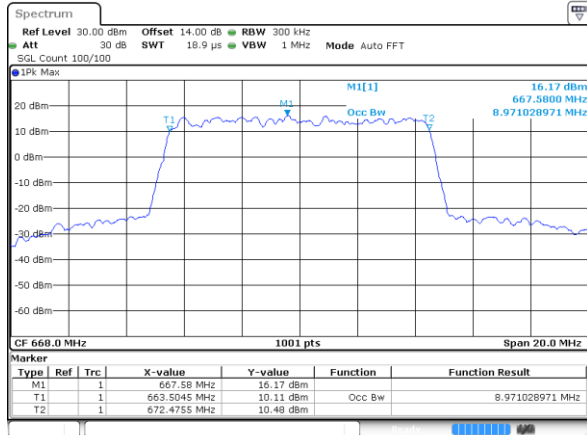


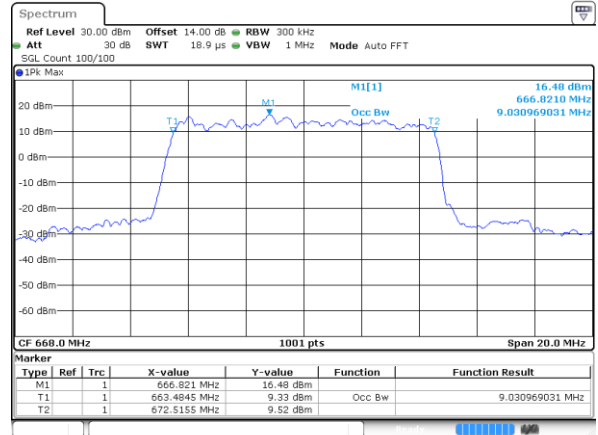


## LTE Band 71

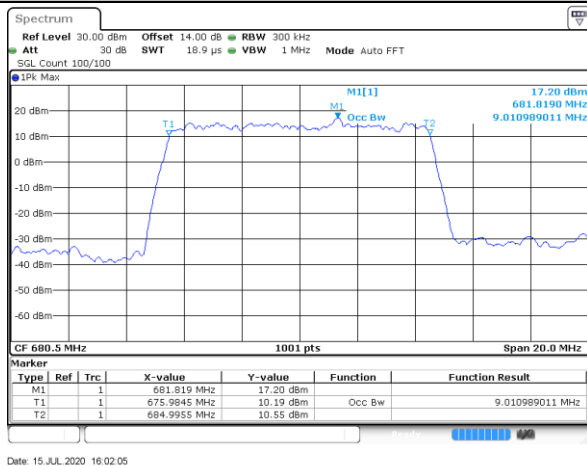
## Lowest Channel / 10MHz / QPSK



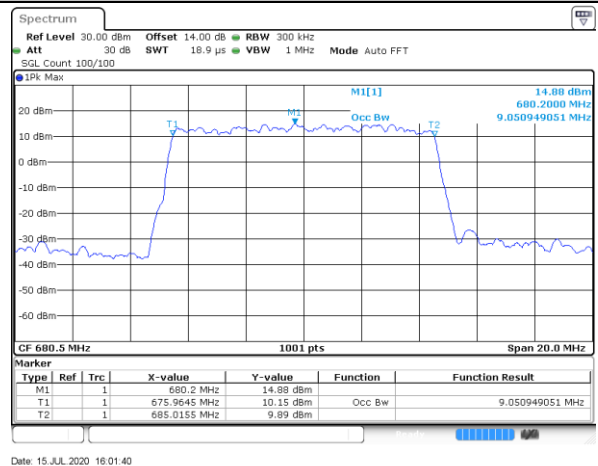
## Lowest Channel / 10MHz / 16QAM



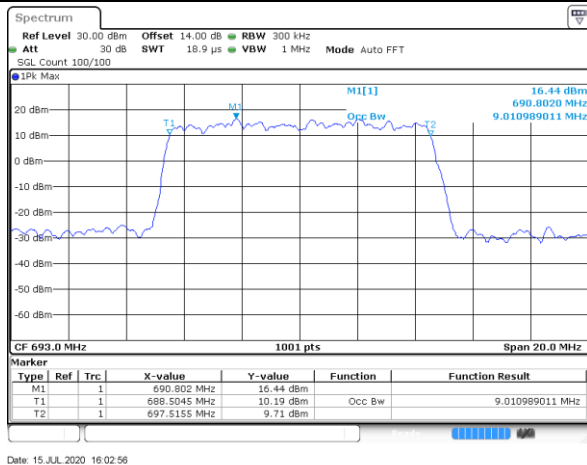
## Middle Channel / 10MHz / QPSK



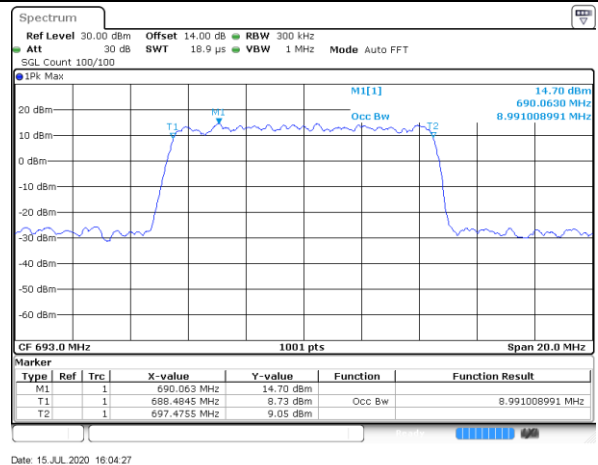
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



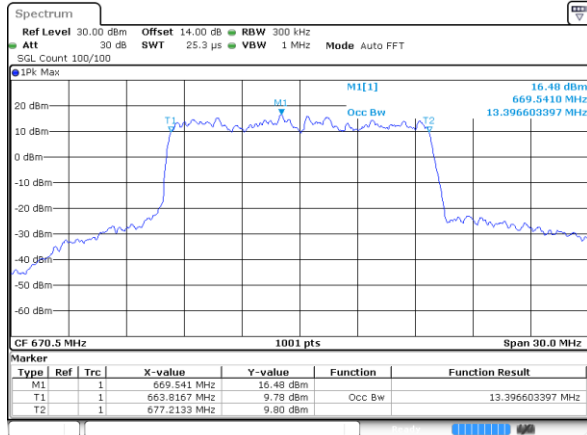
## Highest Channel / 10MHz / 16QAM





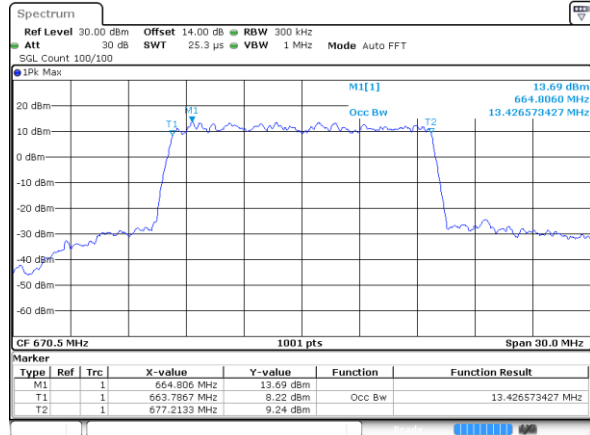
## LTE Band 71

## Lowest Channel / 15MHz / QPSK



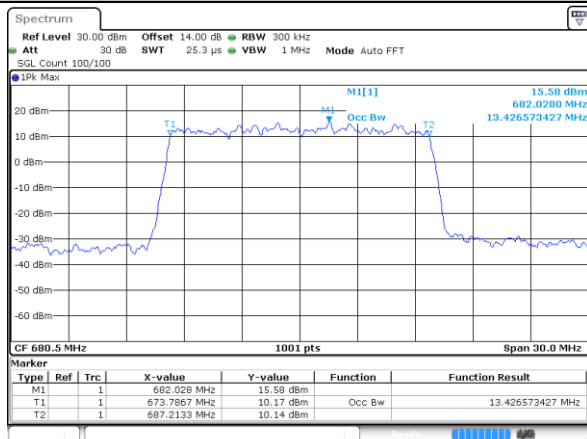
Date: 15 JUL 2020 16:21:19

## Lowest Channel / 15MHz / 16QAM



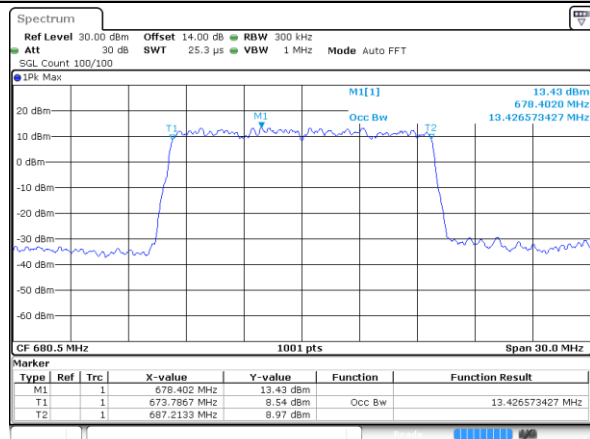
Date: 15 JUL 2020 16:22:40

## Middle Channel / 15MHz / QPSK



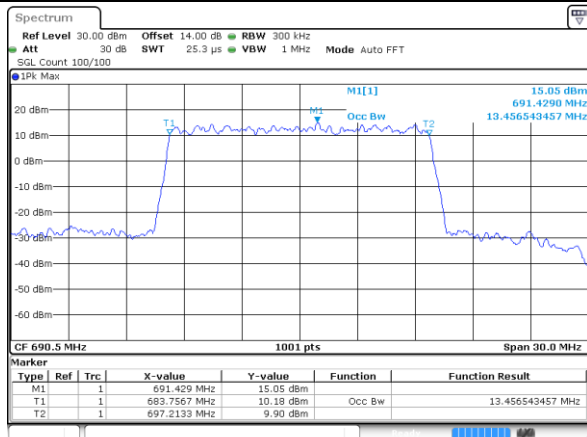
Date: 15 JUL 2020 16:38:42

## Middle Channel / 15MHz / 16QAM



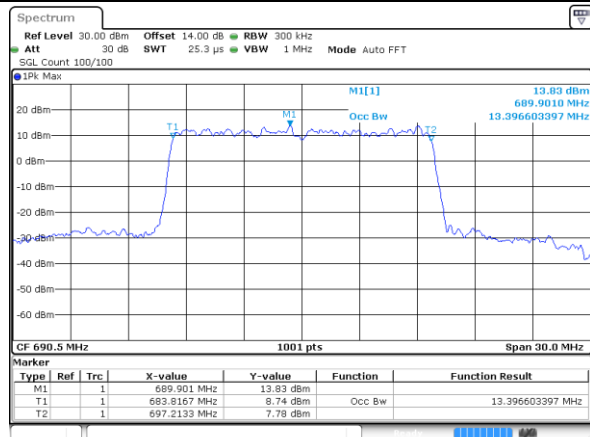
Date: 15 JUL 2020 16:37:41

## Highest Channel / 15MHz / QPSK



Date: 15 JUL 2020 16:40:12

## Highest Channel / 15MHz / 16QAM

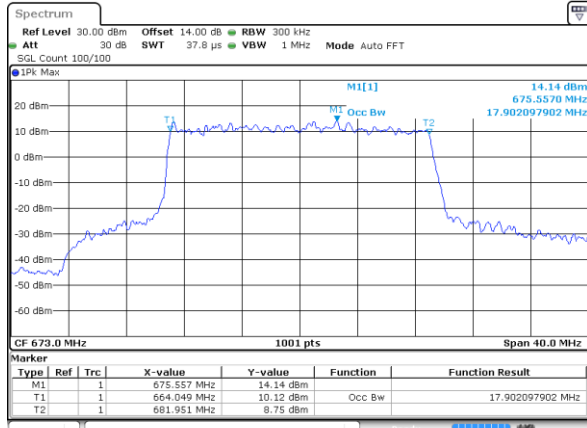


Date: 15 JUL 2020 16:43:49



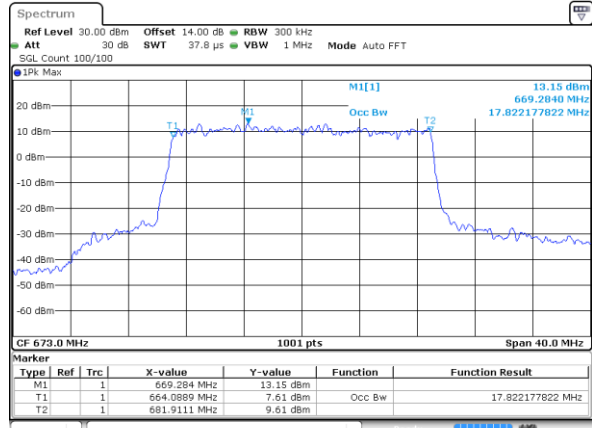
## LTE Band 71

## Lowest Channel / 20MHz / QPSK



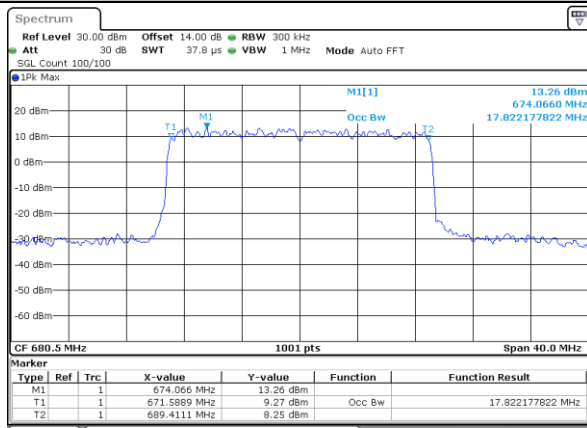
Date: 15 JUL 2020 16:59:56

## Lowest Channel / 20MHz / 16QAM



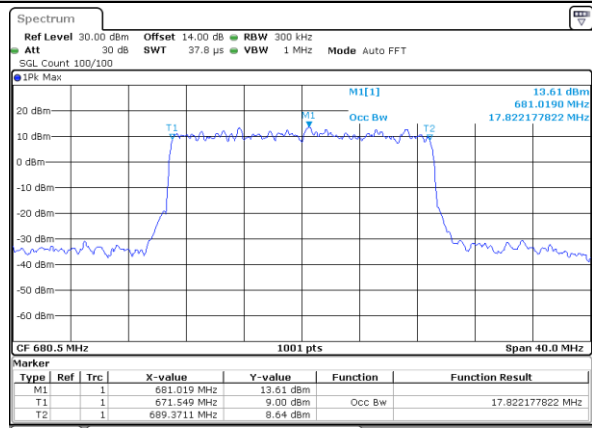
Date: 15 JUL 2020 17:01:52

## Middle Channel / 20MHz / QPSK



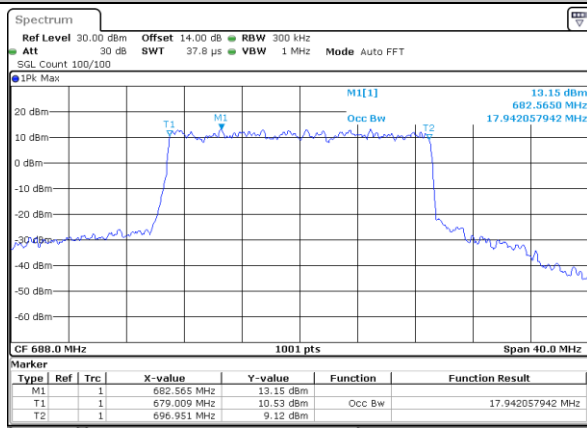
Date: 15 JUL 2020 17:16:07

## Middle Channel / 20MHz / 16QAM



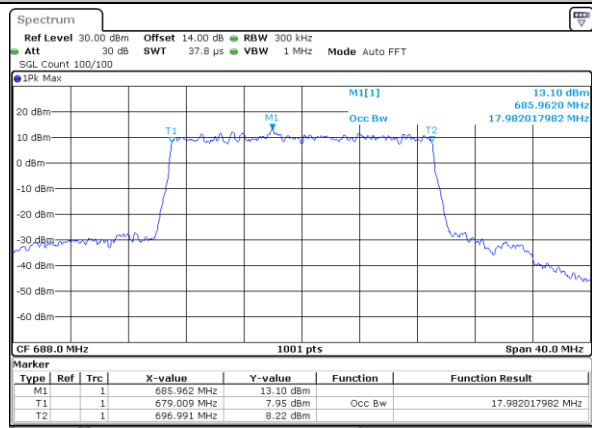
Date: 15 JUL 2020 17:17:16

## Highest Channel / 20MHz / QPSK



Date: 15 JUL 2020 17:21:14

## Highest Channel / 20MHz / 16QAM

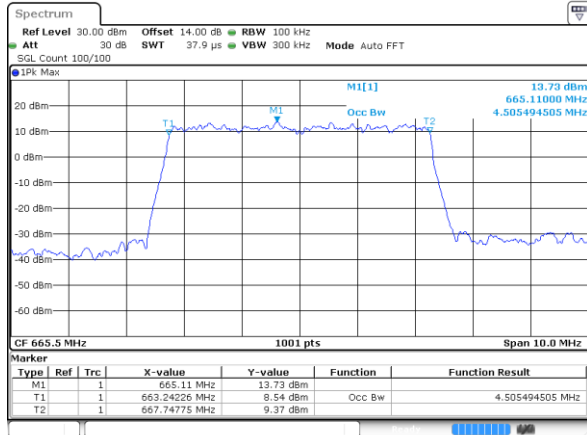


Date: 15 JUL 2020 17:20:04



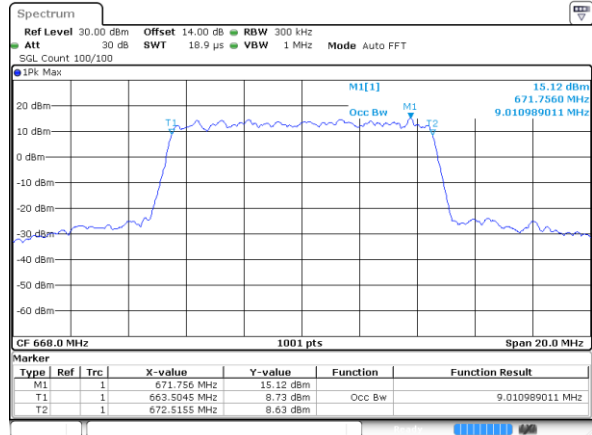
## LTE Band 71

## Lowest Channel / 5MHz / 64QAM



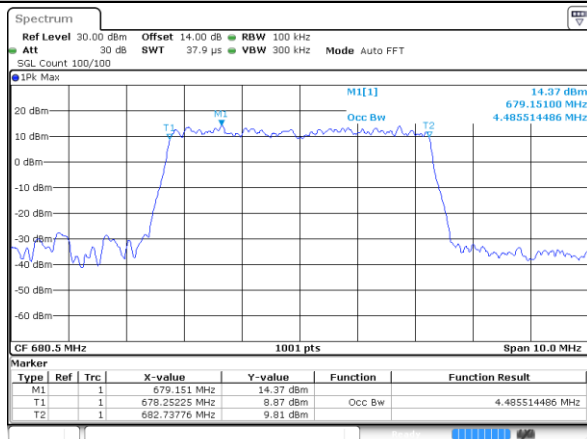
Date: 15 JUL 2020 13:04:51

## Lowest Channel / 10MHz / 64QAM



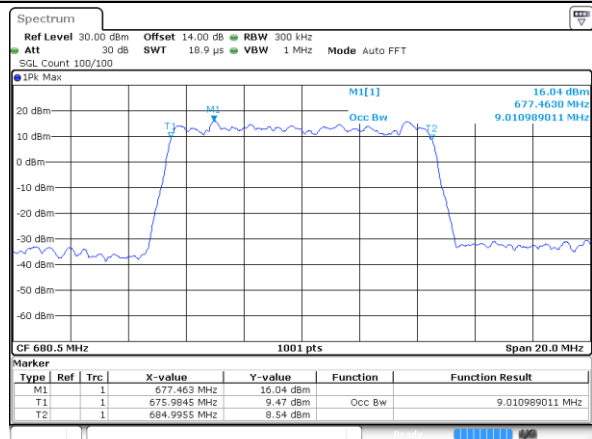
Date: 15 JUL 2020 15:47:12

## Middle Channel / 5MHz / 64QAM



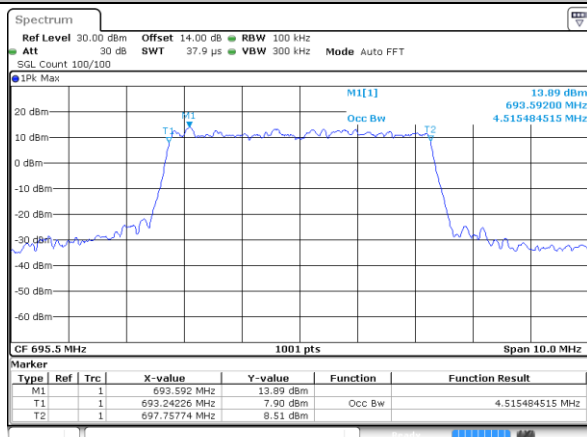
Date: 15 JUL 2020 13:20:52

## Middle Channel / 10MHz / 64QAM



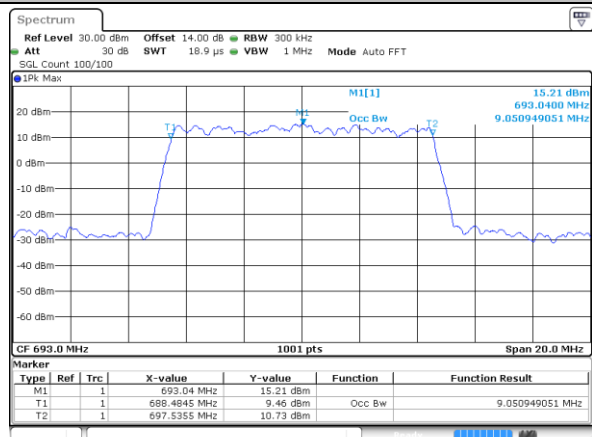
Date: 15 JUL 2020 16:01:15

## Highest Channel / 5MHz / 64QAM



Date: 15 JUL 2020 13:25:28

## Highest Channel / 10MHz / 64QAM

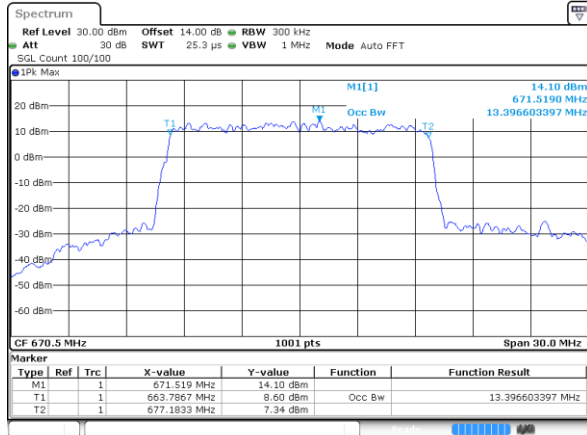


Date: 15 JUL 2020 16:05:50

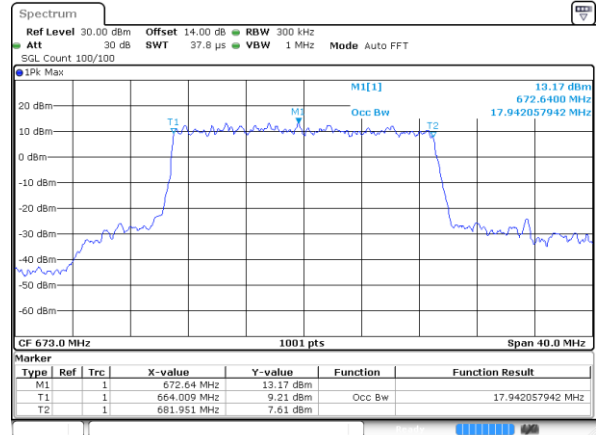


## LTE Band 71

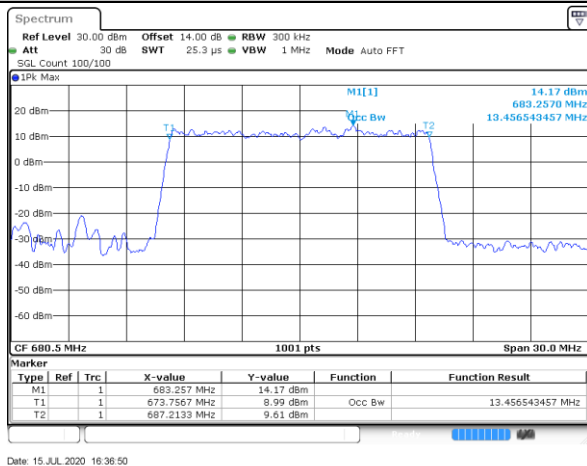
## Lowest Channel / 15MHz / 64QAM



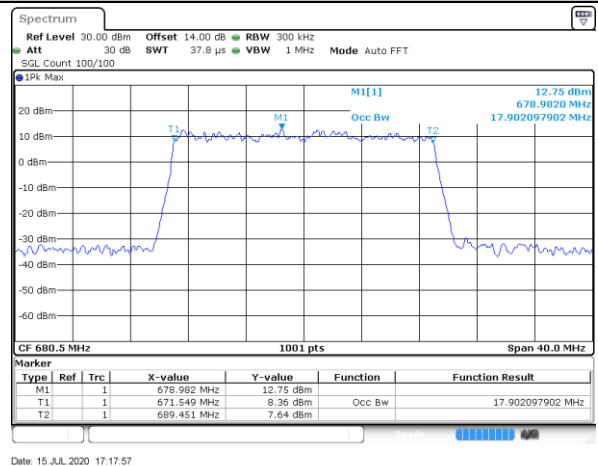
## Lowest Channel / 20MHz / 64QAM



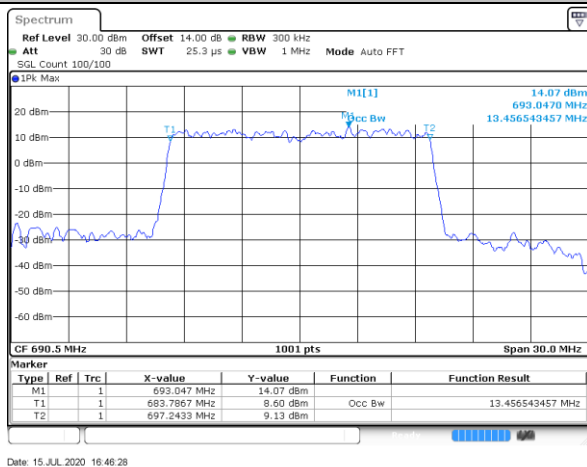
## Middle Channel / 15MHz / 64QAM



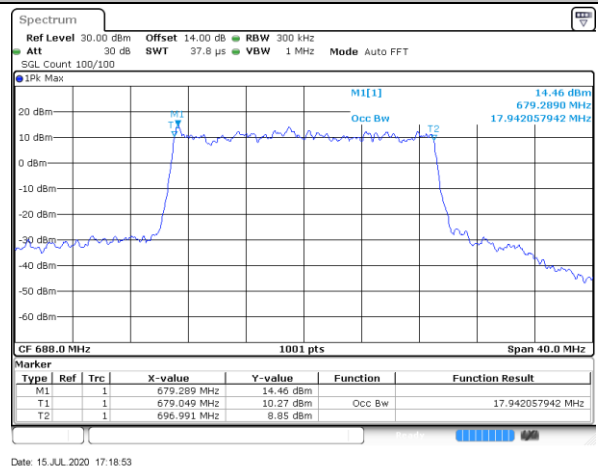
## Middle Channel / 20MHz / 64QAM



## Highest Channel / 15MHz / 64QAM



## Highest Channel / 20MHz / 64QAM

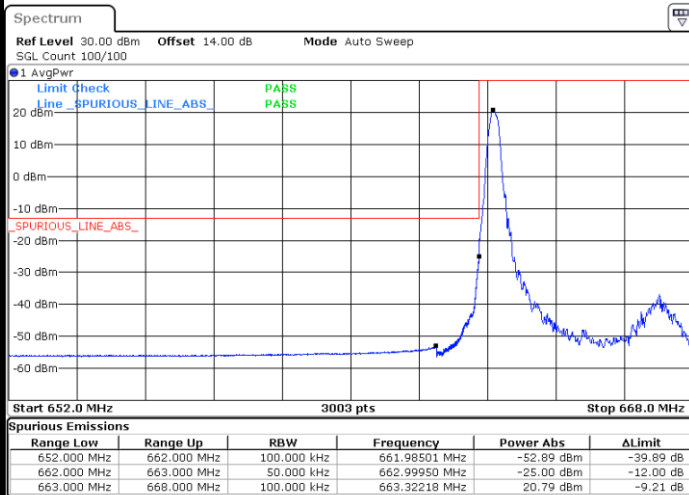




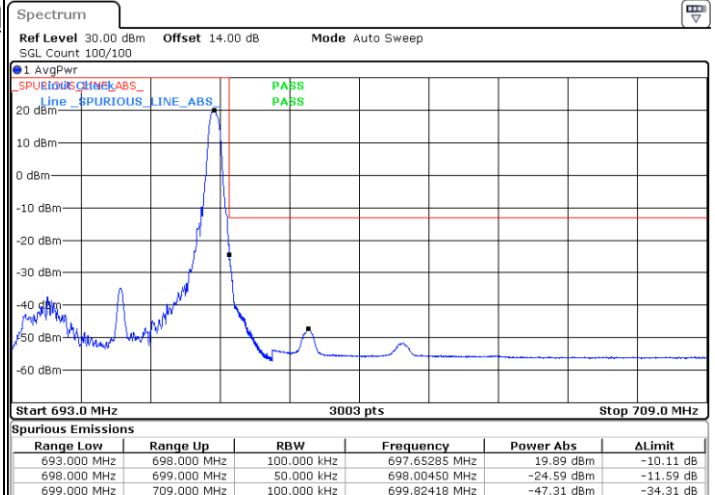
## Conducted Band Edge

### LTE Band 71 / 5MHz / QPSK

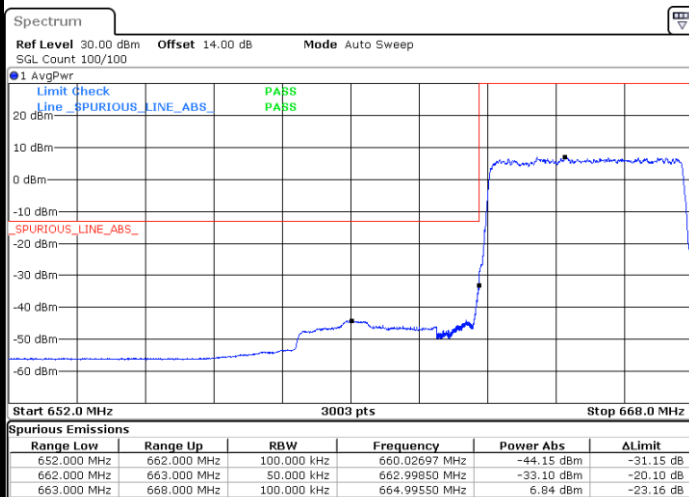
#### Lowest Band Edge / 1 RB



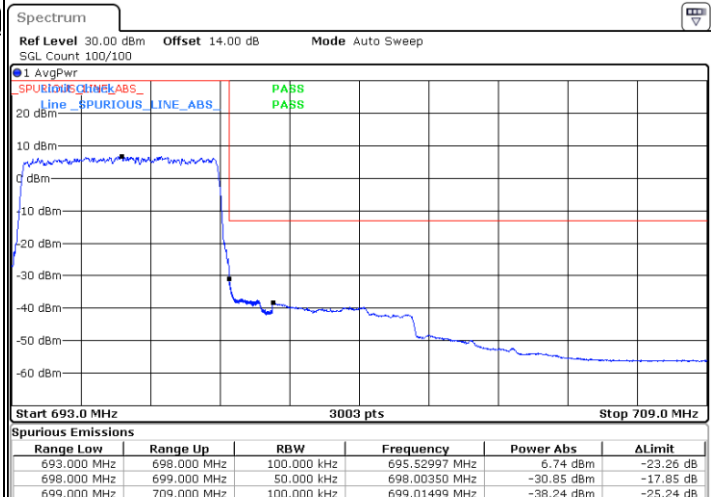
#### Highest Band Edge / 1 RB



#### Lowest Band Edge / Full RB



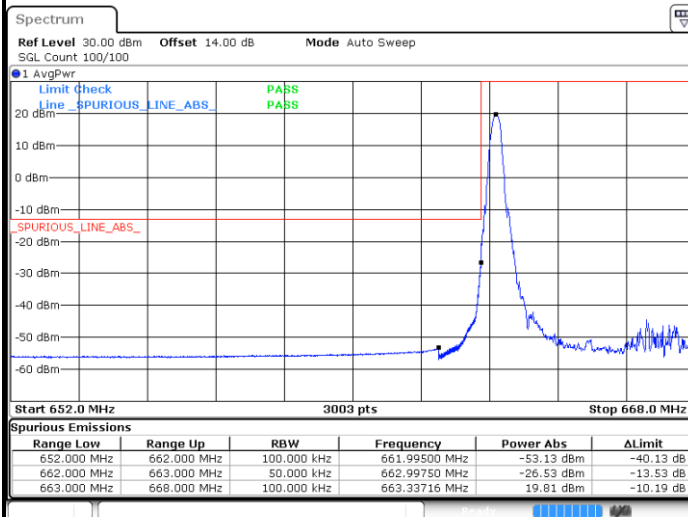
#### Highest Band Edge / Full RB



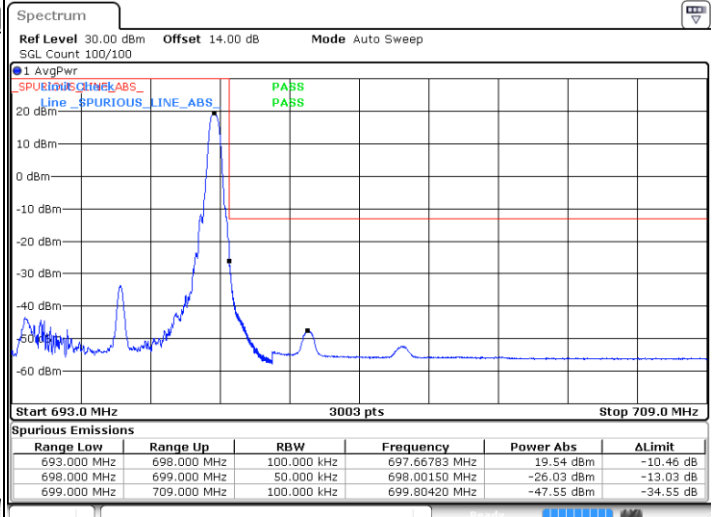


## LTE Band 71 / 5MHz / 16QAM

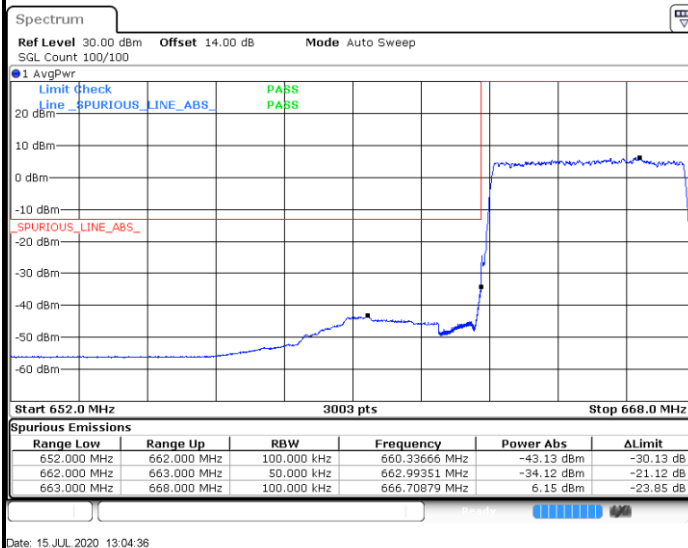
## Lowest Band Edge / 1 RB



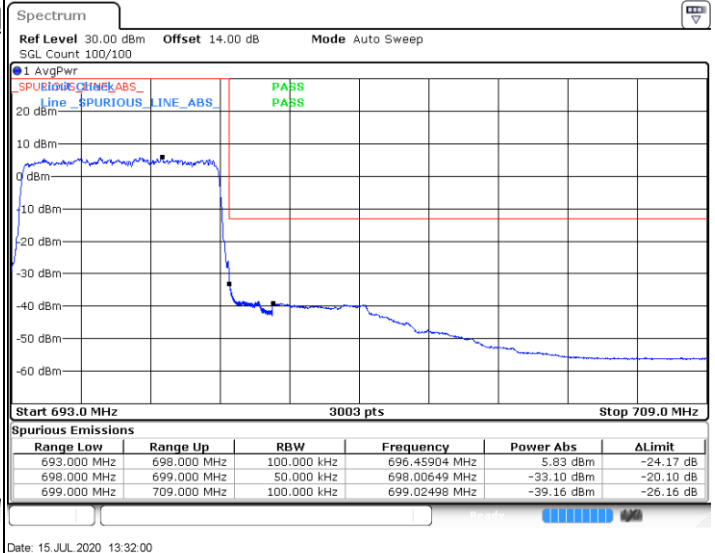
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



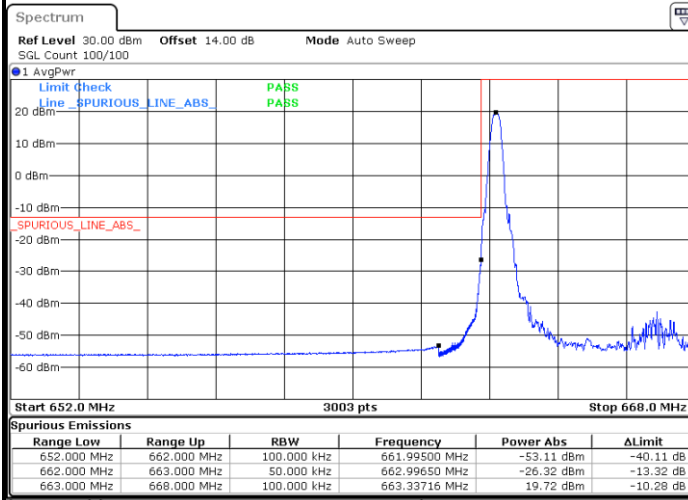
## Highest Band Edge / Full RB



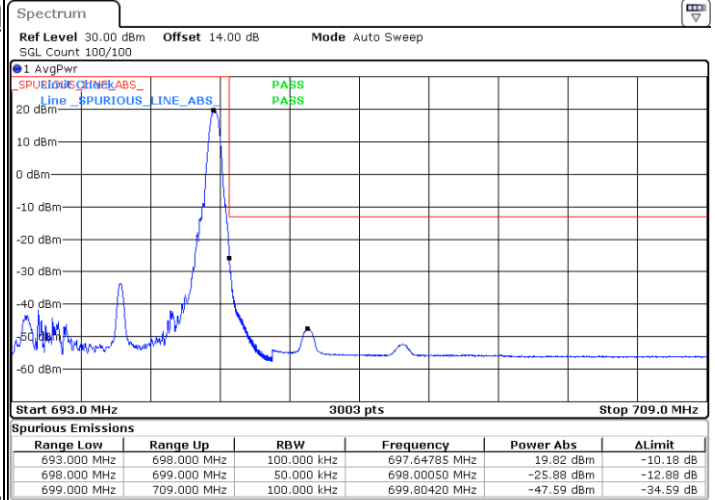


## LTE Band 71 / 5MHz / 64QAM

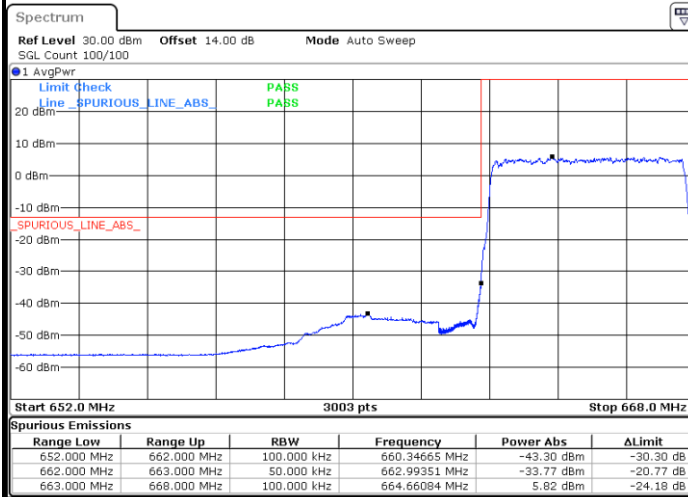
## Lowest Band Edge / 1RB



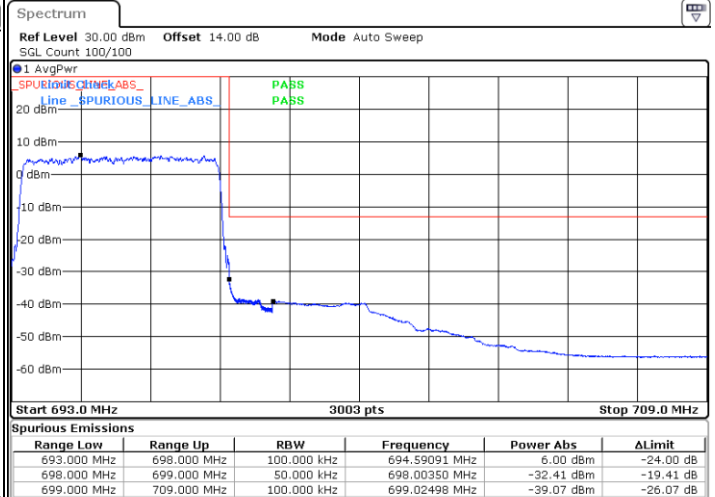
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

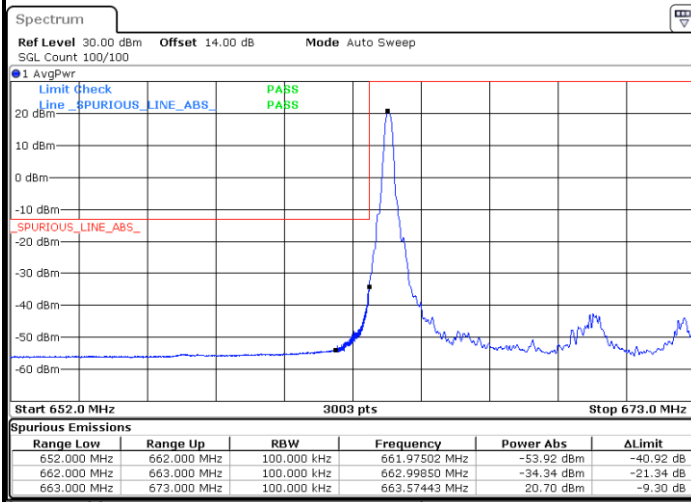




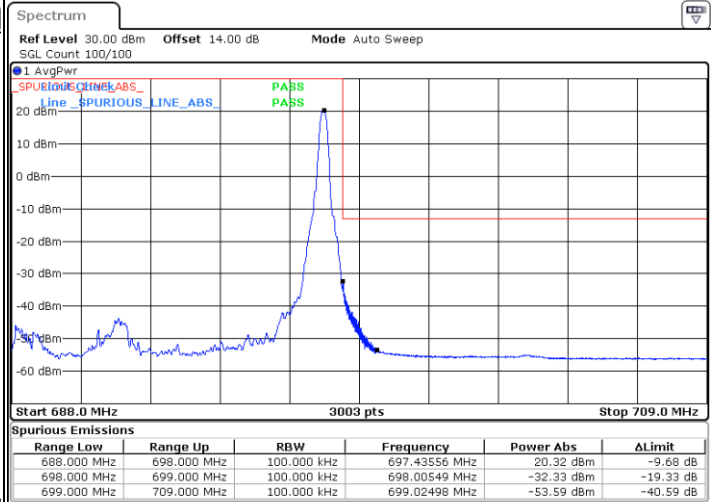


## LTE Band 71 / 10MHz / QPSK

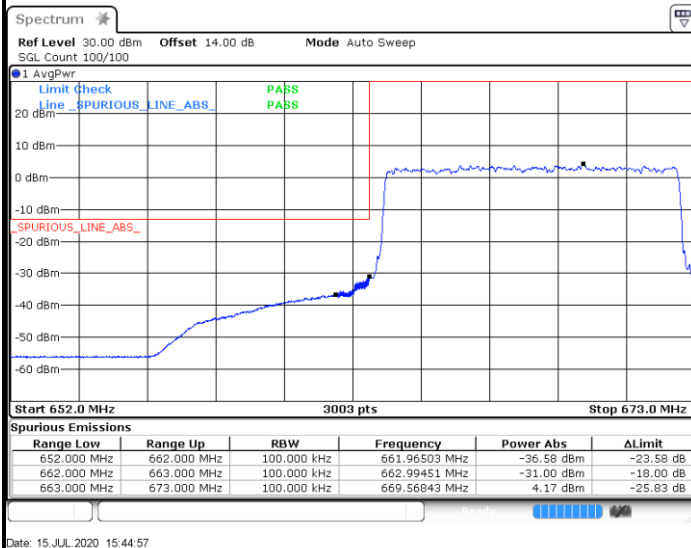
## Lowest Band Edge / 1 RB



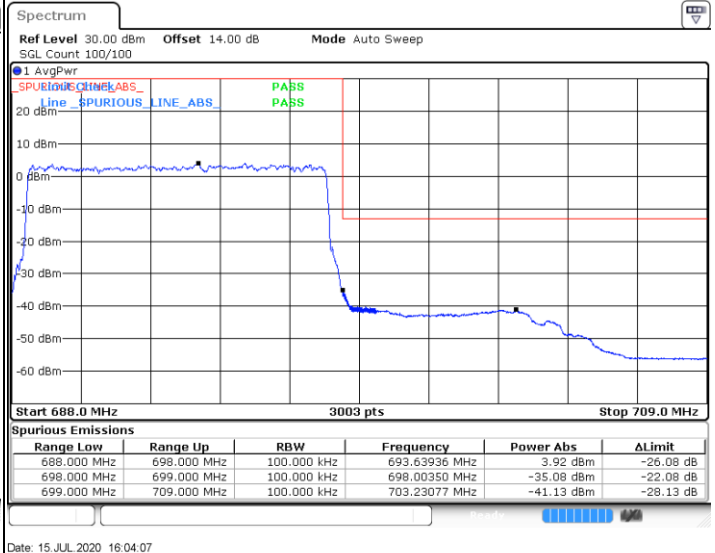
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



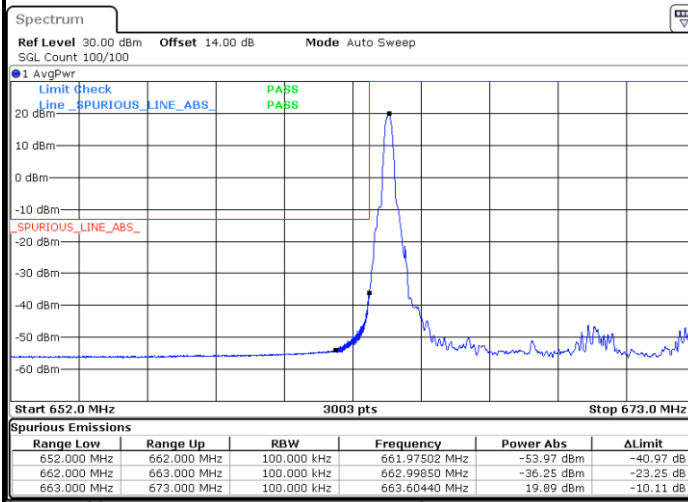
## Highest Band Edge / Full RB



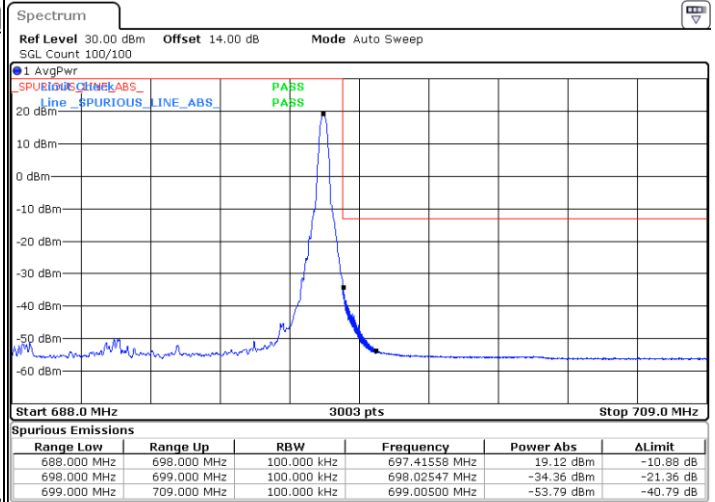


## LTE Band 71 / 10MHz / 16QAM

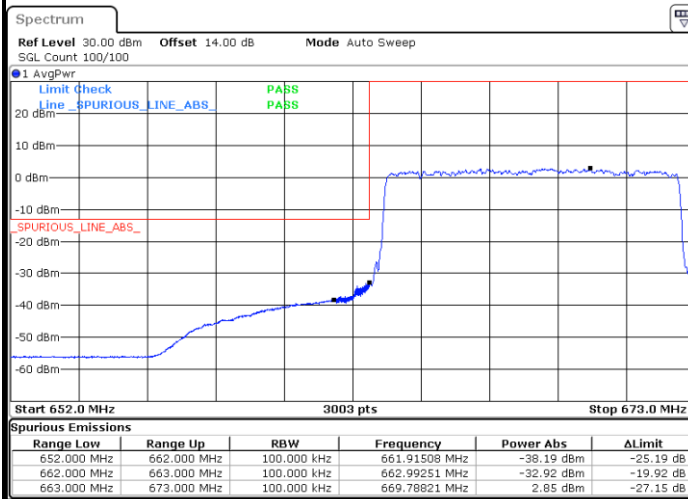
## Lowest Band Edge / 1 RB



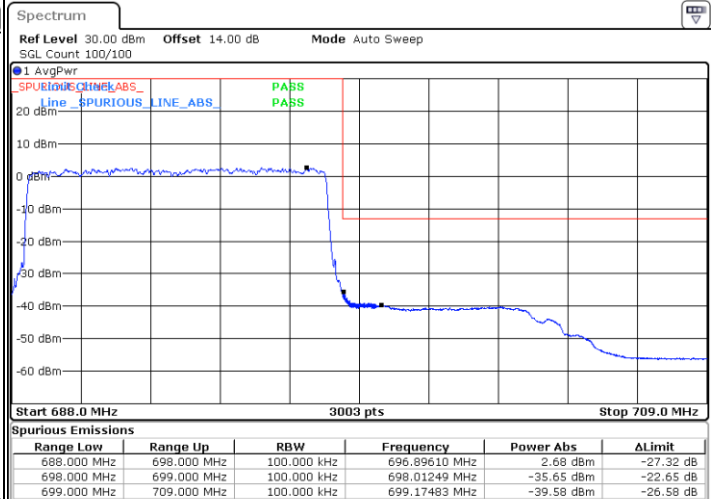
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



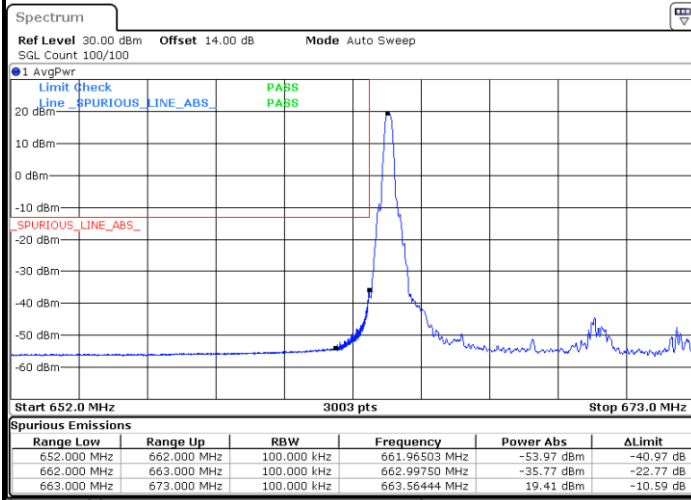
## Highest Band Edge / Full RB



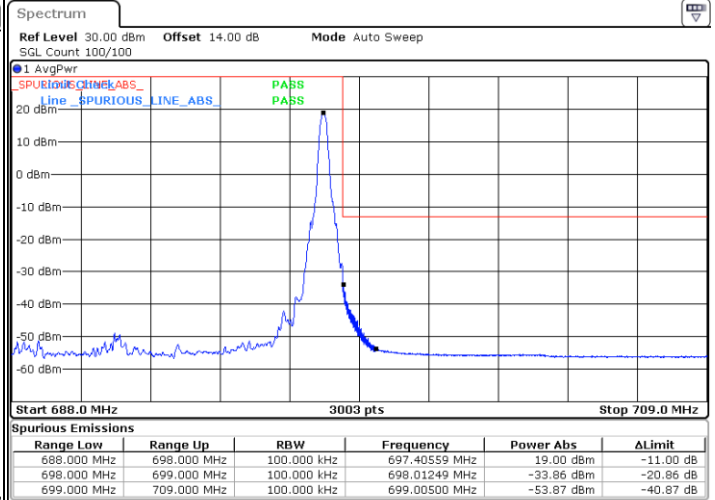


## LTE Band 71 / 10MHz / 64QAM

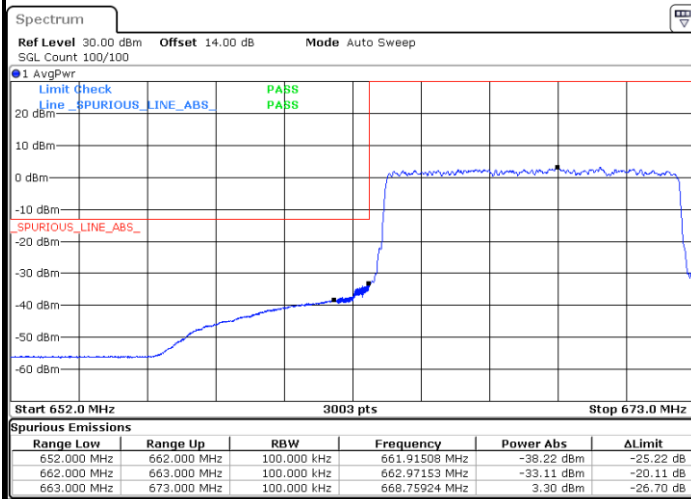
## Lowest Band Edge / 1 RB



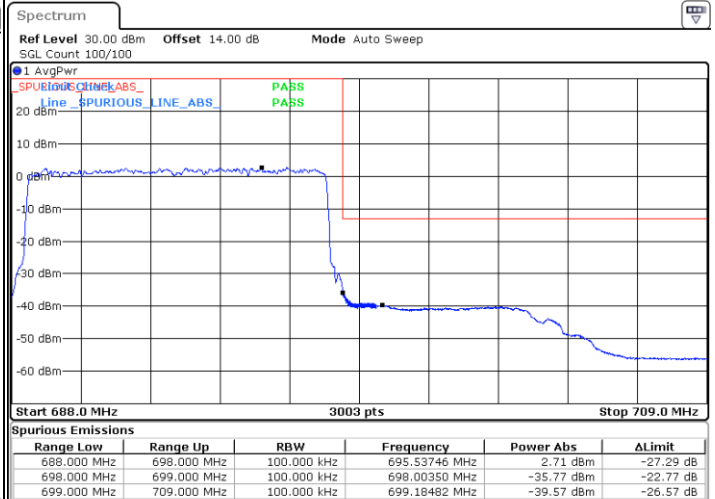
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



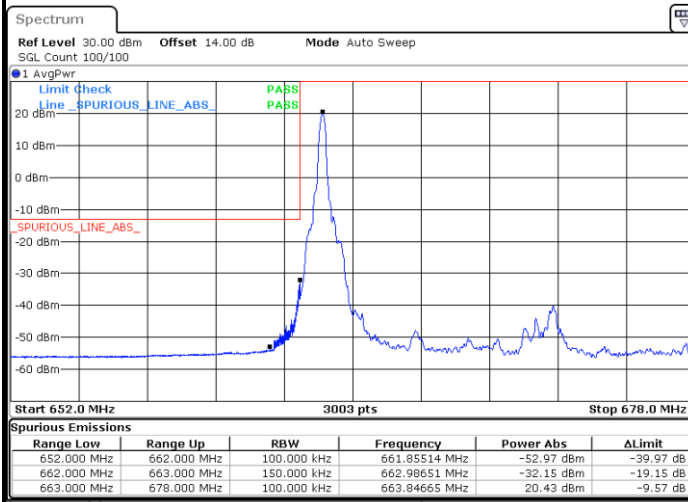
## Highest Band Edge / Full RB



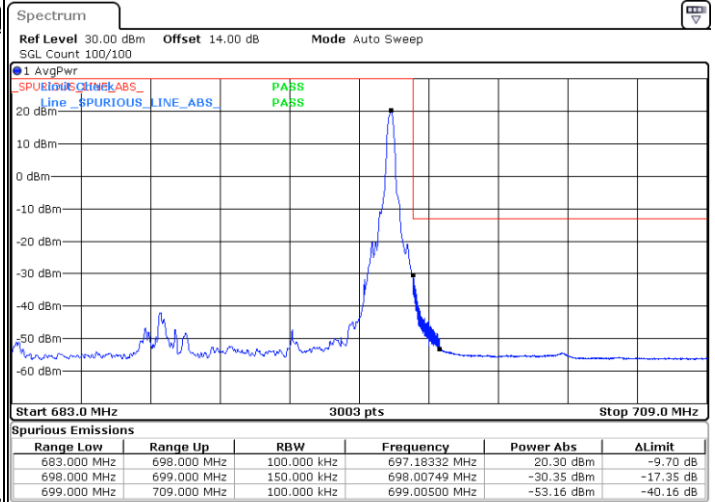


## LTE Band 71 / 15MHz / QPSK

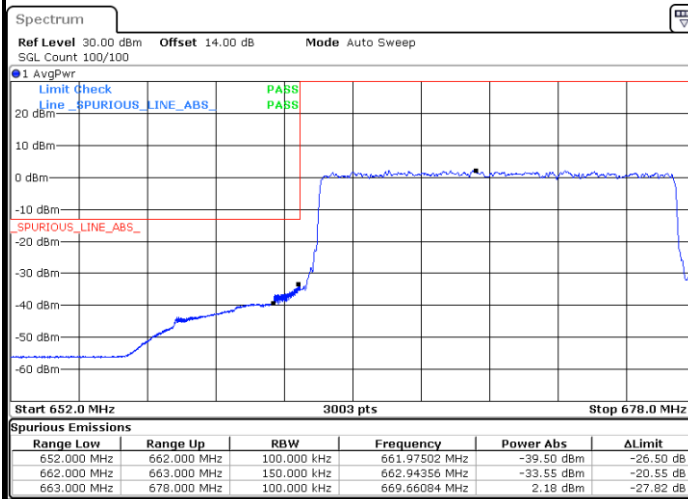
## Lowest Band Edge / 1 RB



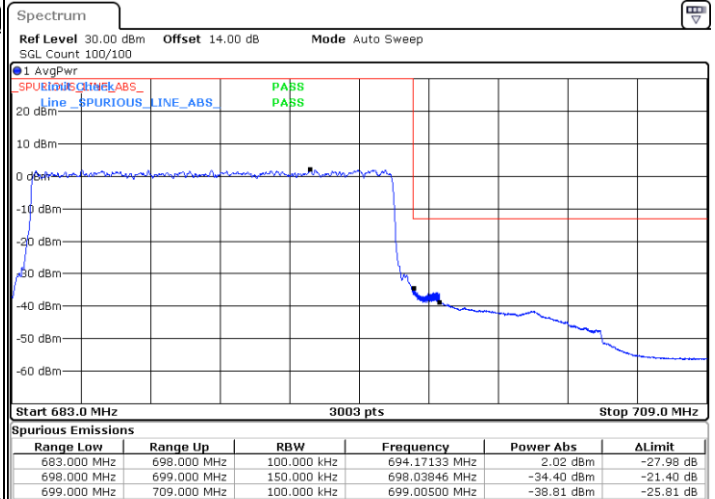
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



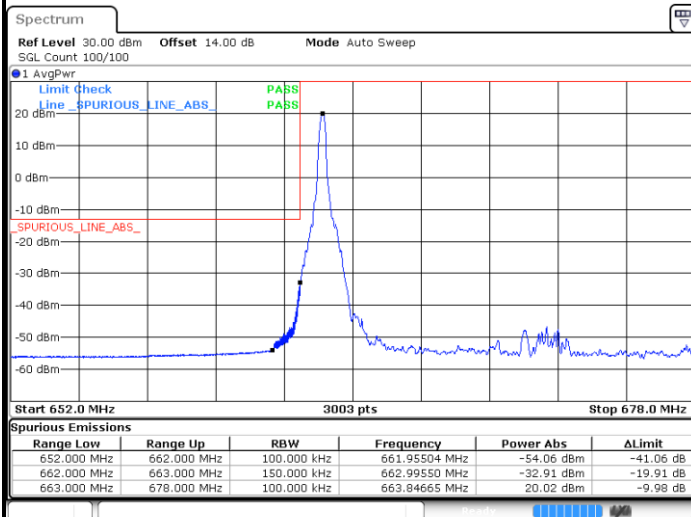
## Highest Band Edge / Full RB



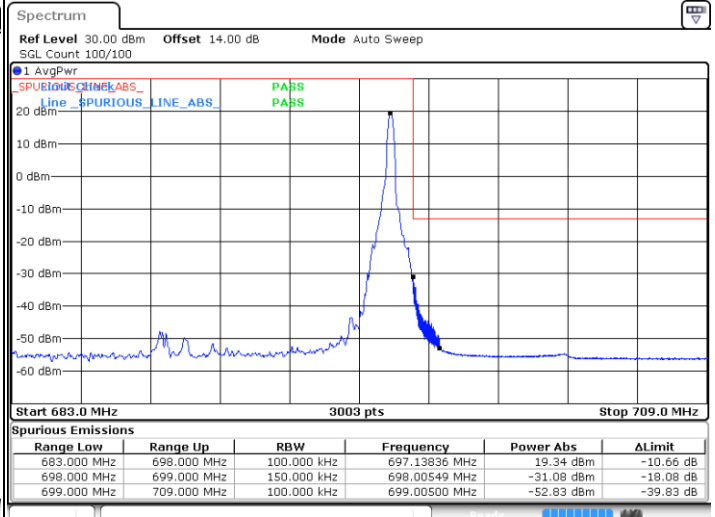


## LTE Band 71 / 15MHz / 16QAM

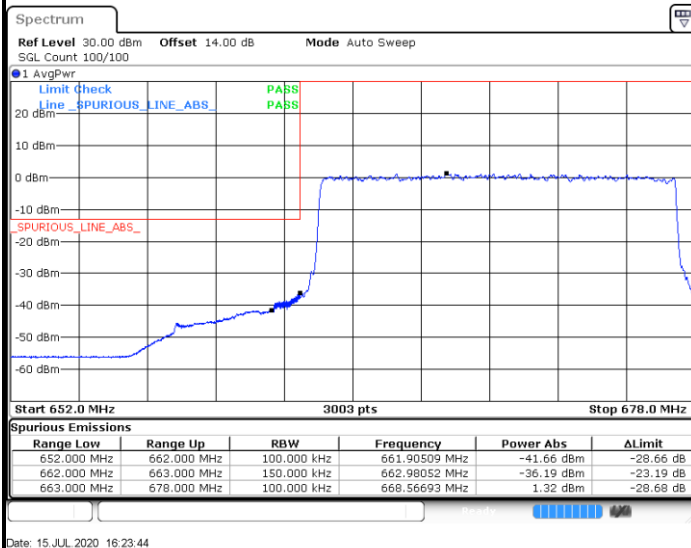
## Lowest Band Edge / 1 RB



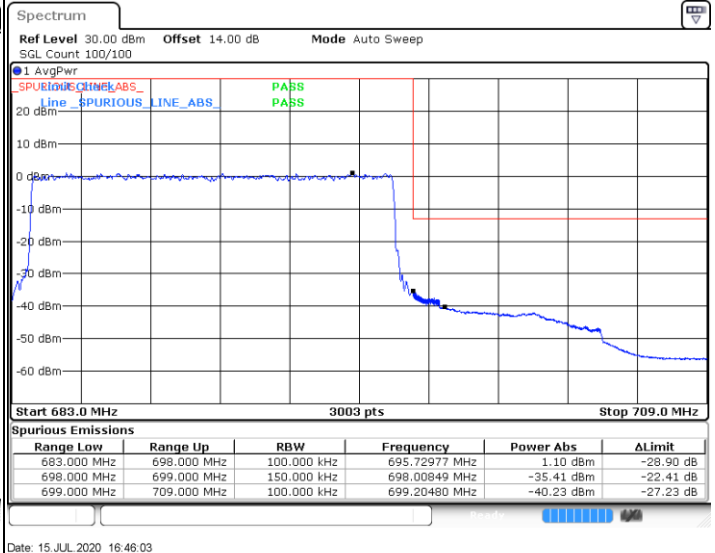
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



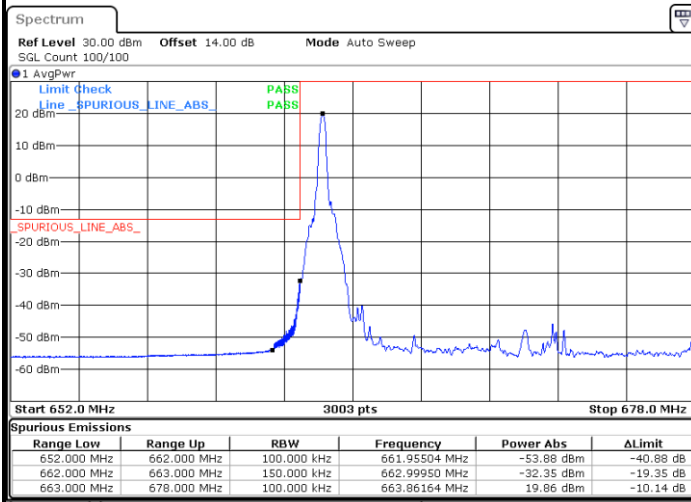
## Highest Band Edge / Full RB



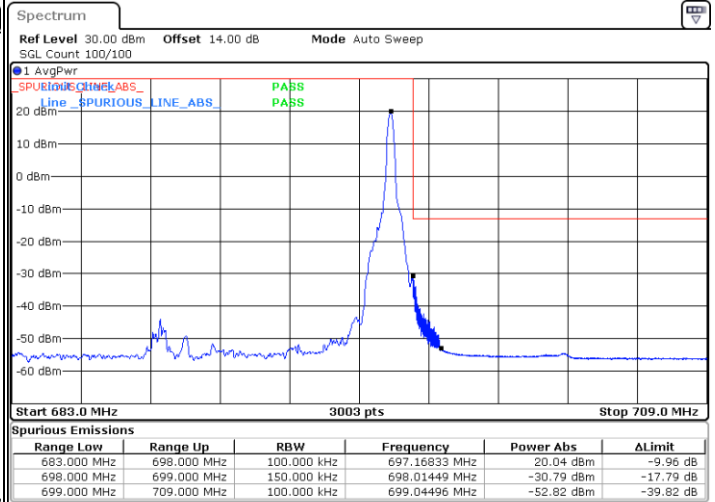


## LTE Band 71 / 15MHz / 64QAM

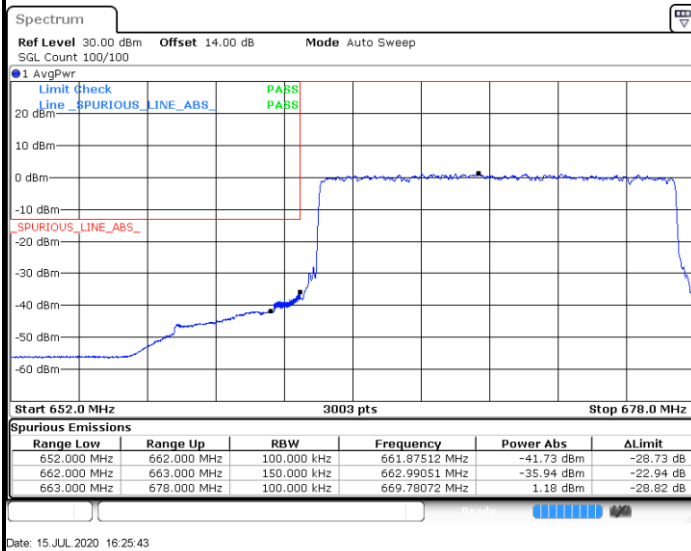
## Lowest Band Edge / 1 RB



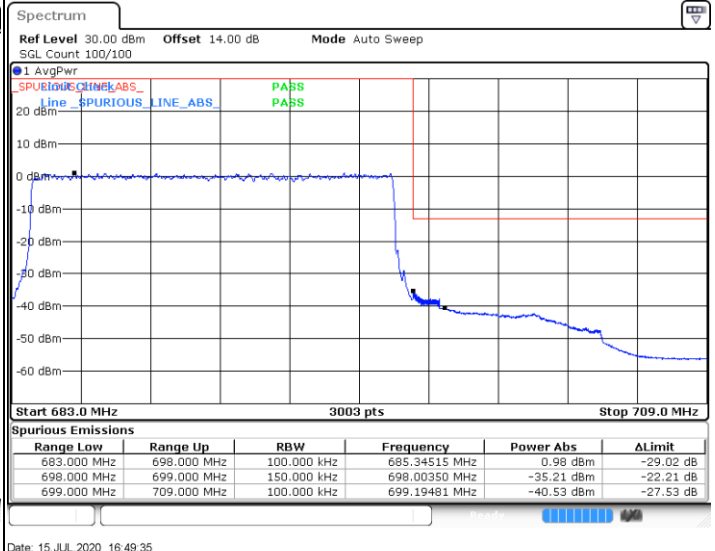
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



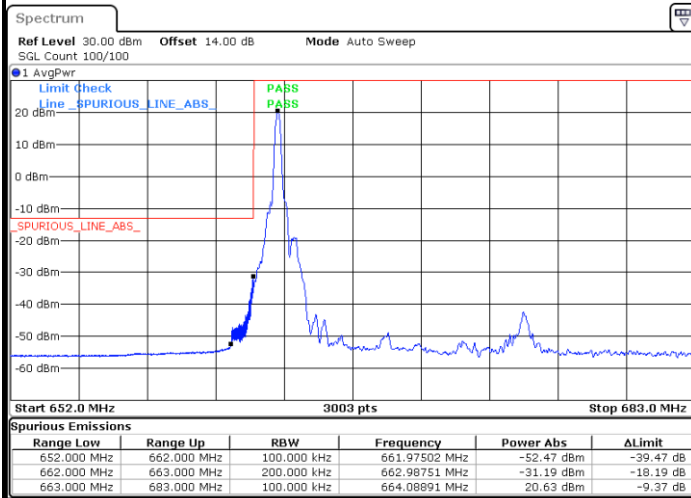
## Highest Band Edge / Full RB



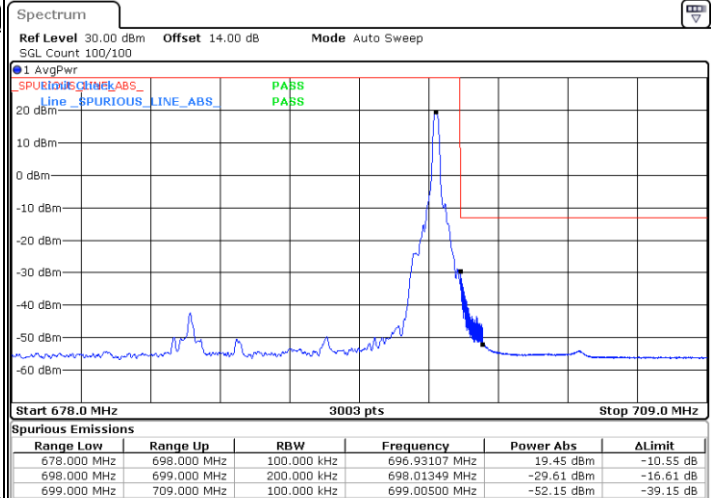


## LTE Band 71 / 20MHz / QPSK

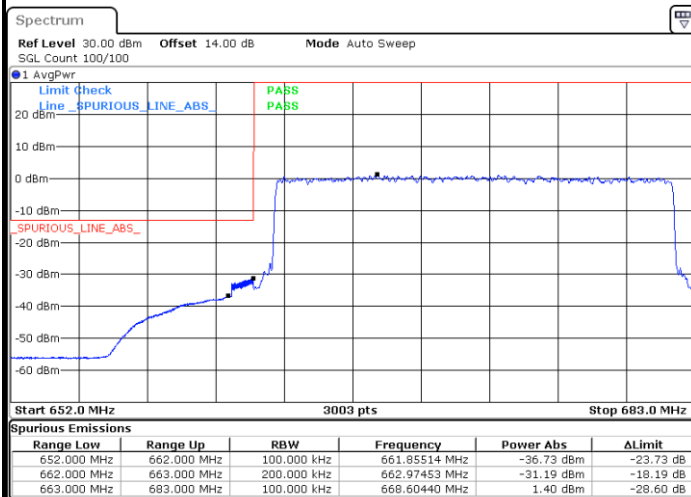
## Lowest Band Edge / 1 RB



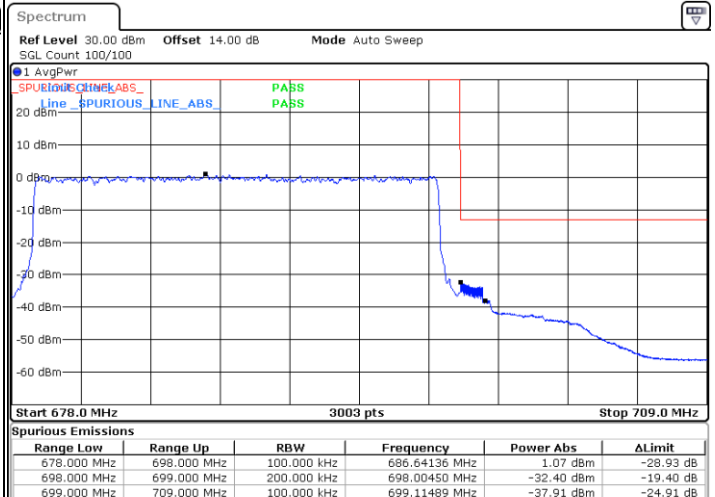
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



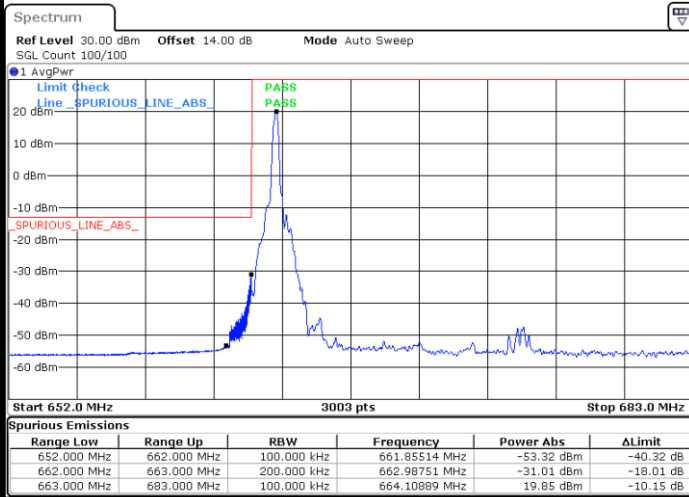
## Highest Band Edge / Full RB



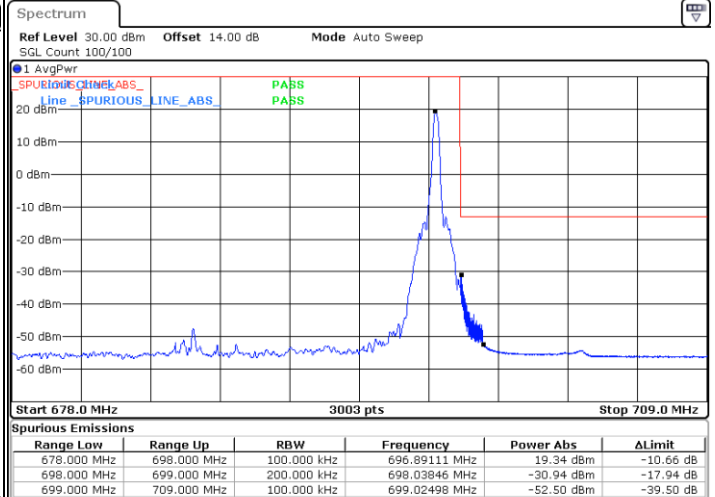


## LTE Band 71 / 20MHz / 16QAM

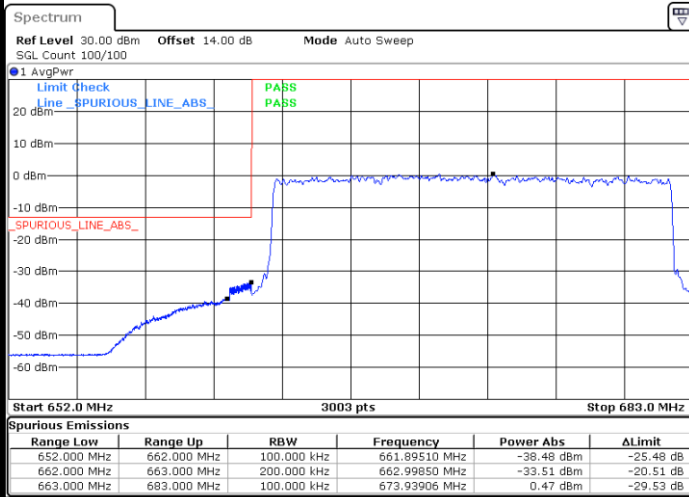
## Lowest Band Edge / 1 RB



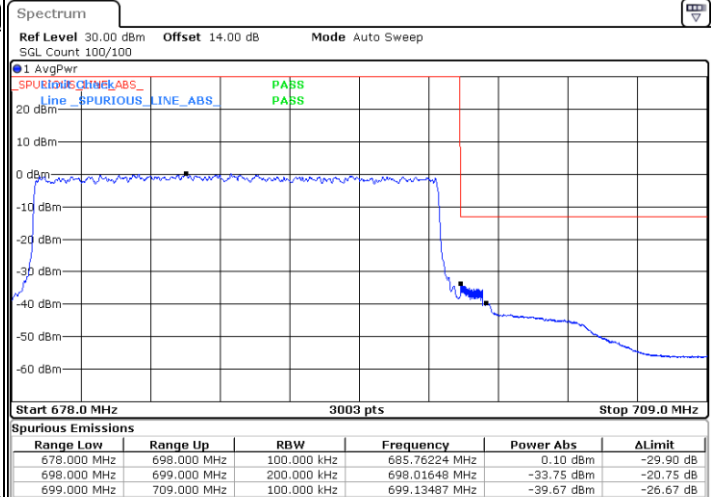
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

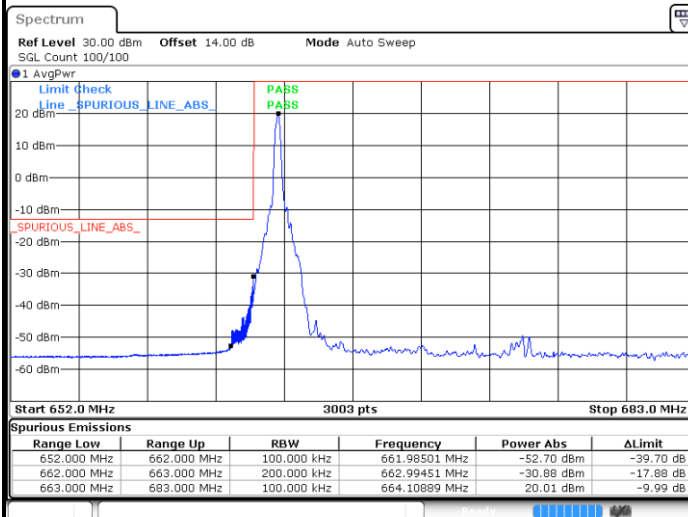




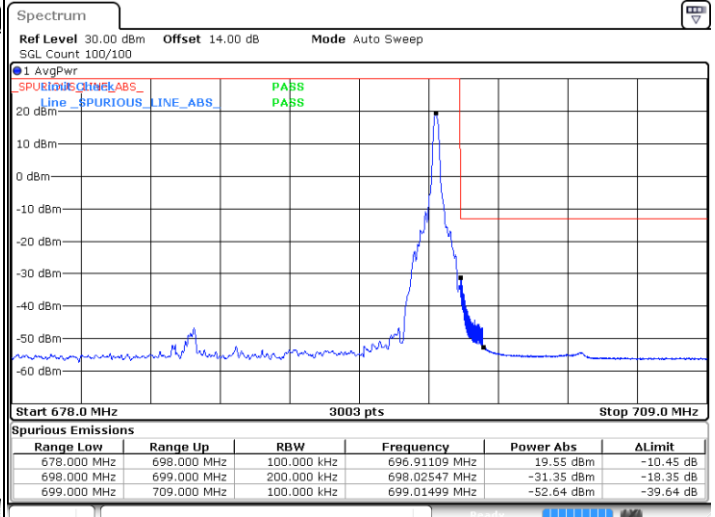


## LTE Band 71 / 20MHz / 64QAM

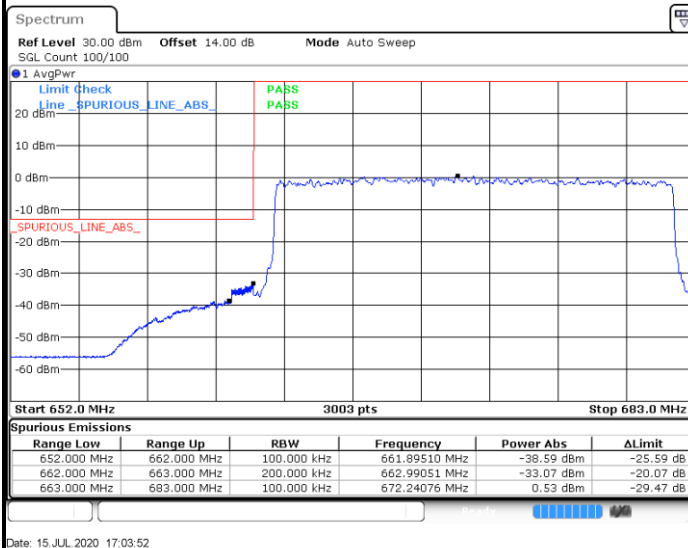
## Lowest Band Edge / 1 RB



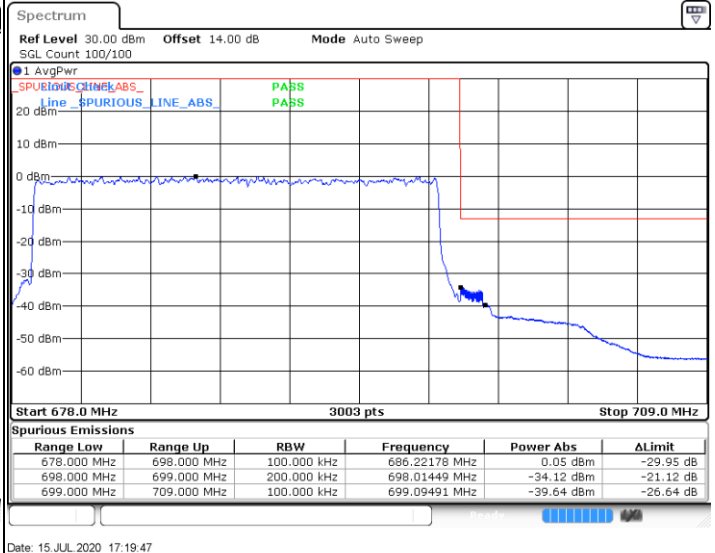
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB

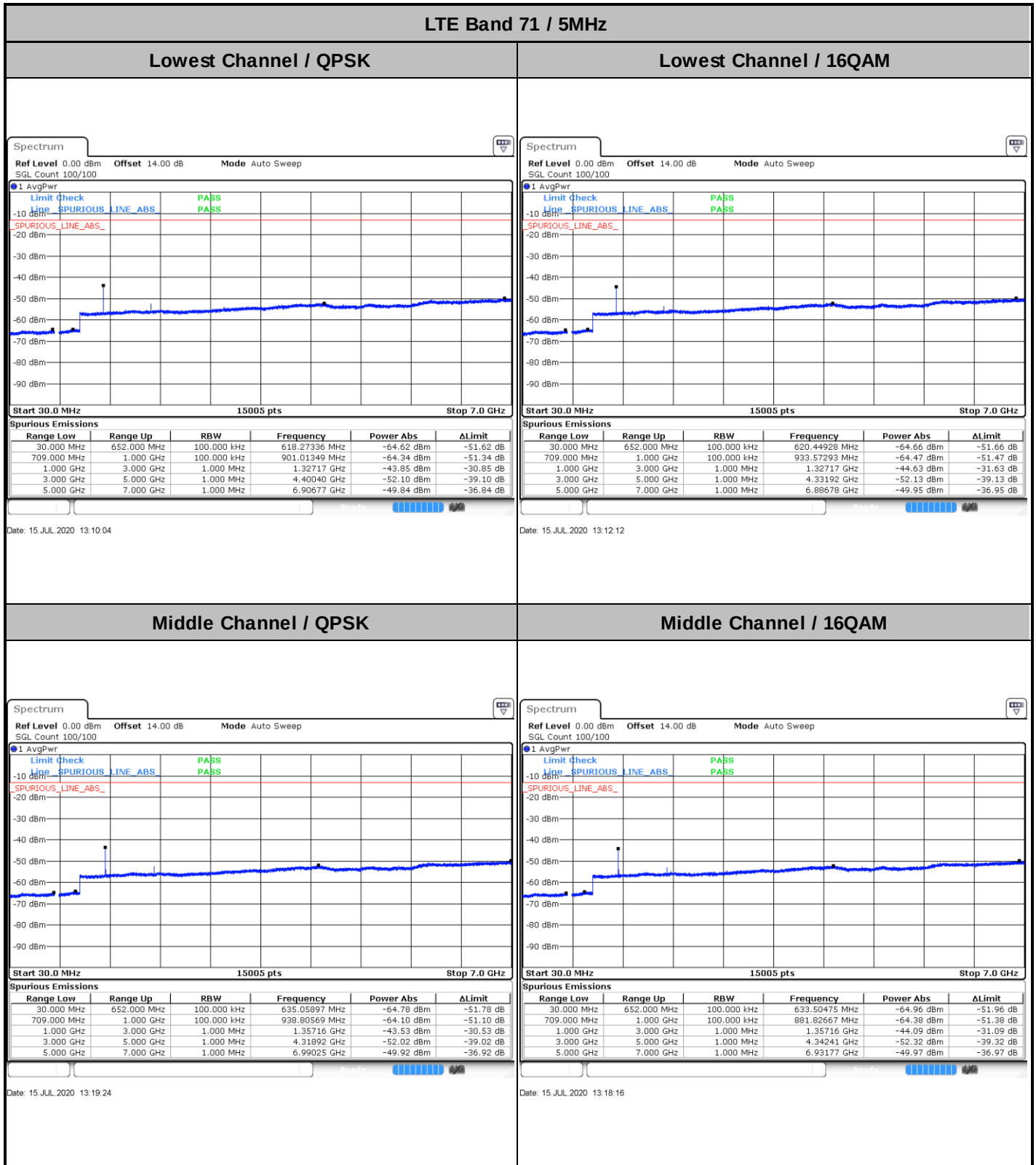


## Highest Band Edge / Full RB





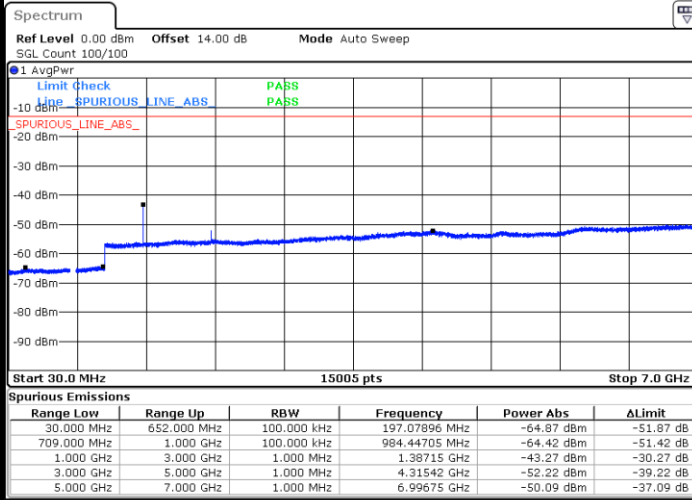
# Conducted Spurious Emission





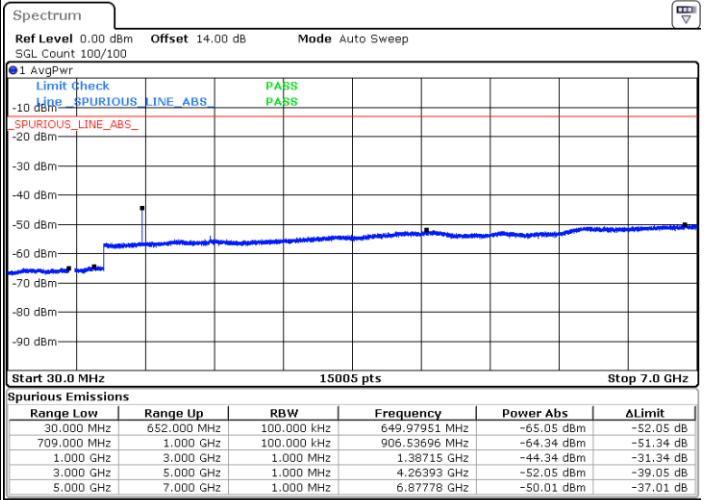
## LTE Band 71 / 5MHz

## Highest Channel / QPSK



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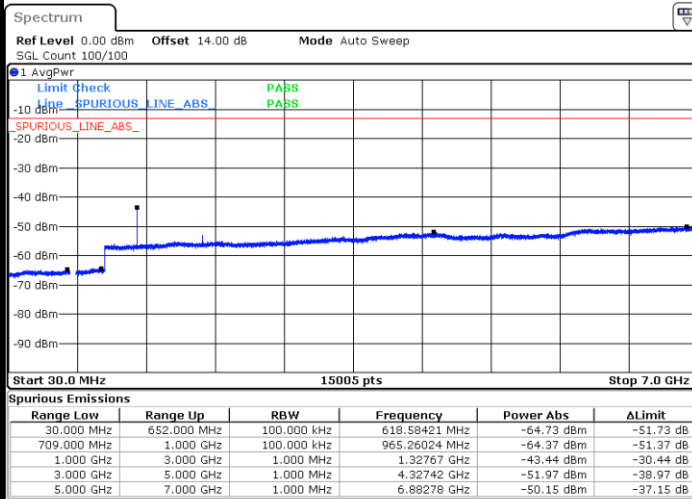
## Highest Channel / 16QAM



Date: 15 JUL 2020 15:31:34

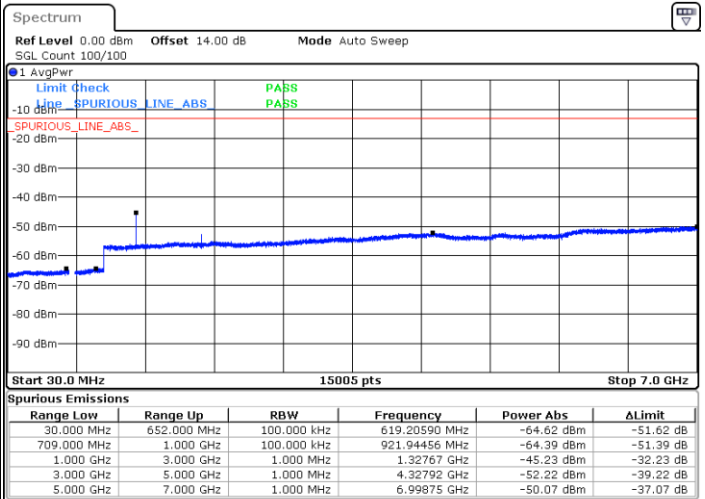
## LTE Band 71 / 10MHz

## Lowest Channel / QPSK



Date: 15 JUL 2020 15:53:02

## Lowest Channel / 16QAM

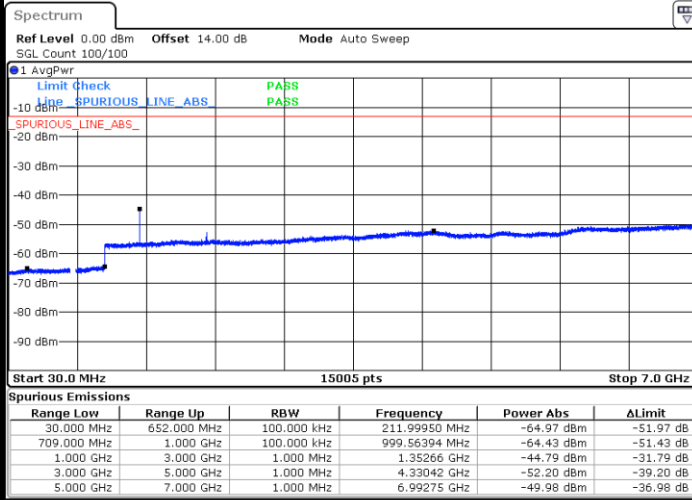


Date: 15 JUL 2020 15:50:27



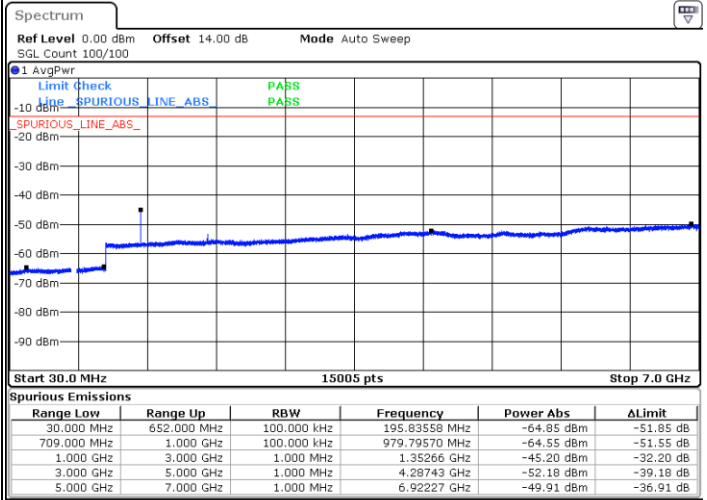
## LTE Band 71 / 10MHz

## Middle Channel / QPSK



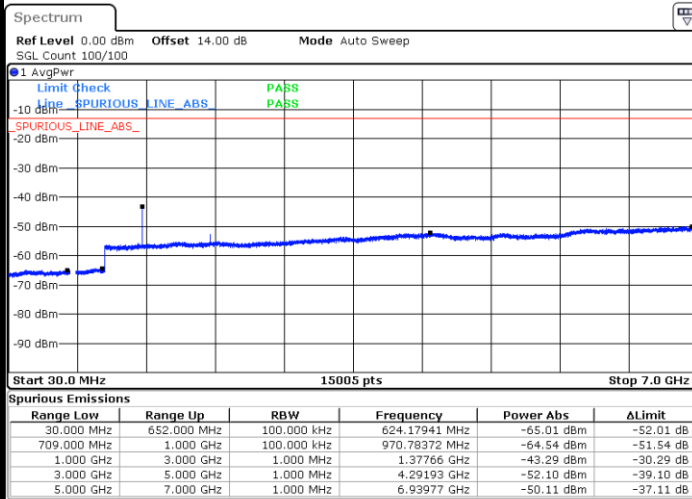
Date: 15 JUL 2020 15:58:29

## Middle Channel / 16QAM



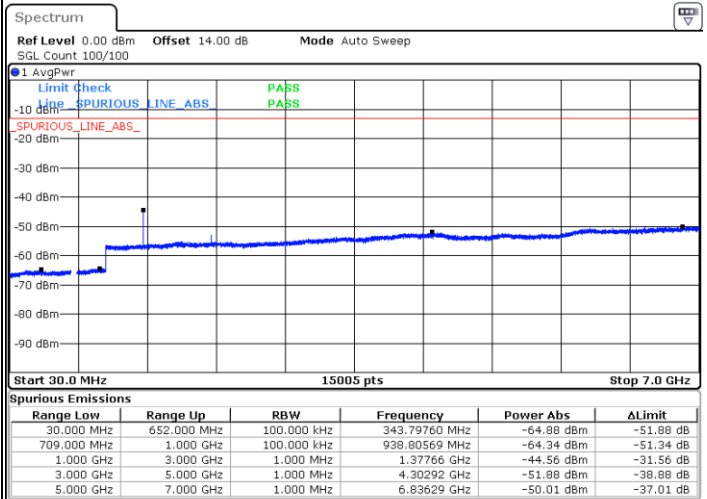
Date: 15 JUL 2020 15:59:36

## Highest Channel / QPSK



Date: 15 JUL 2020 16:10:15

## Highest Channel / 16QAM

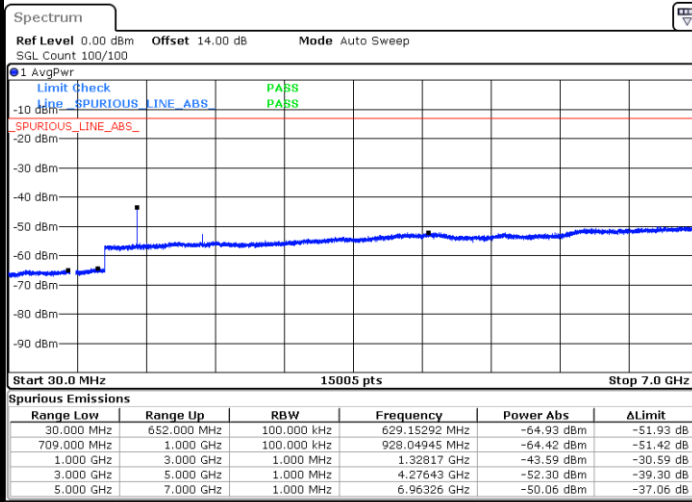


Date: 15 JUL 2020 16:08:53



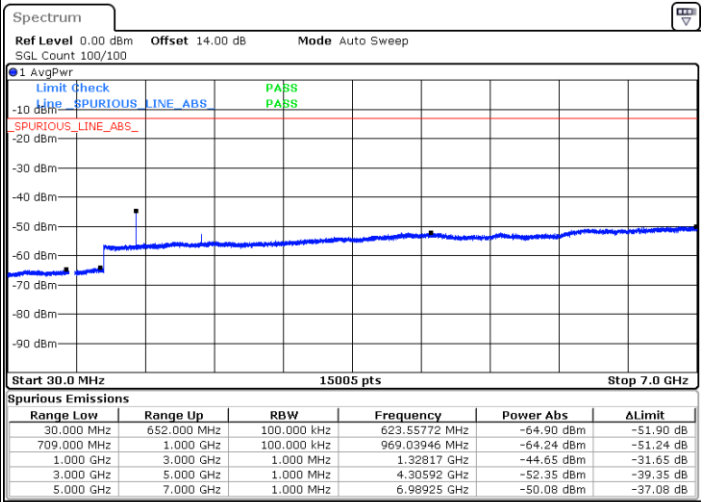
## LTE Band 71 / 15MHz

## Lowest Channel / QPSK



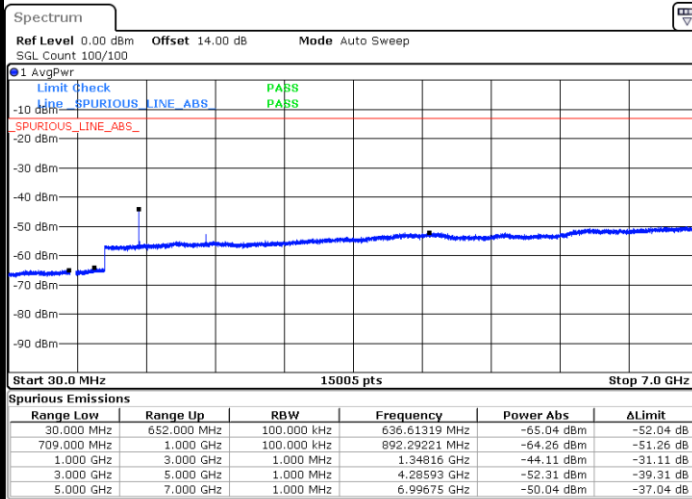
Date: 15 JUL 2020 16:32:22

## Lowest Channel / 16QAM



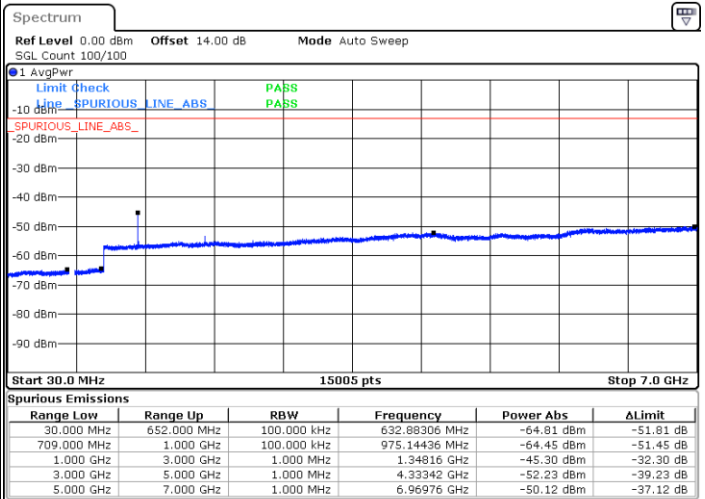
Date: 15 JUL 2020 16:29:33

## Middle Channel / QPSK



Date: 15 JUL 2020 16:33:54

## Middle Channel / 16QAM

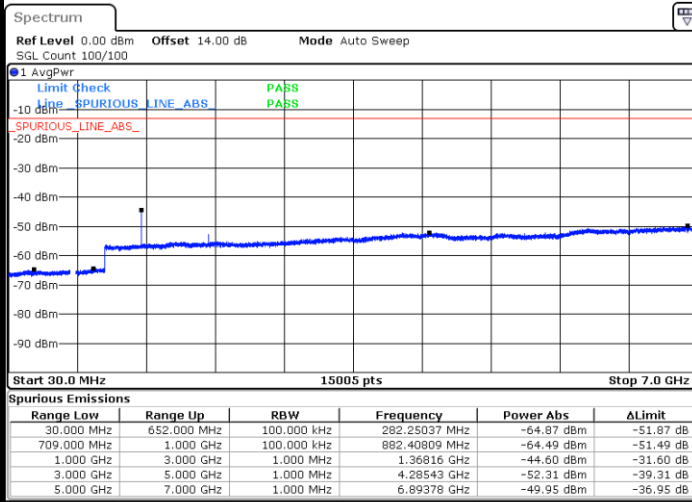


Date: 15 JUL 2020 16:35:16



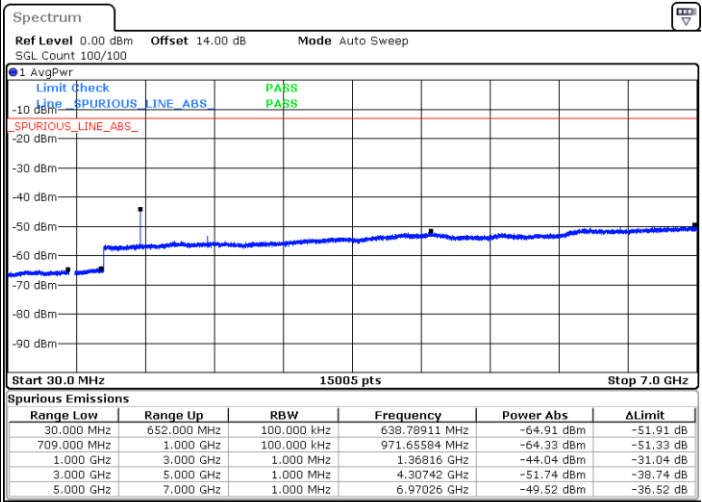
## LTE Band71 / 15MHz

## Highest Channel / QPSK



Date: 15 JUL 2020 16:54:54

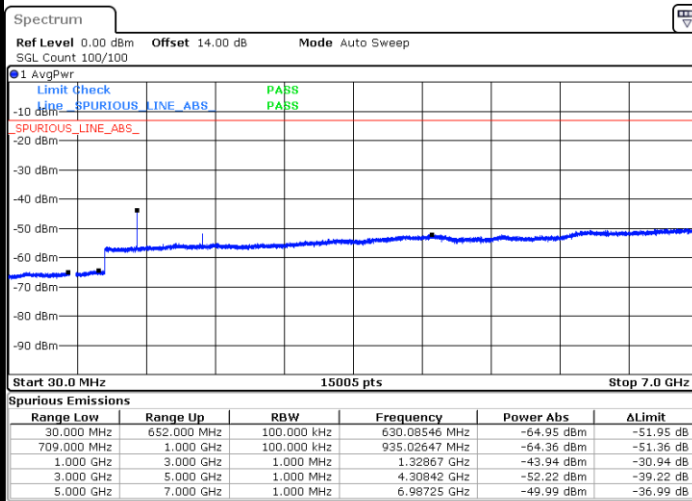
## Highest Channel / 16QAM



Date: 15 JUL 2020 16:56:12

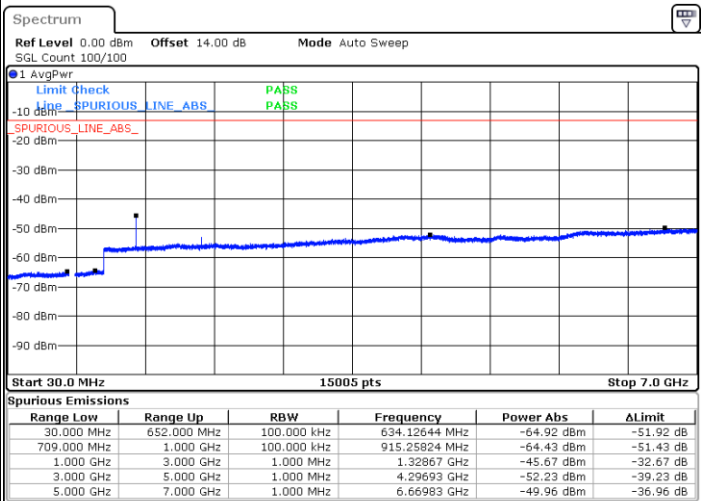
## LTE Band 71 / 20MHz

## Lowest Channel / QPSK



Date: 15 JUL 2020 17:07:44

## Lowest Channel / 16QAM

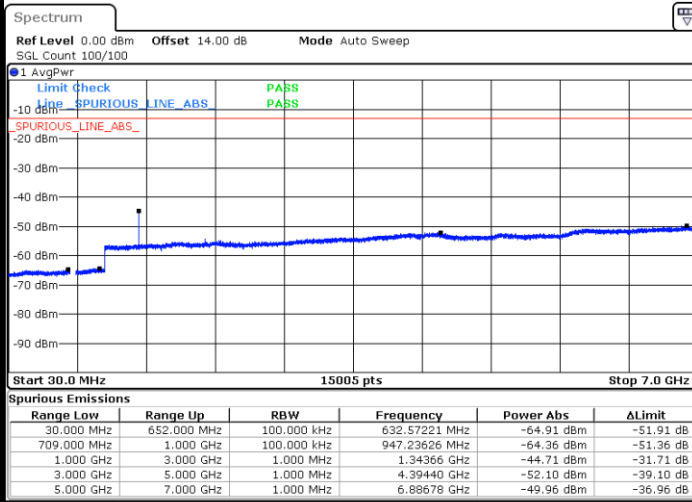


Date: 15 JUL 2020 17:06:17



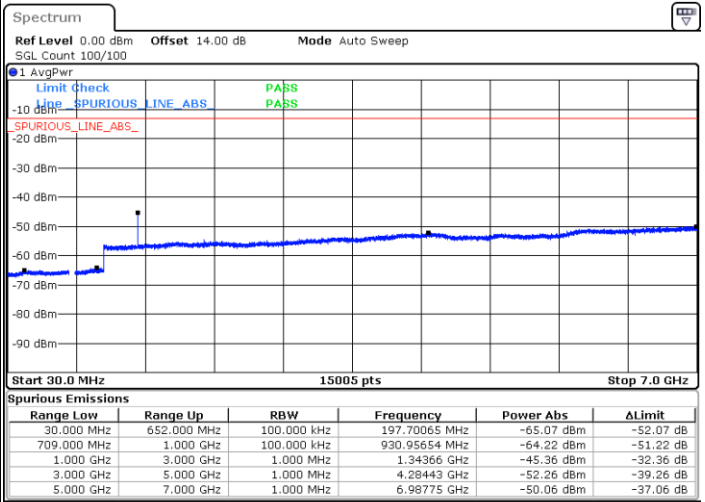
## LTE Band 71 / 20MHz

## Middle Channel / QPSK



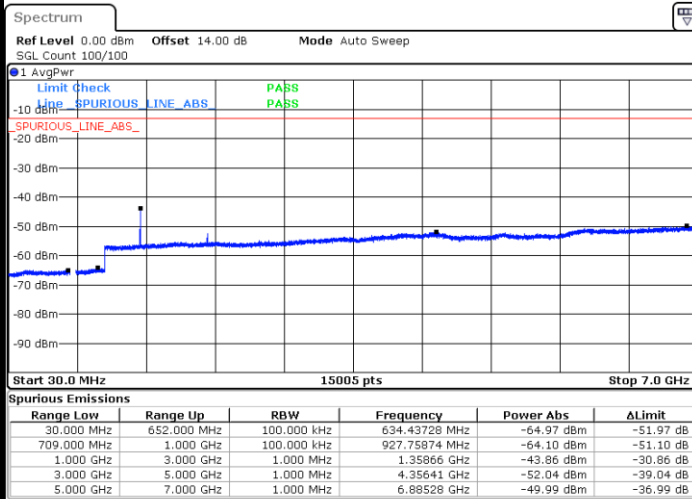
Date: 15 JUL 2020 17:15:08

## Middle Channel / 16QAM



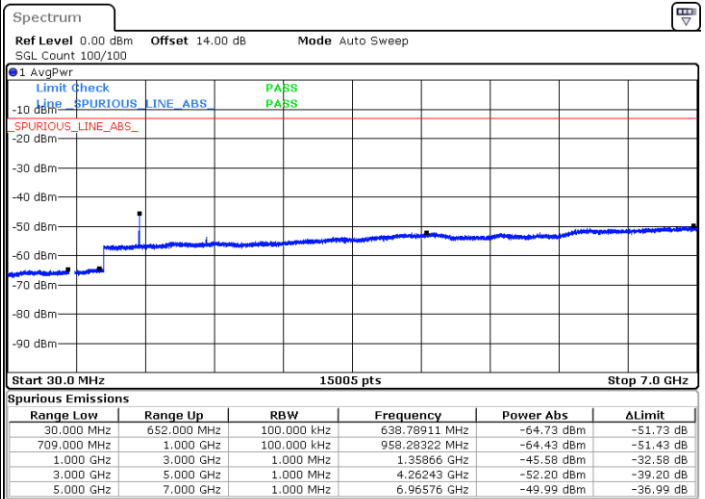
Date: 15 JUL 2020 17:13:50

## Highest Channel / QPSK



Date: 15 JUL 2020 17:24:44

## Highest Channel / 16QAM

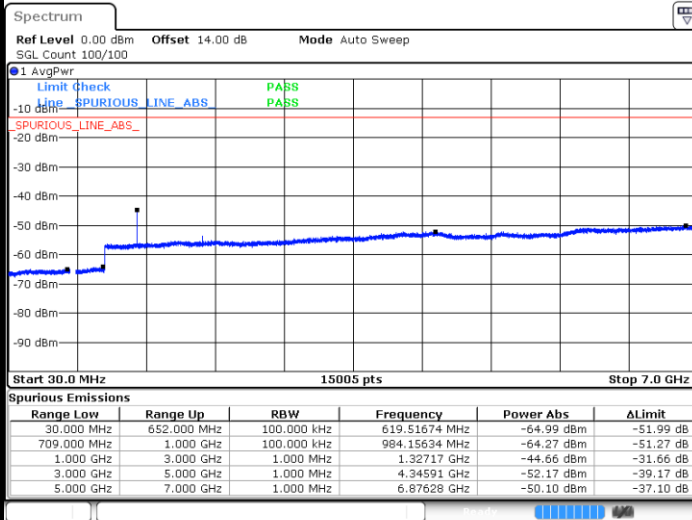


Date: 15 JUL 2020 17:25:46



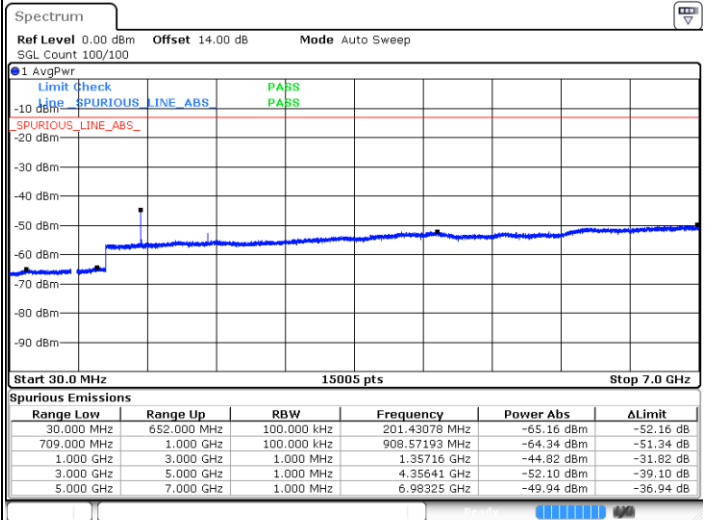
## LTE Band 71 / 5MHz

## Lowest Channel / 64QAM



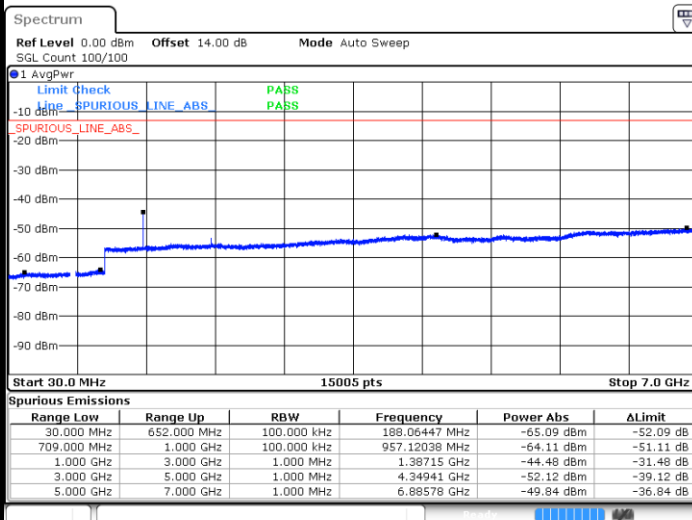
Date: 15 JUL 2020 13:15:41

## Middle Channel / 64QAM



Date: 15 JUL 2020 13:17:09

## Highest Channel / 64QAM



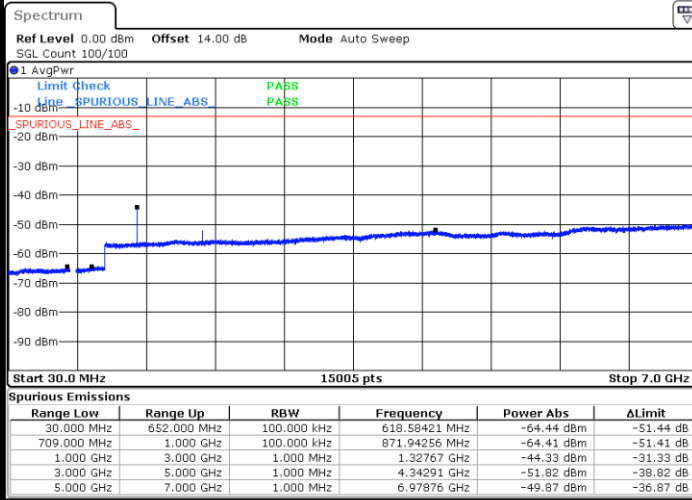
Date: 15 JUL 2020 15:33:29





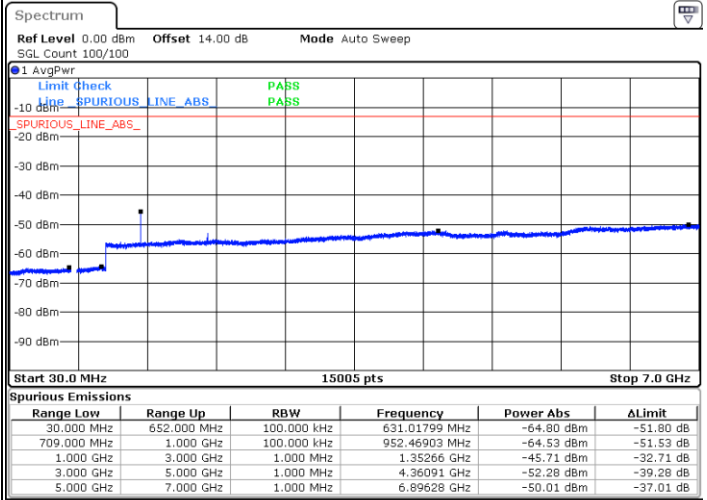
## LTE Band 71 / 10MHz

## Lowest Channel / 64QAM



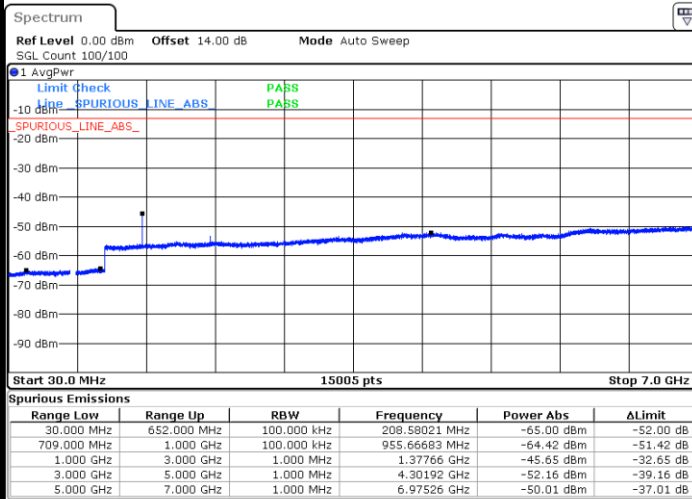
Date: 15 JUL 2020 15:49:19

## Middle Channel / 64QAM



Date: 15 JUL 2020 16:00:47

## Highest Channel / 64QAM

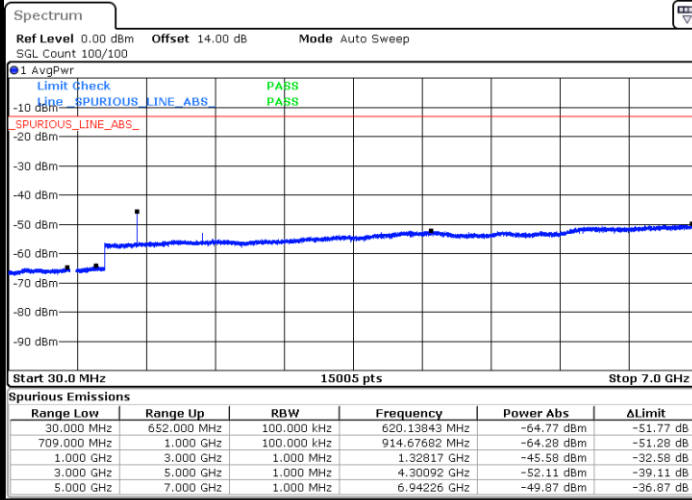


Date: 15 JUL 2020 16:07:59



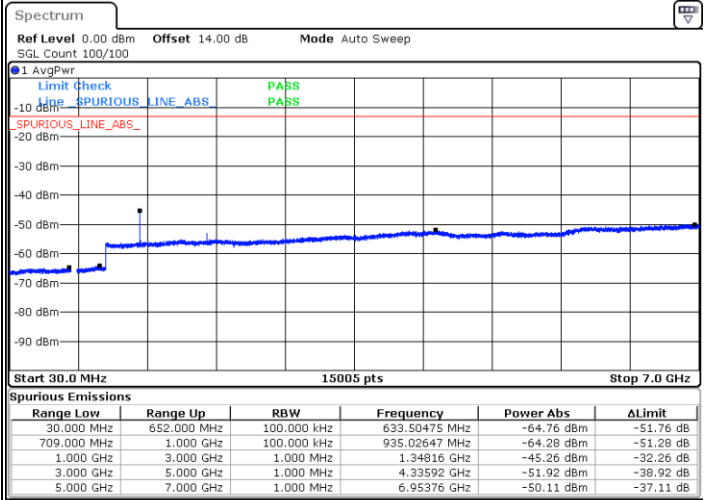
## LTE Band 71 / 15MHz

## Lowest Channel / 64QAM



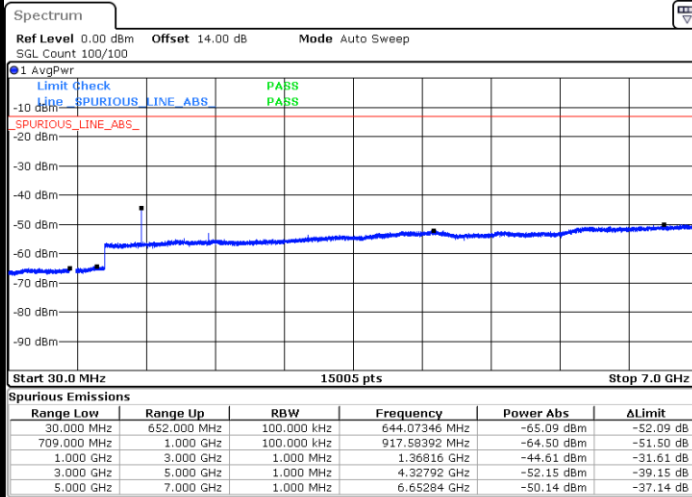
Date: 15 JUL 2020 16:27:48

## Middle Channel / 64QAM



Date: 15 JUL 2020 16:36:17

## Highest Channel / 64QAM

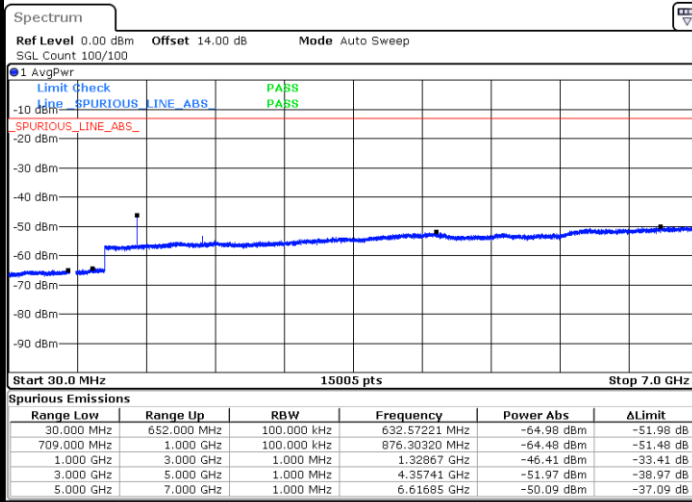


Date: 15 JUL 2020 16:57:36



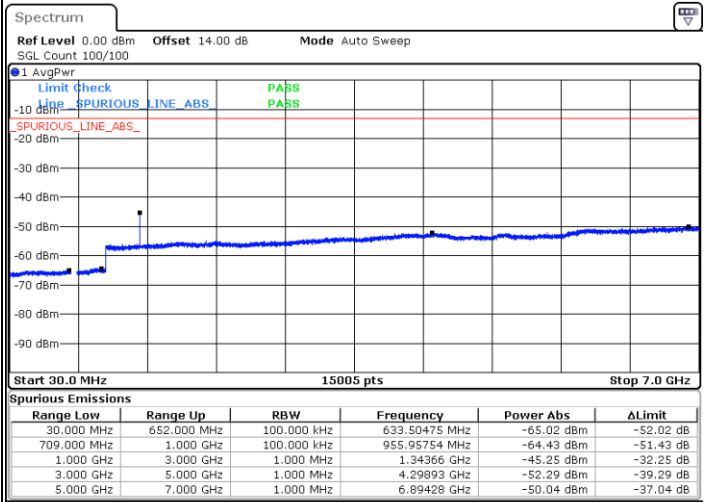
## LTE Band 71 / 20MHz

## Lowest Channel / 64QAM



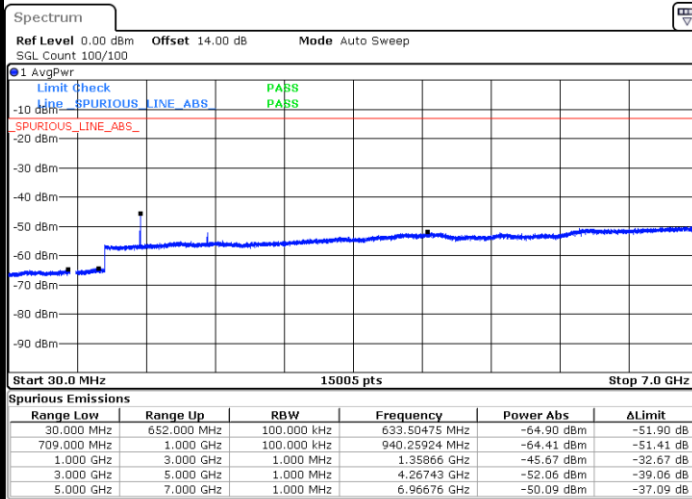
Date: 15 JUL 2020 17:05:18

## Middle Channel / 64QAM



Date: 15 JUL 2020 17:12:44

## Highest Channel / 64QAM



Date: 15 JUL 2020 17:28:03

**Frequency Stability**

| Test Conditions  |                   | LTE Band 71 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0028                              | PASS    |
| 40               | Normal Voltage    | 0.0018                              |         |
| 30               | Normal Voltage    | 0.0035                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0013                              |         |
| 0                | Normal Voltage    | 0.0234                              |         |
| -10              | Normal Voltage    | 0.0194                              |         |
| -20              | Normal Voltage    | 0.0010                              |         |
| -30              | Normal Voltage    | 0.0021                              |         |
| 20               | Maximum Voltage   | 0.0009                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0016                              |         |

**Note:**

1. Normal Voltage =7.74 V. ; Battery End Point (BEP) =7.2 V. ; Maximum Voltage =8.9 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 41C\_CA

## 26dB Bandwidth

| Mode       | LTE Band 41C : 26dB BW(MHz) |             |             |             |             |
|------------|-----------------------------|-------------|-------------|-------------|-------------|
| QPSK       |                             |             |             |             |             |
| BW         | 5MHz+20MHz                  | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 24.98                       | 25.33       | 29.85       | 25.43       | 30.51       |
| Middle CH  | 24.88                       | 25.38       | 30.03       | 25.43       | 30.51       |
| Highest CH | 25.13                       | 25.38       | 29.85       | 25.48       | 30.63       |
| BW         | 15MHz+20MHz                 | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 34.97                       | 25.18       | 30.03       | 34.90       | 39.72       |
| Middle CH  | 34.97                       | 25.33       | 30.21       | 34.97       | 39.88       |
| Highest CH | 34.83                       | 25.28       | 30.03       | 35.11       | 39.88       |

| Mode       | LTE Band 41C : 26dB BW(MHz) |             |             |             |             |
|------------|-----------------------------|-------------|-------------|-------------|-------------|
| 16QAM      |                             |             |             |             |             |
| BW         | 5MHz+20MHz                  | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 24.98                       | 25.28       | 29.79       | 25.43       | 30.63       |
| Middle CH  | 24.88                       | 25.28       | 29.79       | 25.43       | 30.51       |
| Highest CH | 24.93                       | 25.28       | 29.79       | 25.48       | 30.45       |
| BW         | 15MHz+20MHz                 | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 34.90                       | 25.08       | 29.91       | 34.90       | 39.88       |
| Middle CH  | 34.83                       | 25.08       | 29.91       | 34.97       | 39.72       |
| Highest CH | 34.90                       | 25.13       | 30.03       | 35.04       | 39.88       |

| Mode       | LTE Band 41C : 26dB BW(MHz) |             |             |             |             |
|------------|-----------------------------|-------------|-------------|-------------|-------------|
| 64QAM      |                             |             |             |             |             |
| BW         | 5MHz+20MHz                  | 10MHz+15MHz | 10MHz+20MHz | 15MHz+10MHz | 15MHz+15MHz |
| Lowest CH  | 24.88                       | 25.13       | 29.79       | 25.23       | 30.63       |
| Middle CH  | 24.88                       | 25.38       | 29.85       | 25.43       | 30.57       |
| Highest CH | 24.83                       | 25.18       | 29.97       | 25.38       | 30.51       |
| BW         | 15MHz+20MHz                 | 20MHz+5MHz  | 20MHz+10MHz | 20MHz+15MHz | 20MHz+20MHz |
| Lowest CH  | 34.76                       | 25.08       | 30.09       | 34.97       | 39.88       |
| Middle CH  | 34.83                       | 25.08       | 30.15       | 34.90       | 39.88       |
| Highest CH | 34.83                       | 25.08       | 30.09       | 34.90       | 39.96       |