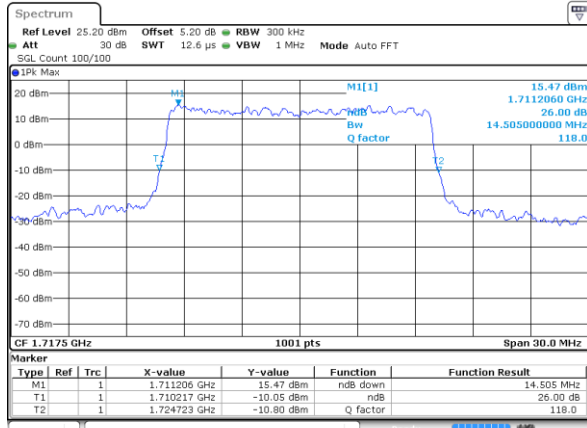


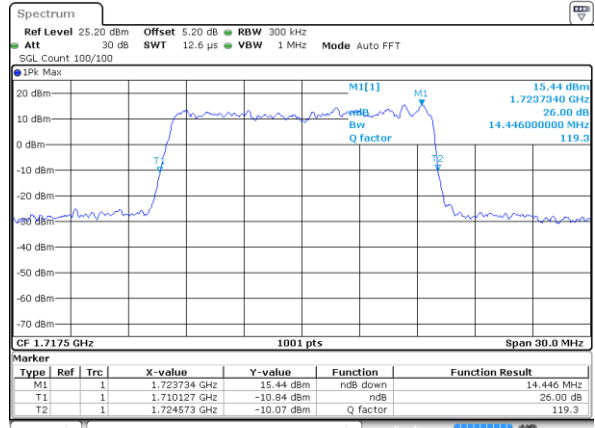


## LTE Band 4

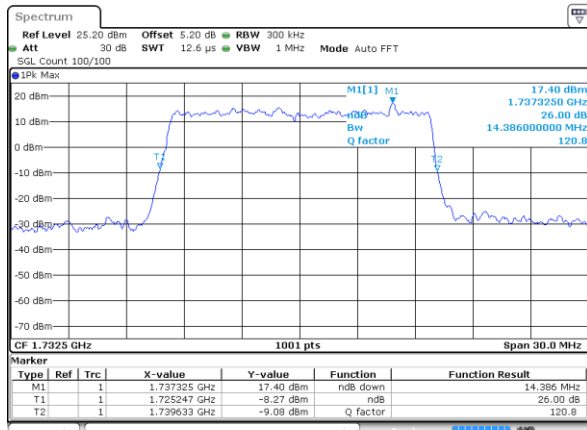
## Lowest Channel / 15MHz / QPSK



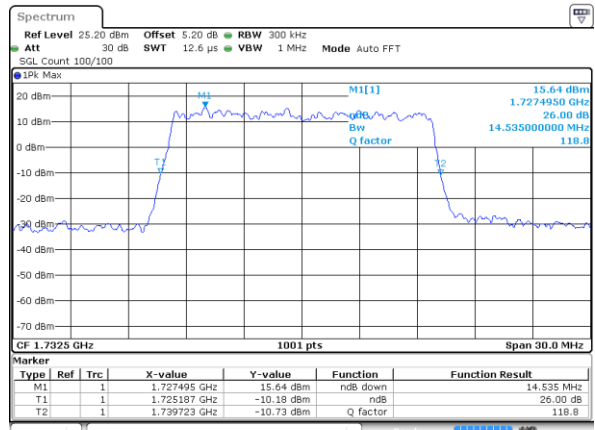
## Lowest Channel / 15MHz / 16QAM



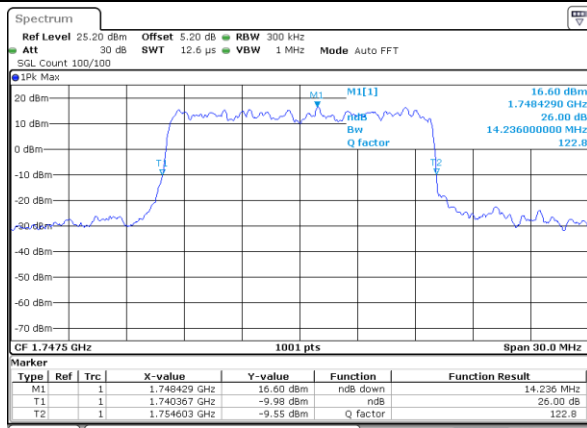
## Middle Channel / 15MHz / QPSK



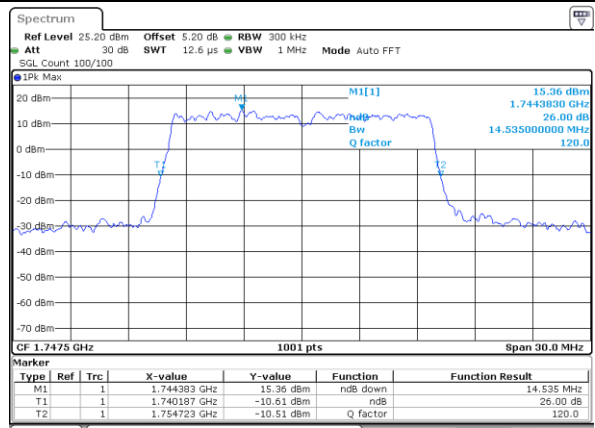
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



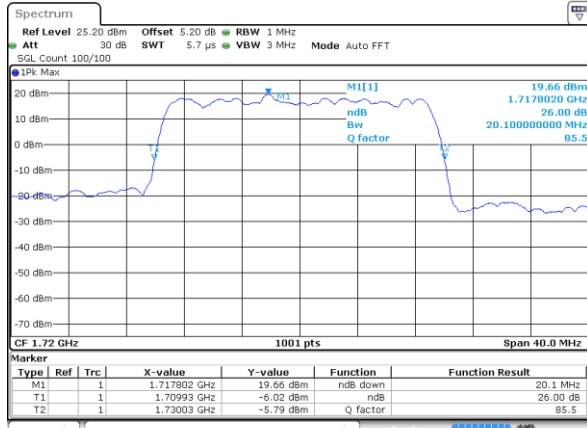
## Highest Channel / 15MHz / 16QAM





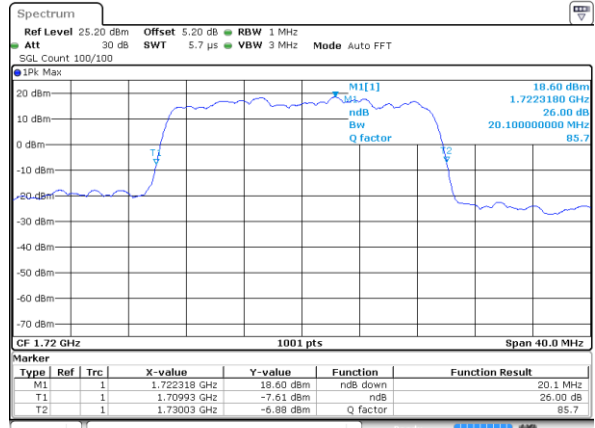
## LTE Band 4

## Lowest Channel / 20MHz / QPSK



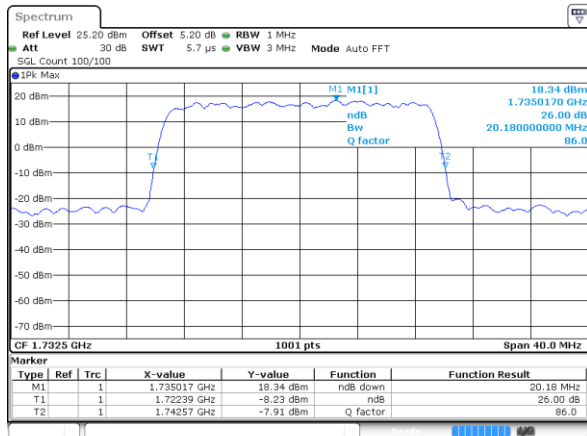
Date: 16 JAN 2020 02:10:59

## Lowest Channel / 20MHz / 16QAM



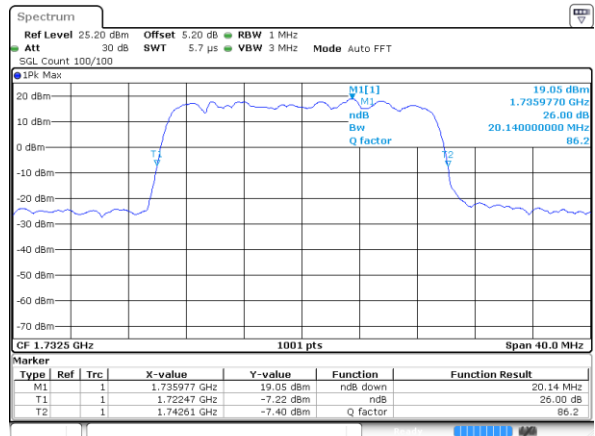
Date: 16 JAN 2020 02:11:09

## Middle Channel / 20MHz / QPSK



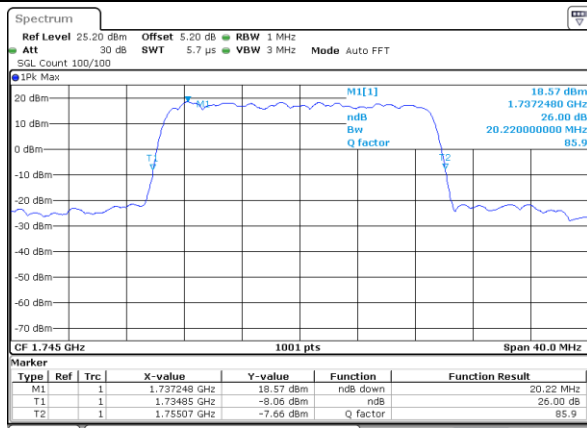
Date: 16 JAN 2020 02:17:58

## Middle Channel / 20MHz / 16QAM



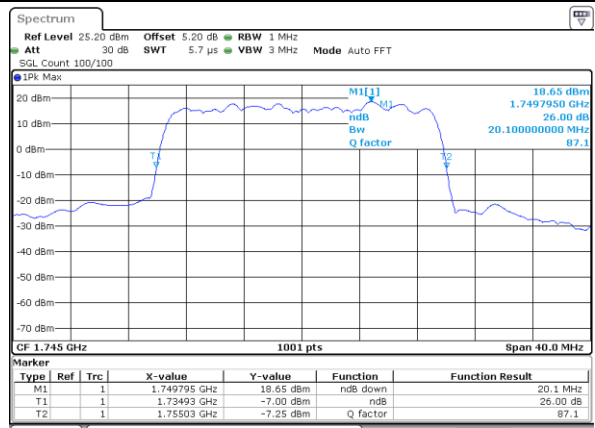
Date: 16 JAN 2020 02:18:08

## Highest Channel / 20MHz / QPSK



Date: 16 JAN 2020 02:20:27

## Highest Channel / 20MHz / 16QAM



Date: 16 JAN 2020 02:20:36

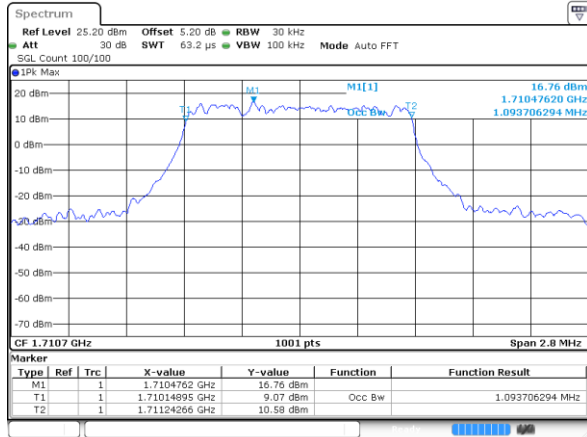
**Occupied Bandwidth**

| Mode       | LTE Band 4 : 99%OBW(MHz) |       |       |       |       |       |       |       |        |        |        |        |
|------------|--------------------------|-------|-------|-------|-------|-------|-------|-------|--------|--------|--------|--------|
| BW         | 1.4MHz                   |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz  |        | 20MHz  |        |
| Mod.       | QPSK                     | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK   | 16QAM  | QPSK   | 16QAM  |
| Lowest CH  | 1.094                    | 1.088 | 2.721 | 2.721 | 4.515 | 4.496 | 9.051 | 9.031 | 13.397 | 13.427 | 18.541 | 18.422 |
| Middle CH  | 1.094                    | 1.097 | 2.715 | 2.721 | 4.486 | 4.496 | 9.051 | 8.971 | 13.367 | 13.397 | 18.222 | 18.302 |
| Highest CH | 1.091                    | 1.094 | 2.721 | 2.715 | 4.476 | 4.505 | 8.991 | 8.991 | 13.457 | 13.457 | 18.382 | 18.222 |

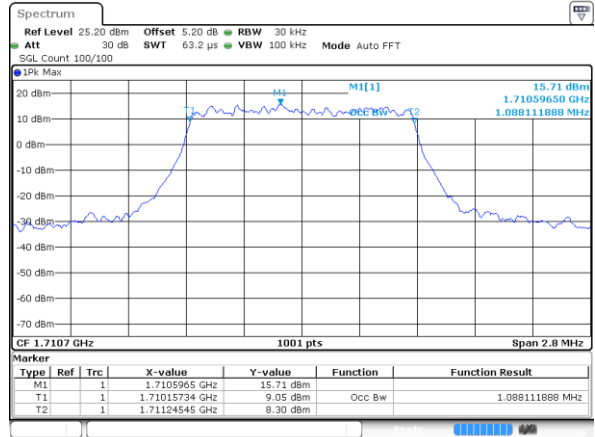


## LTE Band 4

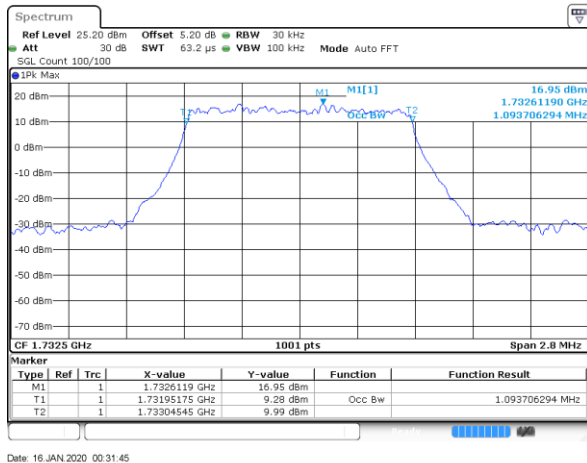
## Lowest Channel / 1.4MHz / QPSK



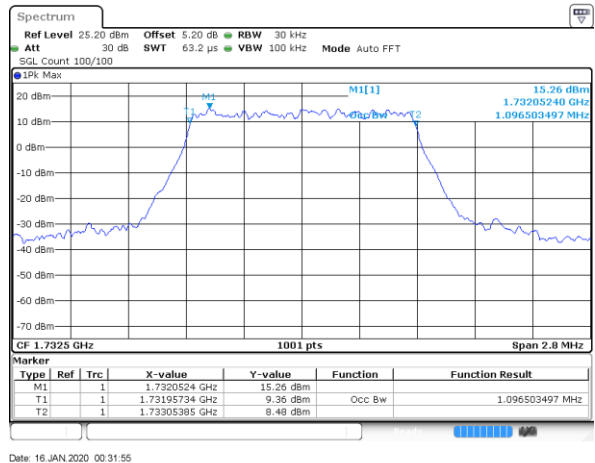
## Lowest Channel / 1.4MHz / 16QAM



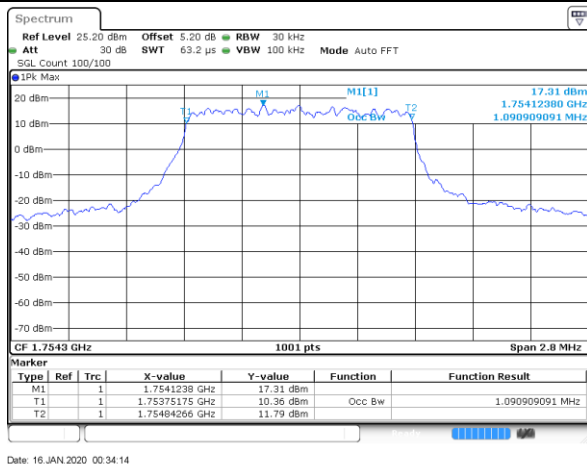
## Middle Channel / 1.4MHz / QPSK



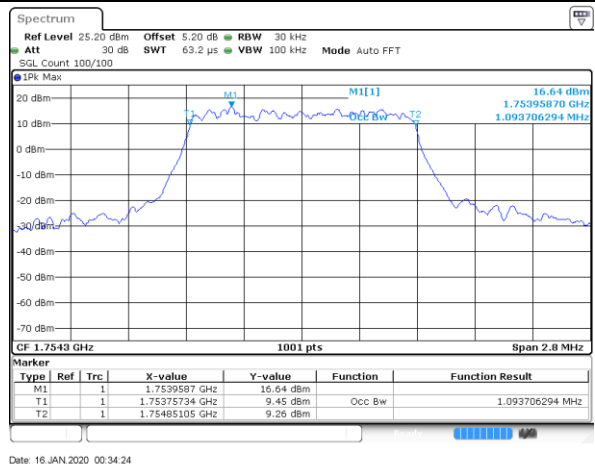
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



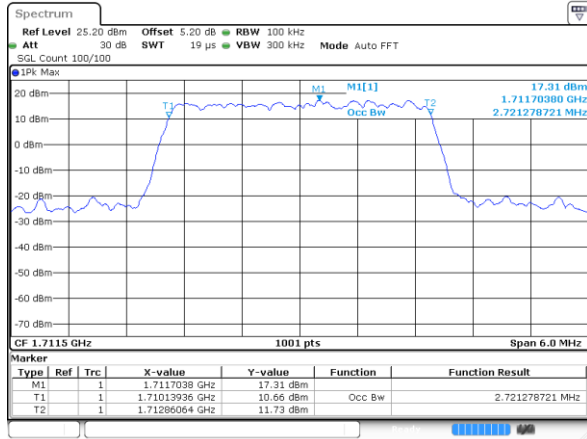
## Highest Channel / 1.4MHz / 16QAM



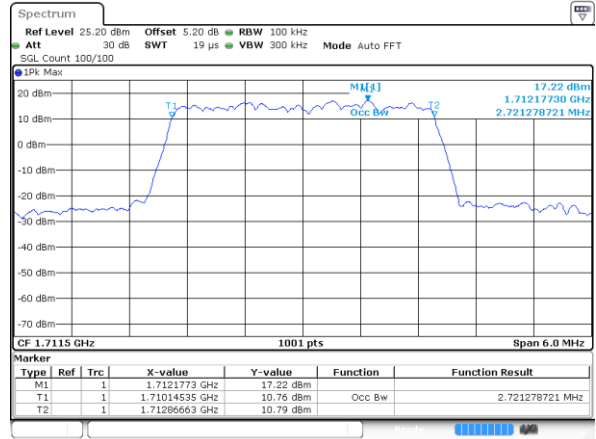


## LTE Band 4

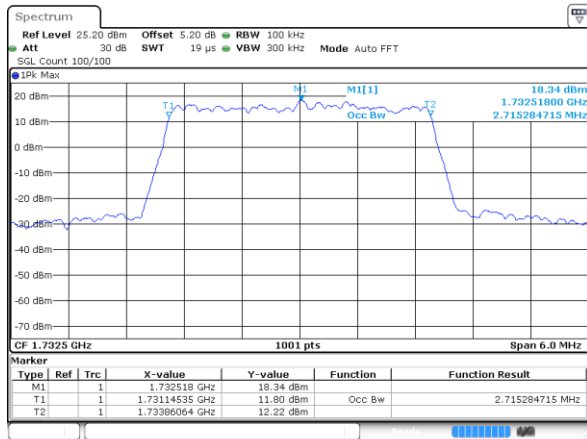
## Lowest Channel / 3MHz / QPSK



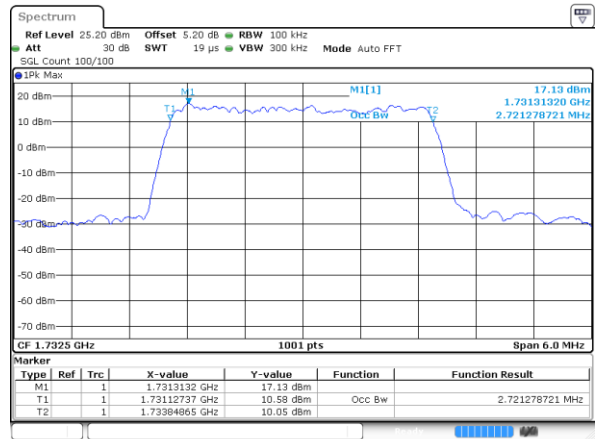
## Lowest Channel / 3MHz / 16QAM



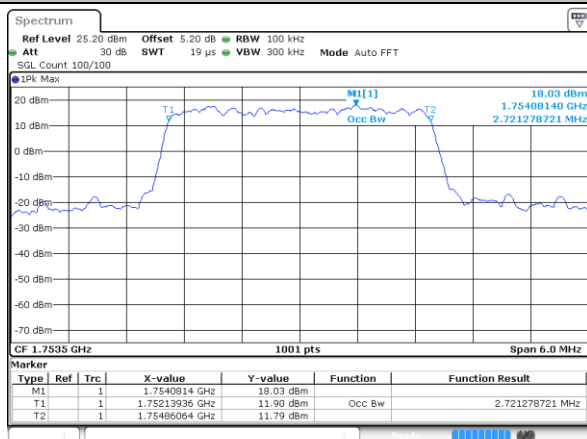
## Middle Channel / 3MHz / QPSK



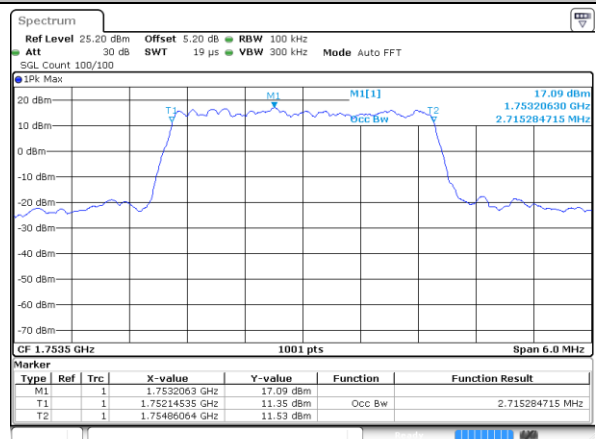
## Middle Channel / 3MHz / 16QAM



## Highest Channel / 3MHz / QPSK



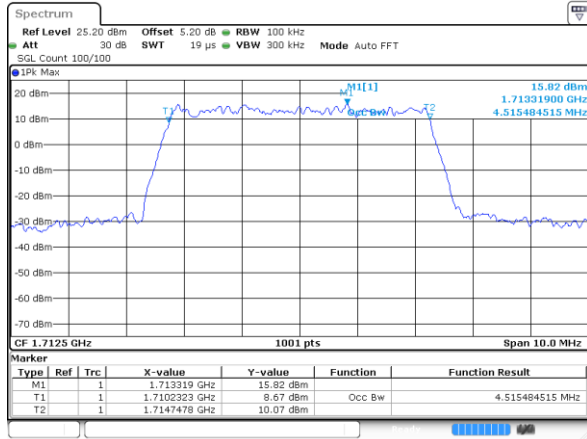
## Highest Channel / 3MHz / 16QAM



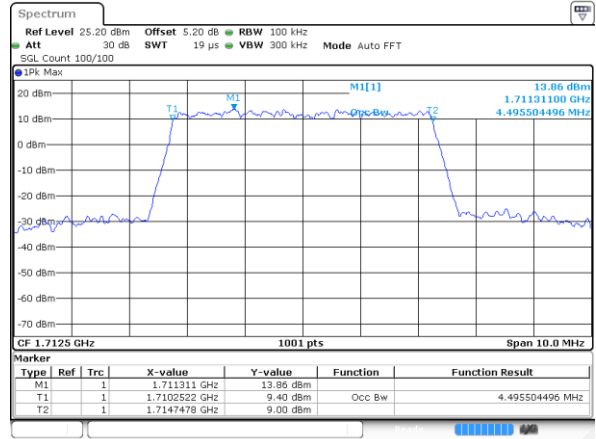


## LTE Band 4

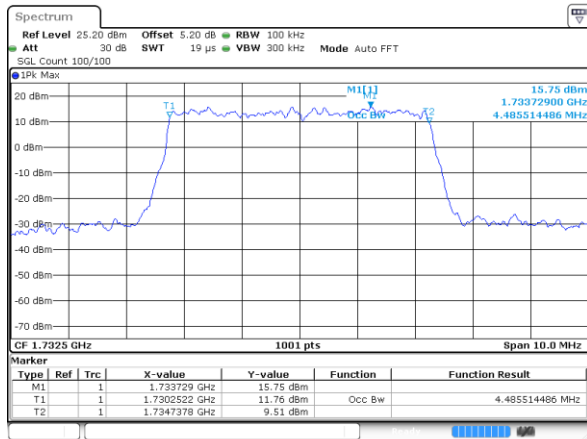
## Lowest Channel / 5MHz / QPSK



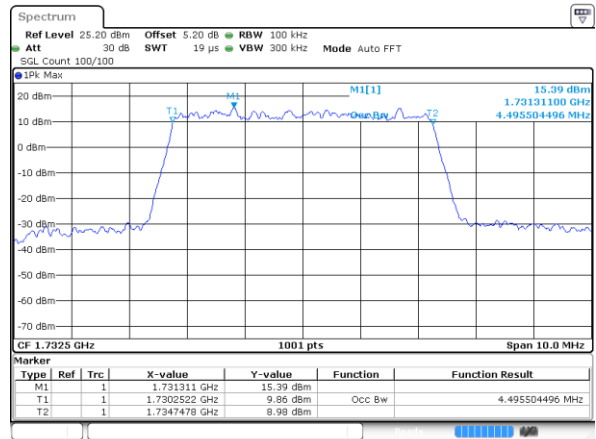
## Lowest Channel / 5MHz / 16QAM



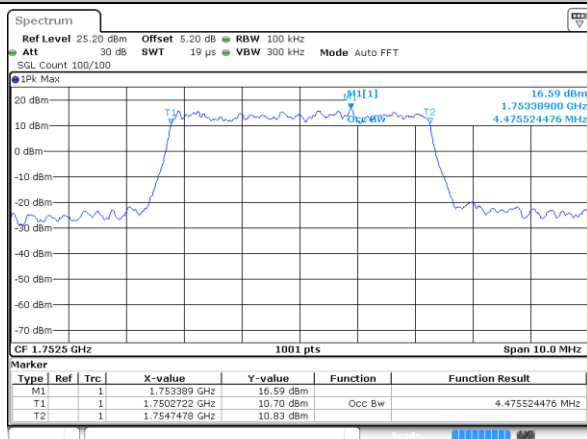
## Middle Channel / 5MHz / QPSK



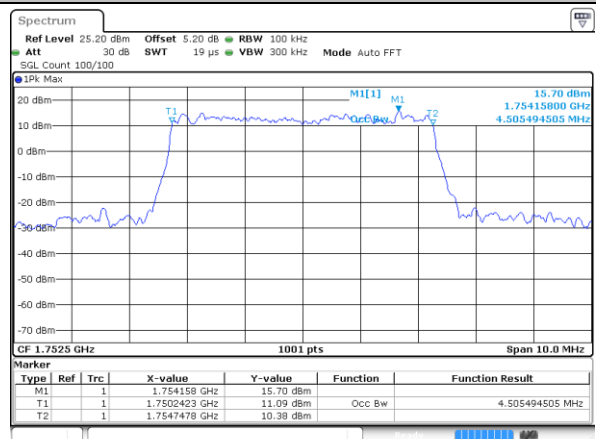
## Middle Channel / 5MHz / 16QAM



## Highest Channel / 5MHz / QPSK



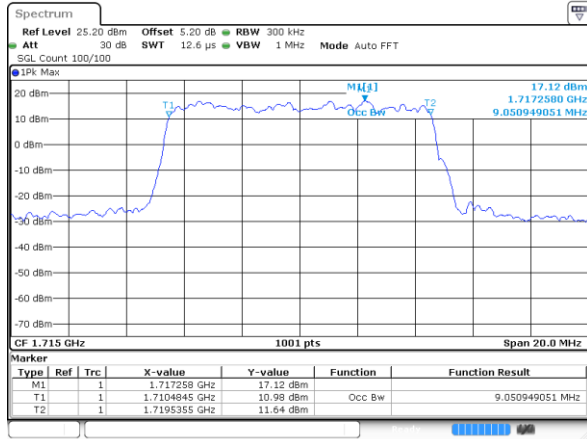
## Highest Channel / 5MHz / 16QAM



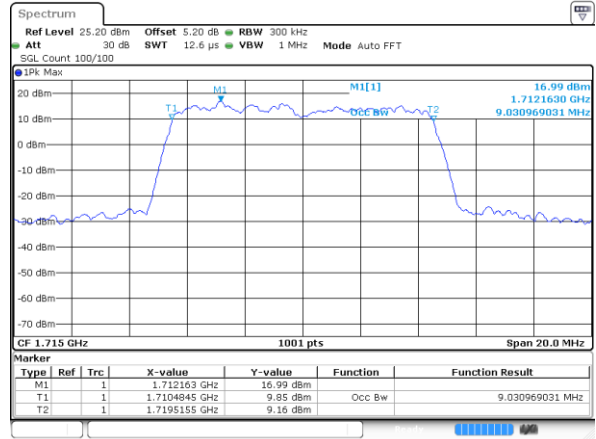


## LTE Band 4

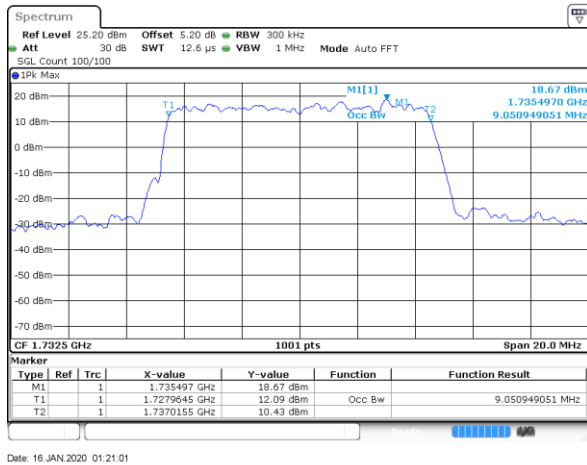
## Lowest Channel / 10MHz / QPSK



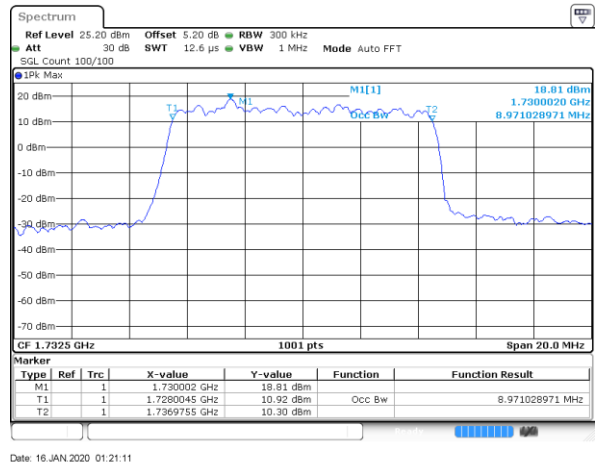
## Lowest Channel / 10MHz / 16QAM



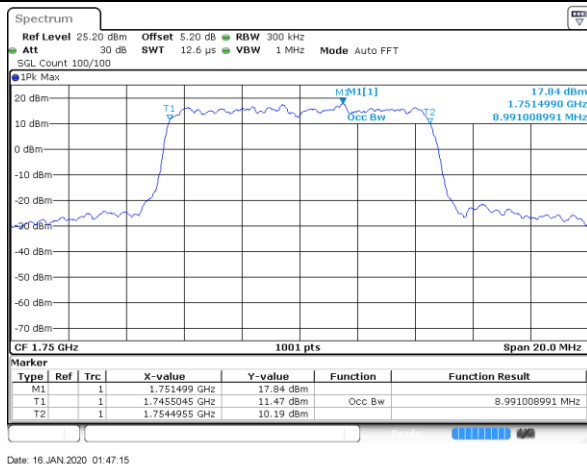
## Middle Channel / 10MHz / QPSK



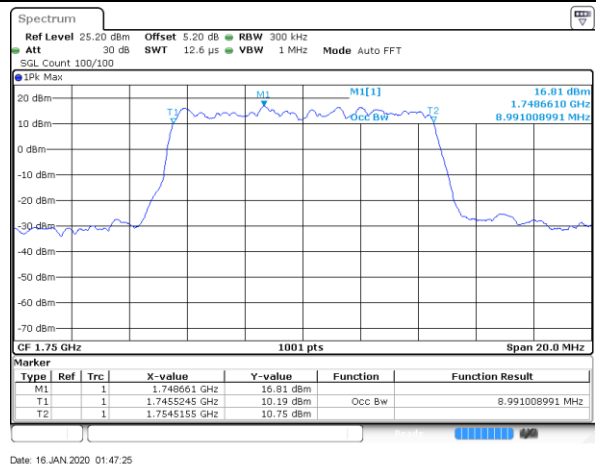
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



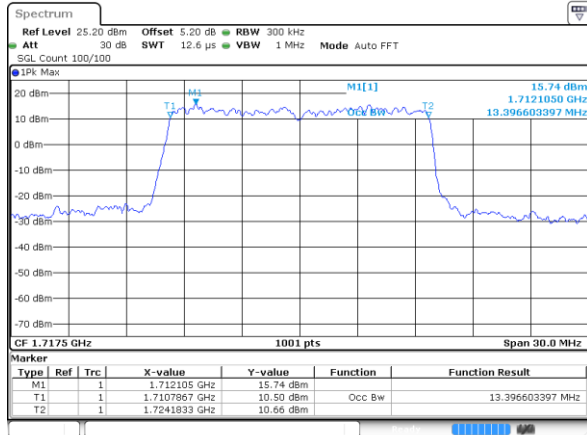
## Highest Channel / 10MHz / 16QAM



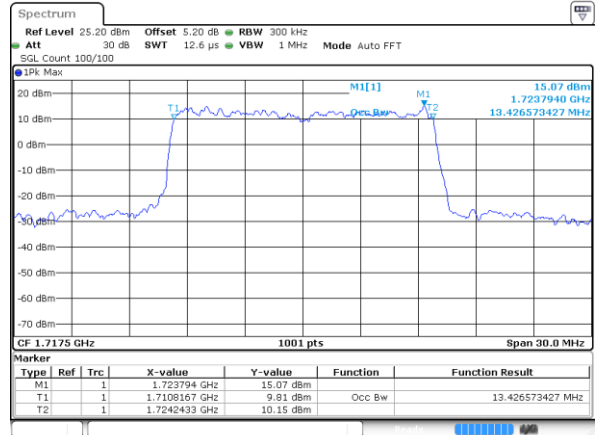


## LTE Band 4

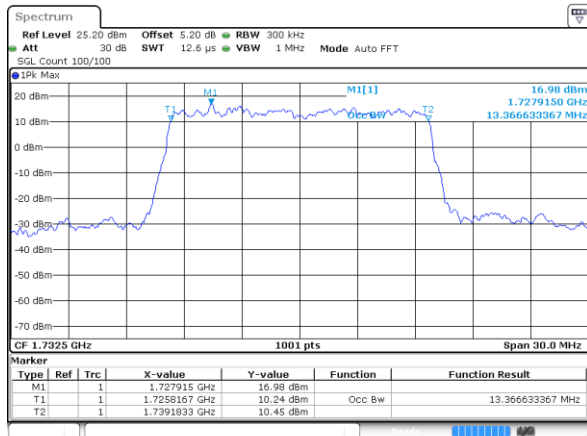
## Lowest Channel / 15MHz / QPSK



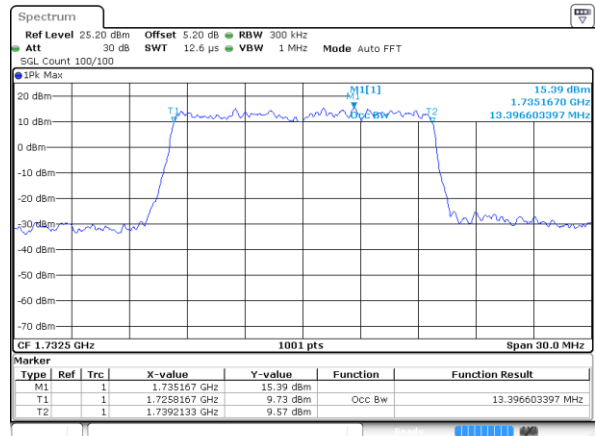
## Lowest Channel / 15MHz / 16QAM



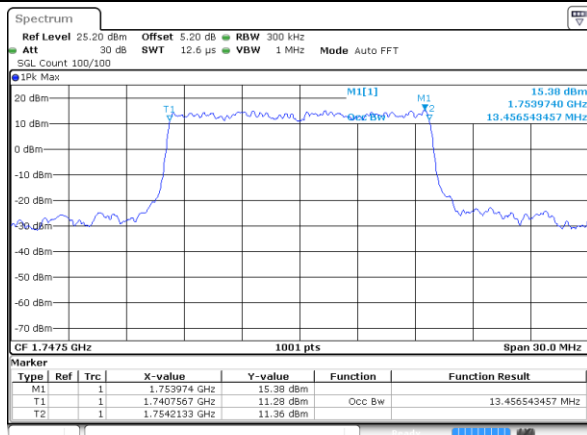
## Middle Channel / 15MHz / QPSK



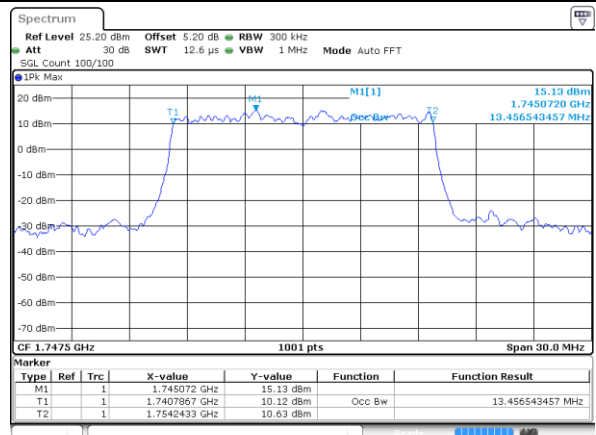
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



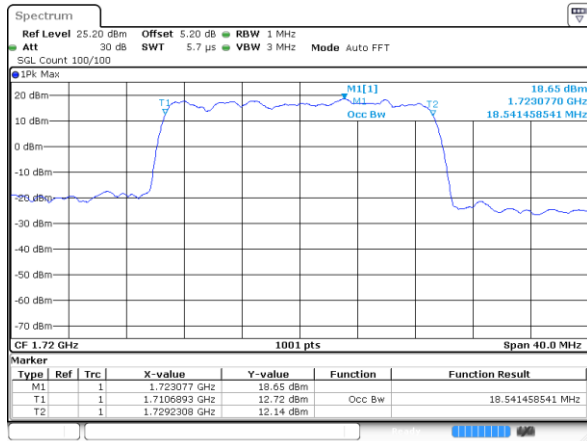
## Highest Channel / 15MHz / 16QAM



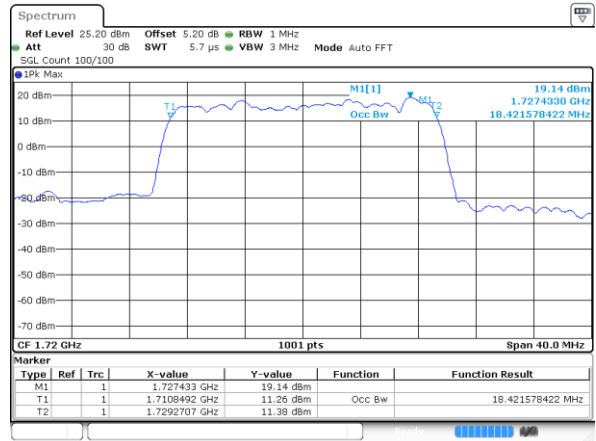


## LTE Band 4

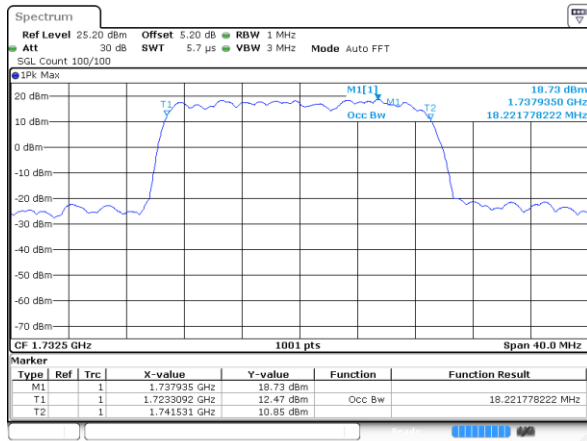
## Lowest Channel / 20MHz / QPSK



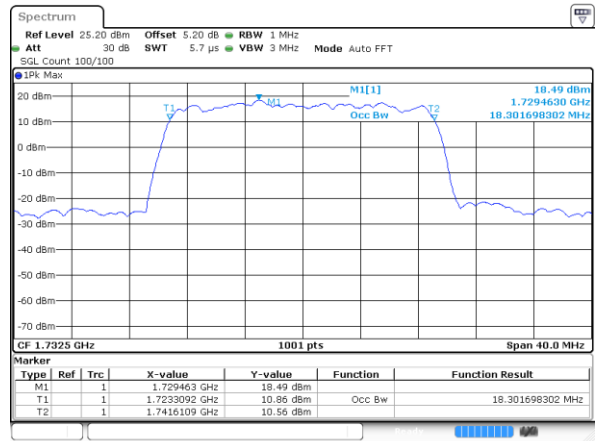
## Lowest Channel / 20MHz / 16QAM



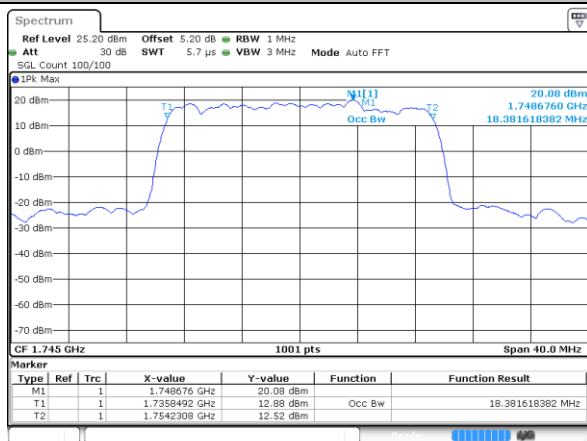
## Middle Channel / 20MHz / QPSK



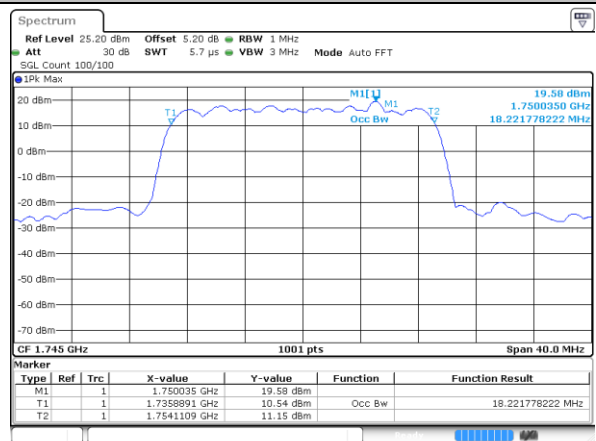
## Middle Channel / 20MHz / 16QAM

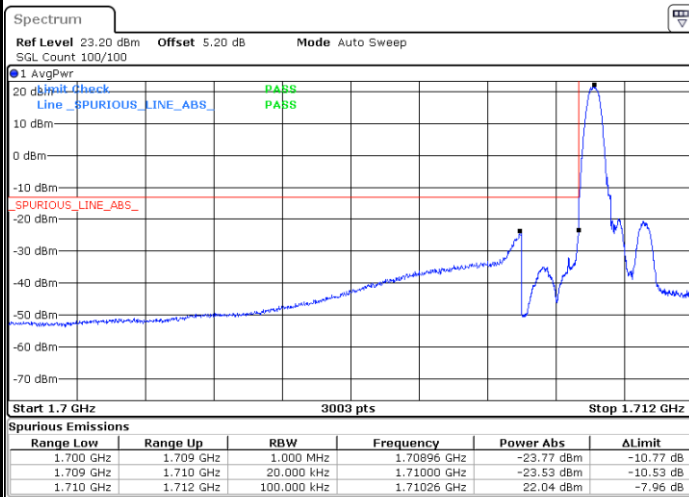
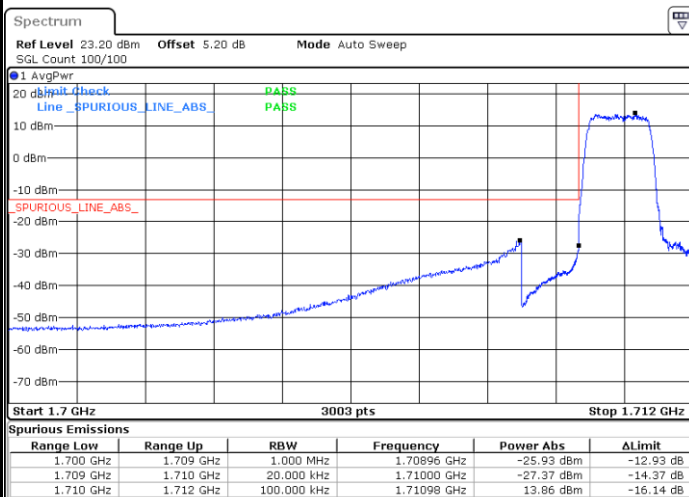
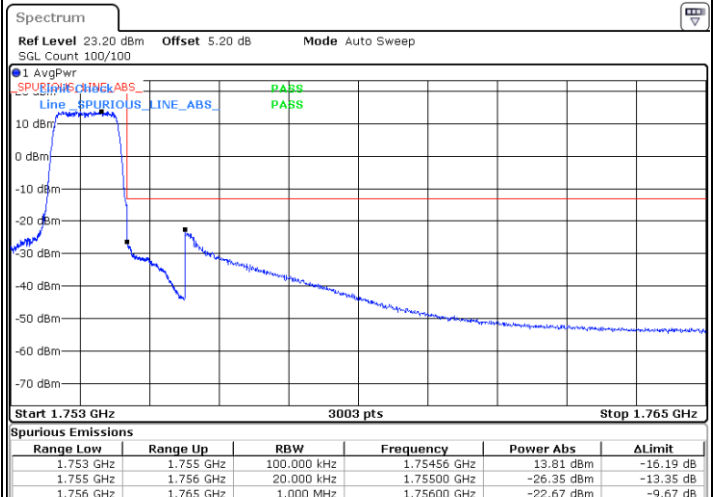


## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM

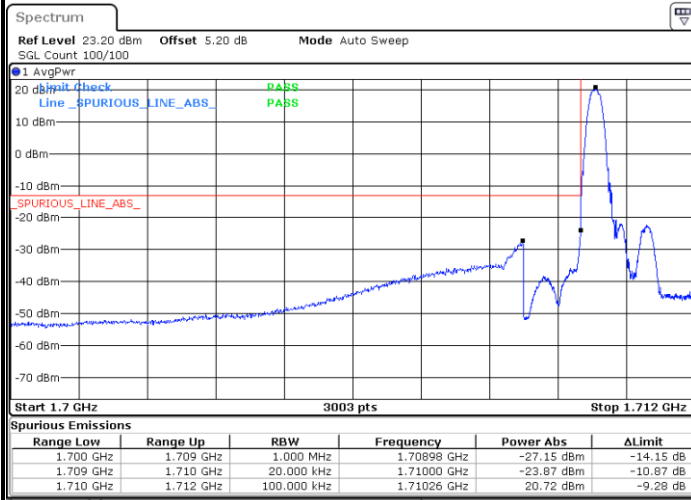


**Conducted Band Edge****LTE Band 4 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**



## LTE Band 4 / 1.4MHz / 16QAM

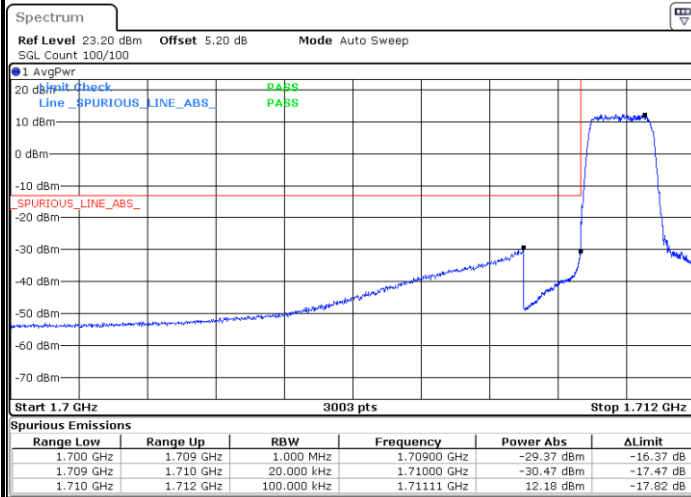
## Lowest Band Edge / 1 RB



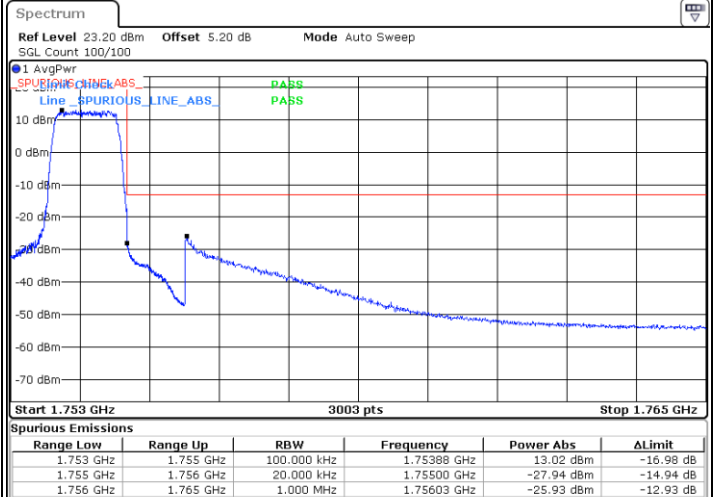
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



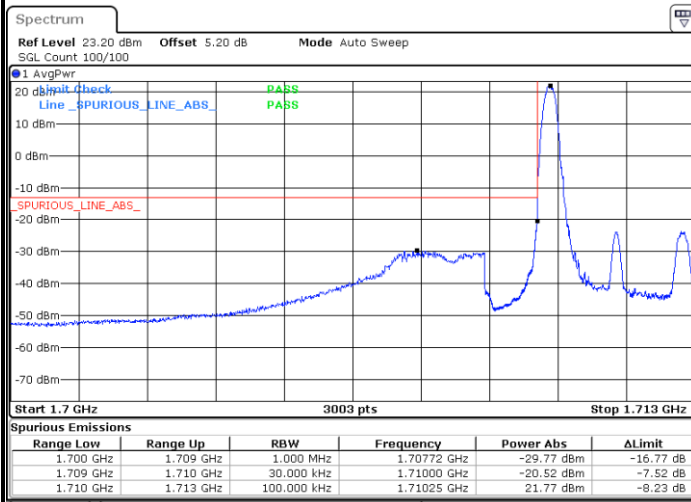
## Highest Band Edge / Full RB



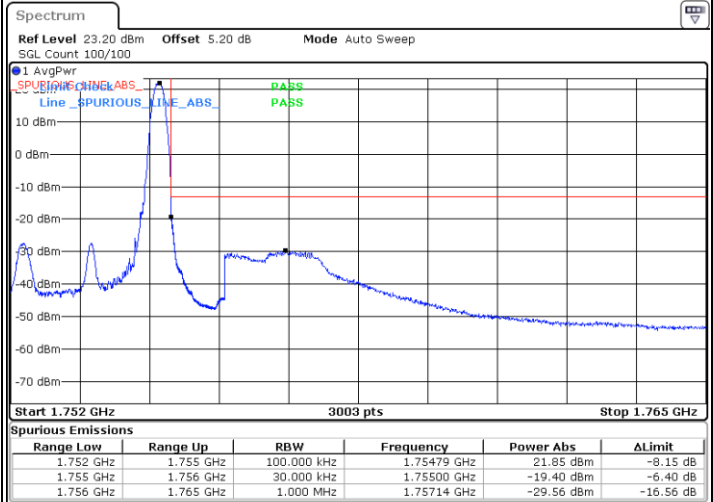


## LTE Band 4 / 3MHz / QPSK

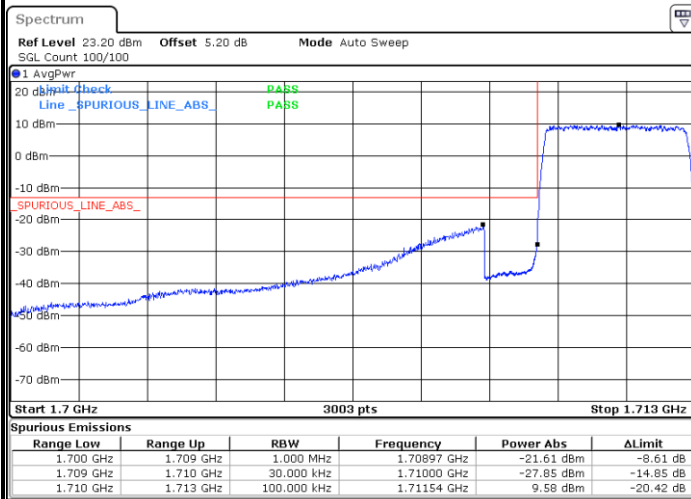
## Lowest Band Edge / 1RB



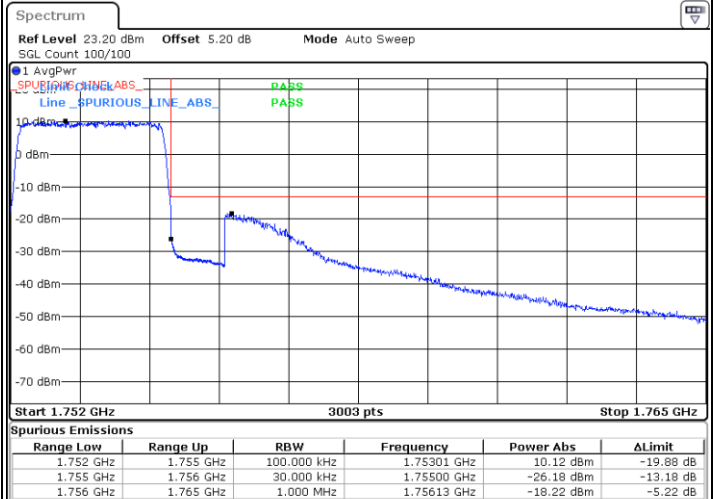
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



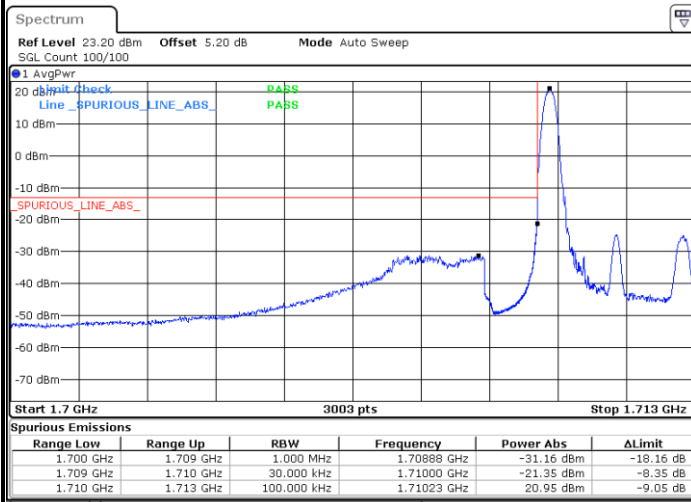
## Highest Band Edge / Full RB



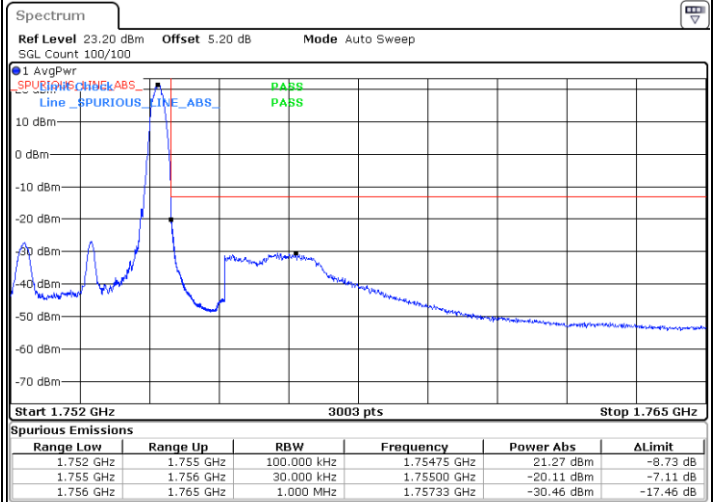


## LTE Band 4 / 3MHz / 16QAM

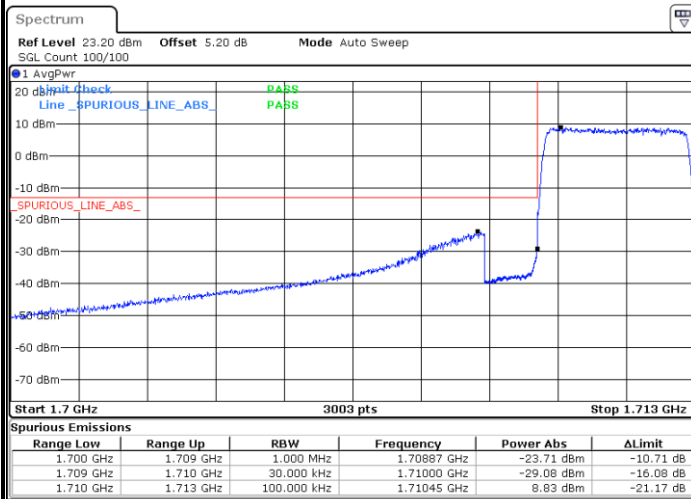
## Lowest Band Edge / 1 RB



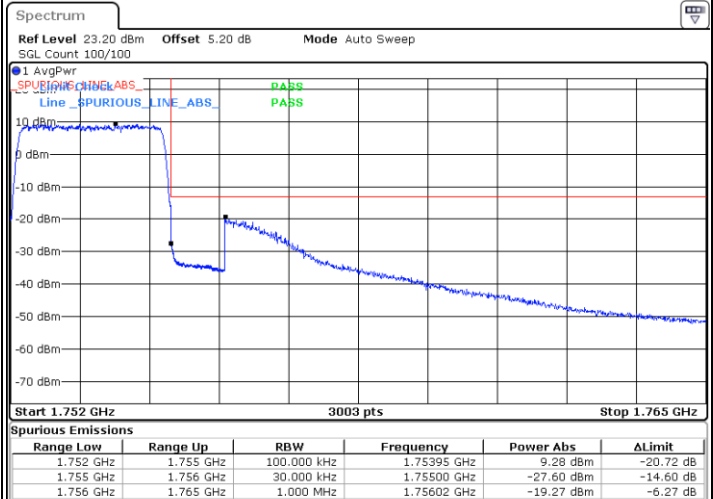
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



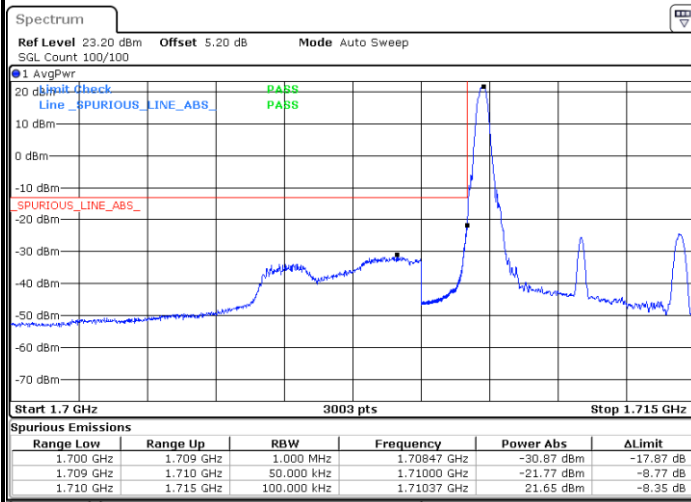
## Highest Band Edge / Full RB



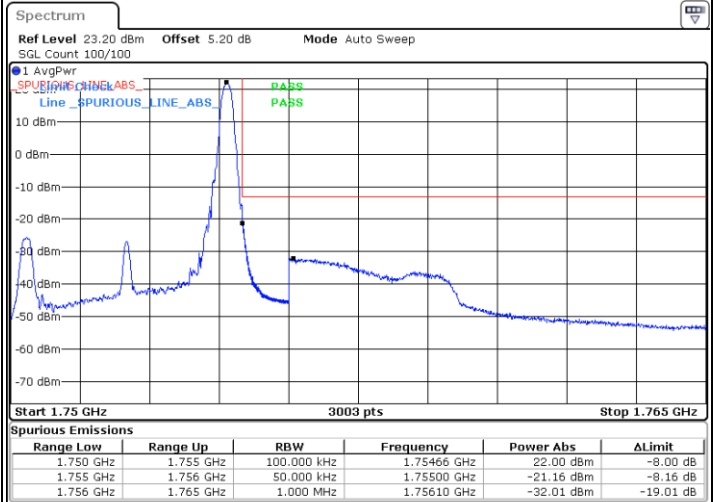


## LTE Band 4 / 5MHz / QPSK

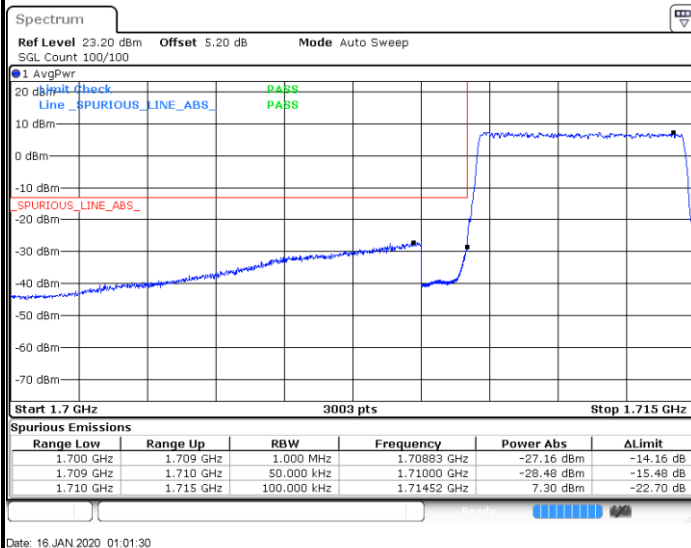
## Lowest Band Edge / 1 RB



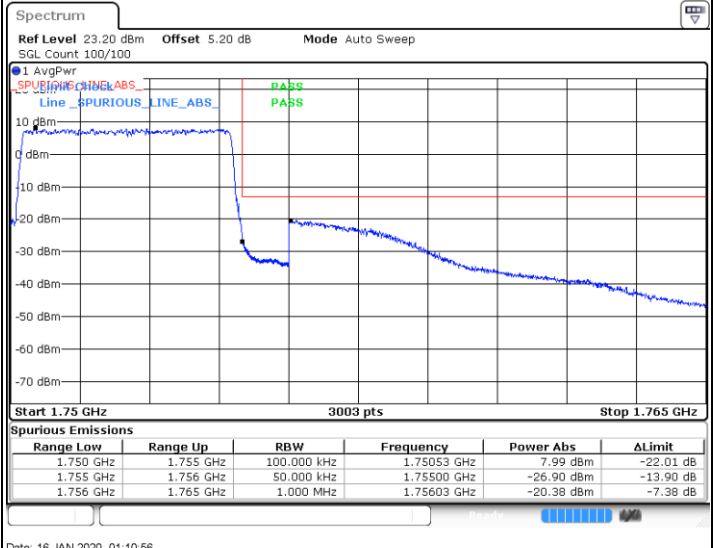
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



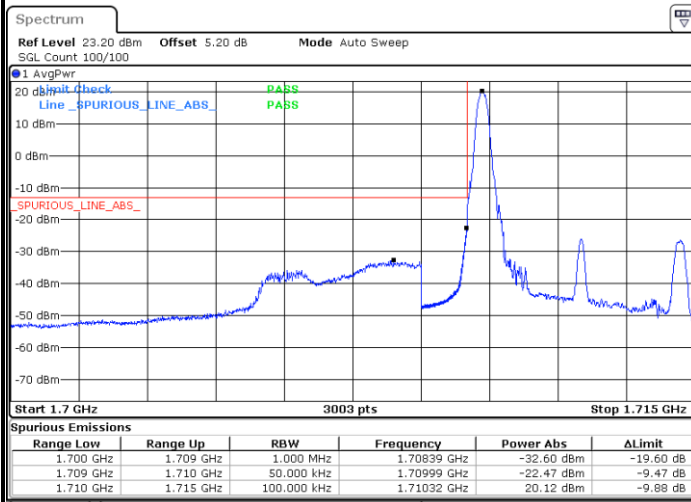
## Highest Band Edge / Full RB



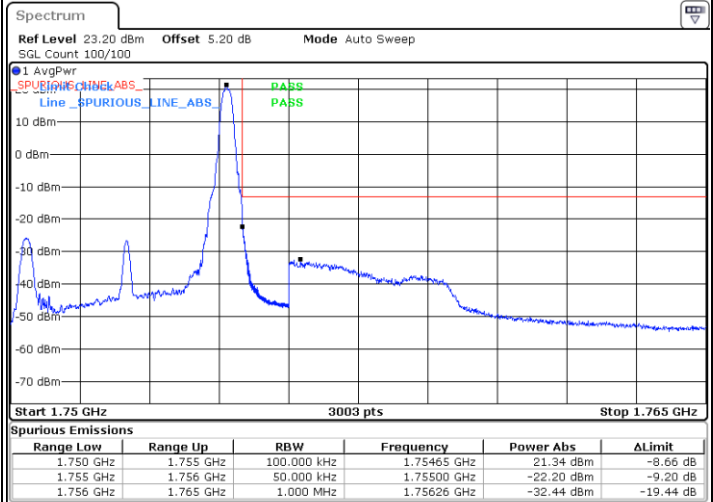


## LTE Band 4 / 5MHz / 16QAM

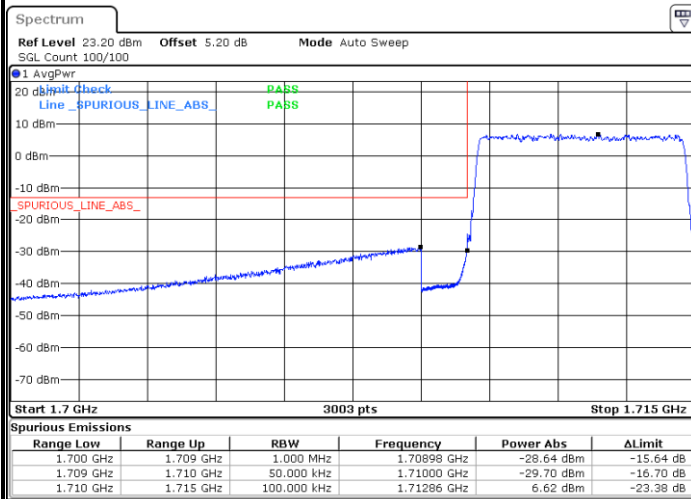
## Lowest Band Edge / 1RB



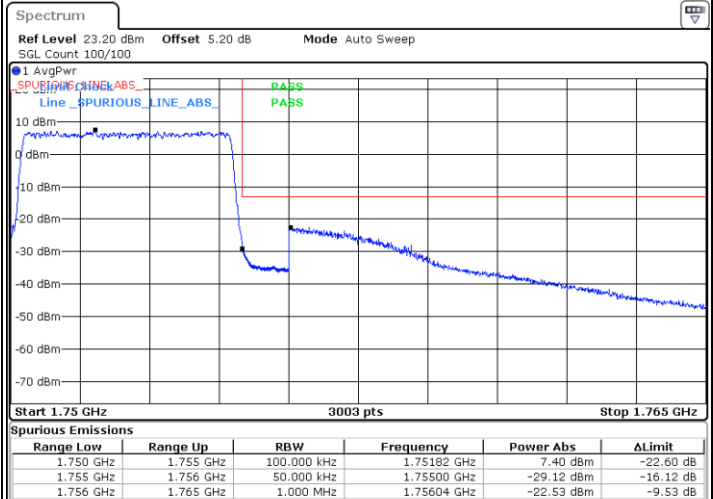
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



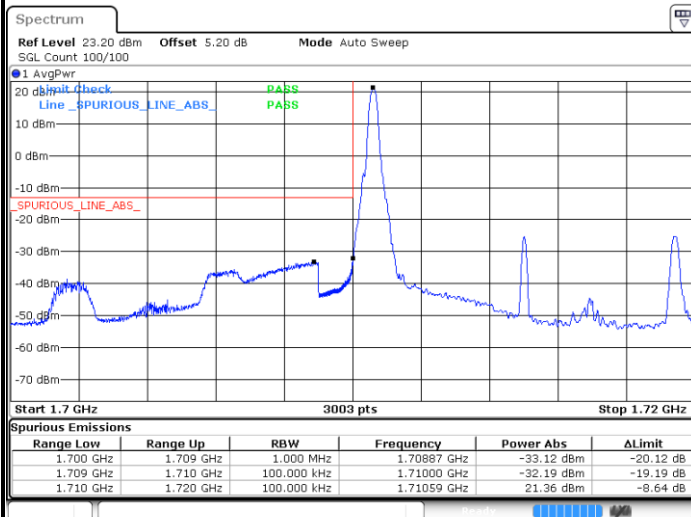
## Highest Band Edge / Full RB



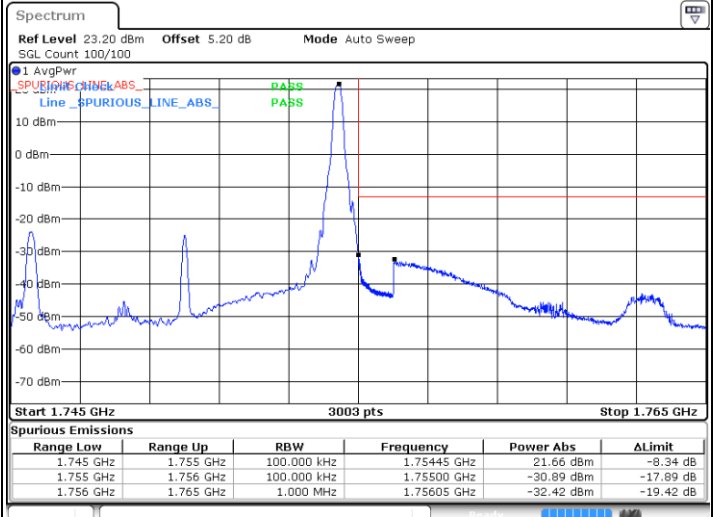


## LTE Band 4 / 10MHz / QPSK

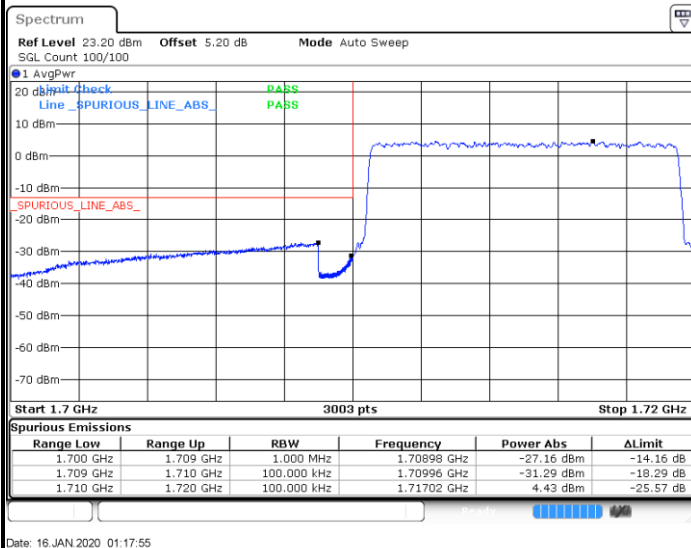
## Lowest Band Edge / 1 RB



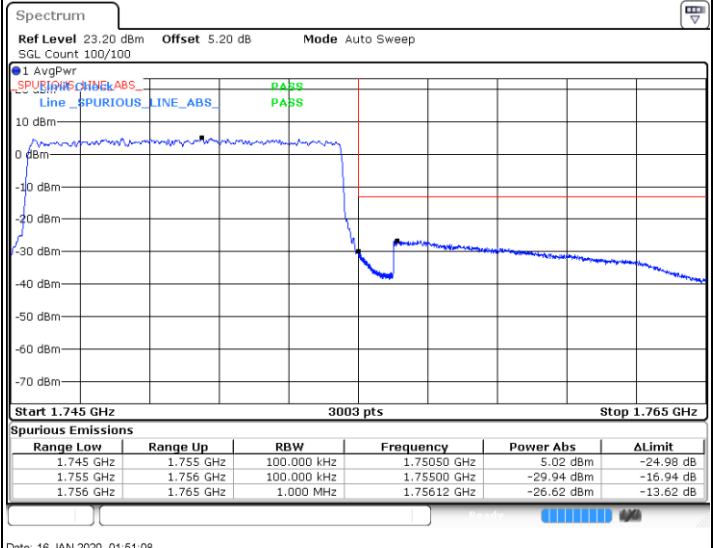
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



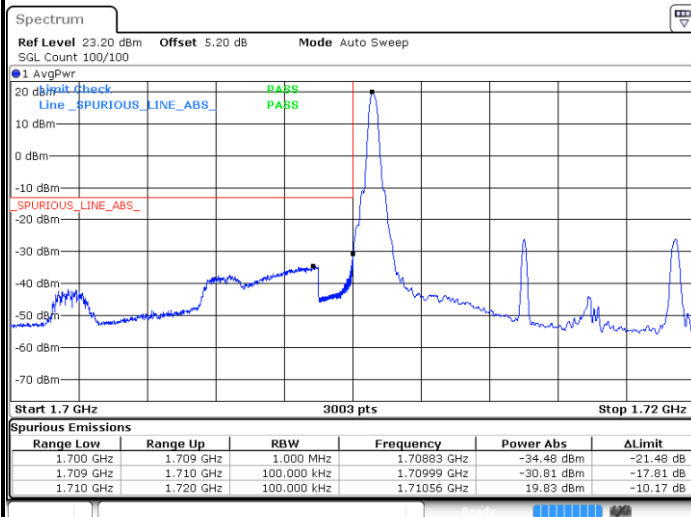
## Highest Band Edge / Full RB



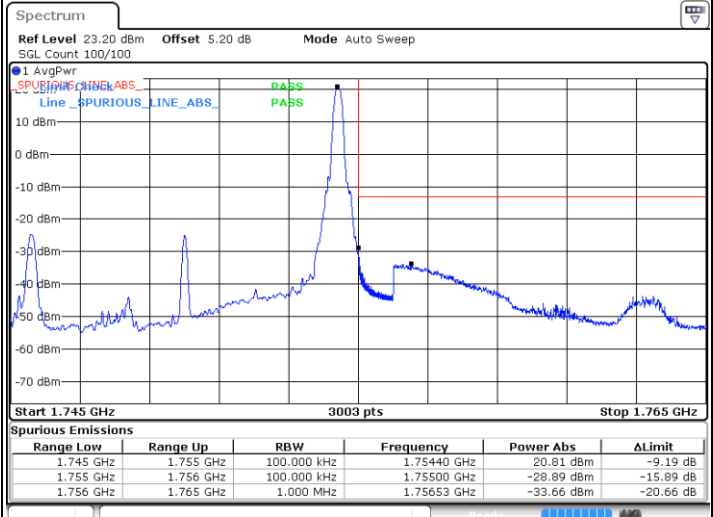


## LTE Band 4 / 10MHz / 16QAM

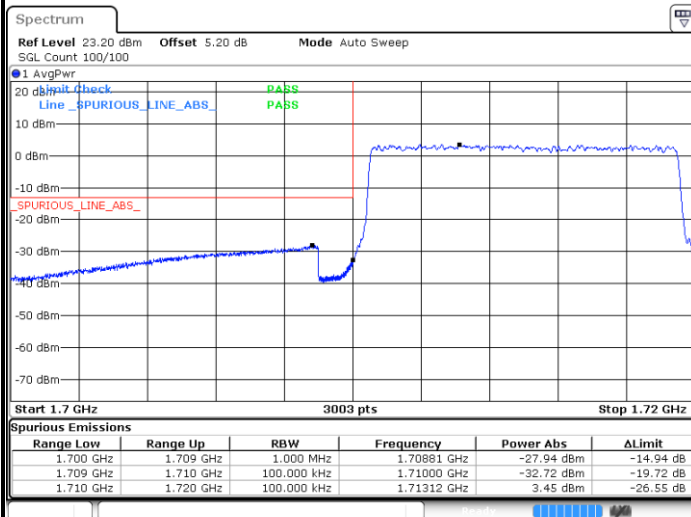
## Lowest Band Edge / 1 RB



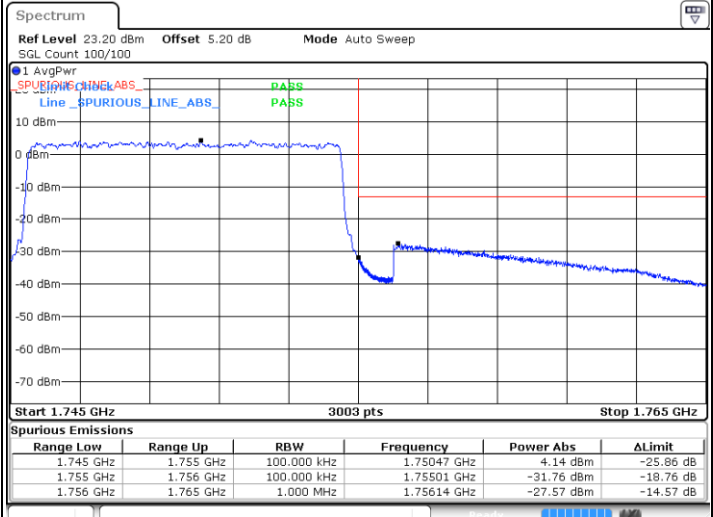
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



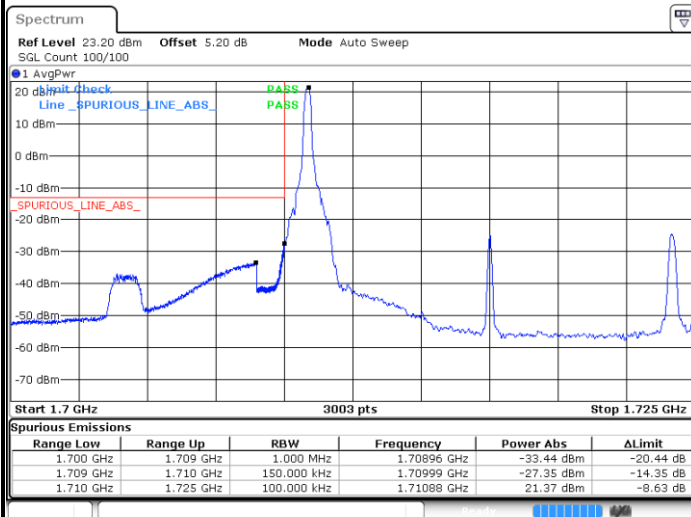
## Highest Band Edge / Full RB



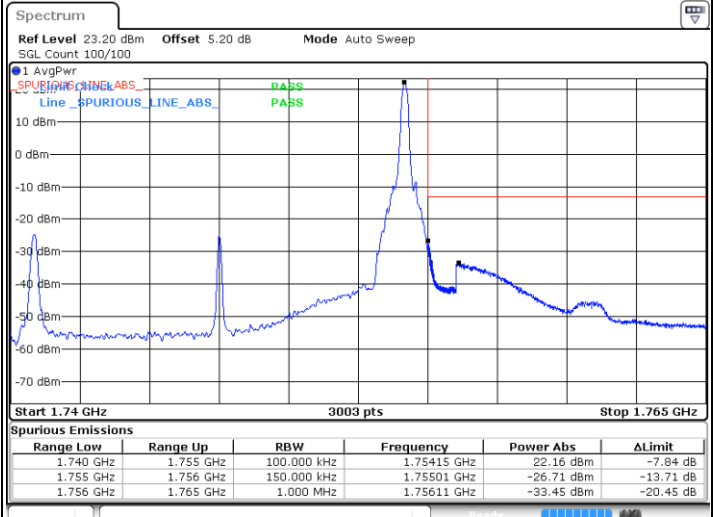


## LTE Band 4 / 15MHz / QPSK

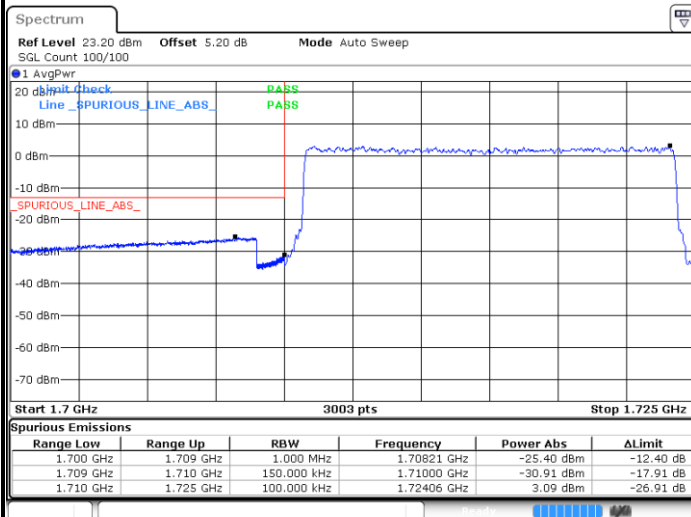
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



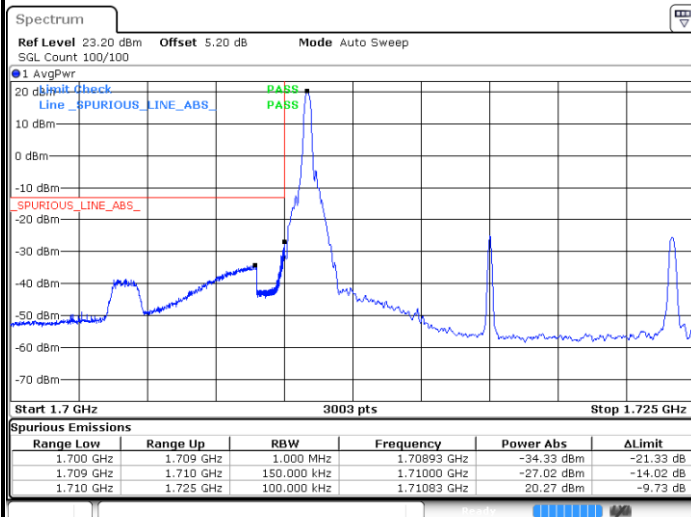
## Highest Band Edge / Full RB



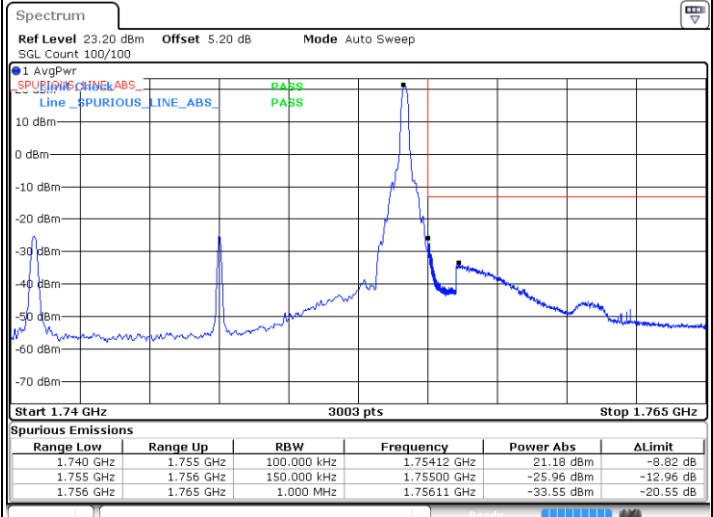


## LTE Band 4 / 15MHz / 16QAM

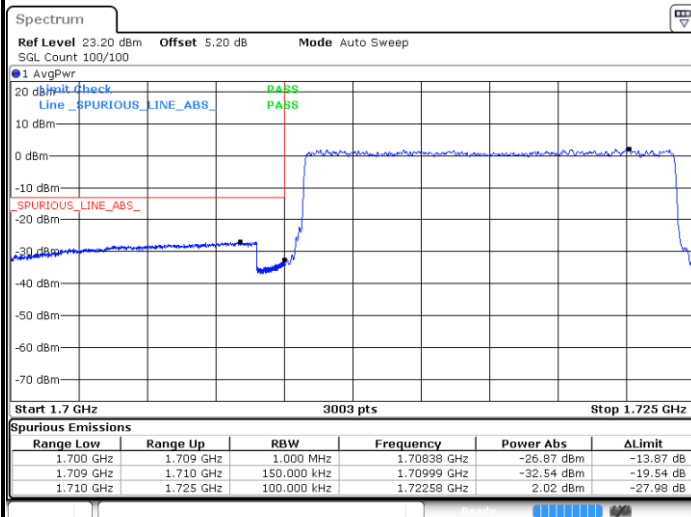
## Lowest Band Edge / 1 RB



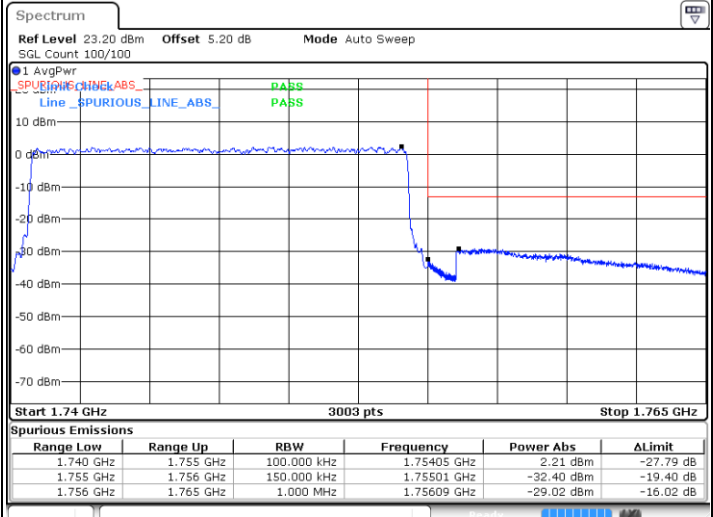
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB

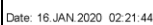


## Highest Band Edge / Full RB





### Highest Band Edge / 1 RB



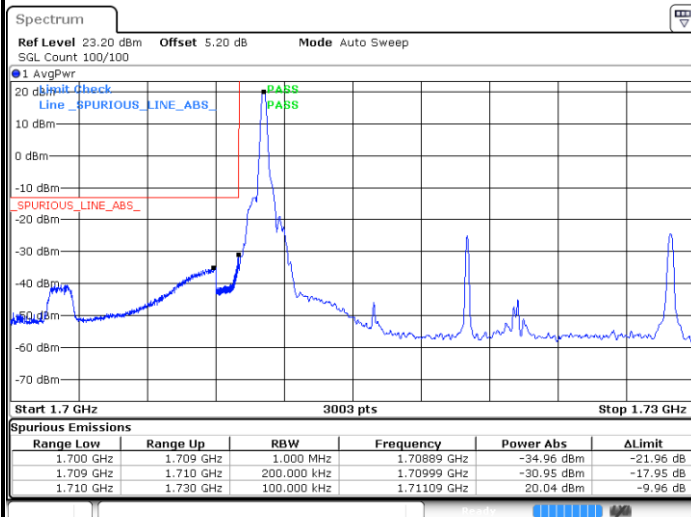
### Highest Band Edge / Full RB



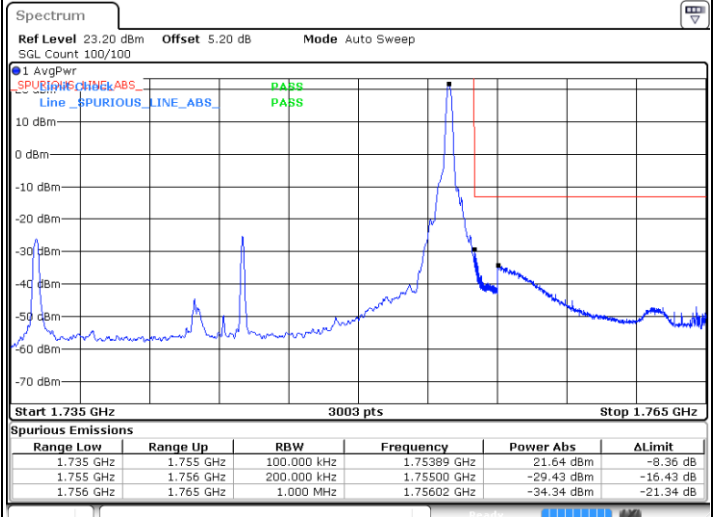


## LTE Band 4 / 20MHz / 16QAM

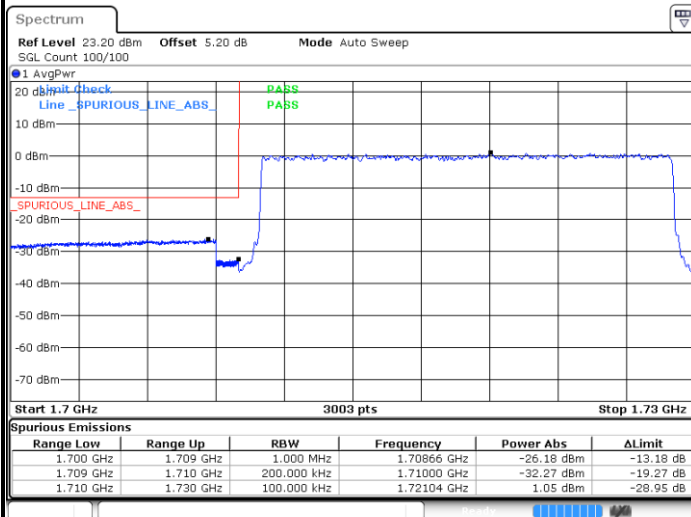
## Lowest Band Edge / 1 RB



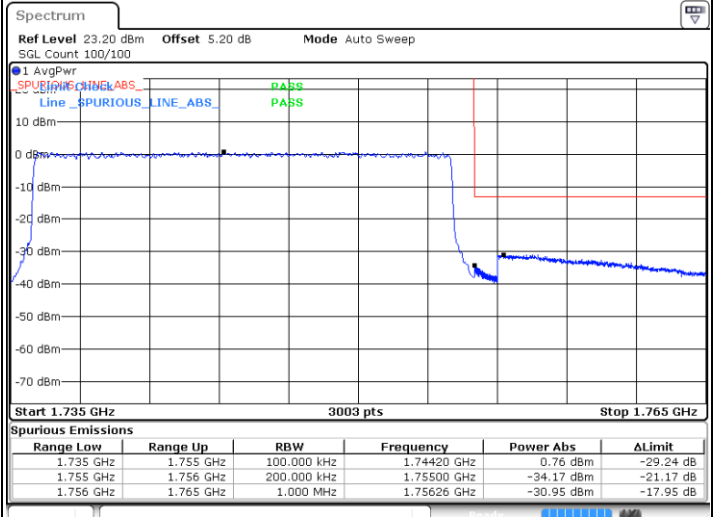
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB

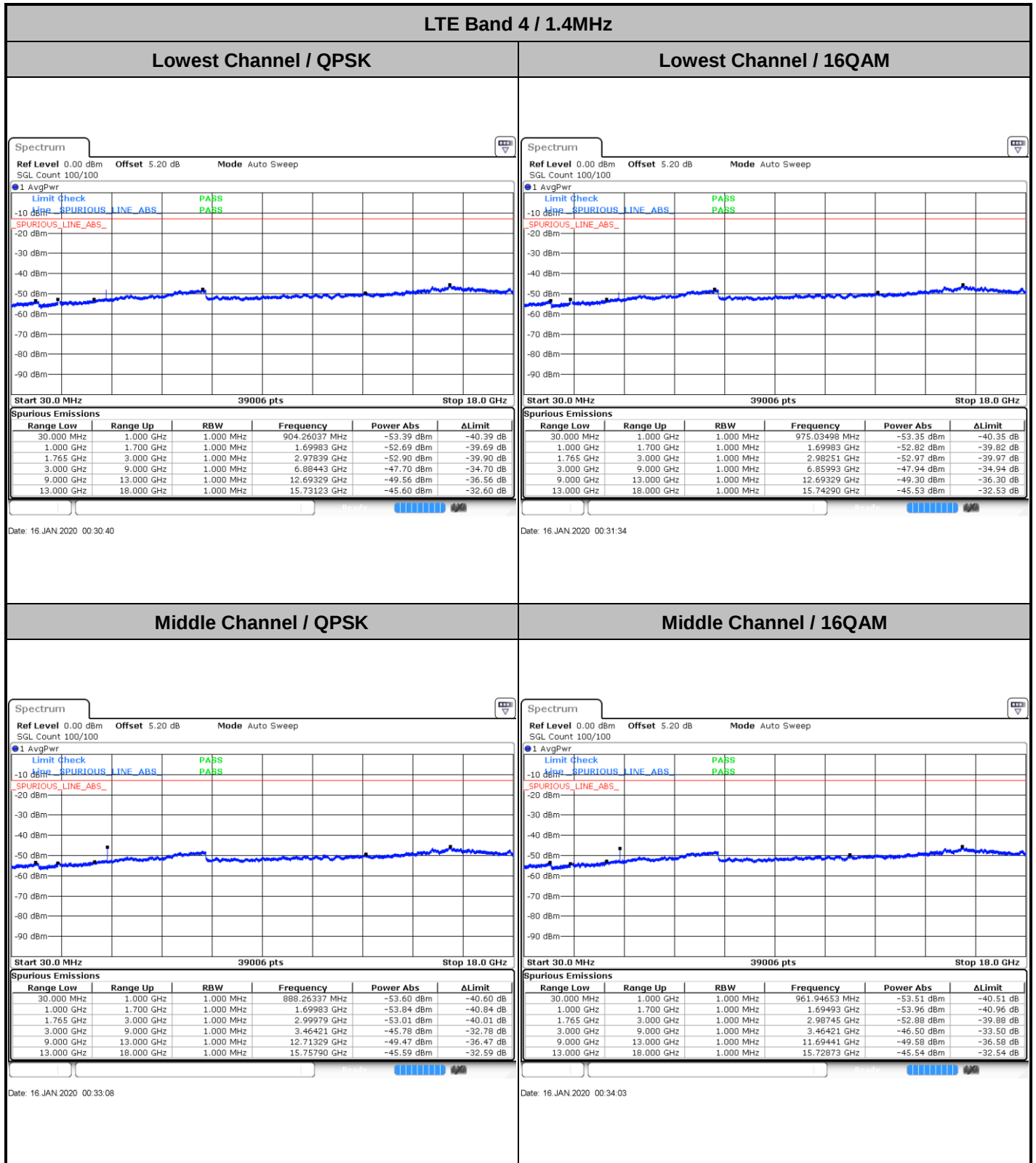


## Highest Band Edge / Full RB





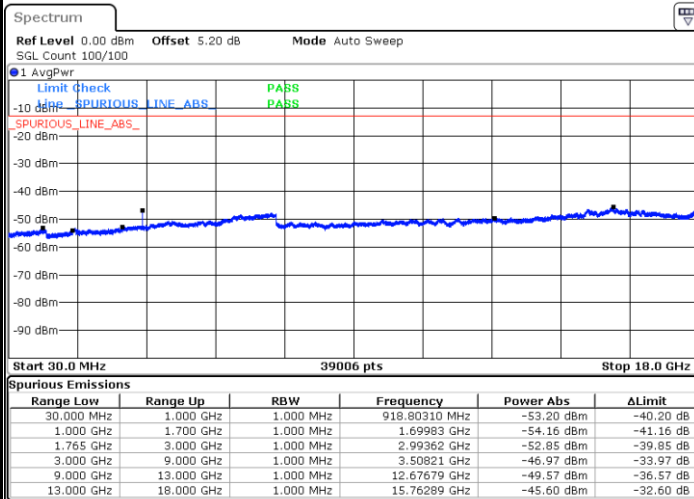
## Conducted Spurious Emission





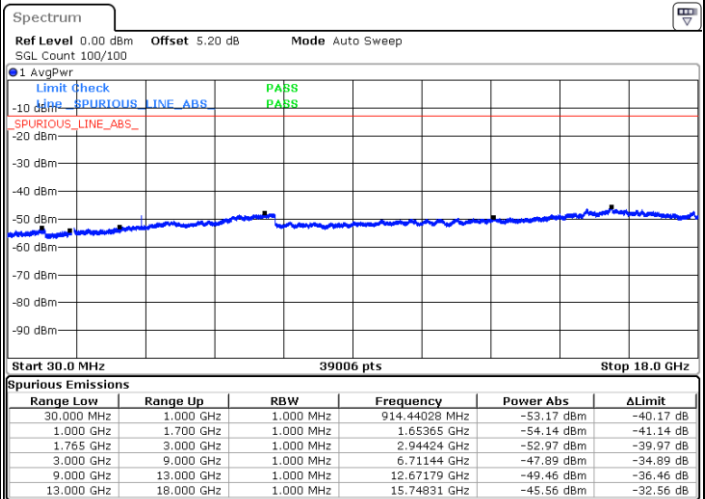
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 16 JAN 2020 00:40:07

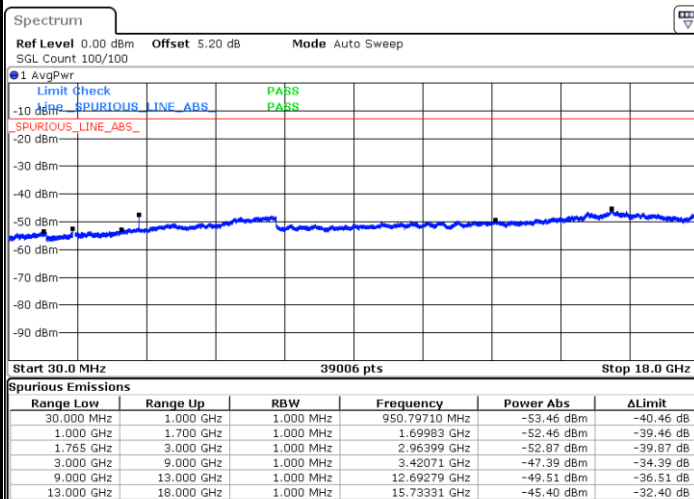
## Highest Channel / 16QAM



Date: 16 JAN 2020 00:41:01

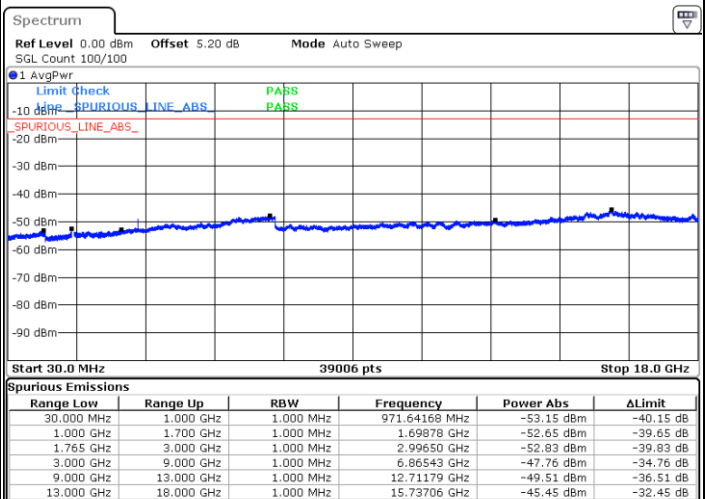
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



Date: 16 JAN 2020 00:47:05

## Lowest Channel / 16QAM

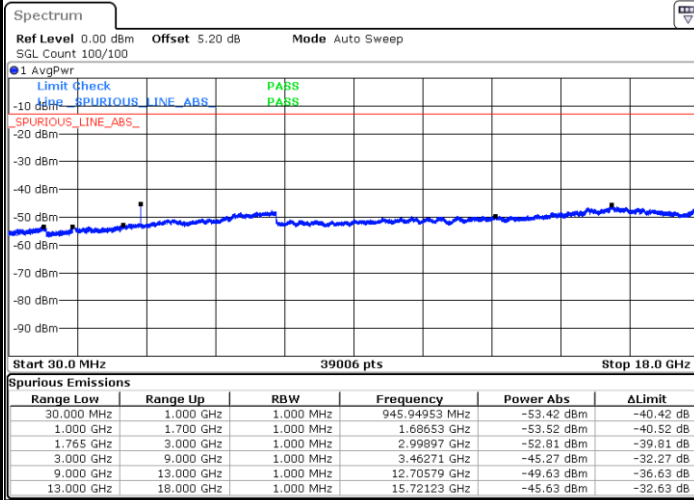


Date: 16 JAN 2020 00:47:59



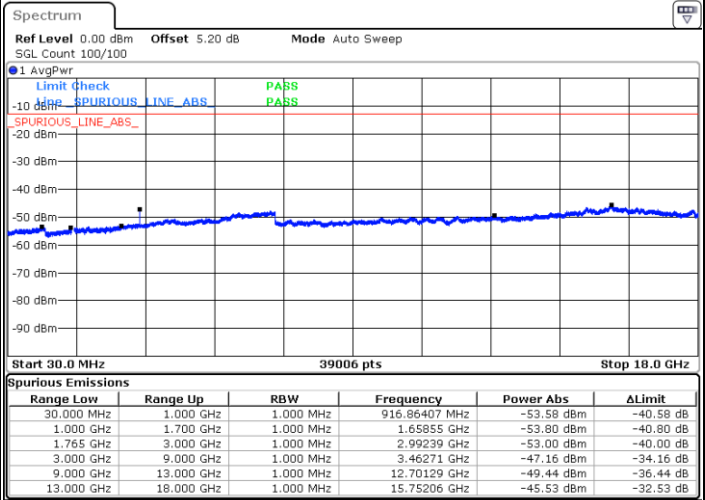
## LTE Band 4 / 3MHz

## Middle Channel / QPSK



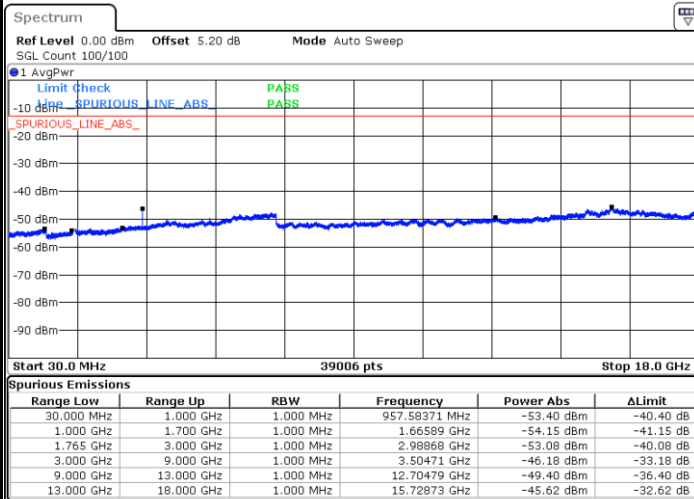
Date: 16 JAN 2020 00:49:34

## Middle Channel / 16QAM



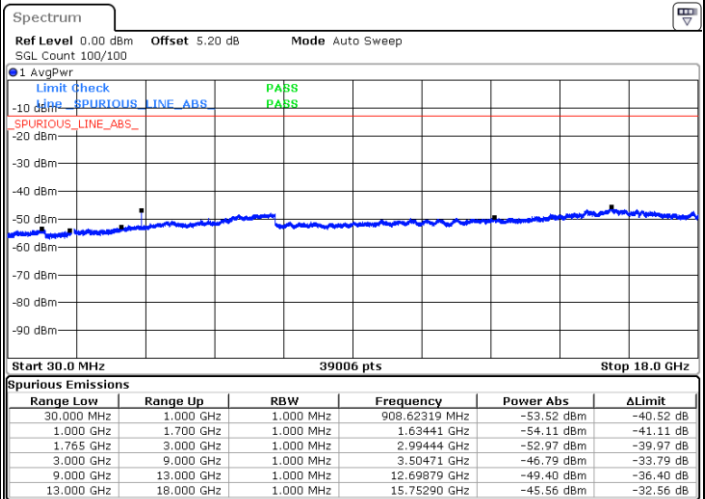
Date: 16 JAN 2020 00:50:28

## Highest Channel / QPSK



Date: 16 JAN 2020 00:56:32

## Highest Channel / 16QAM

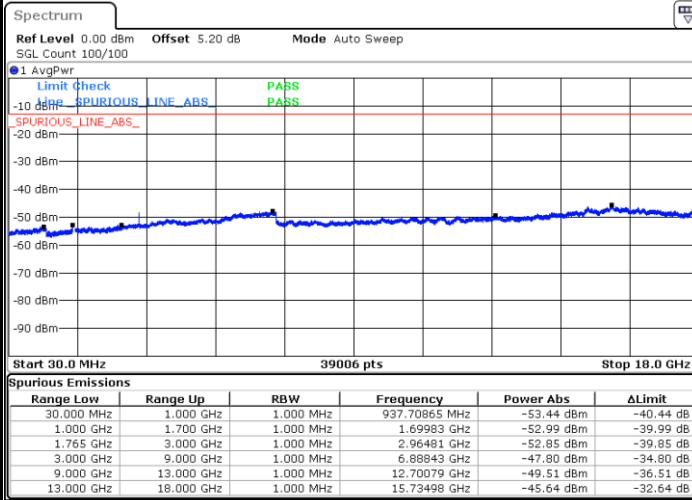


Date: 16 JAN 2020 00:57:27



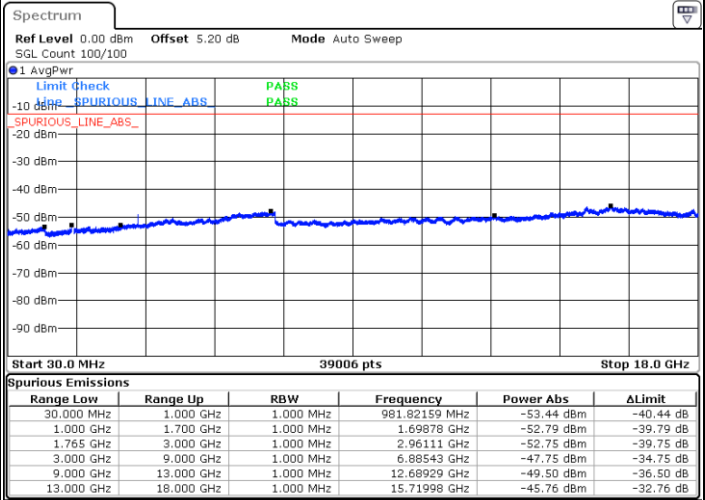
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



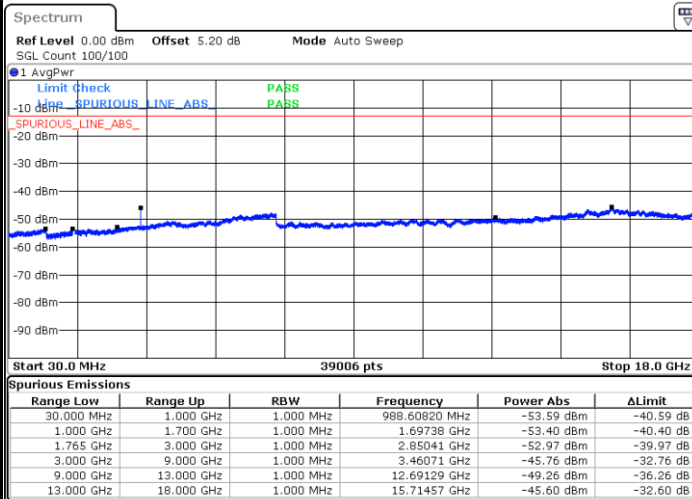
Date: 16 JAN 2020 01:03:30

## Lowest Channel / 16QAM



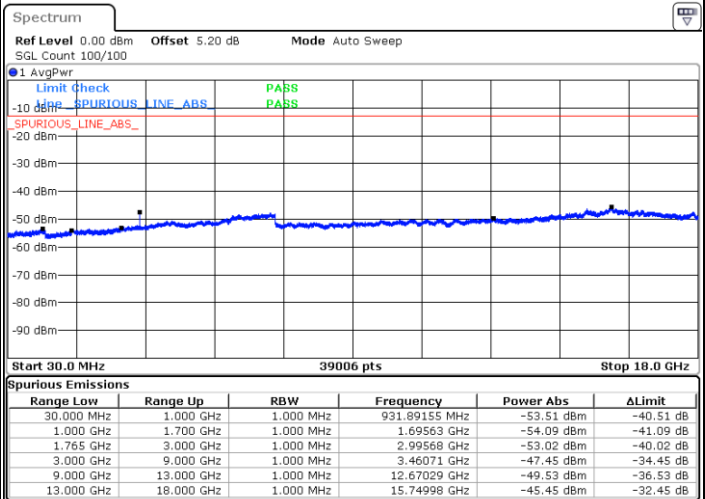
Date: 16 JAN 2020 01:04:25

## Middle Channel / QPSK



Date: 16 JAN 2020 01:05:59

## Middle Channel / 16QAM

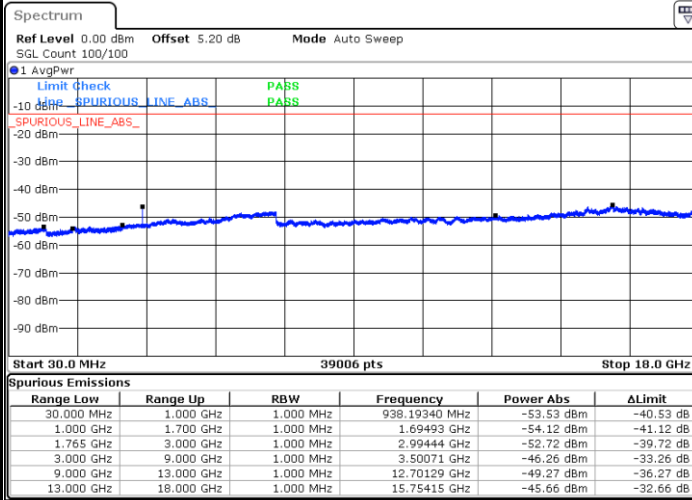


Date: 16 JAN 2020 01:06:53



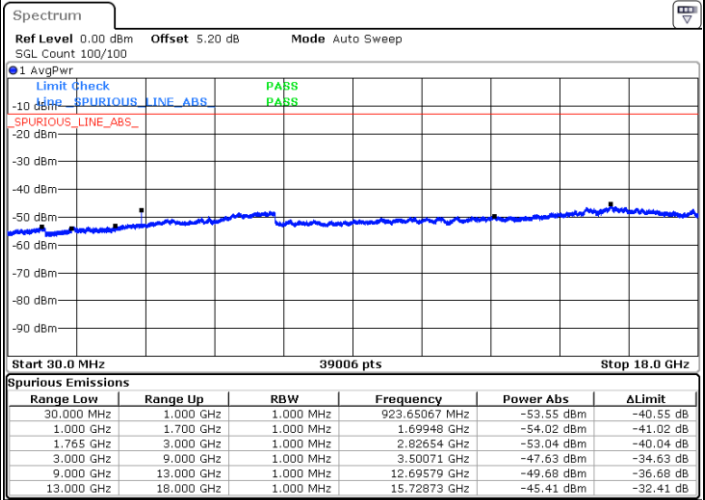
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 16 JAN 2020 01:12:57

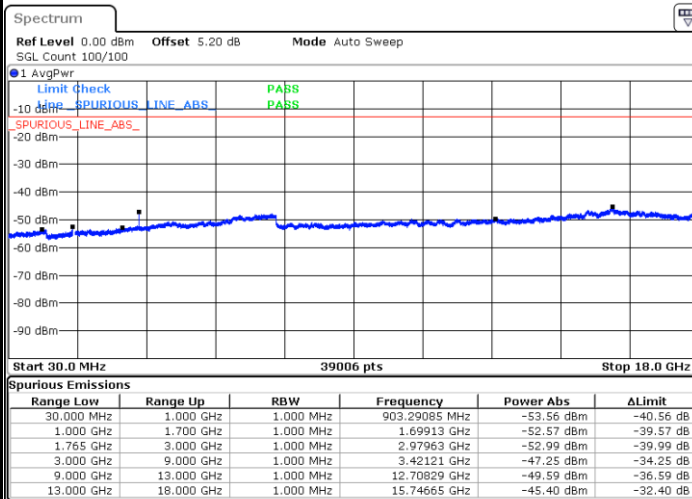
## Highest Channel / 16QAM



Date: 16 JAN 2020 01:13:52

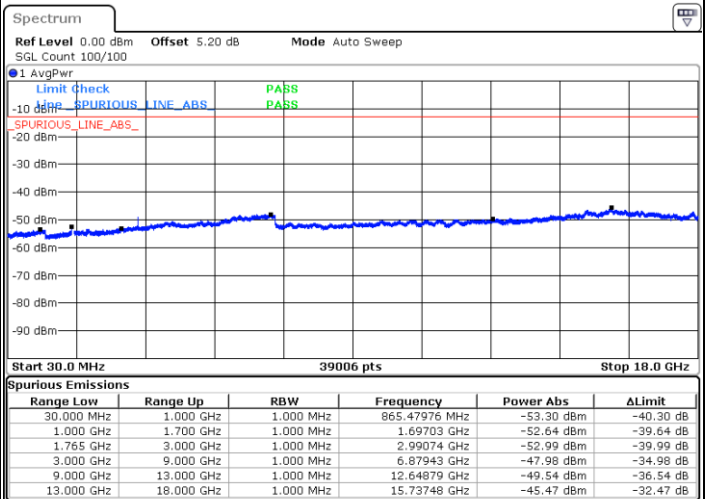
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



Date: 16 JAN 2020 01:19:55

## Lowest Channel / 16QAM



Date: 16 JAN 2020 01:20:50