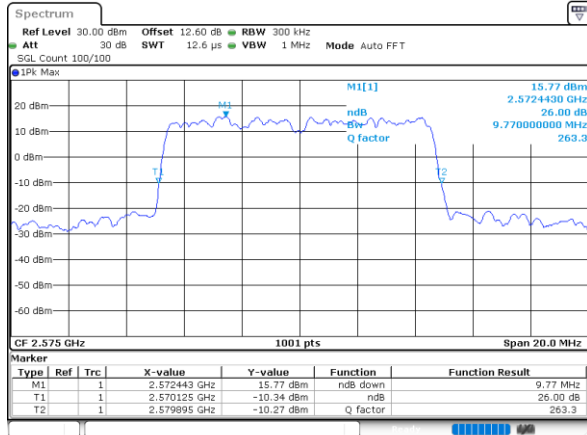




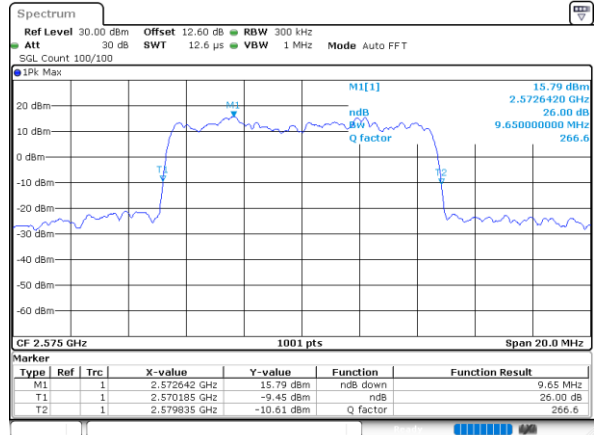
## LTE Band 38

## Lowest Channel / 10MHz / QPSK



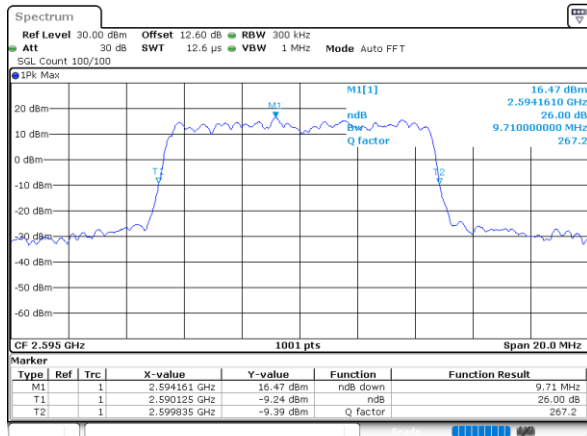
Date: 24.MAY.2020 10:29:07

## Lowest Channel / 10MHz / 16QAM



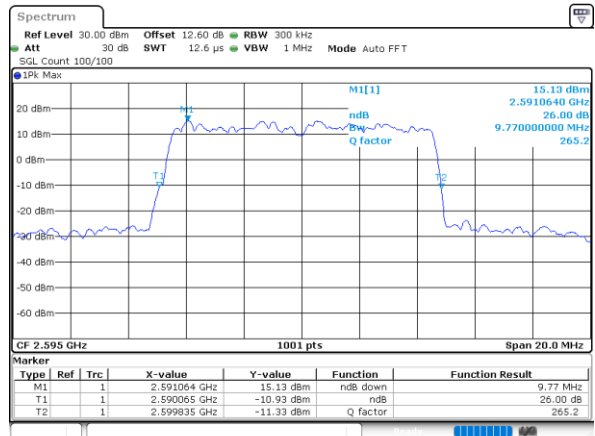
Date: 24.MAY.2020 10:29:19

## Middle Channel / 10MHz / QPSK



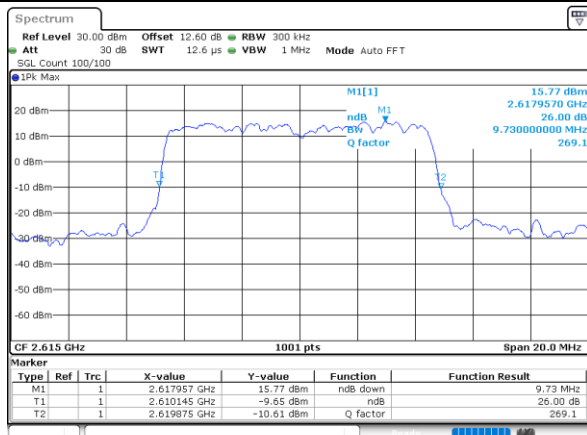
Date: 24.MAY.2020 10:29:53

## Middle Channel / 10MHz / 16QAM



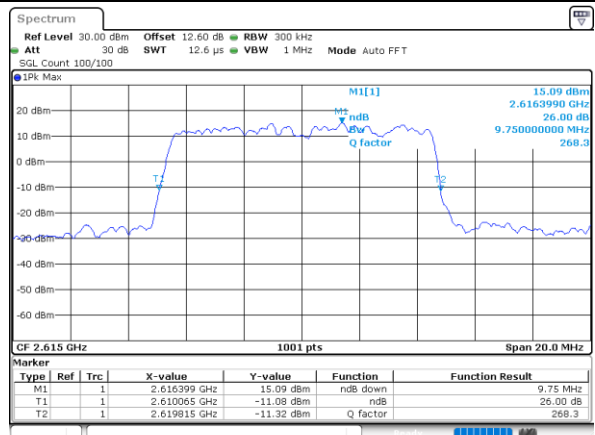
Date: 24.MAY.2020 10:30:04

## Highest Channel / 10MHz / QPSK



Date: 24.MAY.2020 10:30:40

## Highest Channel / 10MHz / 16QAM

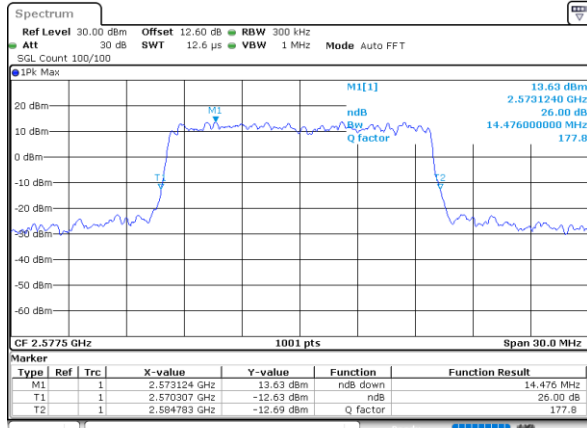


Date: 24.MAY.2020 10:30:52



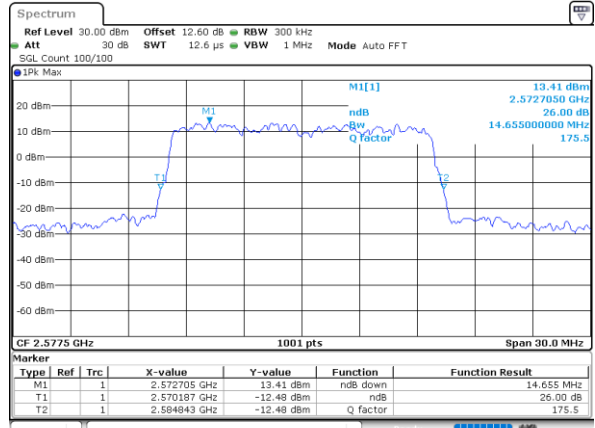
## LTE Band 38

## Lowest Channel / 15MHz / QPSK



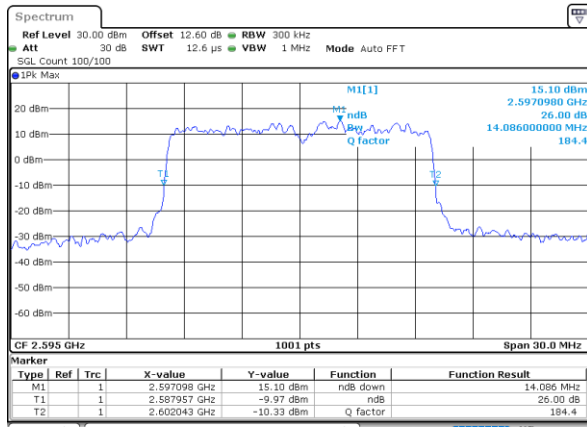
Date: 24.MAY.2020 10:31:20

## Lowest Channel / 15MHz / 16QAM



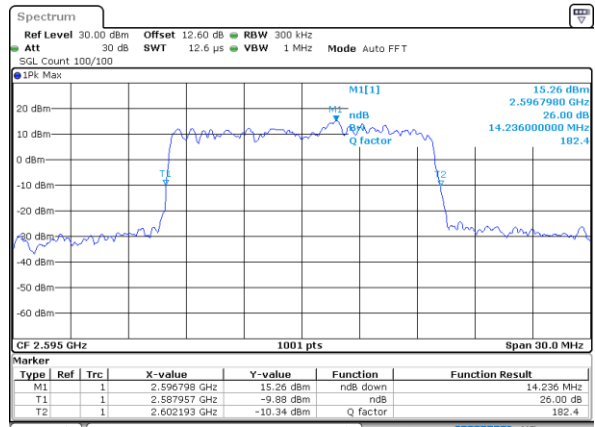
Date: 24.MAY.2020 10:31:40

## Middle Channel / 15MHz / QPSK



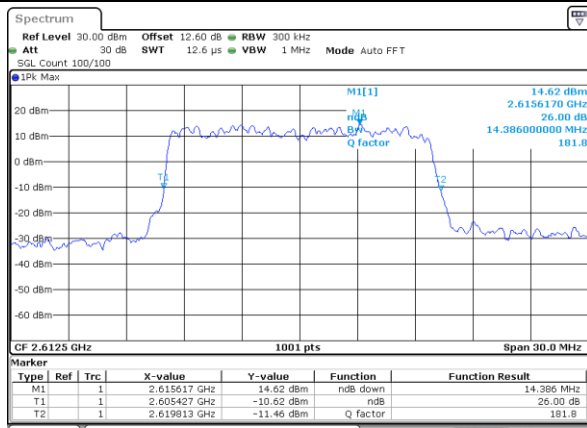
Date: 24.MAY.2020 10:32:14

## Middle Channel / 15MHz / 16QAM



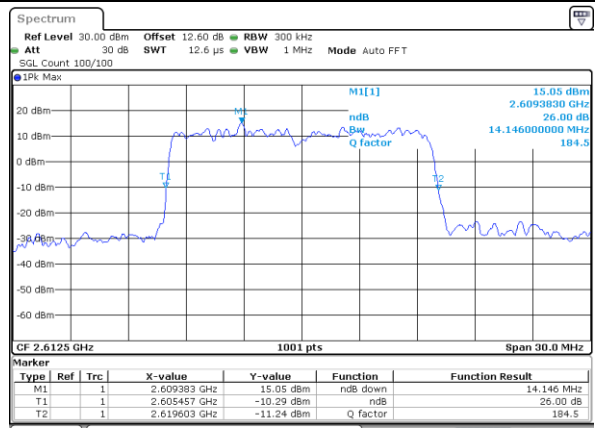
Date: 24.MAY.2020 10:32:25

## Highest Channel / 15MHz / QPSK



Date: 24.MAY.2020 10:33:00

## Highest Channel / 15MHz / 16QAM

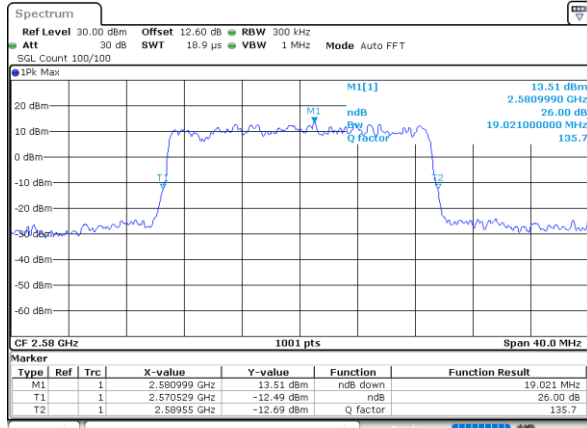


Date: 24.MAY.2020 10:33:12



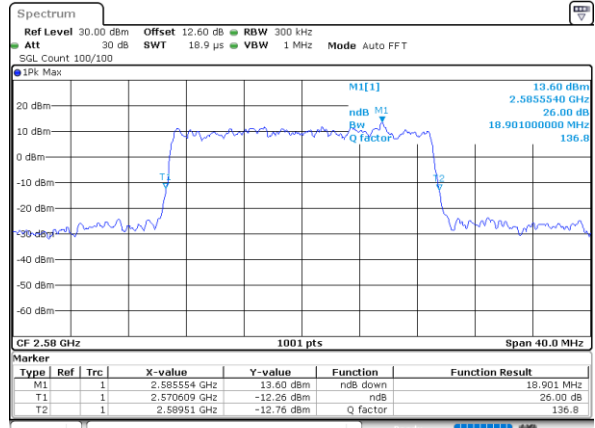
## LTE Band 38

## Lowest Channel / 20MHz / QPSK



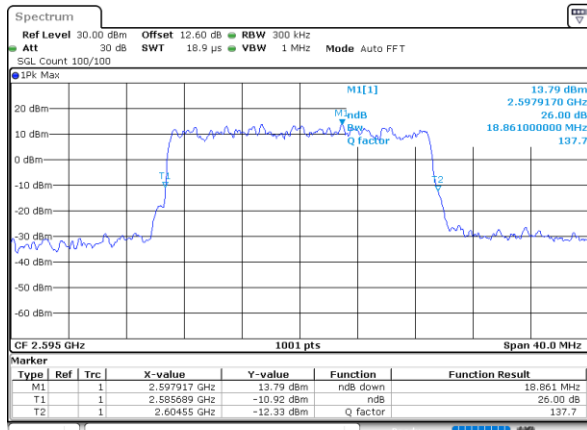
Date: 24.MAY.2020 10:33:40

## Lowest Channel / 20MHz / 16QAM



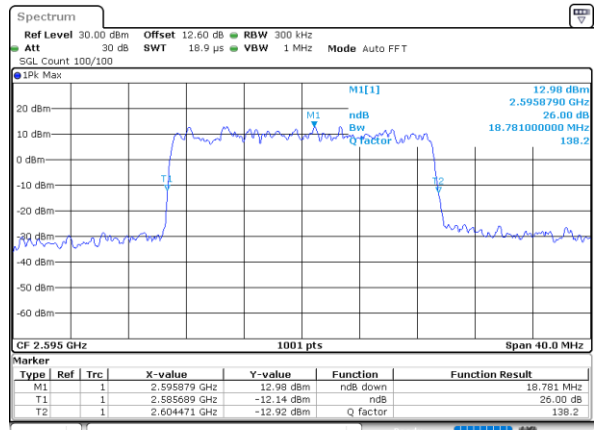
Date: 24.MAY.2020 10:34:00

## Middle Channel / 20MHz / QPSK



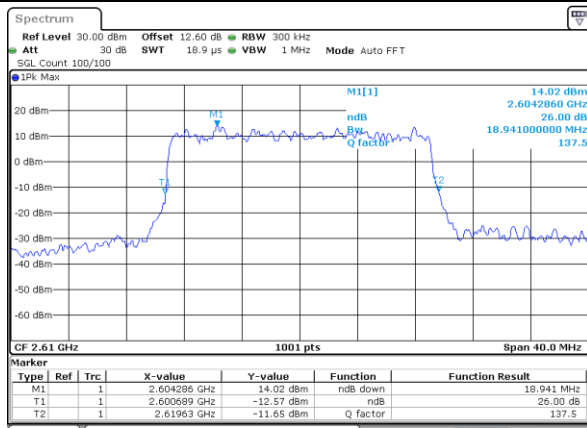
Date: 24.MAY.2020 10:34:34

## Middle Channel / 20MHz / 16QAM



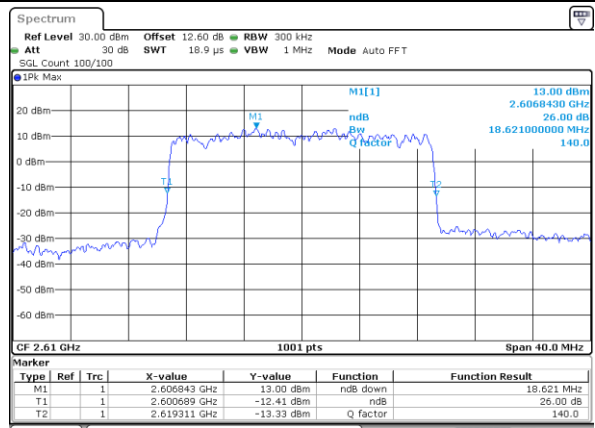
Date: 24.MAY.2020 10:34:45

## Highest Channel / 20MHz / QPSK



Date: 24.MAY.2020 10:35:20

## Highest Channel / 20MHz / 16QAM

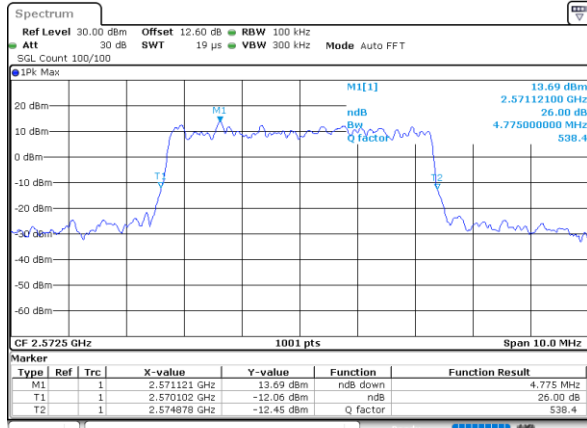


Date: 24.MAY.2020 10:35:32



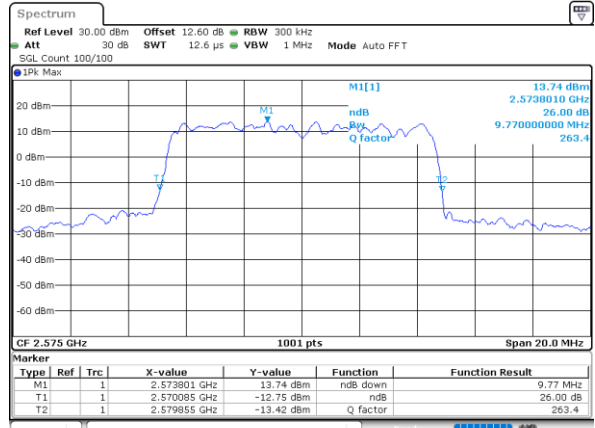
## LTE Band 38

## Lowest Channel / 5MHz / 64QAM



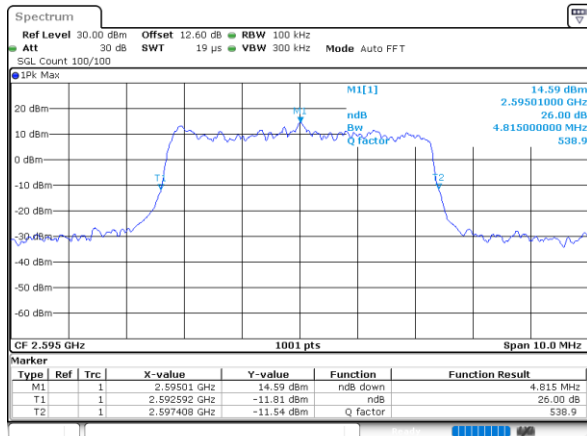
Date: 24.MAY.2020 10:35:56

## Lowest Channel / 10MHz / 64QAM



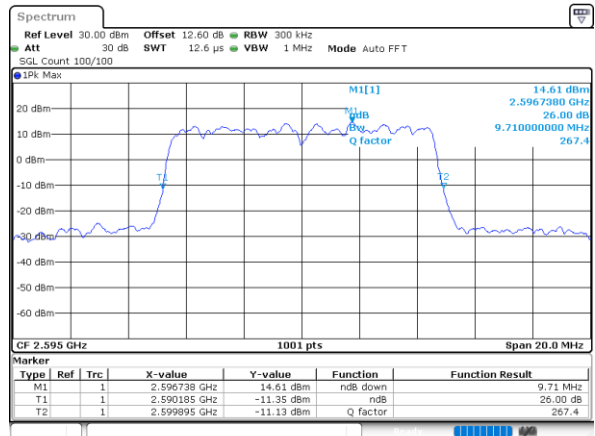
Date: 24.MAY.2020 10:37:06

## Middle Channel / 5MHz / 64QAM



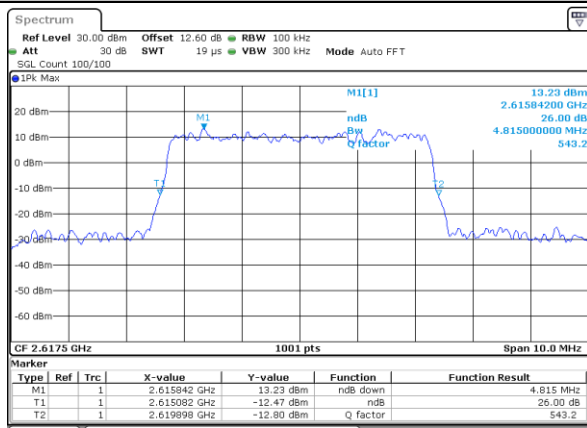
Date: 24.MAY.2020 10:36:19

## Middle Channel / 10MHz / 64QAM



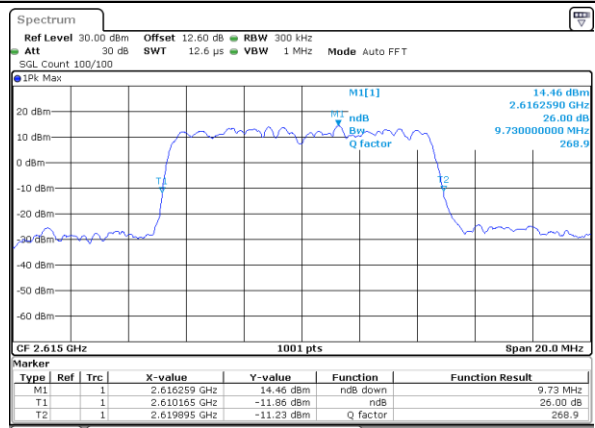
Date: 24.MAY.2020 10:37:29

## Highest Channel / 5MHz / 64QAM



Date: 24.MAY.2020 10:36:42

## Highest Channel / 10MHz / 64QAM

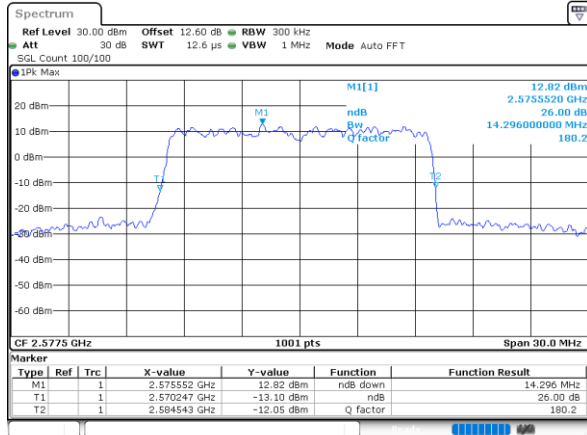


Date: 24.MAY.2020 10:37:52



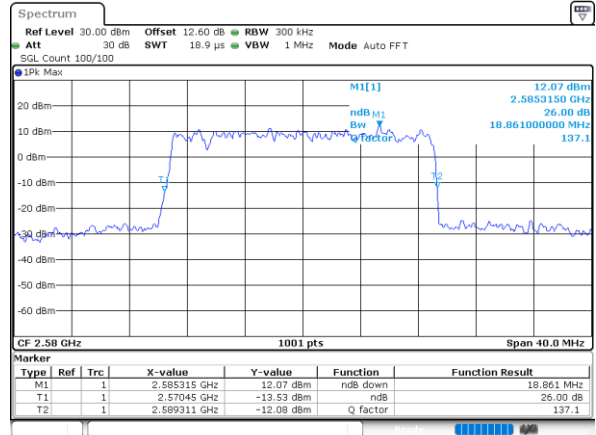
## LTE Band 38

## Lowest Channel / 15MHz / 64QAM



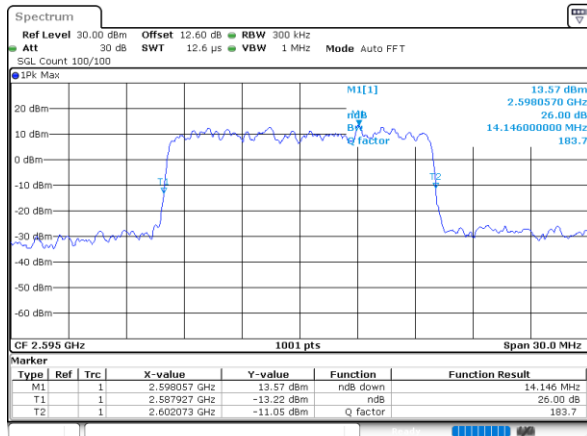
Date: 24.MAY.2020 10:38:16

## Lowest Channel / 20MHz / 64QAM



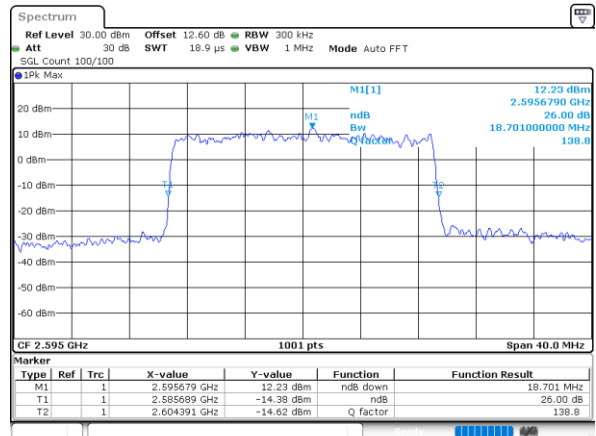
Date: 24.MAY.2020 10:39:26

## Middle Channel / 15MHz / 64QAM



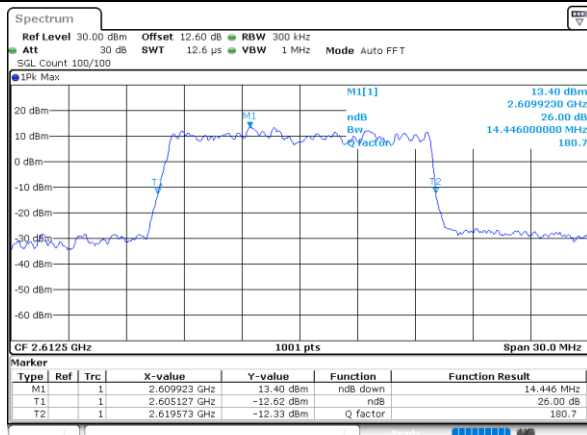
Date: 24.MAY.2020 10:38:39

## Middle Channel / 20MHz / 64QAM



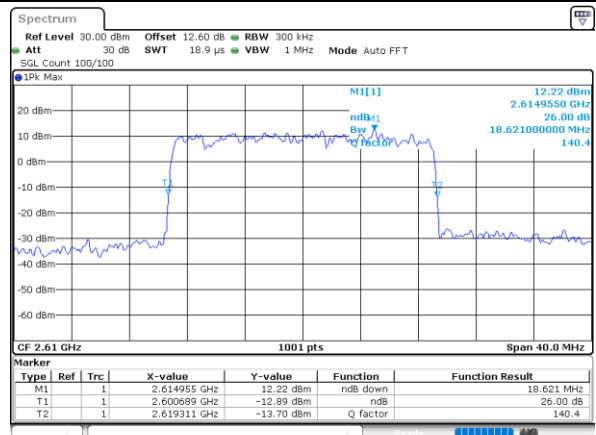
Date: 24.MAY.2020 10:39:49

## Highest Channel / 15MHz / 64QAM



Date: 24.MAY.2020 10:39:02

## Highest Channel / 20MHz / 64QAM



Date: 24.MAY.2020 10:40:12

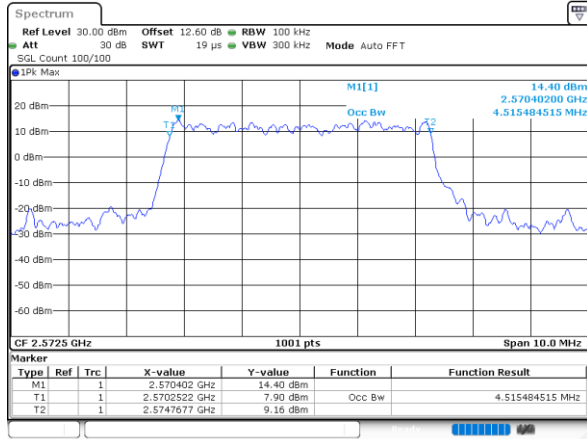
**Occupied Bandwidth**

| Mode       | LTE Band 38 : 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  | 9.01  | 9.05  | 13.49 | 13.46 | 17.90 | 17.78 |
| Middle CH  | -                         | -     | -     | -     | 4.52  | 4.49  | 9.07  | 9.05  | 13.43 | 13.37 | 17.82 | 17.90 |
| Highest CH | -                         | -     | -     | -     | 4.51  | 4.50  | 8.97  | 9.05  | 13.52 | 13.43 | 17.82 | 17.94 |
| Mode       | LTE Band 38 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                         | -     | -     | -     | 4.49  | -     | 9.03  | -     | 13.40 | -     | 17.90 | -     |
| Middle CH  | -                         | -     | -     | -     | 4.50  | -     | 9.09  | -     | 13.46 | -     | 17.86 | -     |
| Highest CH | -                         | -     | -     | -     | 4.53  | -     | 9.03  | -     | 13.46 | -     | 17.86 | -     |



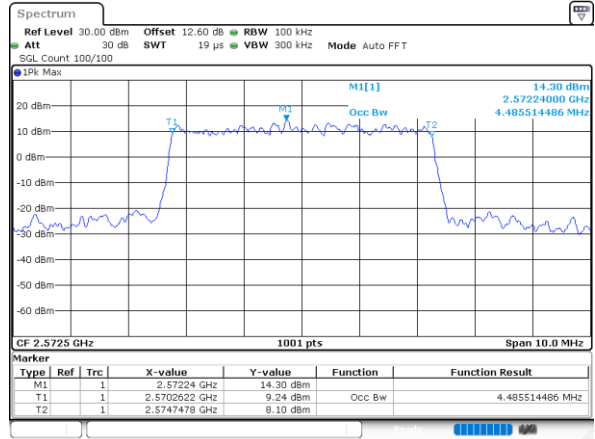
## LTE Band 38

## Lowest Channel / 5MHz / QPSK



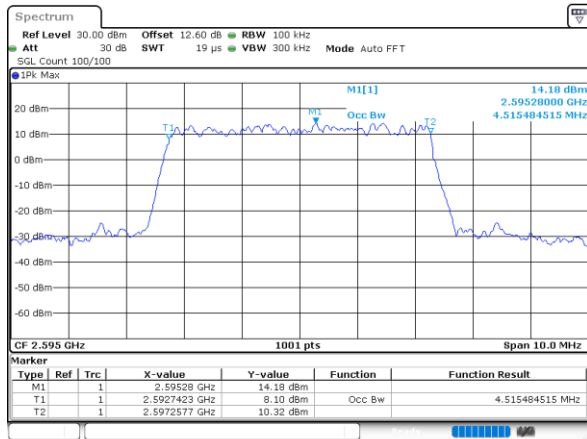
Date: 24.MAY.2020 10:26:23

## Lowest Channel / 5MHz / 16QAM



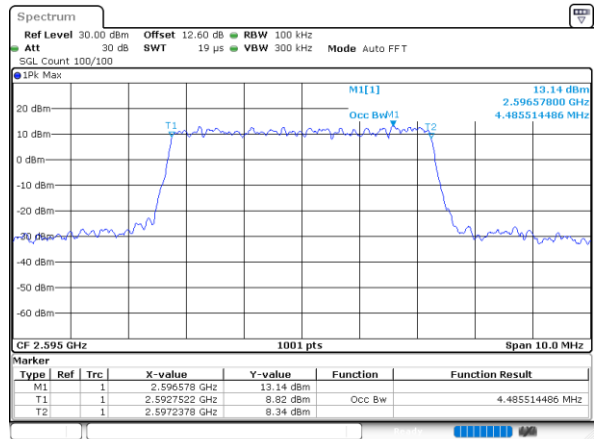
Date: 24.MAY.2020 10:26:35

## Middle Channel / 5MHz / QPSK



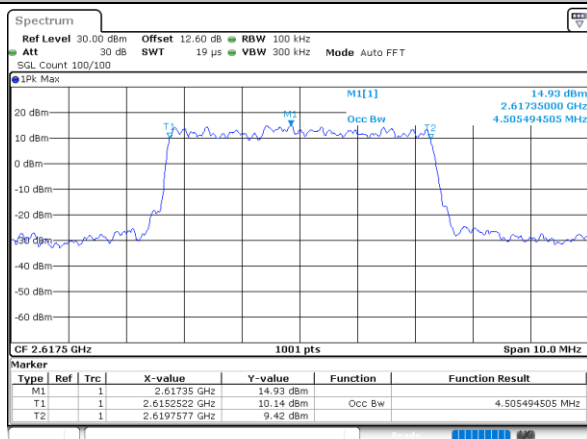
Date: 24.MAY.2020 10:27:10

## Middle Channel / 5MHz / 16QAM



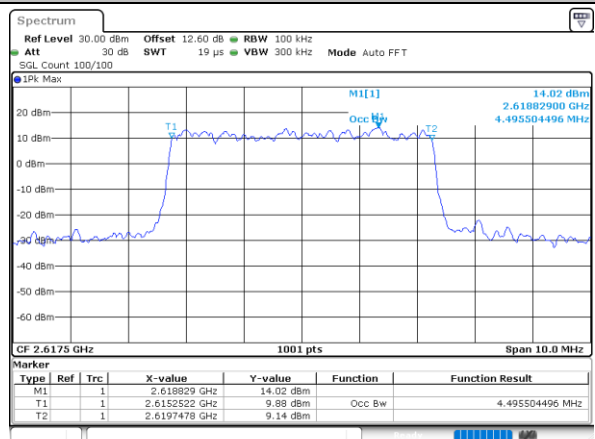
Date: 24.MAY.2020 10:27:21

## Highest Channel / 5MHz / QPSK



Date: 24.MAY.2020 10:27:56

## Highest Channel / 5MHz / 16QAM

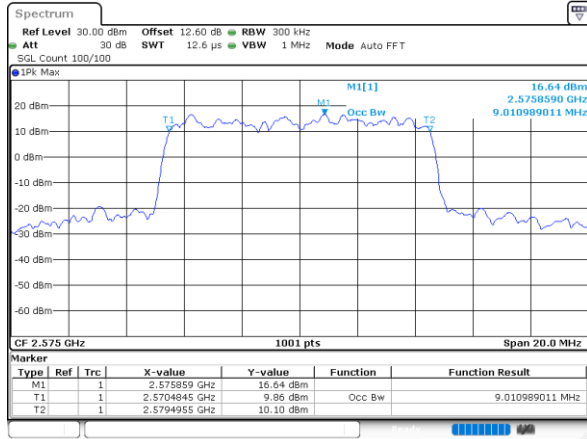


Date: 24.MAY.2020 10:28:07



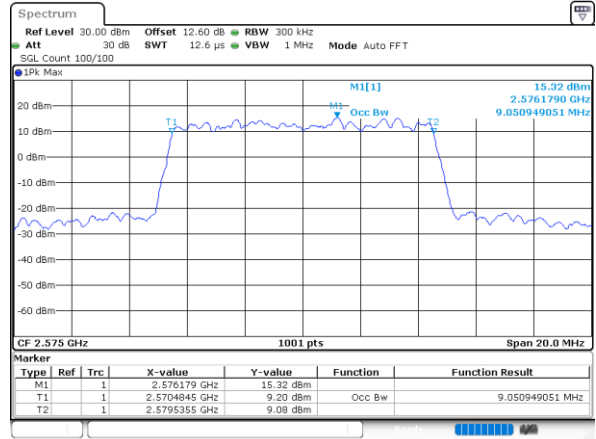
## LTE Band 38

## Lowest Channel / 10MHz / QPSK



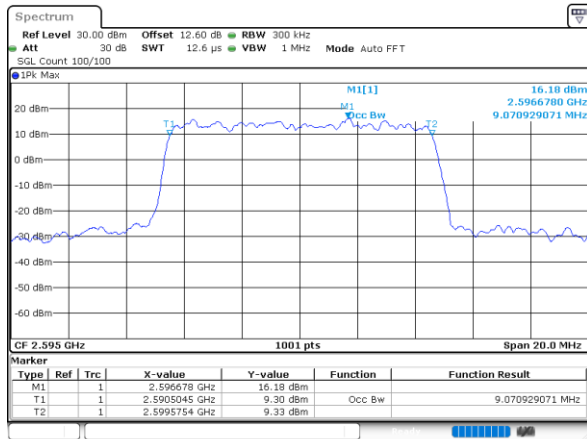
Date: 24.MAY.2020 10:28:44

## Lowest Channel / 10MHz / 16QAM



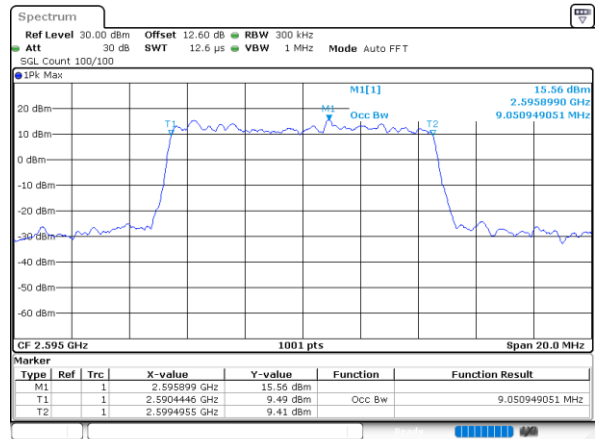
Date: 24.MAY.2020 10:28:55

## Middle Channel / 10MHz / QPSK



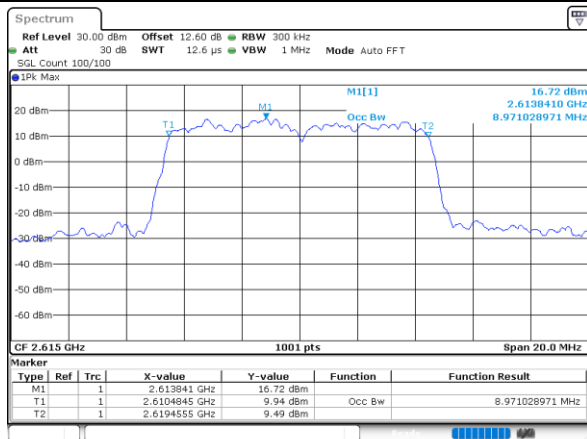
Date: 24.MAY.2020 10:29:31

## Middle Channel / 10MHz / 16QAM



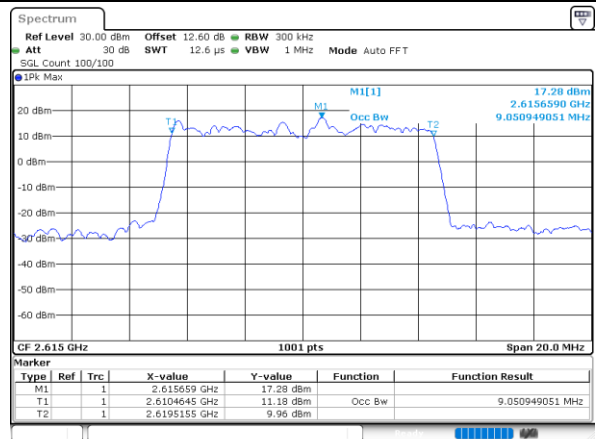
Date: 24.MAY.2020 10:29:42

## Highest Channel / 10MHz / QPSK



Date: 24.MAY.2020 10:30:16

## Highest Channel / 10MHz / 16QAM

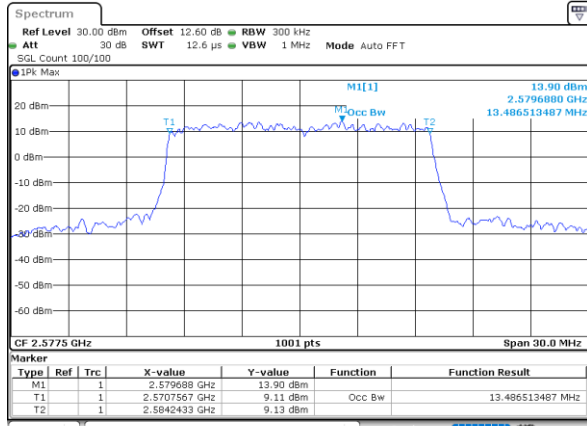


Date: 24.MAY.2020 10:30:28



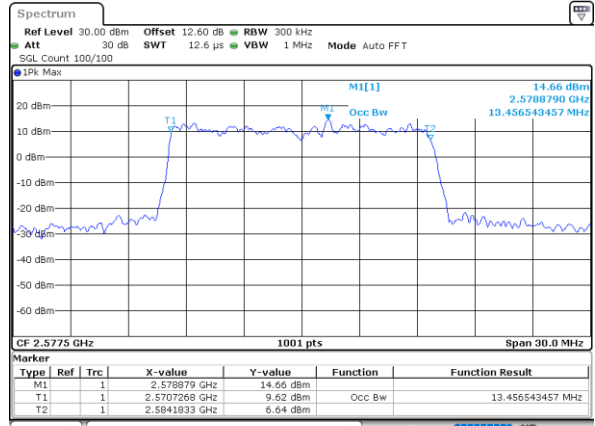
## LTE Band 38

## Lowest Channel / 15MHz / QPSK



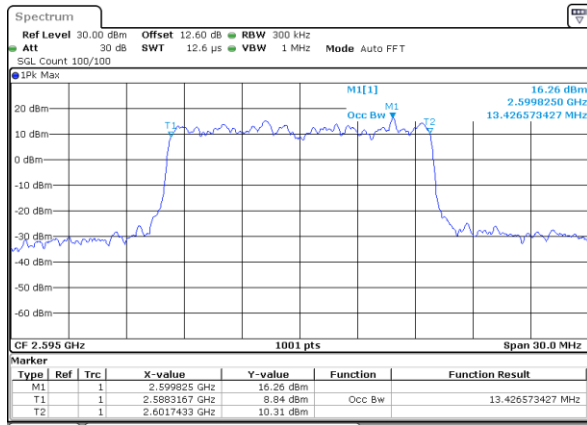
Date: 24.MAY.2020 10:31:04

## Lowest Channel / 15MHz / 16QAM



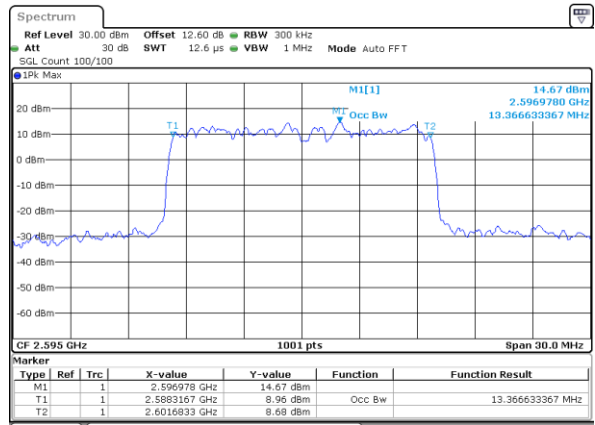
Date: 24.MAY.2020 10:31:16

## Middle Channel / 15MHz / QPSK



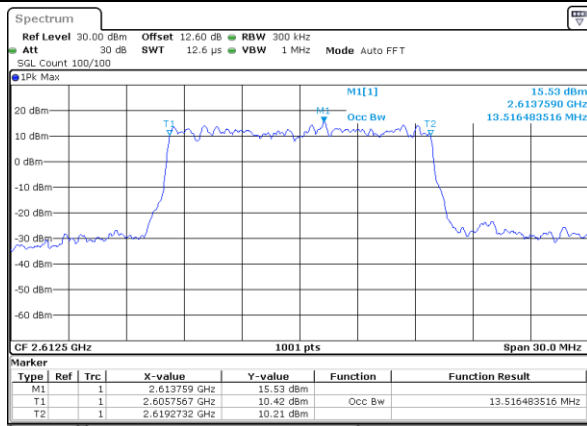
Date: 24.MAY.2020 10:31:51

## Middle Channel / 15MHz / 16QAM



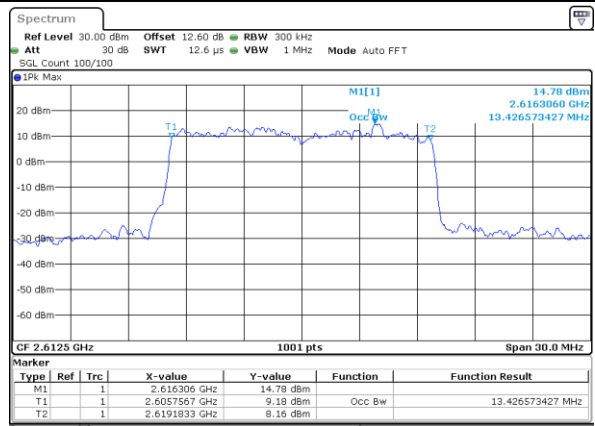
Date: 24.MAY.2020 10:32:02

## Highest Channel / 15MHz / QPSK



Date: 24.MAY.2020 10:32:36

## Highest Channel / 15MHz / 16QAM

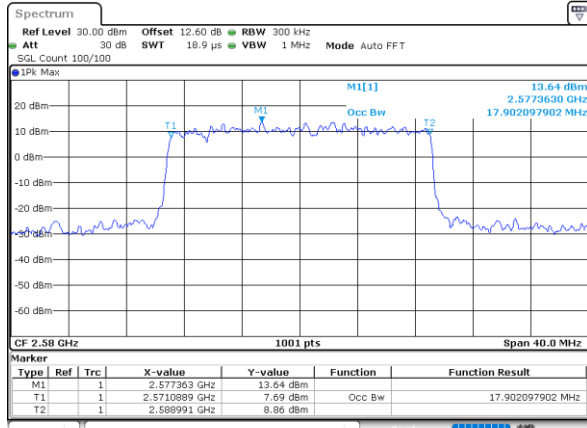


Date: 24.MAY.2020 10:32:48



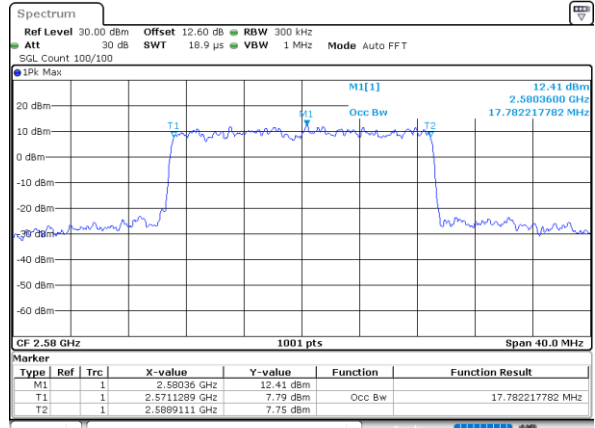
## LTE Band 38

## Lowest Channel / 20MHz / QPSK



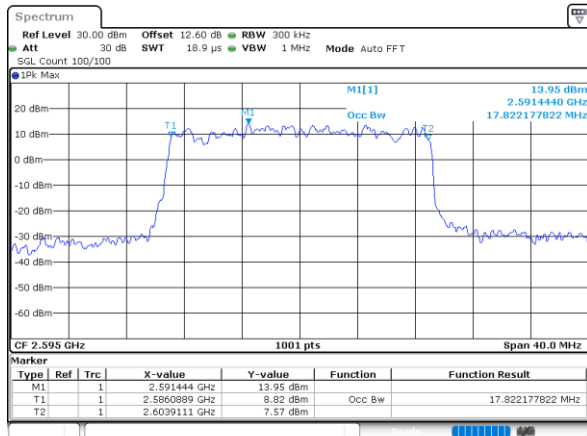
Date: 24.MAY.2020 10:33:24

## Lowest Channel / 20MHz / 16QAM



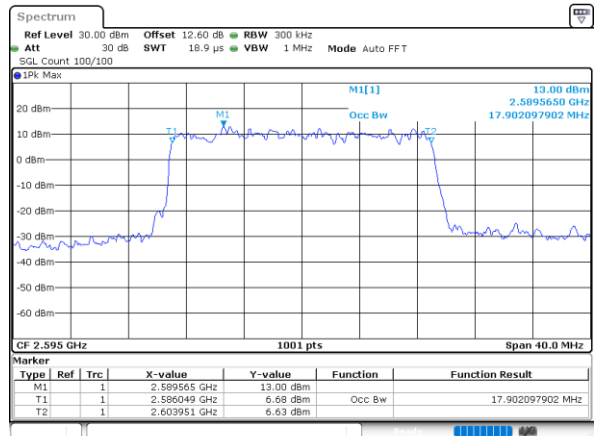
Date: 24.MAY.2020 10:33:36

## Middle Channel / 20MHz / QPSK



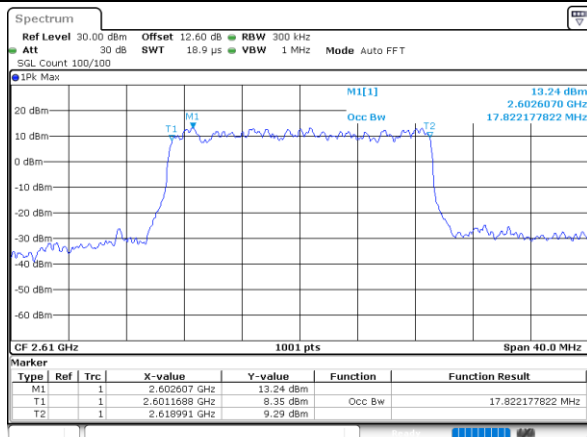
Date: 24.MAY.2020 10:34:11

## Middle Channel / 20MHz / 16QAM



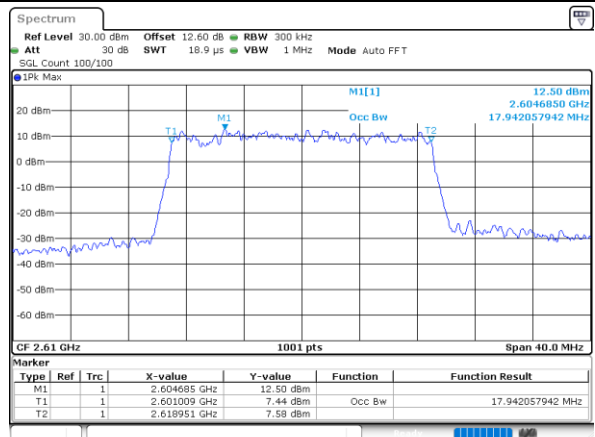
Date: 24.MAY.2020 10:34:23

## Highest Channel / 20MHz / QPSK



Date: 24.MAY.2020 10:34:57

## Highest Channel / 20MHz / 16QAM

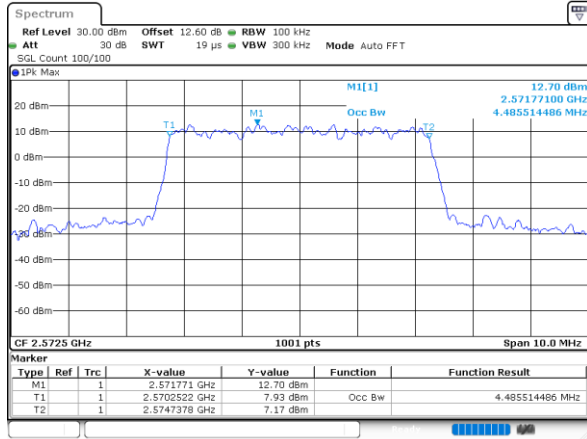


Date: 24.MAY.2020 10:35:08

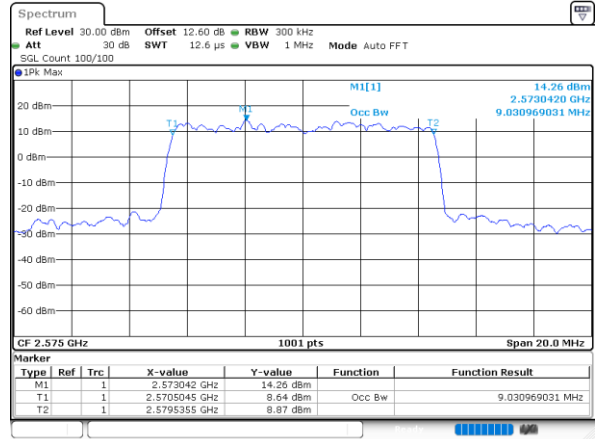


## LTE Band 38

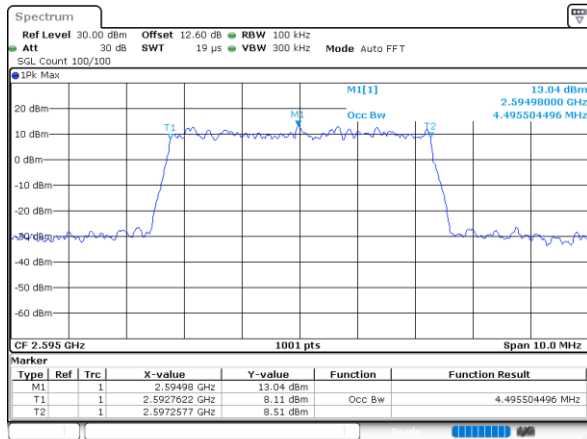
## Lowest Channel / 5MHz / 64QAM



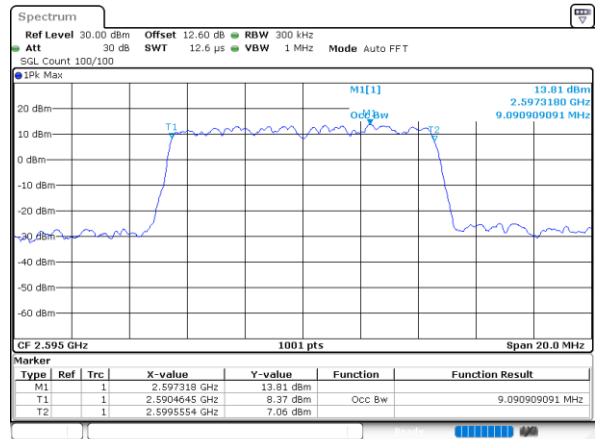
## Lowest Channel / 10MHz / 64QAM



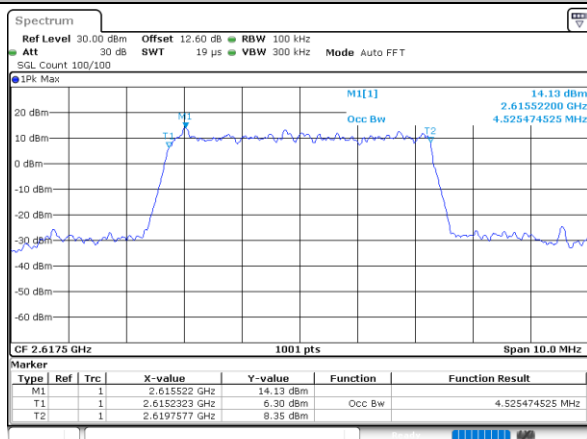
## Middle Channel / 5MHz / 64QAM



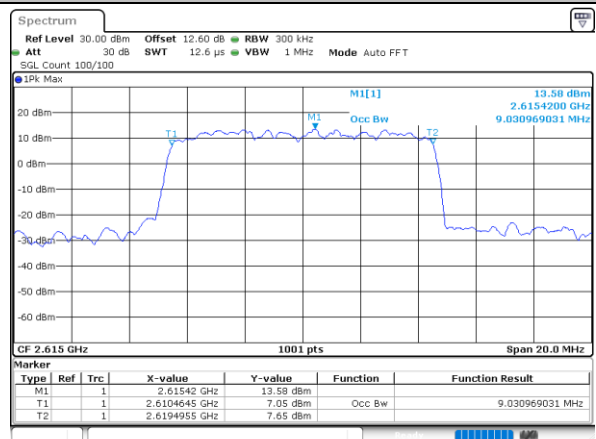
## Middle Channel / 10MHz / 64QAM



## Highest Channel / 5MHz / 64QAM



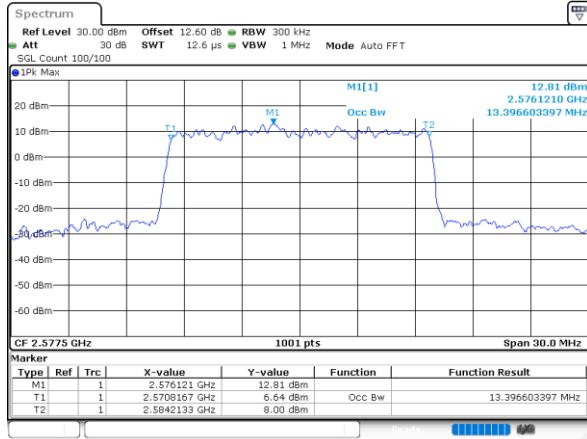
## Highest Channel / 10MHz / 64QAM





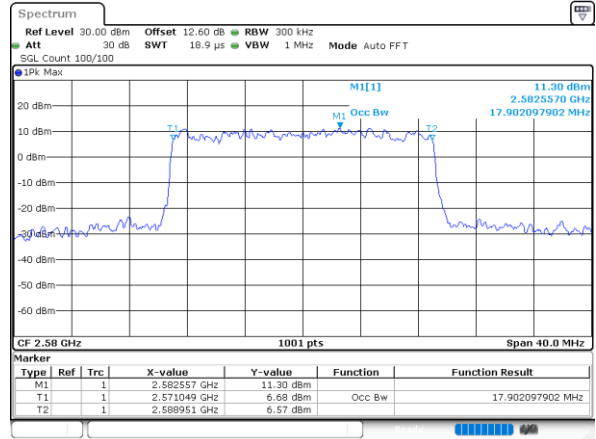
## LTE Band 38

## Lowest Channel / 15MHz / 64QAM



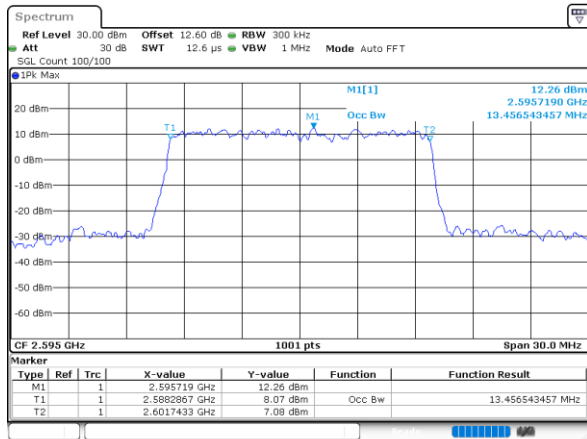
Date: 24.MAY.2020 10:38:05

## Lowest Channel / 20MHz / 64QAM



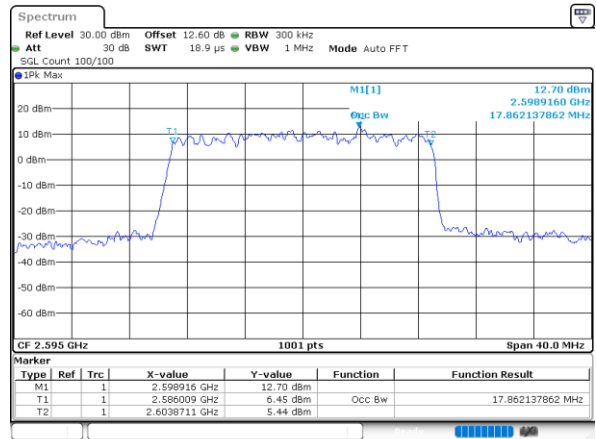
Date: 24.MAY.2020 10:39:14

## Middle Channel / 15MHz / 64QAM



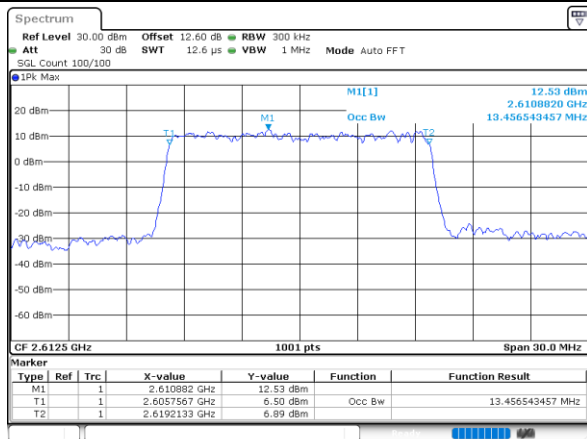
Date: 24.MAY.2020 10:38:28

## Middle Channel / 20MHz / 64QAM



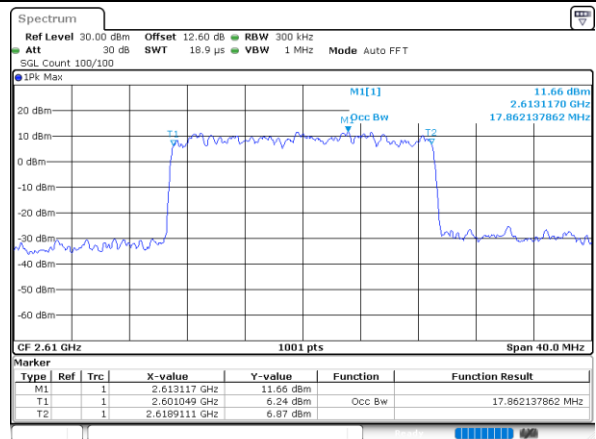
Date: 24.MAY.2020 10:39:37

## Highest Channel / 15MHz / 64QAM

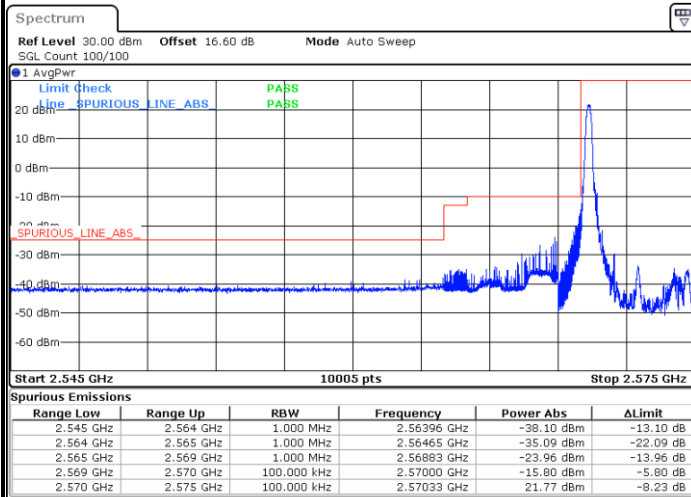
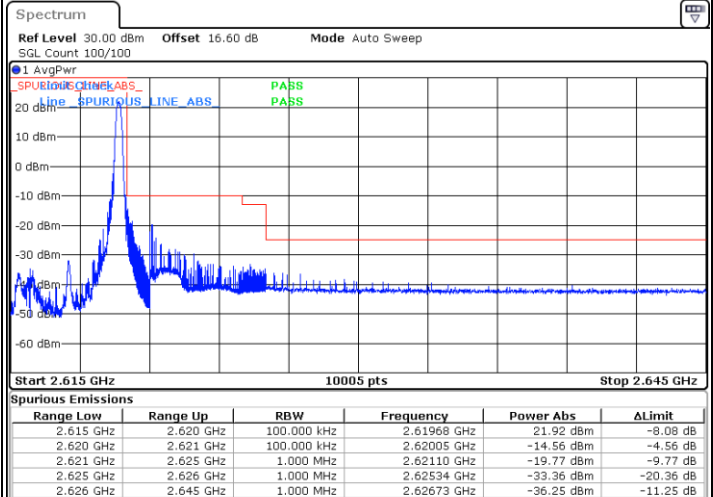
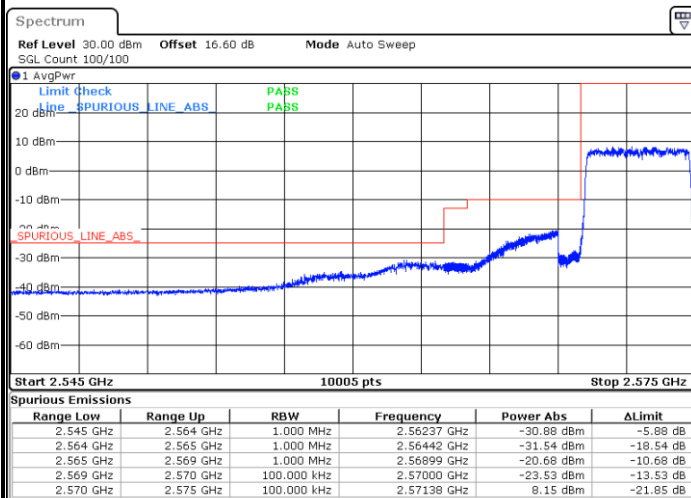
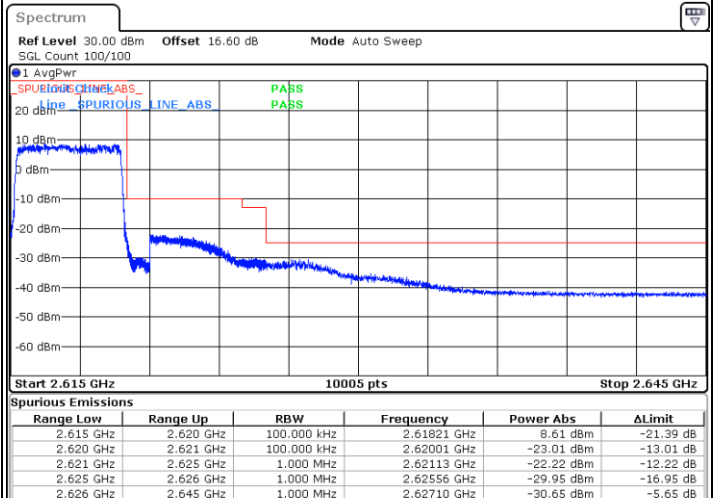


Date: 24.MAY.2020 10:38:50

## Highest Channel / 20MHz / 64QAM



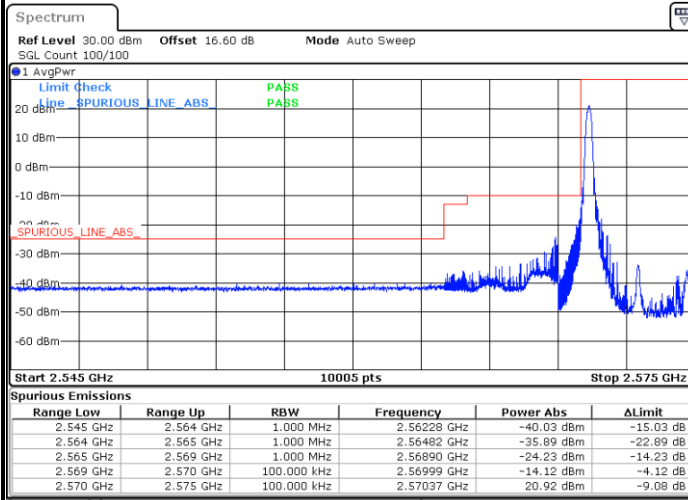
Date: 24.MAY.2020 10:40:00

**Conducted Band Edge****LTE Band 38 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

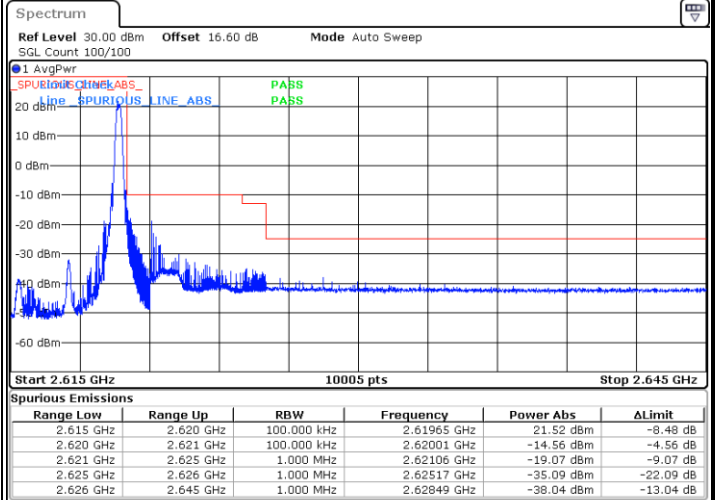


## LTE Band 38 / 5MHz / 16QAM

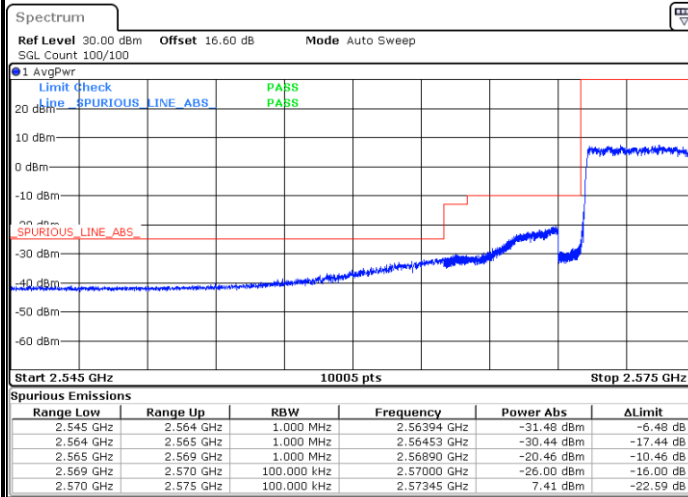
## Lowest Band Edge / 1RB



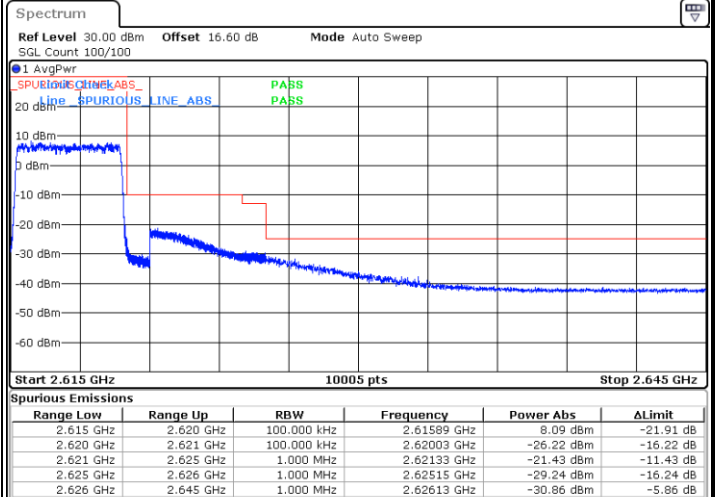
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



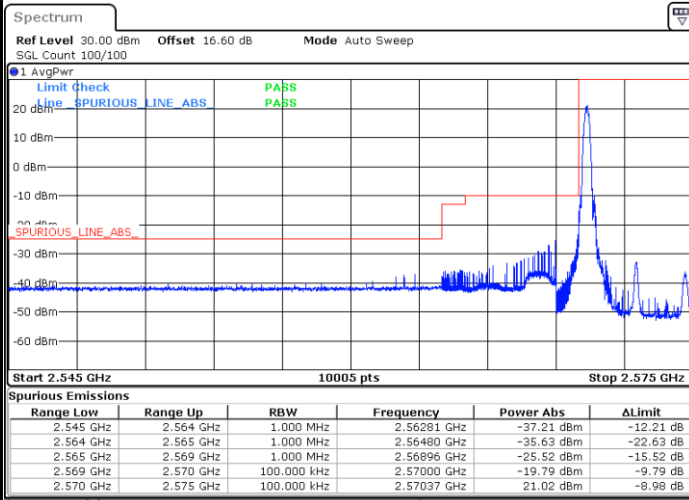
## Highest Band Edge / Full RB



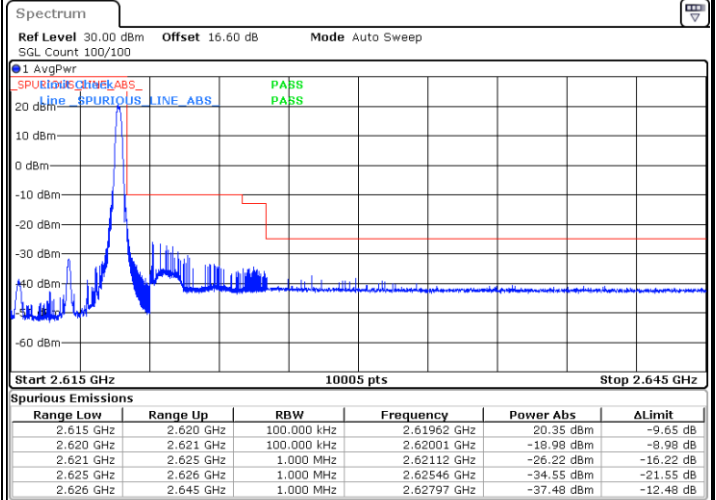


## LTE Band 38 / 5MHz / 64QAM

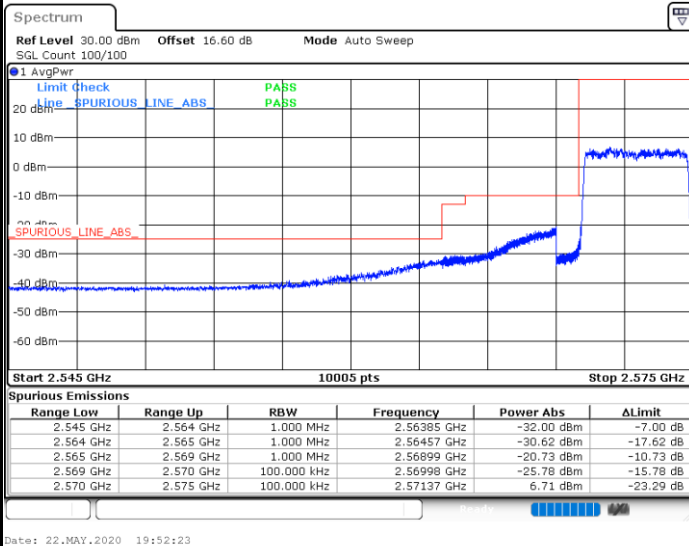
## Lowest Band Edge / 1RB



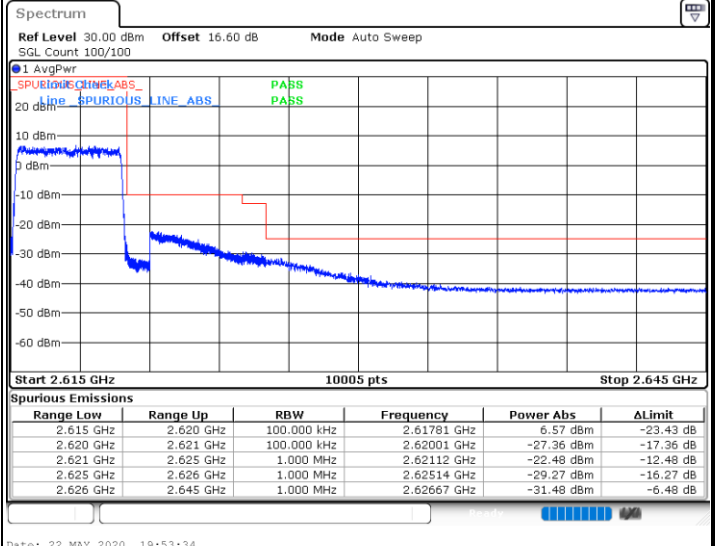
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



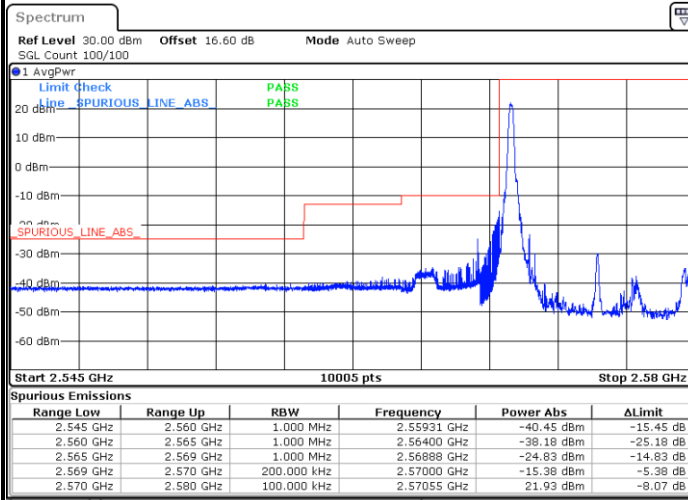
## Highest Band Edge / Full RB



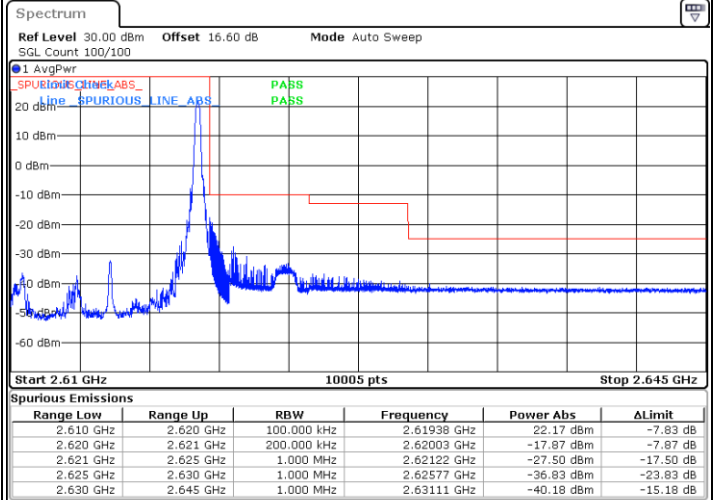


## LTE Band 38 / 10MHz / QPSK

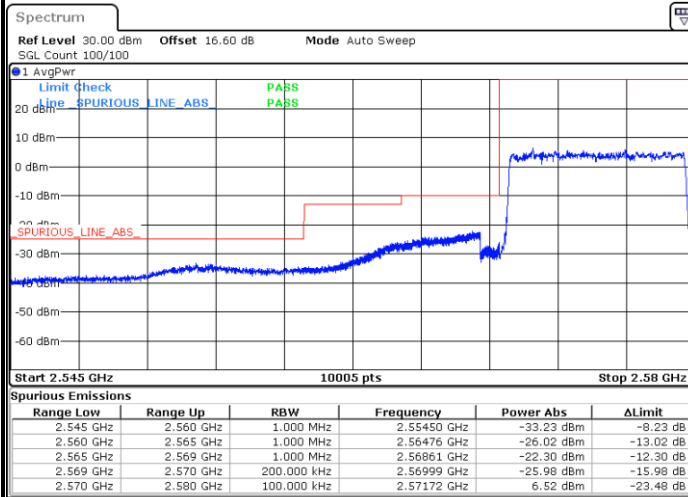
## Lowest Band Edge / 1 RB



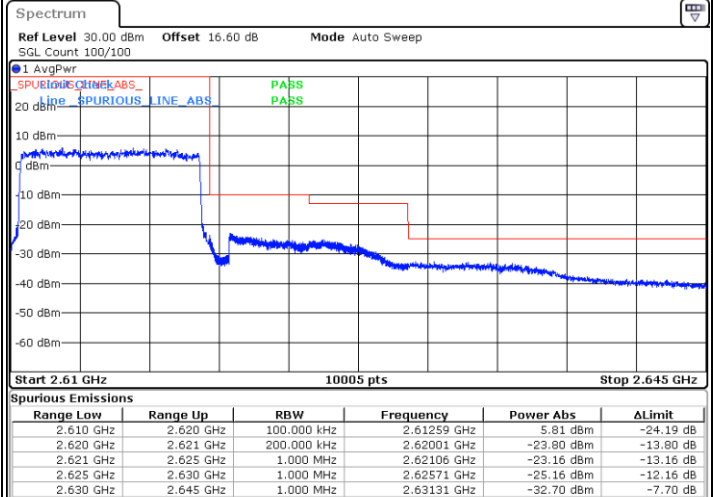
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



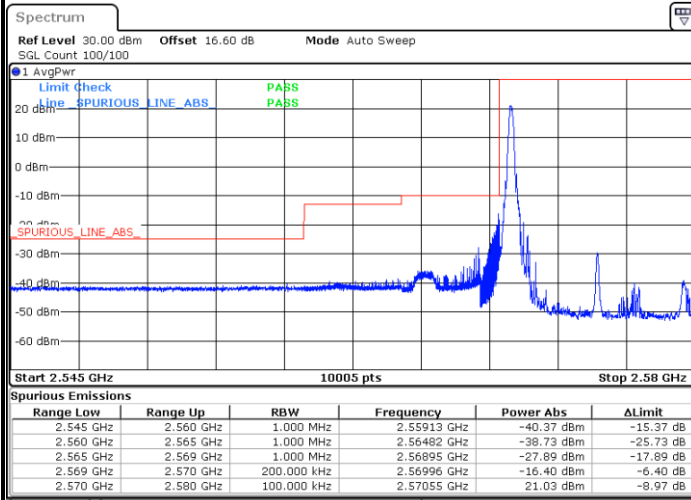
## Highest Band Edge / Full RB



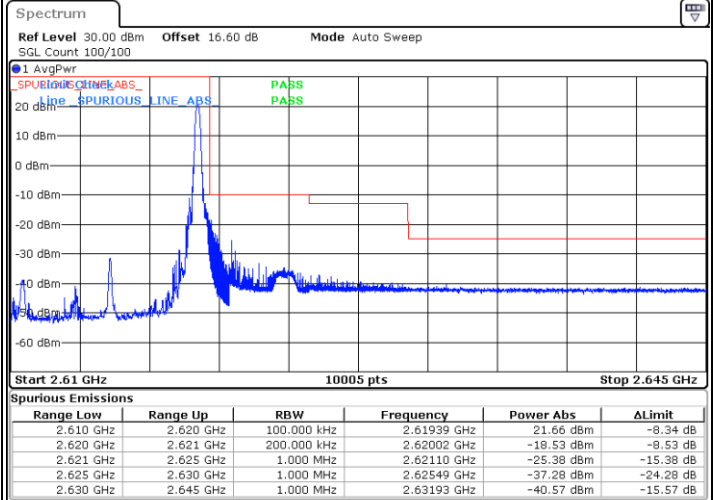


## LTE Band 38 / 10MHz / 16QAM

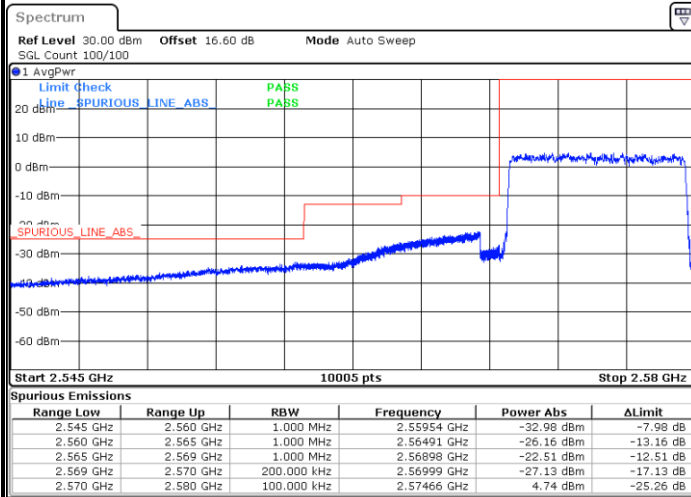
## Lowest Band Edge / 1 RB



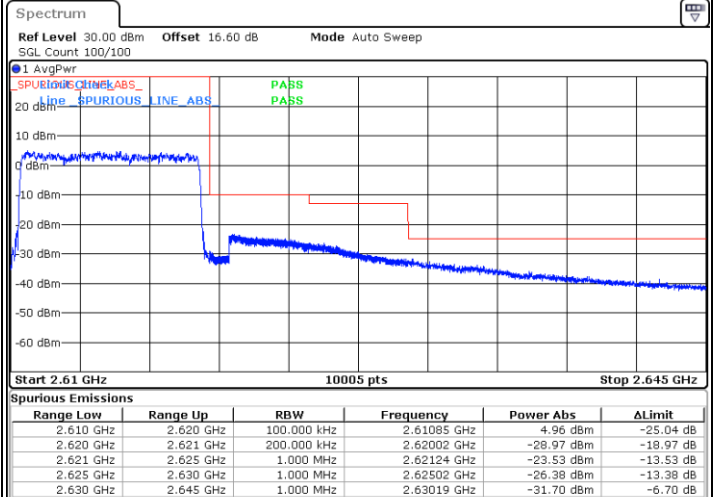
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



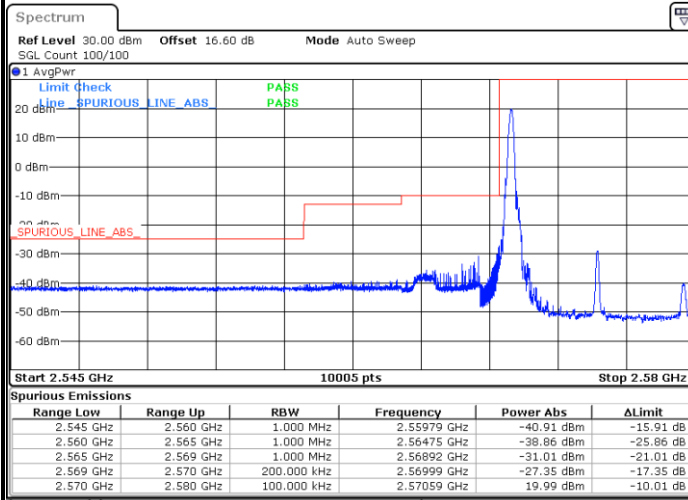
## Highest Band Edge / Full RB



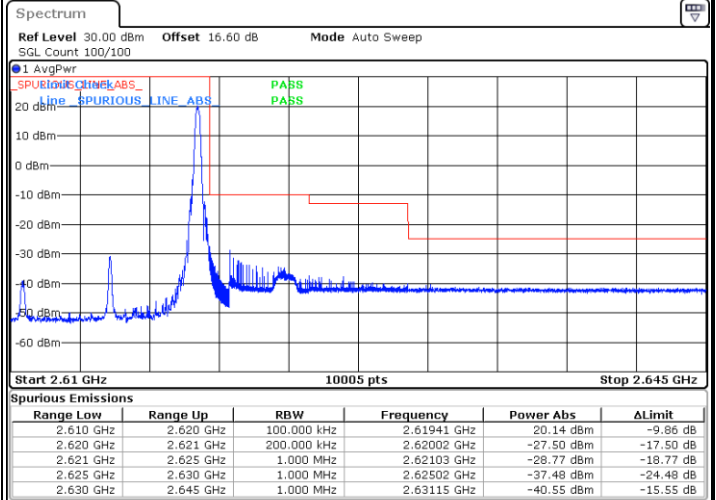


## LTE Band 38 / 10MHz / 64QAM

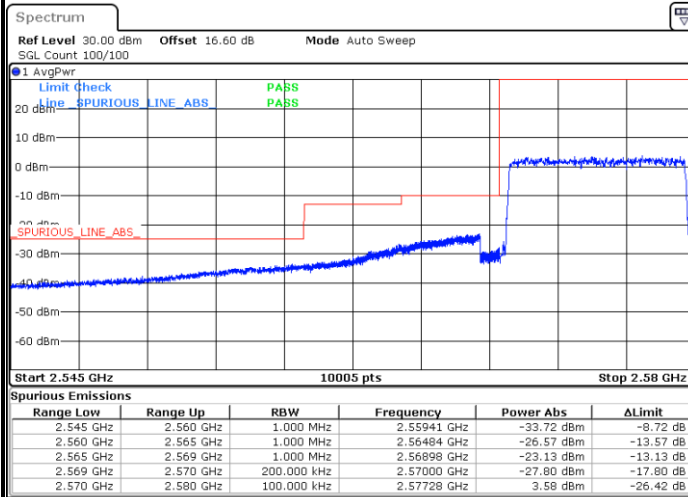
## Lowest Band Edge / 1 RB



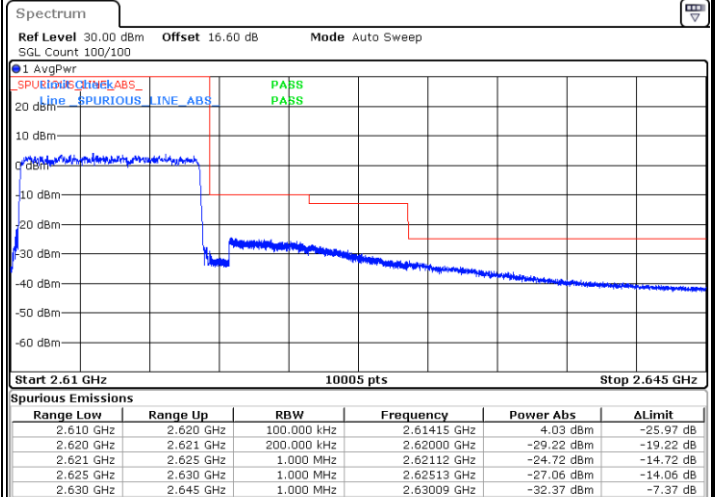
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



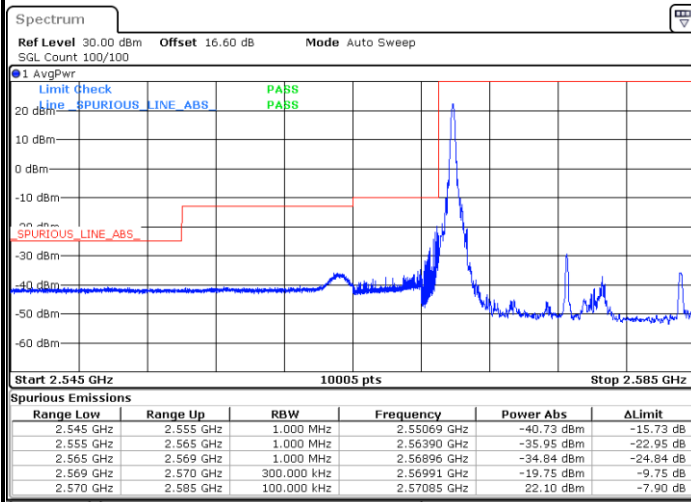
## Highest Band Edge / Full RB



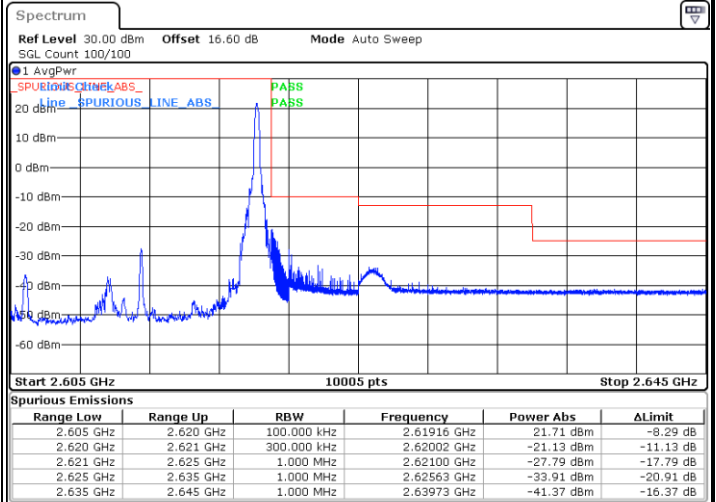


## LTE Band 38 / 15MHz / QPSK

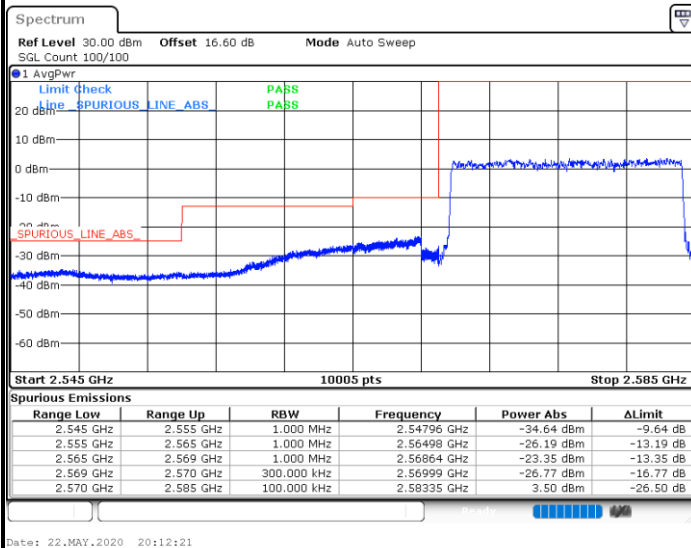
## Lowest Band Edge / 1 RB



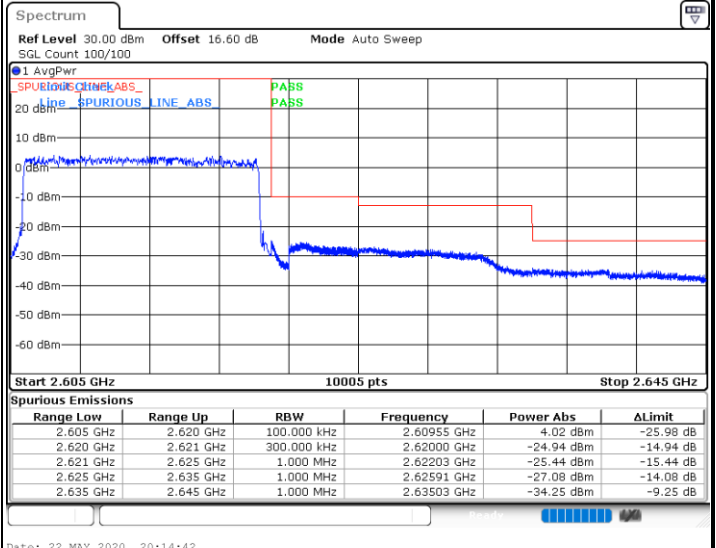
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



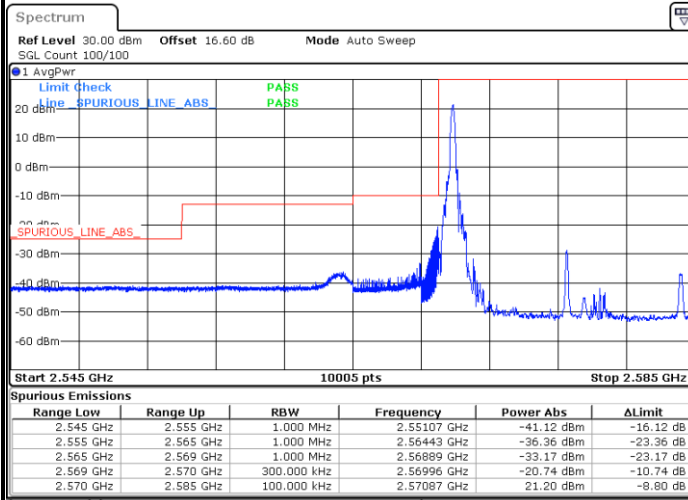
## Highest Band Edge / Full RB



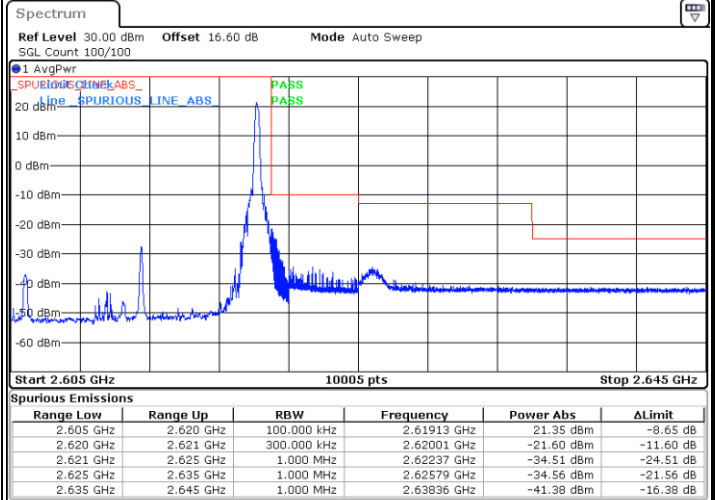


## LTE Band 38 / 15MHz / 16QAM

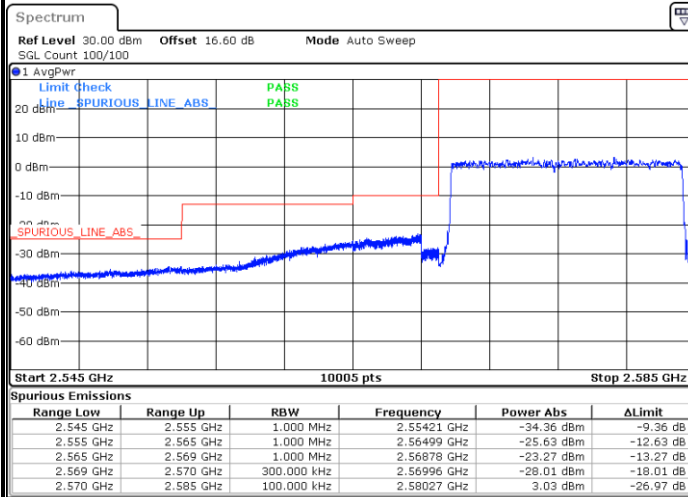
## Lowest Band Edge / 1 RB



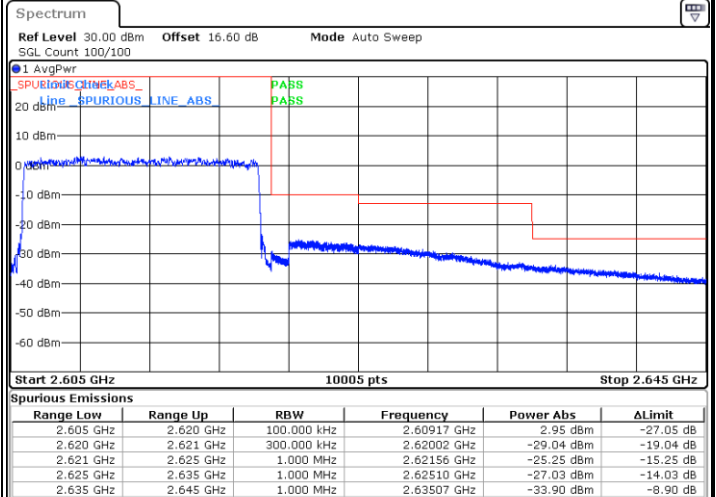
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



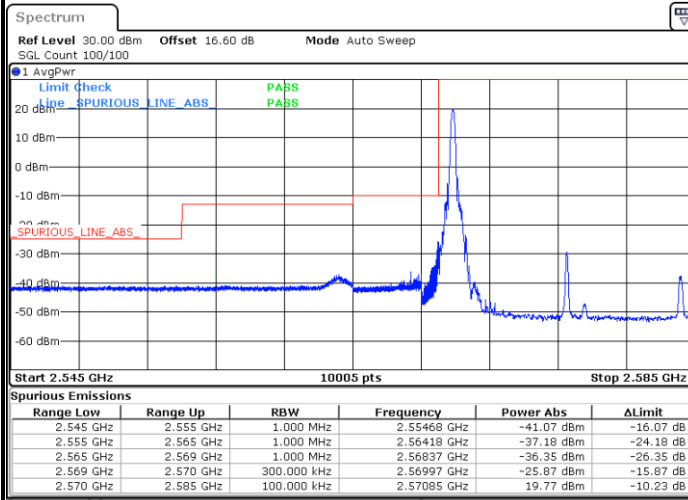
## Highest Band Edge / Full RB



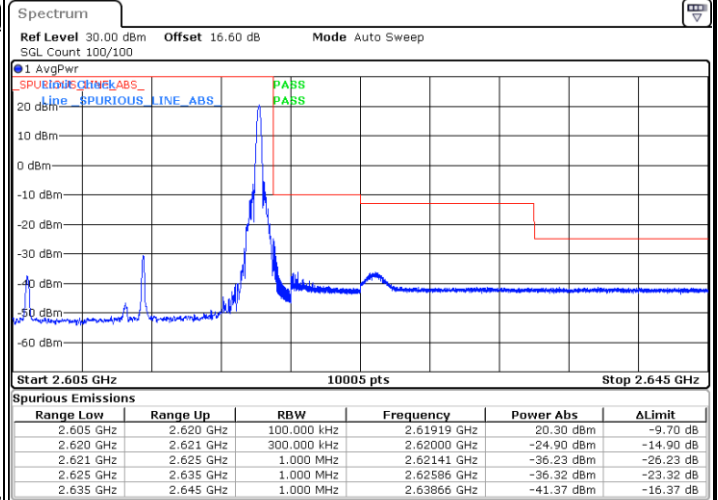


## LTE Band 38 / 15MHz / 64QAM

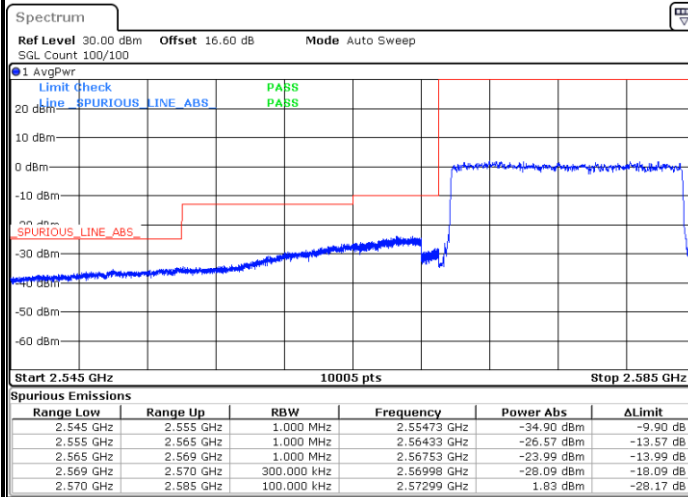
## Lowest Band Edge / 1 RB



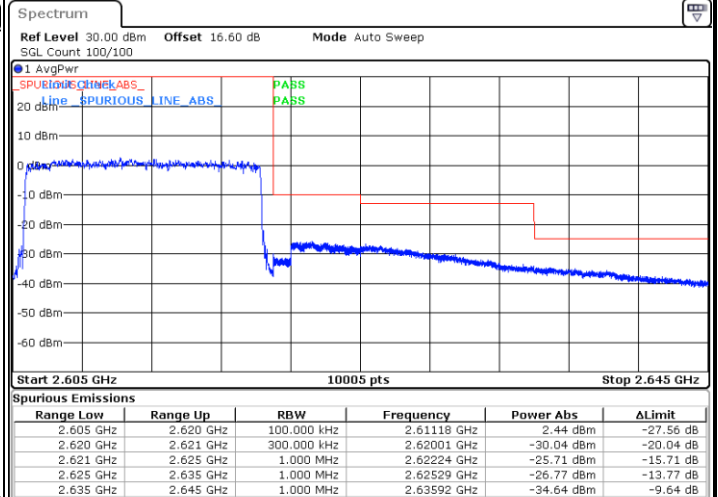
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



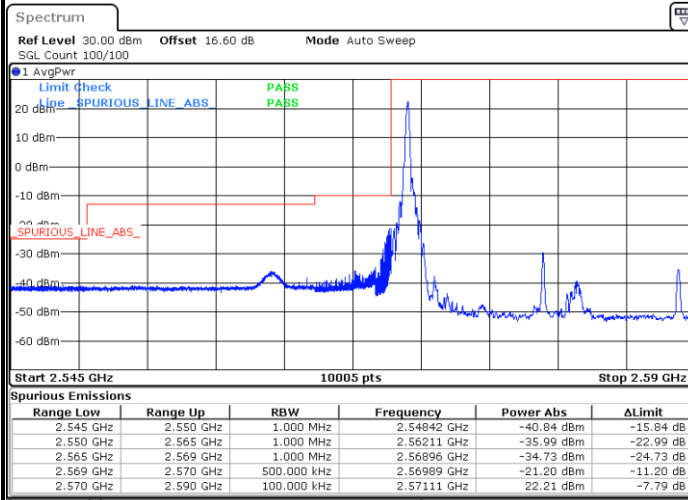
## Highest Band Edge / Full RB



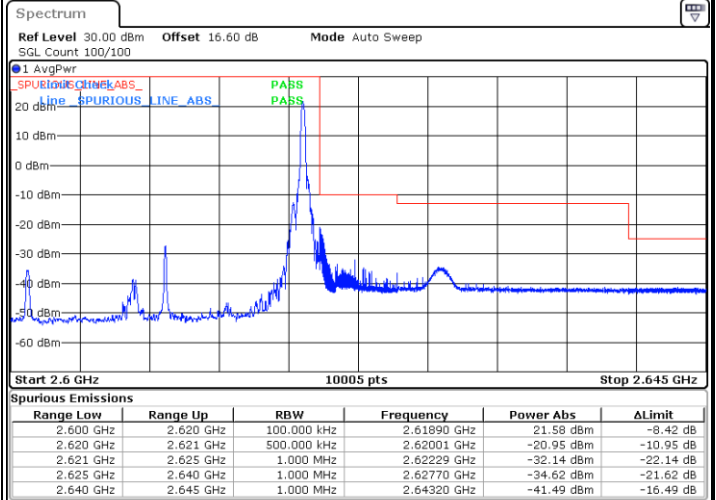


## LTE Band 38 / 20MHz / QPSK

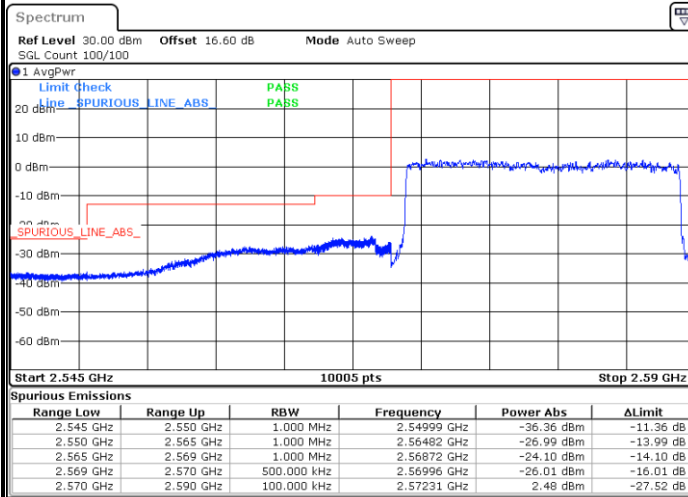
## Lowest Band Edge / 1 RB



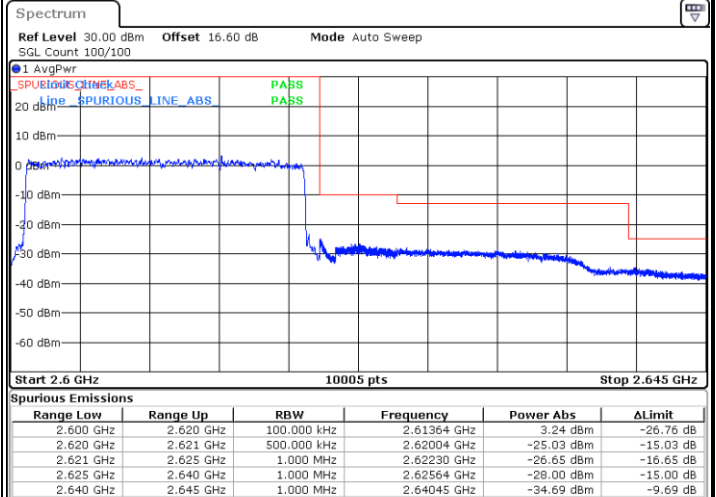
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



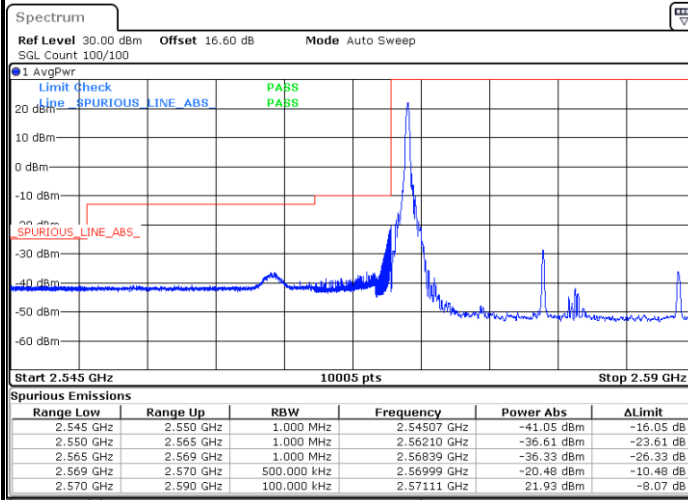
## Highest Band Edge / Full RB



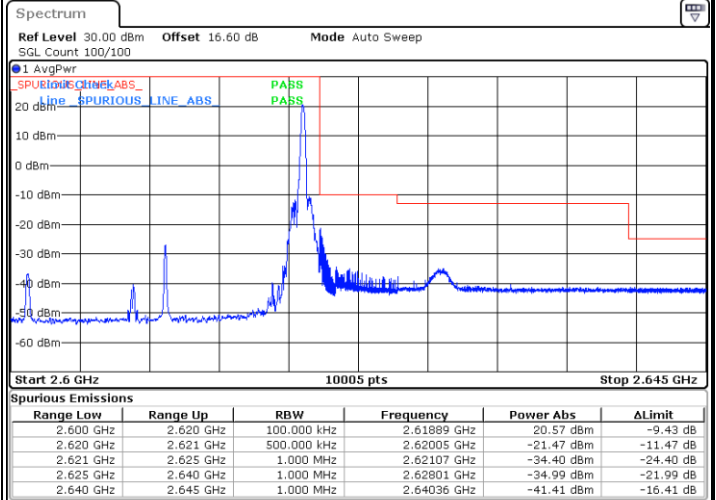


## LTE Band 38 / 20MHz / 16QAM

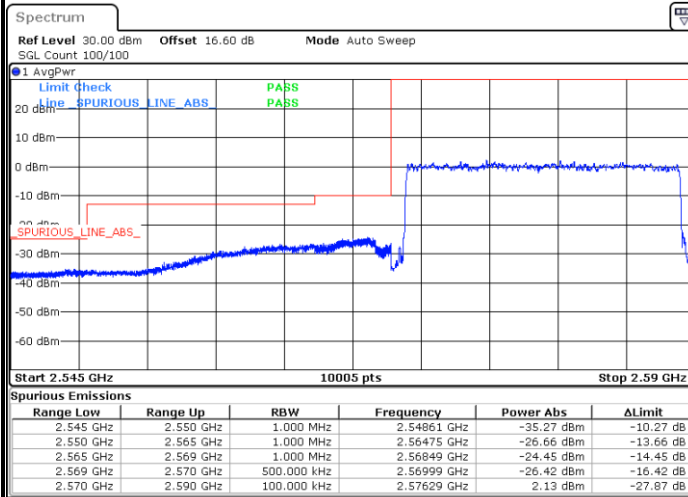
## Lowest Band Edge / 1 RB



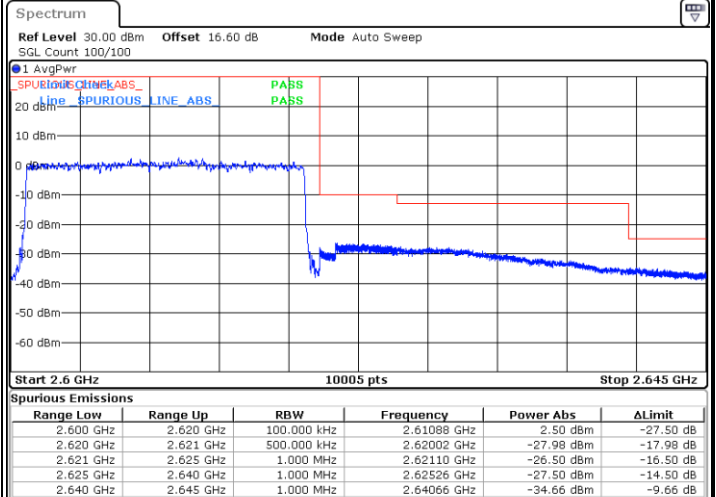
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



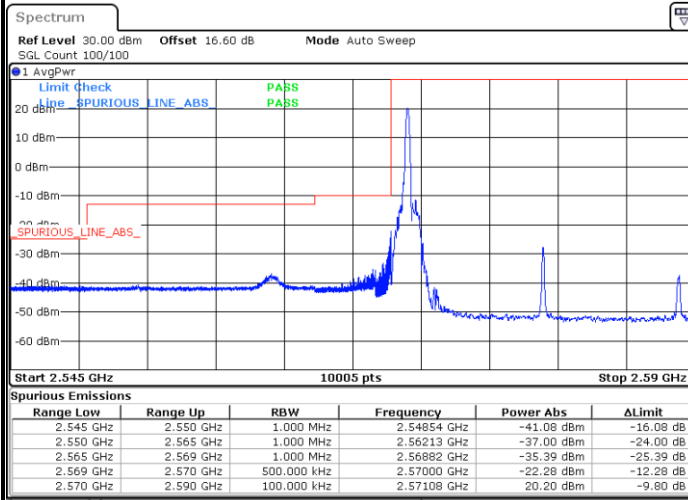
## Highest Band Edge / Full RB



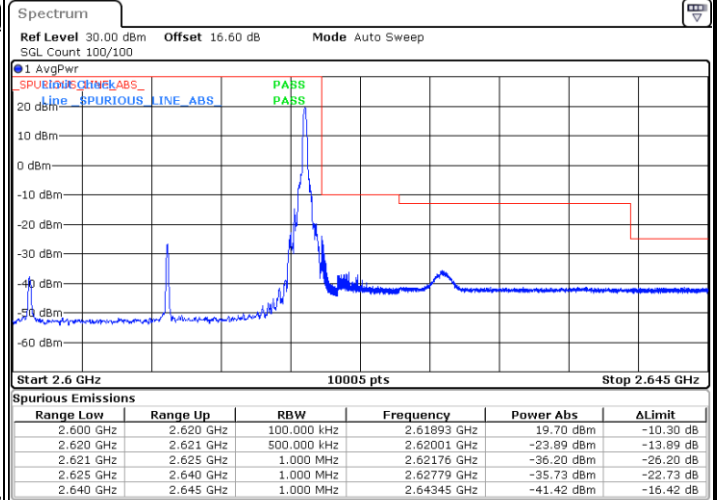


## LTE Band 38 / 20MHz / 64QAM

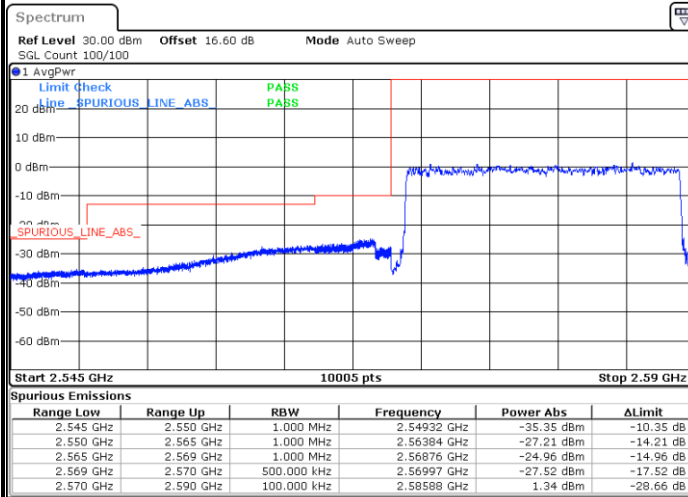
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

