

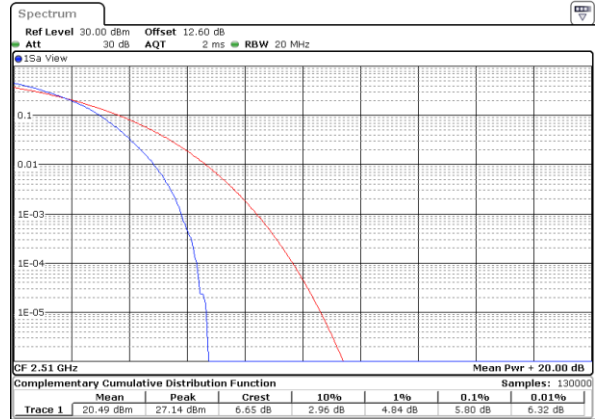


## LTE Band 7 / 20MHz / 16QAM

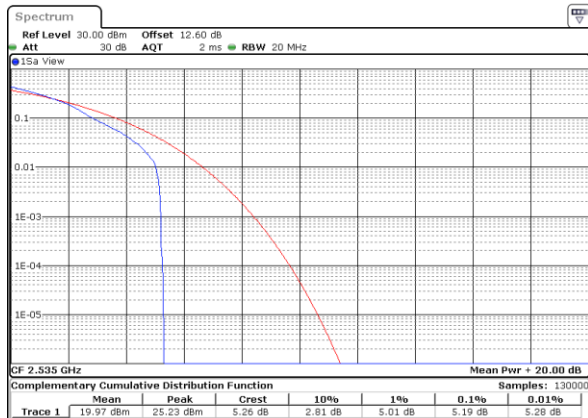
## Lowest Channel / 1RB



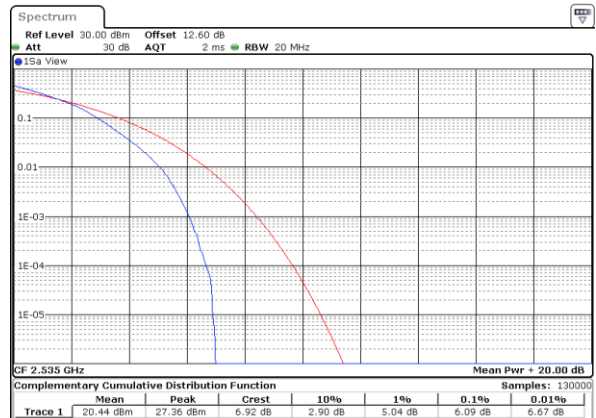
## Lowest Channel / Full RB



## Middle Channel / 1RB



## Middle Channel / Full RB



## Highest Channel / 1RB



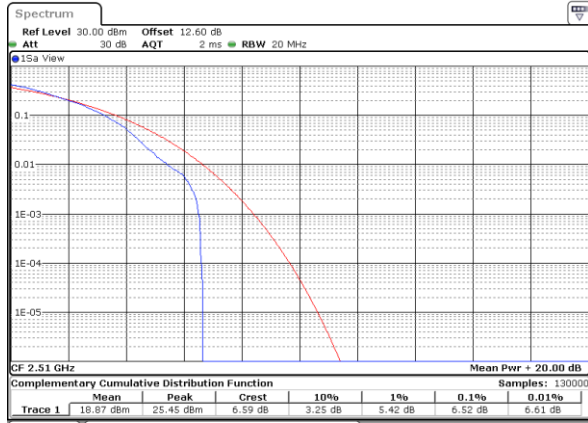
## Highest Channel / Full RB



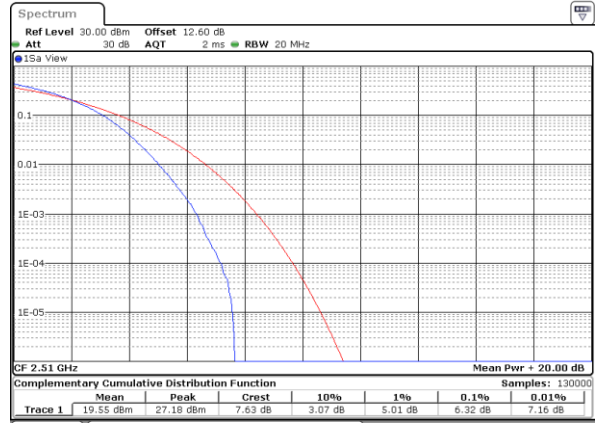


## LTE Band 7 / 20MHz / 64QAM

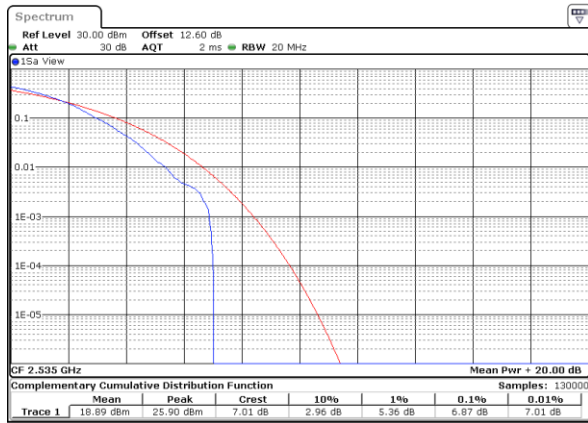
## Lowest Channel / 1RB



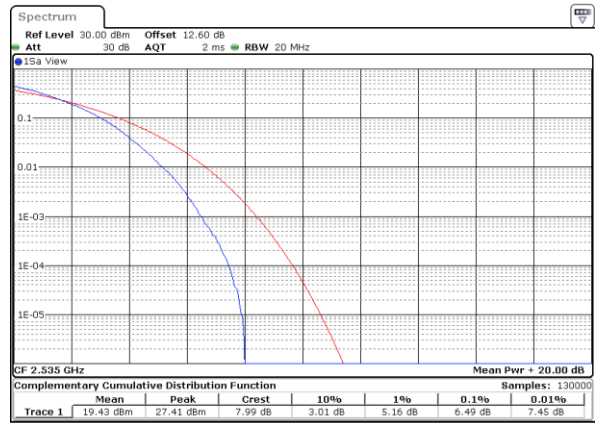
## Lowest Channel / Full RB



## Middle Channel / 1RB



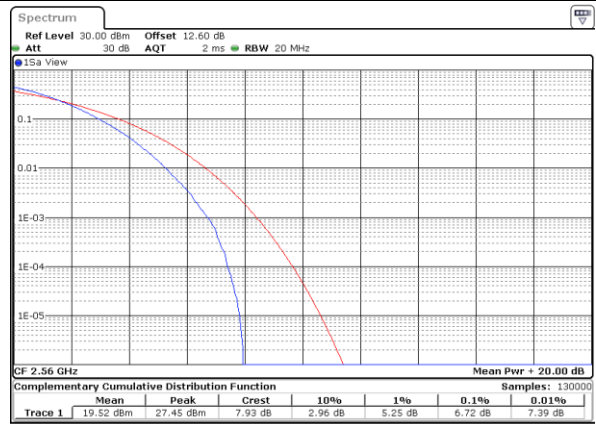
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



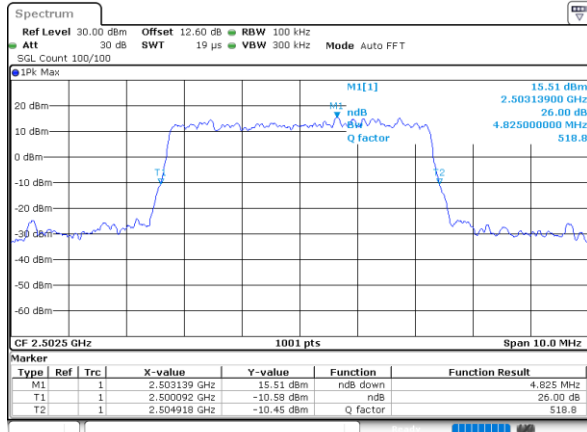
**26dB Bandwidth**

| Mode       | LTE Band 7 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
|------------|---------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                      | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                         | -     | -     | -     | 4.83  | 4.97  | 9.85  | 9.61  | 14.51 | 14.54 | 18.82 | 19.10 |
| Middle CH  | -                         | -     | -     | -     | 4.86  | 4.83  | 9.85  | 9.69  | 14.30 | 14.39 | 19.18 | 18.86 |
| Highest CH | -                         | -     | -     | -     | 4.94  | 4.93  | 9.75  | 9.85  | 14.36 | 14.21 | 18.86 | 18.82 |
| Mode       | LTE Band 7 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                    |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                     |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                         | -     | -     | -     | 4.87  | -     | 9.65  | -     | 14.24 | -     | 18.66 | -     |
| Middle CH  | -                         | -     | -     | -     | 4.90  | -     | 9.79  | -     | 14.33 | -     | 19.18 | -     |
| Highest CH | -                         | -     | -     | -     | 4.95  | -     | 9.83  | -     | 14.39 | -     | 19.10 | -     |



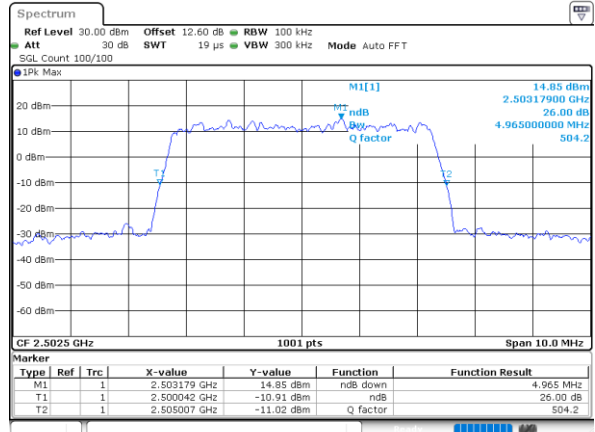
## LTE Band 7

## Lowest Channel / 5MHz / QPSK



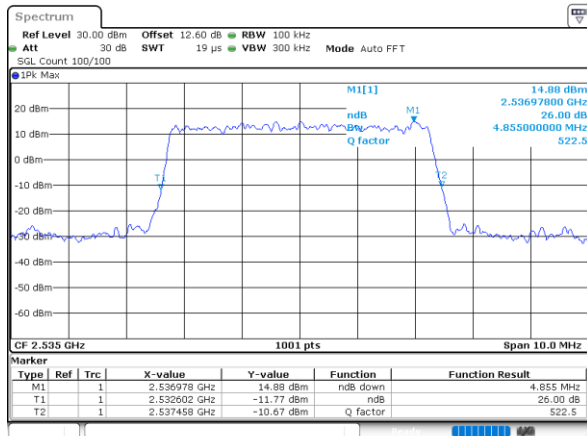
Date: 24.MAY.2020 10:51:17

## Lowest Channel / 5MHz / 16QAM



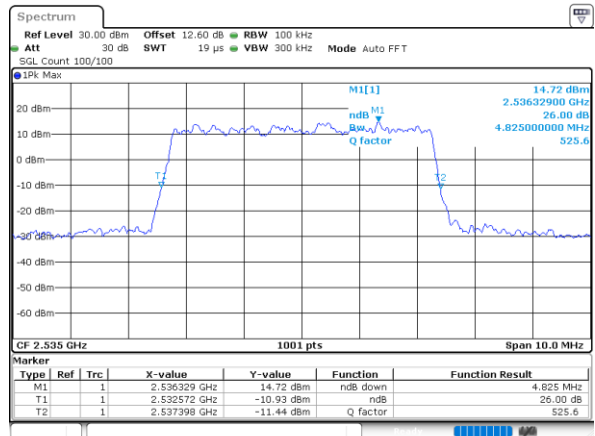
Date: 24.MAY.2020 10:51:29

## Middle Channel / 5MHz / QPSK



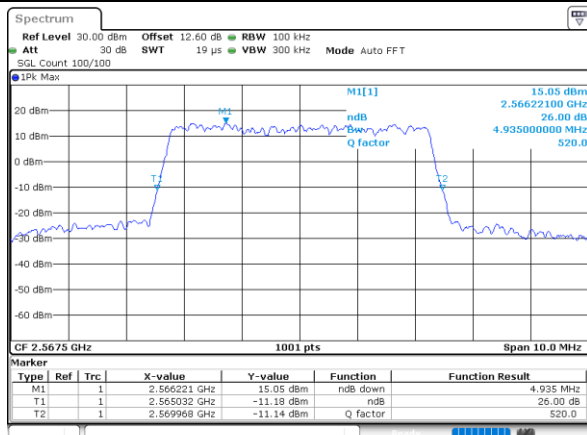
Date: 24.MAY.2020 10:57:47

## Middle Channel / 5MHz / 16QAM



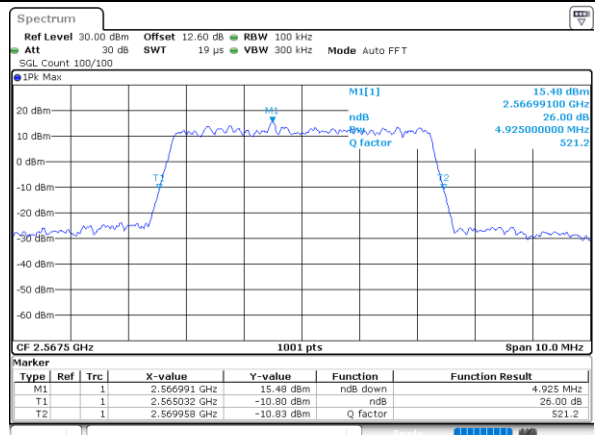
Date: 24.MAY.2020 10:57:58

## Highest Channel / 5MHz / QPSK



Date: 24.MAY.2020 11:00:12

## Highest Channel / 5MHz / 16QAM

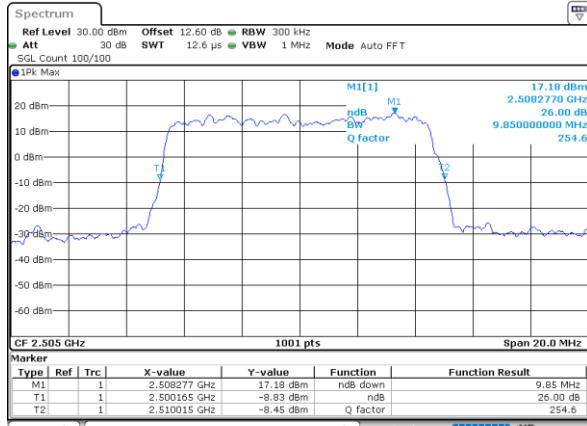


Date: 24.MAY.2020 11:00:24



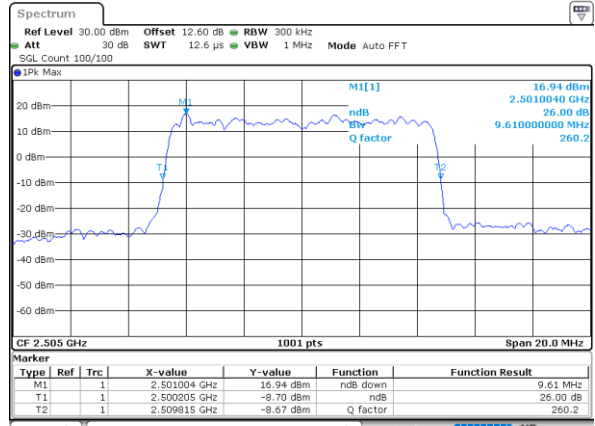
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



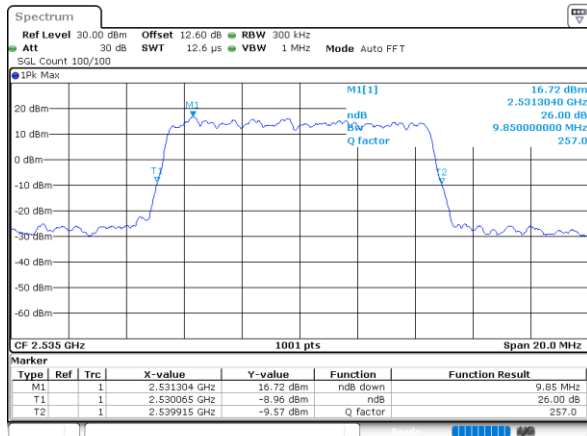
Date: 24.MAY.2020 11:14:24

## Lowest Channel / 10MHz / 16QAM



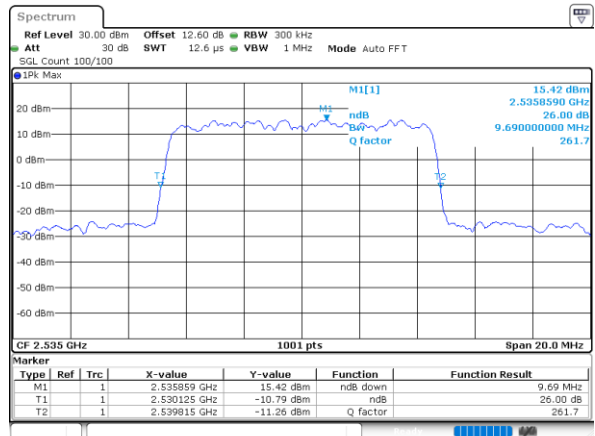
Date: 24.MAY.2020 11:14:36

## Middle Channel / 10MHz / QPSK



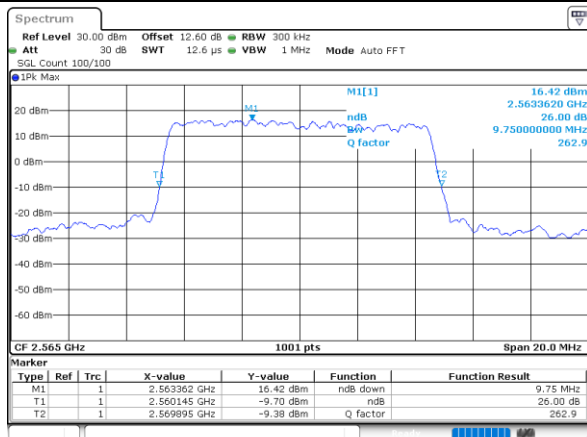
Date: 24.MAY.2020 11:20:51

## Middle Channel / 10MHz / 16QAM



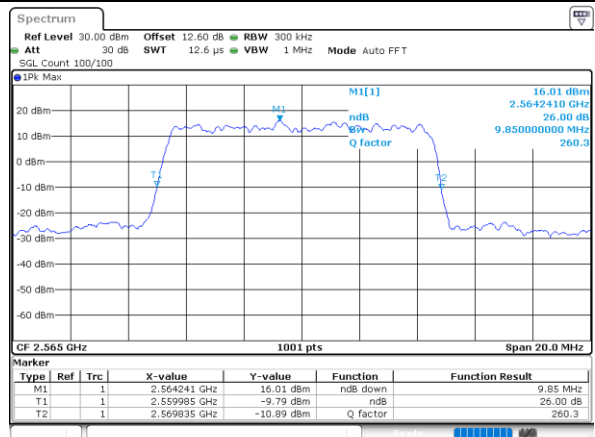
Date: 24.MAY.2020 11:21:03

## Highest Channel / 10MHz / QPSK



Date: 24.MAY.2020 11:23:17

## Highest Channel / 10MHz / 16QAM

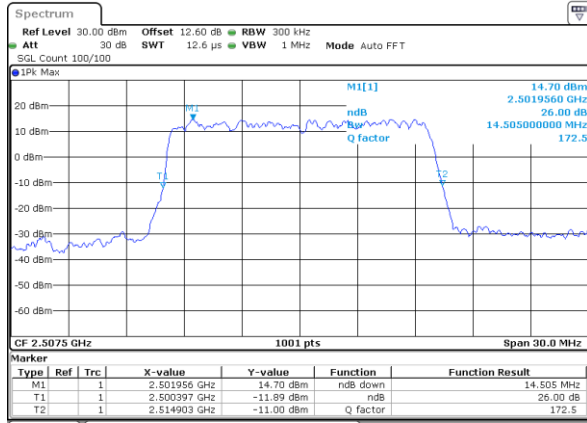


Date: 24.MAY.2020 11:23:29



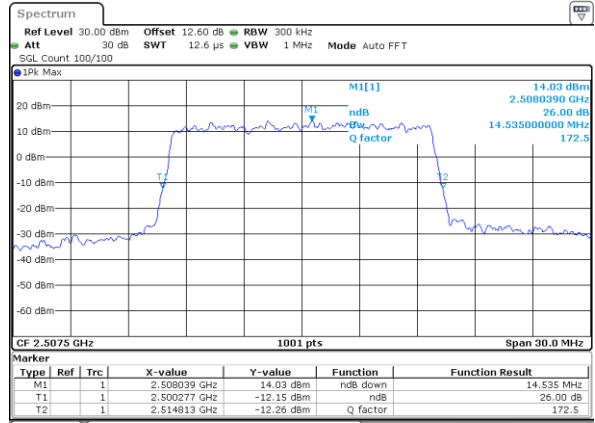
## LTE Band 7

## Lowest Channel / 15MHz / QPSK



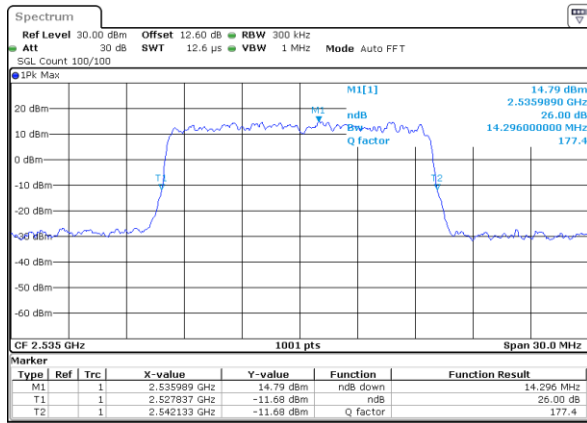
Date: 24.MAY.2020 11:37:27

## Lowest Channel / 15MHz / 16QAM



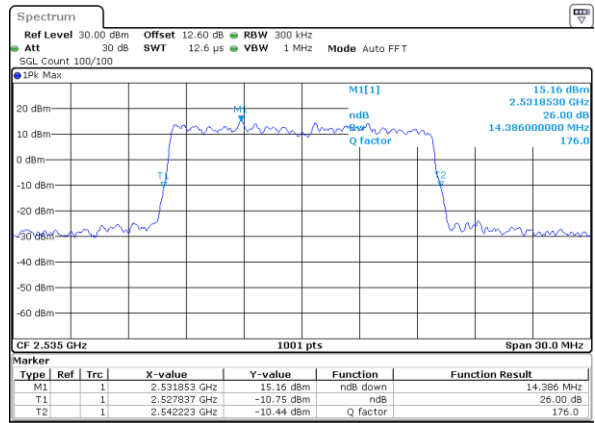
Date: 24.MAY.2020 11:37:39

## Middle Channel / 15MHz / QPSK



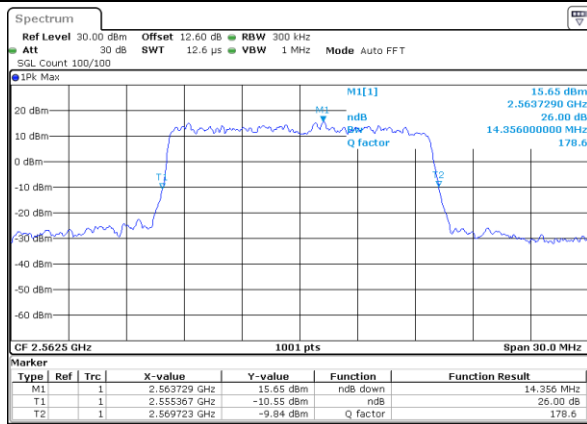
Date: 24.MAY.2020 11:43:57

## Middle Channel / 15MHz / 16QAM



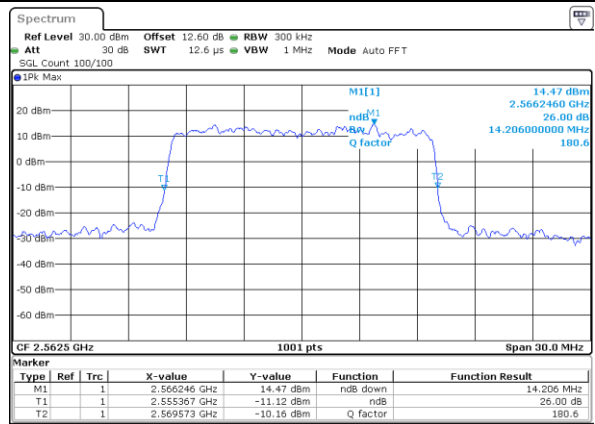
Date: 24.MAY.2020 11:44:08

## Highest Channel / 15MHz / QPSK



Date: 24.MAY.2020 11:46:22

## Highest Channel / 15MHz / 16QAM

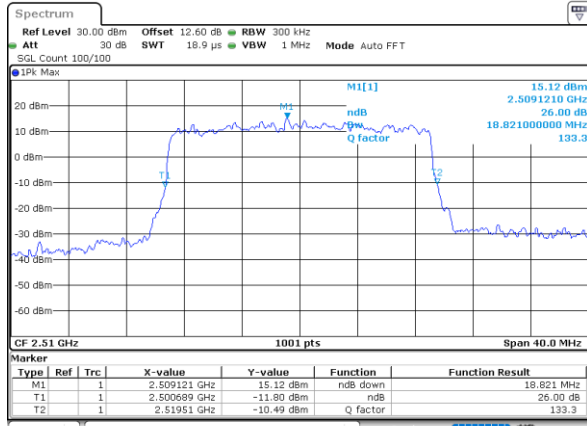


Date: 24.MAY.2020 11:46:34



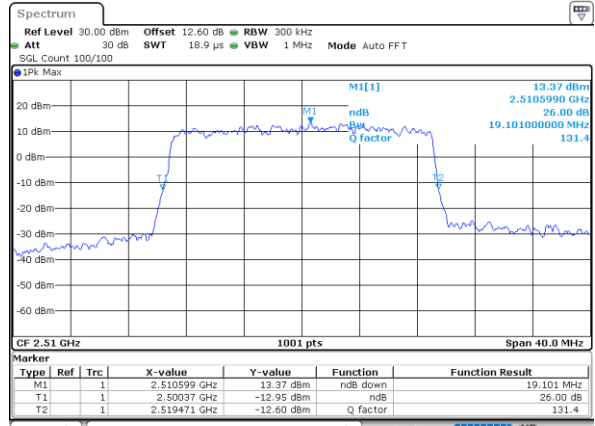
## LTE Band 7

## Lowest Channel / 20MHz / QPSK



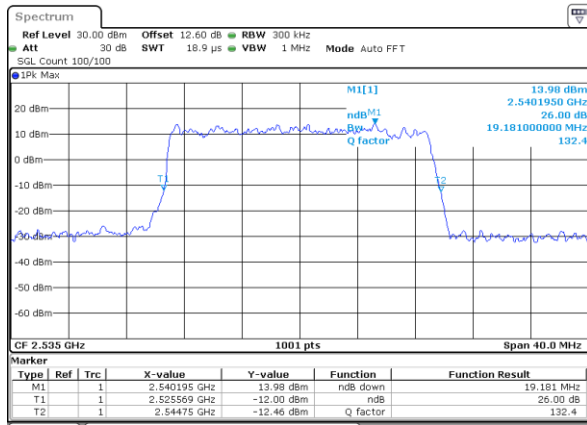
Date: 24.MAY.2020 12:00:31

## Lowest Channel / 20MHz / 16QAM



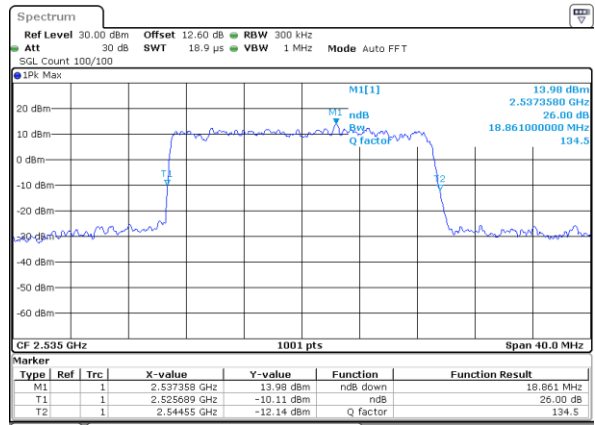
Date: 24.MAY.2020 12:00:43

## Middle Channel / 20MHz / QPSK



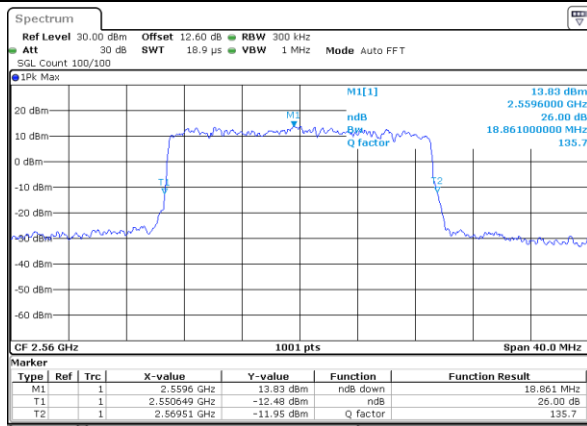
Date: 24.MAY.2020 12:06:59

## Middle Channel / 20MHz / 16QAM



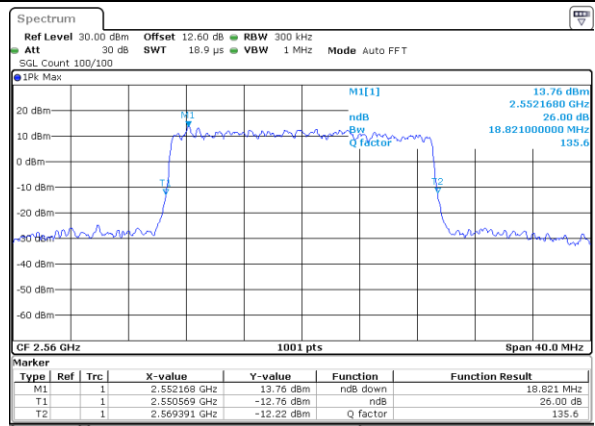
Date: 24.MAY.2020 12:07:11

## Highest Channel / 20MHz / QPSK



Date: 24.MAY.2020 12:09:26

## Highest Channel / 20MHz / 16QAM

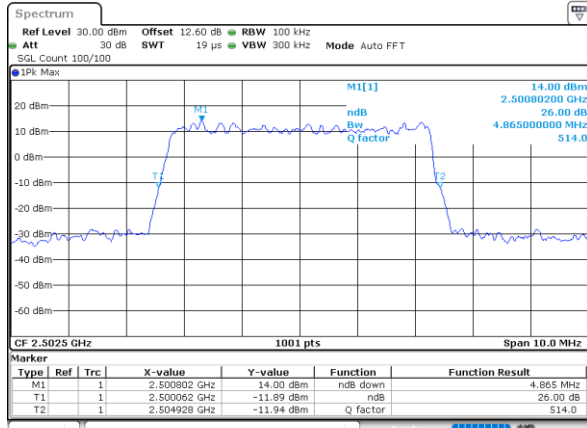


Date: 24.MAY.2020 12:09:38



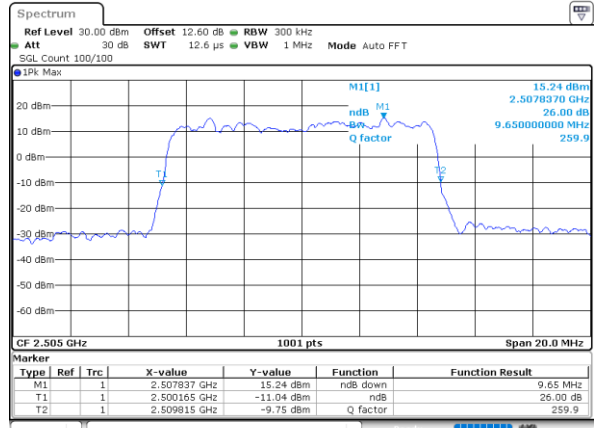
## LTE Band 7

## Lowest Channel / 5MHz / 64QAM



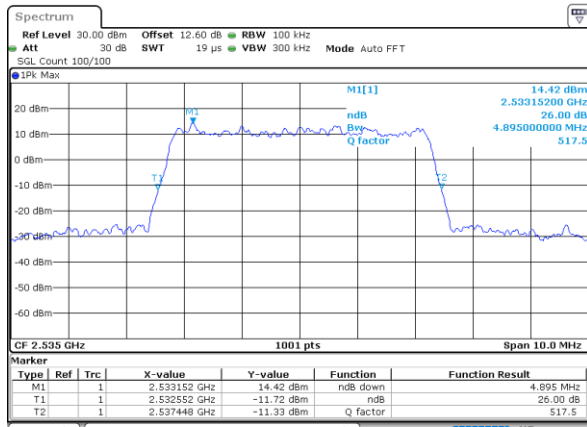
Date: 24.MAY.2020 11:06:29

## Lowest Channel / 10MHz / 64QAM



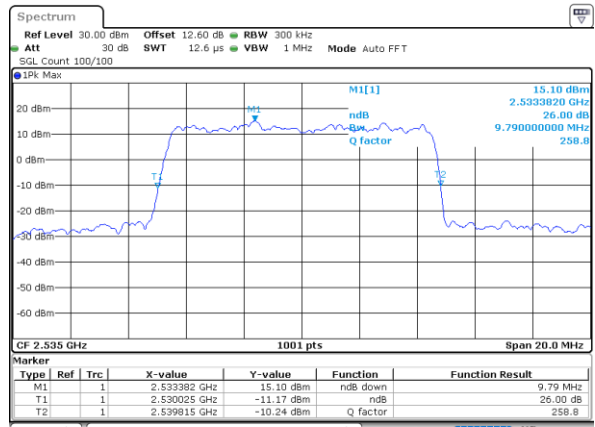
Date: 24.MAY.2020 11:29:134

## Middle Channel / 5MHz / 64QAM



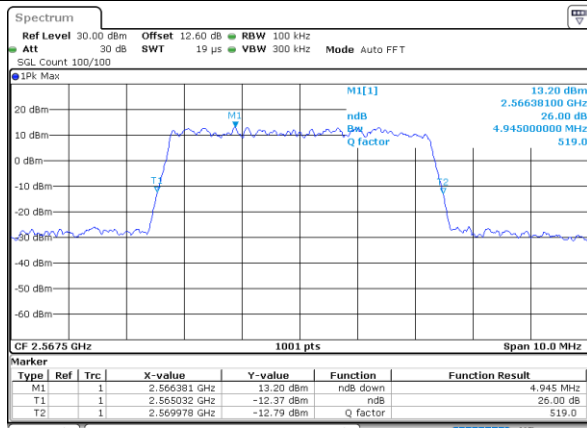
Date: 24.MAY.2020 11:09:44

## Middle Channel / 10MHz / 64QAM



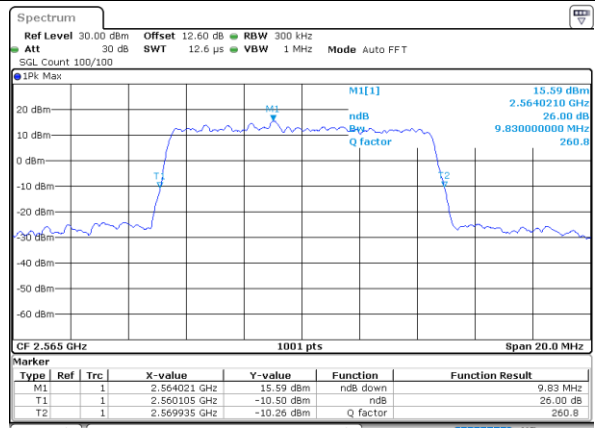
Date: 24.MAY.2020 11:32:147

## Highest Channel / 5MHz / 64QAM



Date: 24.MAY.2020 11:10:57

## Highest Channel / 10MHz / 64QAM

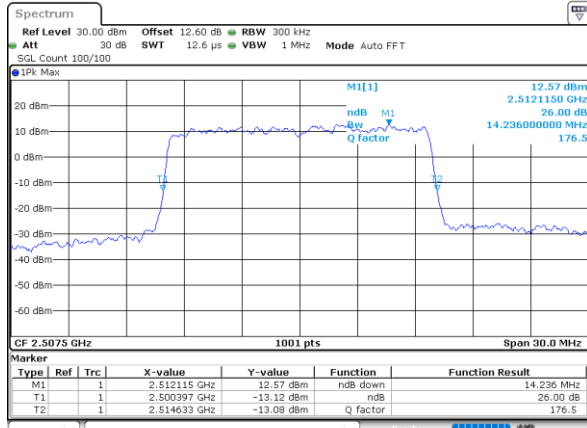


Date: 24.MAY.2020 11:34:00



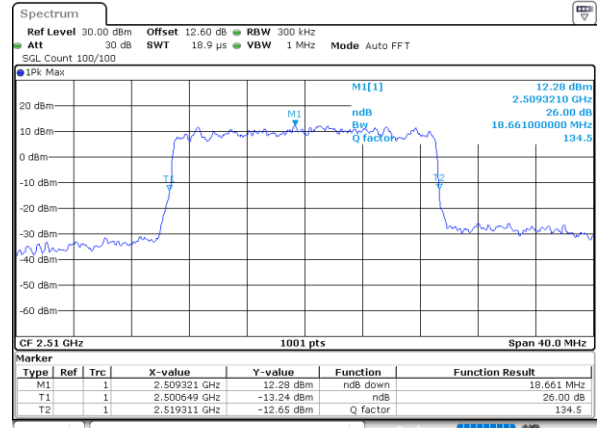
## LTE Band 7

## Lowest Channel / 15MHz / 64QAM



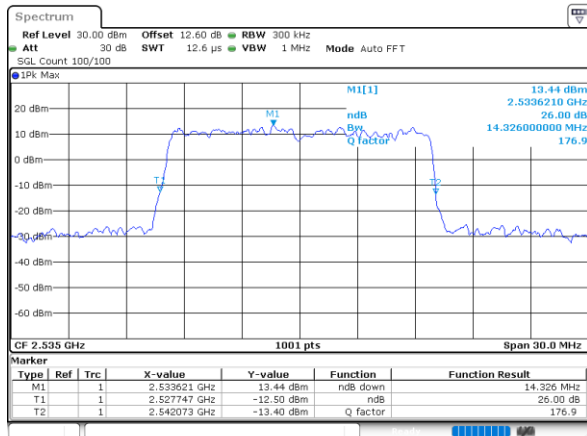
Date: 24.MAY.2020 11:52:38

## Lowest Channel / 20MHz / 64QAM



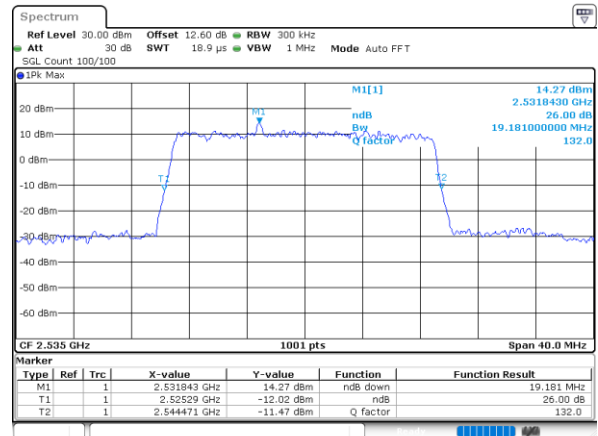
Date: 24.MAY.2020 12:15:43

## Middle Channel / 15MHz / 64QAM



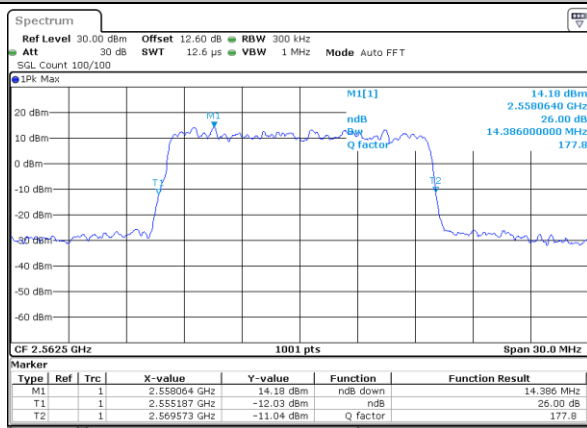
Date: 24.MAY.2020 11:55:52

## Middle Channel / 20MHz / 64QAM



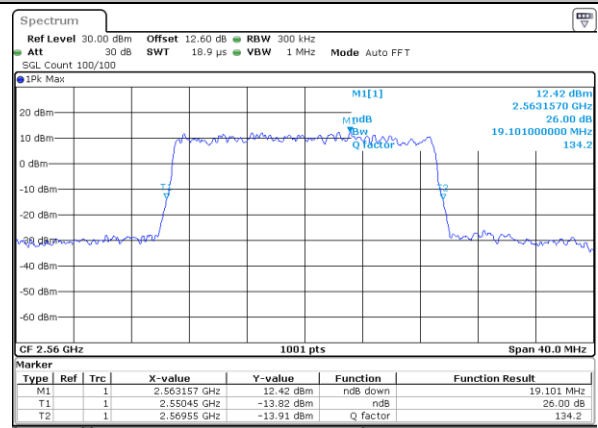
Date: 24.MAY.2020 12:18:57

## Highest Channel / 15MHz / 64QAM



Date: 24.MAY.2020 11:57:05

## Highest Channel / 20MHz / 64QAM



Date: 24.MAY.2020 12:20:09

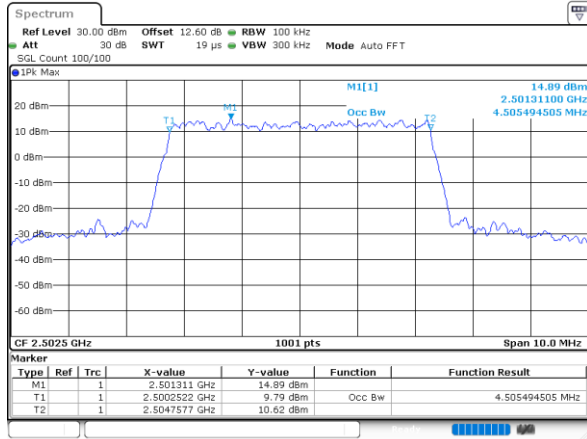
**Occupied Bandwidth**

| 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  | -                        | -     | -     | -     | 4.51  | 4.51  | 9.09  | 9.03  | 13.40 | 13.46 | 17.78 | 17.82 |
| Middle CH  | -                        | -     | -     | -     | 4.51  | 4.49  | 9.05  | 9.03  | 13.43 | 13.43 | 17.90 | 17.82 |
| Highest CH | -                        | -     | -     | -     | 4.50  | 4.48  | 9.03  | 9.03  | 13.46 | 13.37 | 17.78 | 17.86 |
| Mode       | LTE Band 7 : 99%OBW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                   |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                    |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                        | -     | -     | -     | 4.51  | -     | 8.99  | -     | 13.37 | -     | 17.90 | -     |
| Middle CH  | -                        | -     | -     | -     | 4.49  | -     | 9.03  | -     | 13.43 | -     | 17.86 | -     |
| Highest CH | -                        | -     | -     | -     | 4.49  | -     | 9.03  | -     | 13.46 | -     | 17.86 | -     |

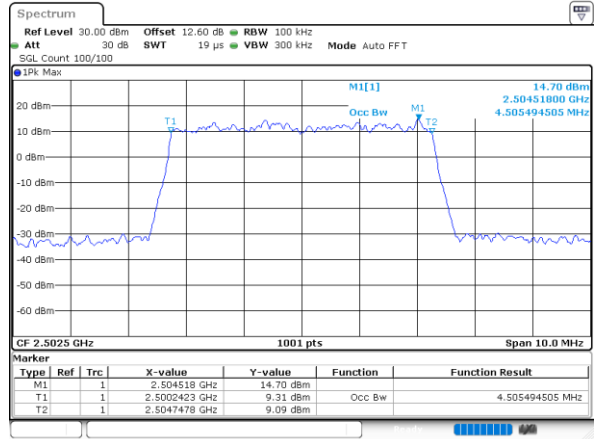


## LTE Band 7

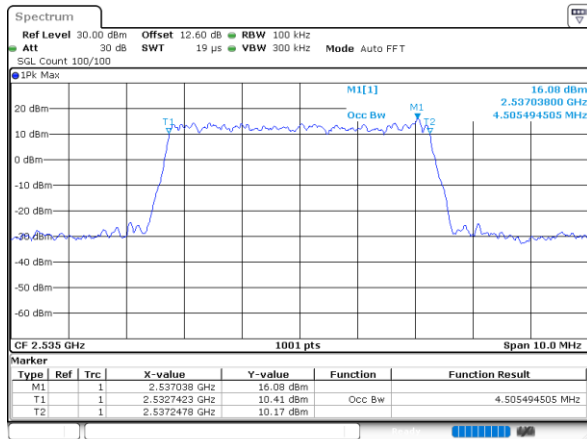
## Lowest Channel / 5MHz / QPSK



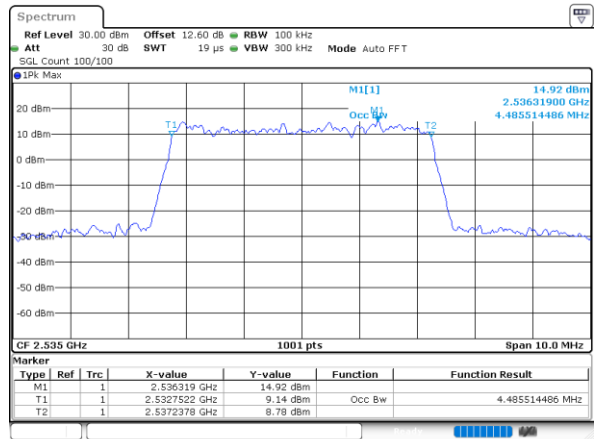
## Lowest Channel / 5MHz / 16QAM



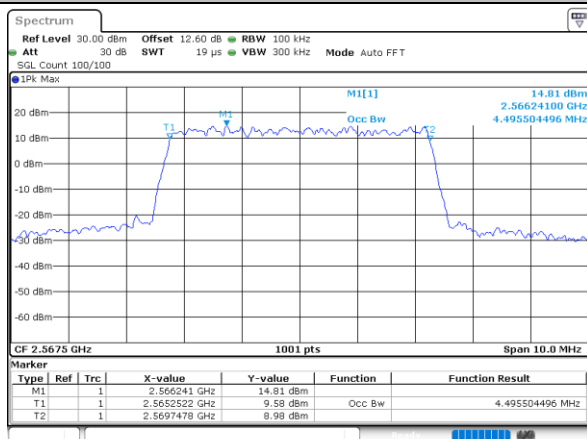
## Middle Channel / 5MHz / QPSK



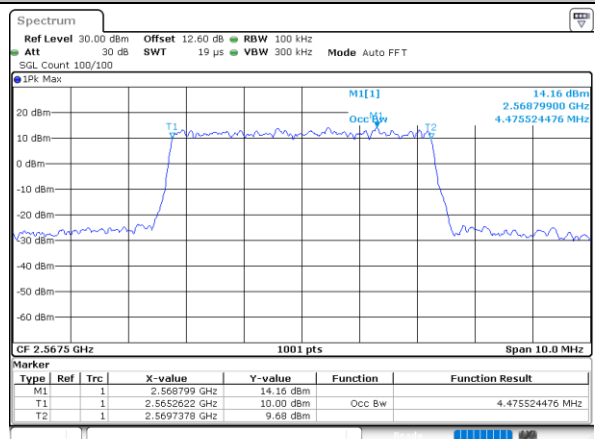
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



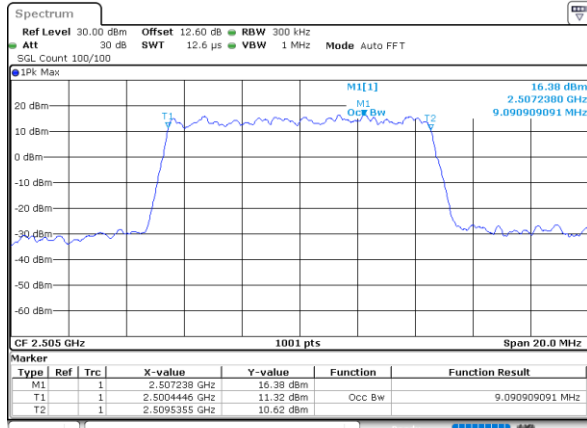
## Highest Channel / 5MHz / 16QAM





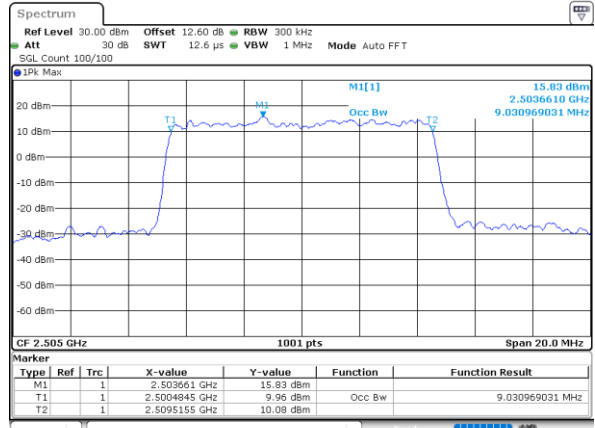
## LTE Band 7

## Lowest Channel / 10MHz / QPSK



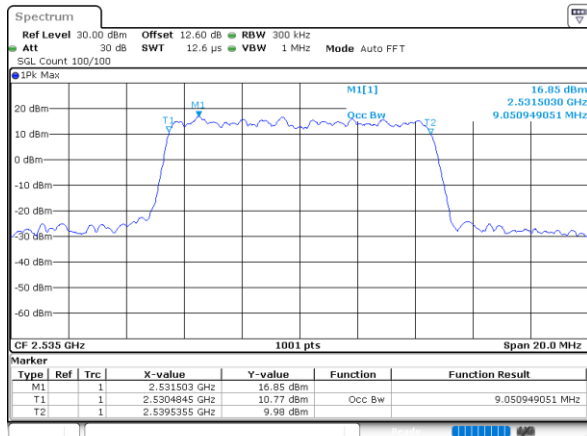
Date: 24.MAY.2020 11:14:00

## Lowest Channel / 10MHz / 16QAM



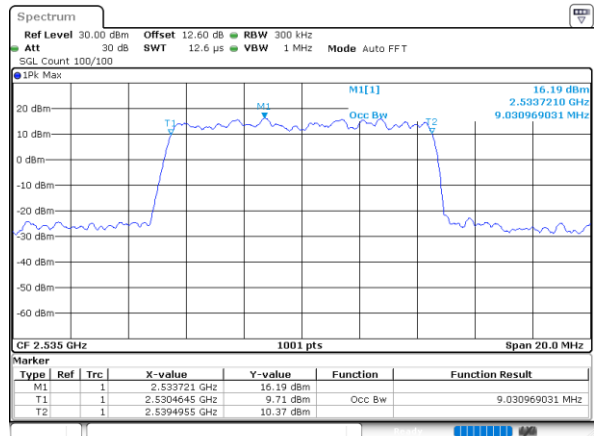
Date: 24.MAY.2020 11:14:12

## Middle Channel / 10MHz / QPSK



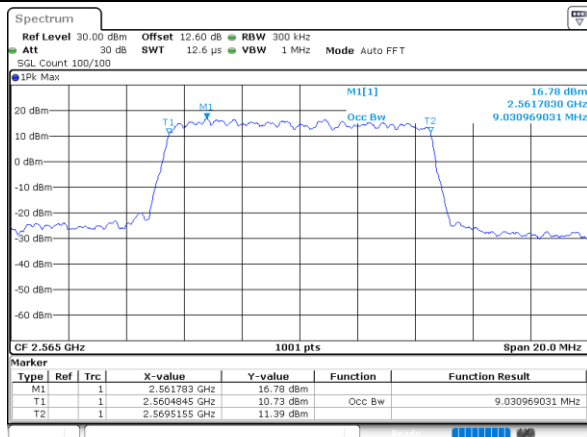
Date: 24.MAY.2020 11:20:28

## Middle Channel / 10MHz / 16QAM



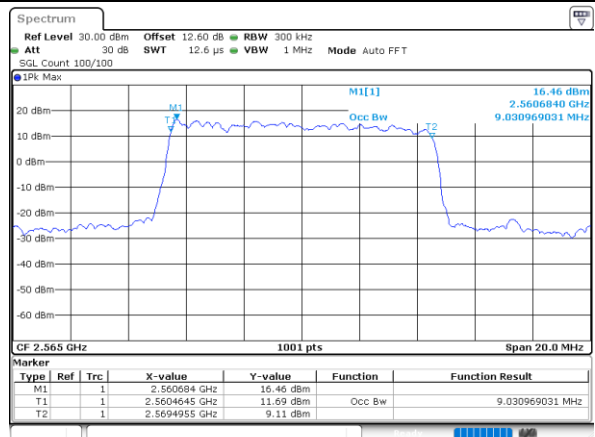
Date: 24.MAY.2020 11:20:40

## Highest Channel / 10MHz / QPSK



Date: 24.MAY.2020 11:22:53

## Highest Channel / 10MHz / 16QAM

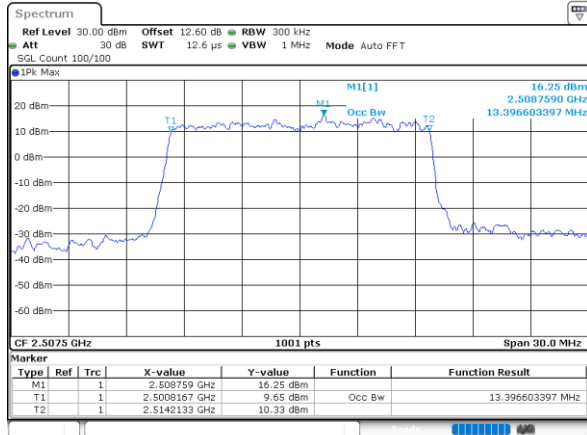


Date: 24.MAY.2020 11:23:04

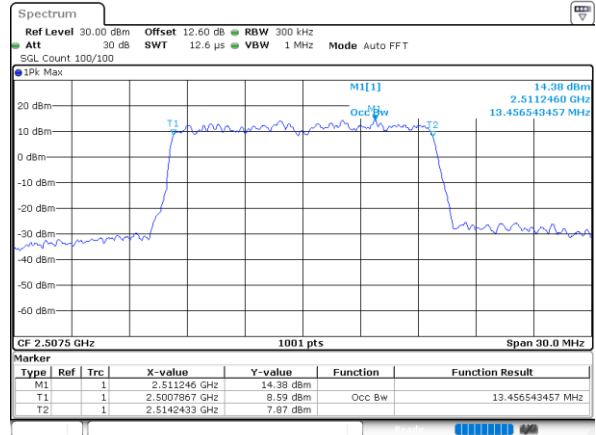


## LTE Band 7

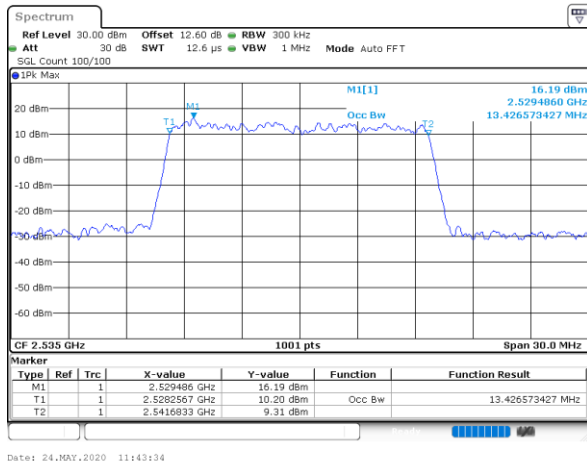
## Lowest Channel / 15MHz / QPSK



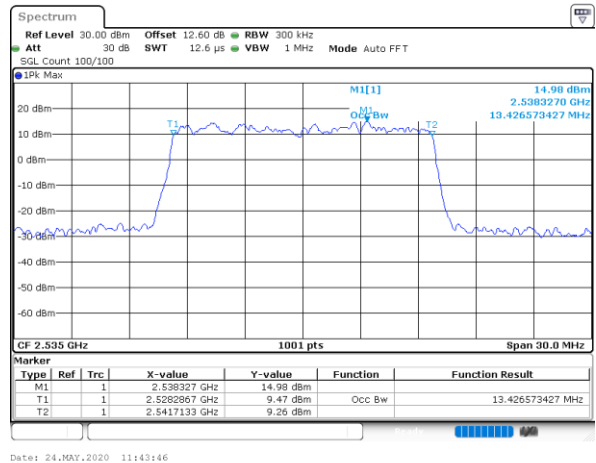
## Lowest Channel / 15MHz / 16QAM



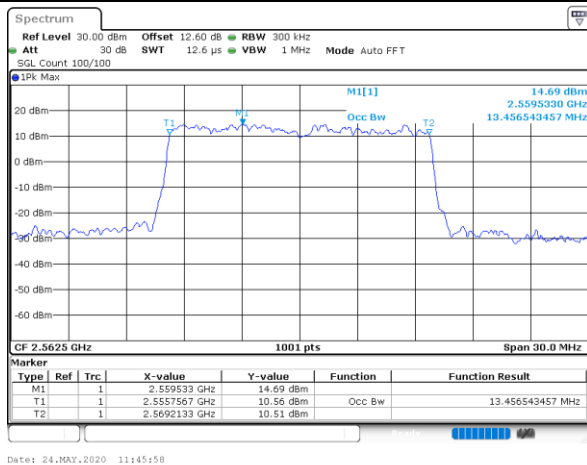
## Middle Channel / 15MHz / QPSK



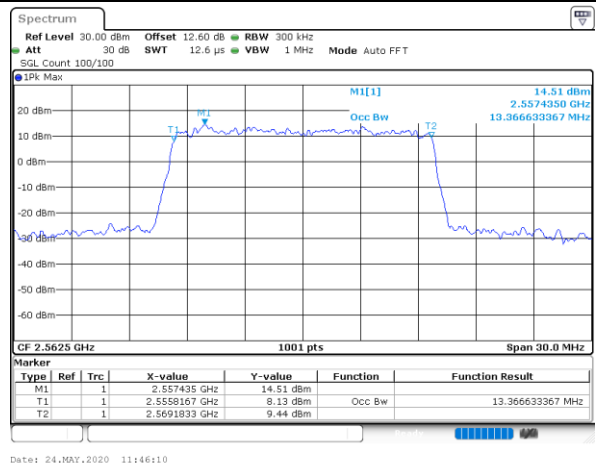
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



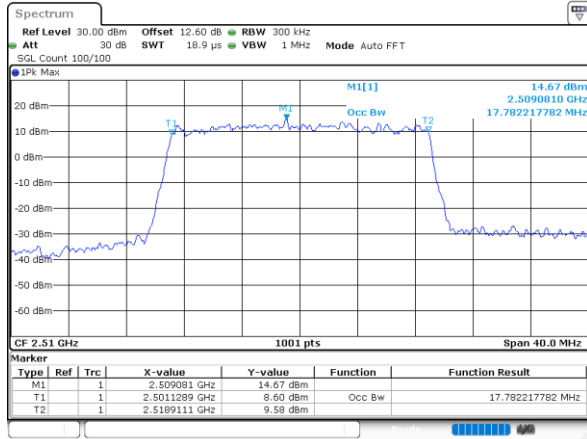
## Highest Channel / 15MHz / 16QAM



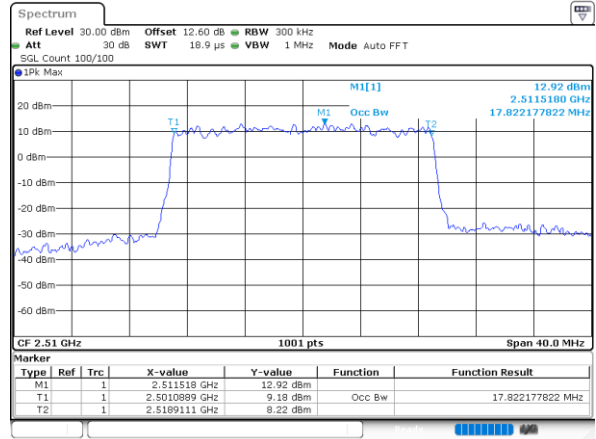


## LTE Band 7

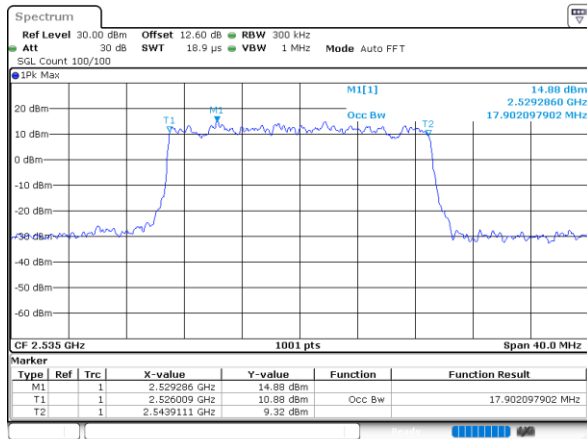
## Lowest Channel / 20MHz / QPSK



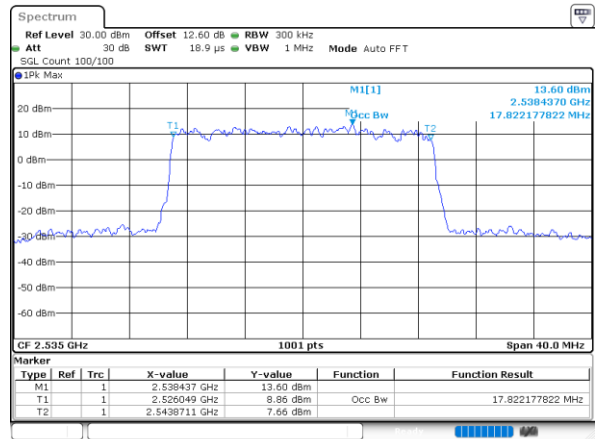
## Lowest Channel / 20MHz / 16QAM



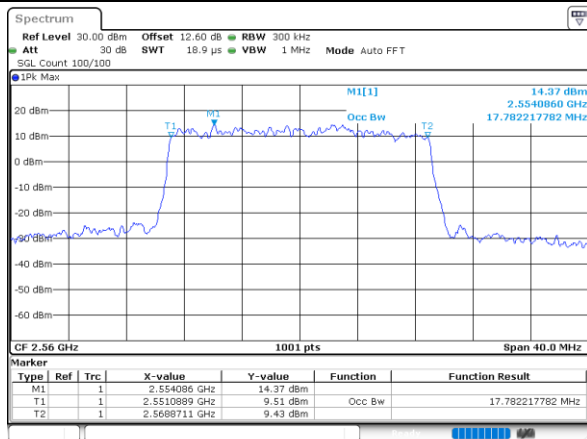
## Middle Channel / 20MHz / QPSK



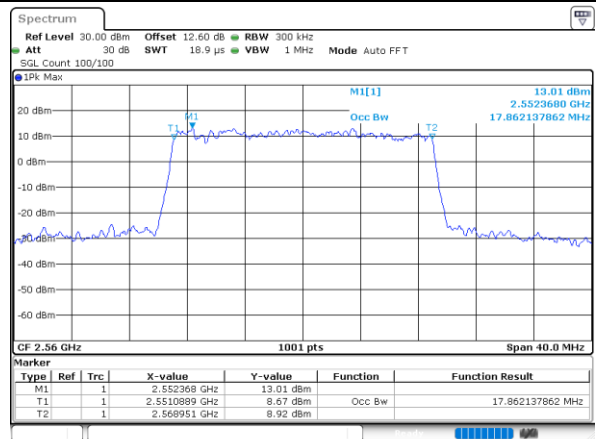
## Middle Channel / 20MHz / 16QAM



## Highest Channel / 20MHz / QPSK



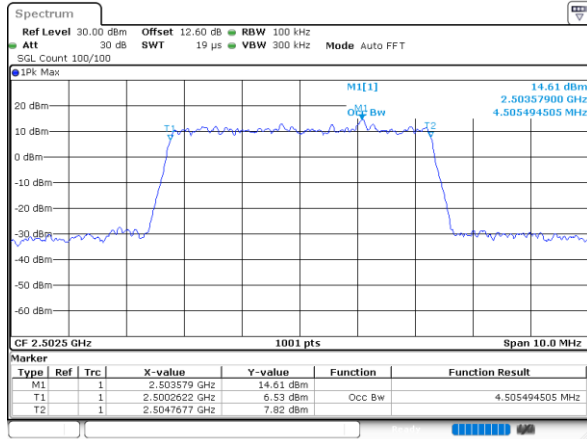
## Highest Channel / 20MHz / 16QAM



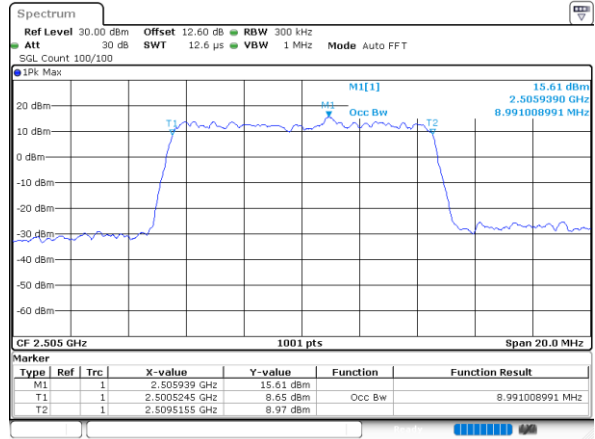


## LTE Band 7

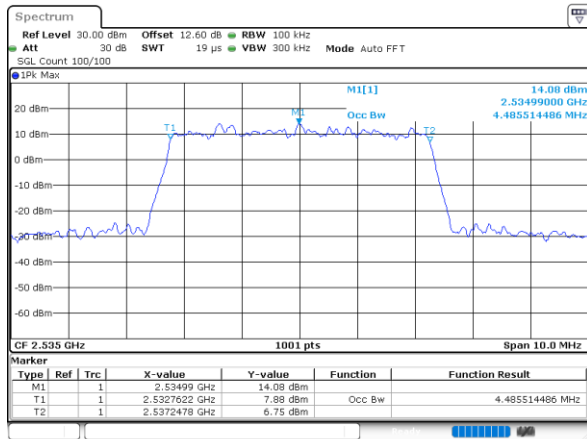
## Lowest Channel / 5MHz / 64QAM



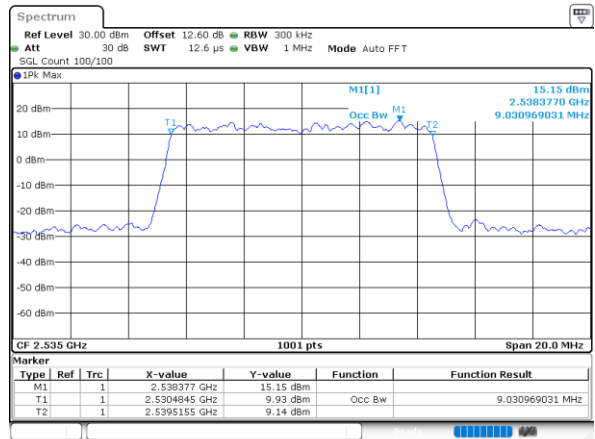
## Lowest Channel / 10MHz / 64QAM



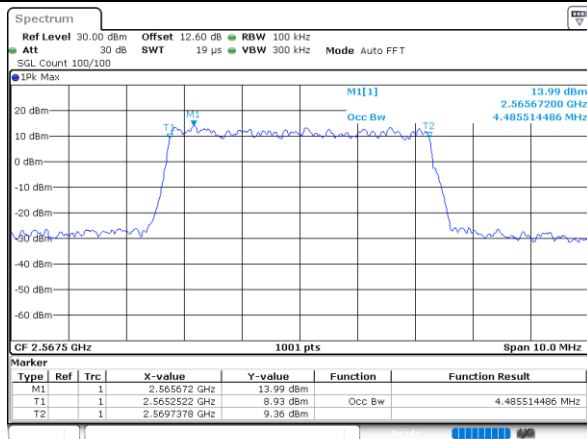
## Middle Channel / 5MHz / 64QAM



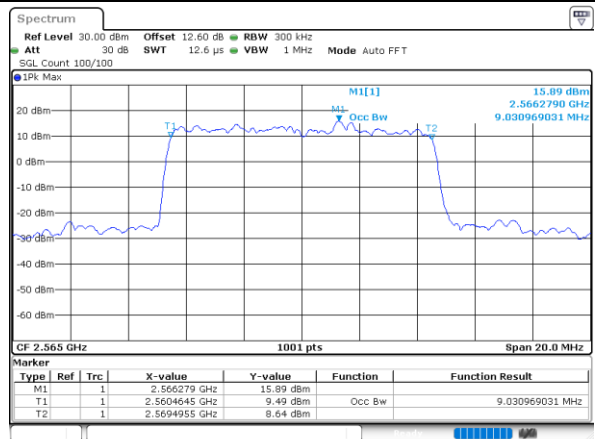
## Middle Channel / 10MHz / 64QAM



## Highest Channel / 5MHz / 64QAM



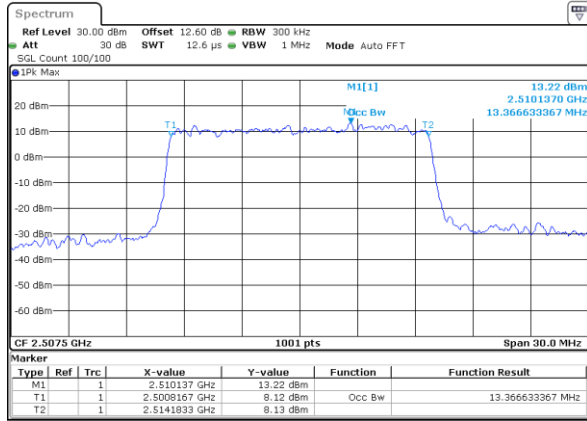
## Highest Channel / 10MHz / 64QAM





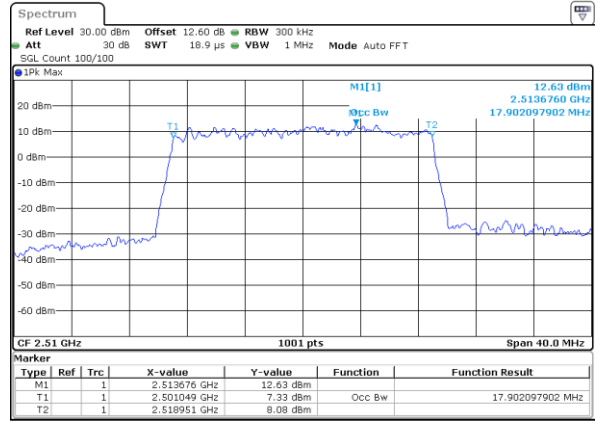
## LTE Band 7

## Lowest Channel / 15MHz / 64QAM



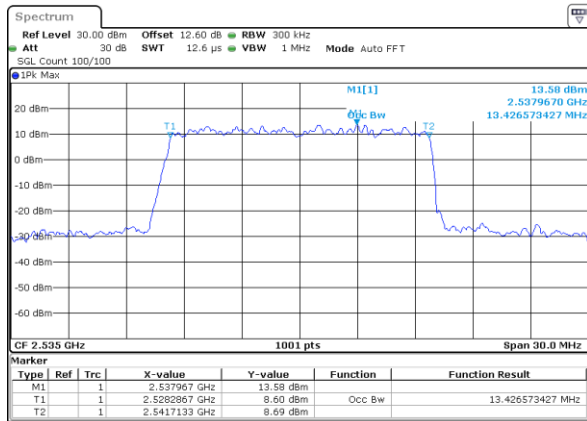
Date: 24.MAY.2020 11:52:26

## Lowest Channel / 20MHz / 64QAM



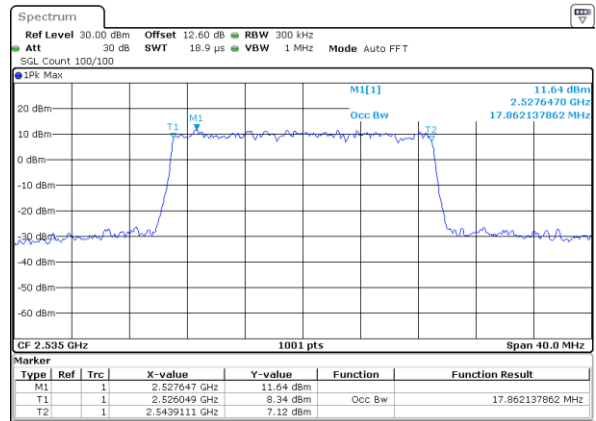
Date: 24.MAY.2020 12:15:31

## Middle Channel / 15MHz / 64QAM



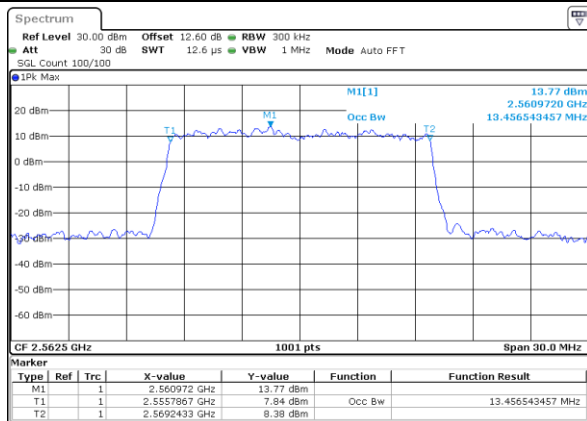
Date: 24.MAY.2020 11:55:41

## Middle Channel / 20MHz / 64QAM



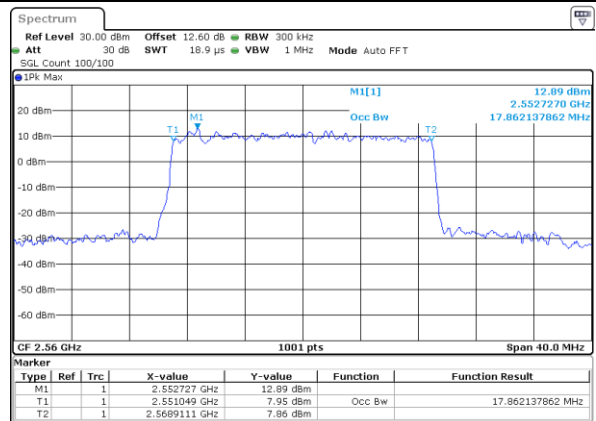
Date: 24.MAY.2020 12:18:45

## Highest Channel / 15MHz / 64QAM

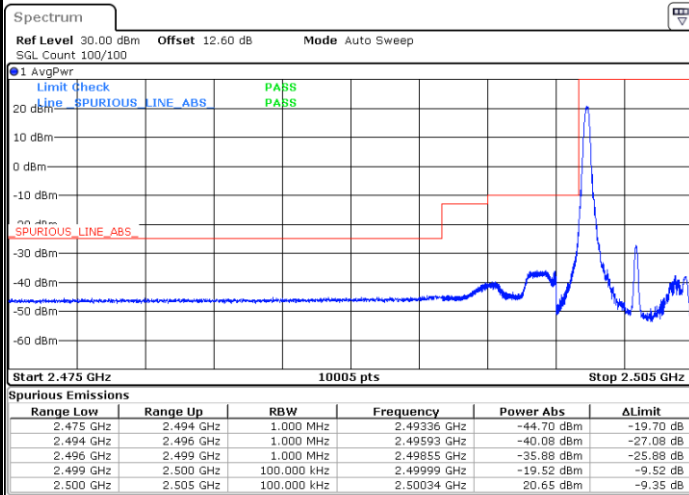
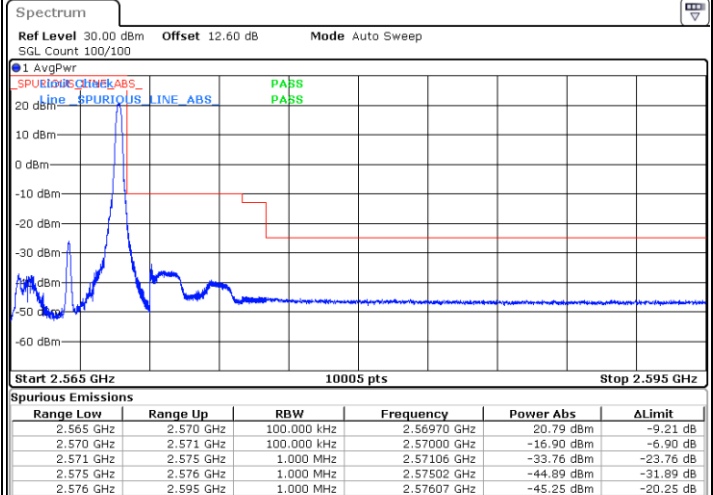
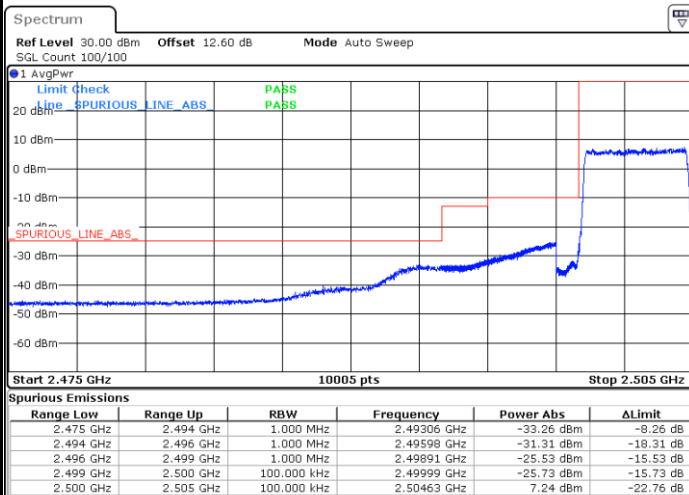
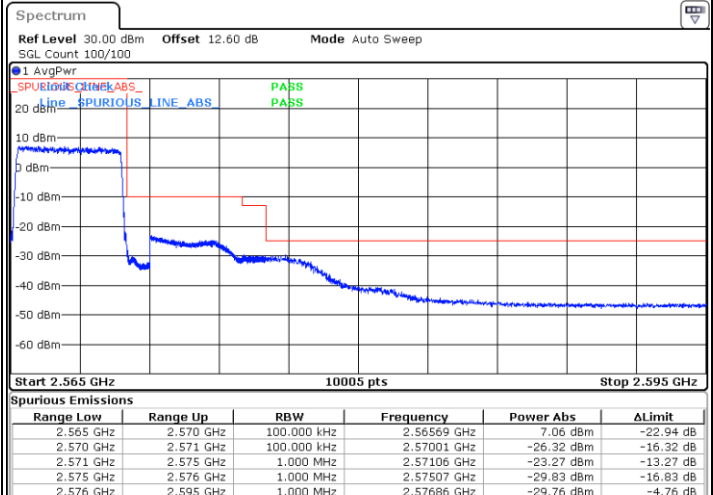


Date: 24.MAY.2020 11:56:53

## Highest Channel / 20MHz / 64QAM



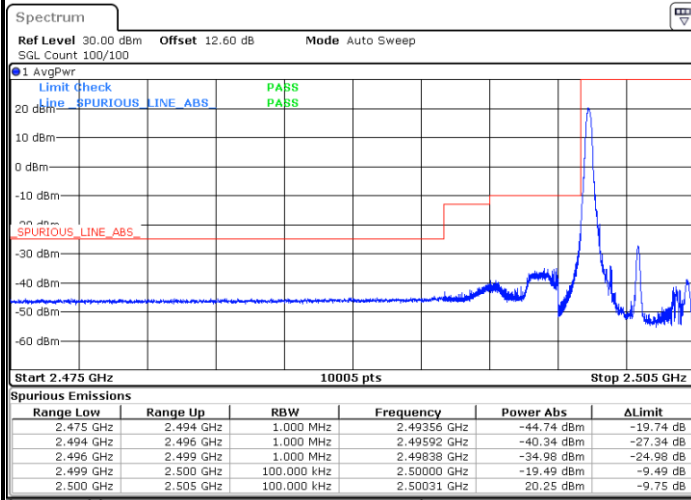
Date: 24.MAY.2020 12:19:57

**Conducted Band Edge****LTE Band 7 / 5MHz / QPSK****Lowest Band Edge / 1 RB****Highest Band Edge / 1 RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

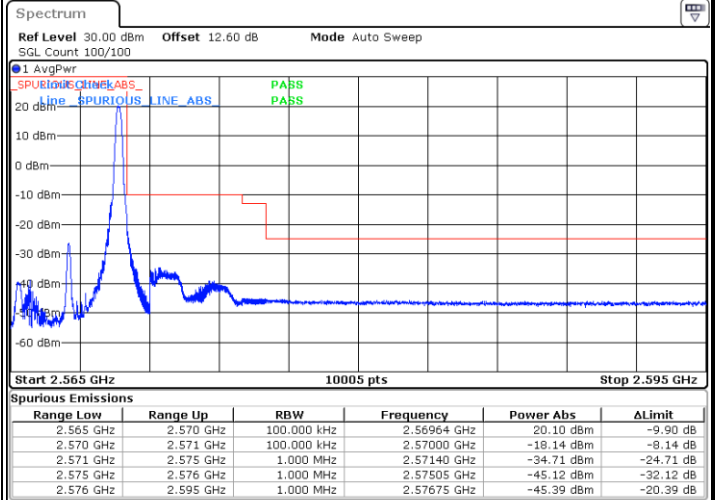


## LTE Band 7 / 5MHz / 16QAM

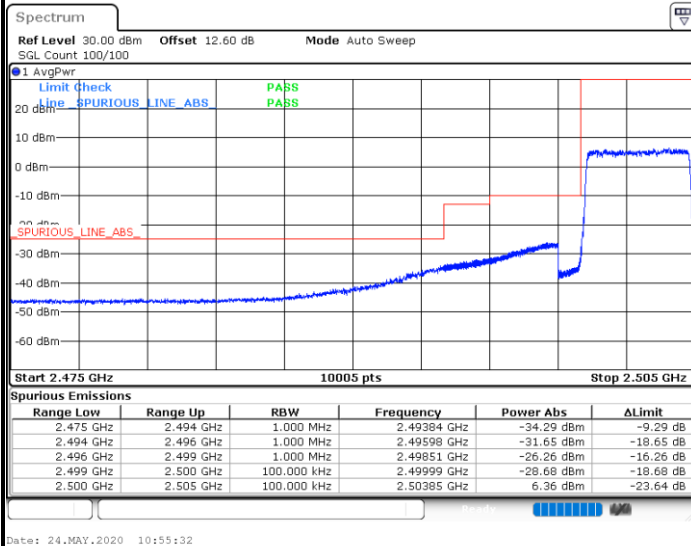
## Lowest Band Edge / 1 RB



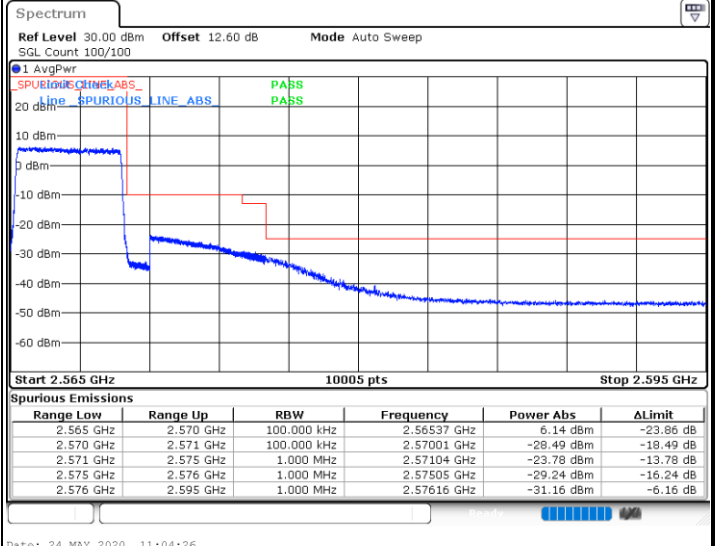
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



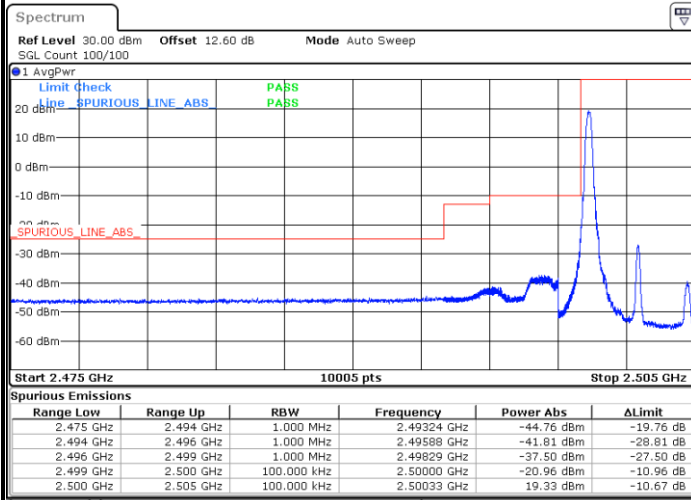
## Highest Band Edge / Full RB



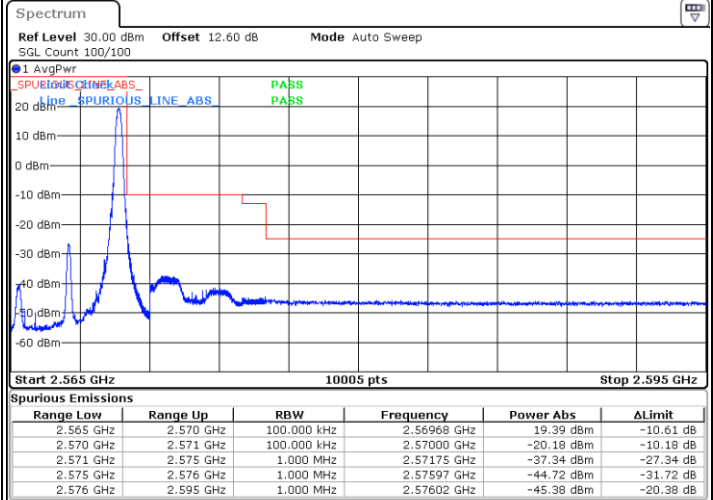


## LTE Band 7 / 5MHz / 64QAM

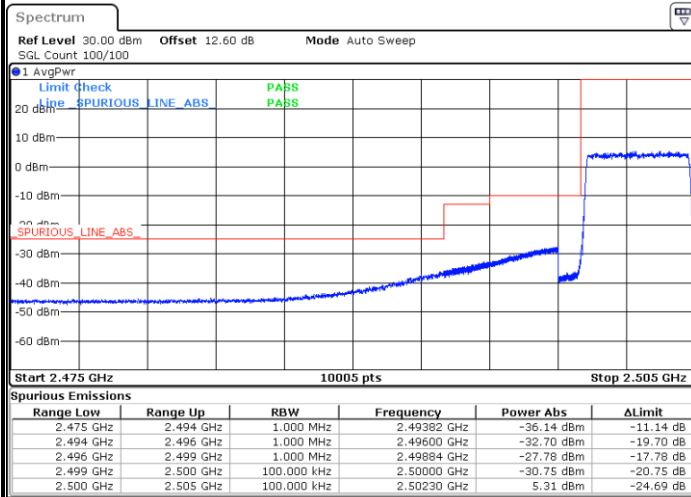
## Lowest Band Edge / 1RB



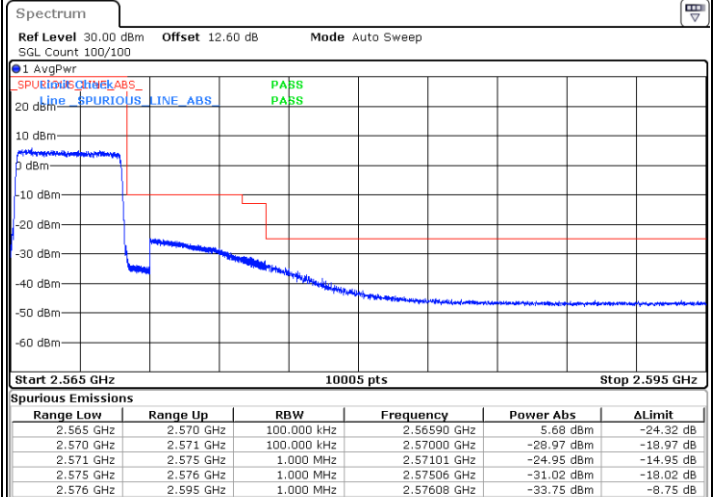
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



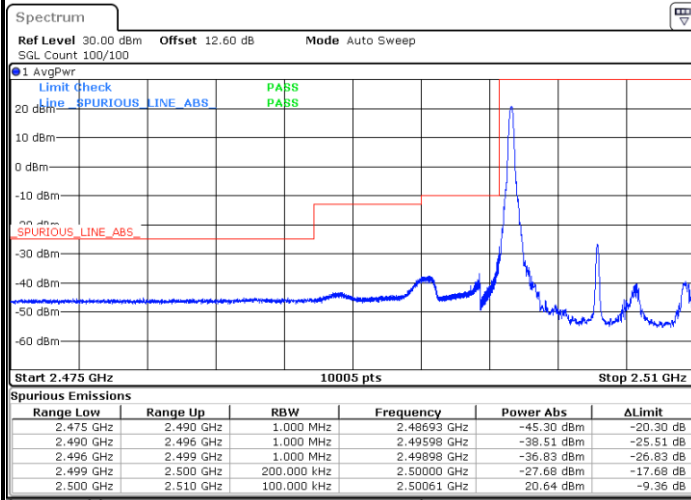
## Highest Band Edge / Full RB



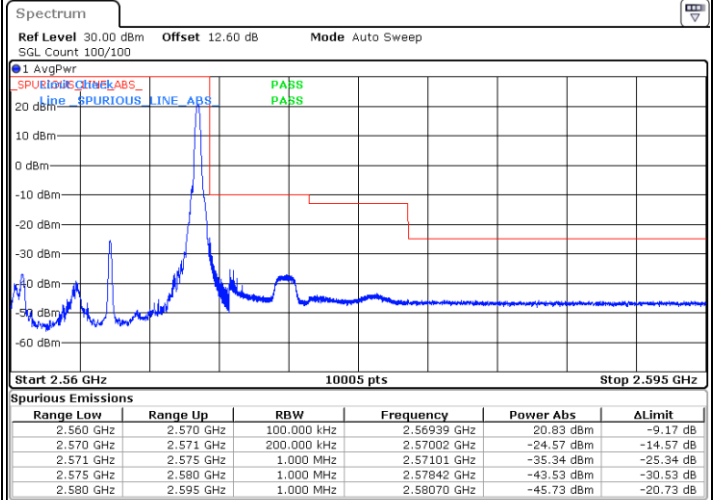


## LTE Band 7 / 10MHz / QPSK

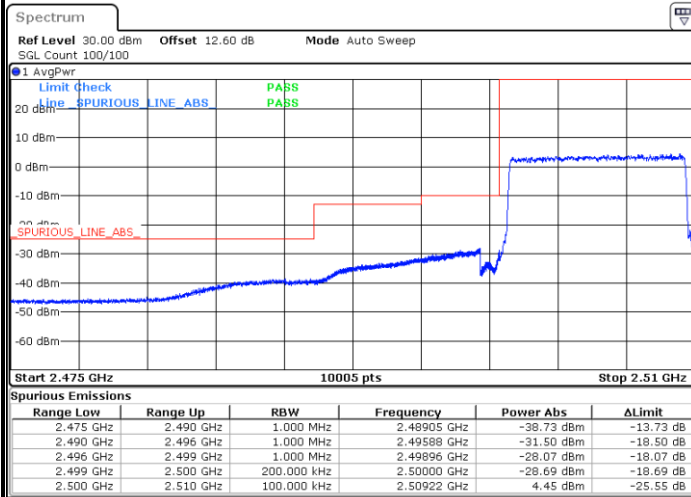
## Lowest Band Edge / 1 RB



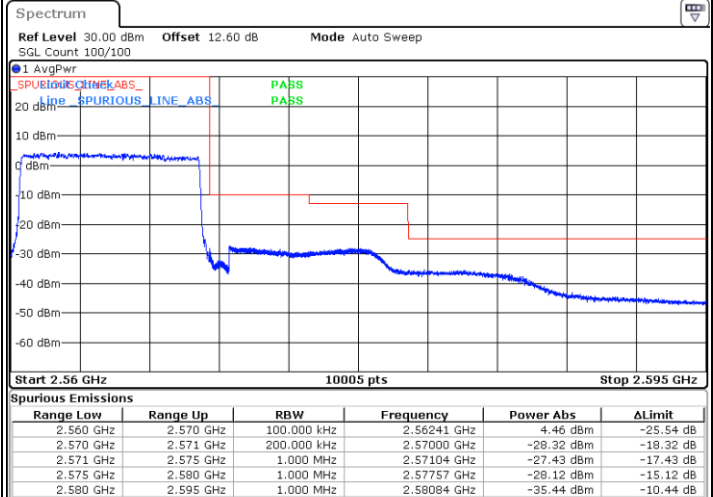
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



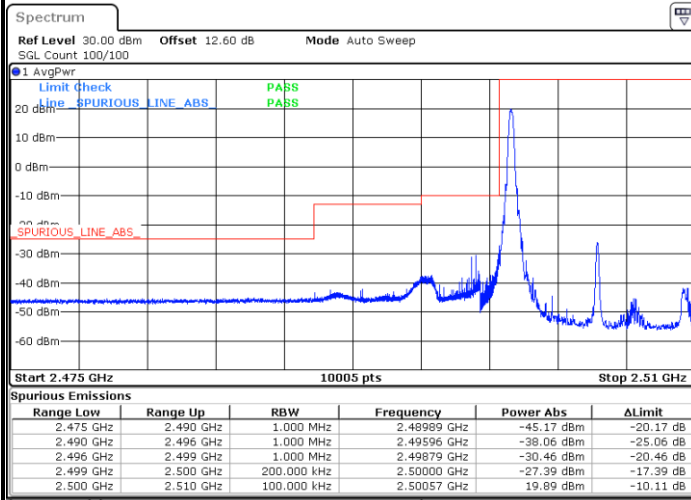
## Highest Band Edge / Full RB



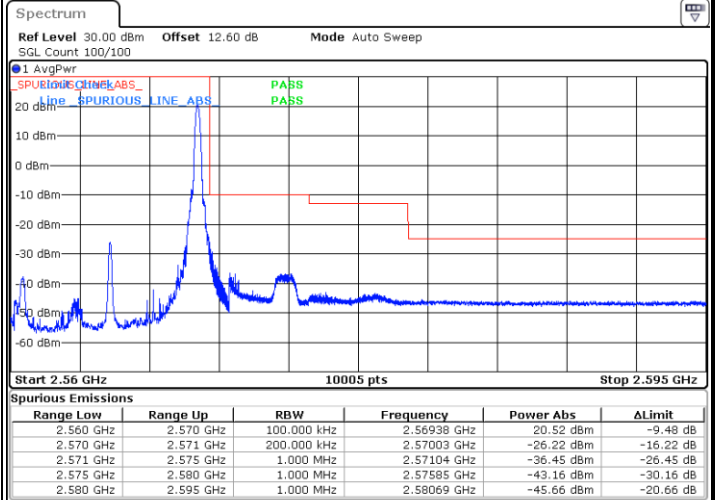


## LTE Band 7 / 10MHz / 16QAM

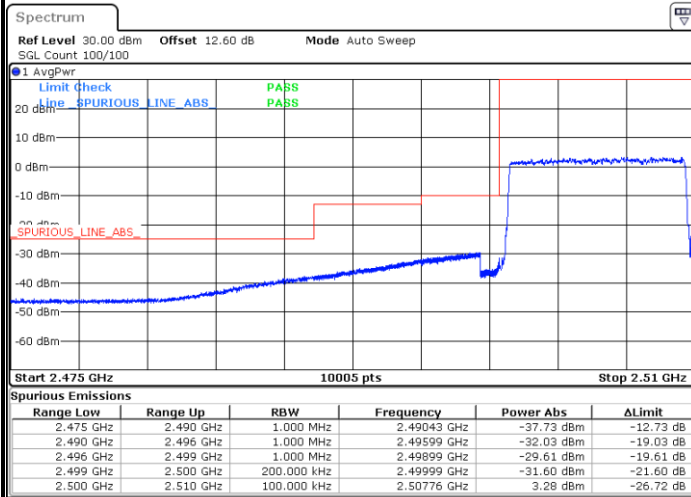
## Lowest Band Edge / 1 RB



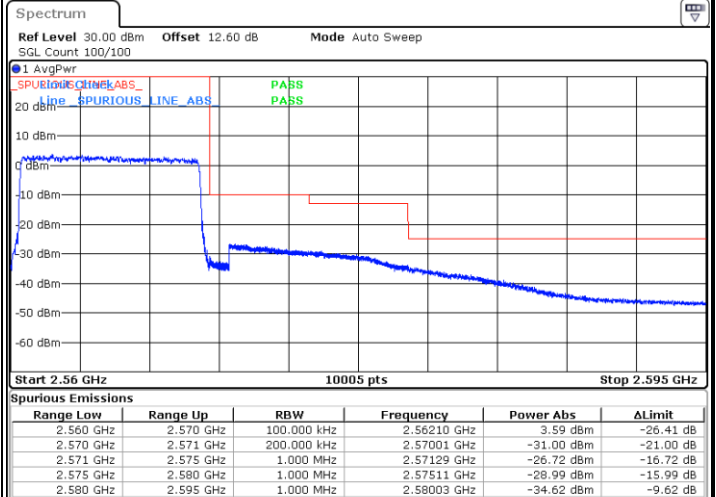
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



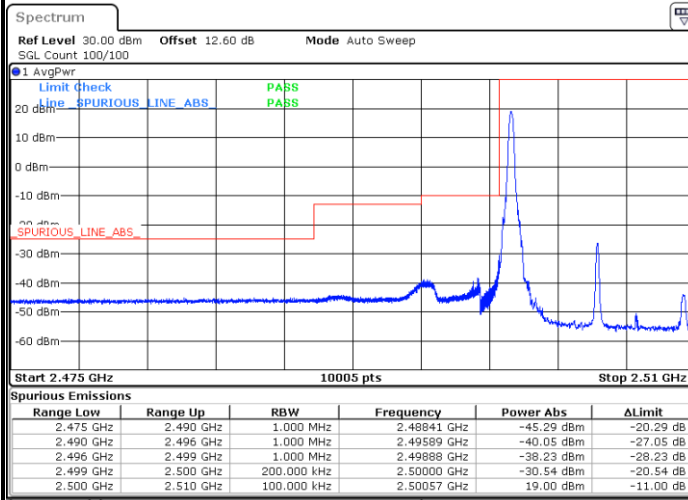
## Highest Band Edge / Full RB



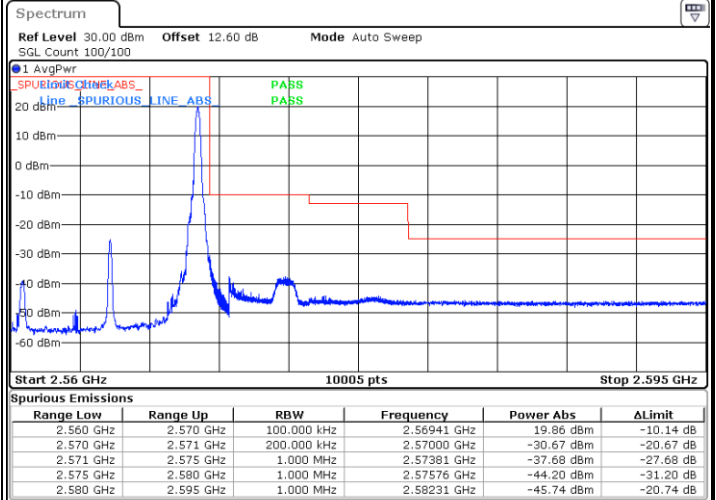


## LTE Band 7 / 10MHz / 64QAM

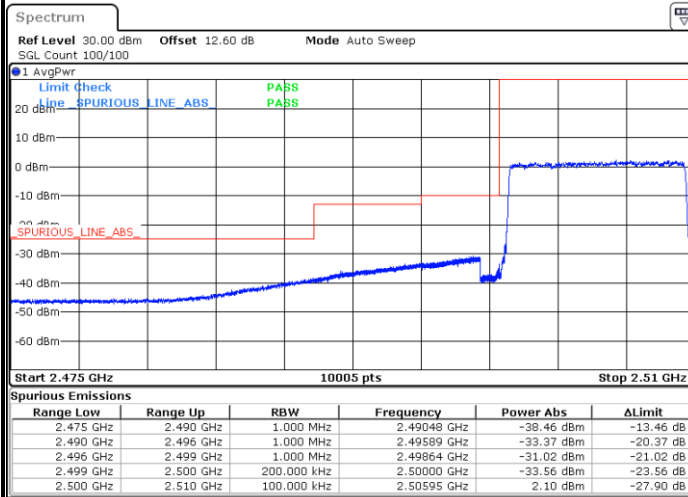
## Lowest Band Edge / 1 RB



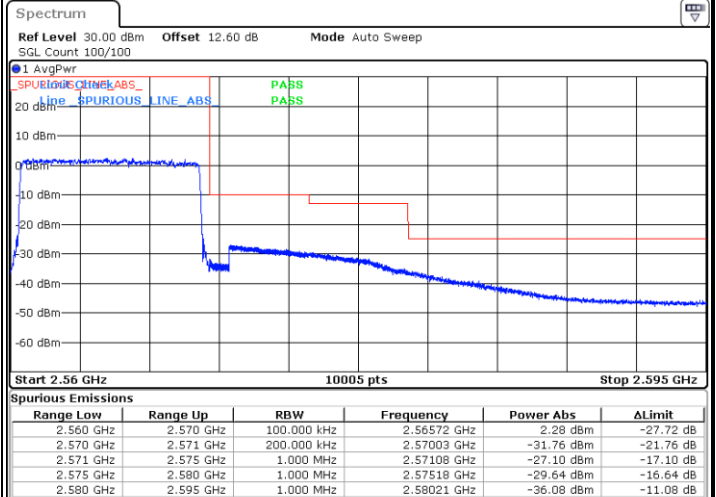
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



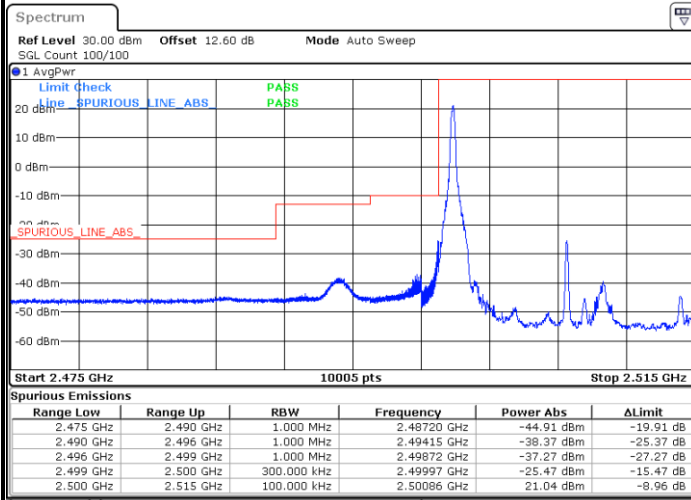
## Highest Band Edge / Full RB



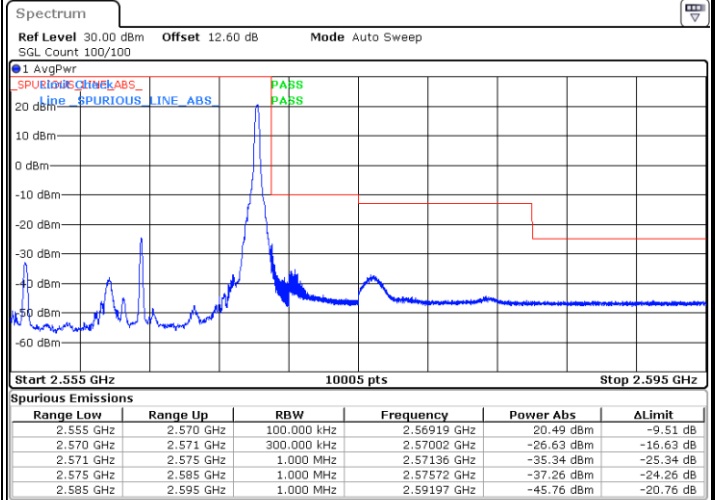


## LTE Band 7 / 15MHz / QPSK

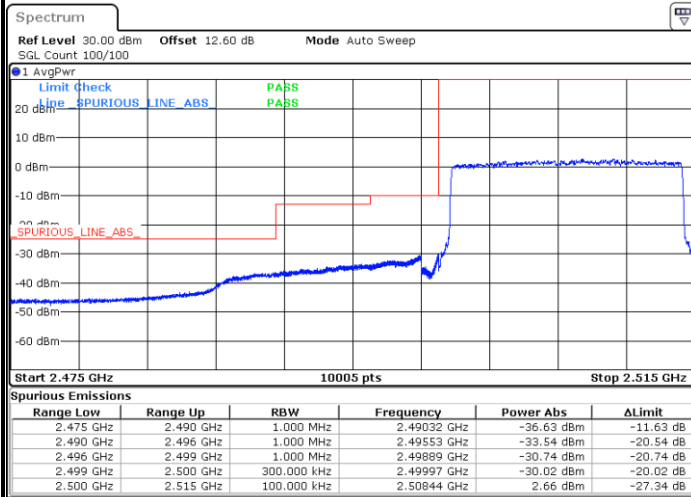
## Lowest Band Edge / 1 RB



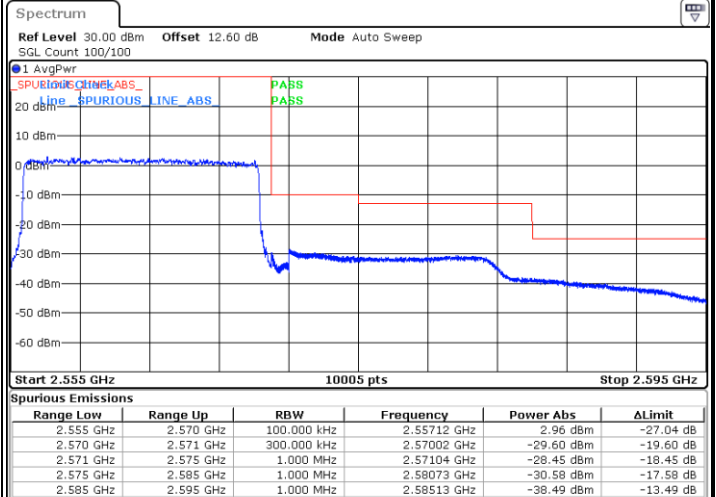
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



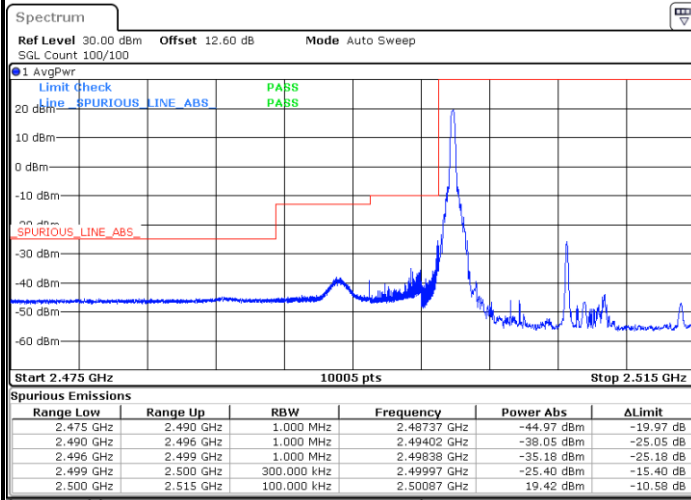
## Highest Band Edge / Full RB



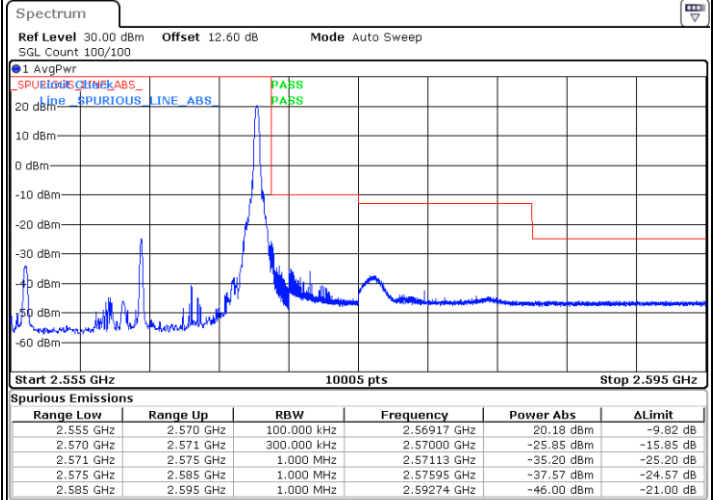


## LTE Band 7 / 15MHz / 16QAM

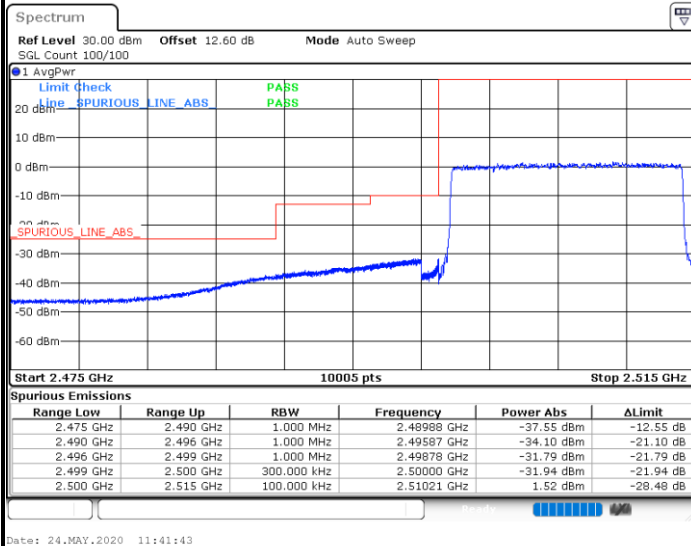
## Lowest Band Edge / 1 RB



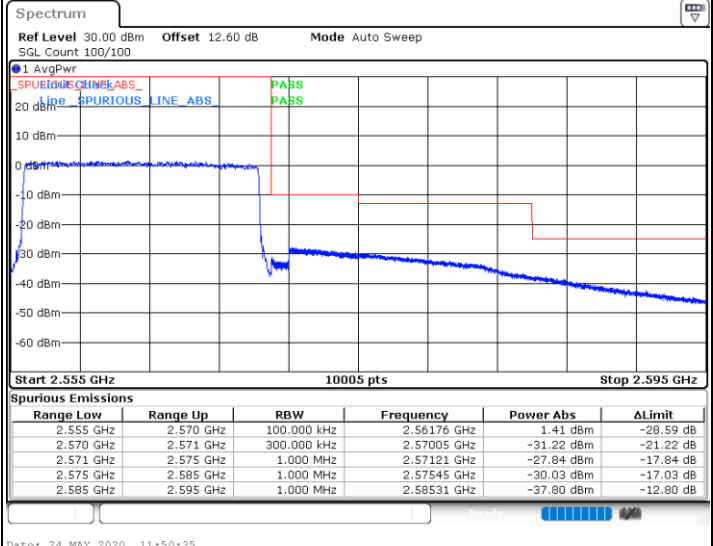
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



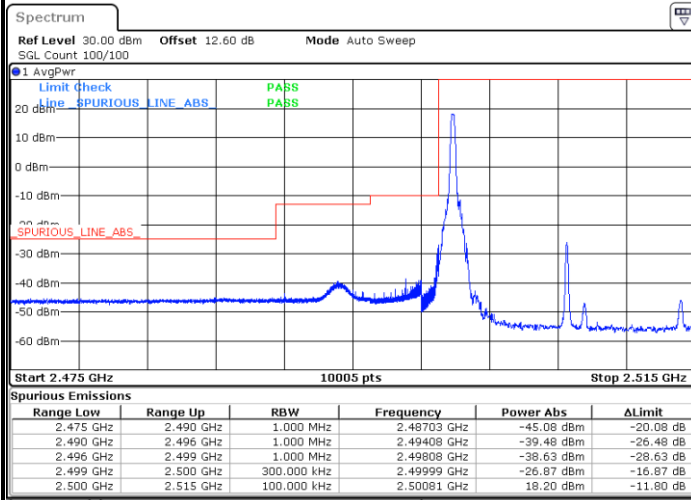
## Highest Band Edge / Full RB



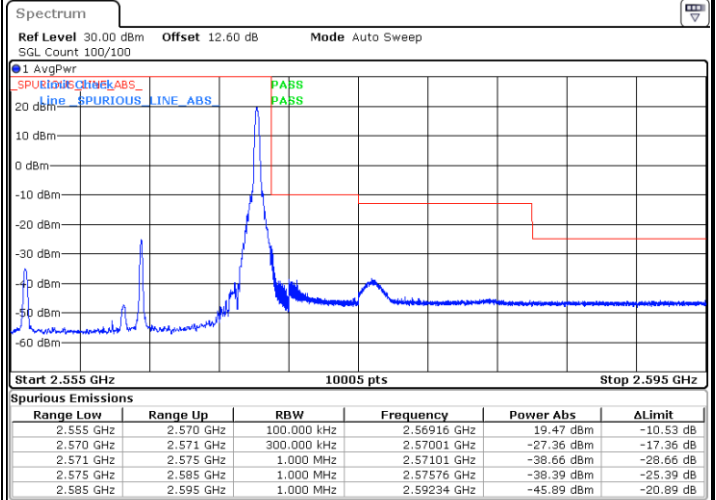


## LTE Band 7 / 15MHz / 64QAM

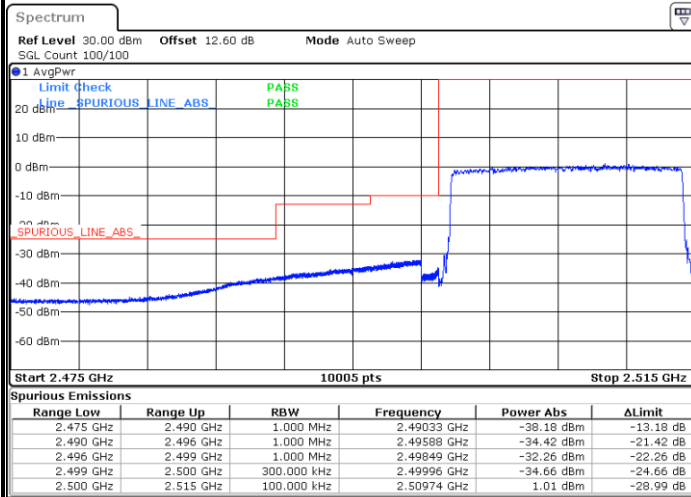
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

