

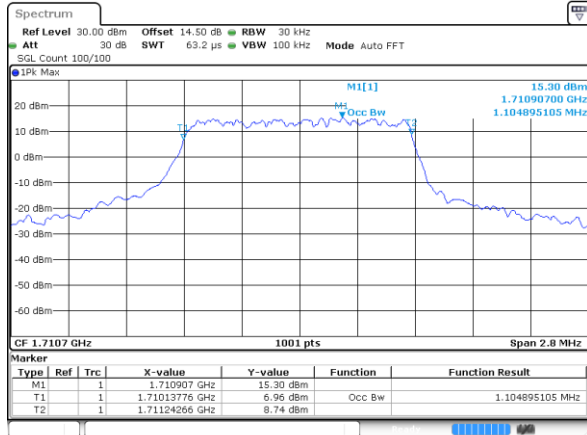
**Occupied Bandwidth**

| 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  | 1.1                      | 1.08  | 2.73 | 2.73  | 4.48 | 4.5   | 8.99  | 9.11  | 13.4  | 13.49 | 17.86 | 17.94 |
| Middle CH  | 1.09                     | 1.1   | 2.73 | 2.72  | 4.48 | 4.5   | 9.11  | 9.01  | 13.46 | 13.49 | 17.82 | 17.98 |
| Highest CH | 1.1                      | 1.1   | 2.72 | 2.73  | 4.5  | 4.49  | 9.01  | 8.97  | 13.43 | 13.49 | 17.98 | 18.06 |

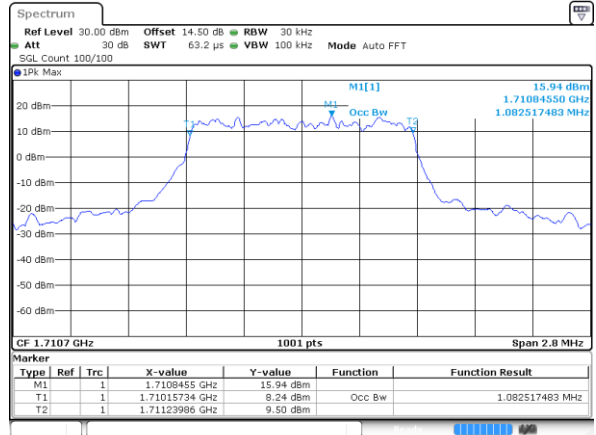


## LTE Band 4

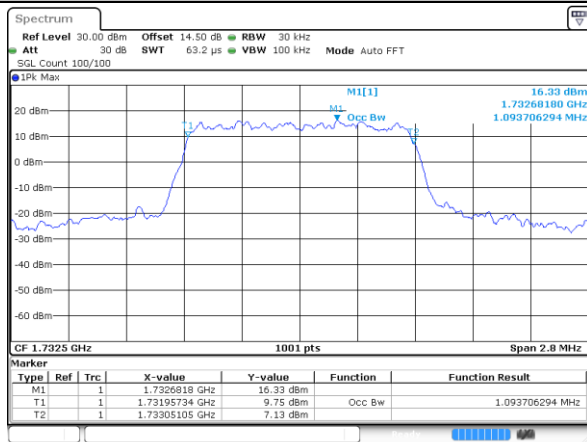
## Lowest Channel / 1.4MHz / QPSK



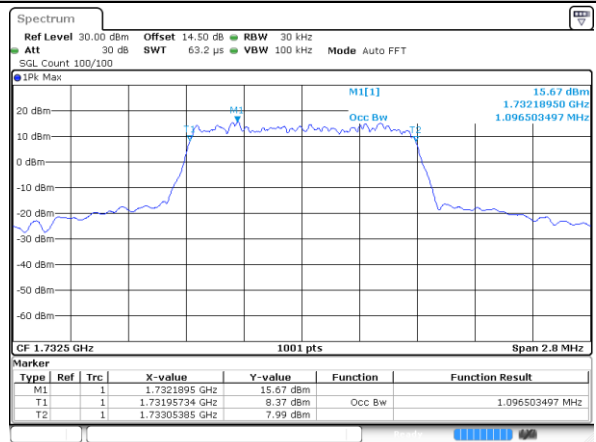
## Lowest Channel / 1.4MHz / 16QAM



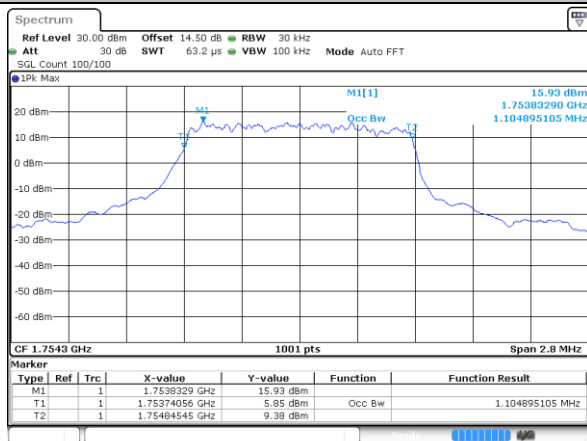
## Middle Channel / 1.4MHz / QPSK



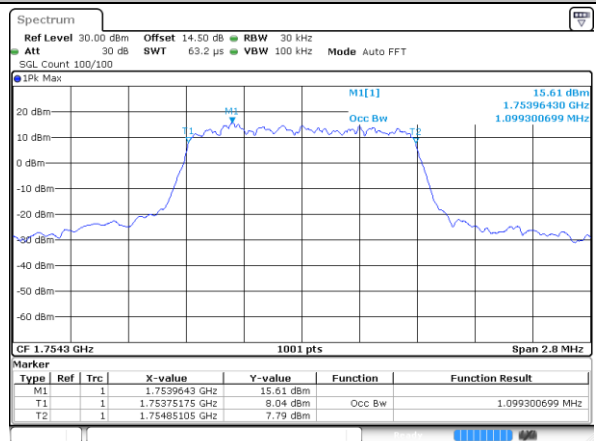
## Middle Channel / 1.4MHz / 16QAM



## Highest Channel / 1.4MHz / QPSK



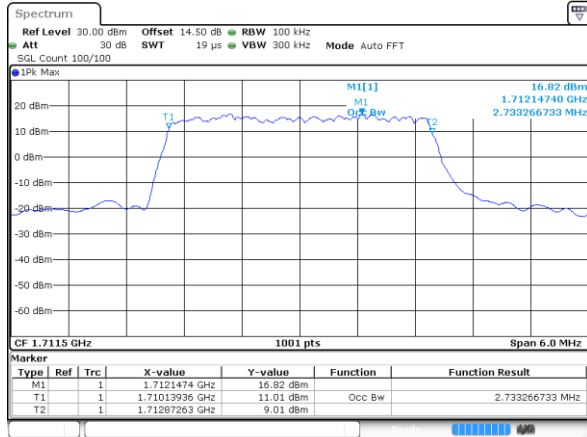
## Highest Channel / 1.4MHz / 16QAM





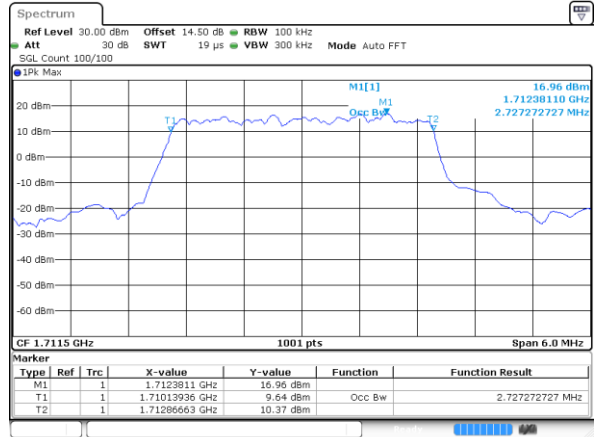
## LTE Band 4

## Lowest Channel / 3MHz / QPSK



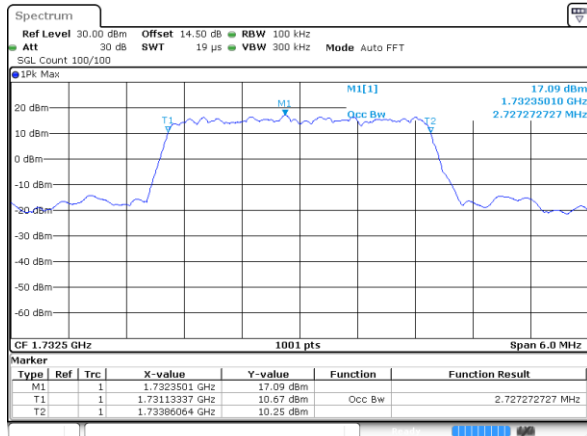
Date: 14 MAR 2020 17:04:30

## Lowest Channel / 3MHz / 16QAM



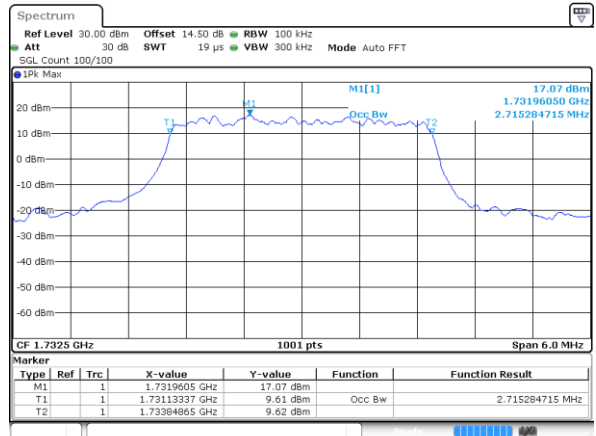
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## Middle Channel / 3MHz / QPSK



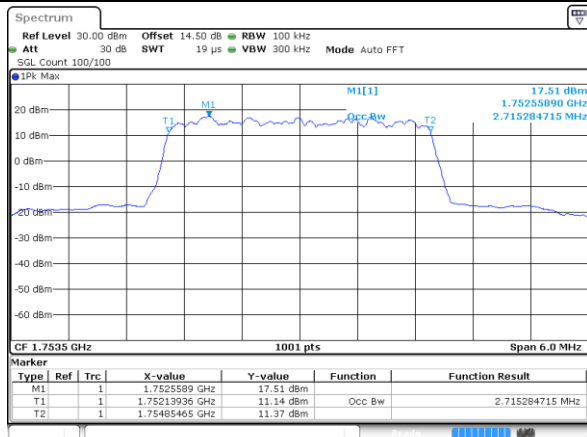
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## Middle Channel / 3MHz / 16QAM



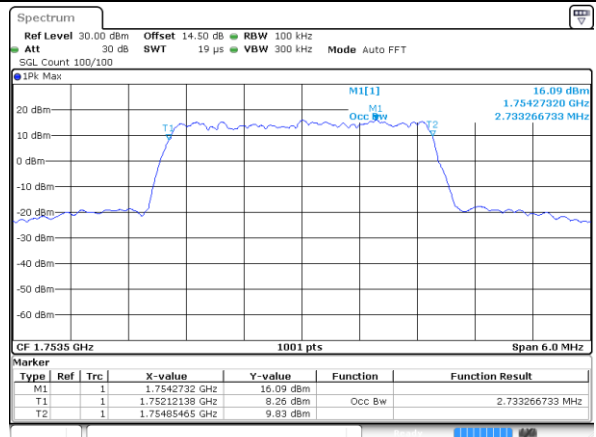
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## Highest Channel / 3MHz / QPSK



Date: 14 MAR 2020 17:12:12

## Highest Channel / 3MHz / 16QAM

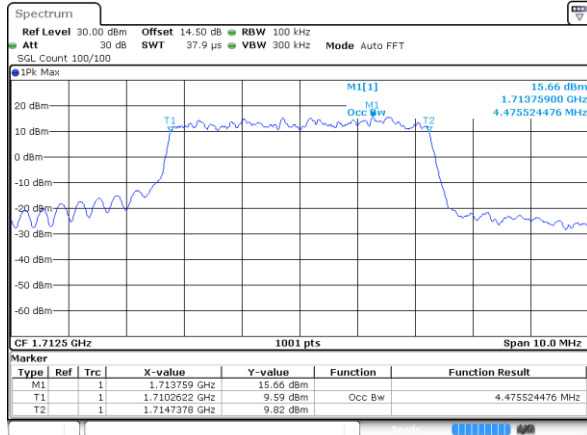


Date: 14 MAR 2020 17:12:23



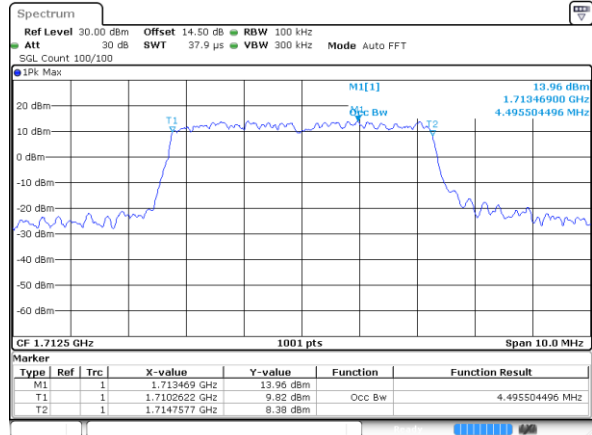
## LTE Band 4

## Lowest Channel / 5MHz / QPSK



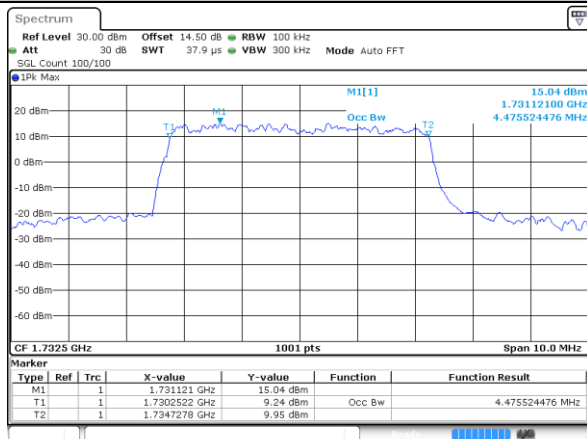
Date: 14 MAR 2020 17:18:00

## Lowest Channel / 5MHz / 16QAM



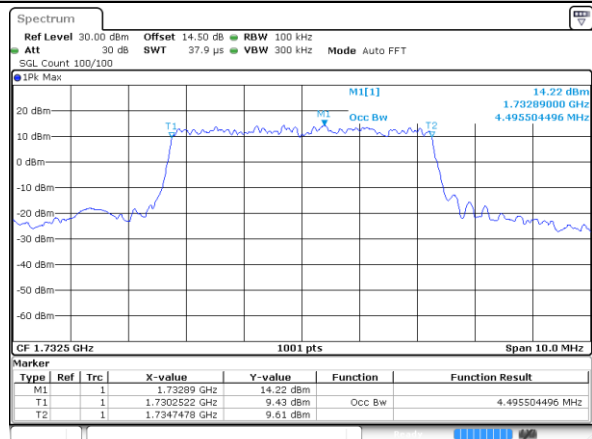
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## Middle Channel / 5MHz / QPSK



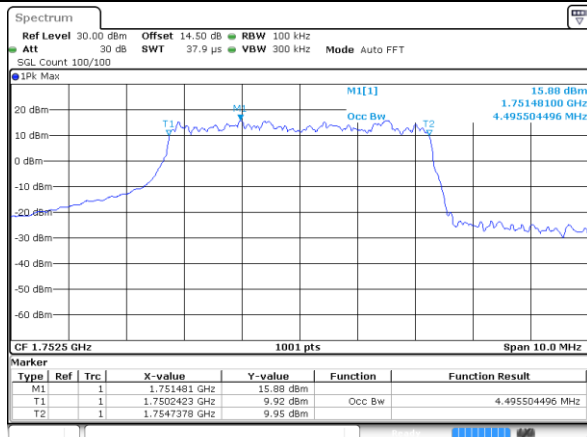
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## Middle Channel / 5MHz / 16QAM



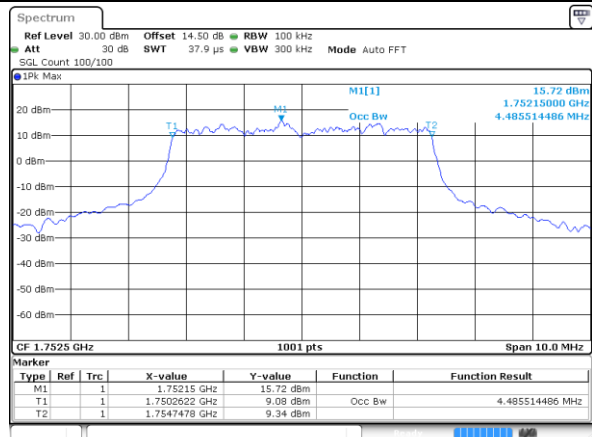
Date: 14 MAR 2020 17:23:59

## Highest Channel / 5MHz / QPSK



Date: 14 MAR 2020 17:25:41

## Highest Channel / 5MHz / 16QAM

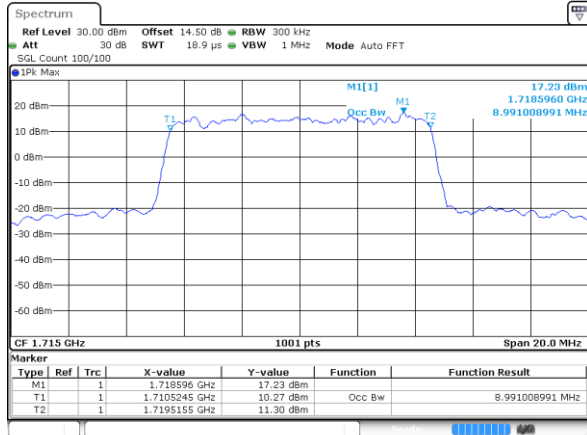


Date: 14 MAR 2020 17:25:52



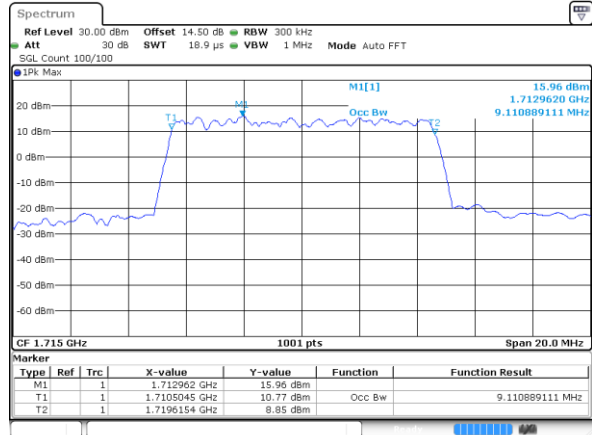
## LTE Band 4

## Lowest Channel / 10MHz / QPSK



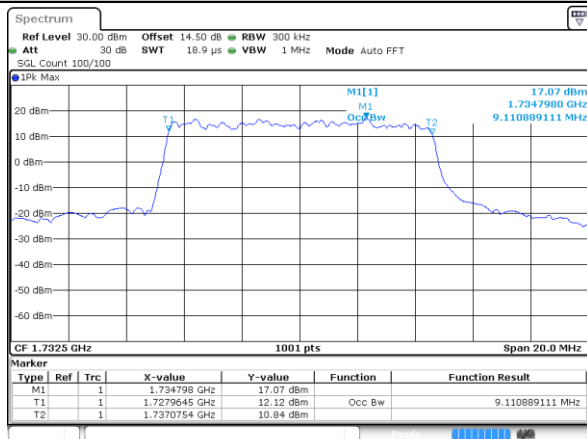
Date: 14 MAR 2020 17:31:29

## Lowest Channel / 10MHz / 16QAM



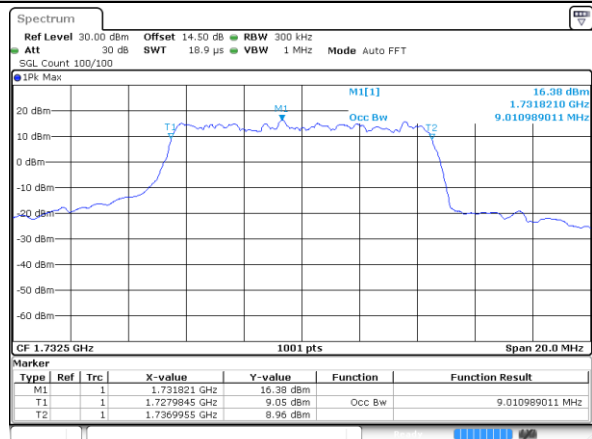
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## Middle Channel / 10MHz / QPSK



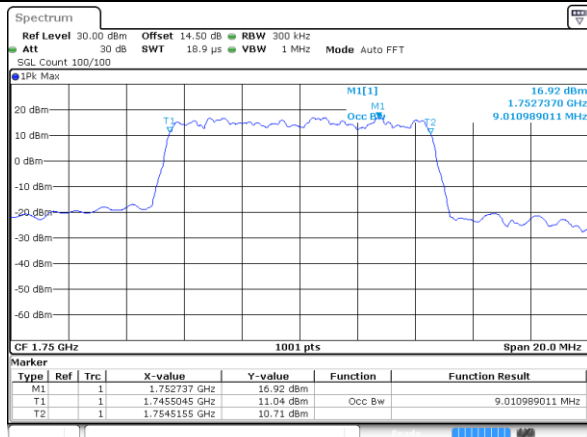
Date: 14 MAR 2020 17:37:17

## Middle Channel / 10MHz / 16QAM



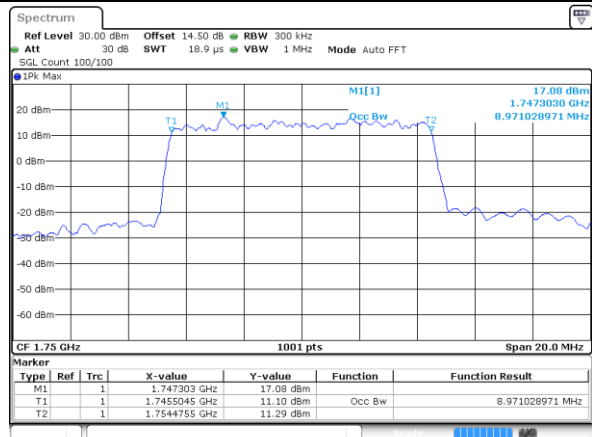
Date: 14 MAR 2020 17:37:28

## Highest Channel / 10MHz / QPSK



Date: 14 MAR 2020 17:39:10

## Highest Channel / 10MHz / 16QAM

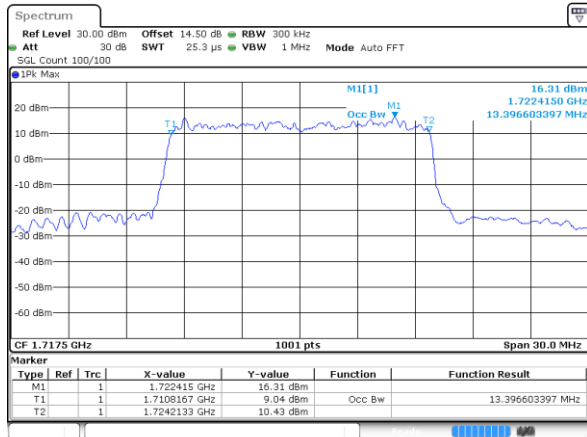


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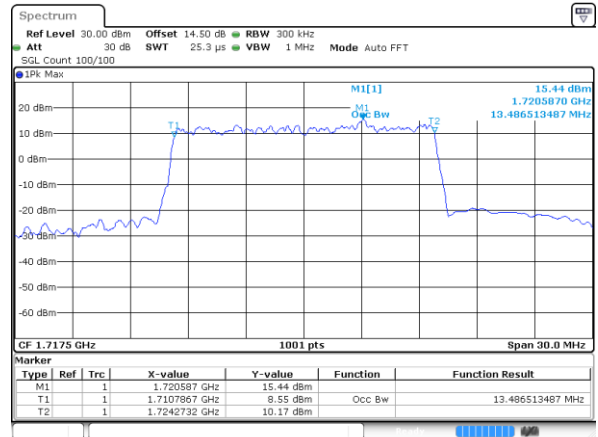


## LTE Band 4

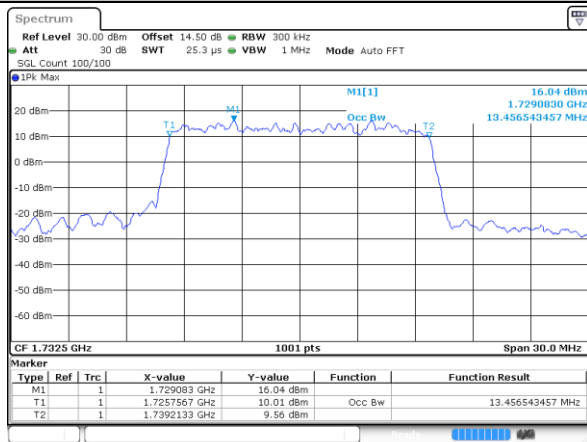
## Lowest Channel / 15MHz / QPSK



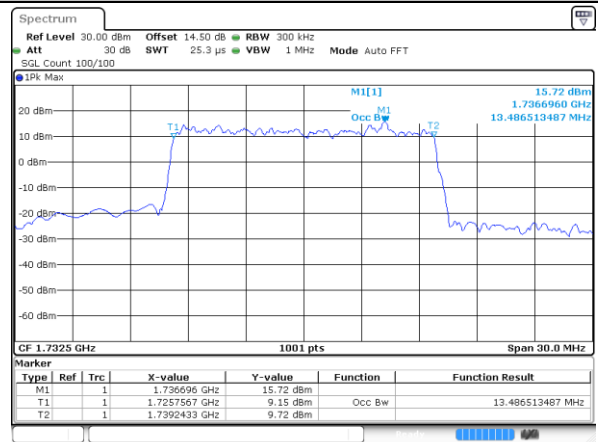
## Lowest Channel / 15MHz / 16QAM



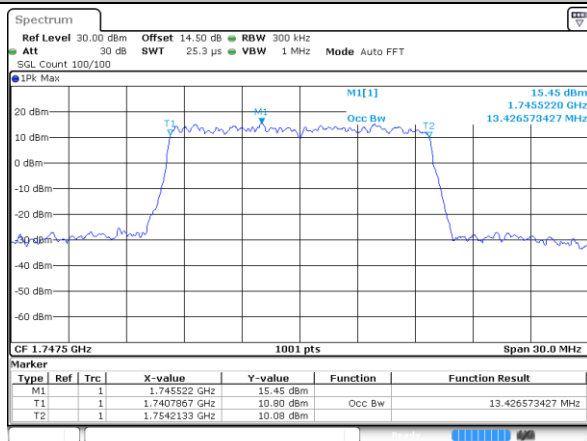
## Middle Channel / 15MHz / QPSK



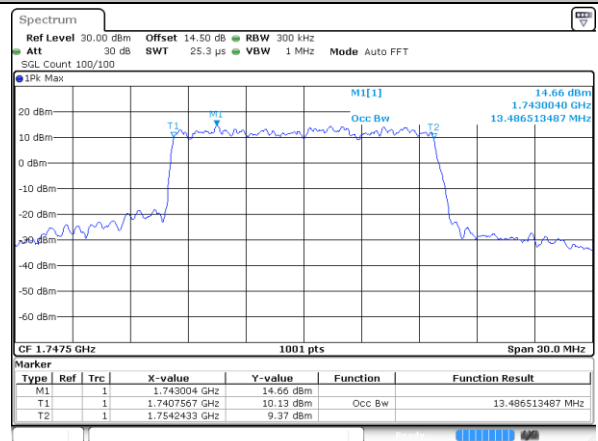
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



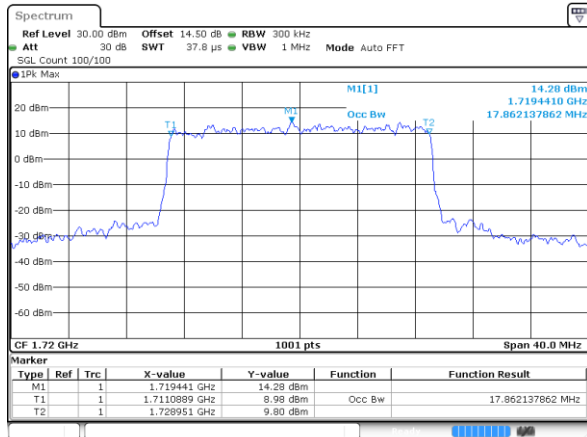
## Highest Channel / 15MHz / 16QAM



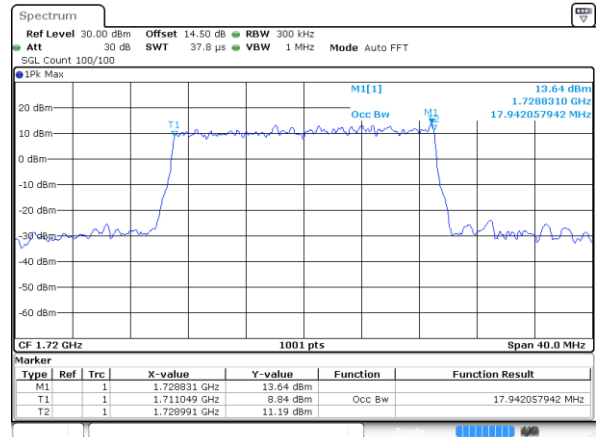


## LTE Band 4

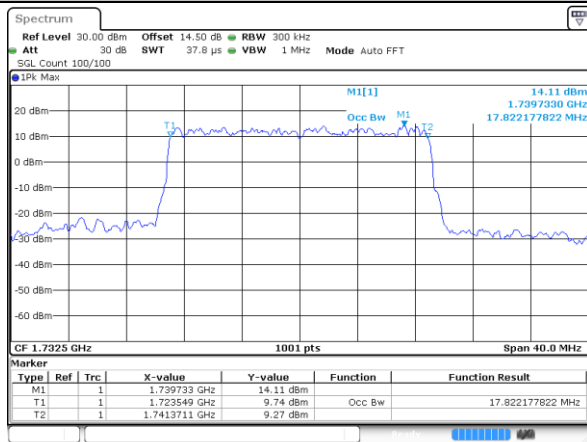
## Lowest Channel / 20MHz / QPSK



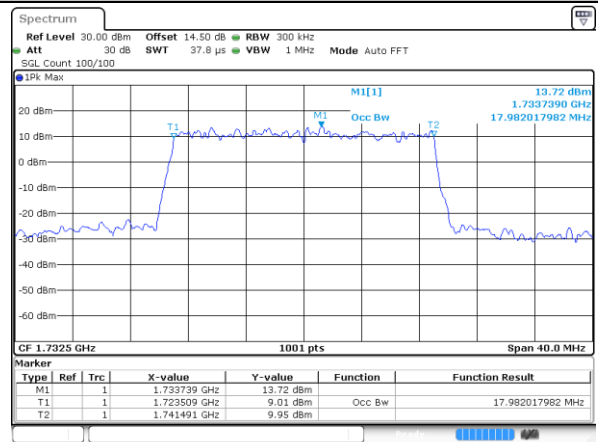
## Lowest Channel / 20MHz / 16QAM



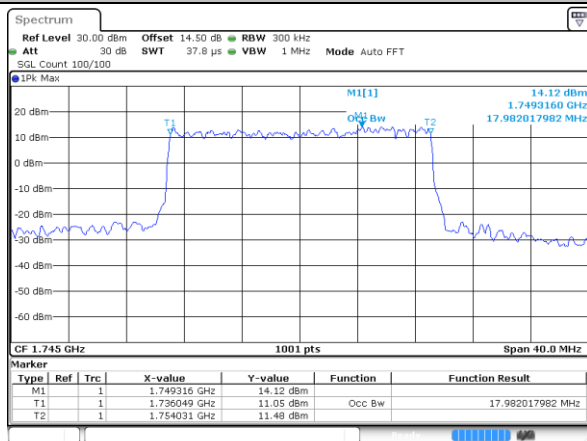
## Middle Channel / 20MHz / QPSK



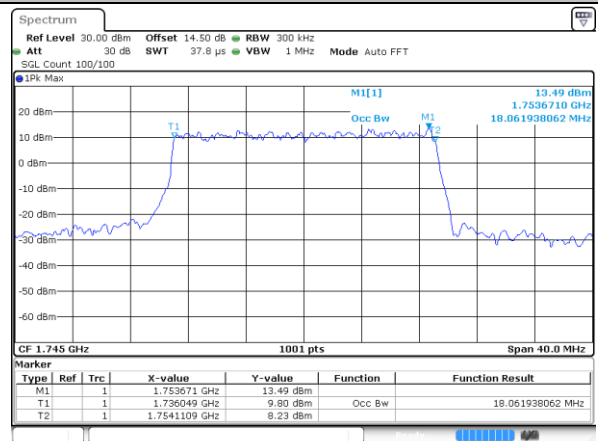
## Middle Channel / 20MHz / 16QAM

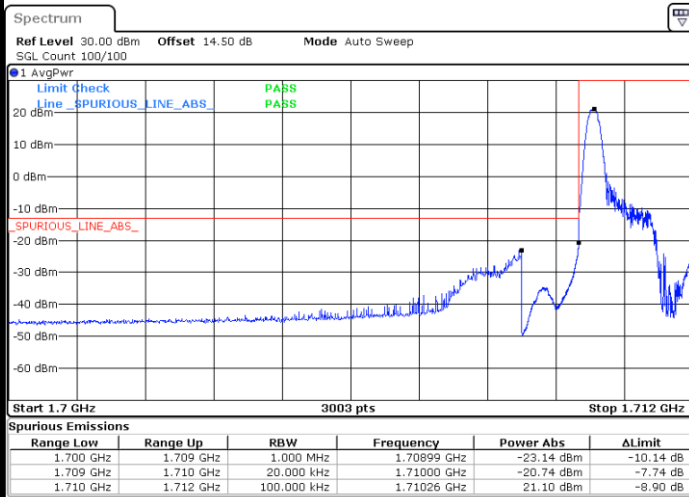
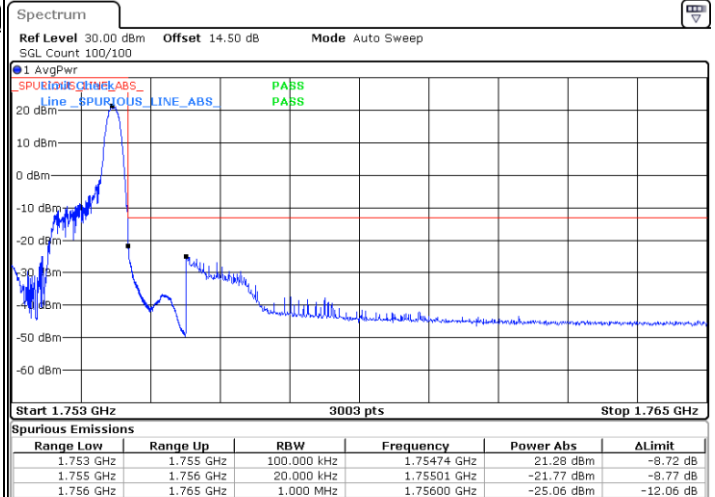
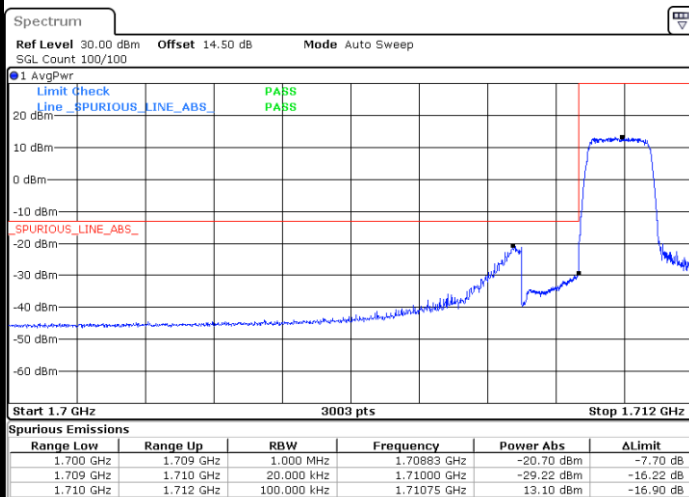
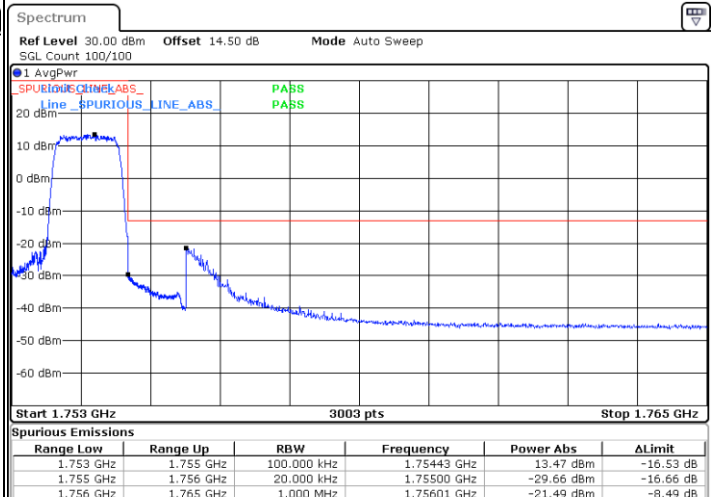


## Highest Channel / 20MHz / QPSK



## Highest Channel / 20MHz / 16QAM

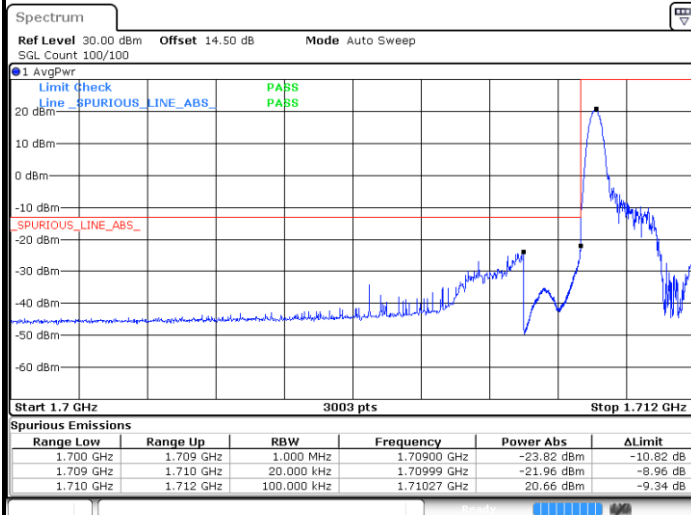


**Conducted Band Edge****LTE Band 4 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

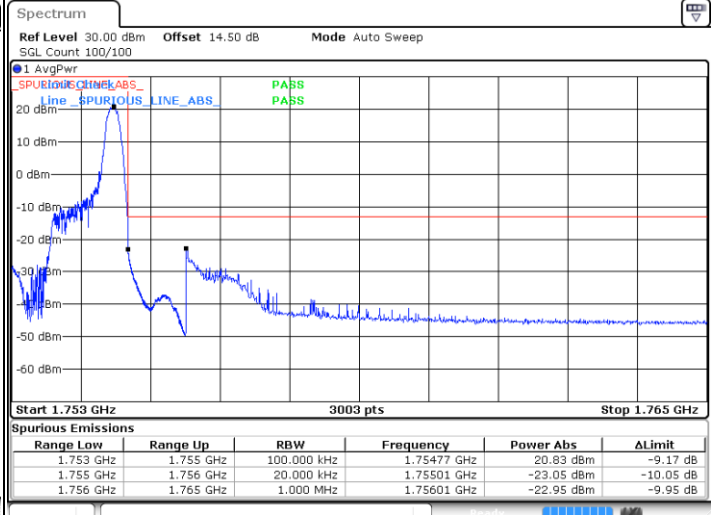


## LTE Band 4 / 1.4MHz / 16QAM

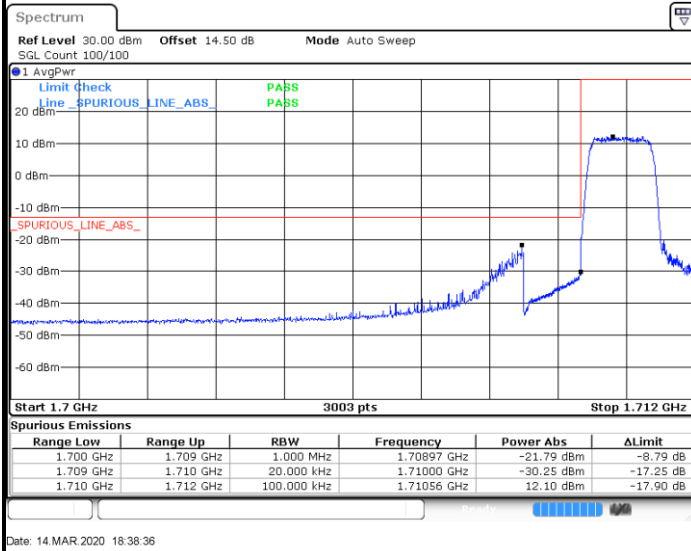
## Lowest Band Edge / 1 RB



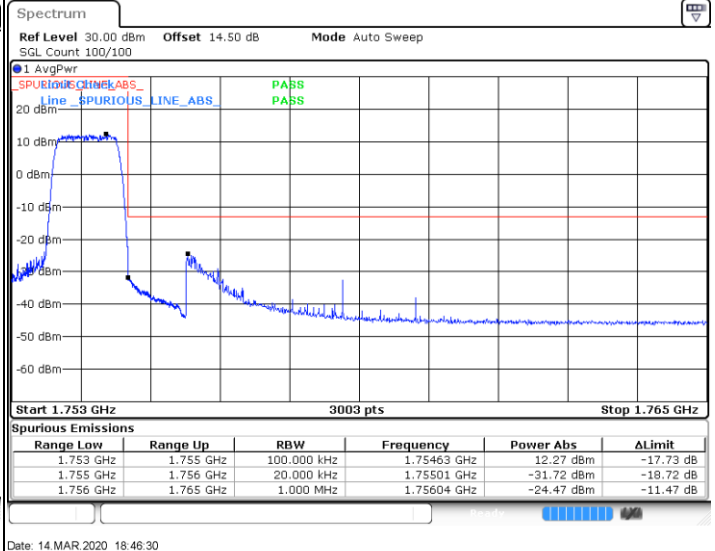
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



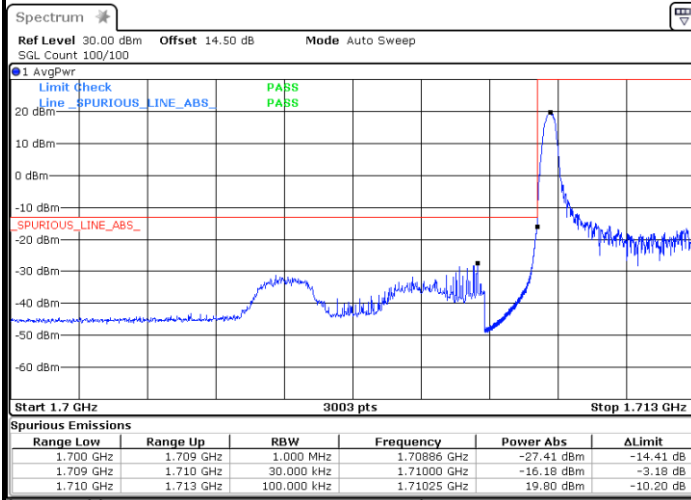
## Highest Band Edge / Full RB



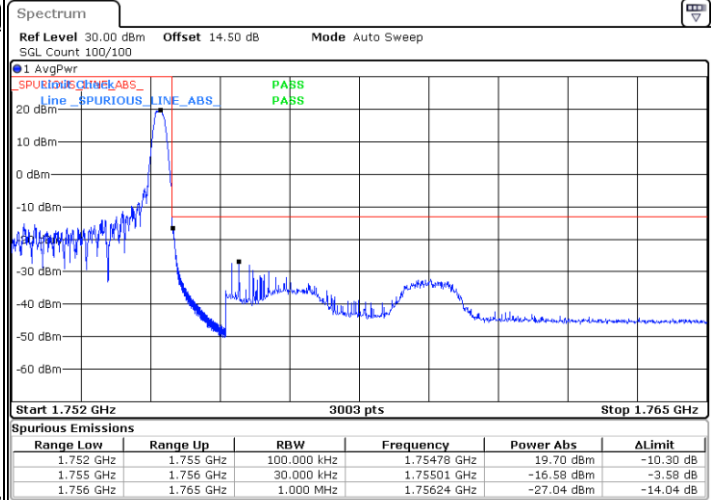


## LTE Band 4 / 3MHz / QPSK

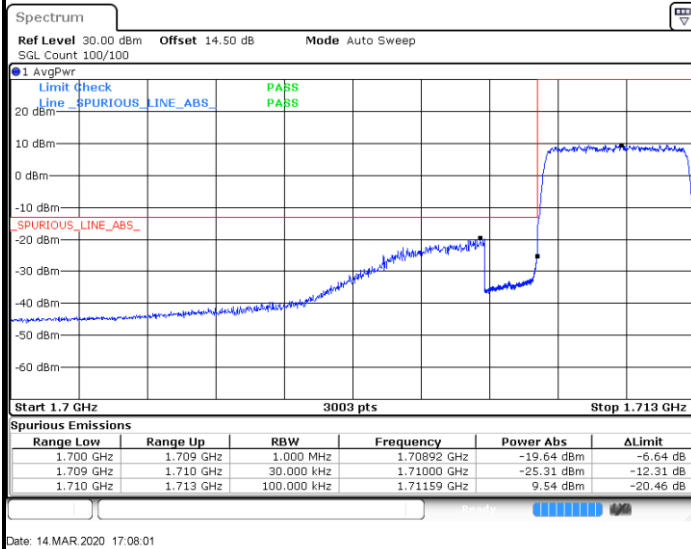
## Lowest Band Edge / 1RB



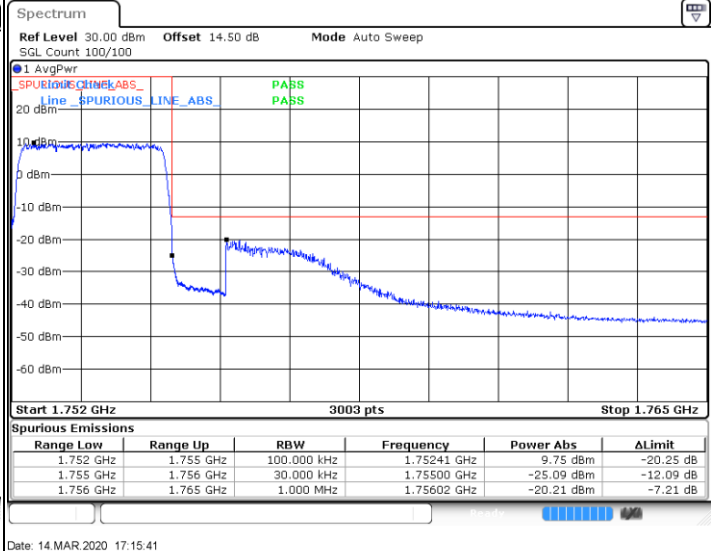
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



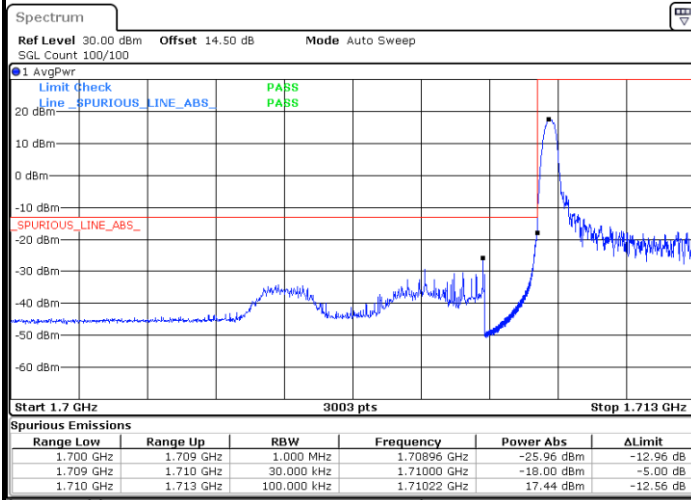
## Highest Band Edge / Full RB



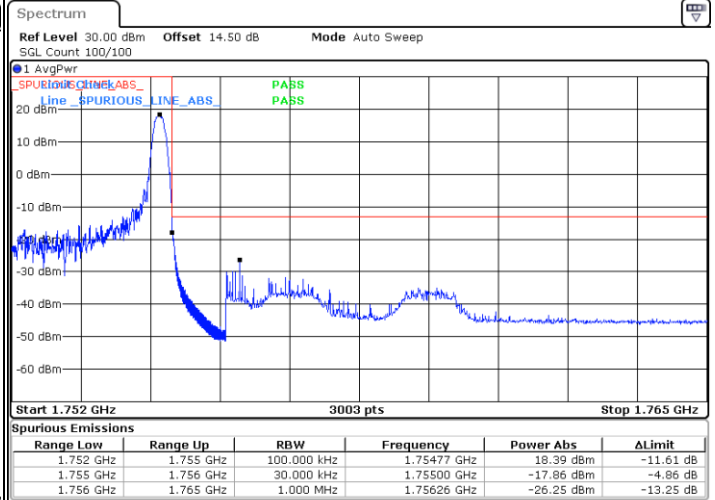


## LTE Band 4 / 3MHz / 16QAM

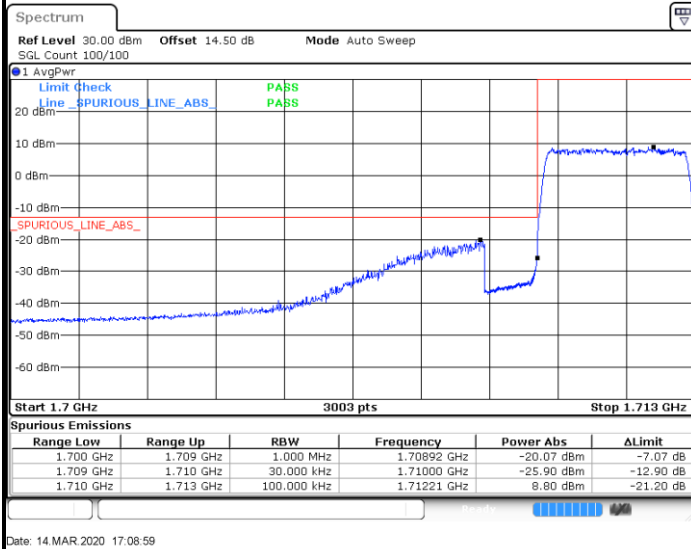
## Lowest Band Edge / 1 RB



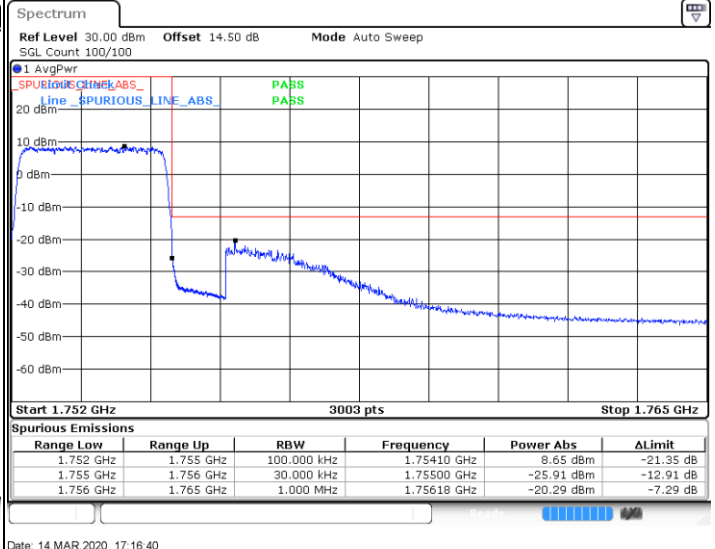
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



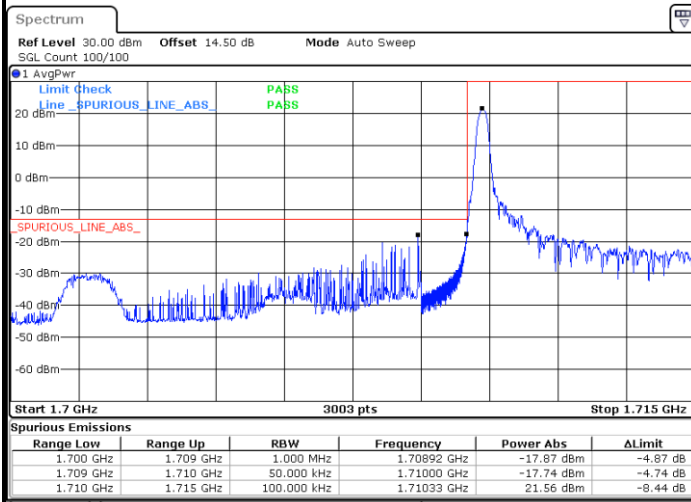
## Highest Band Edge / Full RB



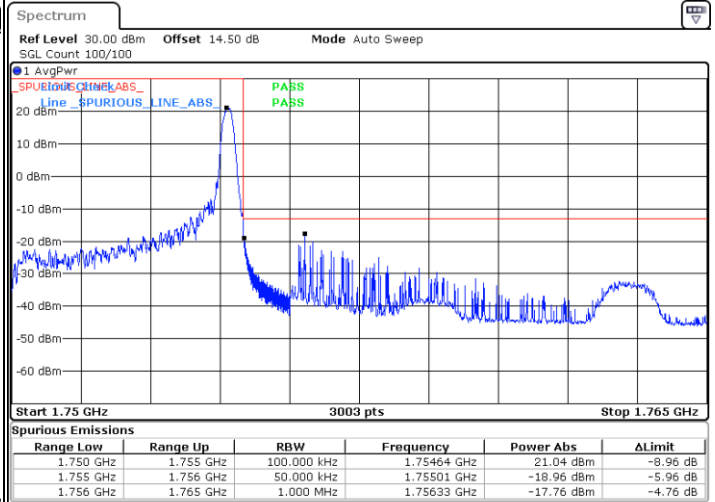


## LTE Band 4 / 5MHz / QPSK

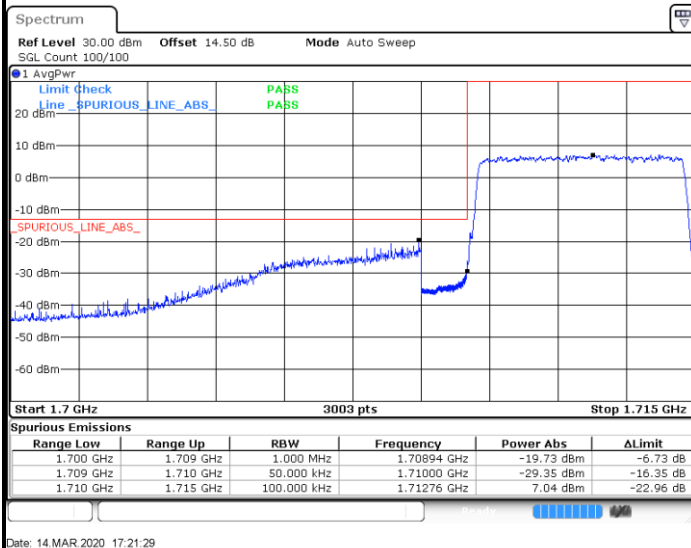
## Lowest Band Edge / 1 RB



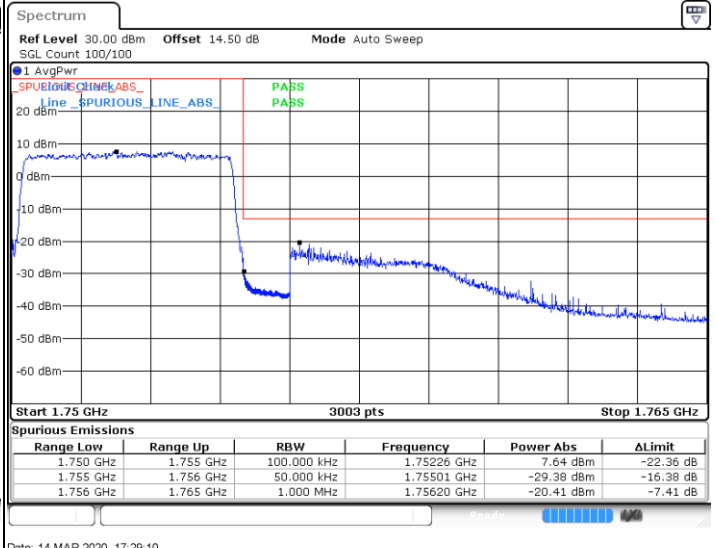
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



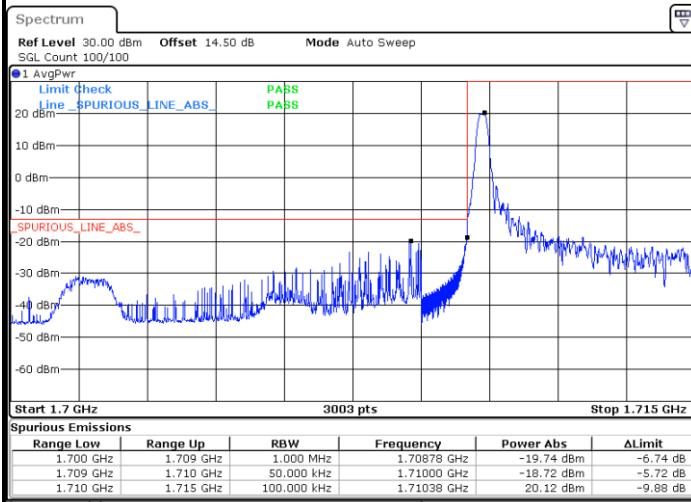
## Highest Band Edge / Full RB



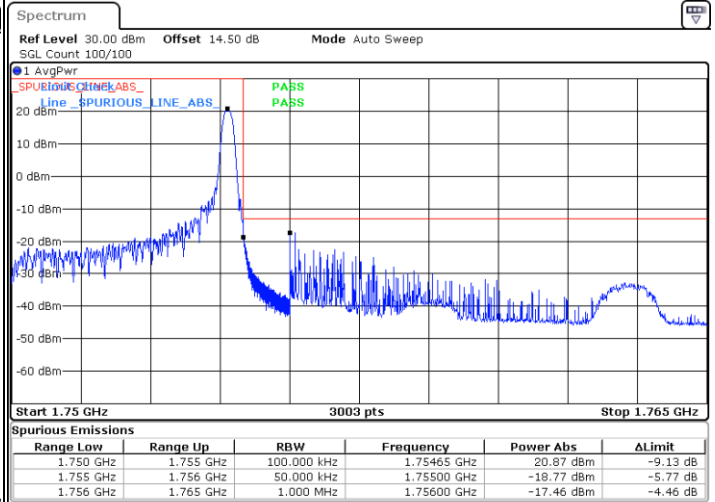


## LTE Band 4 / 5MHz / 16QAM

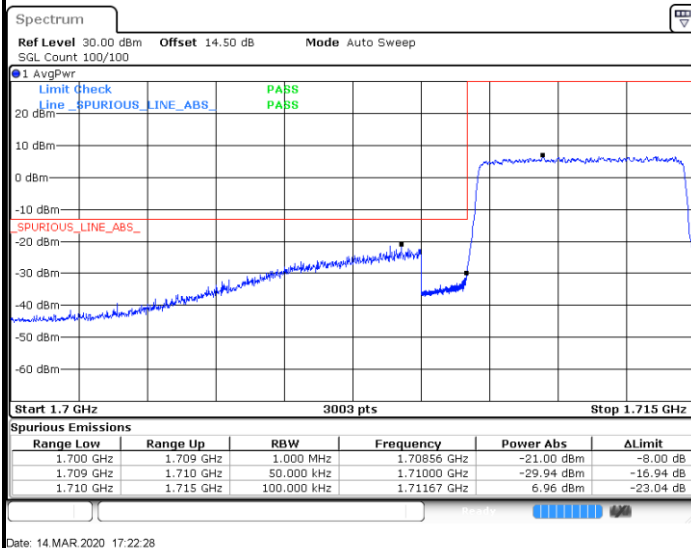
## Lowest Band Edge / 1RB



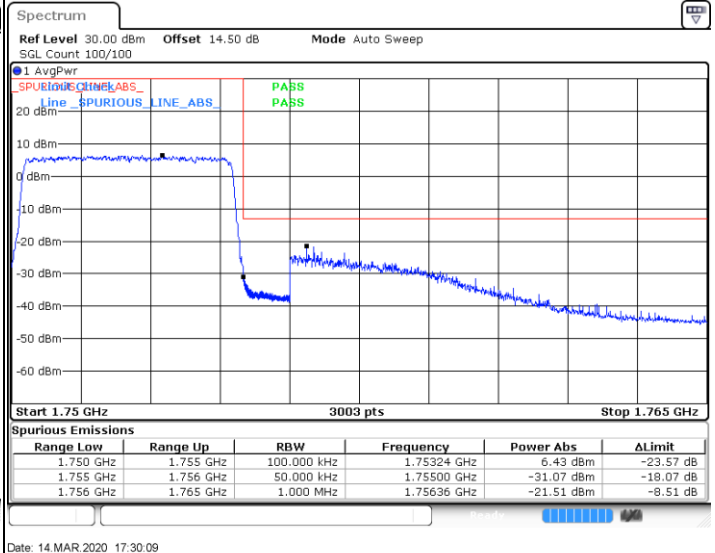
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



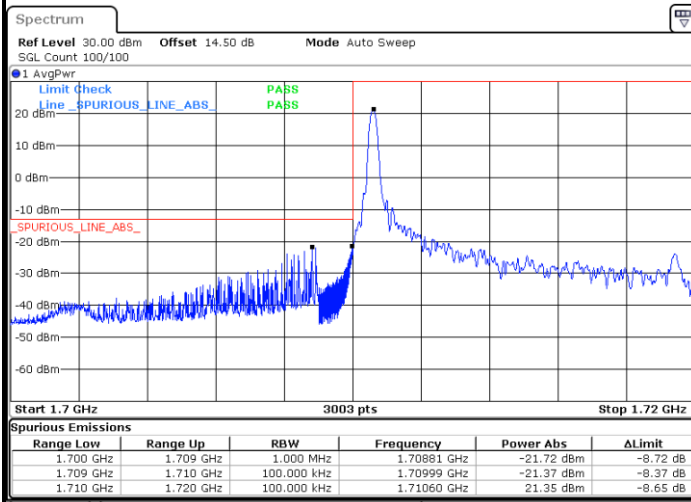
## Highest Band Edge / Full RB



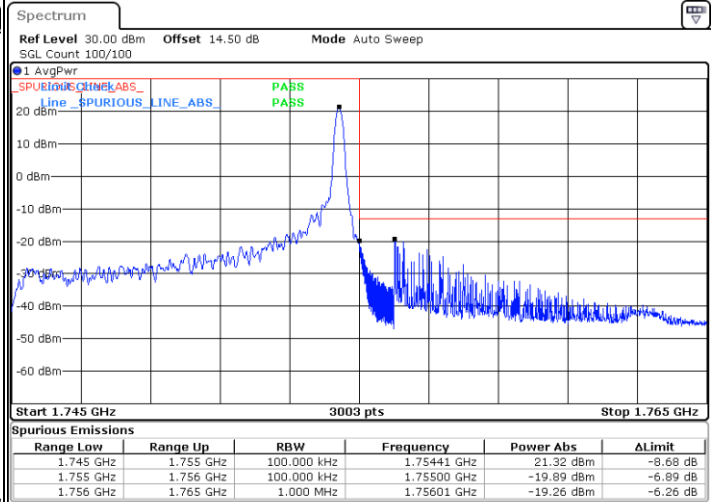


## LTE Band 4 / 10MHz / QPSK

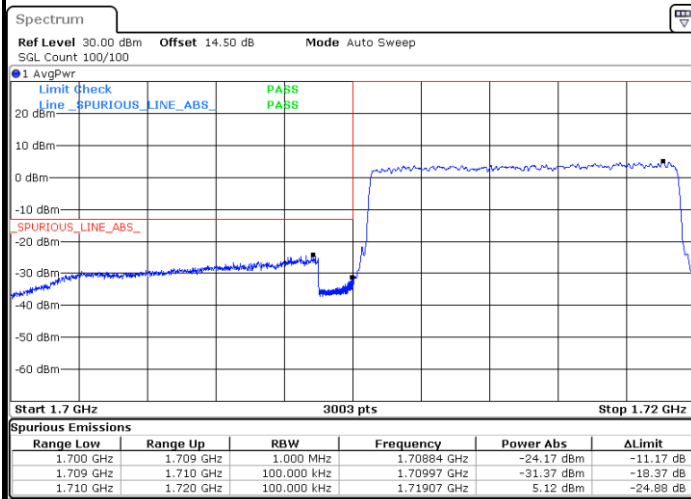
## Lowest Band Edge / 1 RB



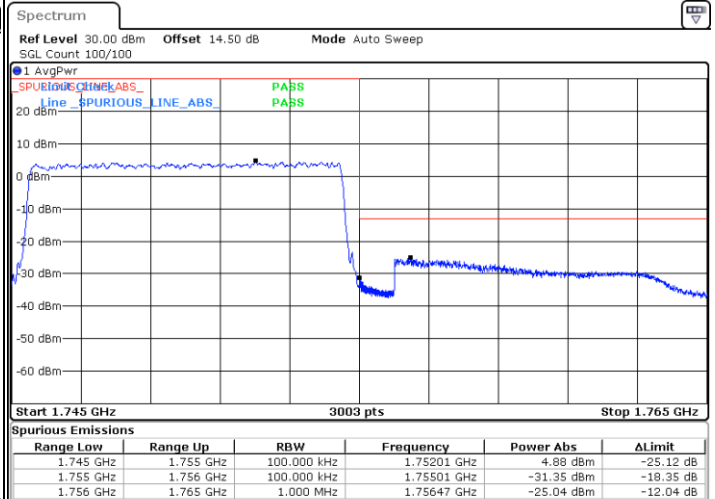
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



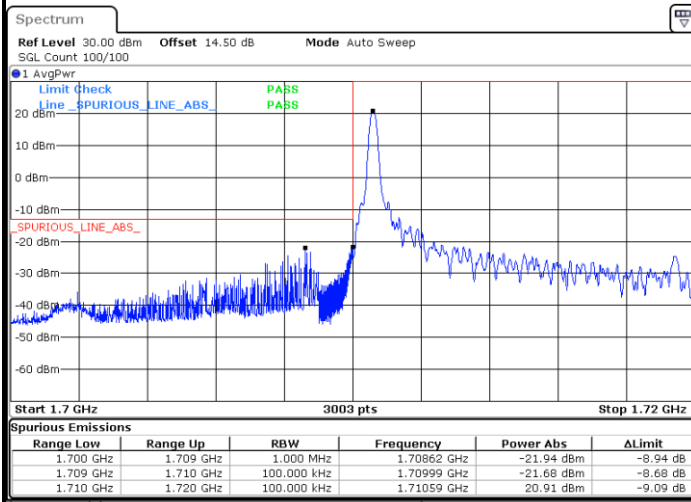
## Highest Band Edge / Full RB



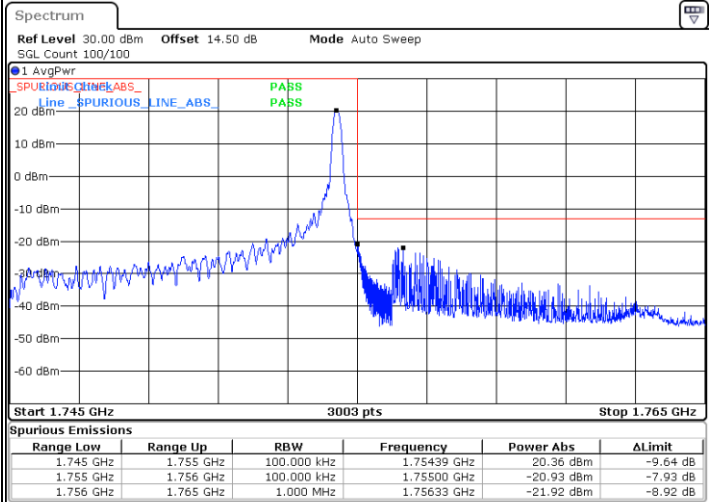


## LTE Band 4 / 10MHz / 16QAM

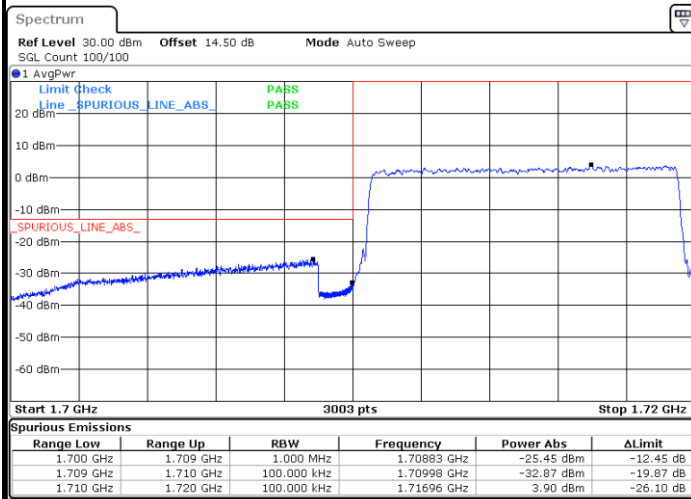
## Lowest Band Edge / 1 RB



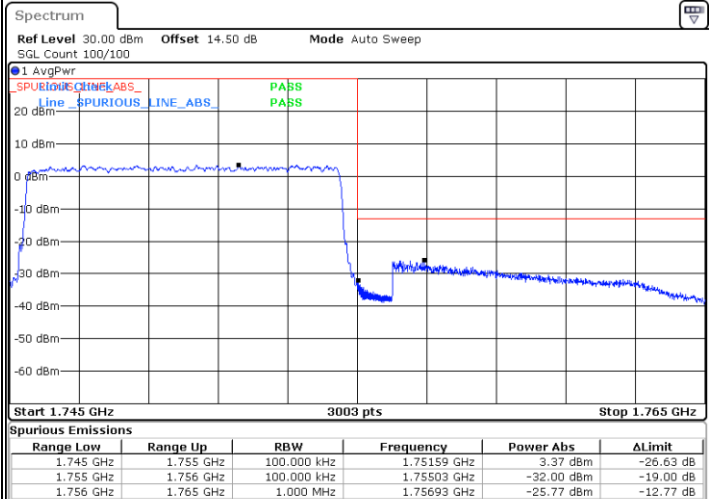
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



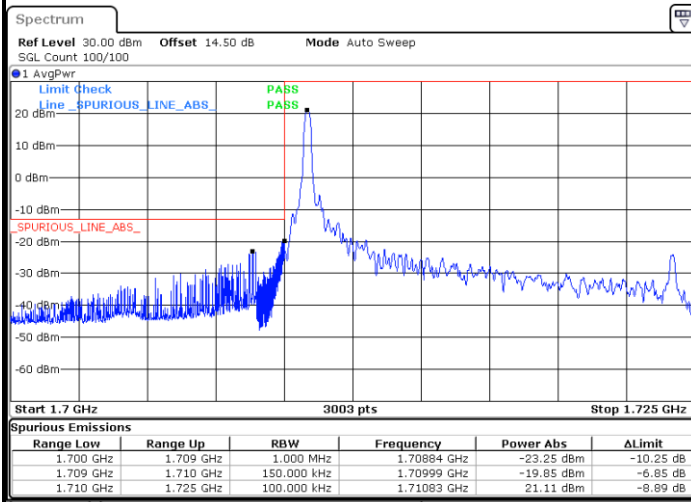
## Highest Band Edge / Full RB



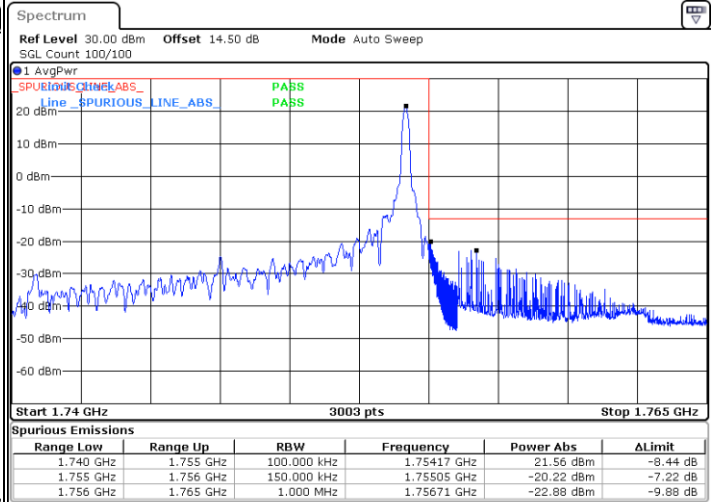


## LTE Band 4 / 15MHz / QPSK

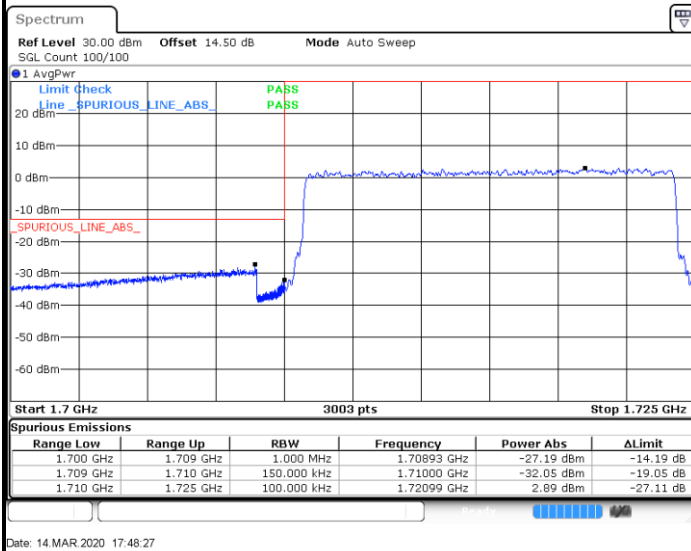
## Lowest Band Edge / 1 RB



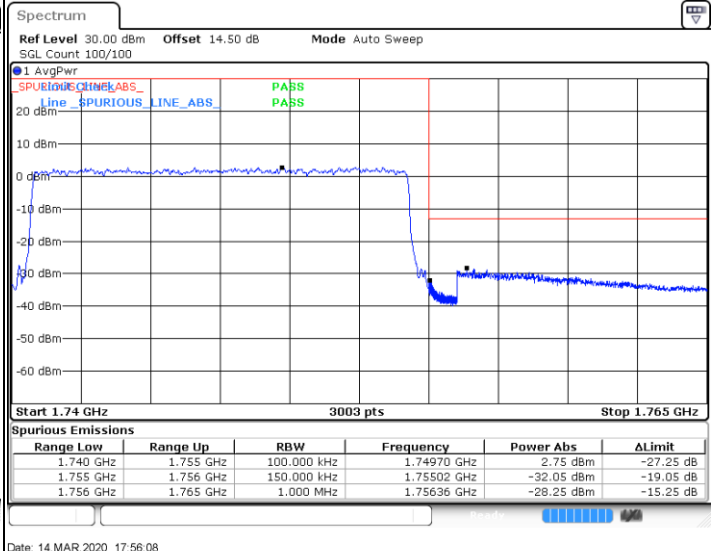
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



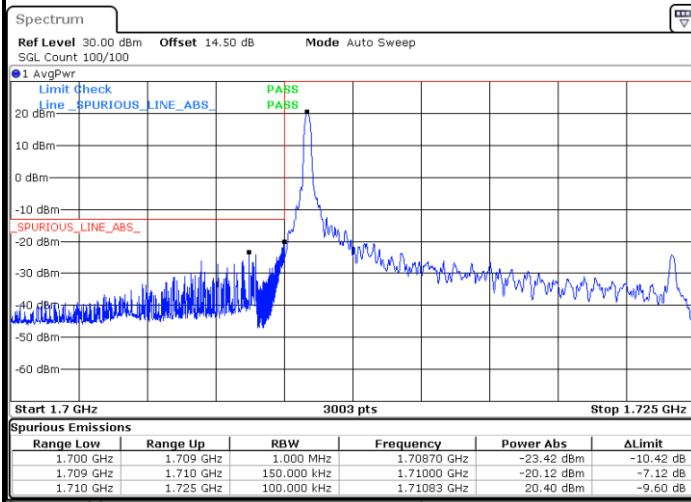
## Highest Band Edge / Full RB



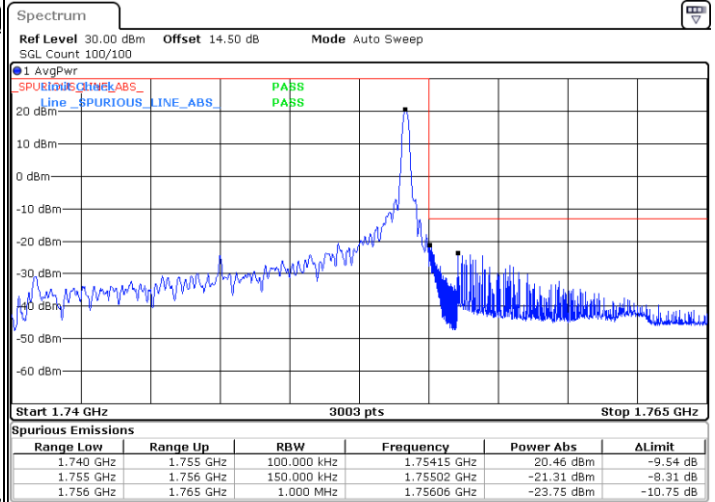


## LTE Band 4 / 15MHz / 16QAM

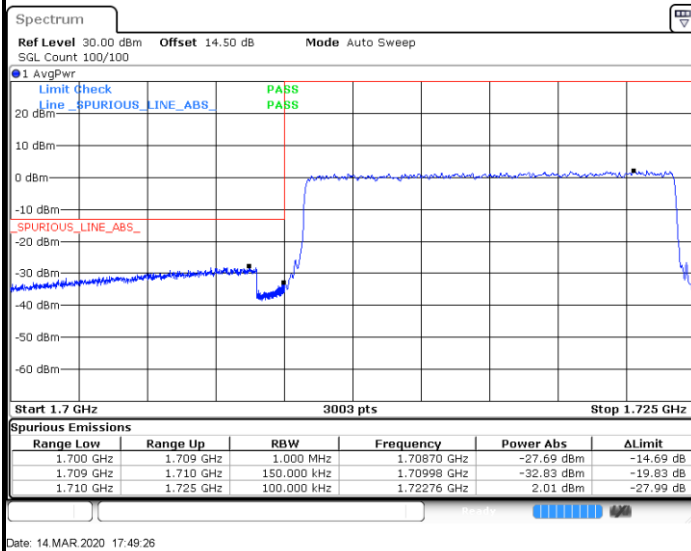
## Lowest Band Edge / 1 RB



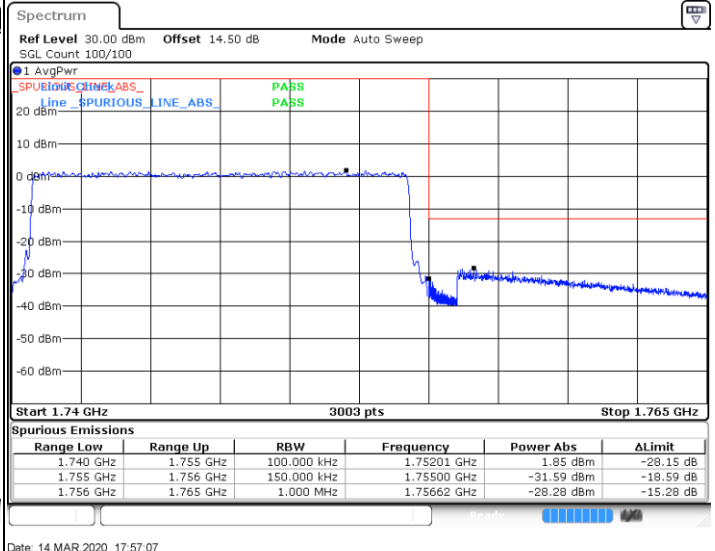
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



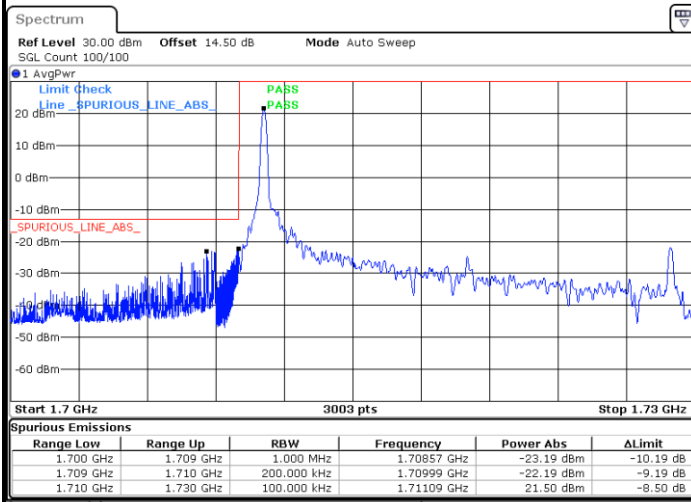
## Highest Band Edge / Full RB



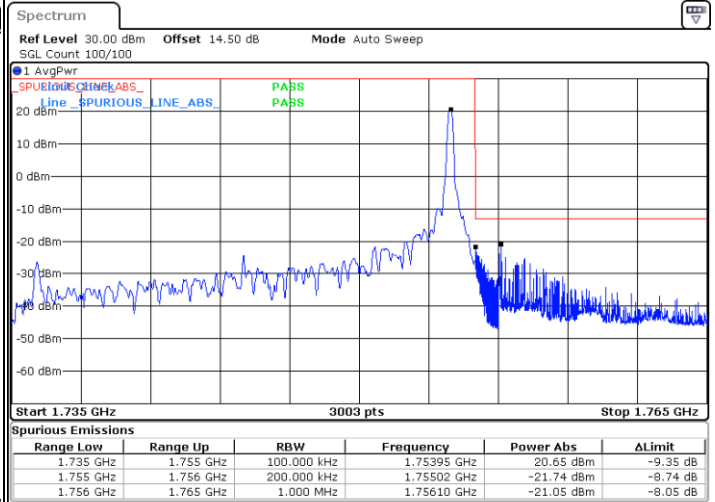


## LTE Band 4 / 20MHz / QPSK

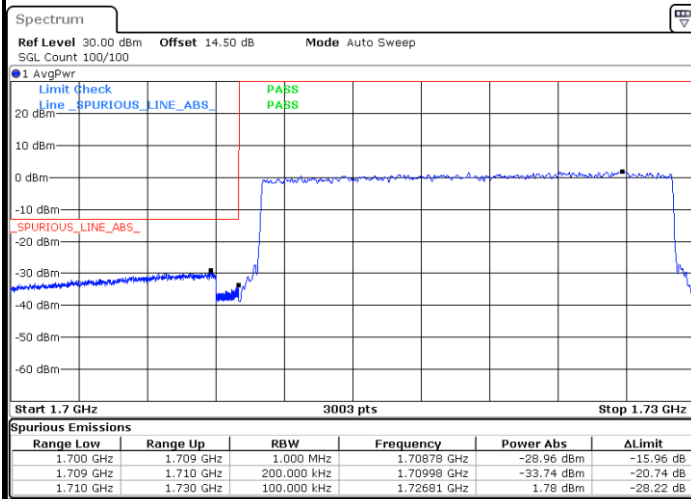
## Lowest Band Edge / 1 RB



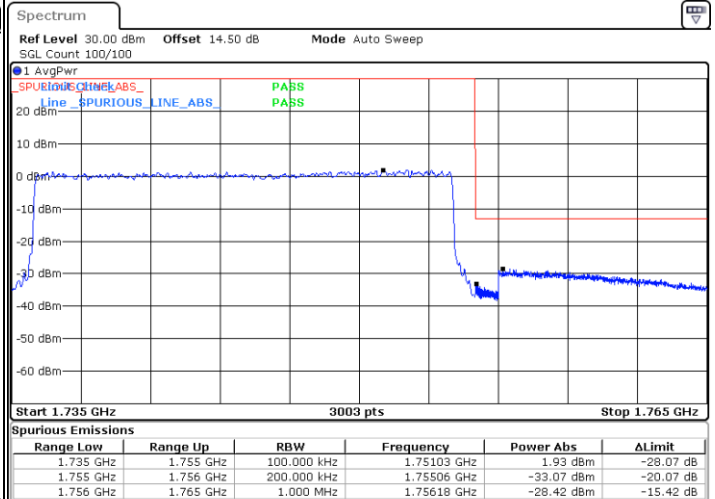
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



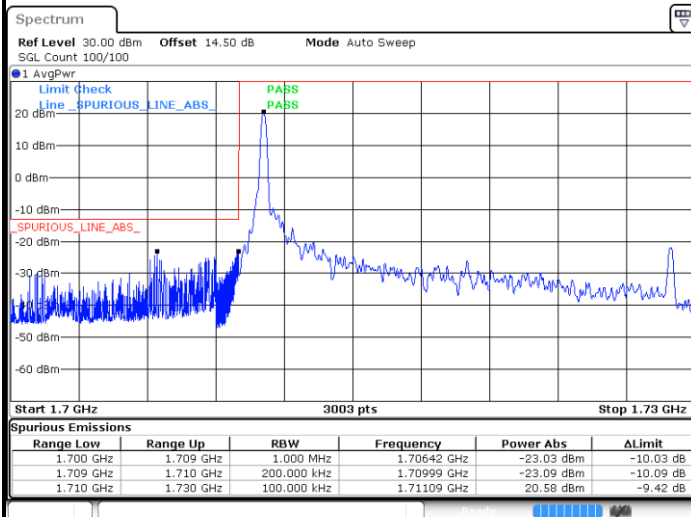
## Highest Band Edge / Full RB



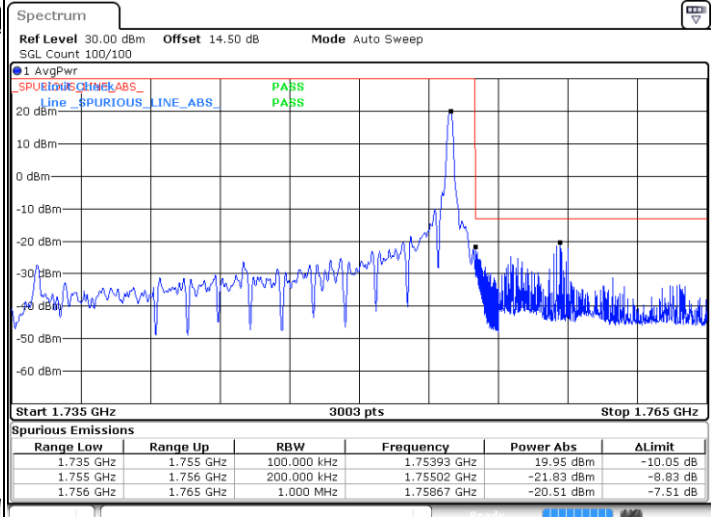


## LTE Band 4 / 20MHz / 16QAM

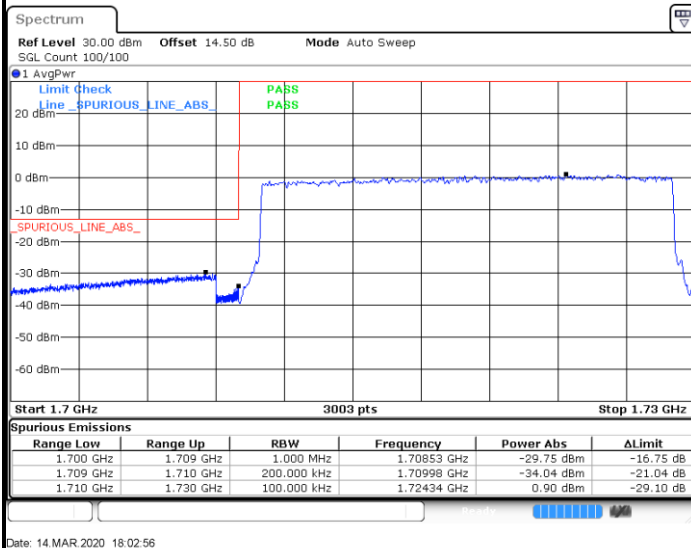
## Lowest Band Edge / 1 RB



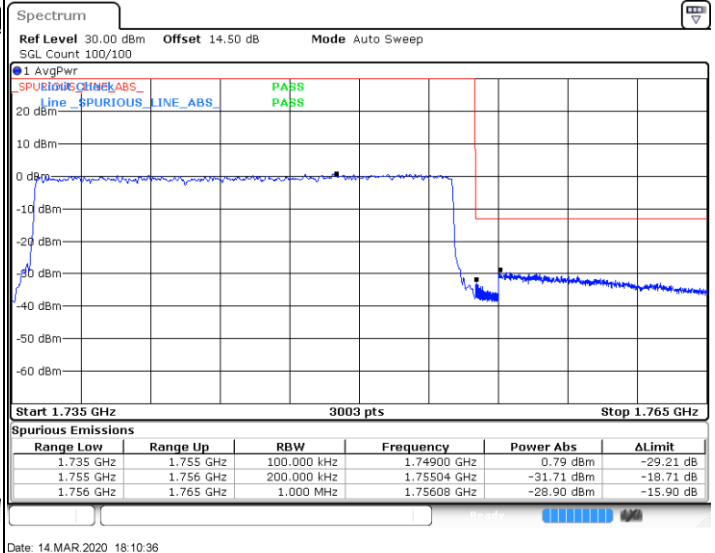
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

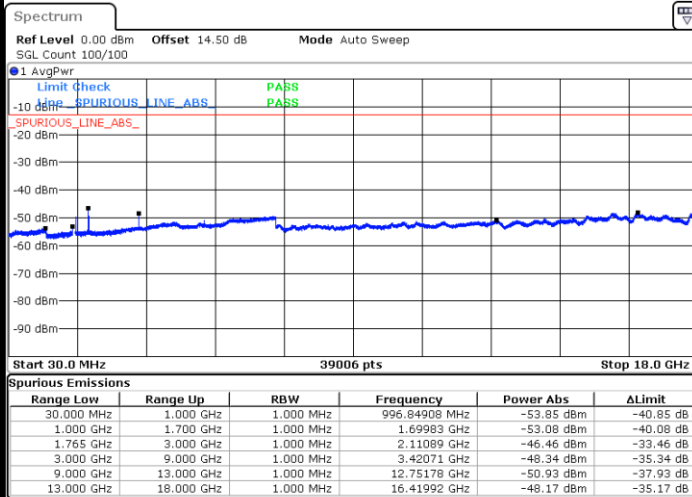




# Conducted Spurious Emission

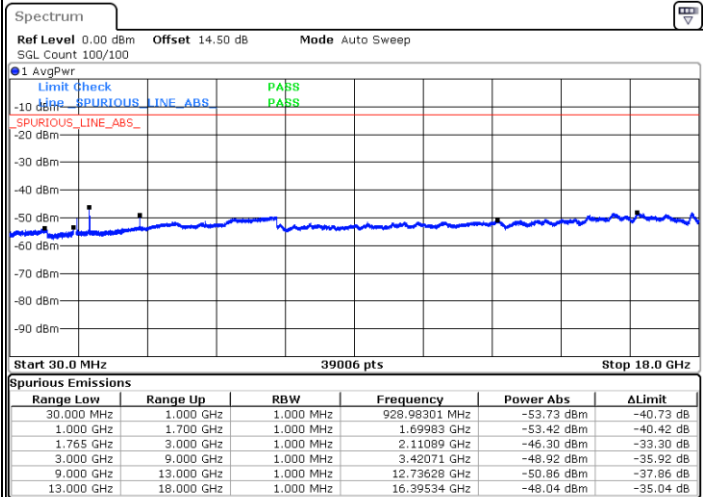
## LTE Band 4 / 1.4MHz

### Lowest Channel / QPSK



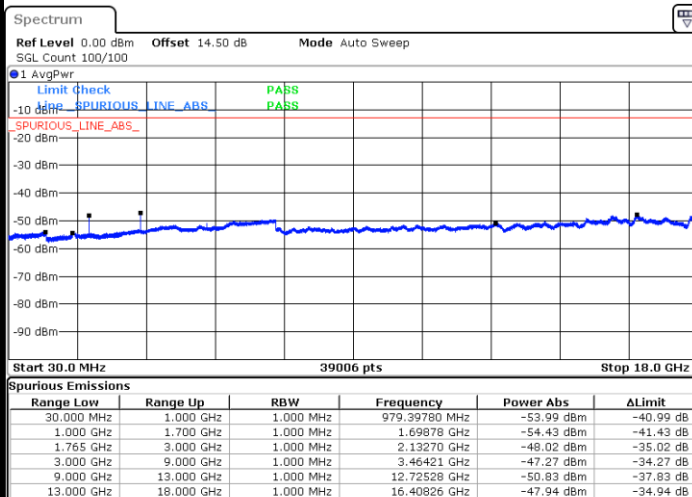
Date: 14.MAR.2020 18:39:11

### Lowest Channel / 16QAM



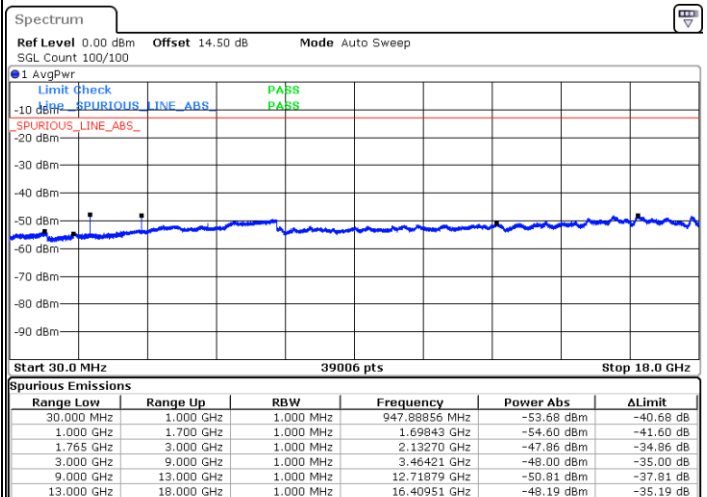
Date: 14.MAR.2020 18:39:45

### Middle Channel / QPSK



Date: 14.MAR.2020 18:41:03

### Middle Channel / 16QAM

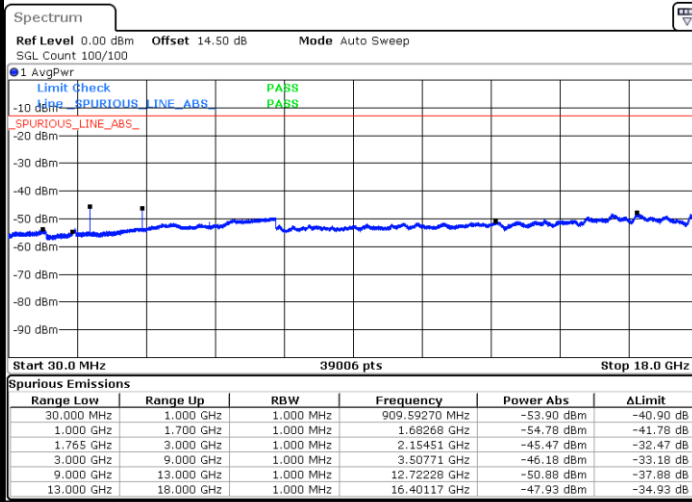


Date: 14.MAR.2020 18:41:38



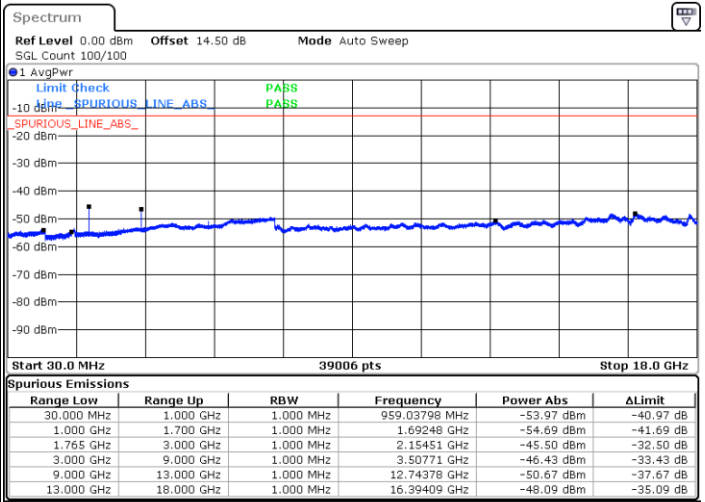
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 14.MAR.2020 18:47:04

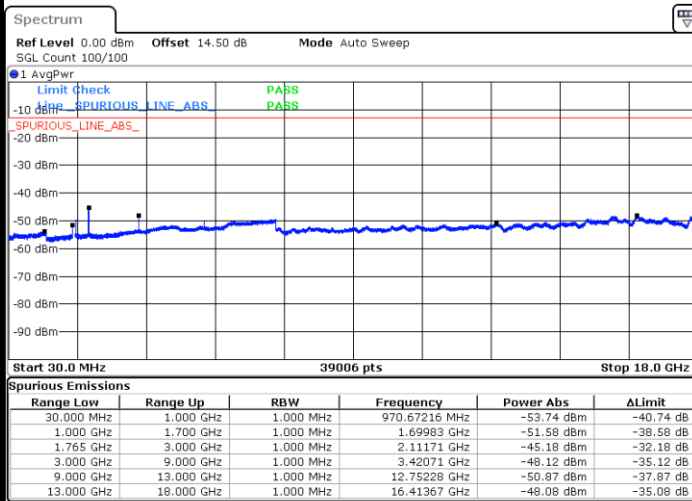
## Highest Channel / 16QAM



Date: 14.MAR.2020 18:47:39

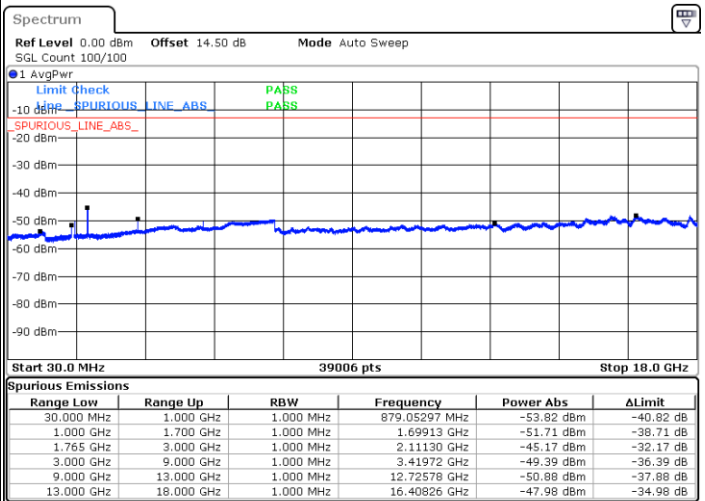
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



Date: 14.MAR.2020 17:09:34

## Lowest Channel / 16QAM

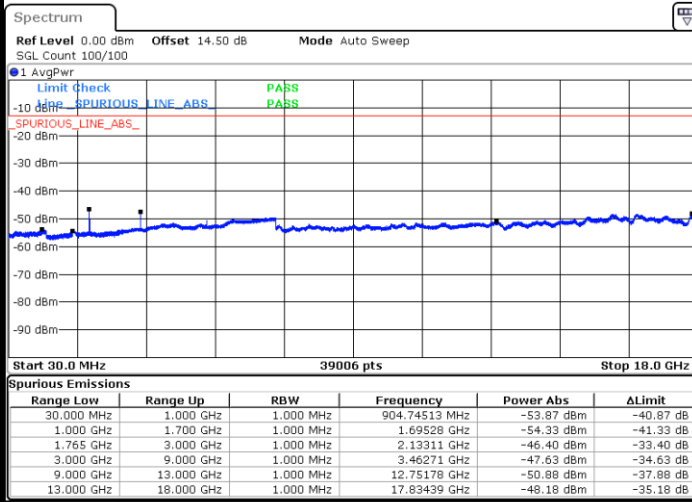


Date: 14.MAR.2020 17:10:09



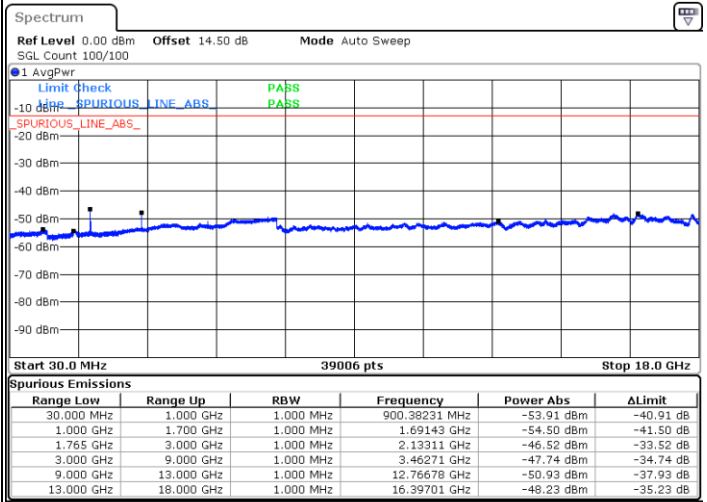
## LTE Band 4 / 3MHz

## Middle Channel / QPSK



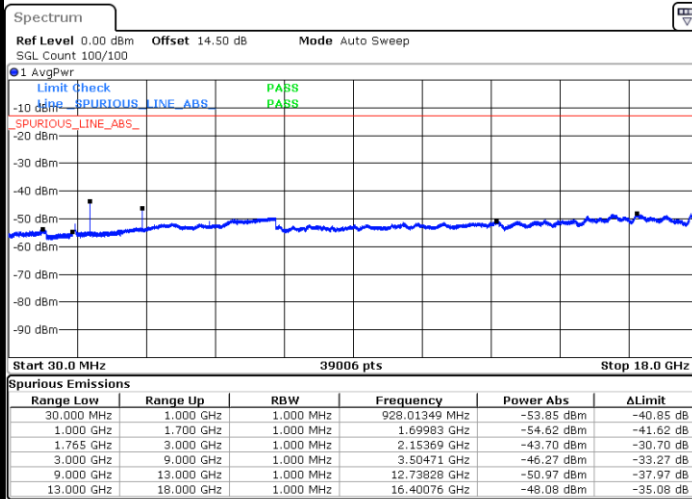
Date: 14.MAR.2020 17:11:27

## Middle Channel / 16QAM



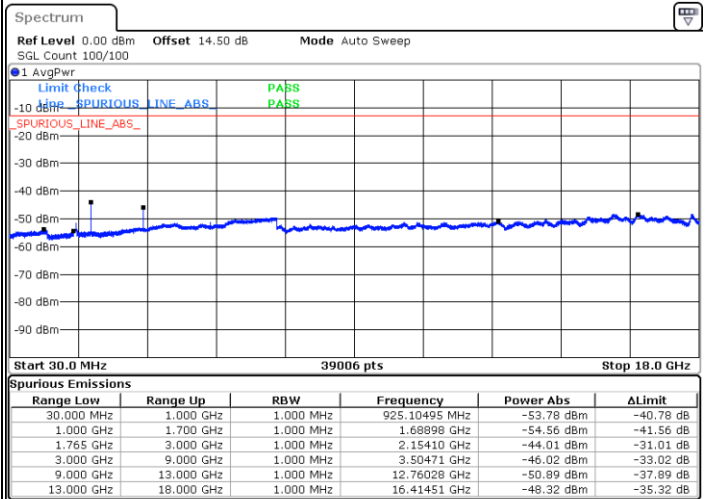
Date: 14.MAR.2020 17:12:01

## Highest Channel / QPSK



Date: 14.MAR.2020 17:17:15

## Highest Channel / 16QAM

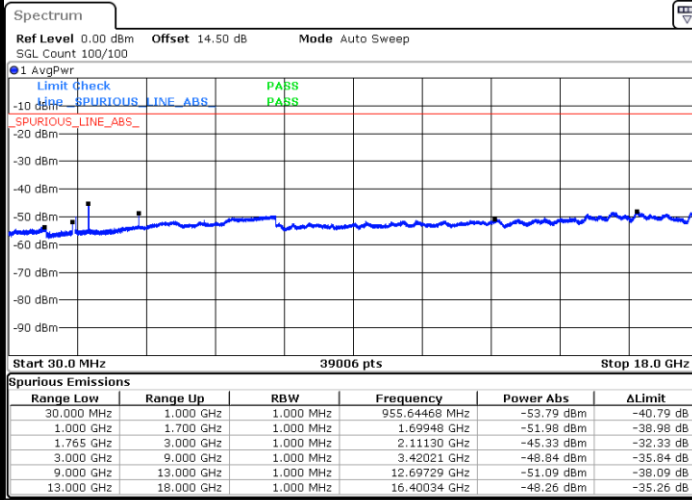


Date: 14.MAR.2020 17:17:49



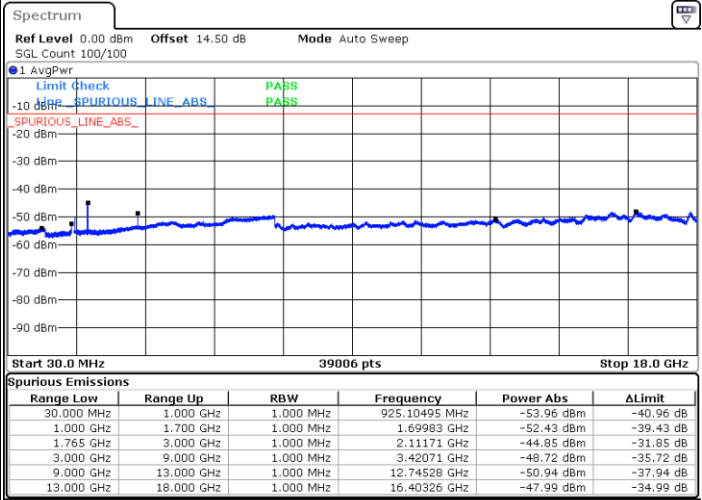
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



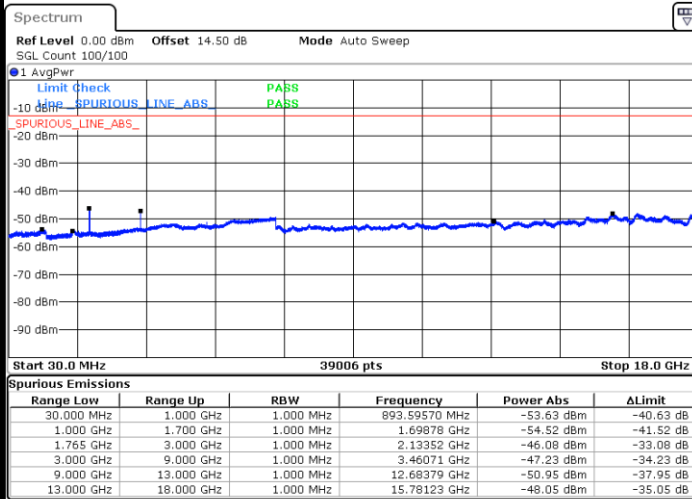
Date: 14.MAR.2020 17:23:03

## Lowest Channel / 16QAM



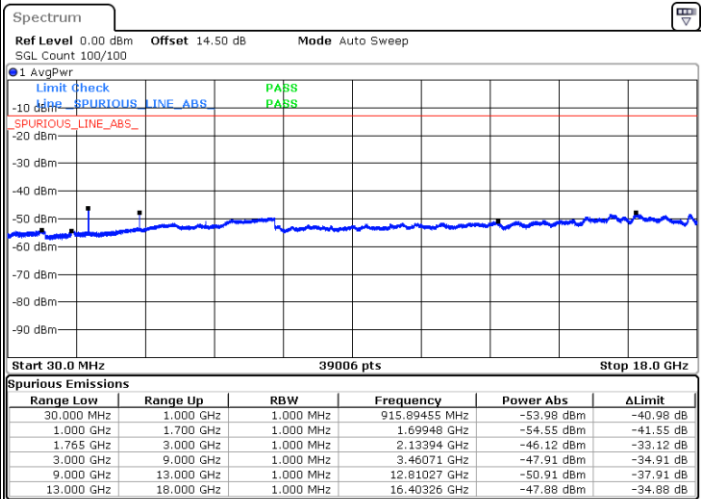
Date: 14.MAR.2020 17:23:37

## Middle Channel / QPSK



Date: 14.MAR.2020 17:24:56

## Middle Channel / 16QAM

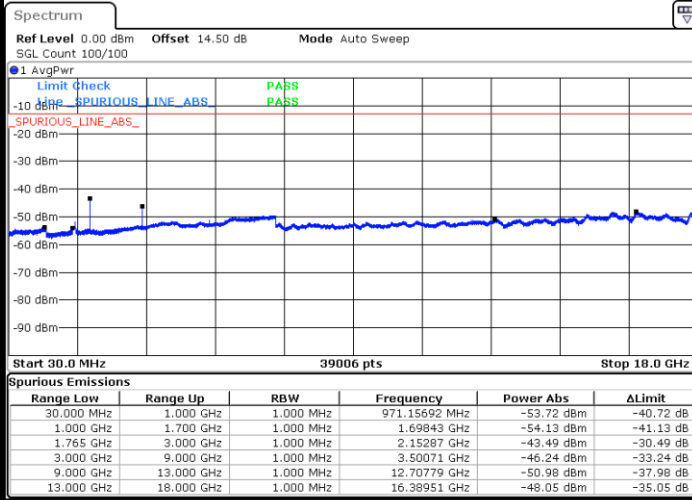


Date: 14.MAR.2020 17:25:30



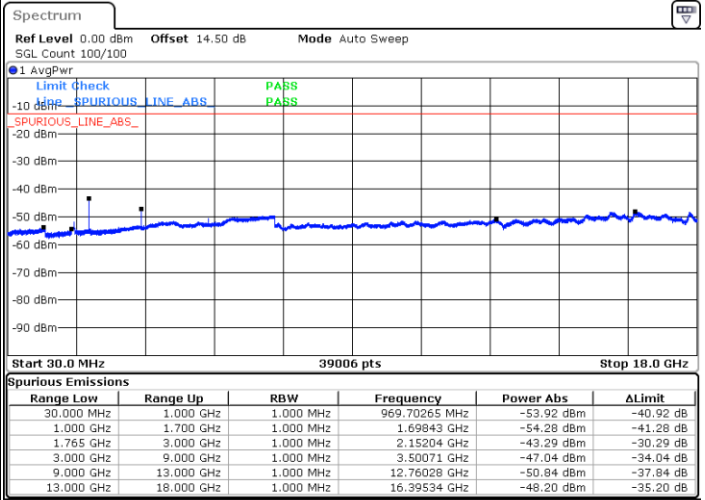
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 14.MAR.2020 17:30:44

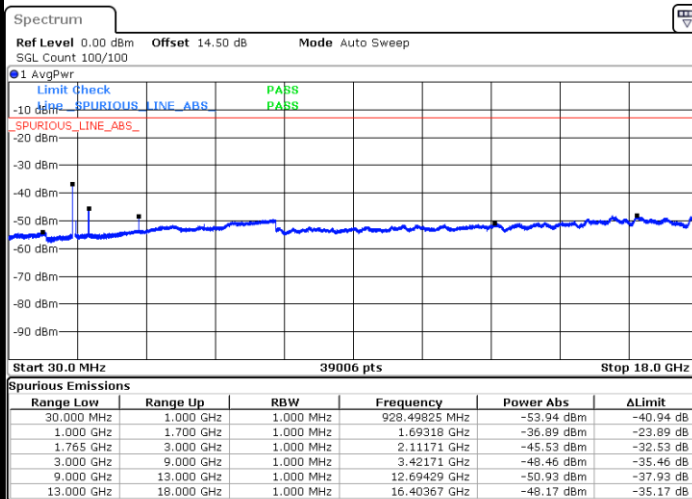
## Highest Channel / 16QAM



Date: 14.MAR.2020 17:31:18

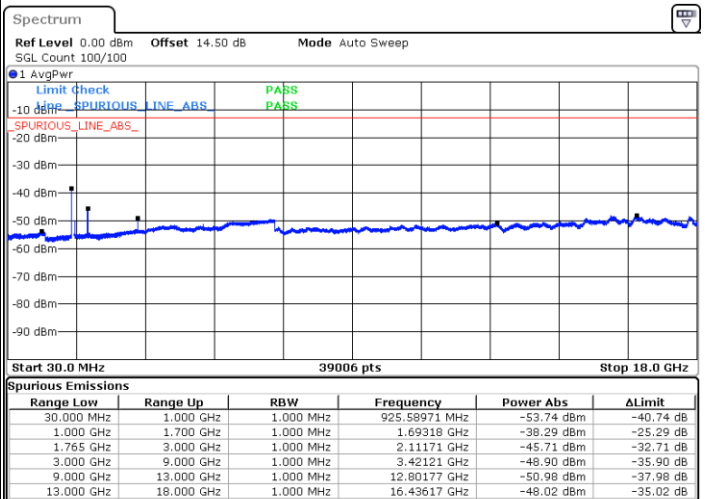
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



Date: 14.MAR.2020 17:36:32

## Lowest Channel / 16QAM

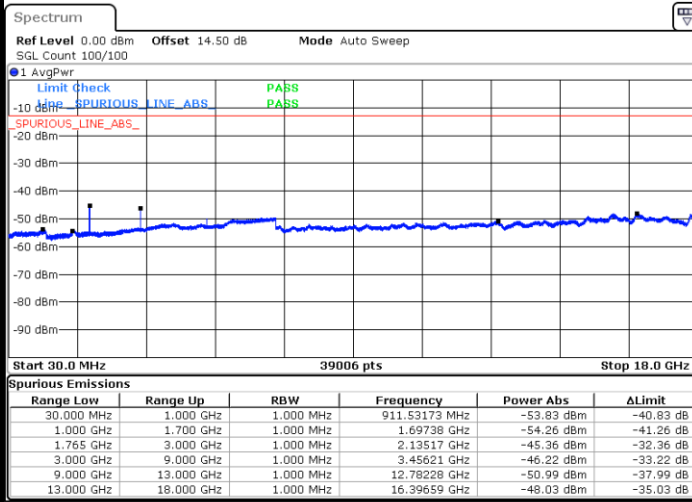


Date: 14.MAR.2020 17:37:07



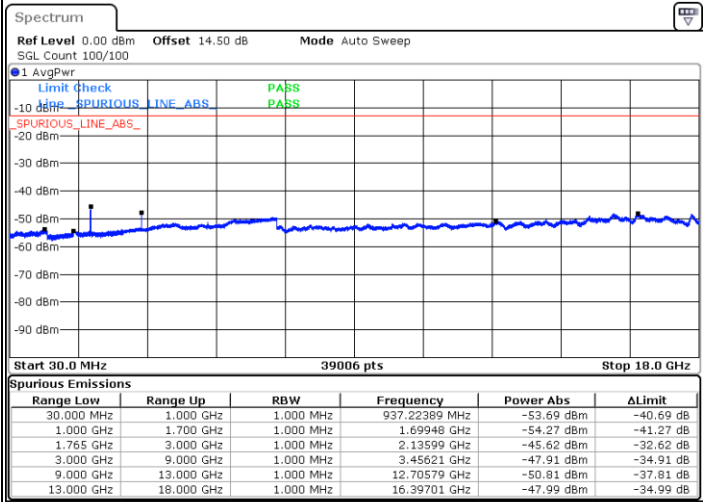
## LTE Band 4 / 10MHz

## Middle Channel / QPSK



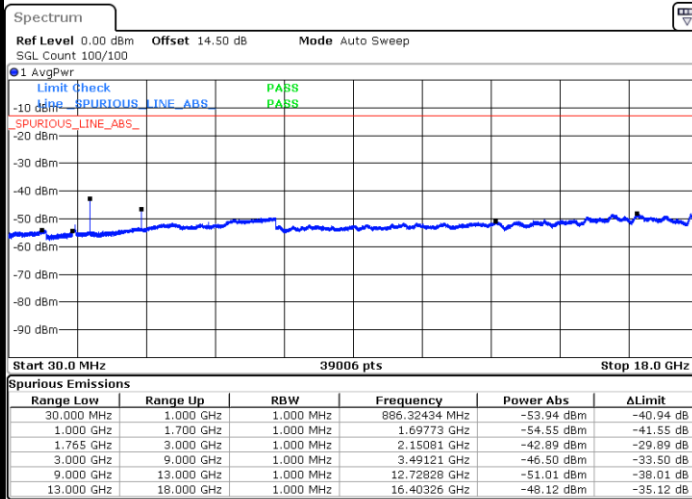
Date: 14.MAR.2020 17:38:25

## Middle Channel / 16QAM



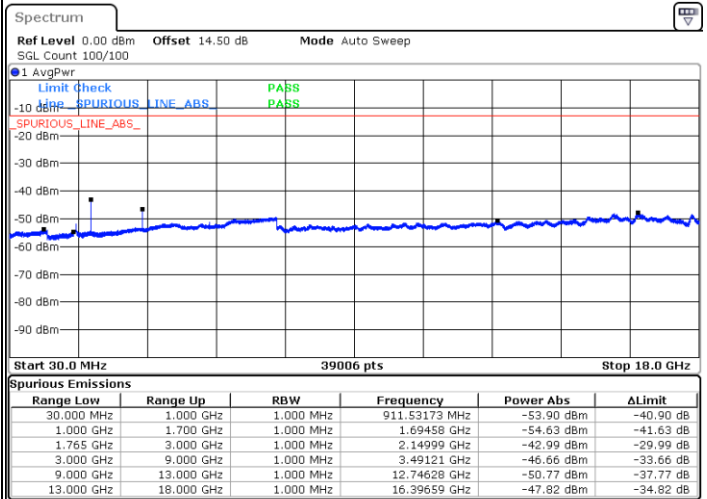
Date: 14.MAR.2020 17:38:59

## Highest Channel / QPSK



Date: 14.MAR.2020 17:44:13

## Highest Channel / 16QAM

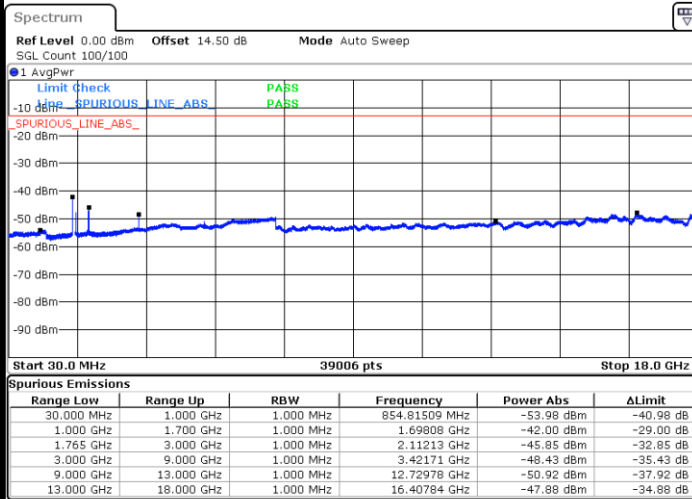


Date: 14.MAR.2020 17:44:47



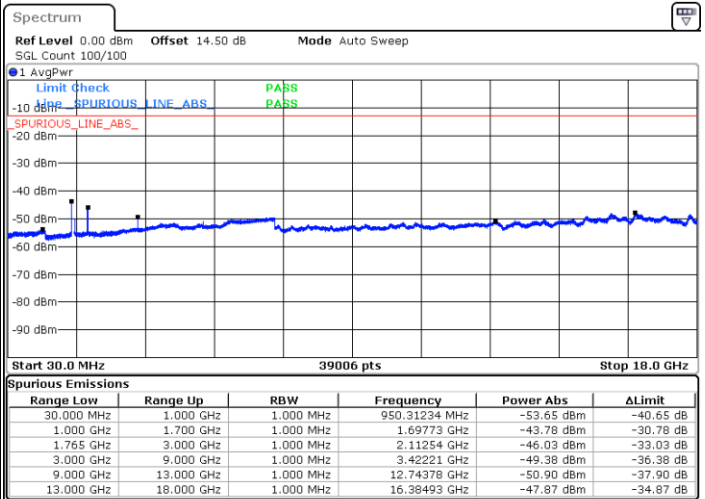
## LTE Band 4 / 15MHz

## Lowest Channel / QPSK



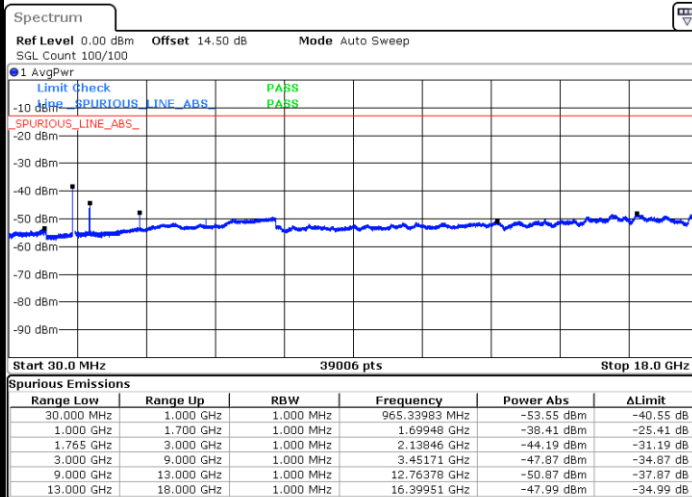
Date: 14.MAR.2020 17:50:01

## Lowest Channel / 16QAM



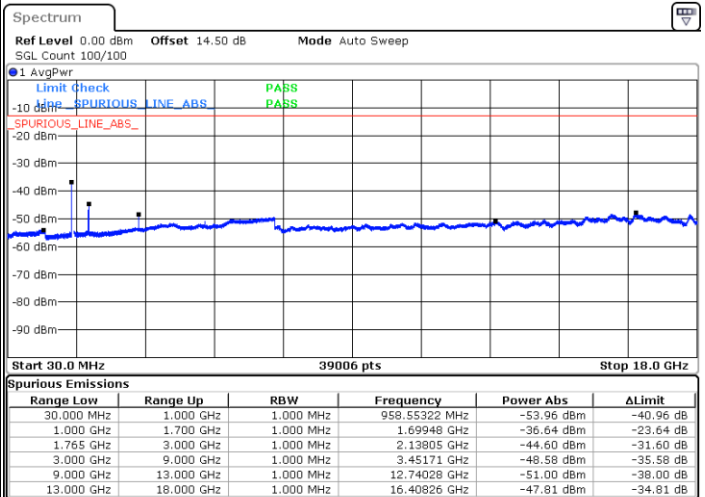
Date: 14.MAR.2020 17:50:36

## Middle Channel / QPSK



Date: 14.MAR.2020 17:51:54

## Middle Channel / 16QAM



Date: 14.MAR.2020 17:52:28