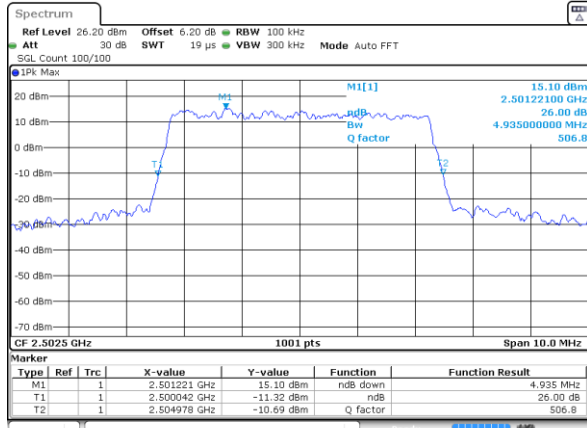




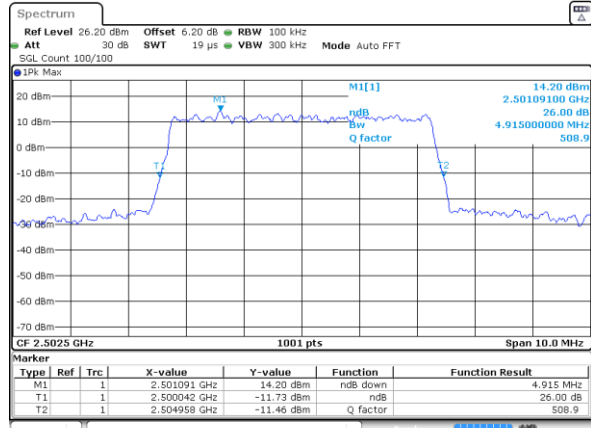
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



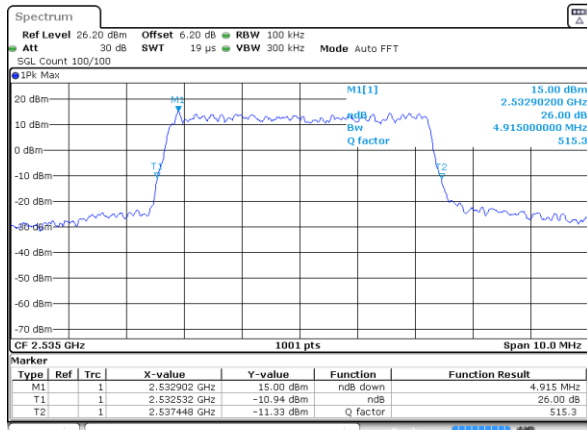
Date: 8 NOV 2019 10:05:23

## Lowest Channel / 5MHz / 16QAM



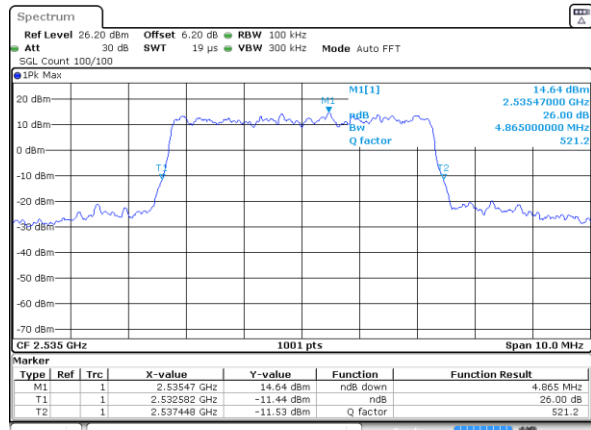
Date: 8 NOV 2019 10:05:43

## Middle Channel / 5MHz / QPSK



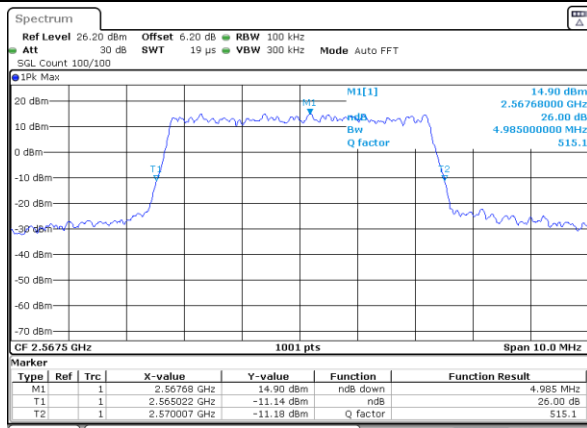
Date: 8 NOV 2019 10:06:23

## Middle Channel / 5MHz / 16QAM



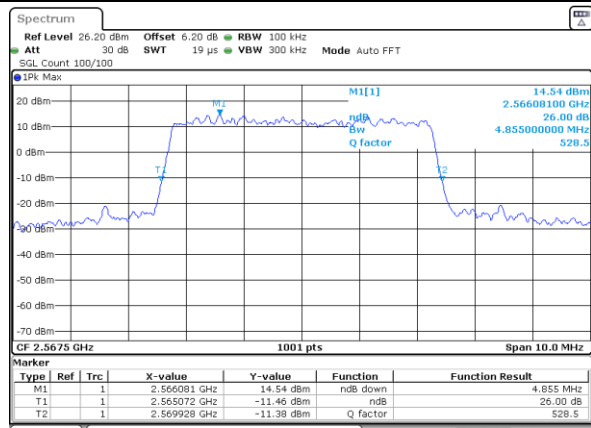
Date: 8 NOV 2019 10:06:03

## Highest Channel / 5MHz / QPSK



Date: 8 NOV 2019 10:06:44

## Highest Channel / 5MHz / 16QAM

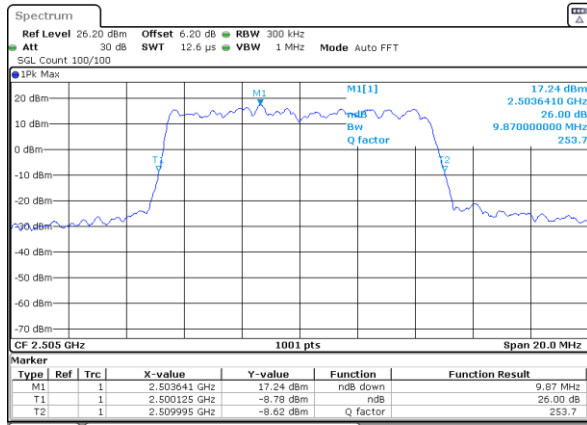


Date: 8 NOV 2019 10:07:04



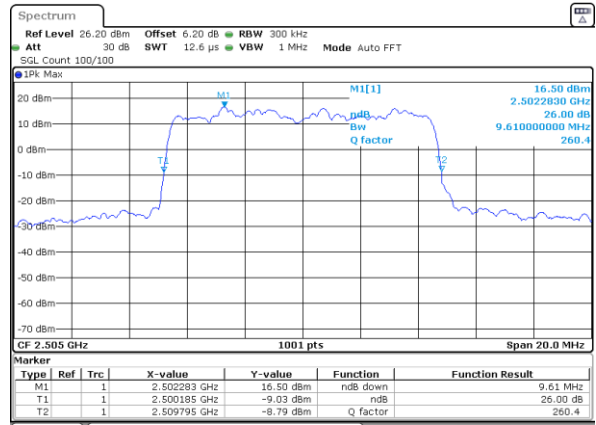
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



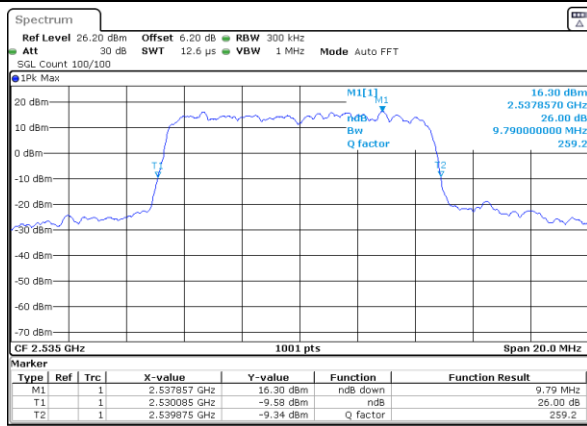
Date: 8 NOV 2019 10:29:58

## Lowest Channel / 10MHz / 16QAM



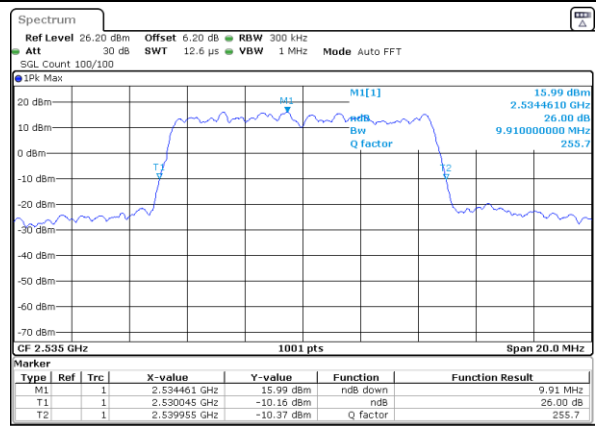
Date: 8 NOV 2019 10:30:18

## Middle Channel / 10MHz / QPSK



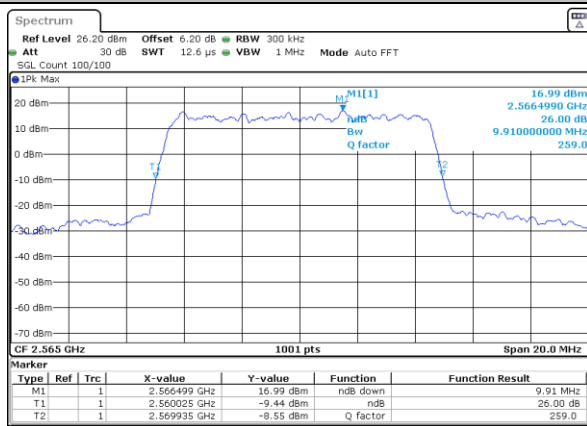
Date: 8 NOV 2019 10:30:58

## Middle Channel / 10MHz / 16QAM



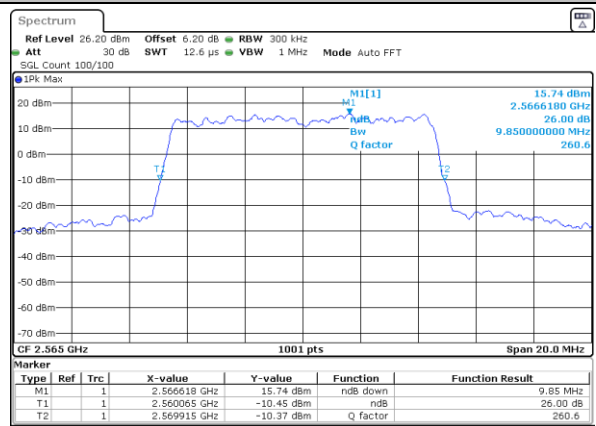
Date: 8 NOV 2019 10:30:38

## Highest Channel / 10MHz / QPSK



Date: 8 NOV 2019 10:31:18

## Highest Channel / 10MHz / 16QAM

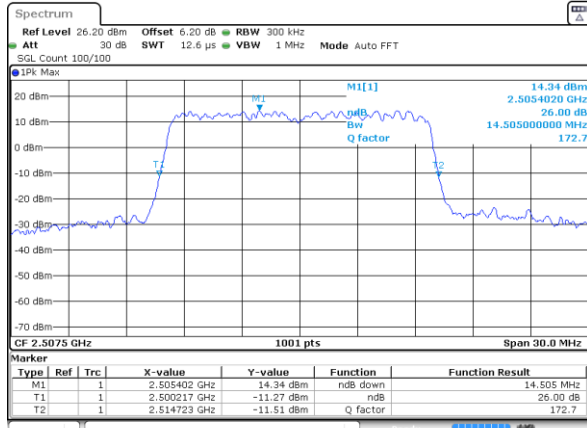


Date: 8 NOV 2019 10:31:38



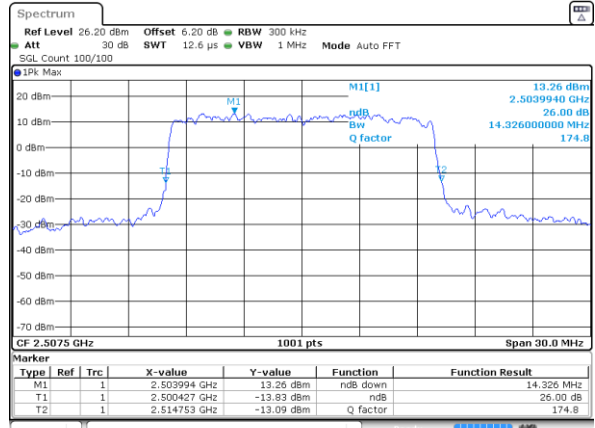
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



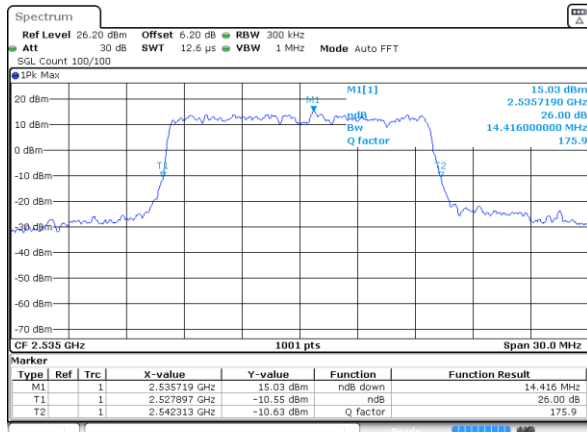
Date: 8 NOV 2019 10:47:13

## Lowest Channel / 15MHz / 16QAM



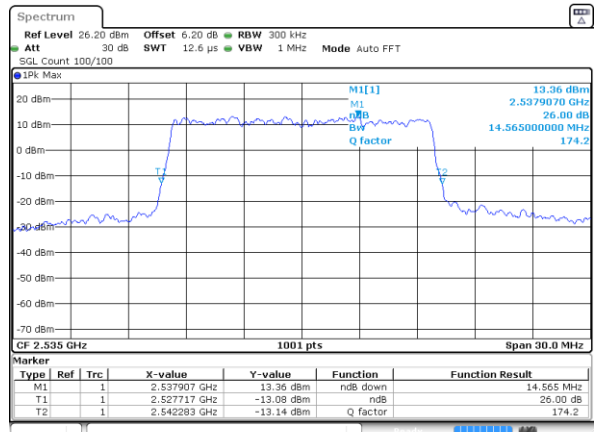
Date: 8 NOV 2019 10:46:53

## Middle Channel / 15MHz / QPSK



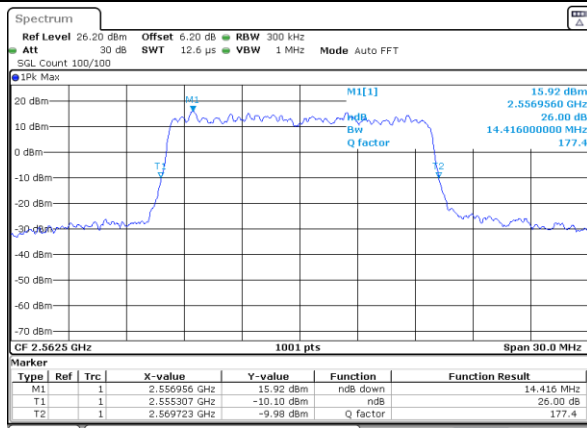
Date: 8 NOV 2019 10:47:34

## Middle Channel / 15MHz / 16QAM



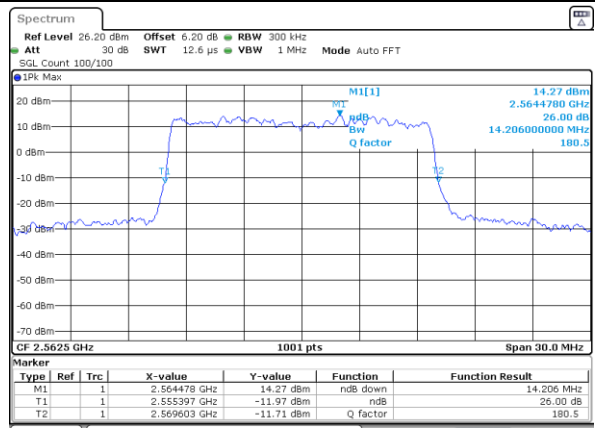
Date: 8 NOV 2019 10:47:54

## Highest Channel / 15MHz / QPSK



Date: 8 NOV 2019 10:48:34

## Highest Channel / 15MHz / 16QAM

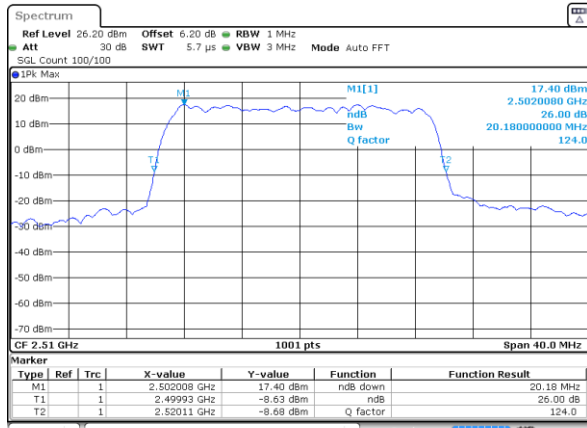


Date: 8 NOV 2019 10:48:14



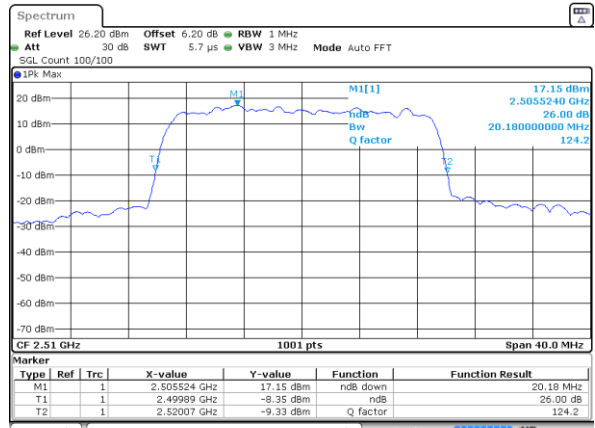
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



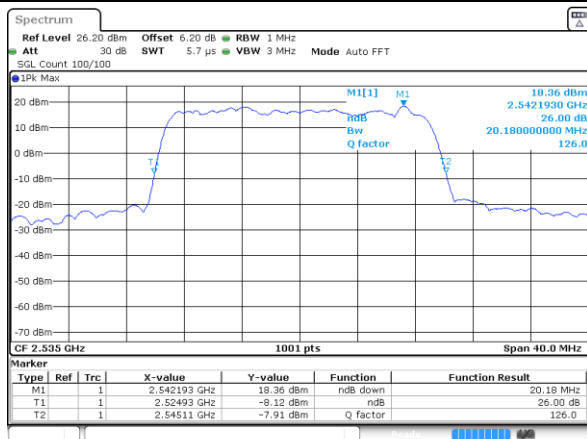
Date: 8 NOV 2019 11:03:41

## Lowest Channel / 20MHz / 16QAM



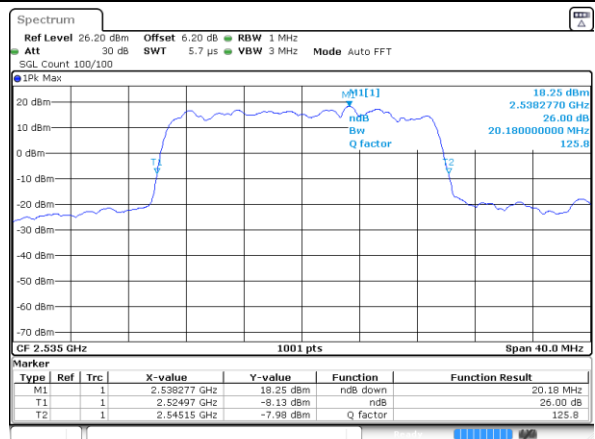
Date: 8 NOV 2019 11:03:21

## Middle Channel / 20MHz / QPSK



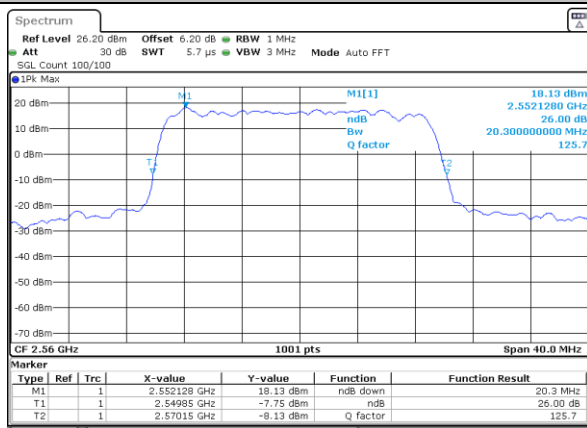
Date: 8 NOV 2019 11:04:01

## Middle Channel / 20MHz / 16QAM



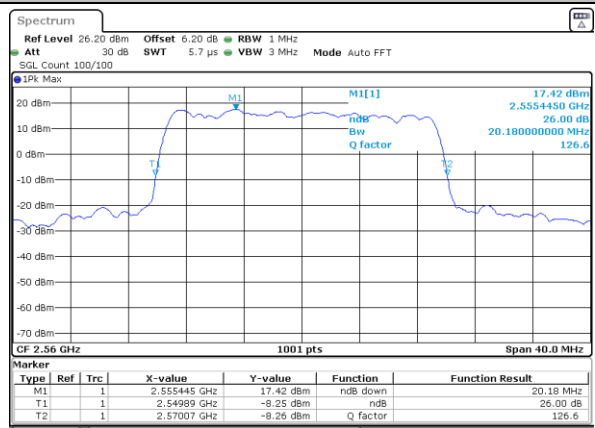
Date: 8 NOV 2019 11:04:22

## Highest Channel / 20MHz / QPSK



Date: 8 NOV 2019 11:05:02

## Highest Channel / 20MHz / 16QAM

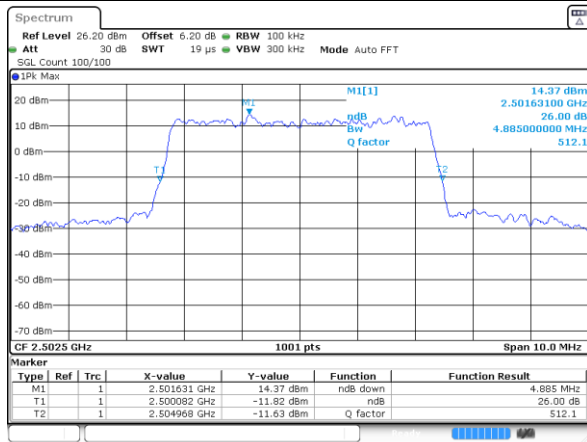


Date: 8 NOV 2019 11:04:42



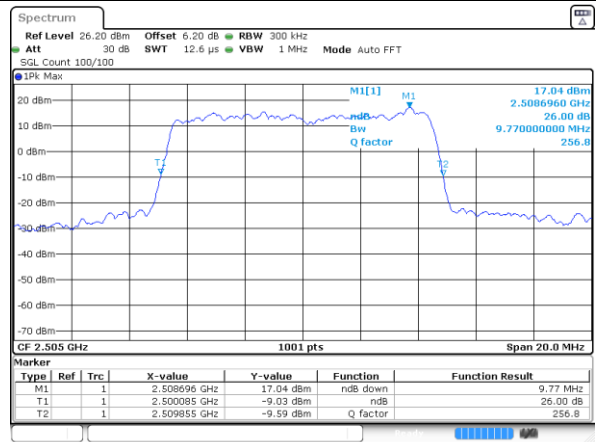
## LTE Band 7

## Lowest Channel / 5MHz / 64QAM



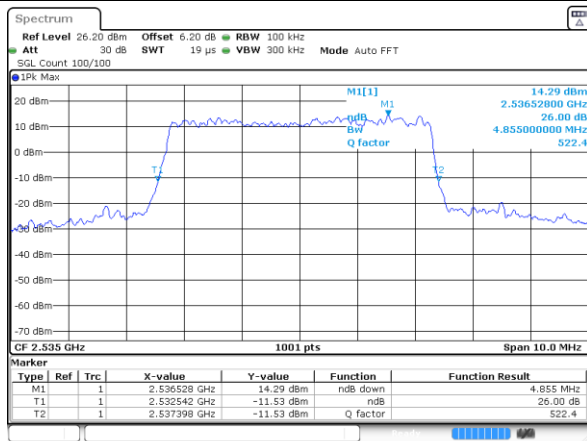
Date: 8 NOV 2019 11:22:22

## Lowest Channel / 10MHz / 64QAM



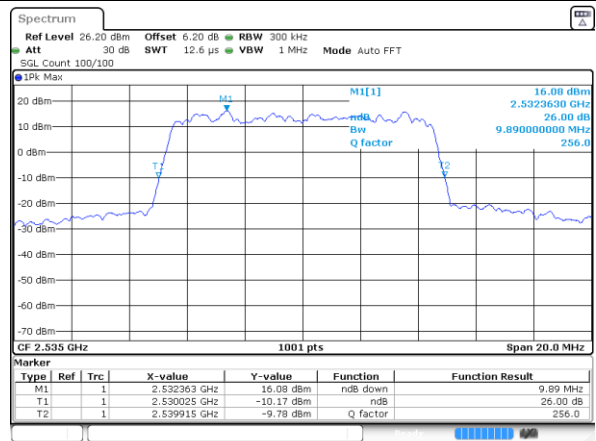
Date: 8 NOV 2019 11:28:20

## Middle Channel / 5MHz / 64QAM



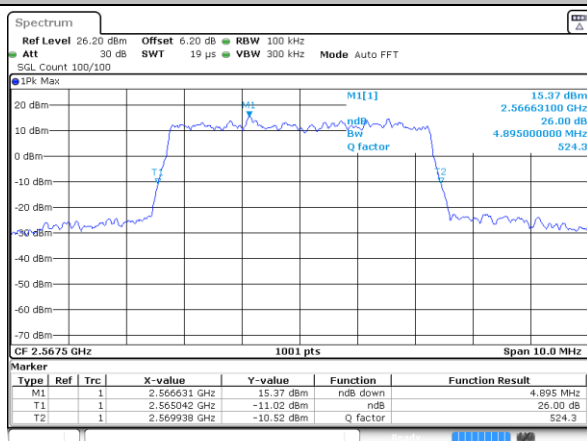
Date: 8 NOV 2019 11:22:32

## Middle Channel / 10MHz / 64QAM



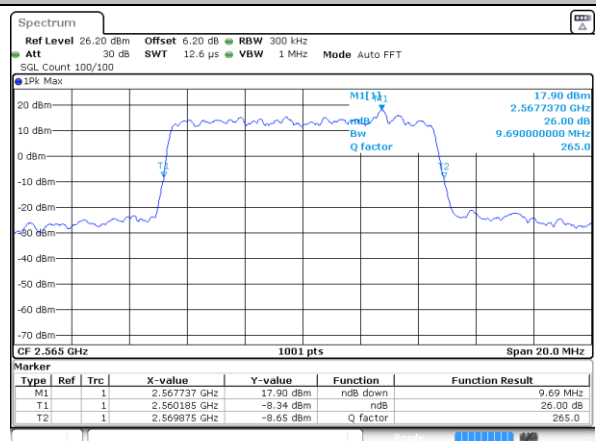
Date: 8 NOV 2019 11:28:30

## Highest Channel / 5MHz / 64QAM



Date: 8 NOV 2019 11:22:42

## Highest Channel / 10MHz / 64QAM

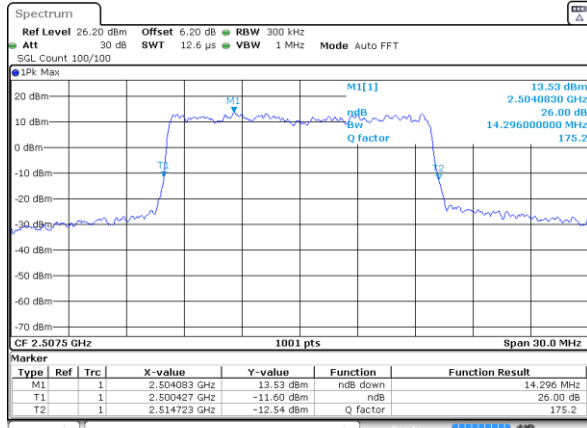


Date: 8 NOV 2019 11:28:40



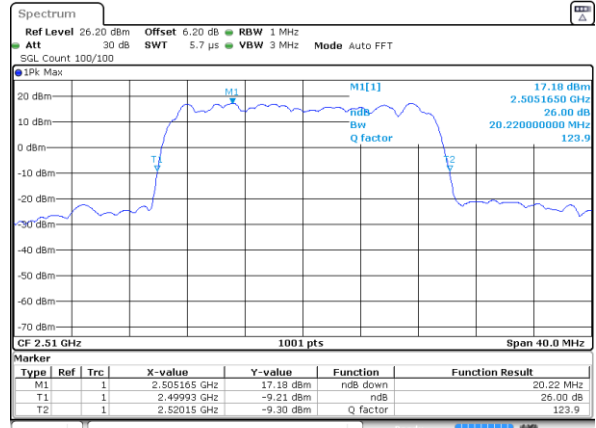
## LTE Band 7

## Lowest Channel / 15MHz / 64QAM



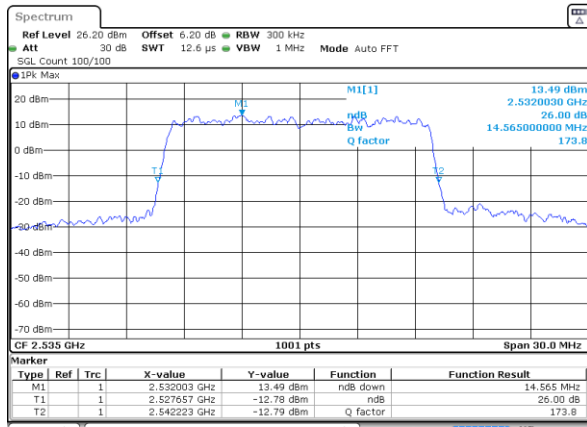
Date: 8 NOV 2019 11:34:18

## Lowest Channel / 20MHz / 64QAM



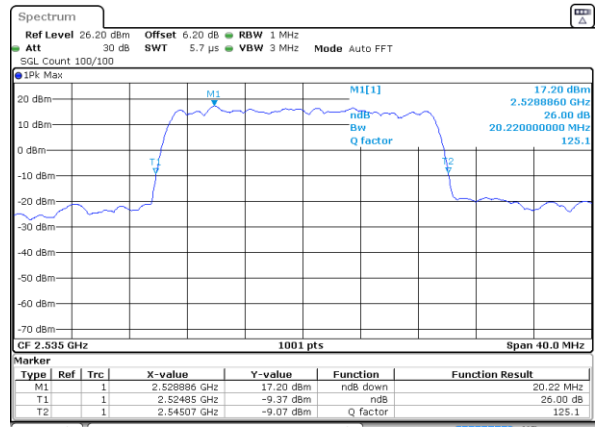
Date: 8 NOV 2019 11:40:16

## Middle Channel / 15MHz / 64QAM



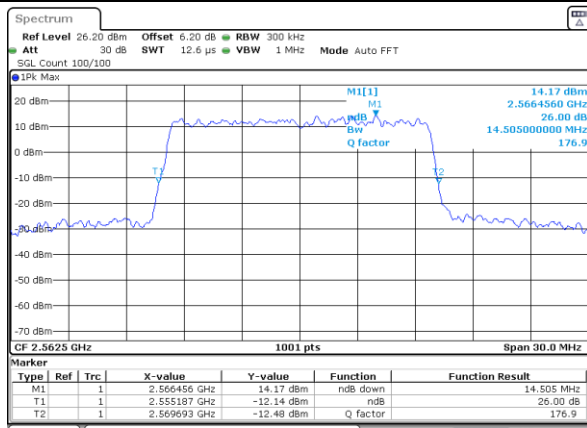
Date: 8 NOV 2019 11:34:28

## Middle Channel / 20MHz / 64QAM



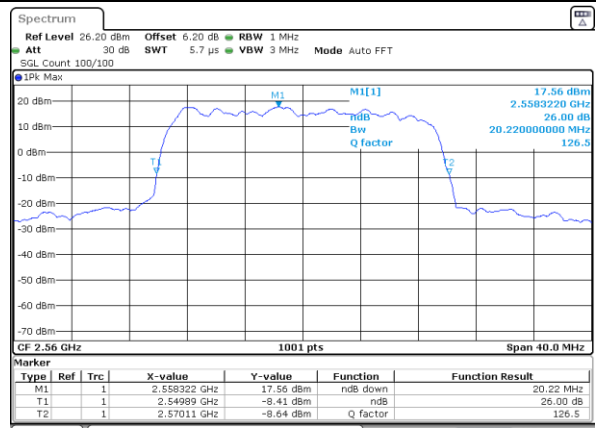
Date: 8 NOV 2019 11:40:26

## Highest Channel / 15MHz / 64QAM



Date: 8 NOV 2019 11:34:38

## Highest Channel / 20MHz / 64QAM



Date: 8 NOV 2019 11:40:36

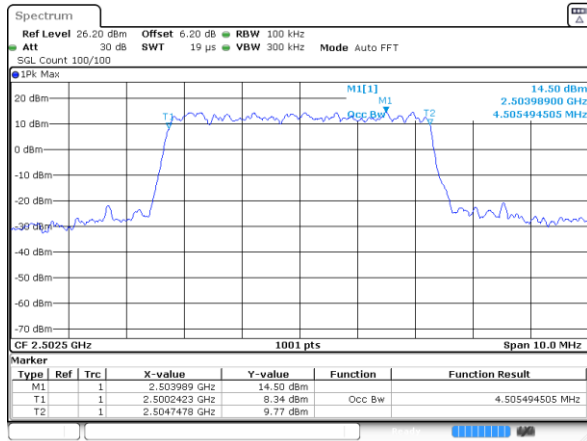
**Occupied Bandwidth**

| 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  |                          |       |      |       | 4.505 | 4.505 | 8.991 | 9.071 | 13.337 | 13.487 | 18.422 | 18.422 |
| Middle CH  |                          |       |      |       | 4.486 | 4.486 | 9.111 | 9.031 | 13.427 | 13.427 | 18.422 | 18.222 |
| Highest CH |                          |       |      |       | 4.486 | 4.496 | 9.051 | 9.031 | 13.457 | 13.427 | 18.342 | 18.302 |
| BW         | 1.4MHz                   |       | 3MHz |       | 5MHz  |       | 10MHz |       | 15MHz  |        | 20MHz  |        |
| Mod.       | QPSK                     | 16QAM | QPSK | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  | QPSK   | 16QAM  |
| Lowest CH  |                          |       |      |       | 4.496 |       | 8.991 |       | 13.427 |        | 18.302 |        |
| Middle CH  |                          |       |      |       | 4.515 |       | 9.071 |       | 13.397 |        | 18.422 |        |
| Highest CH |                          |       |      |       | 4.486 |       | 9.071 |       | 13.397 |        | 18.342 |        |

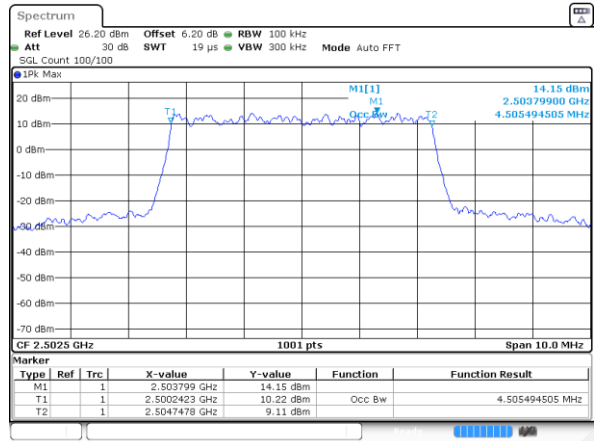


## LTE Band 7

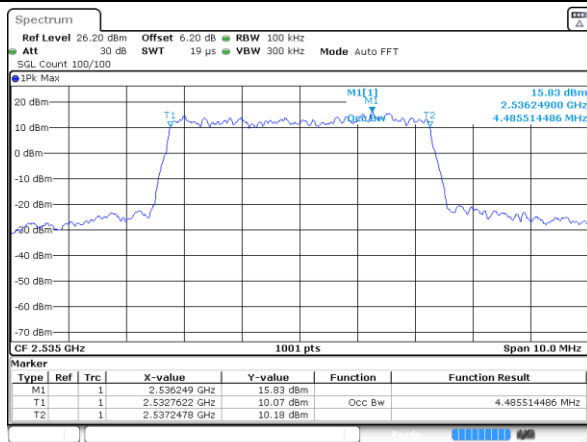
## Lowest Channel / 5MHz / QPSK



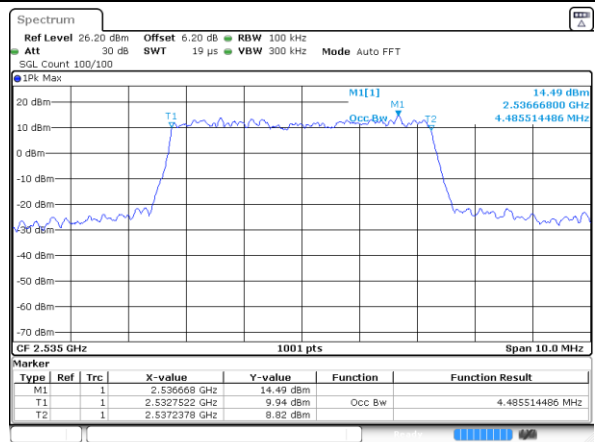
## Lowest Channel / 5MHz / 16QAM



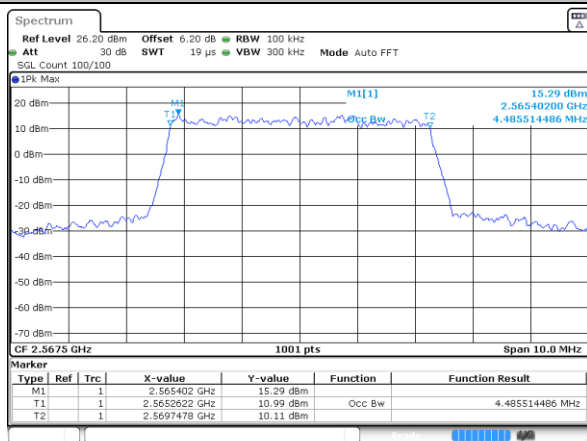
## Middle Channel / 5MHz / QPSK



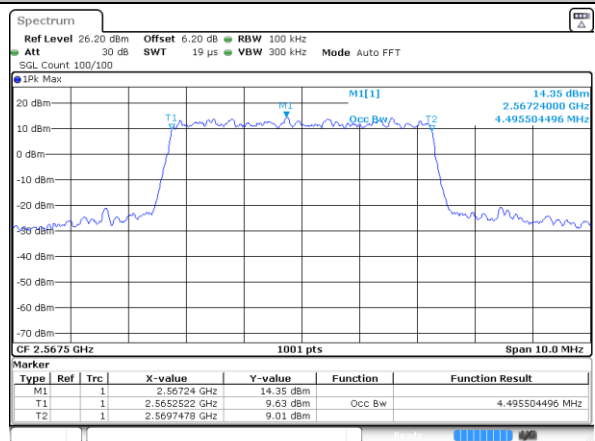
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



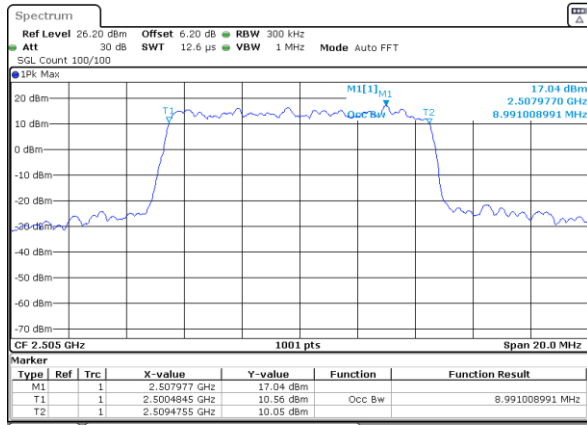
## Highest Channel / 5MHz / 16QAM





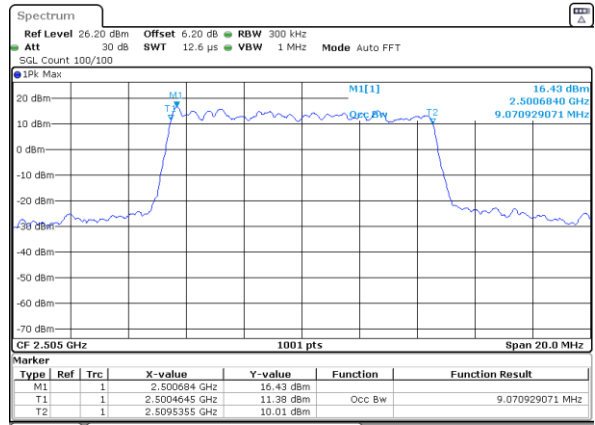
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



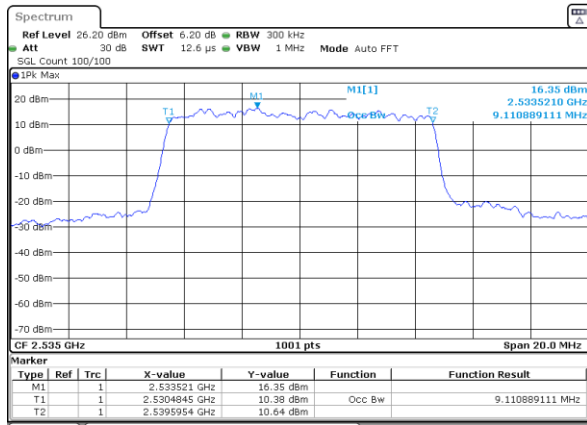
Date: 8 NOV 2019 10:29:47

## Lowest Channel / 10MHz / 16QAM



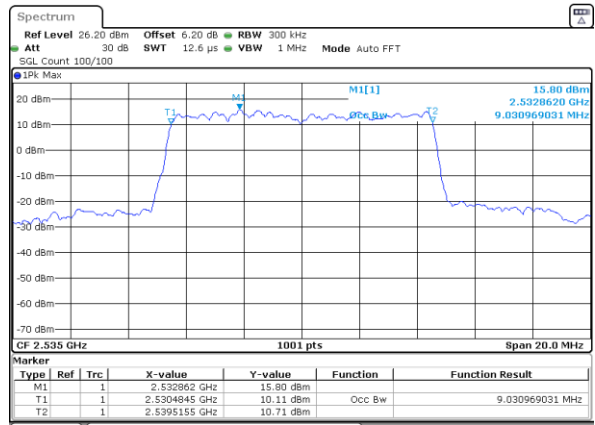
Date: 8 NOV 2019 10:30:08

## Middle Channel / 10MHz / QPSK



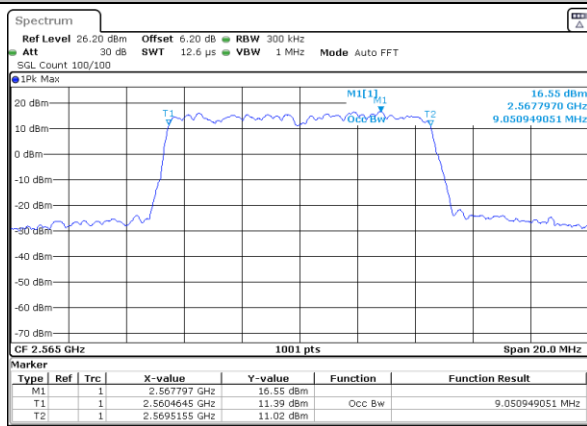
Date: 8 NOV 2019 10:30:48

## Middle Channel / 10MHz / 16QAM



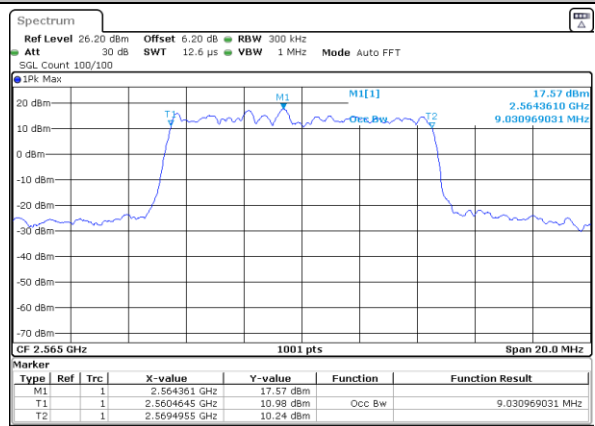
Date: 8 NOV 2019 10:30:28

## Highest Channel / 10MHz / QPSK



Date: 8 NOV 2019 10:31:08

## Highest Channel / 10MHz / 16QAM

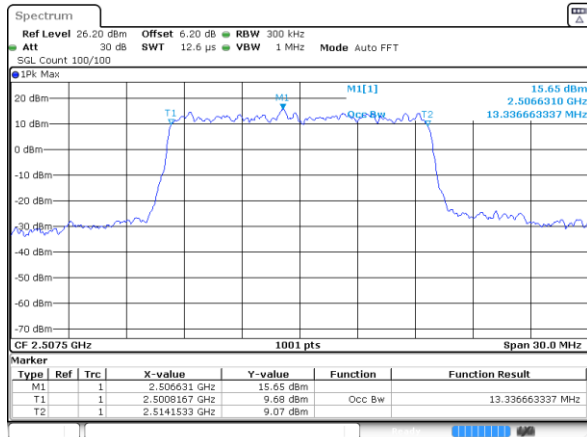


Date: 8 NOV 2019 10:31:28

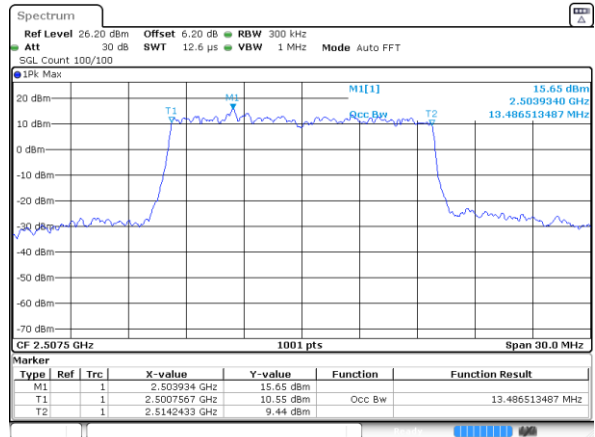


## LTE Band 7

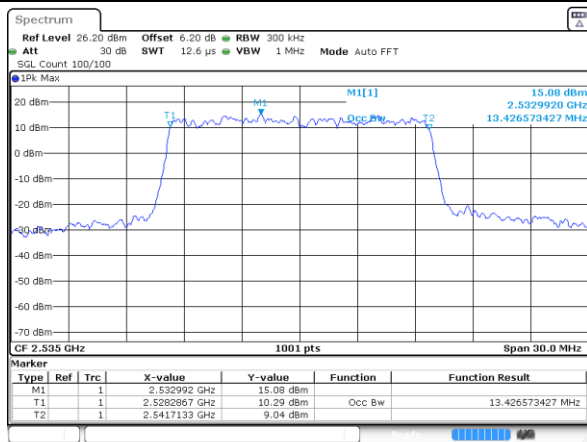
## Lowest Channel / 15MHz / QPSK



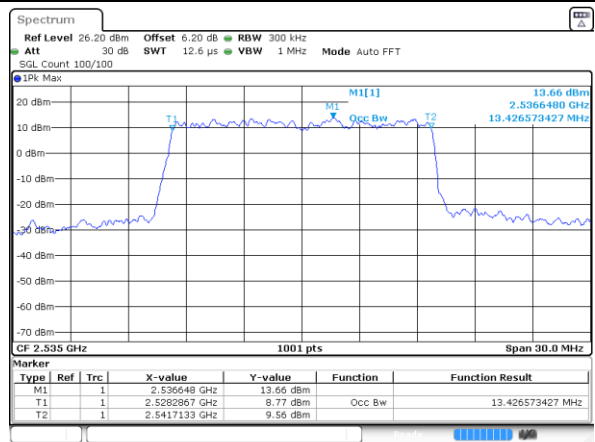
## Lowest Channel / 15MHz / 16QAM



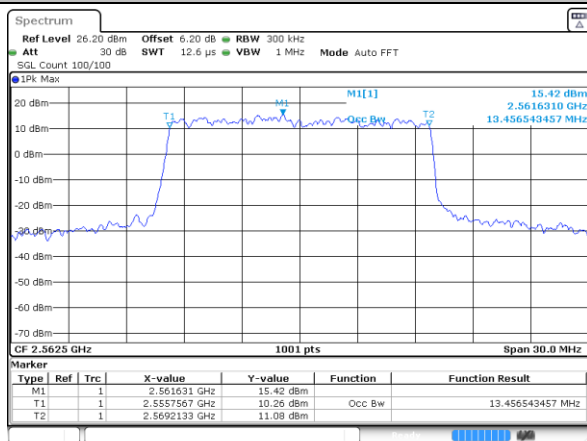
## Middle Channel / 15MHz / QPSK



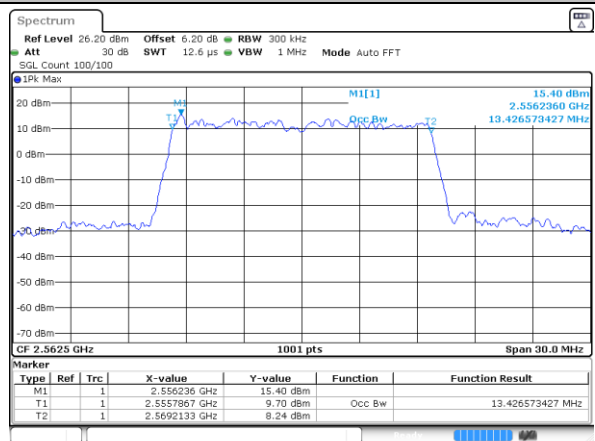
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



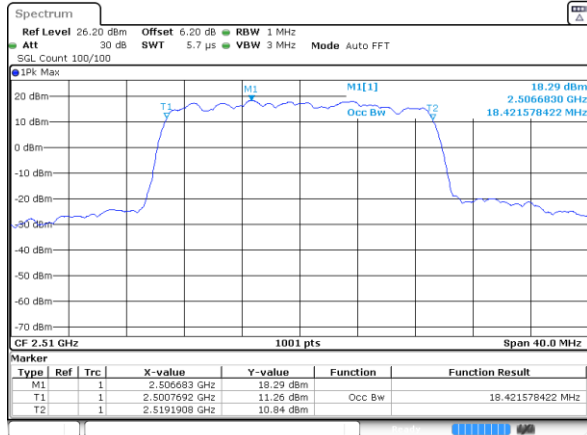
## Highest Channel / 15MHz / 16QAM





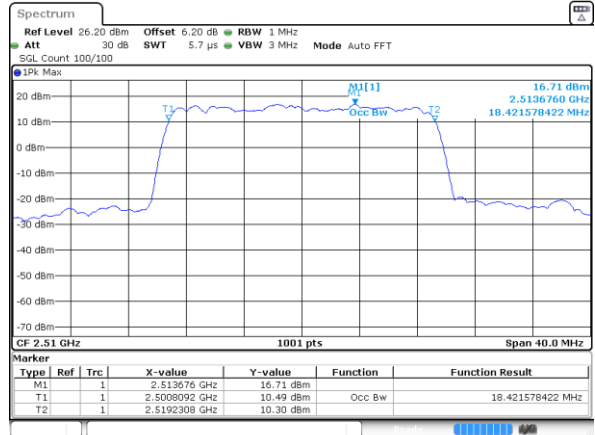
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



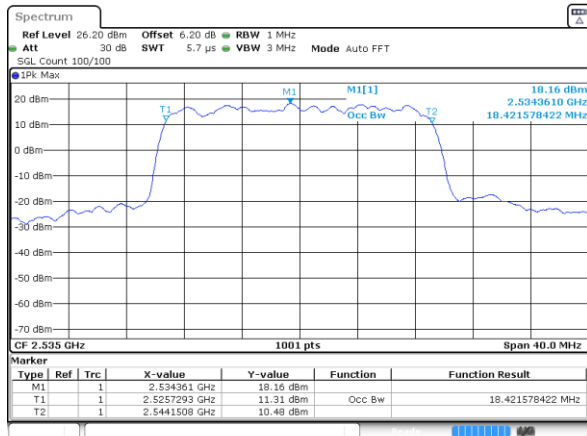
Date: 8 NOV 2019 11:03:31

## Lowest Channel / 20MHz / 16QAM



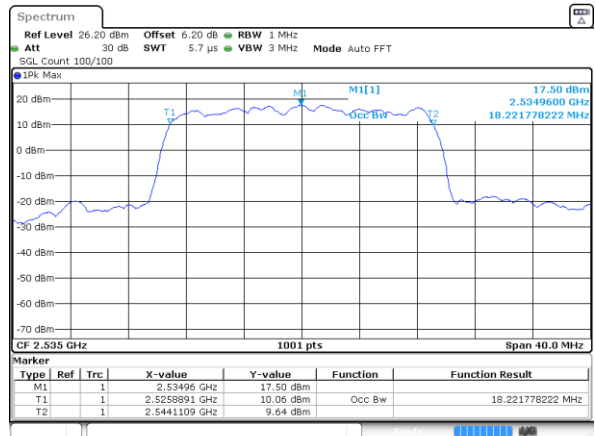
Date: 8 NOV 2019 11:03:11

## Middle Channel / 20MHz / QPSK



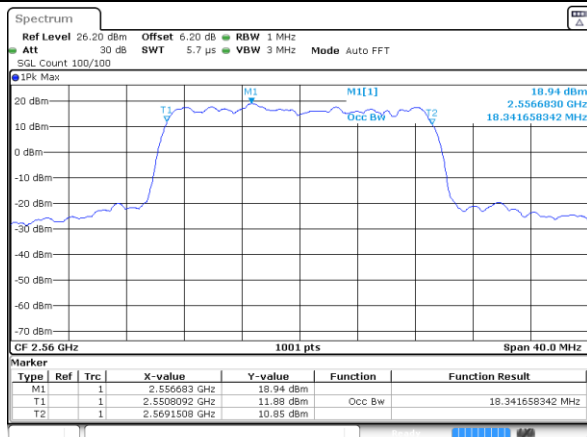
Date: 8 NOV 2019 11:03:51

## Middle Channel / 20MHz / 16QAM



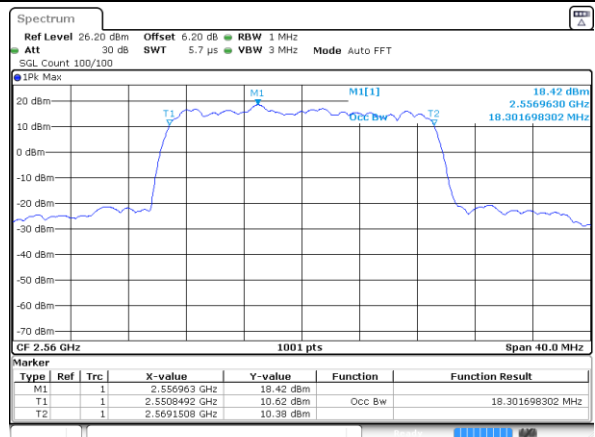
Date: 8 NOV 2019 11:04:12

## Highest Channel / 20MHz / QPSK



Date: 8 NOV 2019 11:04:52

## Highest Channel / 20MHz / 16QAM

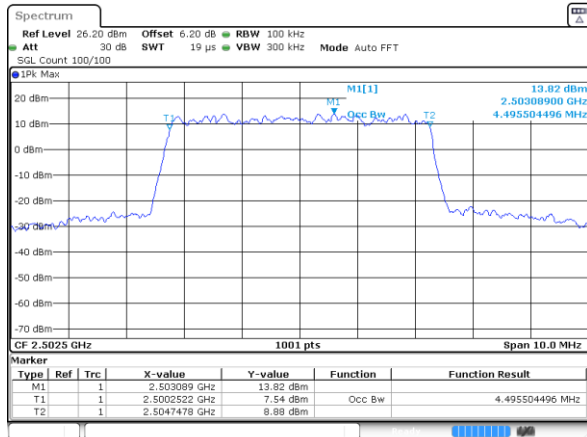


Date: 8 NOV 2019 11:04:32

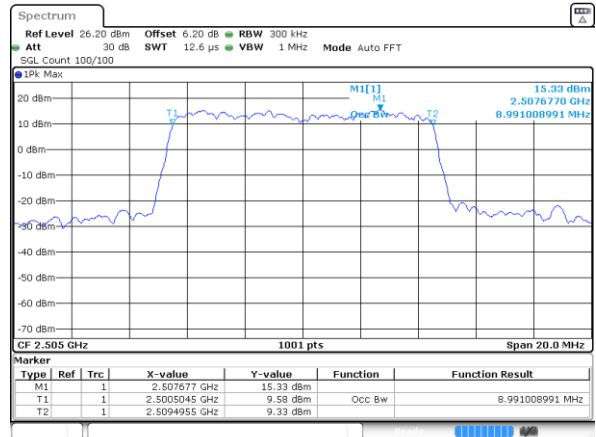


## LTE Band 7

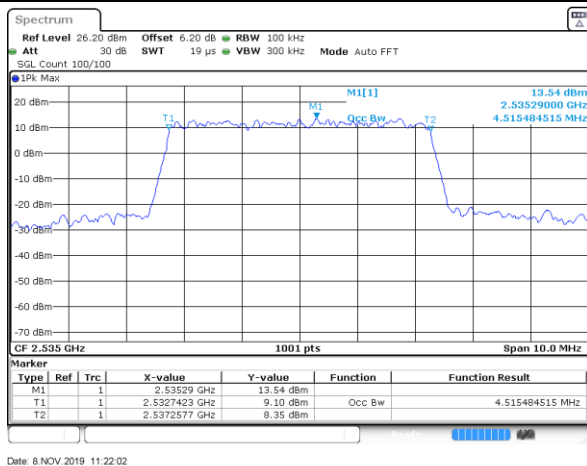
## Lowest Channel / 5MHz / 64QAM



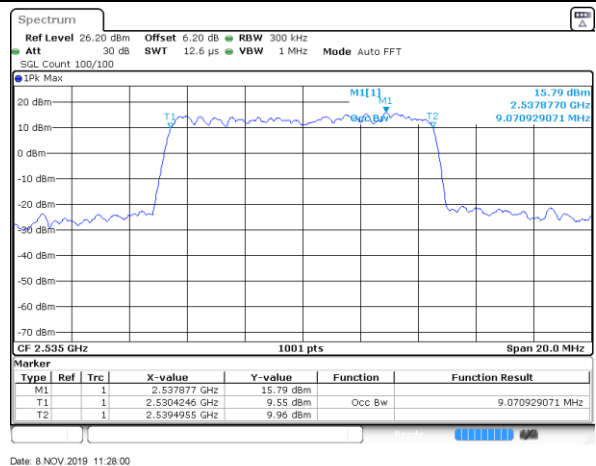
## Lowest Channel / 10MHz / 64QAM



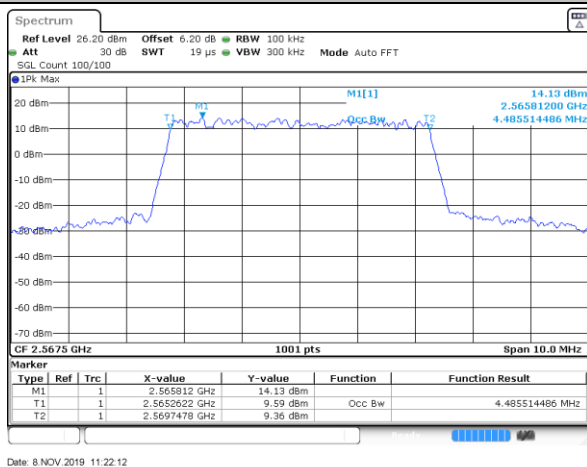
## Middle Channel / 5MHz / 64QAM



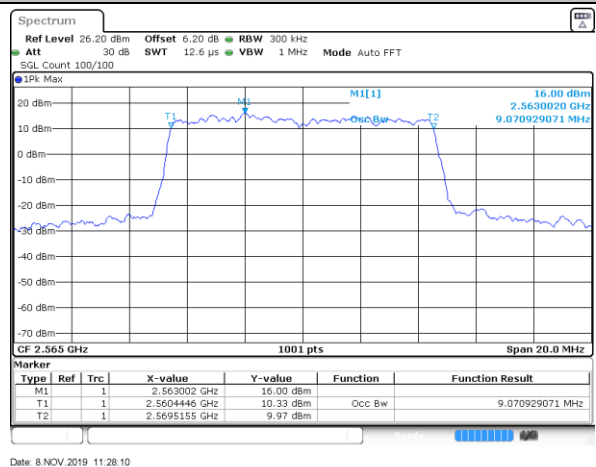
## Middle Channel / 10MHz / 64QAM



## Highest Channel / 5MHz / 64QAM



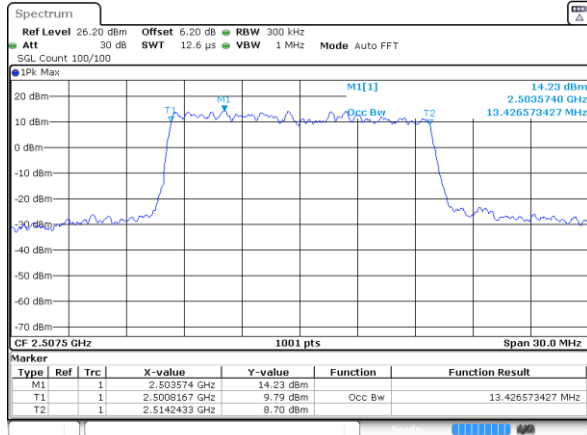
## Highest Channel / 10MHz / 64QAM



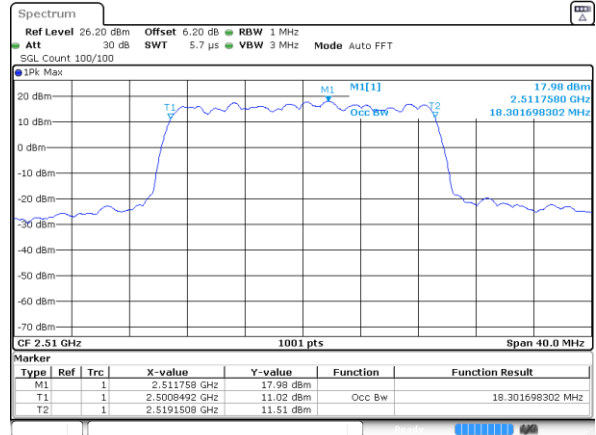


## LTE Band 7

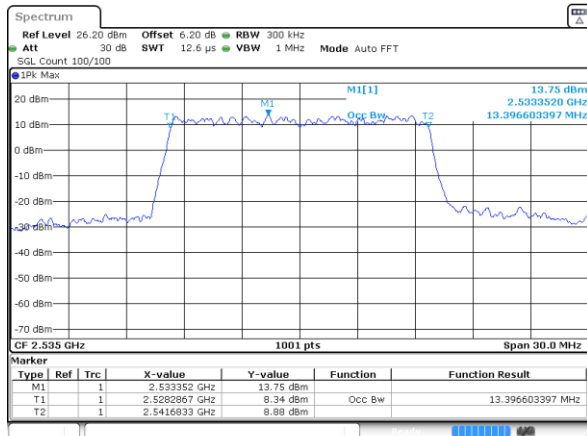
## Lowest Channel / 15MHz / 64QAM



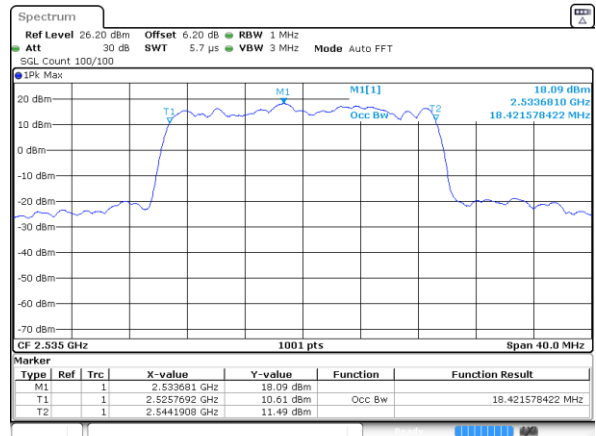
## Lowest Channel / 20MHz / 64QAM



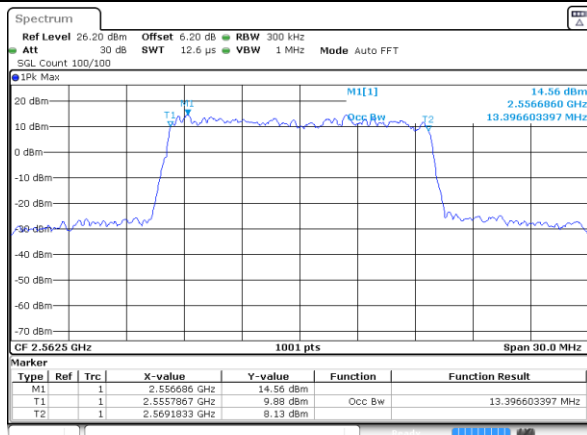
## Middle Channel / 15MHz / 64QAM



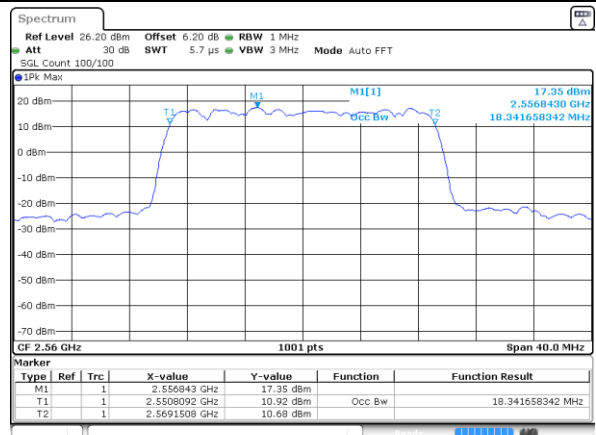
## Middle Channel / 20MHz / 64QAM



## Highest Channel / 15MHz / 64QAM



## Highest Channel / 20MHz / 64QAM

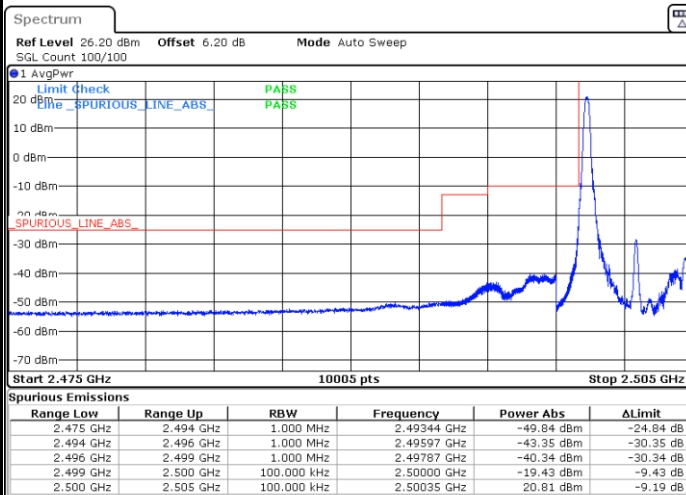




# Conducted Band Edge

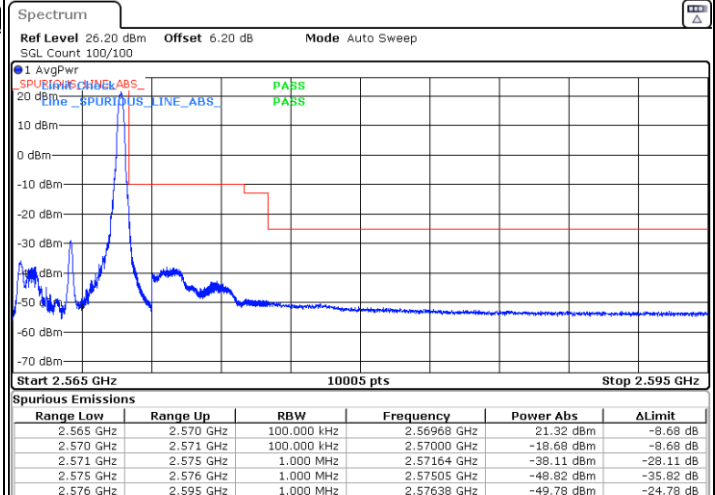
## LTE Band 7 / 5MHz / QPSK

### Lowest Band Edge / 1 RB



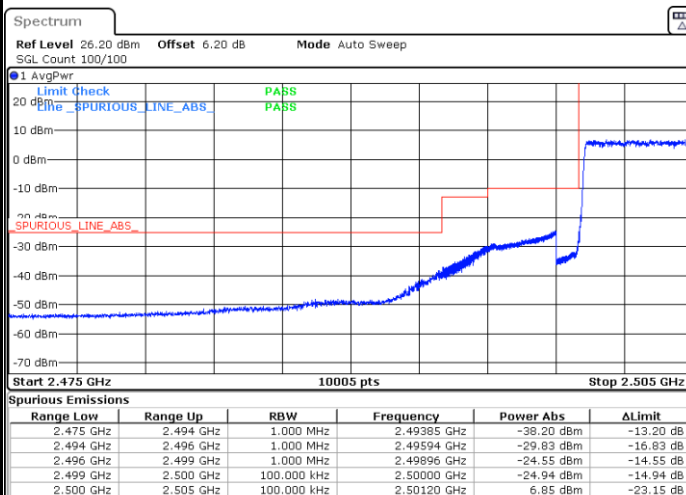
Date: 8.NOV.2019 10:08:13

### Highest Band Edge / 1 RB



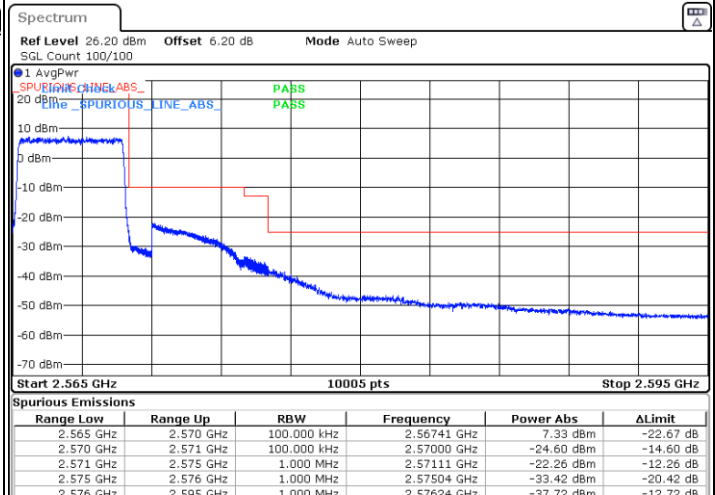
Date: 8.NOV.2019 10:24:16

### Lowest Band Edge / Full RB



Date: 8.NOV.2019 10:19:44

### Highest Band Edge / Full RB

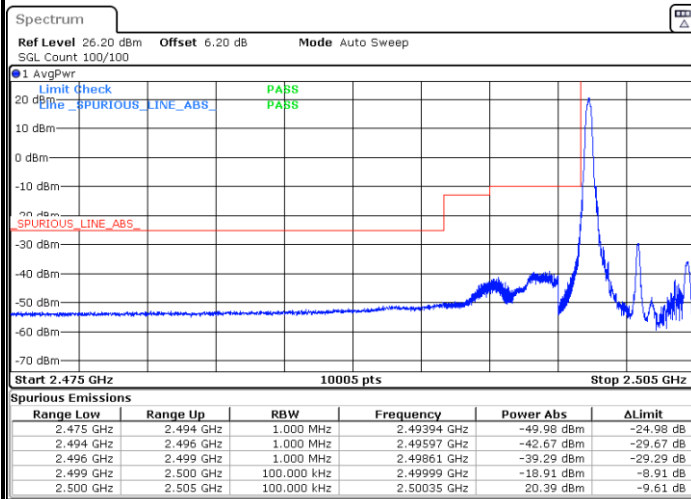


Date: 8.NOV.2019 10:20:52

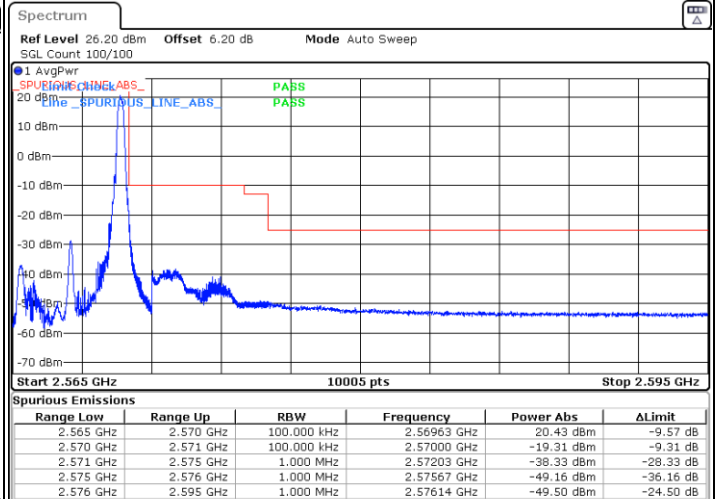


## LTE Band 7 / 5MHz / 16QAM

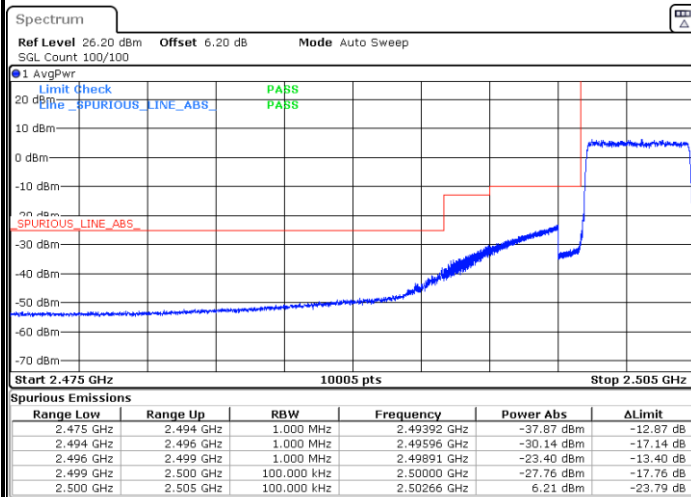
## Lowest Band Edge / 1 RB



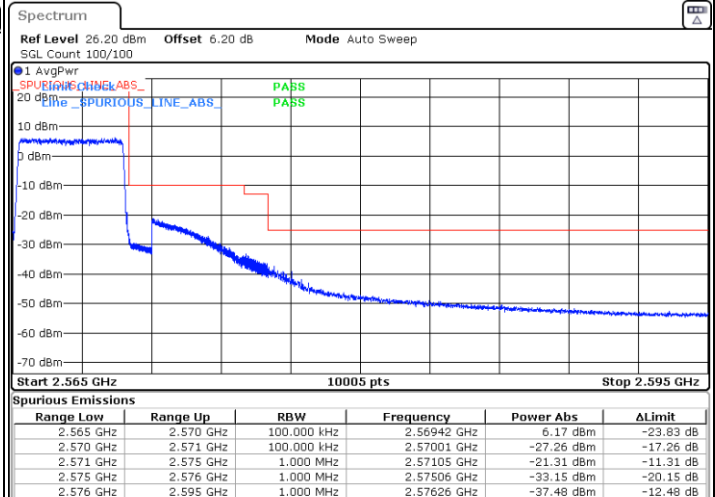
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



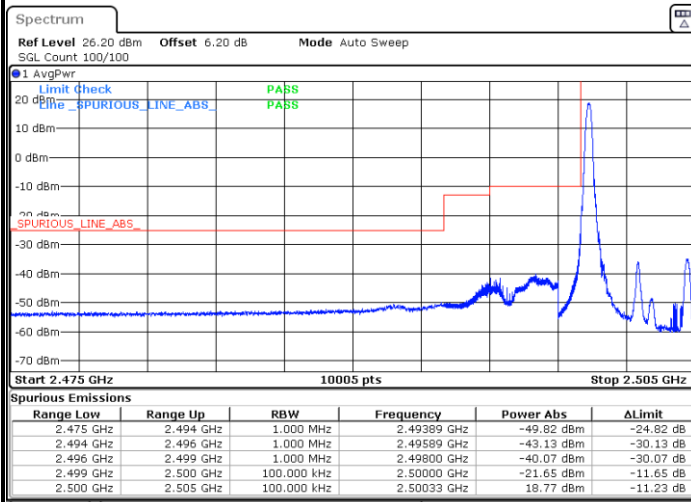
## Highest Band Edge / Full RB



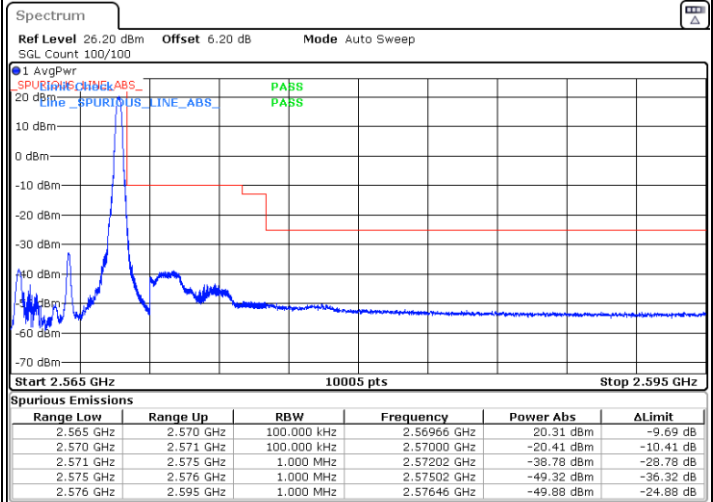


## LTE Band 7 / 5MHz / 64QAM

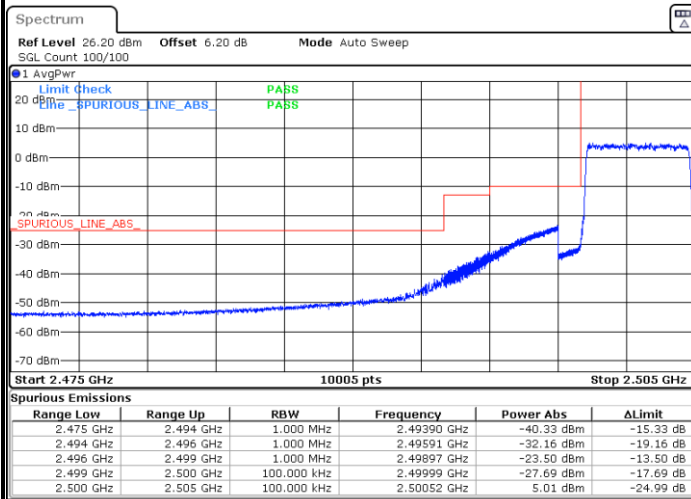
## Lowest Band Edge / 1RB



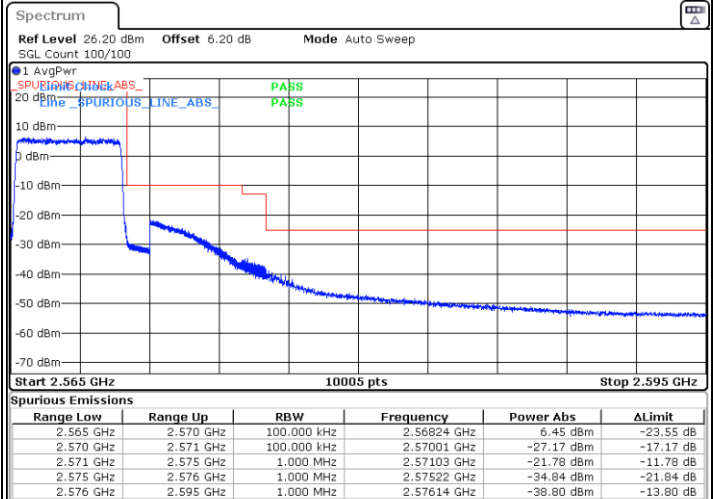
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



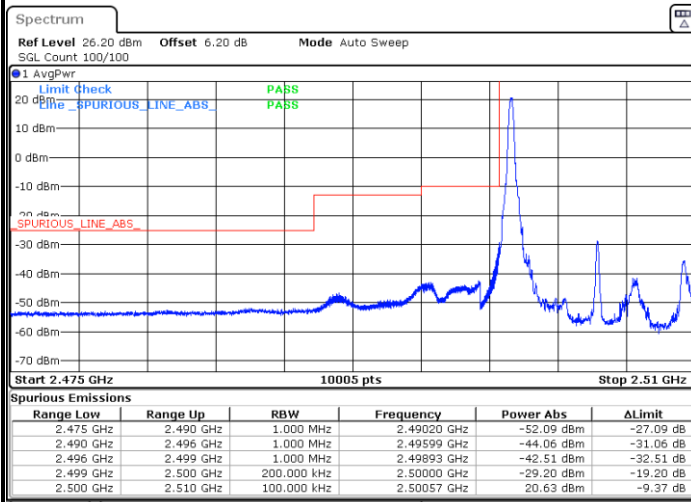
## Highest Band Edge / Full RB



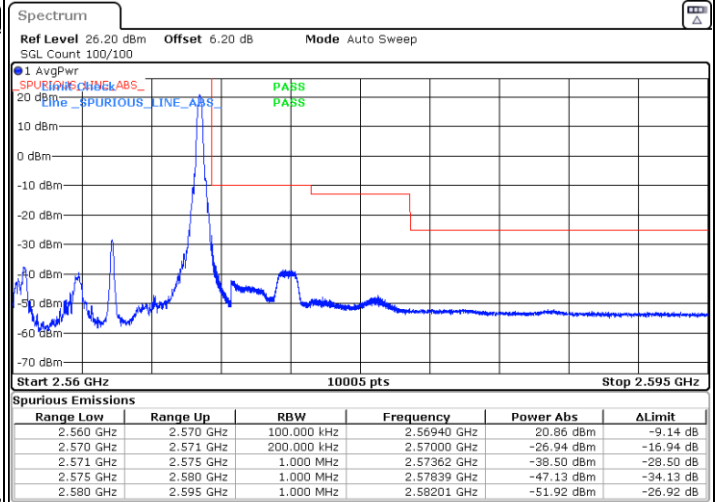


## LTE Band 7 / 10MHz / QPSK

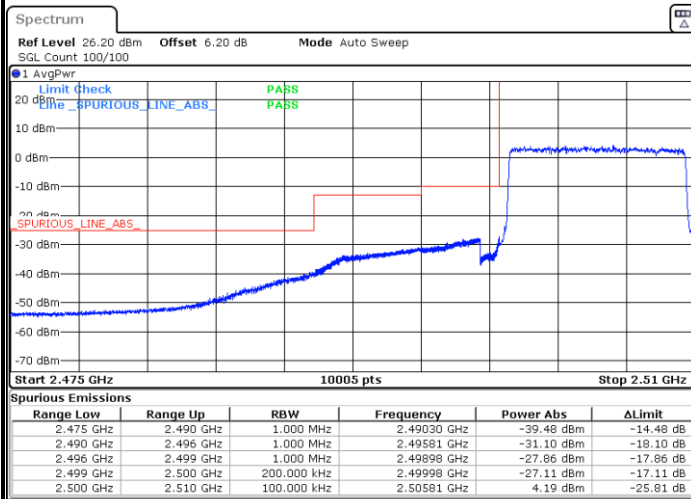
## Lowest Band Edge / 1 RB



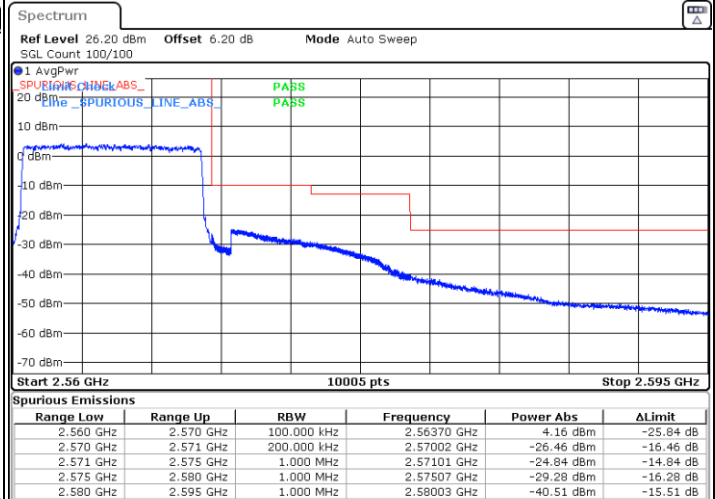
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



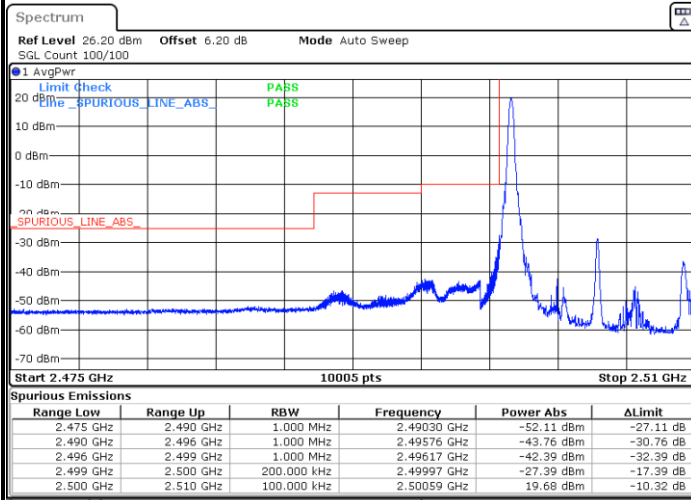
## Highest Band Edge / Full RB





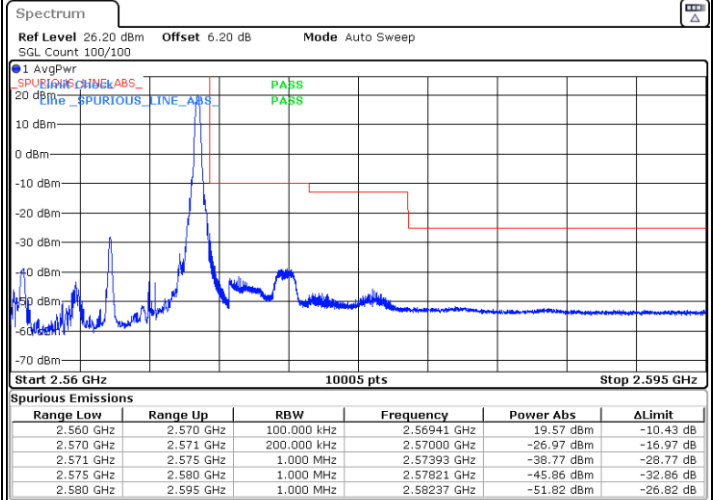
## LTE Band 7 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



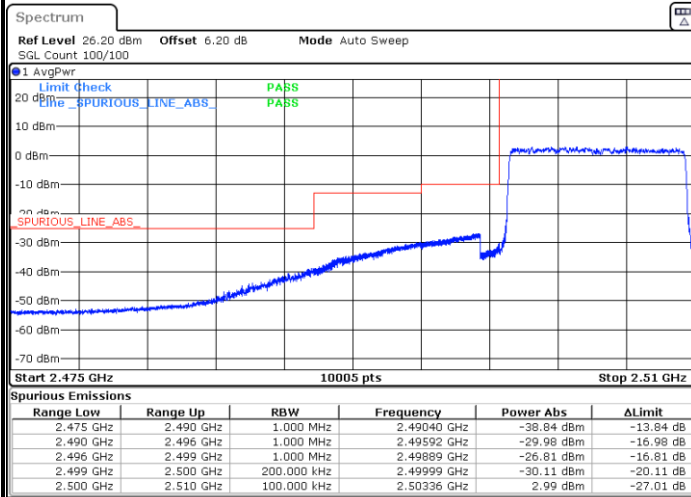
Date: 8 NOV 2019 10:33:55

## Highest Band Edge / 1 RB



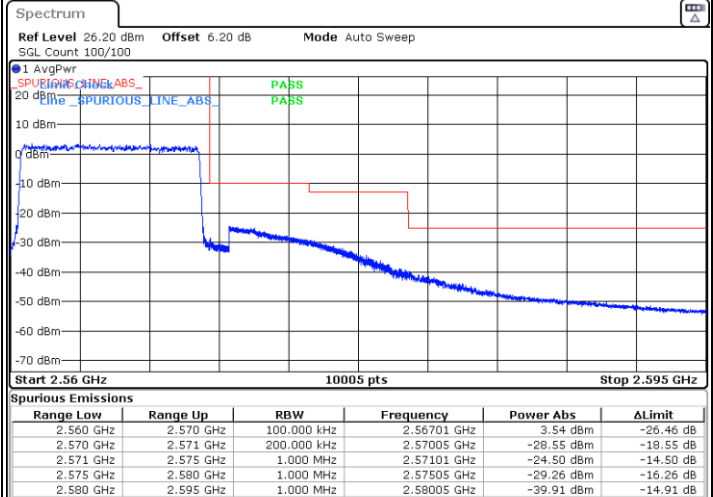
Date: 8 NOV 2019 10:39:35

## Lowest Band Edge / Full RB



Date: 8 NOV 2019 10:35:03

## Highest Band Edge / Full RB

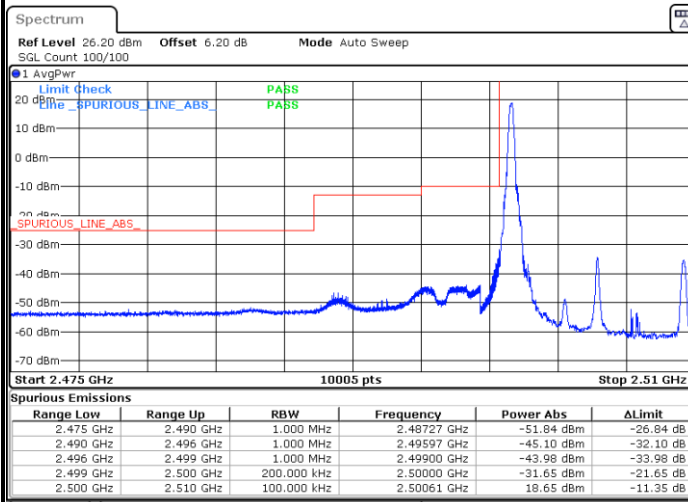


Date: 8 NOV 2019 10:38:27

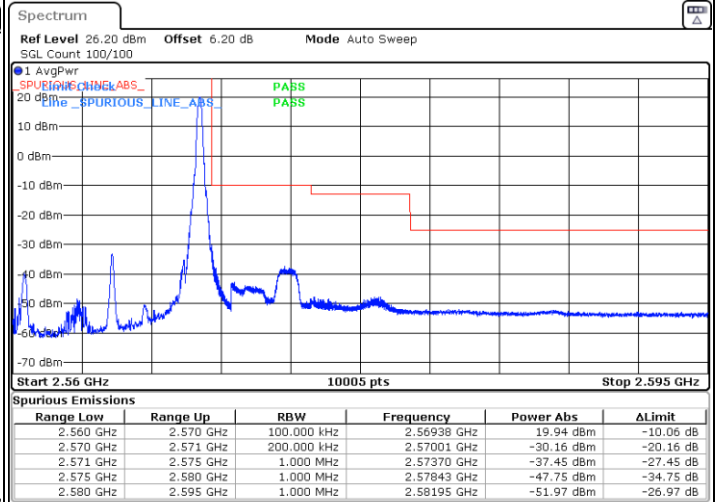


## LTE Band 7 / 10MHz / 64QAM

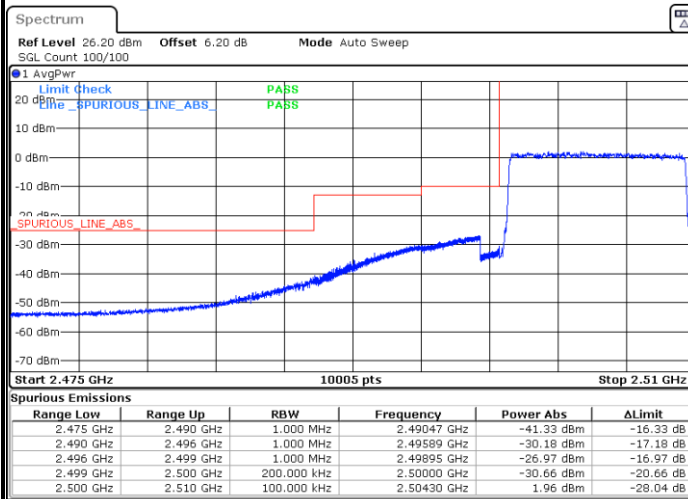
## Lowest Band Edge / 1 RB



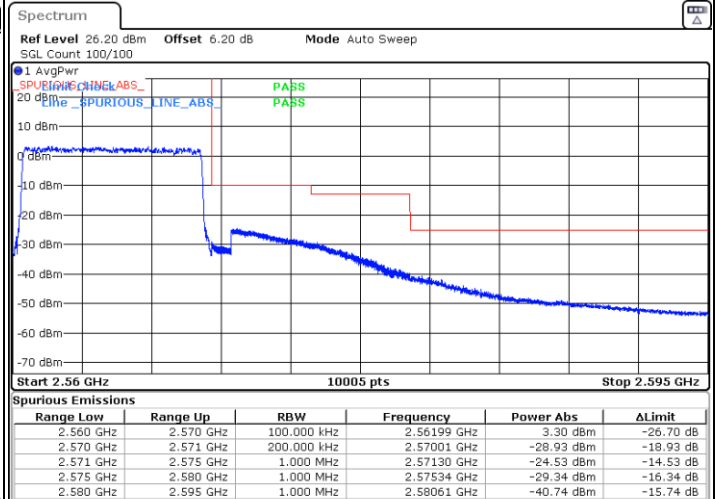
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



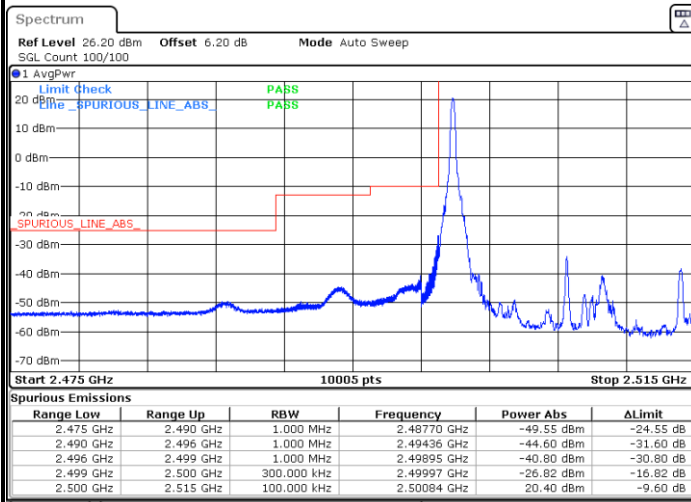
## Highest Band Edge / Full RB



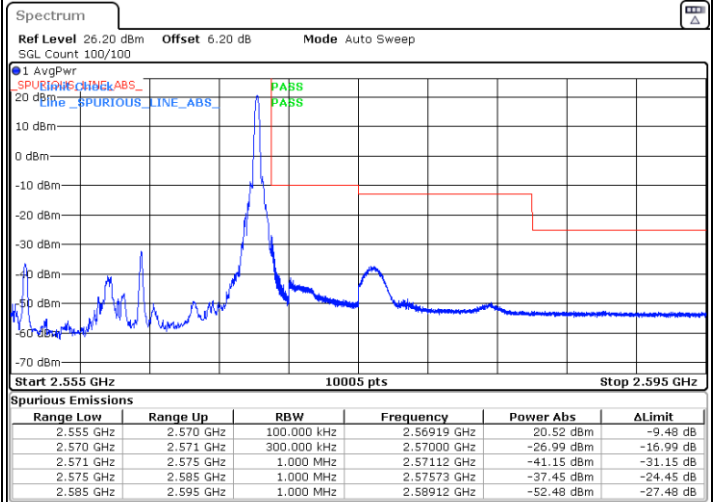


## LTE Band 7 / 15MHz / QPSK

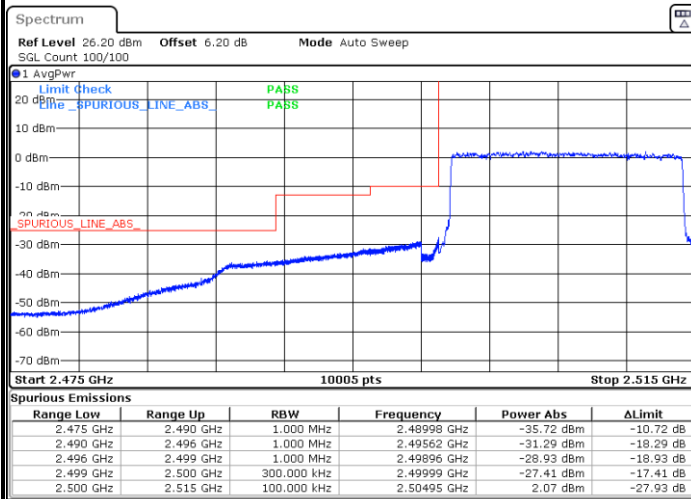
## Lowest Band Edge / 1 RB



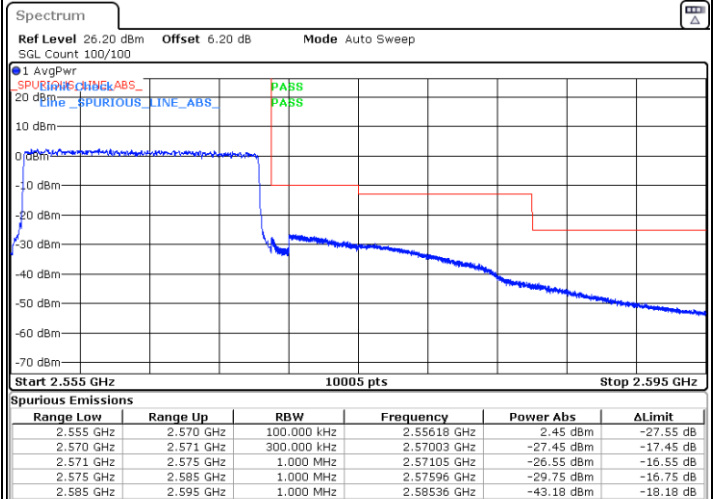
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



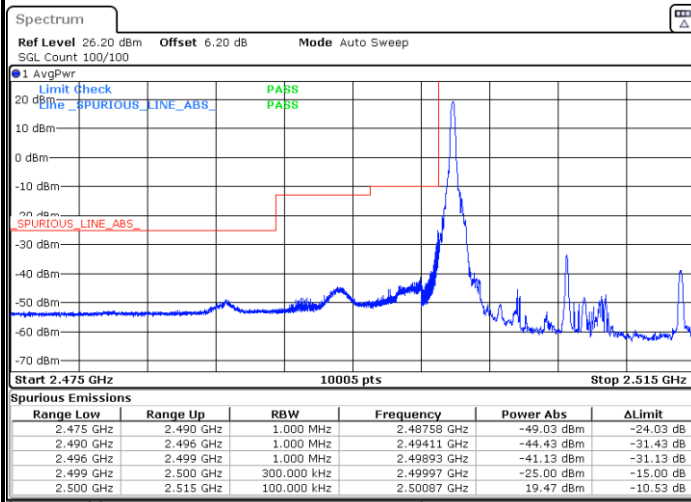
## Highest Band Edge / Full RB



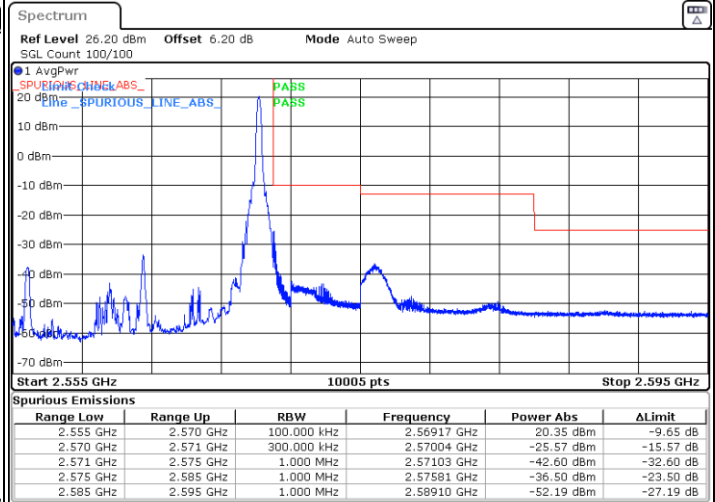


## LTE Band 7 / 15MHz / 16QAM

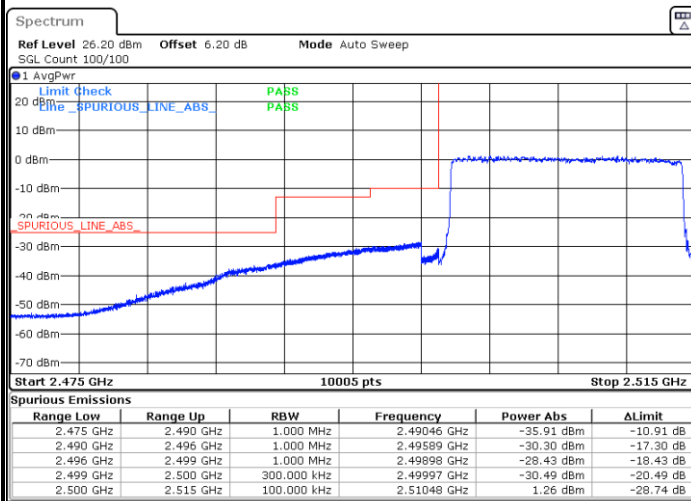
## Lowest Band Edge / 1 RB



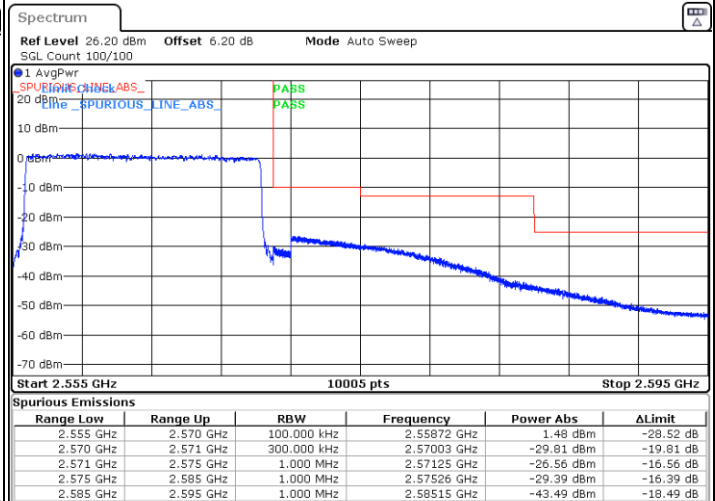
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



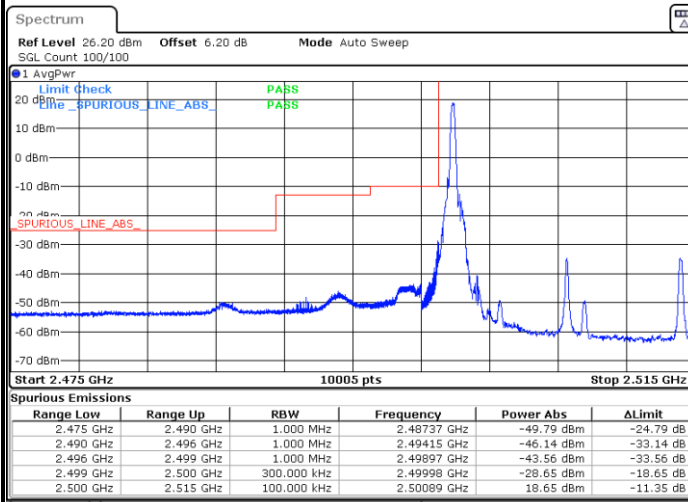
## Highest Band Edge / Full RB



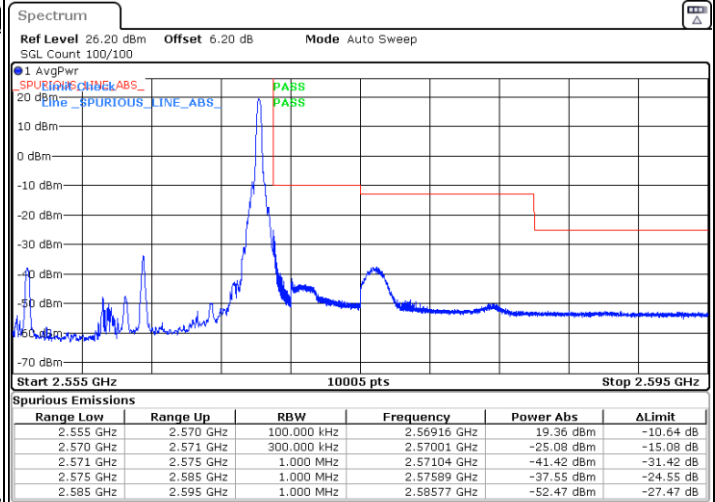


## LTE Band 7 / 15MHz / 64QAM

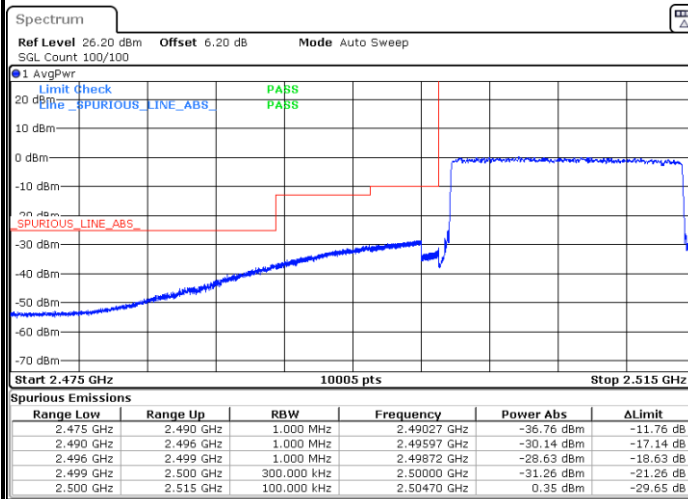
## Lowest Band Edge / 1 RB



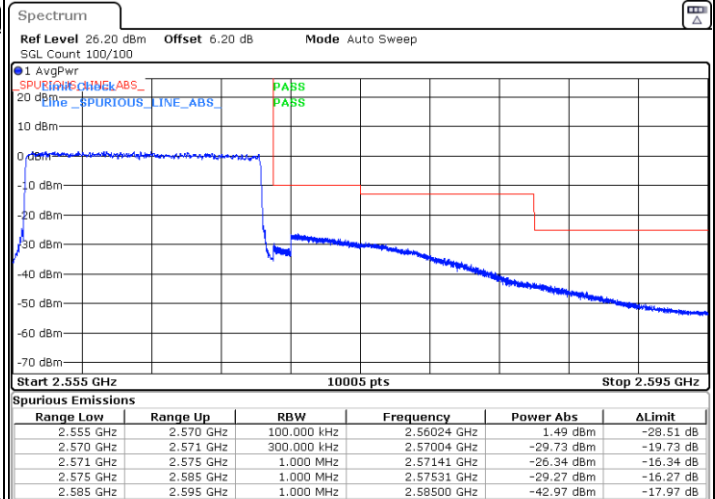
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



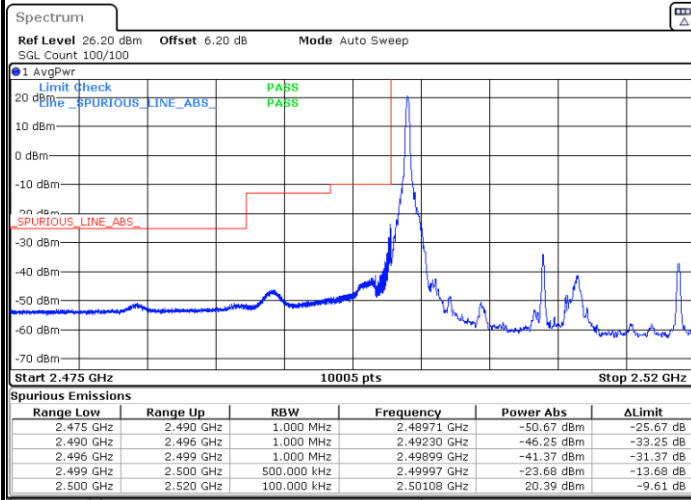
## Highest Band Edge / Full RB



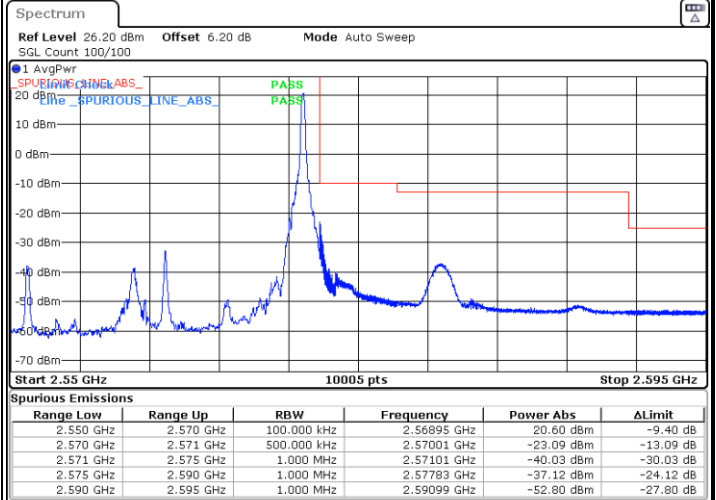


## LTE Band 7 / 20MHz / QPSK

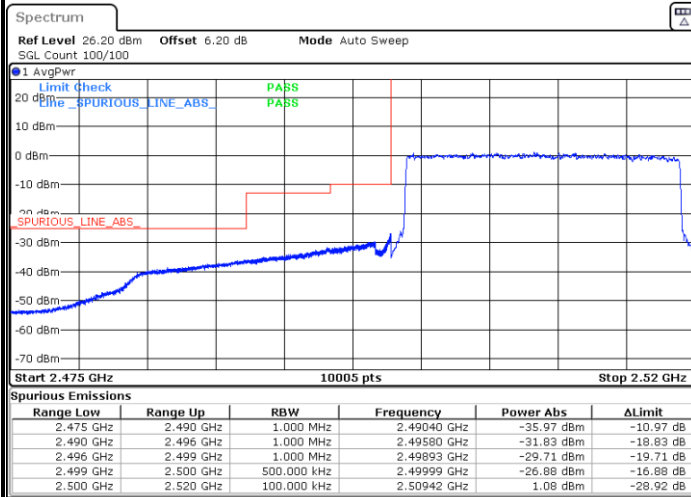
## Lowest Band Edge / 1 RB



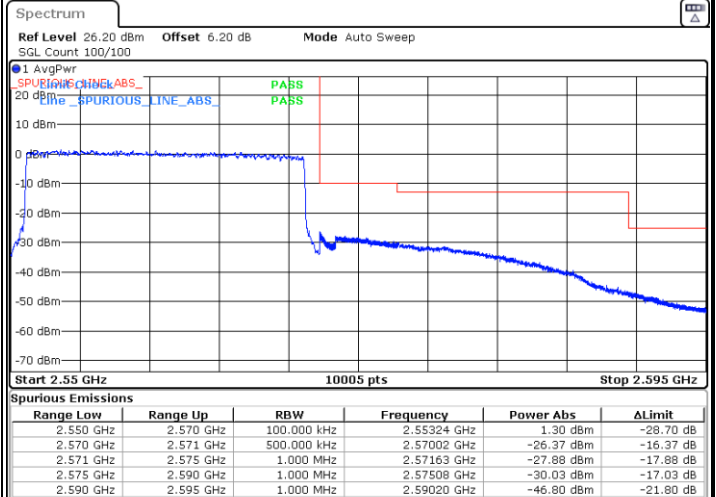
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



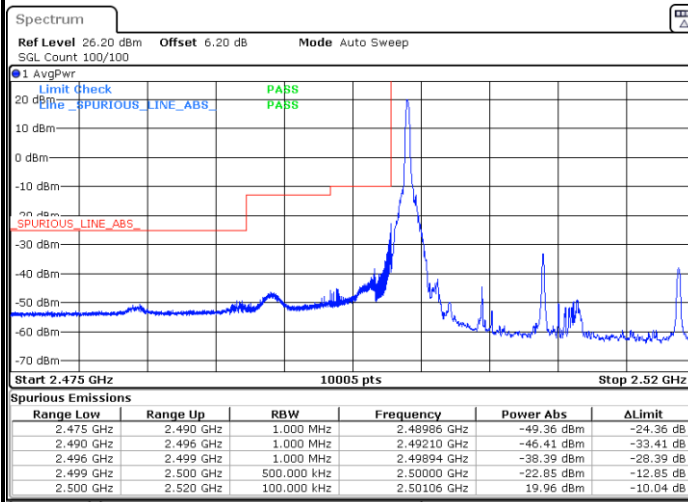
## Highest Band Edge / Full RB



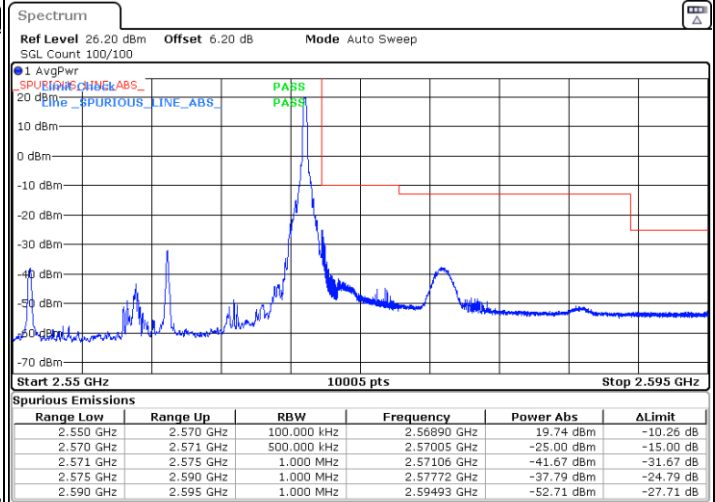


## LTE Band 7 / 20MHz / 16QAM

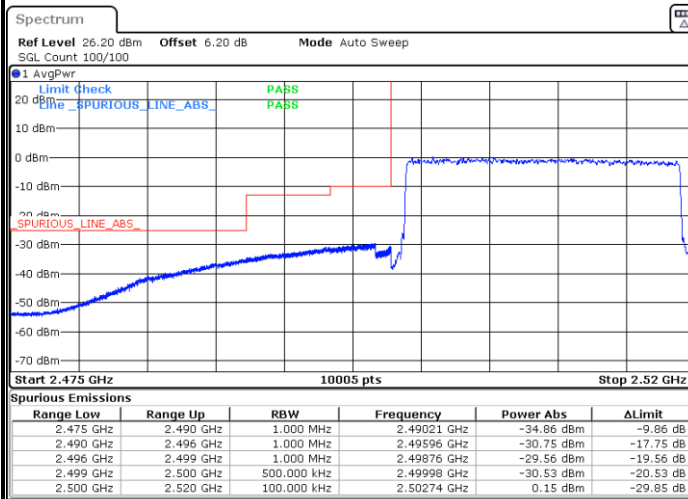
## Lowest Band Edge / 1 RB



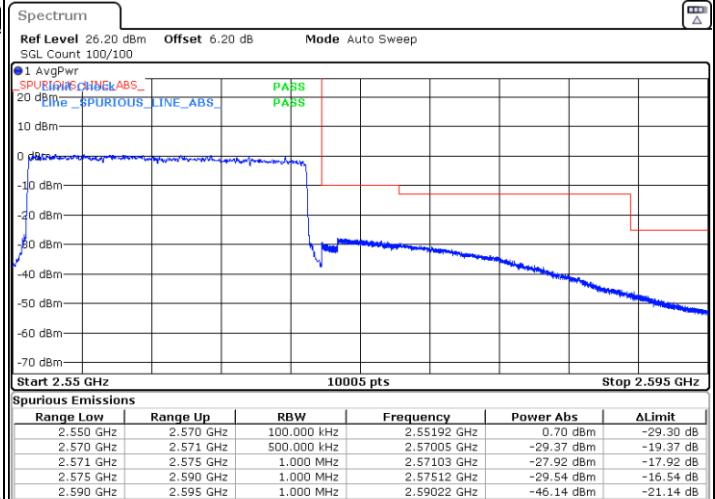
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



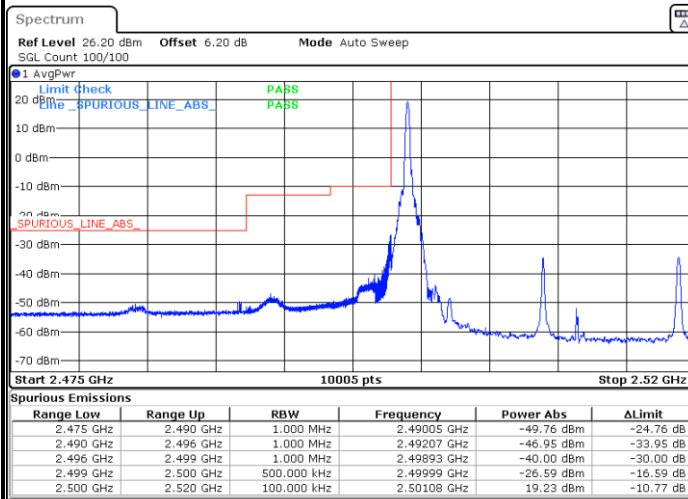
## Highest Band Edge / Full RB



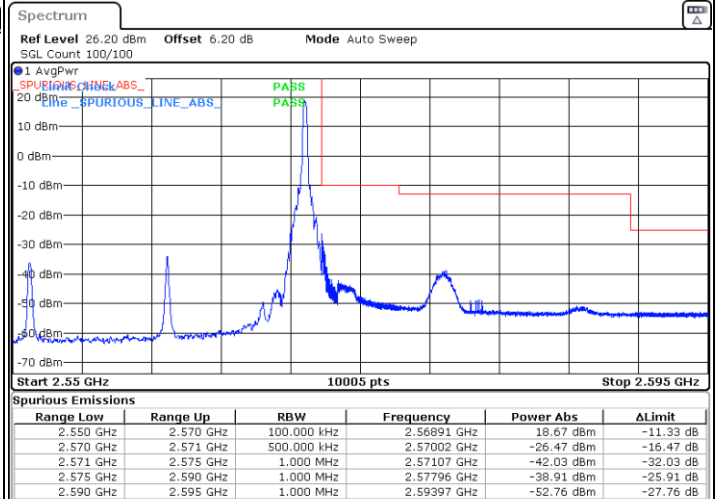


## LTE Band 7 / 20MHz / 64QAM

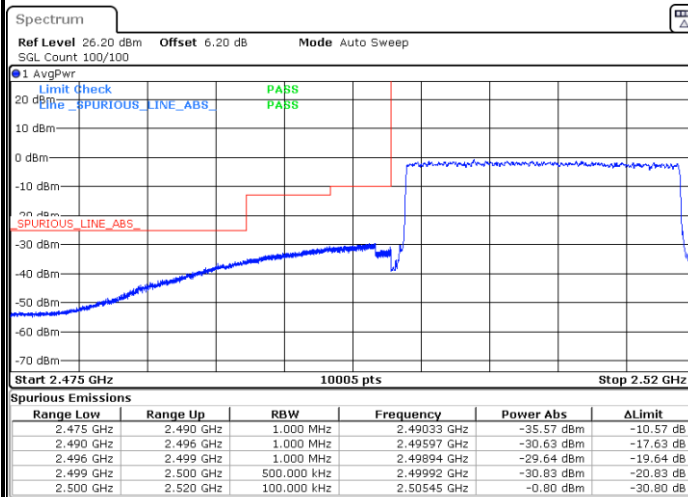
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

