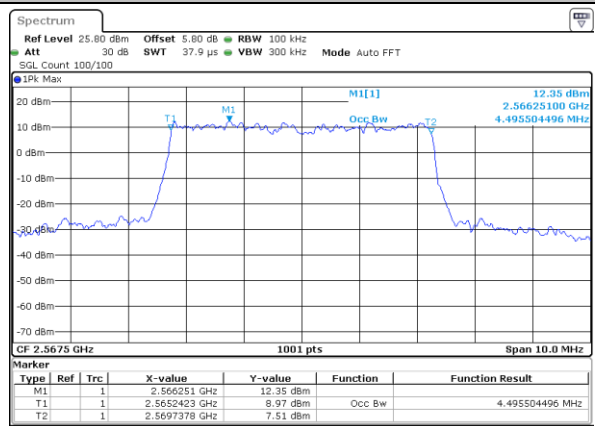
Date: 24.OCT.2019 22:24:47

## Highest Channel / 5MHz / QPSK



Date: 24.OCT.2019 22:25:26

## Highest Channel / 5MHz / 16QAM

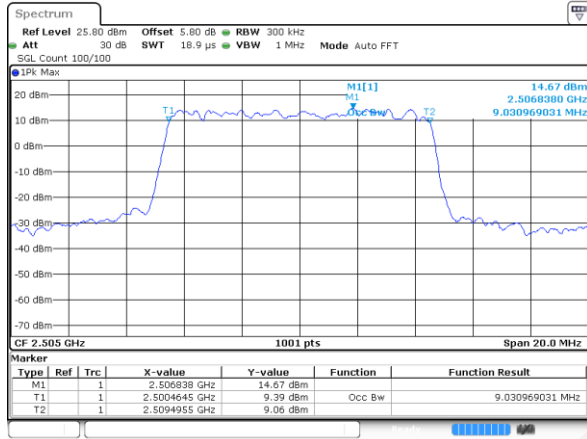


Date: 24.OCT.2019 22:25:46



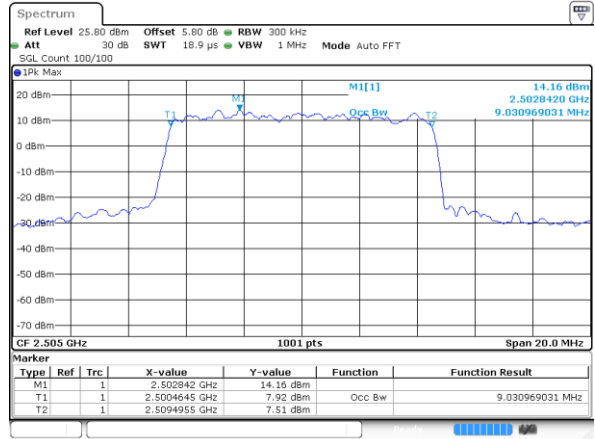
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



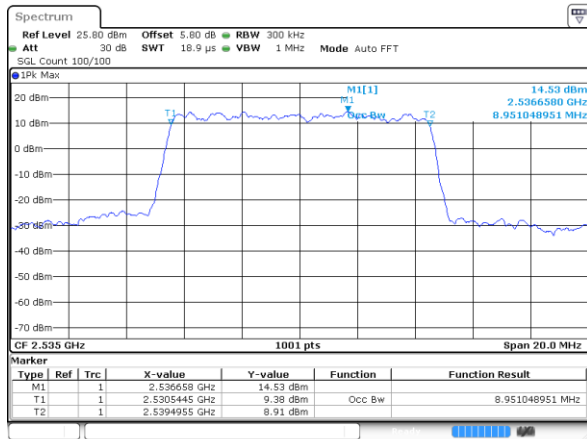
Date: 24.OCT.2019 22:40:38

## Lowest Channel / 10MHz / 16QAM



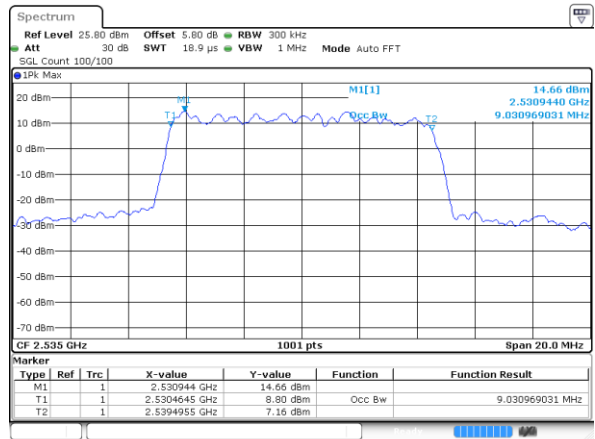
Date: 24.OCT.2019 22:40:58

## Middle Channel / 10MHz / QPSK



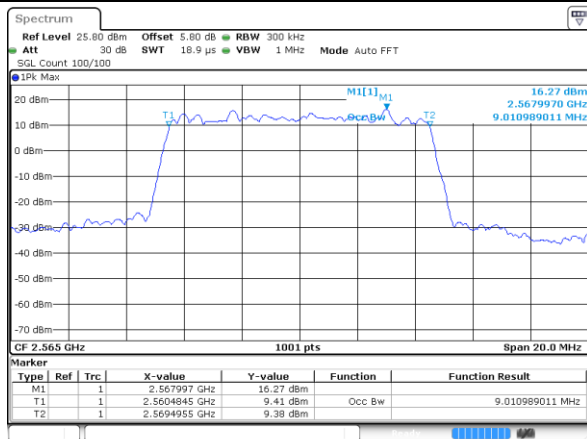
Date: 24.OCT.2019 22:41:38

## Middle Channel / 10MHz / 16QAM



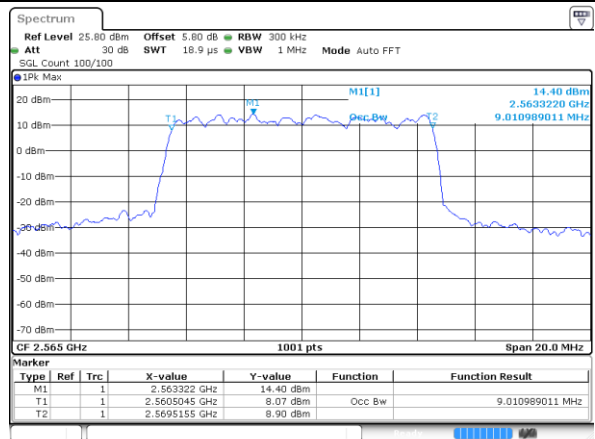
Date: 24.OCT.2019 22:41:18

## Highest Channel / 10MHz / QPSK



Date: 24.OCT.2019 22:41:57

## Highest Channel / 10MHz / 16QAM

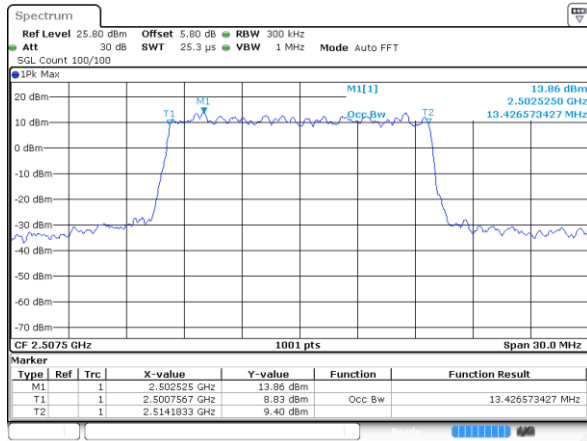


Date: 24.OCT.2019 22:42:17



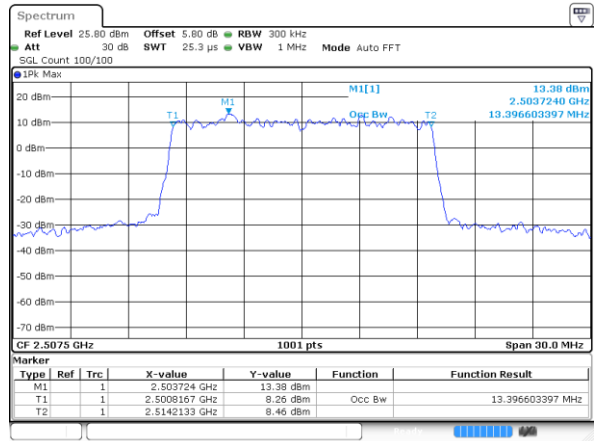
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



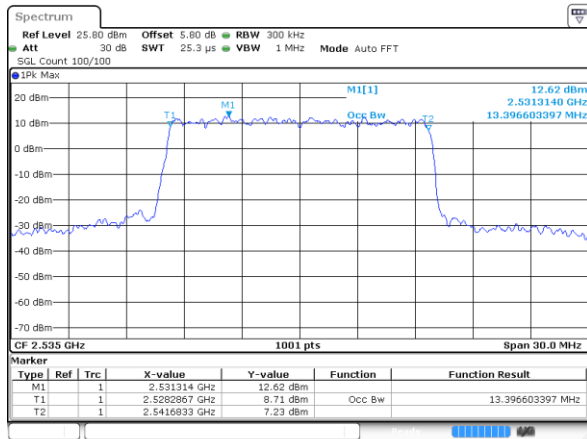
Date: 24.OCT.2019 22:57:27

## Lowest Channel / 15MHz / 16QAM



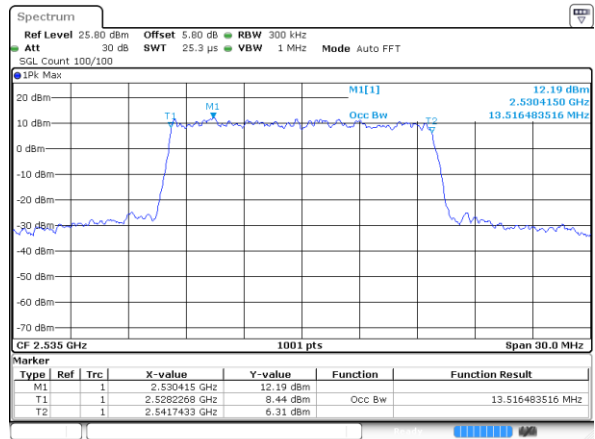
Date: 24.OCT.2019 22:57:07

## Middle Channel / 15MHz / QPSK



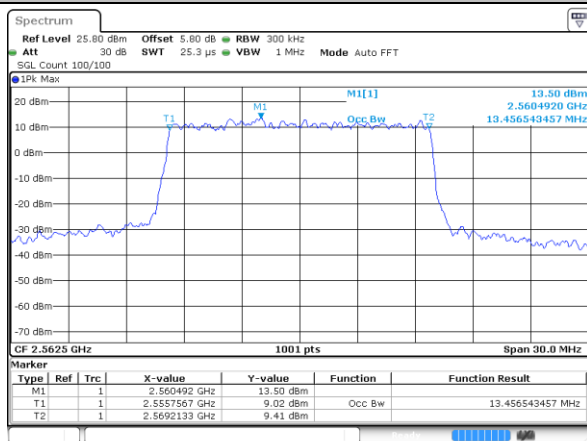
Date: 24.OCT.2019 22:57:47

## Middle Channel / 15MHz / 16QAM



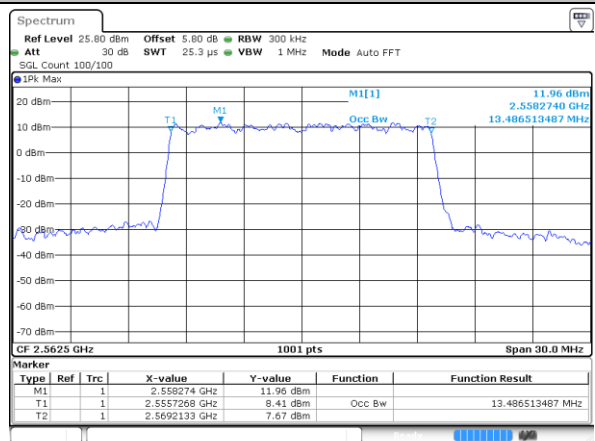
Date: 24.OCT.2019 22:58:07

## Highest Channel / 15MHz / QPSK



Date: 24.OCT.2019 22:58:46

## Highest Channel / 15MHz / 16QAM

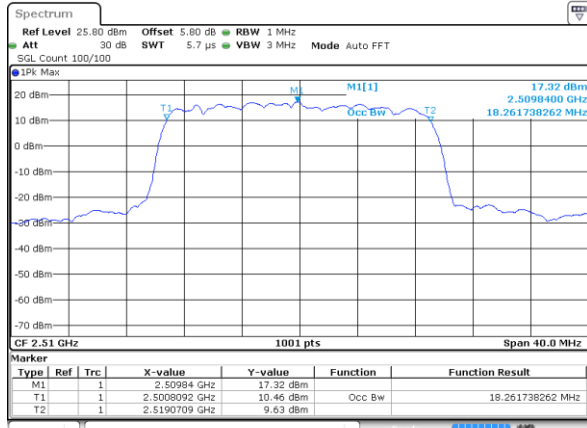


Date: 24.OCT.2019 22:58:27



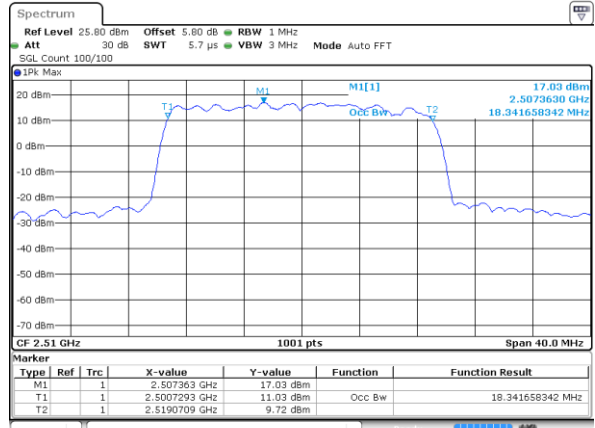
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



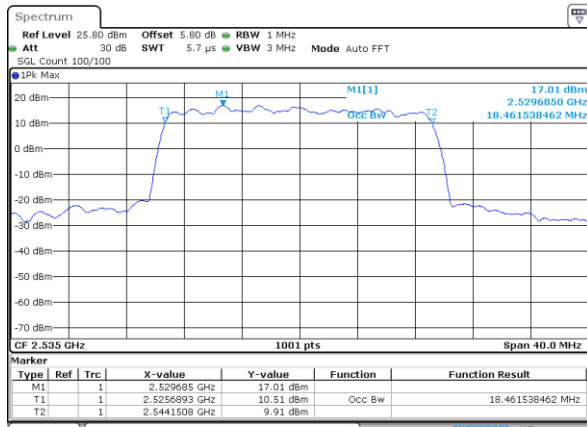
Date: 1 NOV 2019 10:53:20

## Lowest Channel / 20MHz / 16QAM



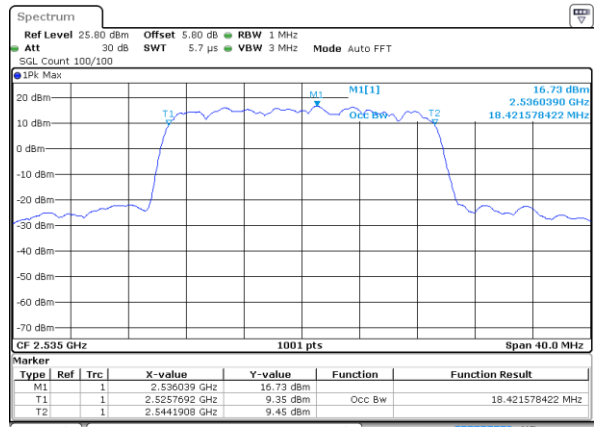
Date: 1 NOV 2019 10:53:00

## Middle Channel / 20MHz / QPSK



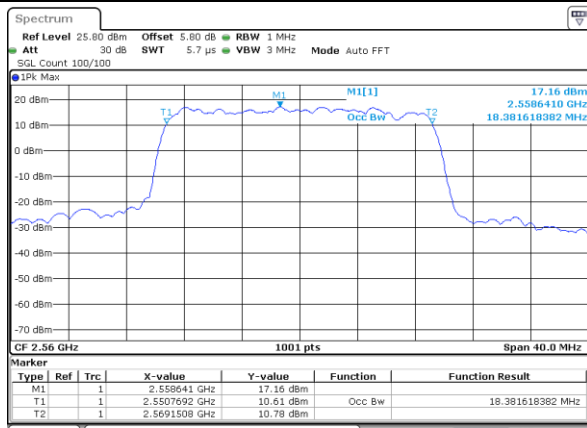
Date: 1 NOV 2019 10:53:39

## Middle Channel / 20MHz / 16QAM



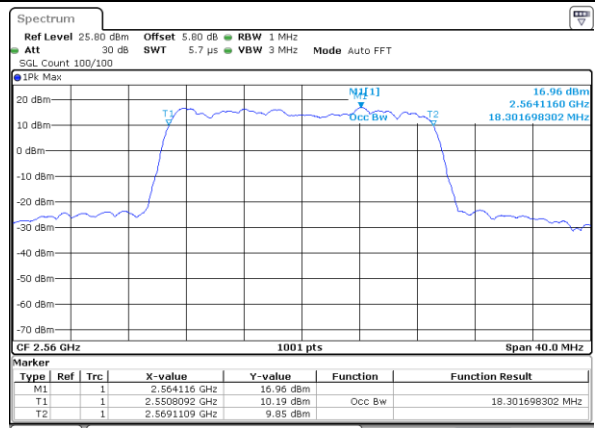
Date: 1 NOV 2019 10:53:59

## Highest Channel / 20MHz / QPSK



Date: 1 NOV 2019 10:54:39

## Highest Channel / 20MHz / 16QAM

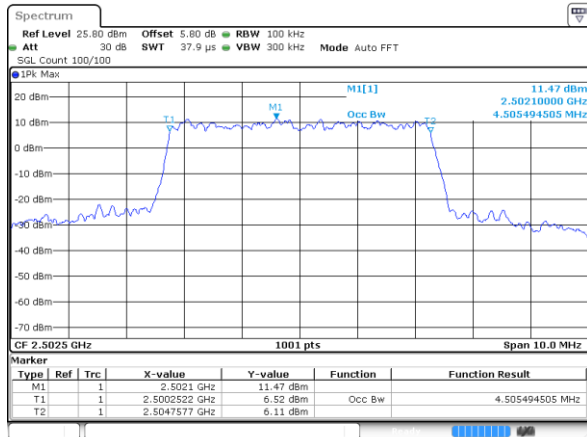


Date: 1 NOV 2019 10:54:19



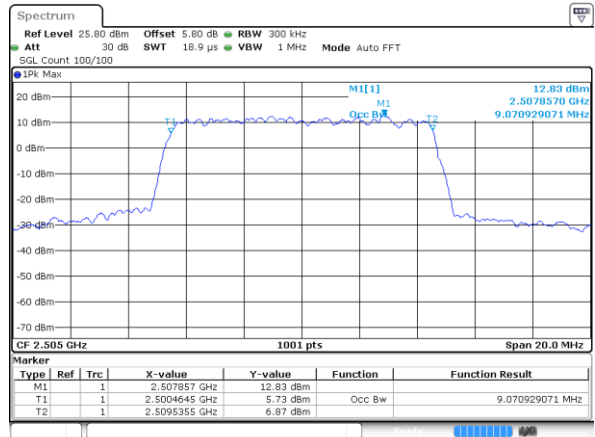
## LTE Band 7

## Lowest Channel / 5MHz / 64QAM



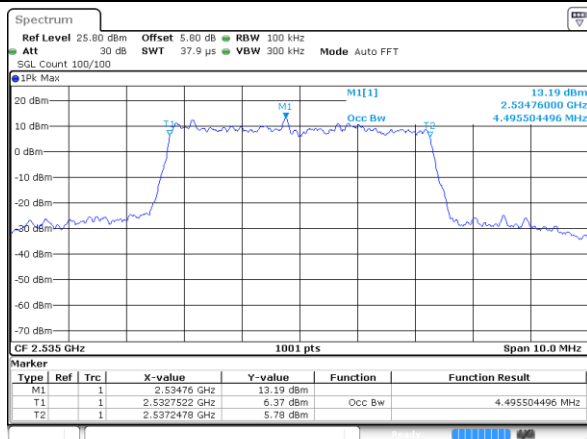
Date: 24.OCT.2019 23:30:08

## Lowest Channel / 10MHz / 64QAM



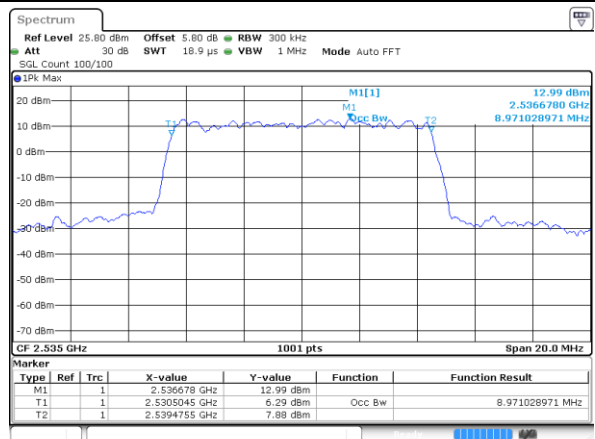
Date: 24.OCT.2019 23:38:24

## Middle Channel / 5MHz / 64QAM



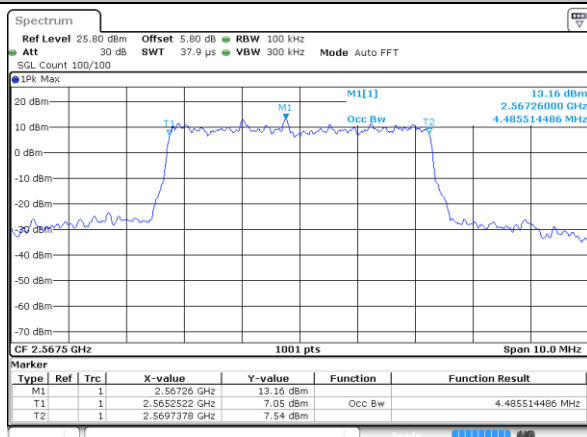
Date: 24.OCT.2019 23:30:18

## Middle Channel / 10MHz / 64QAM



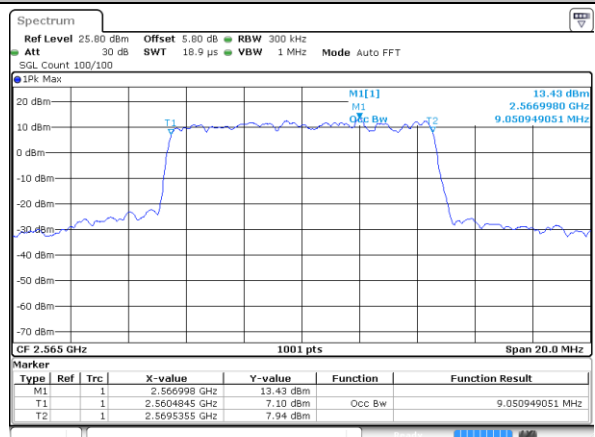
Date: 24.OCT.2019 23:38:33

## Highest Channel / 5MHz / 64QAM



Date: 24.OCT.2019 23:30:28

## Highest Channel / 10MHz / 64QAM

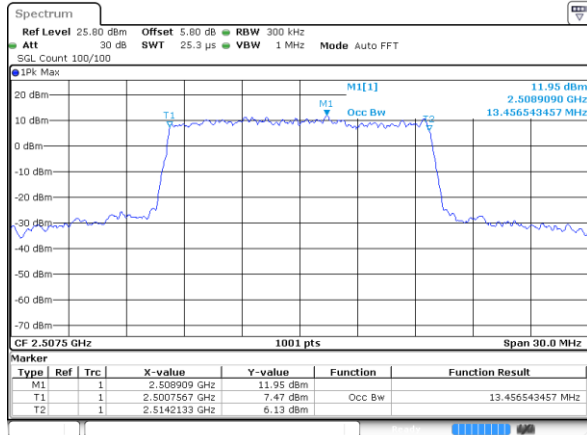


Date: 24.OCT.2019 23:38:43

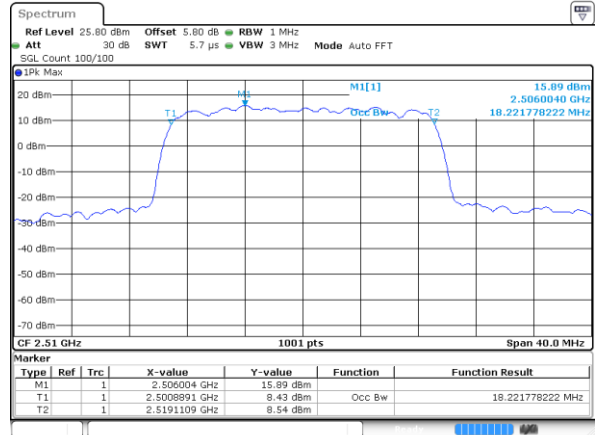


## LTE Band 7

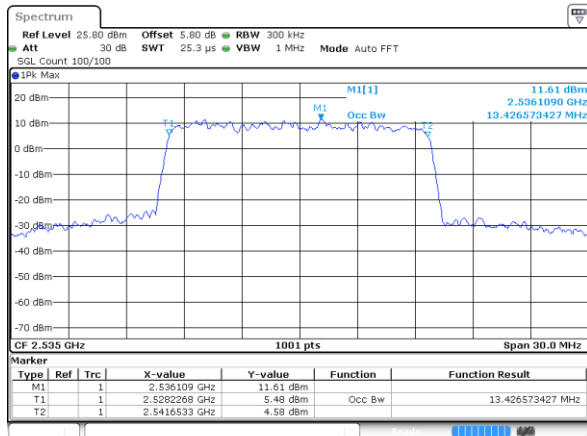
## Lowest Channel / 15MHz / 64QAM



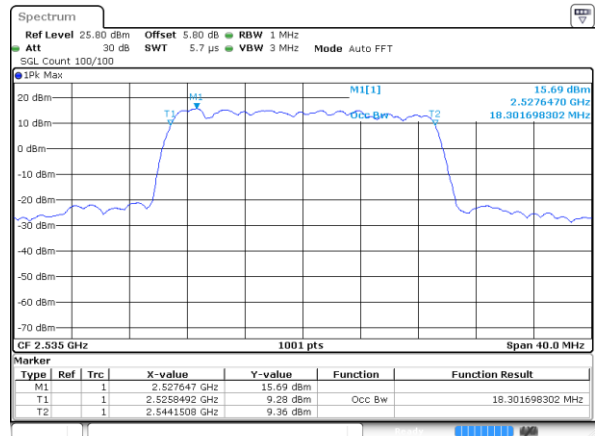
## Lowest Channel / 20MHz / 64QAM



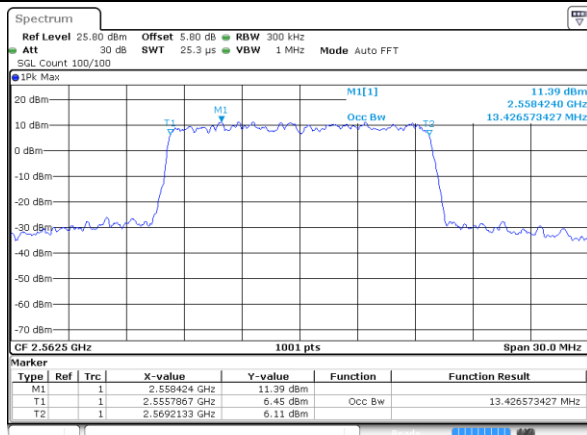
## Middle Channel / 15MHz / 64QAM



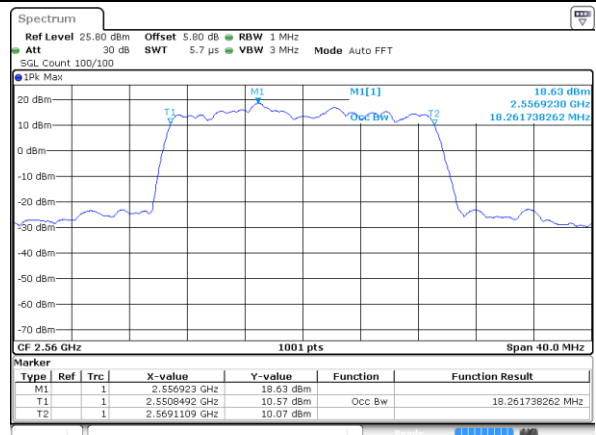
## Middle Channel / 20MHz / 64QAM



## Highest Channel / 15MHz / 64QAM



## Highest Channel / 20MHz / 64QAM

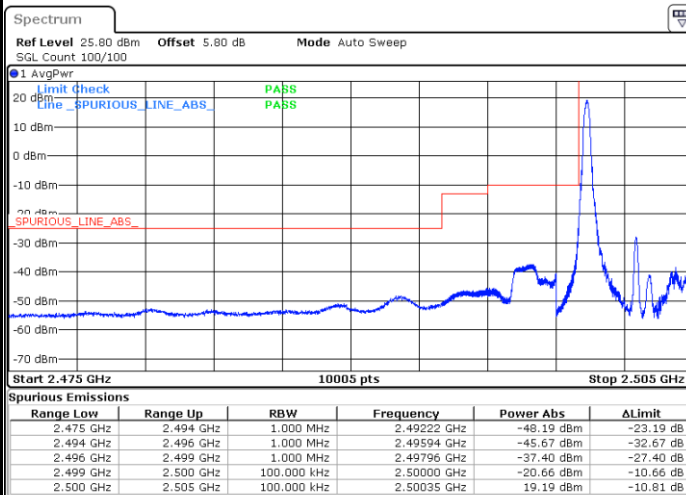




# Conducted Band Edge

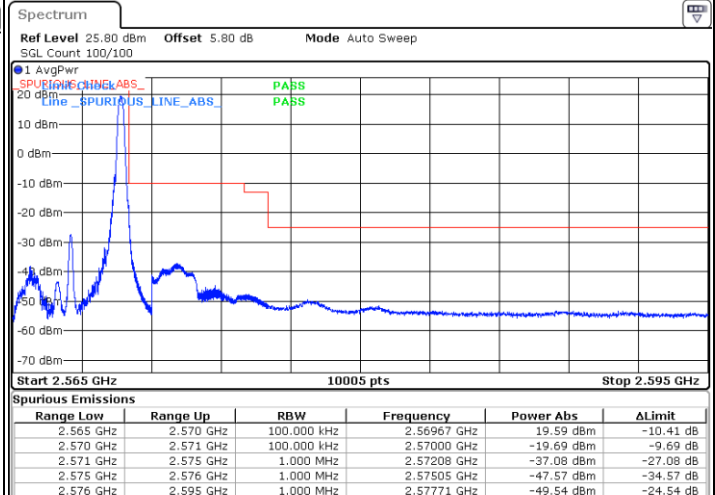
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



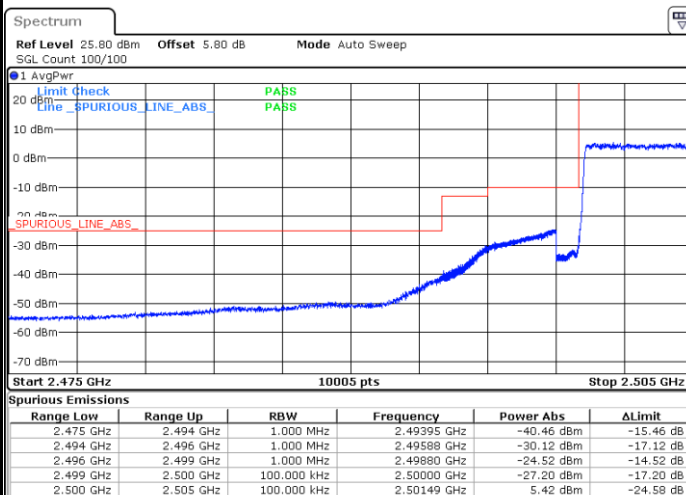
Date: 24.OCT.2019 22:27:05

### Highest Band Edge / 1 RB



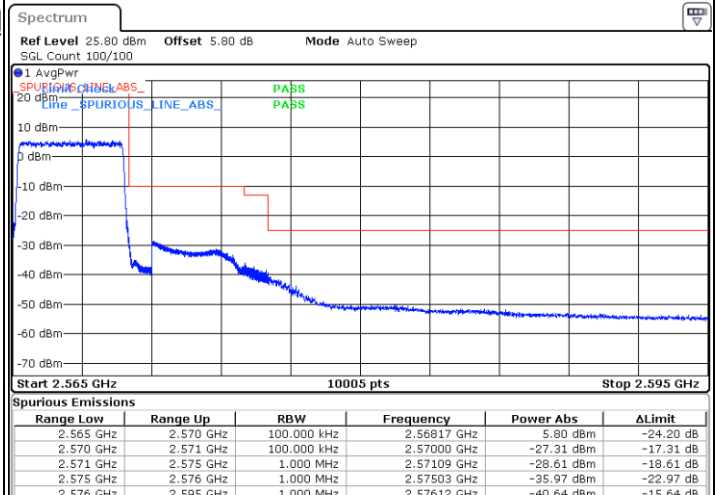
Date: 24.OCT.2019 22:35:09

### Lowest Band Edge / Full RB



Date: 24.OCT.2019 22:30:32

### Highest Band Edge / Full RB

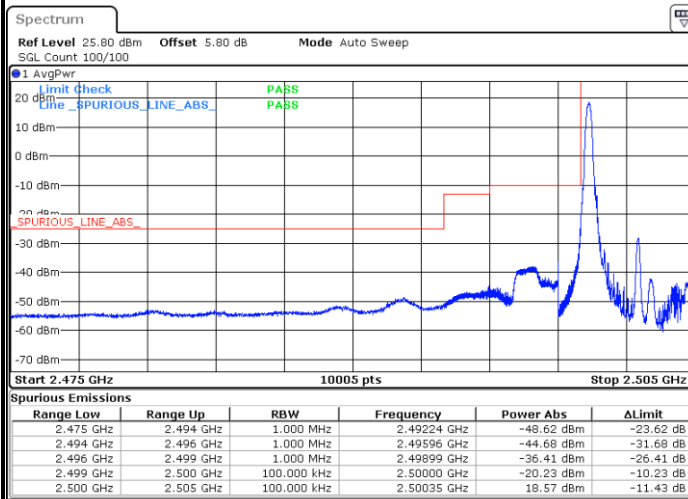


Date: 24.OCT.2019 22:31:41



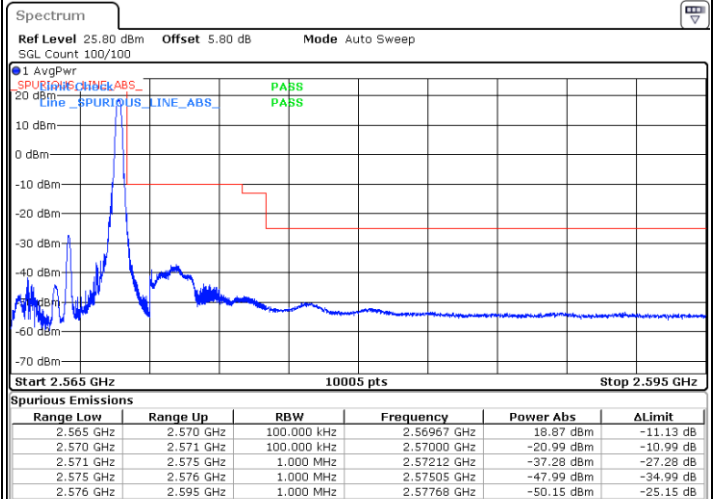
## LTE Band 7 / 5MHz / 16QAM

## Lowest Band Edge / 1 RB



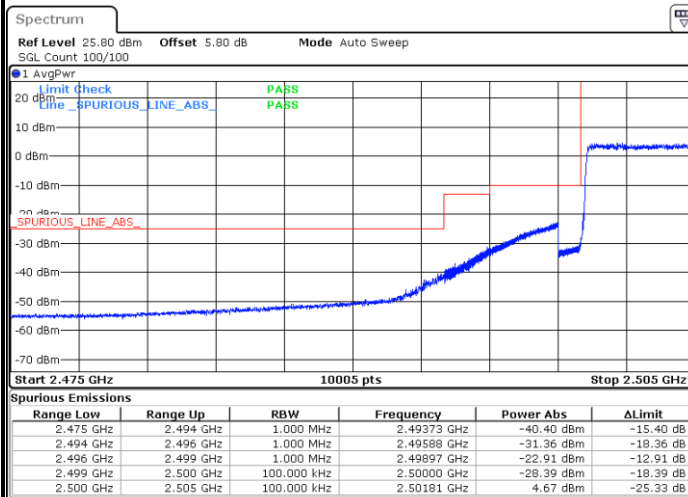
Date: 24.OCT.2019 22:28:14

## Highest Band Edge / 1 RB



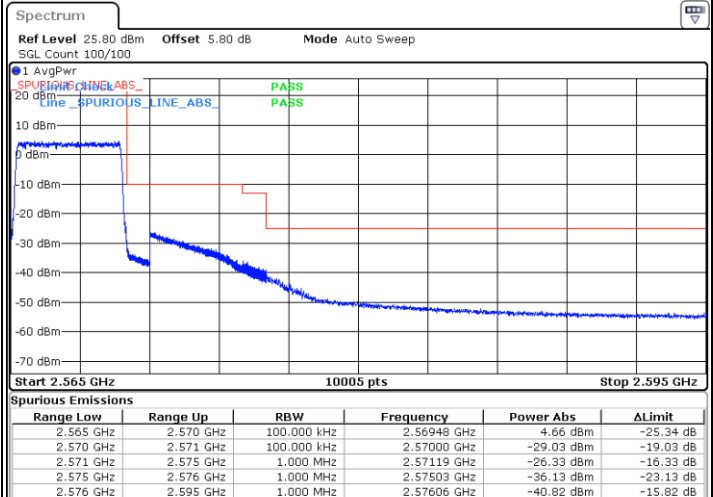
Date: 24.OCT.2019 22:33:59

## Lowest Band Edge / Full RB



Date: 24.OCT.2019 22:29:23

## Highest Band Edge / Full RB

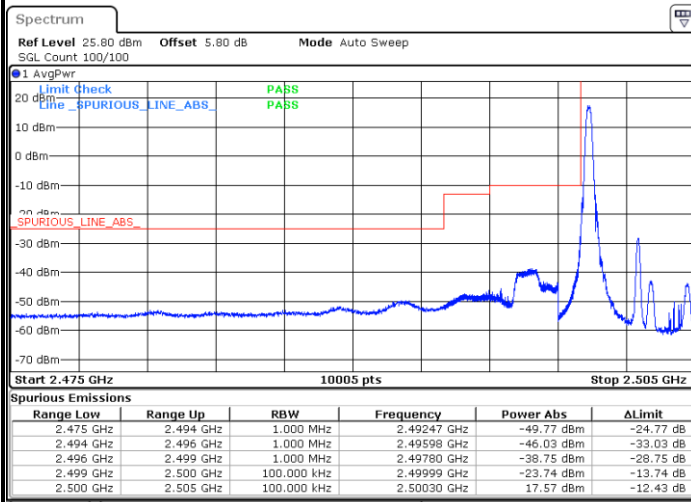


Date: 24.OCT.2019 22:32:50

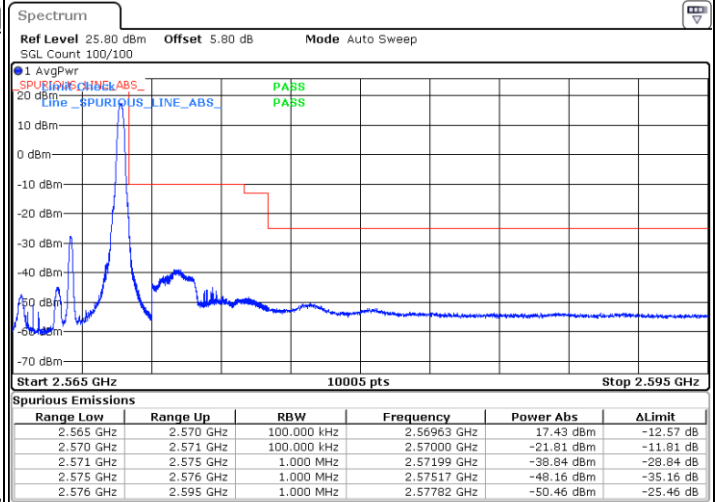


## LTE Band 7 / 5MHz / 64QAM

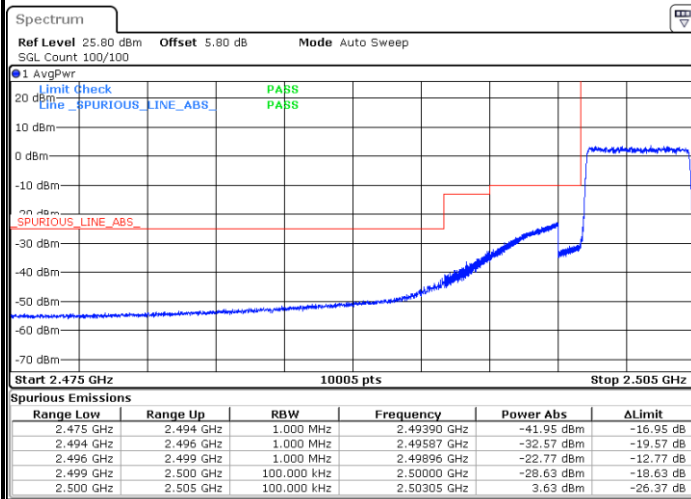
## Lowest Band Edge / 1RB



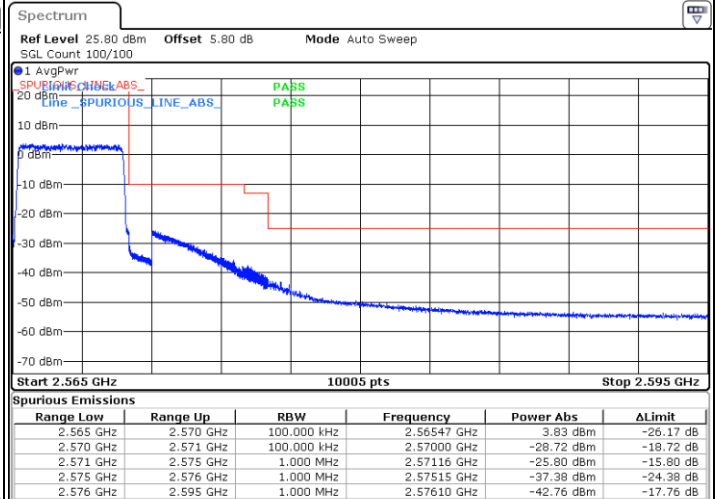
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



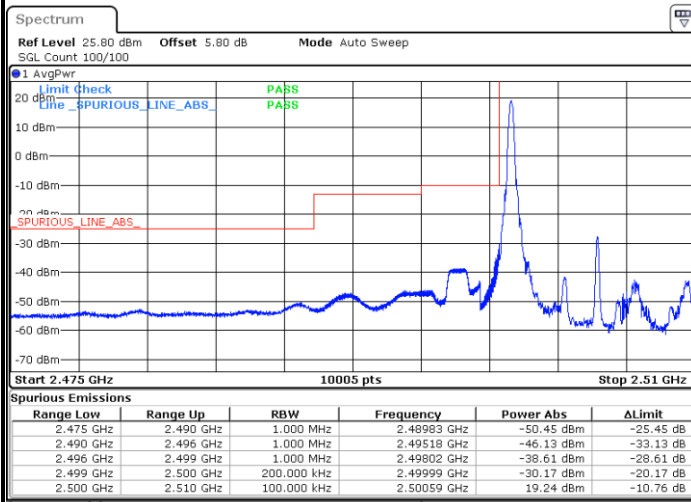
## Highest Band Edge / Full RB



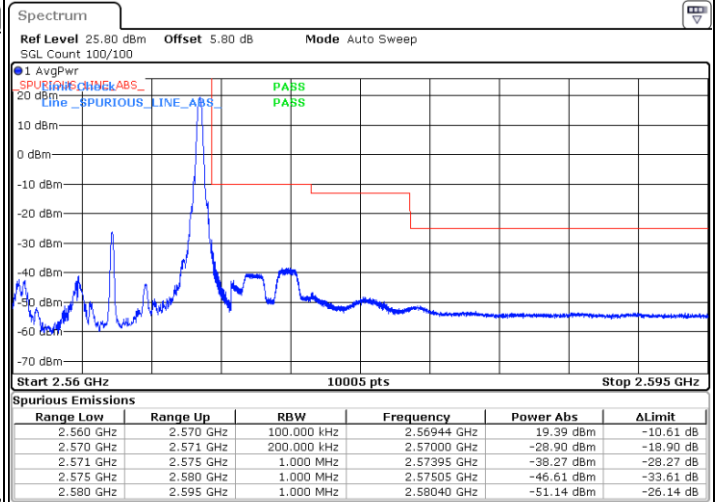


## LTE Band 7 / 10MHz / QPSK

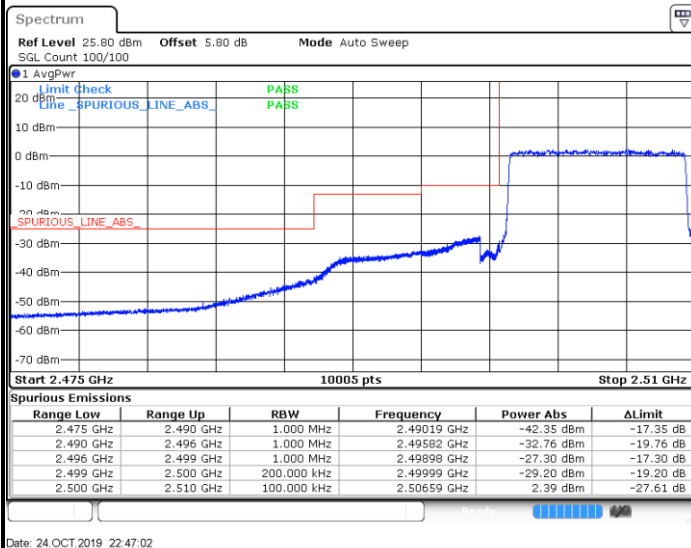
## Lowest Band Edge / 1 RB



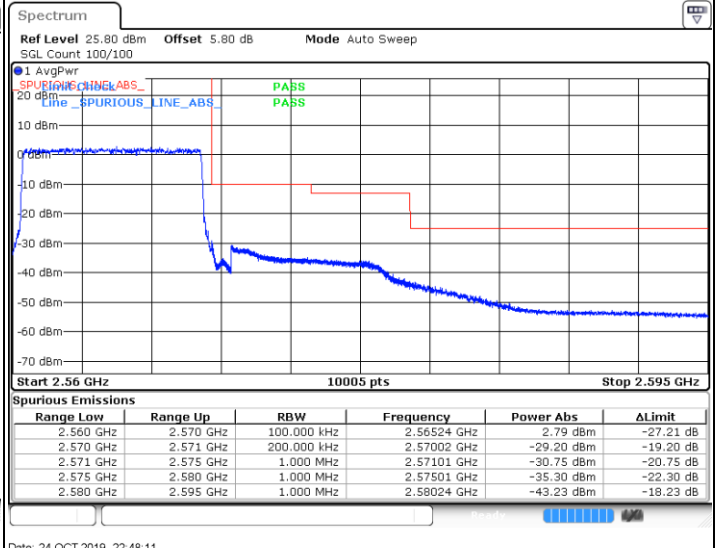
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



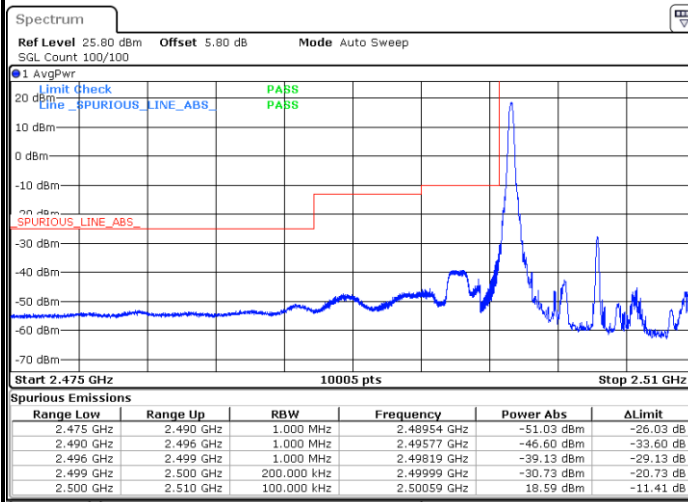
## Highest Band Edge / Full RB



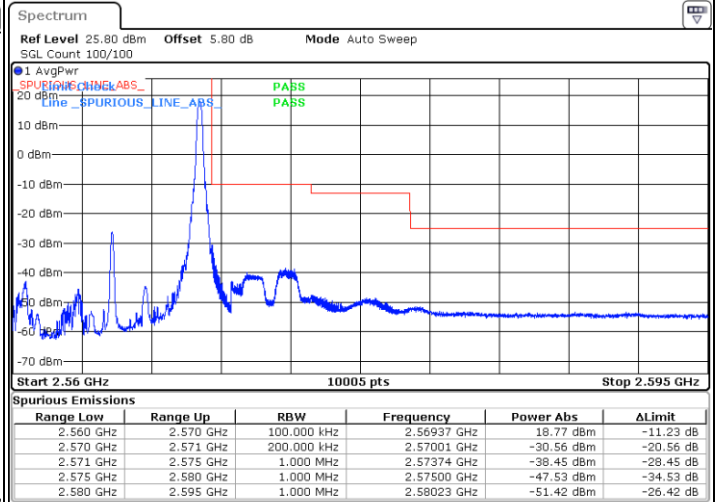


## LTE Band 7 / 10MHz / 16QAM

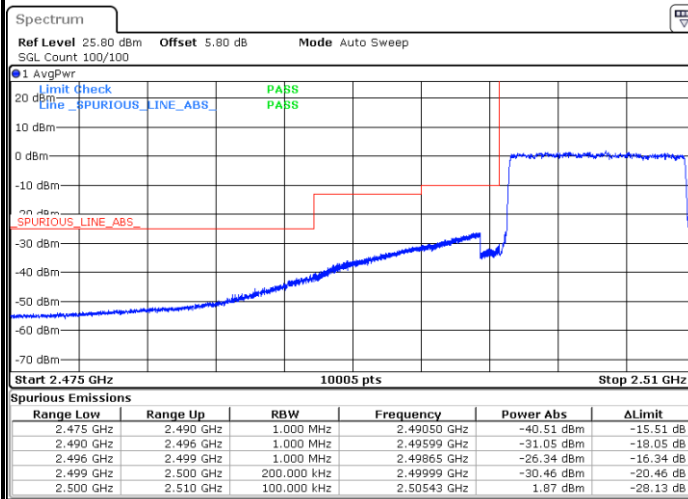
## Lowest Band Edge / 1 RB



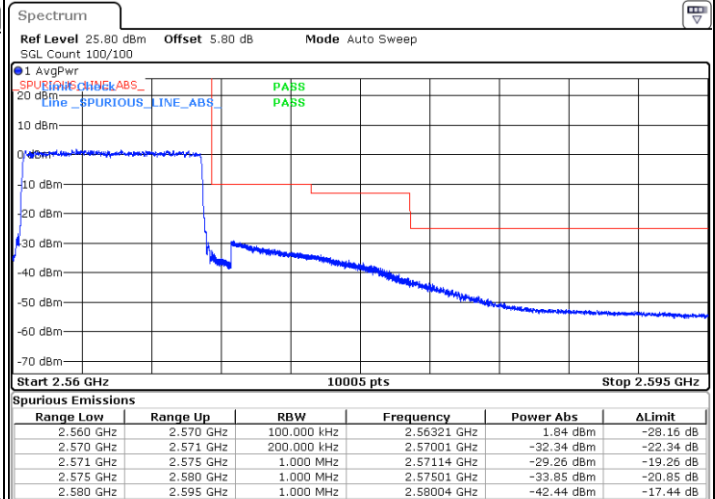
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



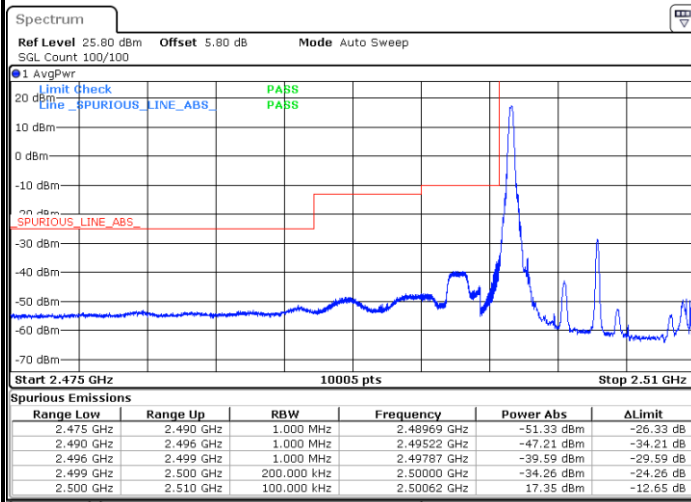
## Highest Band Edge / Full RB



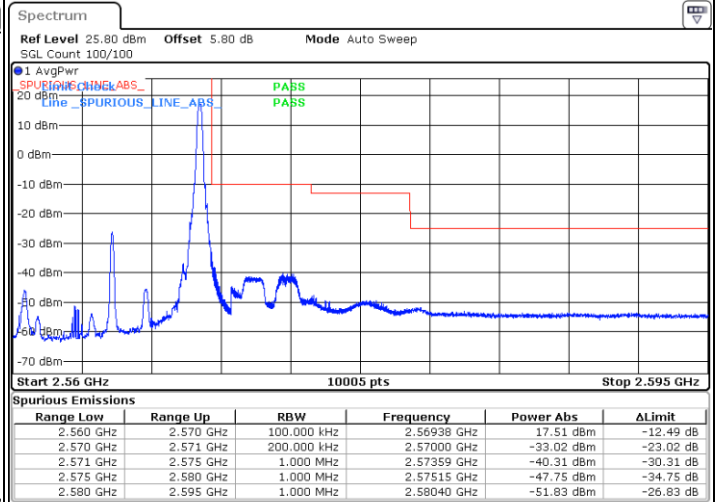


## LTE Band 7 / 10MHz / 64QAM

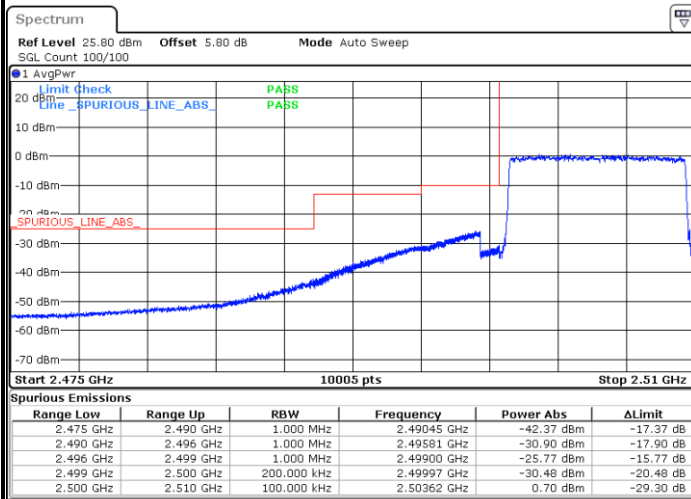
## Lowest Band Edge / 1 RB



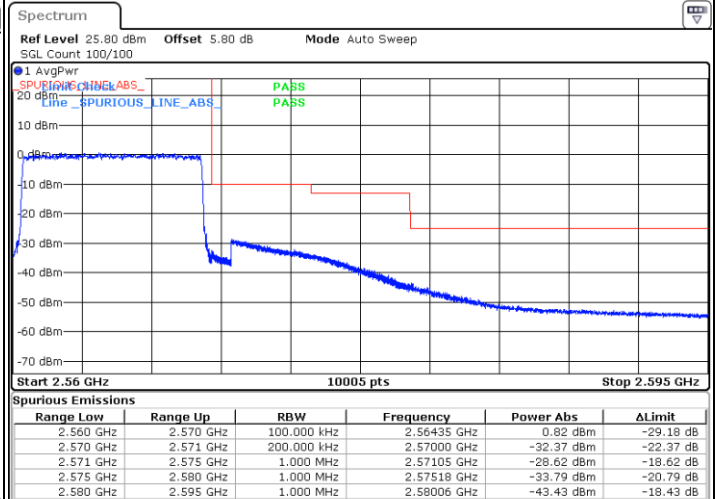
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



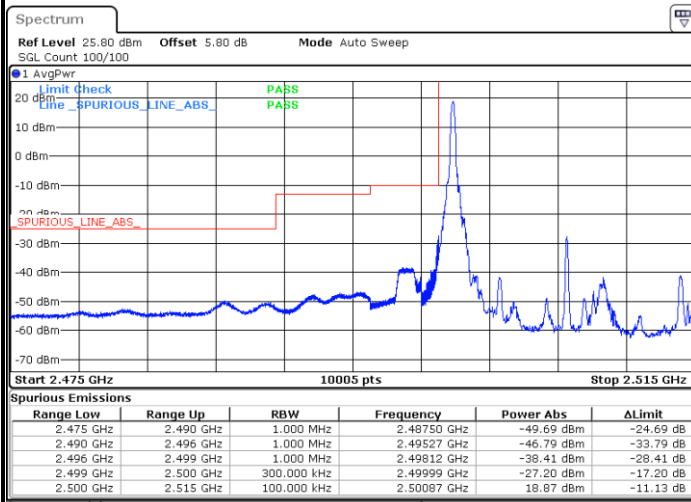
## Highest Band Edge / Full RB



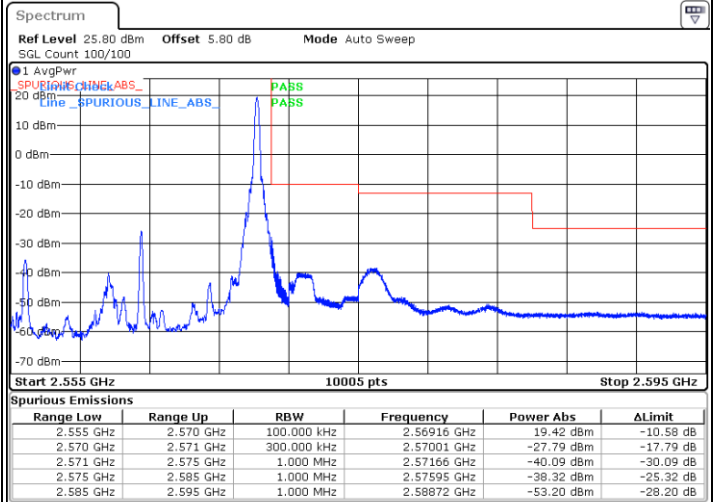


## LTE Band 7 / 15MHz / QPSK

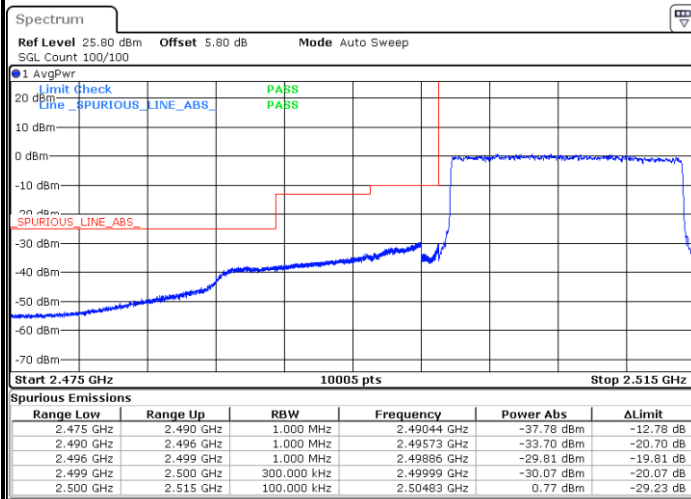
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

