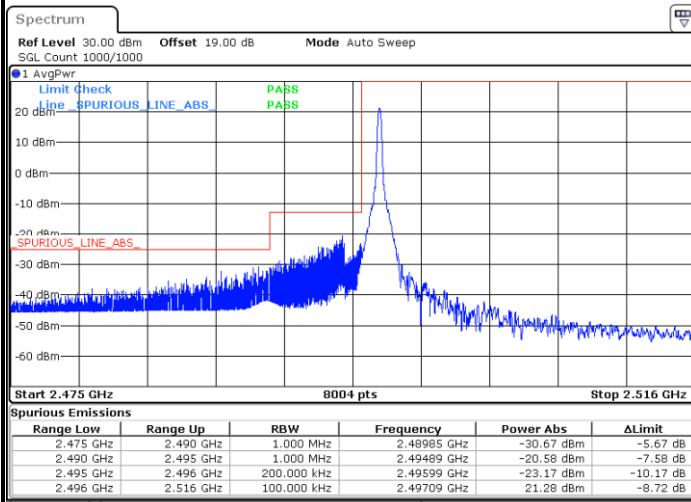


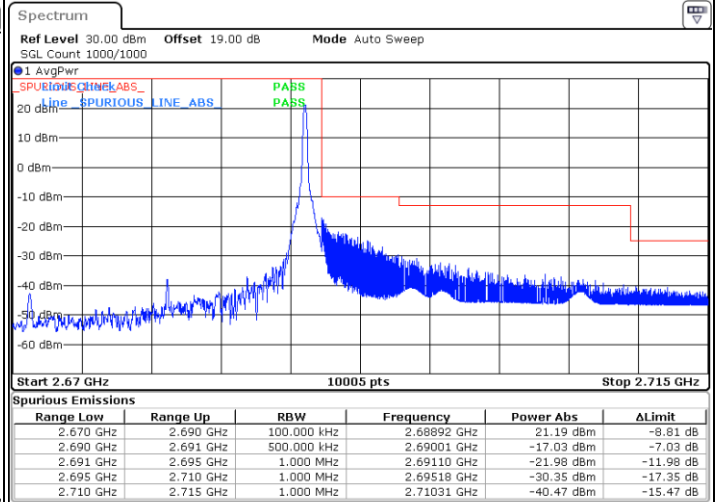


## LTE Band 41 / 20MHz / QPSK

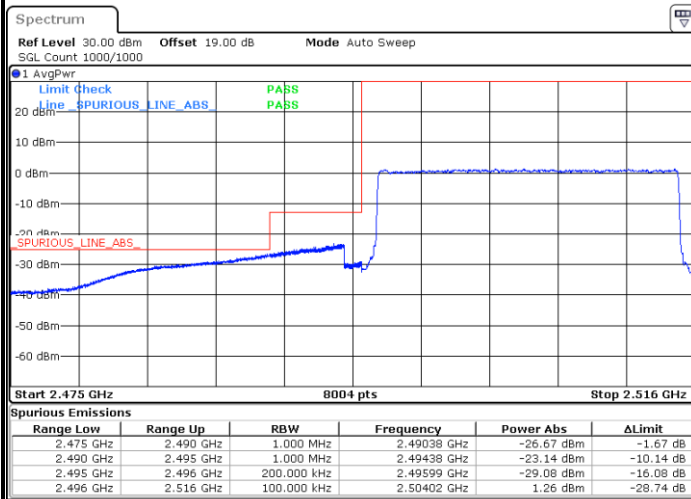
## Lowest Band Edge / 1 RB



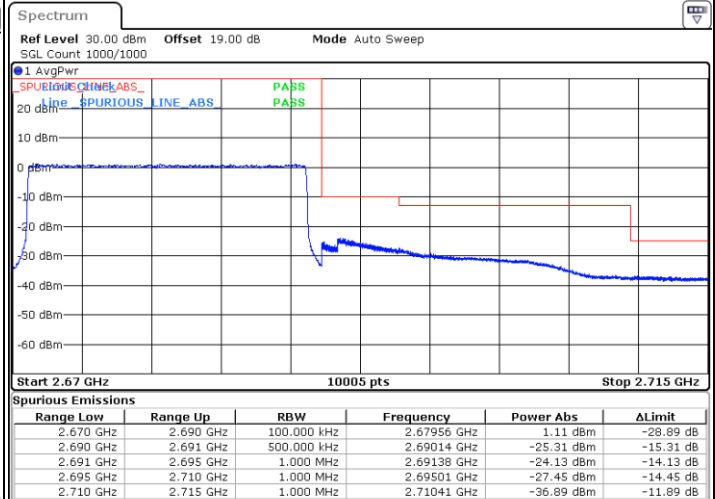
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



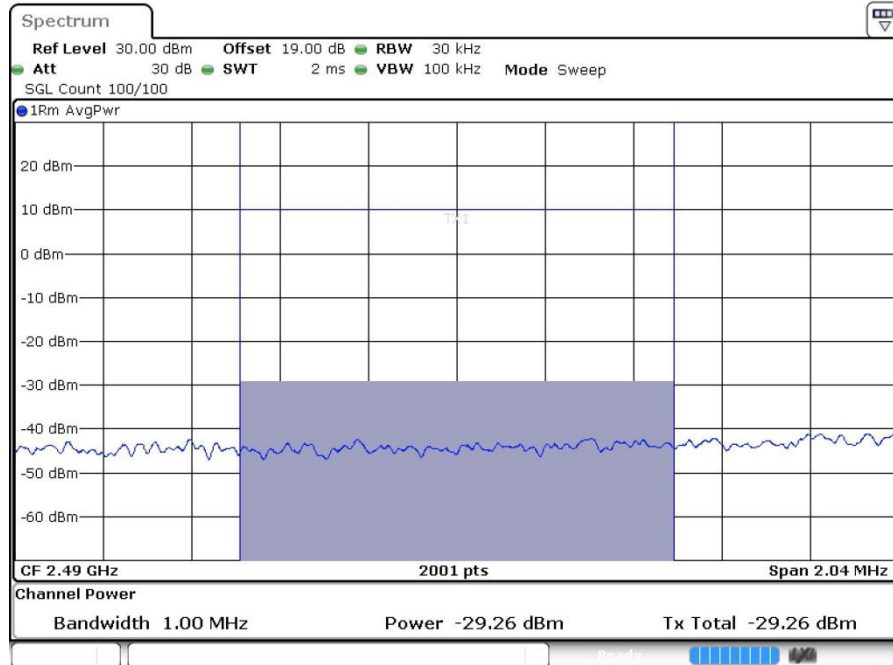
## Highest Band Edge / Full RB





LTE Band 41 / 20MHz / QPSK

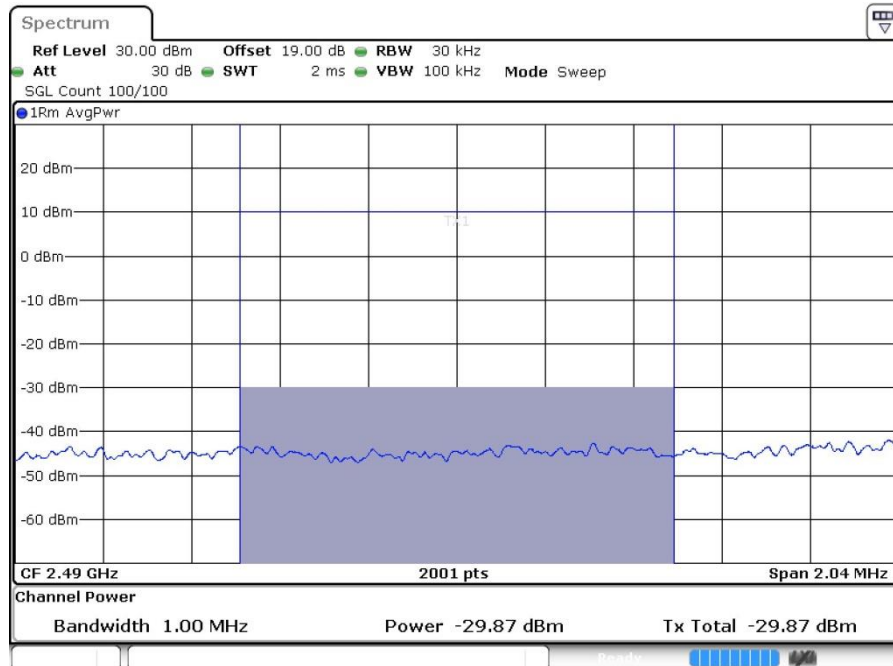
Lowest Band Edge / Full RB Channel Power



Date: 12 JUN 2022 22:44:03

LTE Band 41 / 20MHz / 16QAM

Lowest Band Edge / Full RB Channel Power

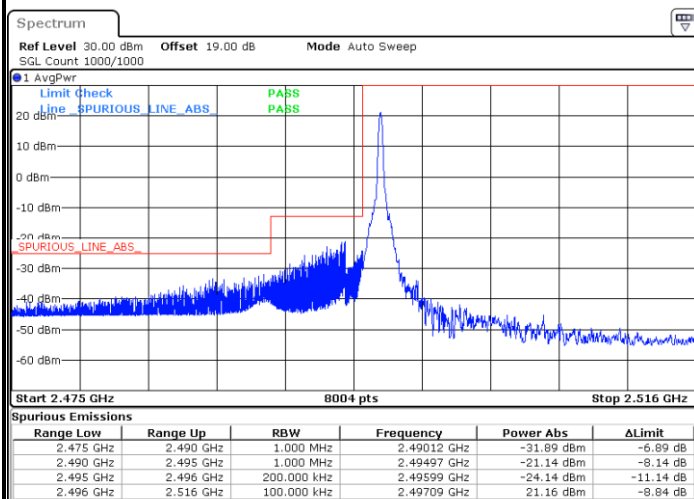


Date: 12 JUN 2022 22:44:29

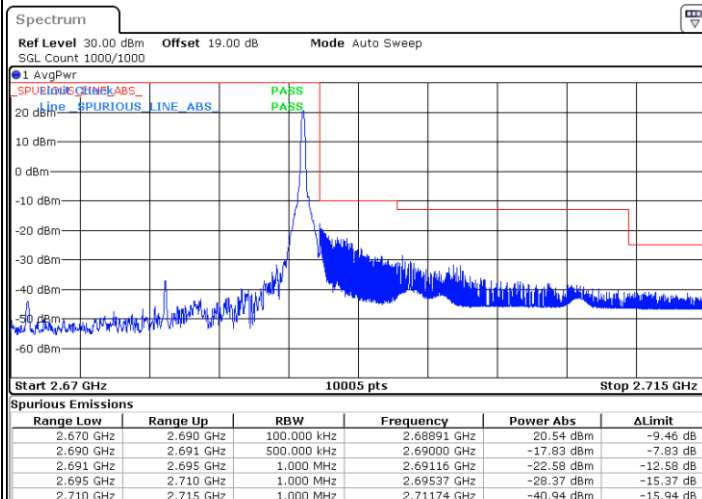


## LTE Band 41 / 20MHz / 16QAM

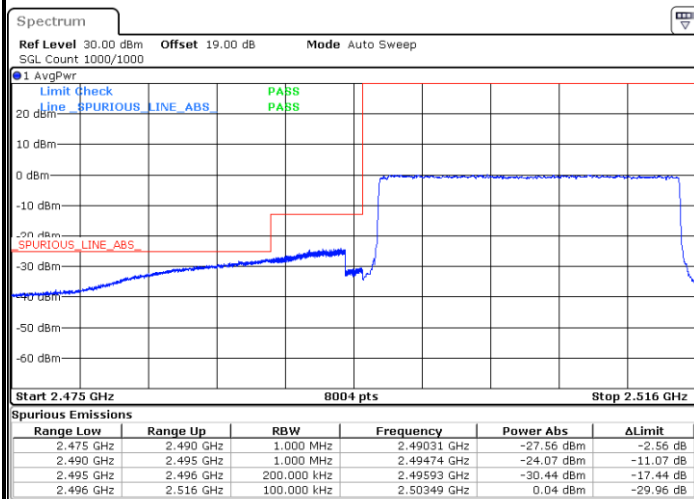
## Lowest Band Edge / 1 RB



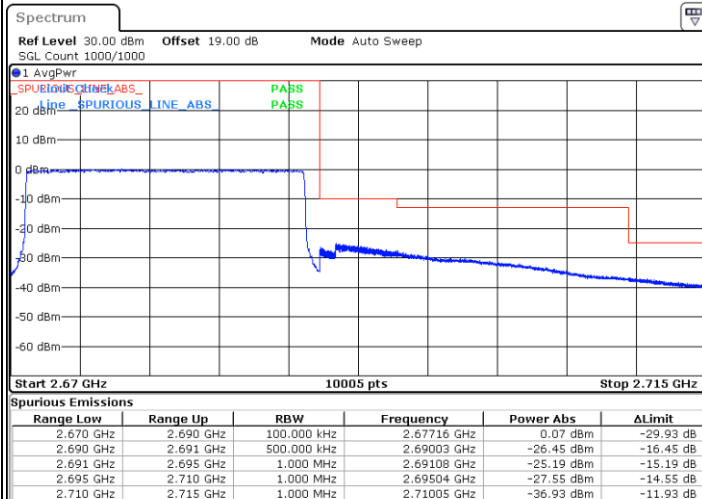
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



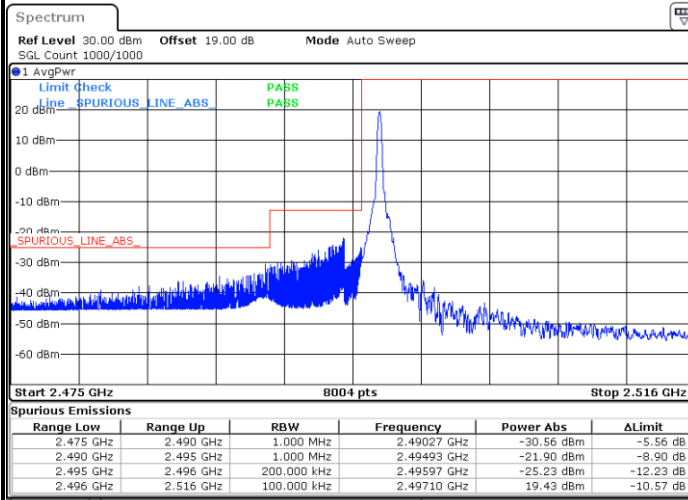
## Highest Band Edge / Full RB



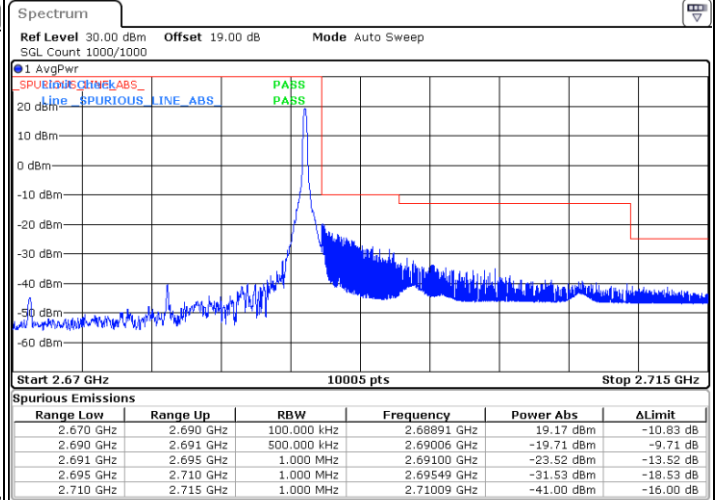


## LTE Band 41 / 20MHz / 64QAM

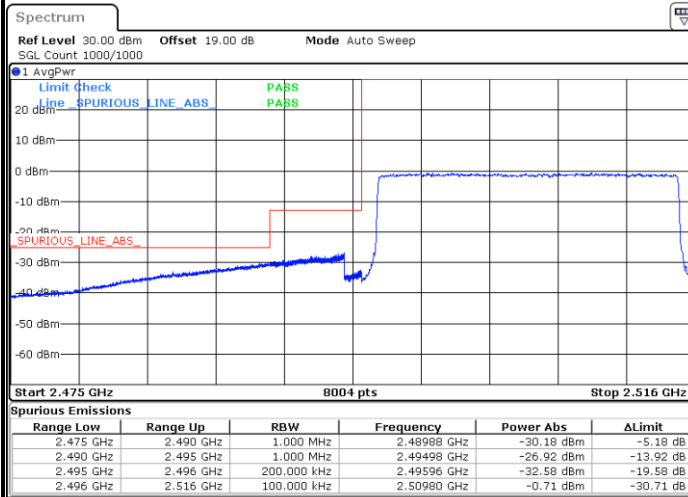
## Lowest Band Edge / 1 RB



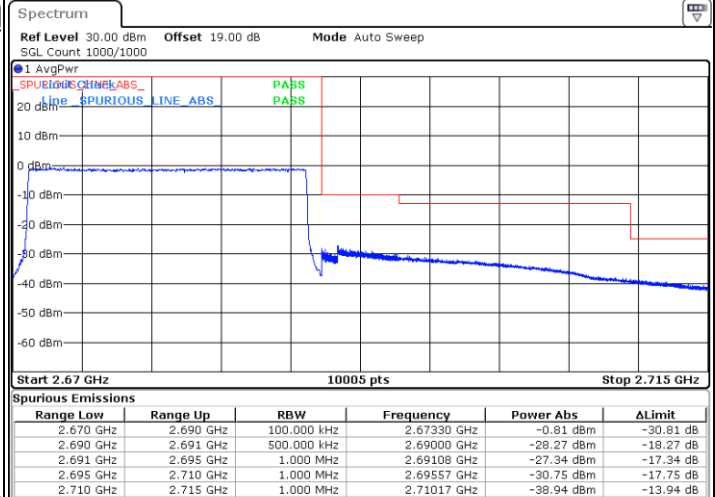
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

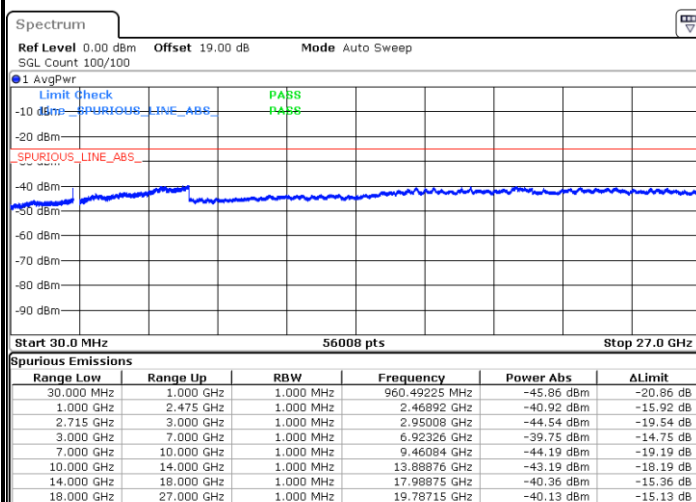




# Conducted Spurious Emission

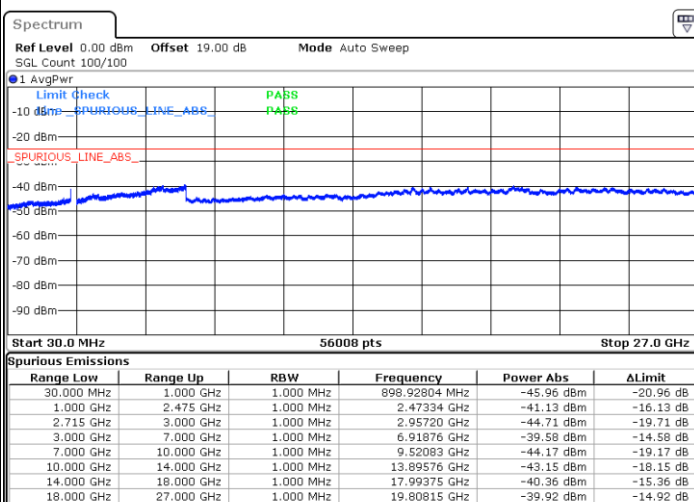
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK



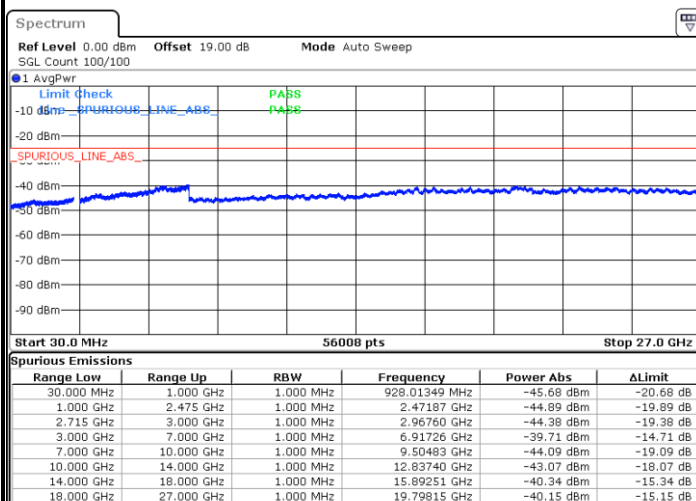
Date: 29.MAR.2022 15:53:34

### Lowest Channel / 16QAM



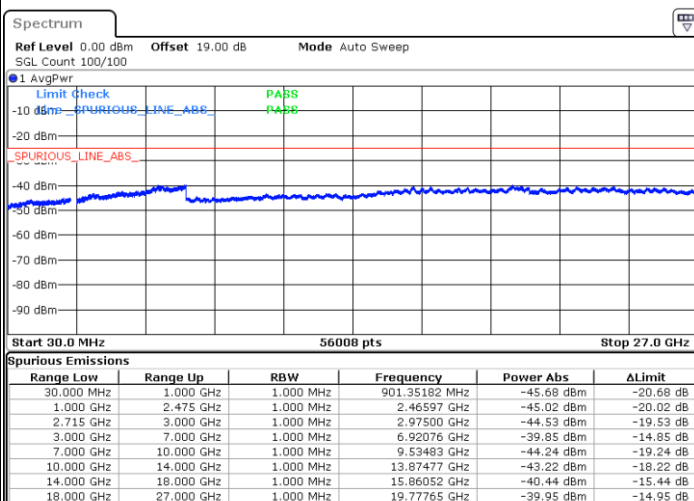
Date: 29.MAR.2022 15:54:46

### Middle Channel / QPSK



Date: 29.MAR.2022 15:55:59

### Middle Channel / 16QAM

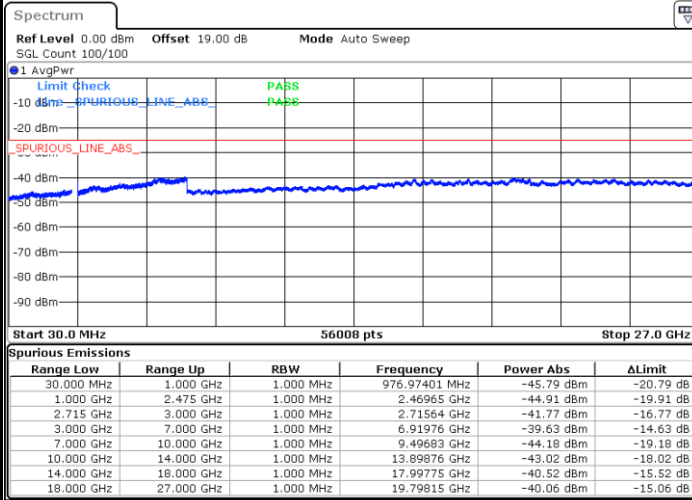


Date: 29.MAR.2022 15:57:11



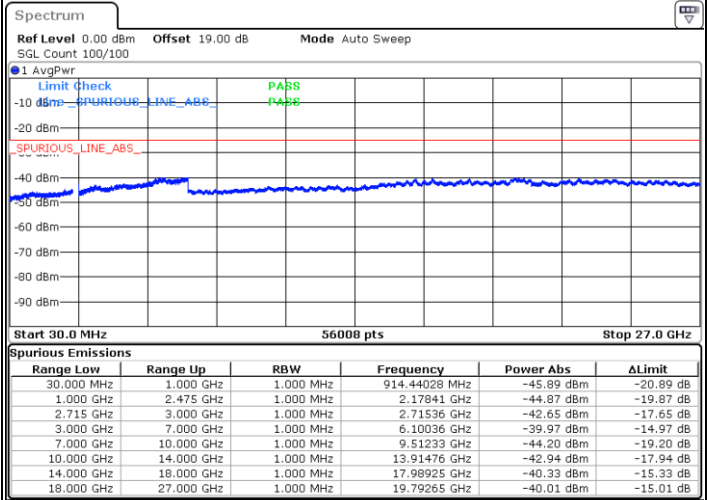
## LTE Band 41 / 5MHz

## Highest Channel / QPSK



Date: 29.MAR.2022 15:58:23

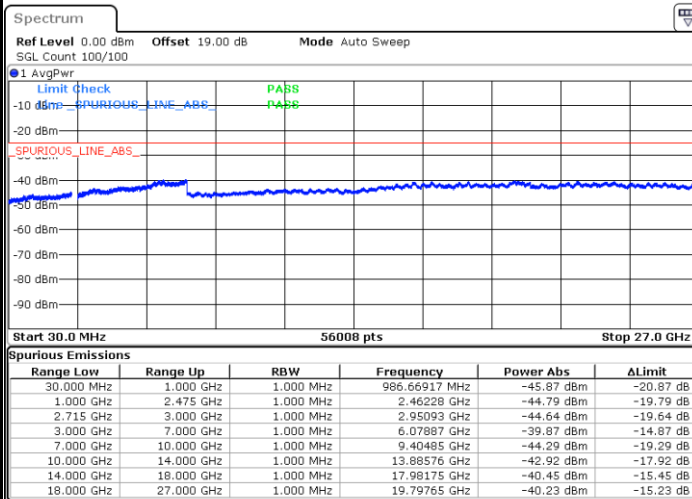
## Highest Channel / 16QAM



Date: 29.MAR.2022 15:59:36

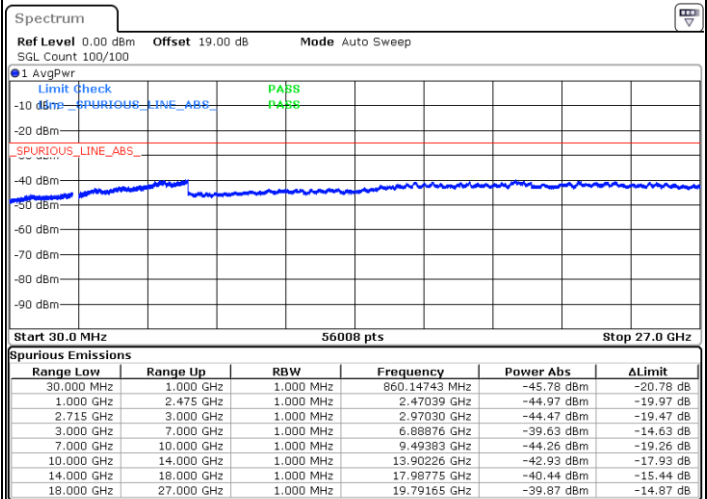
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



Date: 29.MAR.2022 16:00:50

## Lowest Channel / 16QAM

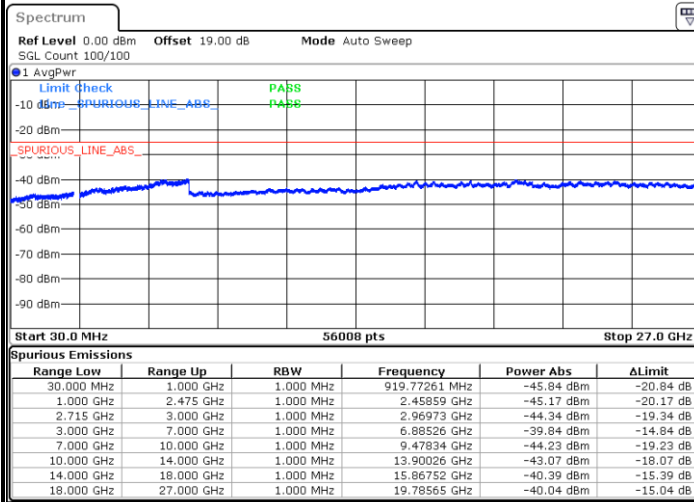


Date: 29.MAR.2022 16:02:02



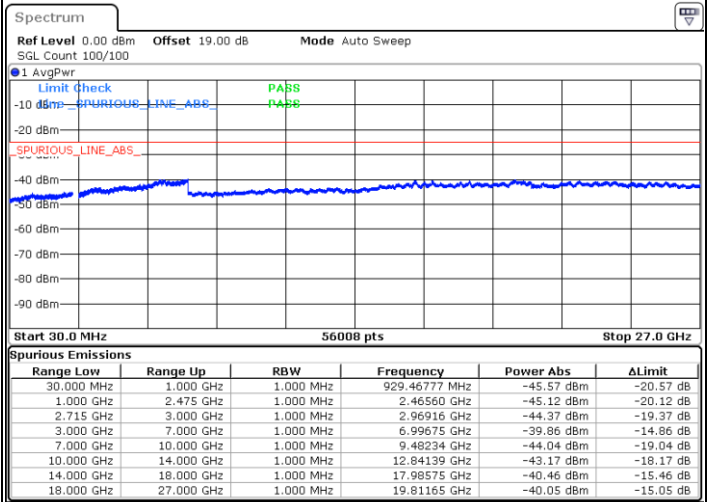
## LTE Band 41 / 10MHz

## Middle Channel / QPSK



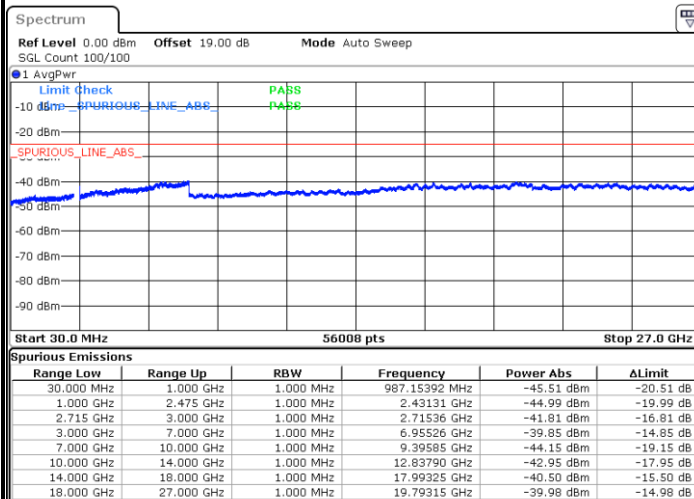
Date: 29.MAR.2022 16:03:15

## Middle Channel / 16QAM



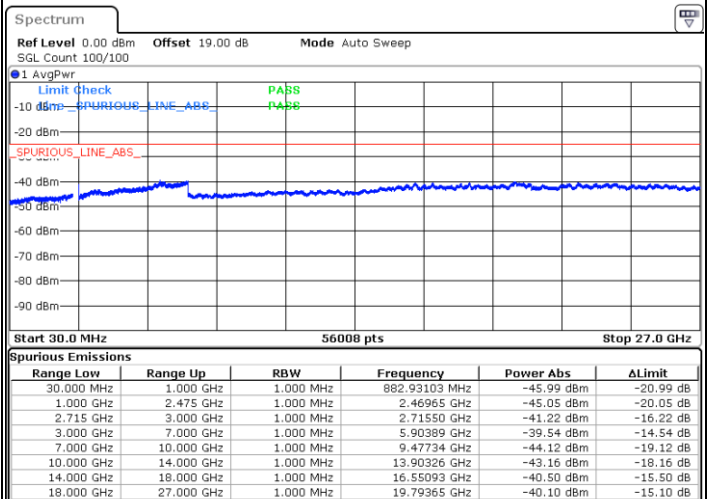
Date: 29.MAR.2022 16:04:27

## Highest Channel / QPSK



Date: 29.MAR.2022 16:05:39

## Highest Channel / 16QAM

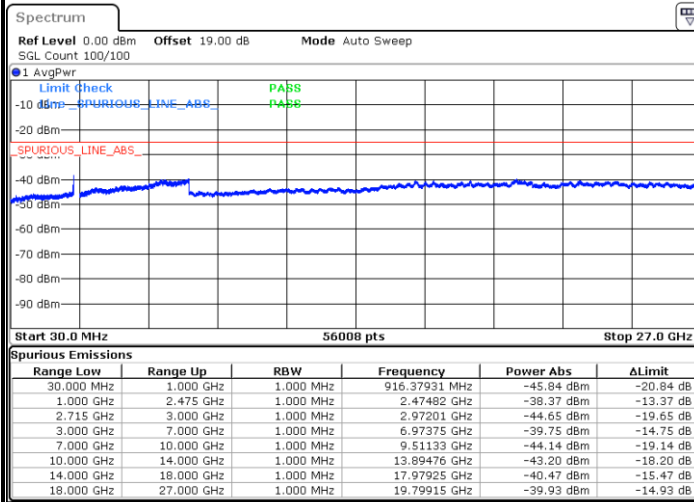


Date: 29.MAR.2022 16:06:51



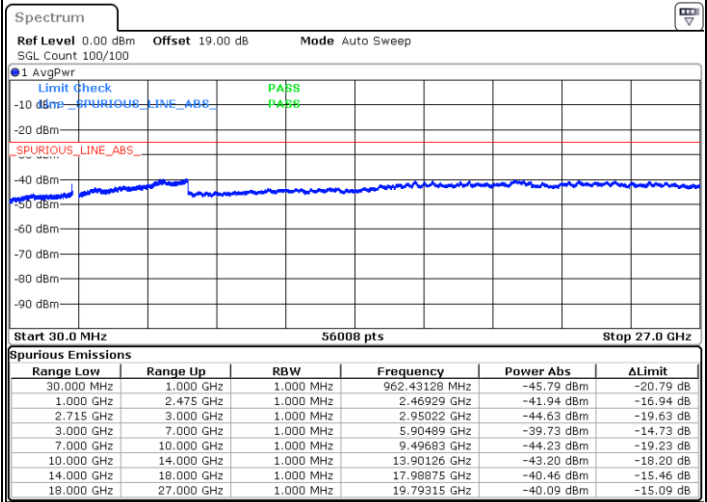
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



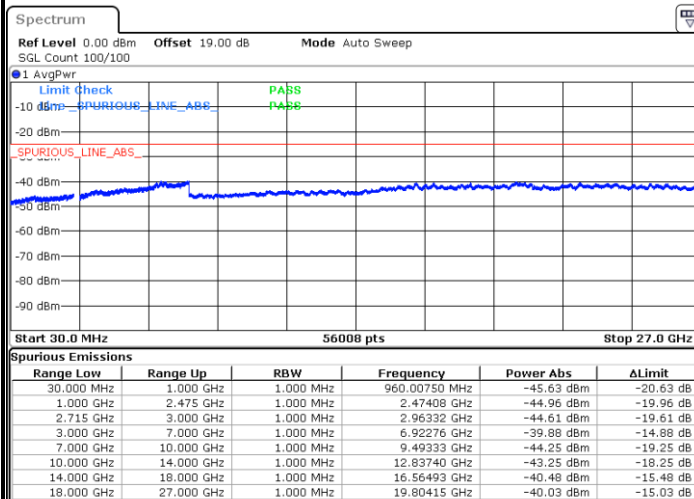
Date: 29.MAR.2022 16:08:05

## Lowest Channel / 16QAM



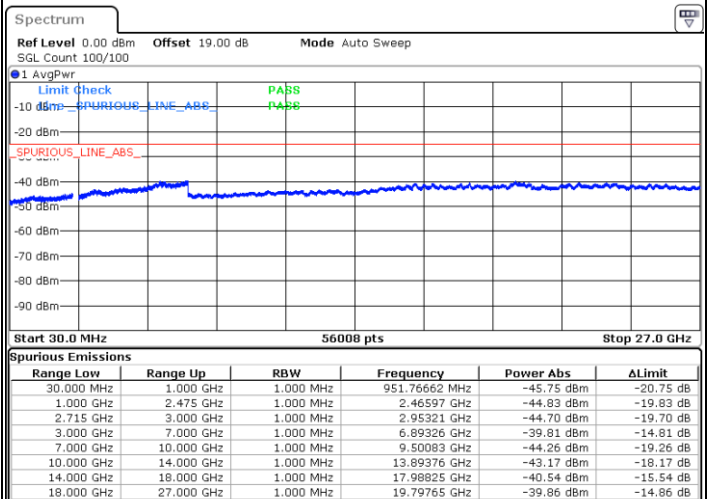
Date: 29.MAR.2022 16:09:17

## Middle Channel / QPSK



Date: 29.MAR.2022 16:10:30

## Middle Channel / 16QAM

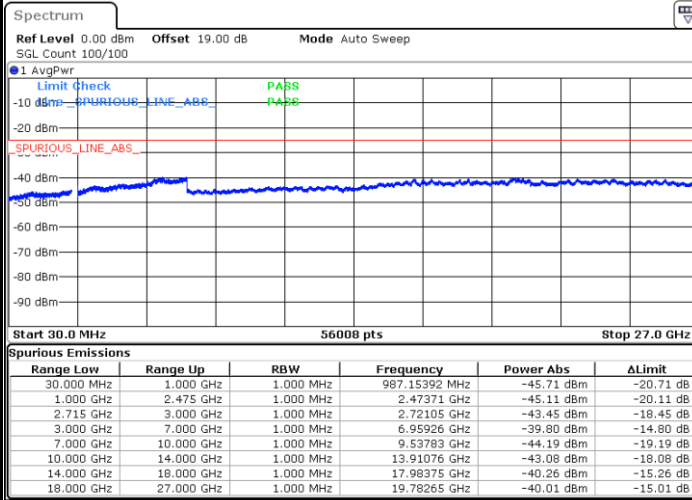


Date: 29.MAR.2022 16:11:41



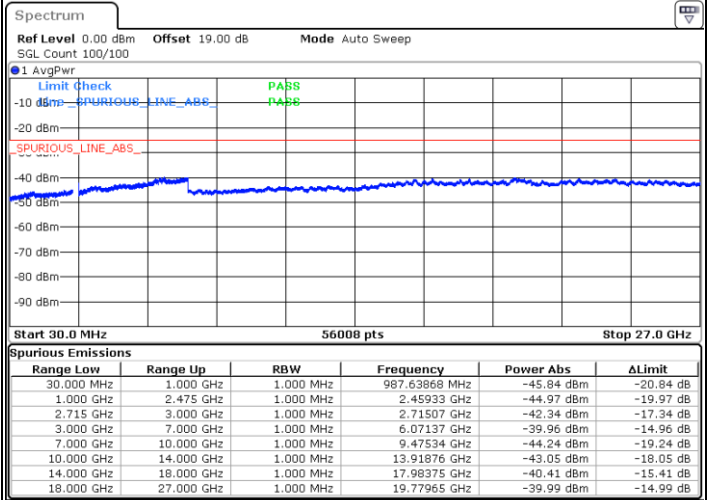
## LTE Band 41 / 15MHz

## Highest Channel / QPSK



Date: 29.MAR.2022 16:12:54

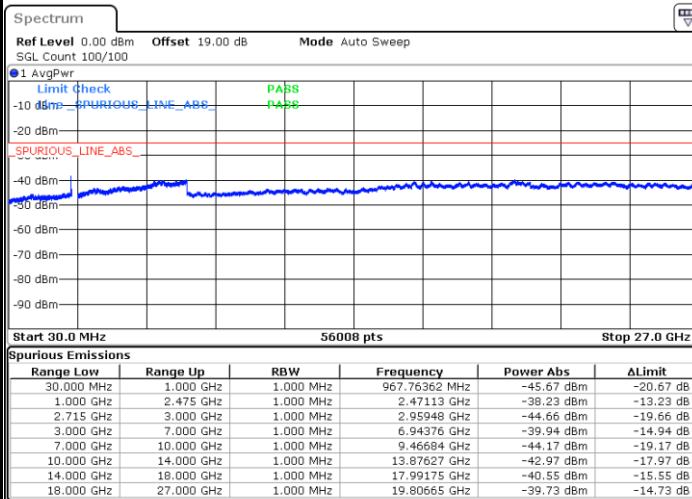
## Highest Channel / 16QAM



Date: 29.MAR.2022 16:14:06

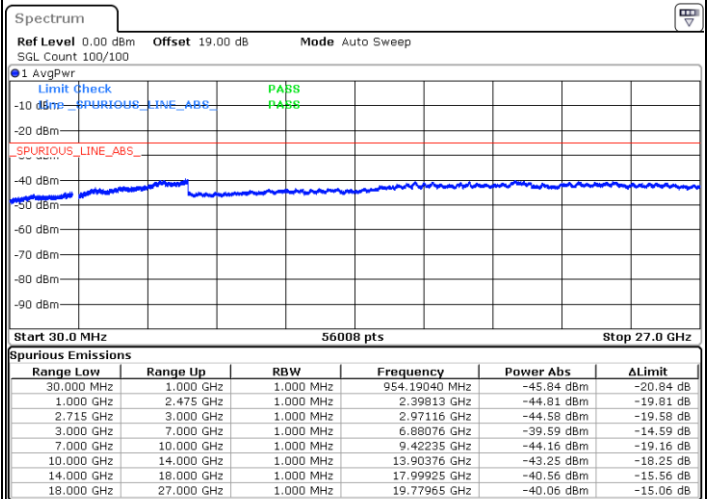
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



Date: 29.MAR.2022 16:15:20

## Lowest Channel / 16QAM

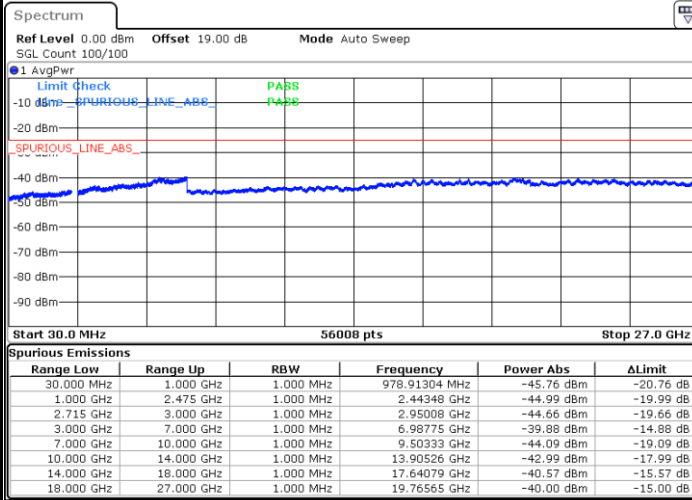


Date: 29.MAR.2022 16:16:32



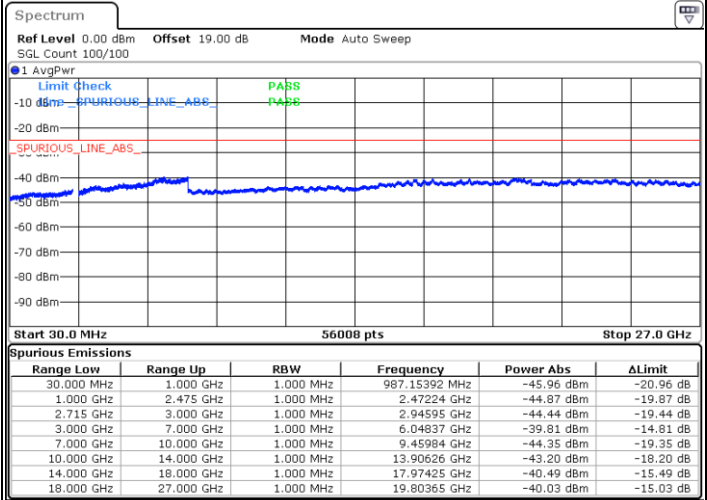
## LTE Band 41 / 20MHz

## Middle Channel / QPSK



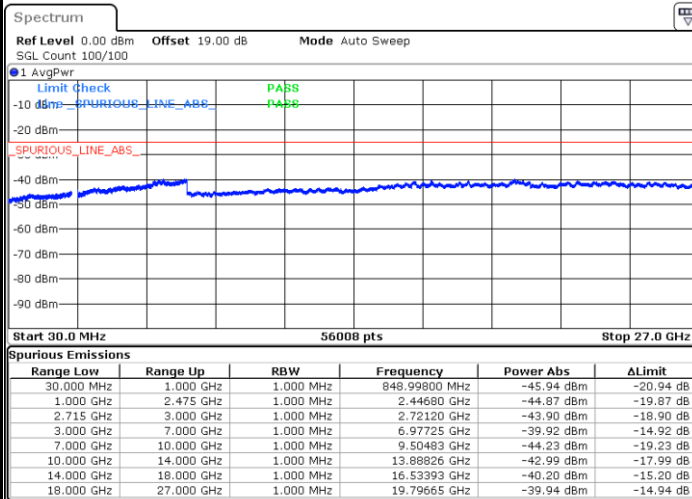
Date: 29.MAR.2022 16:17:45

## Middle Channel / 16QAM



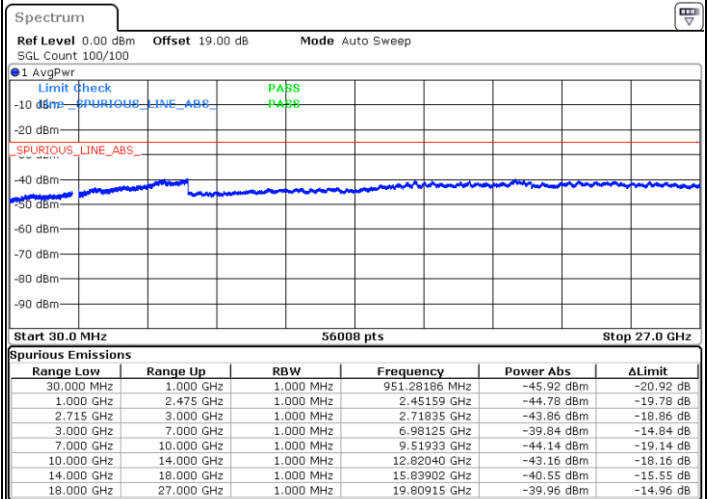
Date: 29.MAR.2022 16:18:57

## Highest Channel / QPSK



Date: 29.MAR.2022 16:20:09

## Highest Channel / 16QAM

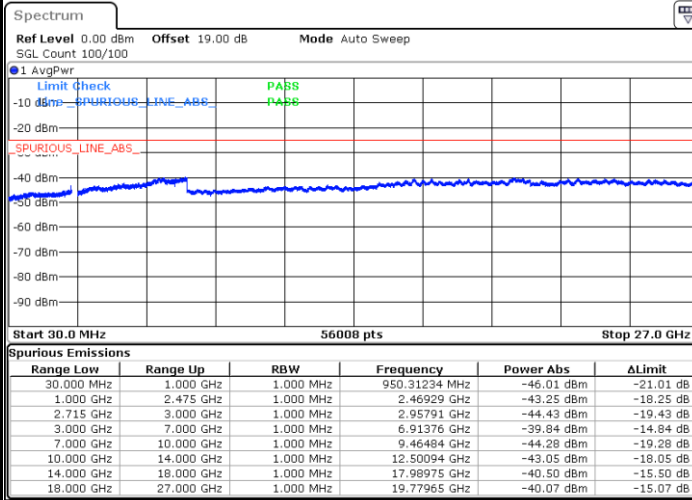


Date: 29.MAR.2022 16:21:21



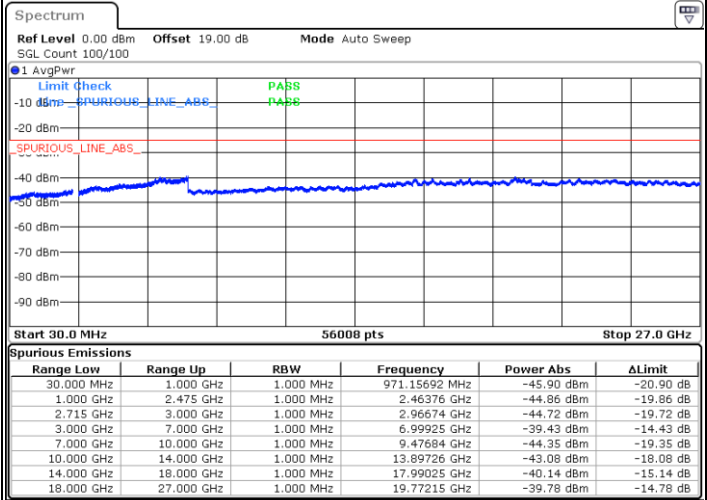
## LTE Band 41 / 5MHz

## Lowest Channel / 64QAM



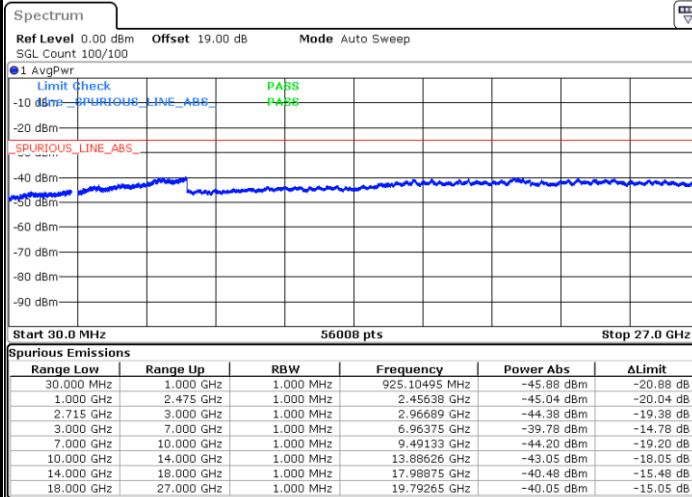
Date: 29.MAR.2022 16:56:43

## Middle Channel / 64QAM



Date: 29.MAR.2022 16:57:55

## Highest Channel / 64QAM

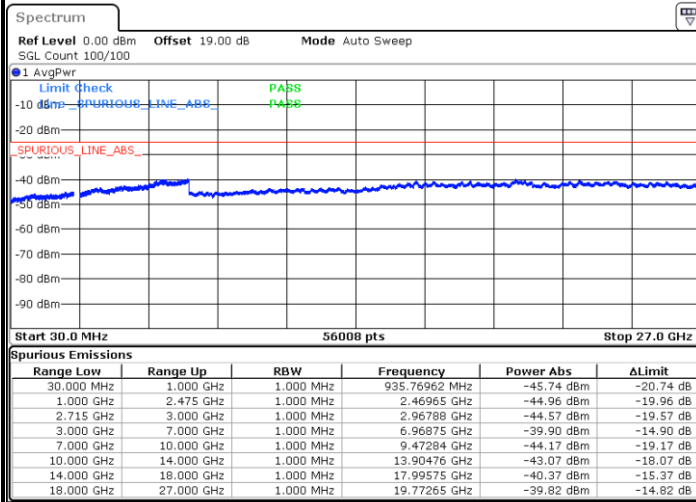


Date: 29.MAR.2022 16:59:07



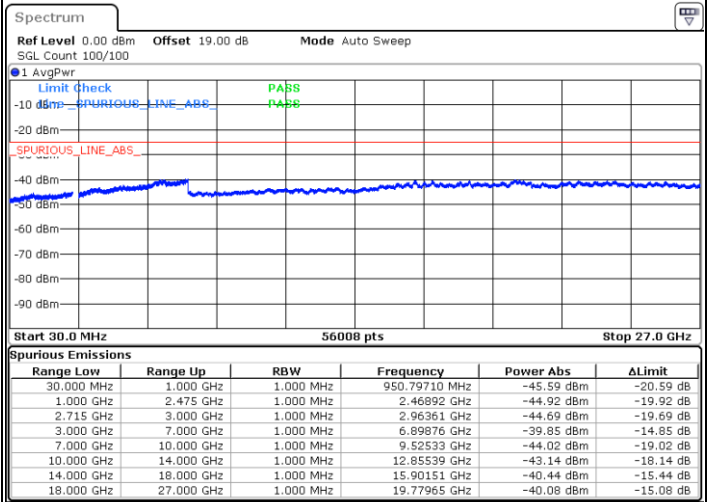
## LTE Band 41 / 10MHz

## Lowest Channel / 64QAM



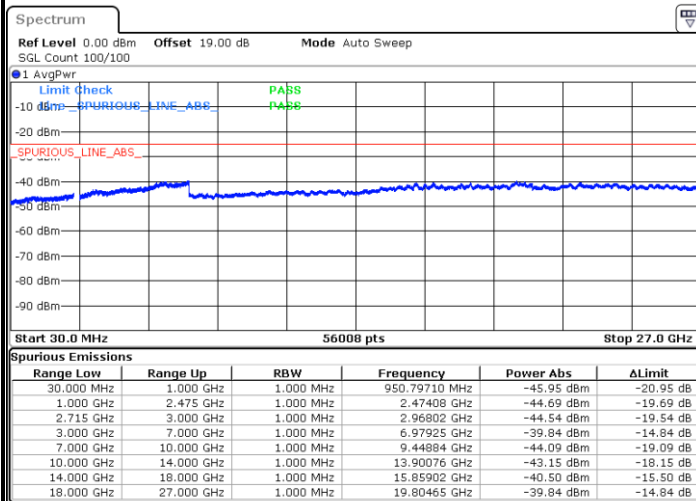
Date: 29.MAR.2022 17:00:20

## Middle Channel / 64QAM



Date: 29.MAR.2022 17:01:32

## Highest Channel / 64QAM

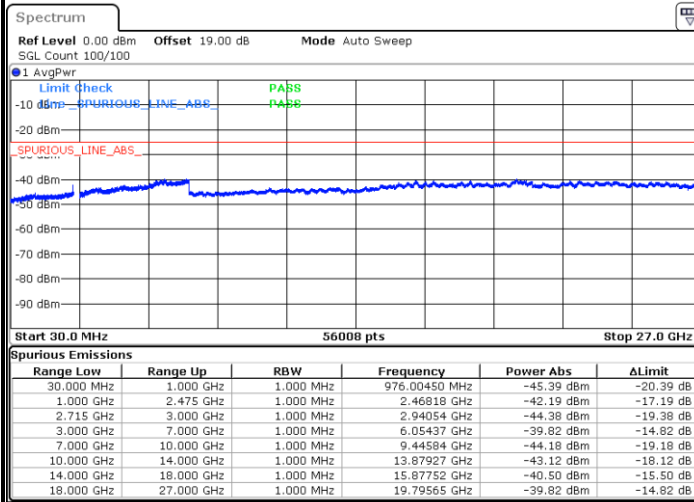


Date: 29.MAR.2022 17:02:45



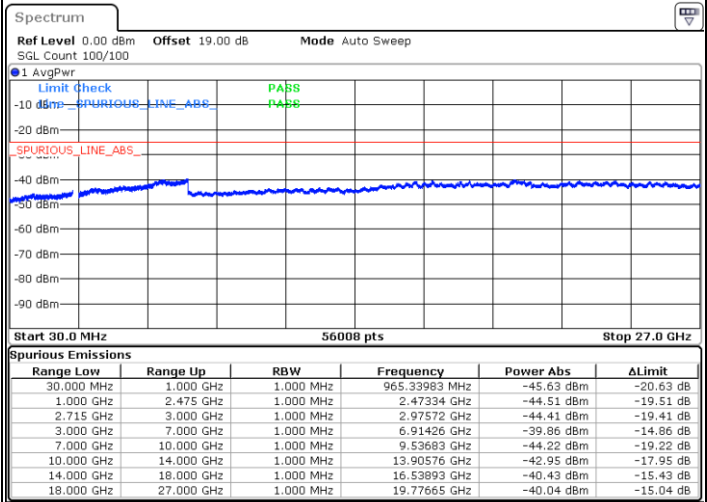
## LTE Band 41 / 15MHz

## Lowest Channel / 64QAM



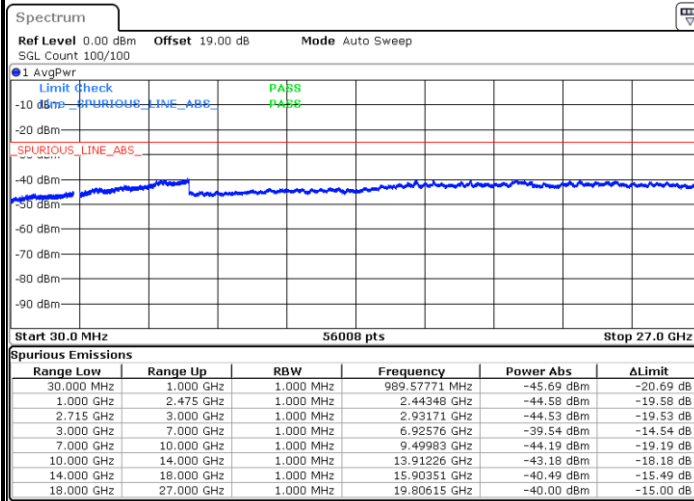
Date: 29.MAR.2022 17:03:58

## Middle Channel / 64QAM



Date: 29.MAR.2022 17:05:10

## Highest Channel / 64QAM

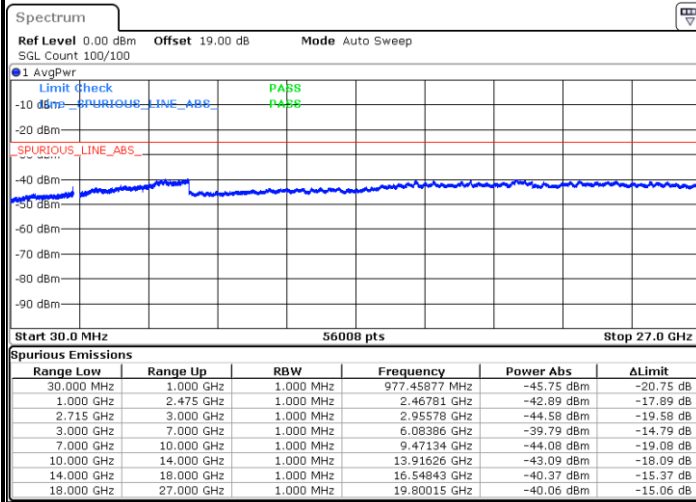


Date: 29.MAR.2022 17:06:22



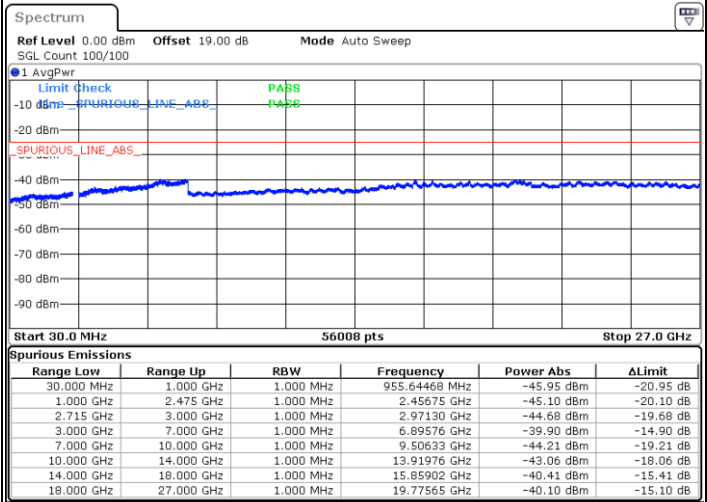
## LTE Band 41 / 20MHz

## Lowest Channel / 64QAM



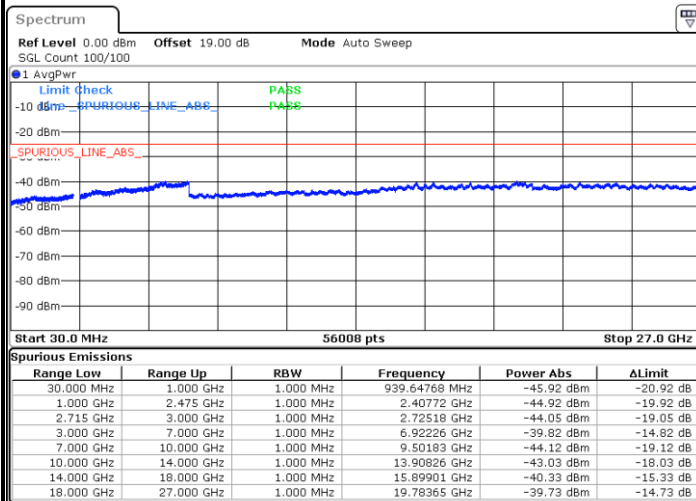
Date: 29.MAR.2022 17:07:36

## Middle Channel / 64QAM



Date: 29.MAR.2022 17:08:48

## Highest Channel / 64QAM



Date: 29.MAR.2022 17:10:00

## Frequency Stability

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0001                              | PASS    |
| 40               | Normal Voltage    | 0.0001                              |         |
| 30               | Normal Voltage    | 0.0003                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0004                              |         |
| 0                | Normal Voltage    | 0.0003                              |         |
| -10              | Normal Voltage    | 0.0009                              |         |
| -20              | Normal Voltage    | 0.0019                              |         |
| -30              | Normal Voltage    | 0.0019                              |         |
| 20               | Maximum Voltage   | 0.0000                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0002                              |         |

**Note:**

1. Normal Voltage =7.78 V. ; Battery End Point (BEP) =7.3 V. ; Maximum Voltage =8.7 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## LTE Band 7C

## 26dB Bandwidth

| Mode       | LTE Band 7C : 26dB BW(MHz) |             |             |             |
|------------|----------------------------|-------------|-------------|-------------|
| QPSK       |                            |             |             |             |
| BW         | 10MHz+20MHz                | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH  | 30.09                      | 25.38       | 30.69       | 34.83       |
| Middle CH  | 29.91                      | 25.23       | 30.51       | 34.90       |
| Highest CH | 29.85                      | 25.18       | 30.57       | 34.90       |
| BW         | 20MHz+10MHz                | 20MHz+15MHz | 20MHz+20MHz | N/A         |
| Lowest CH  | 30.39                      | 34.90       | 40.44       | -           |
| Middle CH  | 29.97                      | 35.11       | 39.72       | -           |
| Highest CH | 30.15                      | 35.18       | 39.88       | -           |

| Mode       | LTE Band 7C : 26dB BW(MHz) |             |             |             |
|------------|----------------------------|-------------|-------------|-------------|
| 16QAM      |                            |             |             |             |
| BW         | 10MHz+20MHz                | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH  | 29.73                      | 25.13       | 30.63       | 34.90       |
| Middle CH  | 29.79                      | 25.18       | 30.63       | 34.90       |
| Highest CH | 29.79                      | 25.28       | 30.57       | 34.90       |
| BW         | 20MHz+10MHz                | 20MHz+15MHz | 20MHz+20MHz | N/A         |
| Lowest CH  | 29.97                      | 35.11       | 39.88       | -           |
| Middle CH  | 29.97                      | 35.25       | 39.80       | -           |
| Highest CH | 30.15                      | 34.76       | 39.80       | -           |

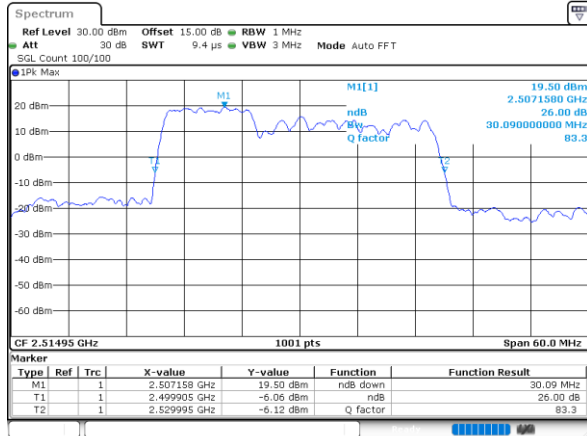
| Mode       | LTE Band 7C : 26dB BW(MHz) |             |             |             |
|------------|----------------------------|-------------|-------------|-------------|
| 64QAM      |                            |             |             |             |
| BW         | 10MHz+20MHz                | 15MHz+10MHz | 15MHz+15MHz | 15MHz+20MHz |
| Lowest CH  | 29.79                      | 25.33       | 30.69       | 34.76       |
| Middle CH  | 29.79                      | 25.23       | 30.69       | 34.83       |
| Highest CH | 29.97                      | 25.28       | 30.45       | 34.83       |
| BW         | 20MHz+10MHz                | 20MHz+15MHz | 20MHz+20MHz | N/A         |
| Lowest CH  | 30.09                      | 34.97       | 40.20       | -           |
| Middle CH  | 29.91                      | 34.97       | 39.64       | -           |
| Highest CH | 30.09                      | 34.83       | 39.96       | -           |



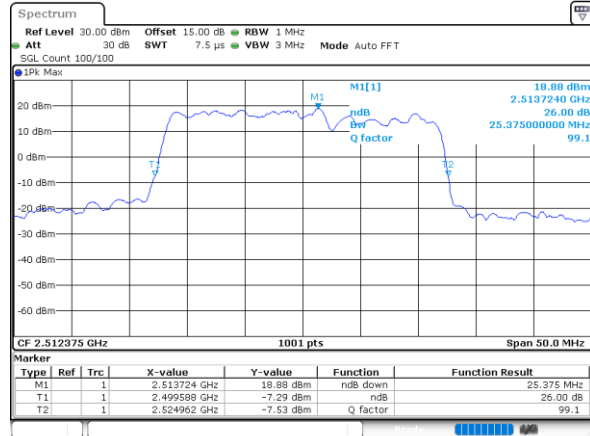
## LTE Band 7C

## QPSK

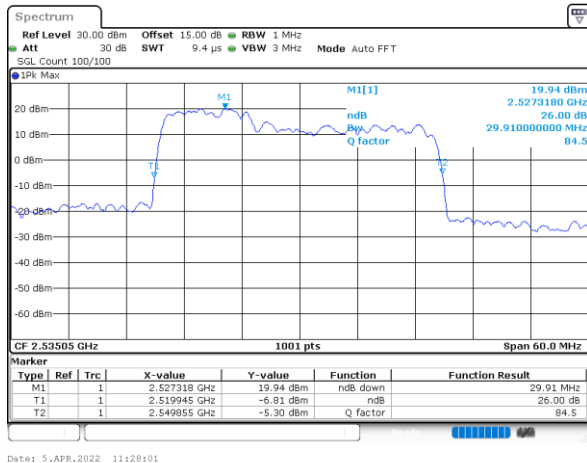
## Lowest Channel / 10MHz+20MHz



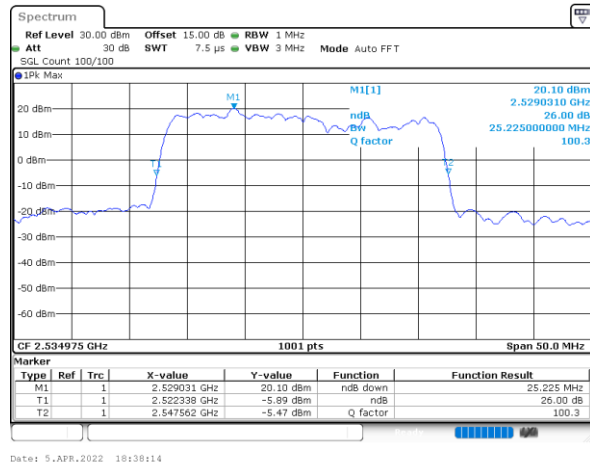
## Lowest Channel / 15MHz+10MHz



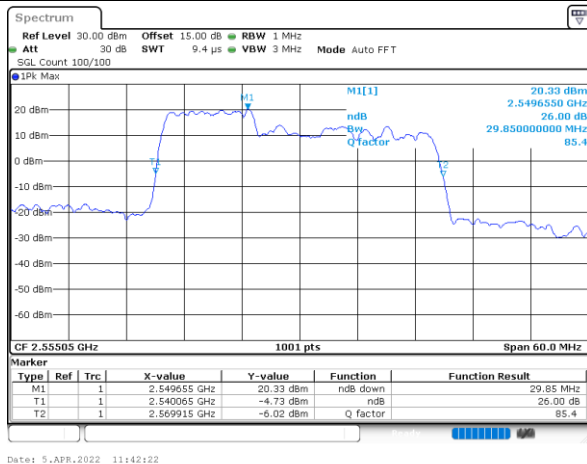
## Middle Channel / 10MHz+20MHz



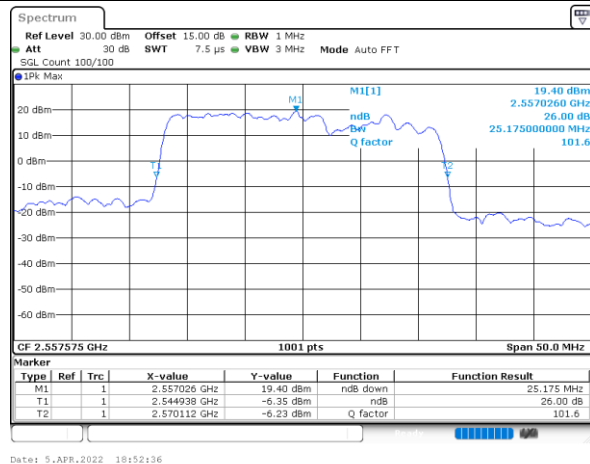
## Middle Channel / 15MHz+10MHz



## Highest Channel / 10MHz+20MHz



## Highest Channel / 15MHz+10MHz

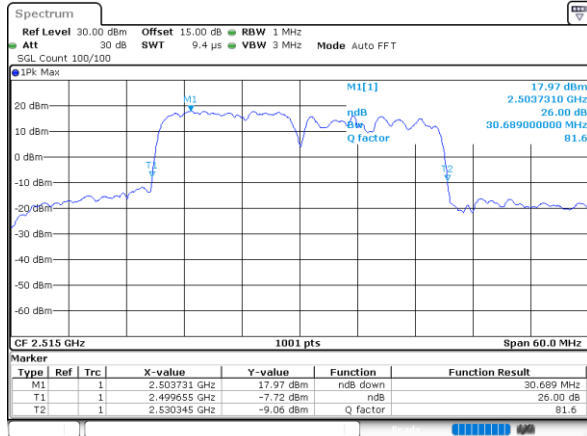




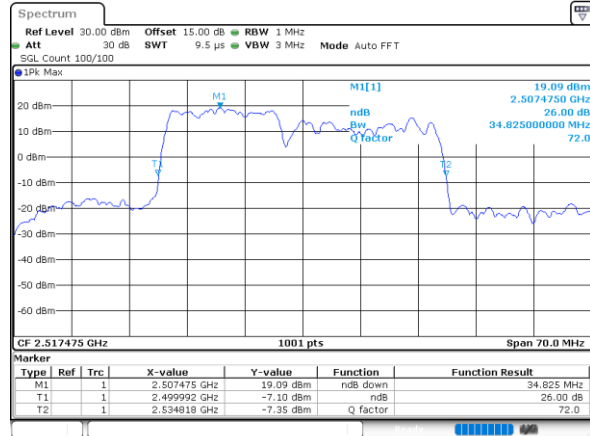
## LTE Band 7C

## QPSK

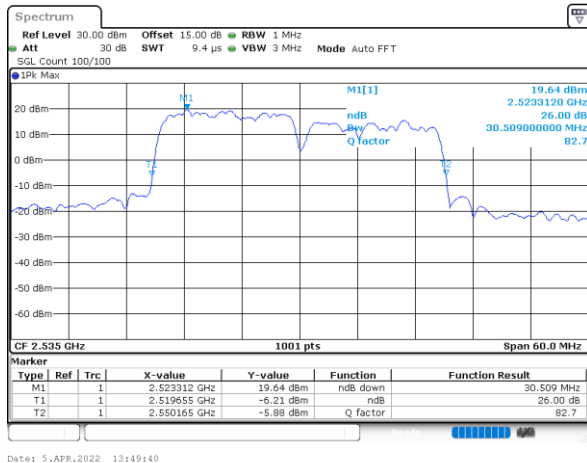
## Lowest Channel / 15MHz+15MHz



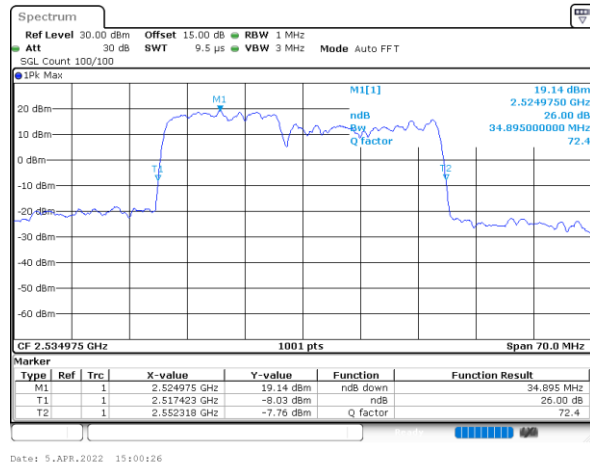
## Lowest Channel / 15MHz+20MHz



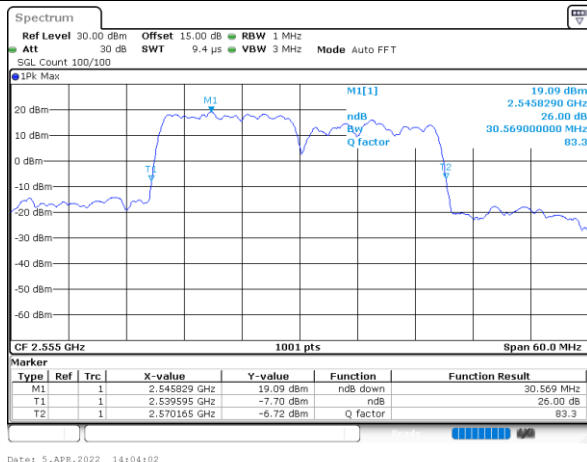
## Middle Channel / 15MHz+15MHz



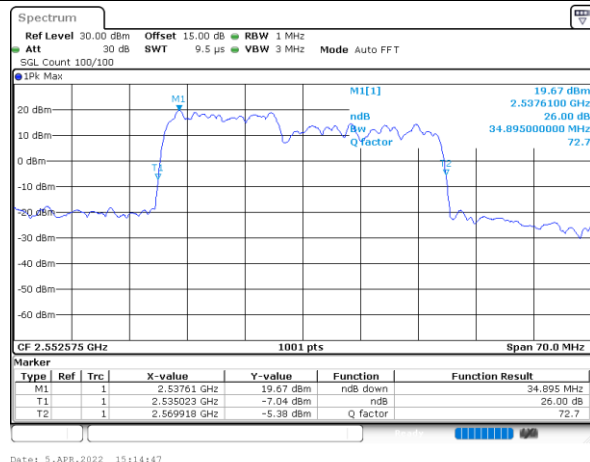
## Middle Channel / 15MHz+20MHz



## Highest Channel / 15MHz+15MHz



## Highest Channel / 15MHz+20MHz

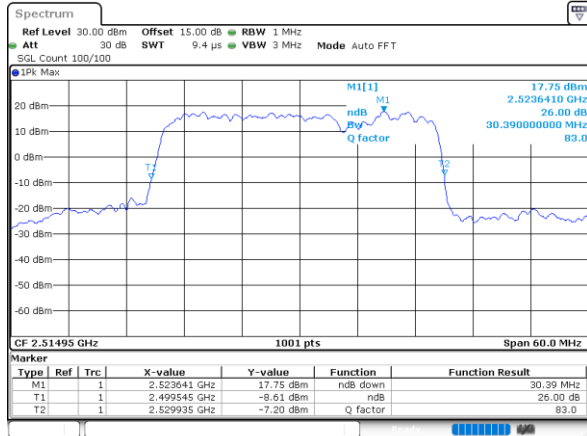




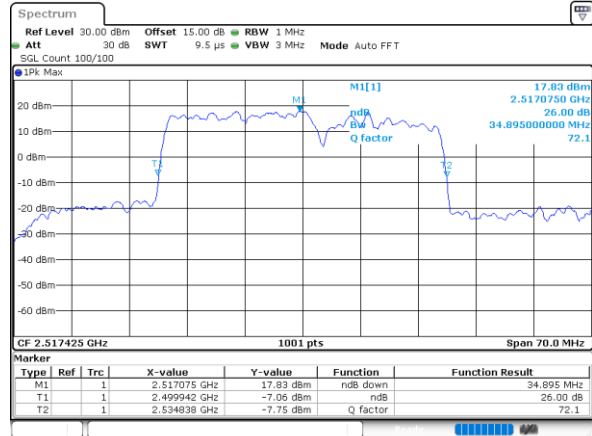
## LTE Band 7C

## QPSK

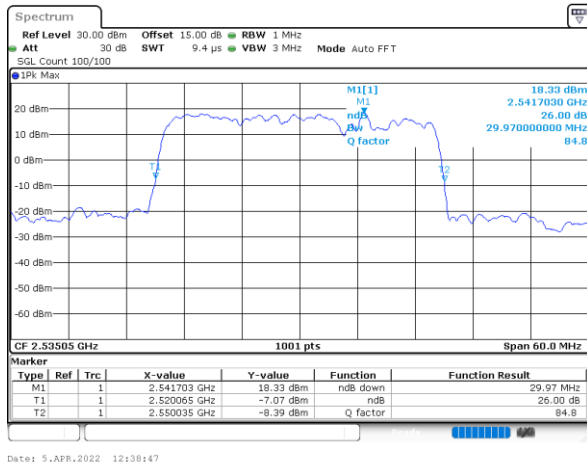
## Lowest Channel / 20MHz+10MHz



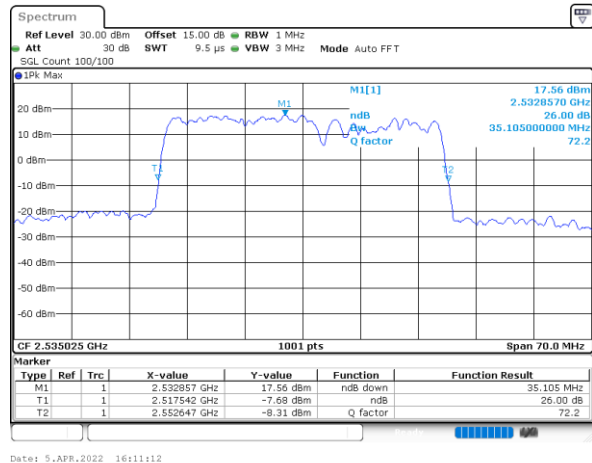
## Lowest Channel / 20MHz+15MHz



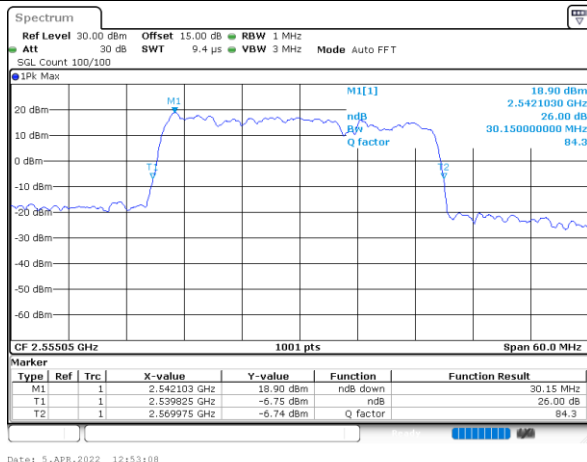
## Middle Channel / 20MHz+10MHz



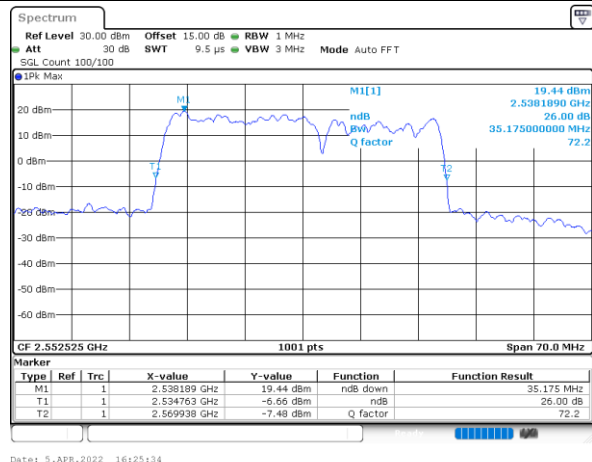
## Middle Channel / 20MHz+15MHz



## Highest Channel / 20MHz+10MHz



## Highest Channel / 20MHz+15MHz



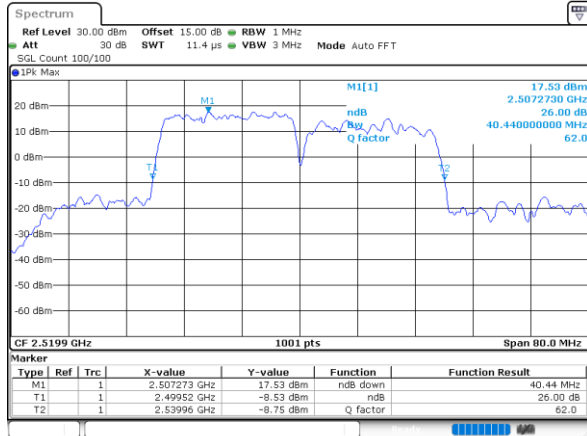


## LTE Band 7C

## QPSK

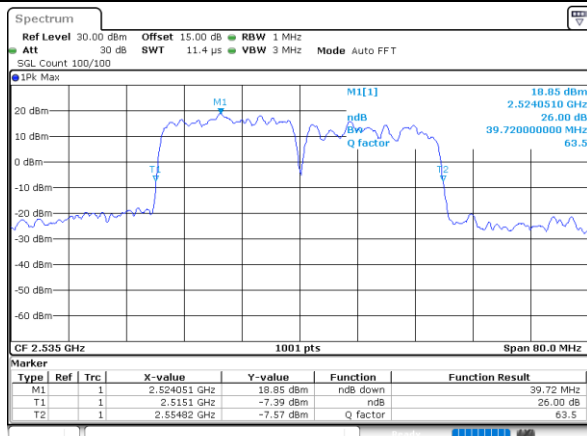
## Lowest Channel / 20MHz+20MHz

N/A



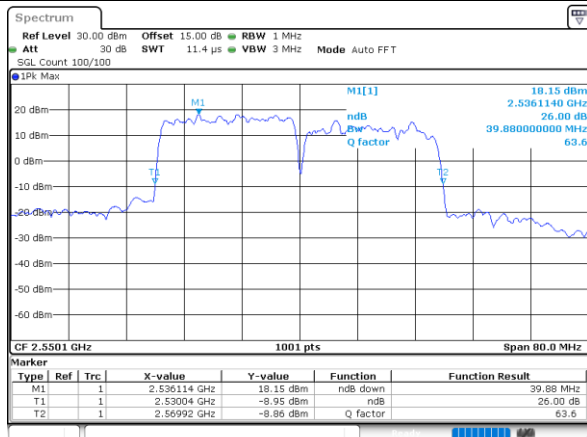
## Middle Channel / 20MHz+20MHz

N/A



## Highest Channel / 20MHz+20MHz

N/A

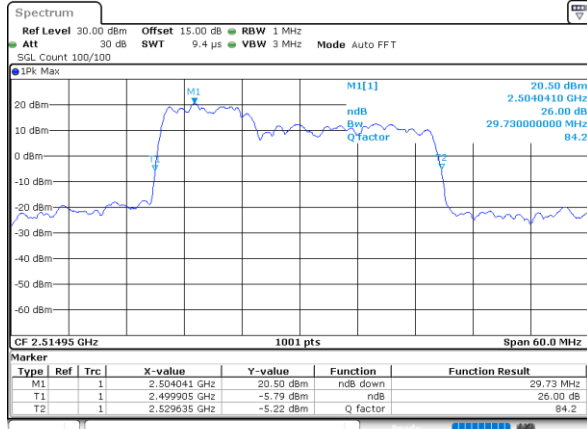




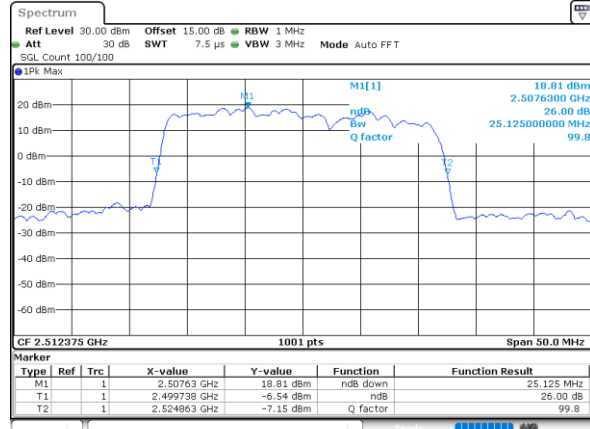
## LTE Band 7C

## 16QAM

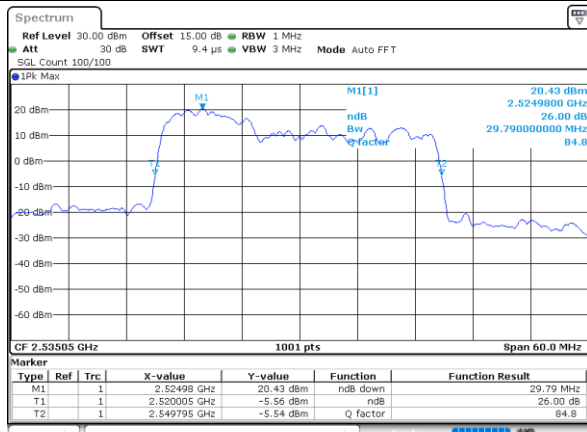
## Lowest Channel / 10MHz+20MHz



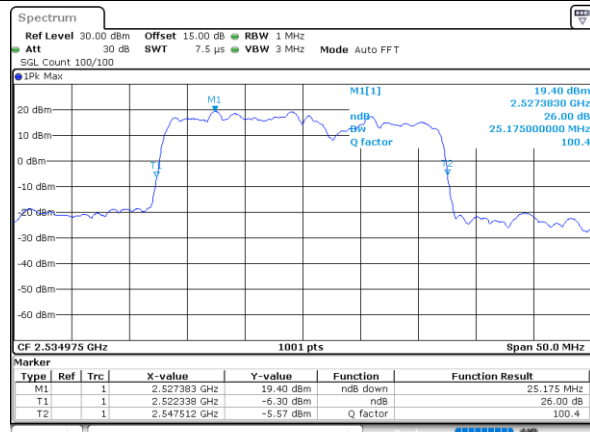
## Lowest Channel / 15MHz+10MHz



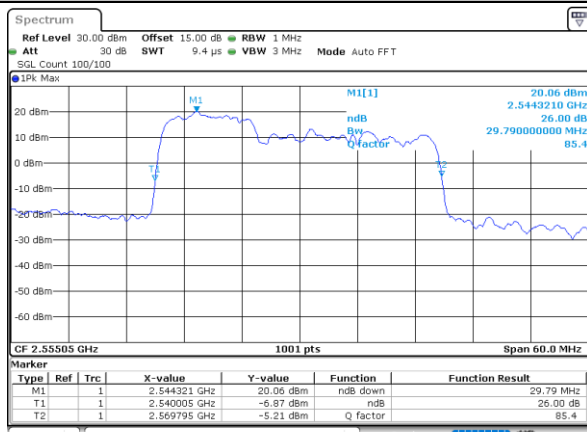
## Middle Channel / 10MHz+20MHz



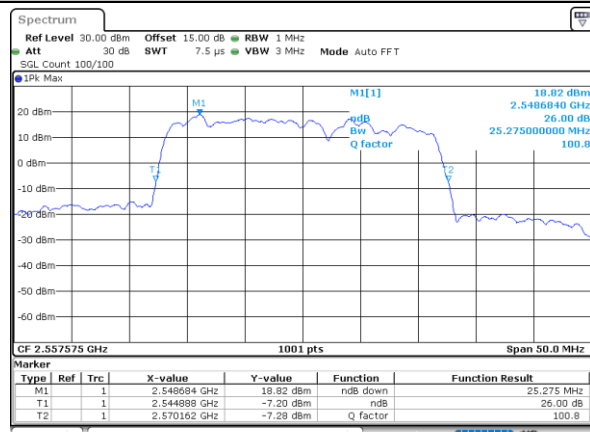
## Middle Channel / 15MHz+10MHz



## Highest Channel / 10MHz+20MHz



## Highest Channel / 15MHz+10MHz

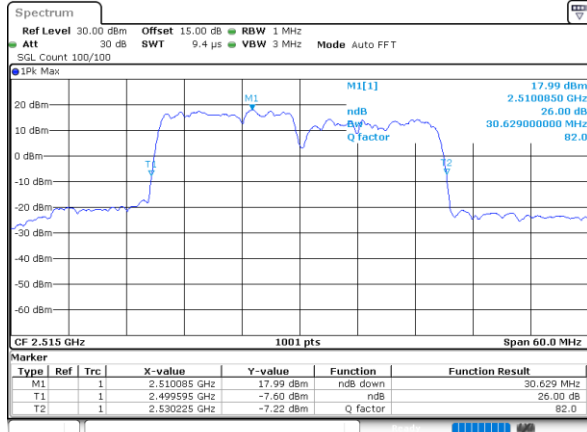




## LTE Band 7C

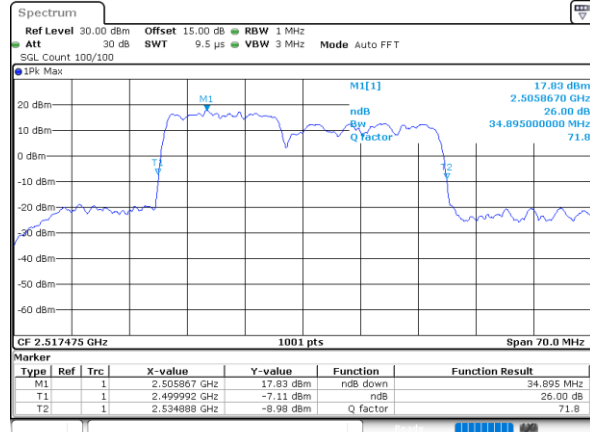
## 16QAM

## Lowest Channel / 15MHz+15MHz



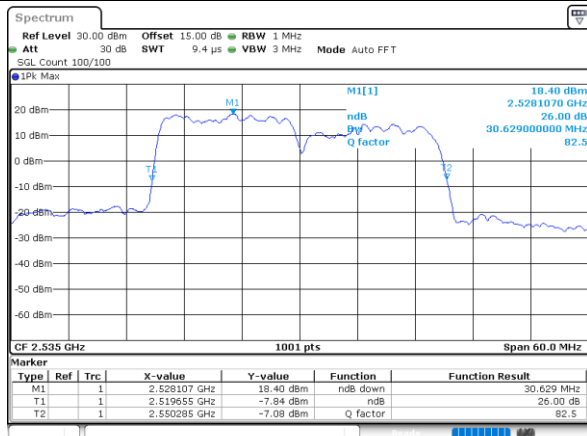
Date: 5.APR.2022 13:21:27

## Lowest Channel / 15MHz+20MHz



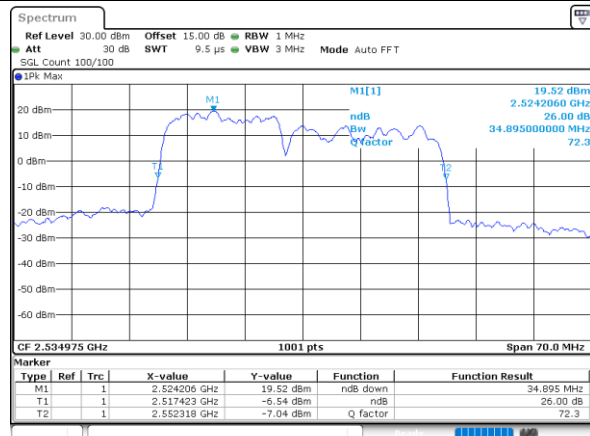
Date: 5.APR.2022 14:32:14

## Middle Channel / 15MHz+15MHz



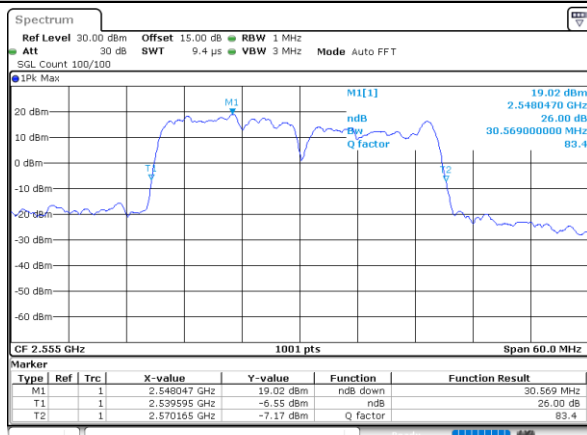
Date: 5.APR.2022 13:49:08

## Middle Channel / 15MHz+20MHz



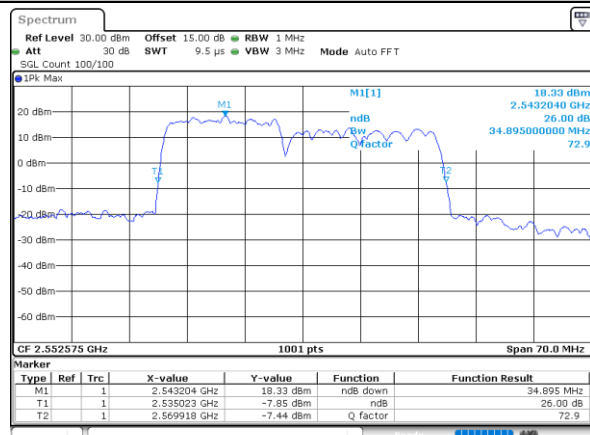
Date: 5.APR.2022 14:59:54

## Highest Channel / 15MHz+15MHz



Date: 5.APR.2022 14:04:34

## Highest Channel / 15MHz+20MHz



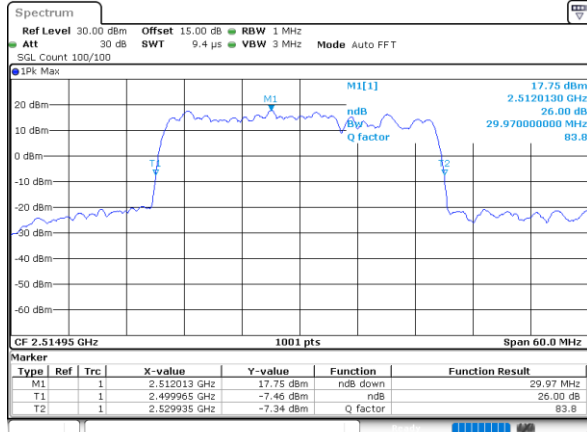
Date: 5.APR.2022 15:15:19



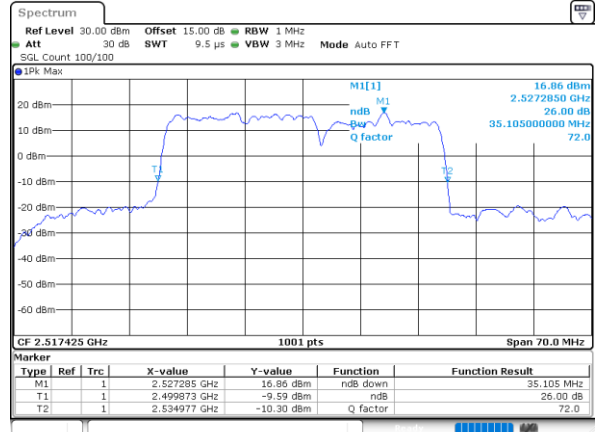
## LTE Band 7C

## 16QAM

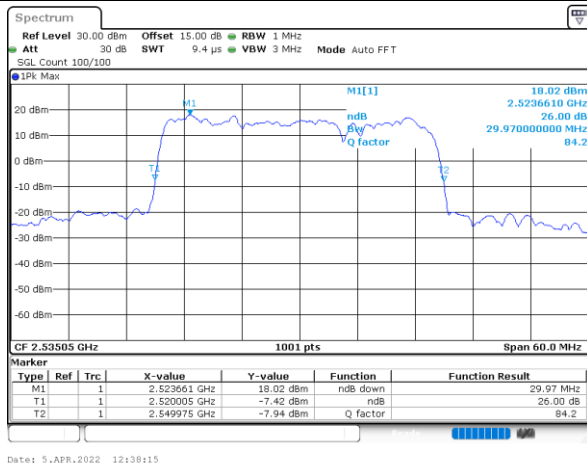
## Lowest Channel / 20MHz+10MHz



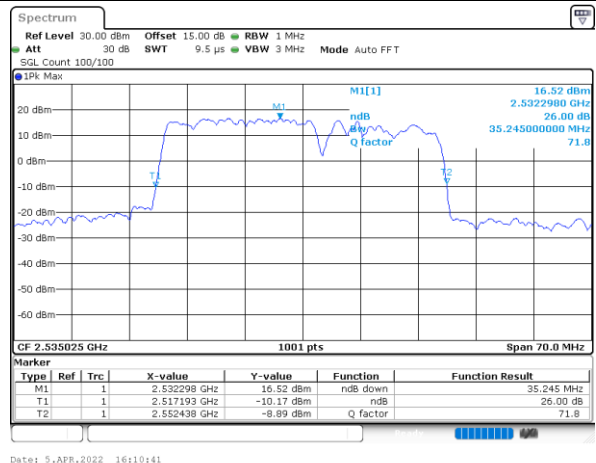
## Lowest Channel / 20MHz+15MHz



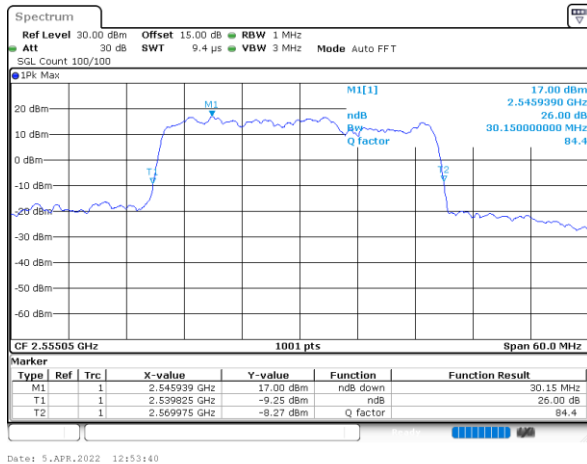
## Middle Channel / 20MHz+10MHz



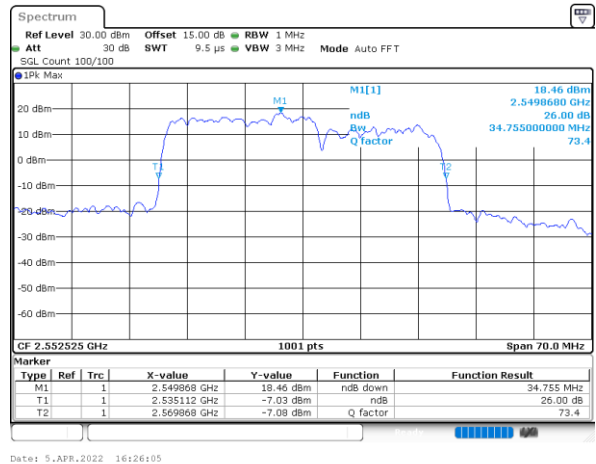
## Middle Channel / 20MHz+15MHz



## Highest Channel / 20MHz+10MHz



## Highest Channel / 20MHz+15MHz



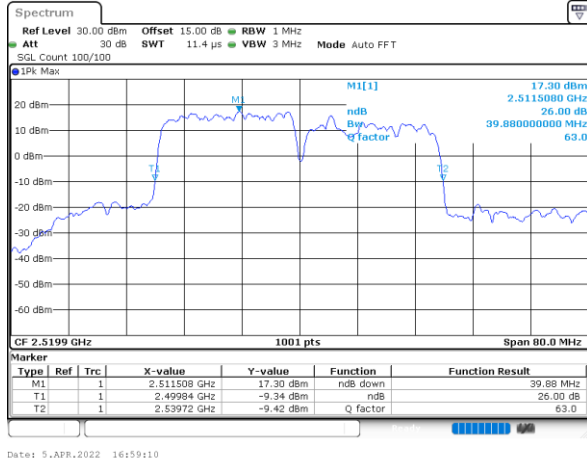


## LTE Band 7C

## 16QAM

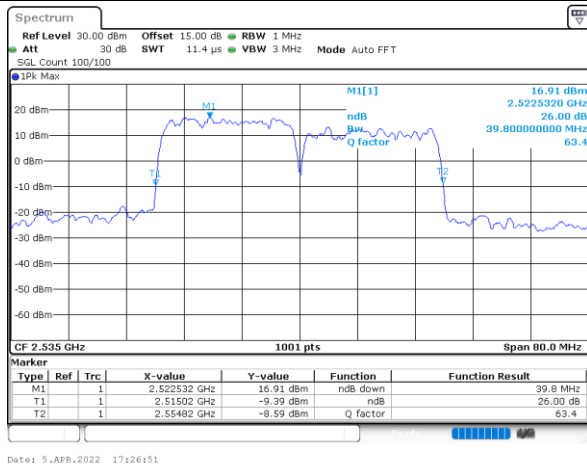
## Lowest Channel / 20MHz+20MHz

N/A



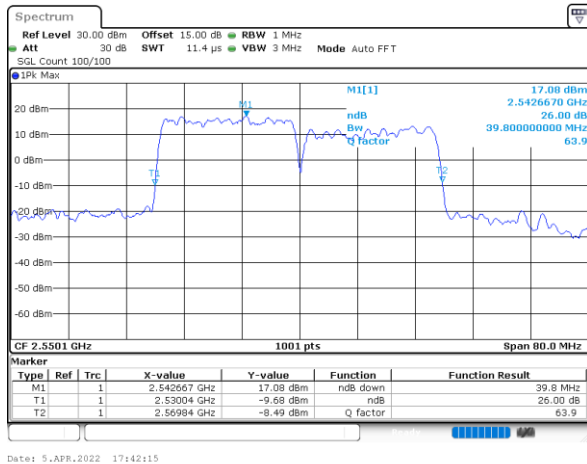
## Middle Channel / 20MHz+20MHz

N/A



## Highest Channel / 20MHz+20MHz

N/A

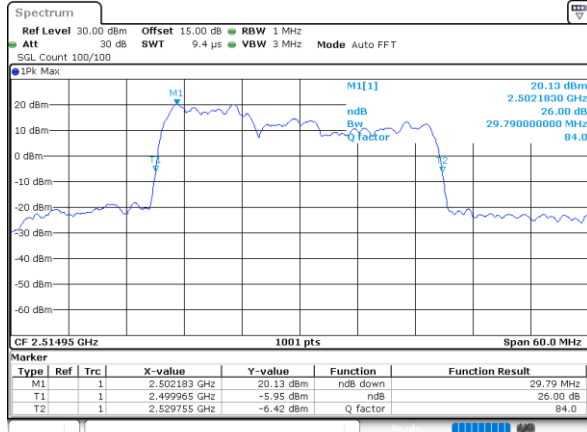




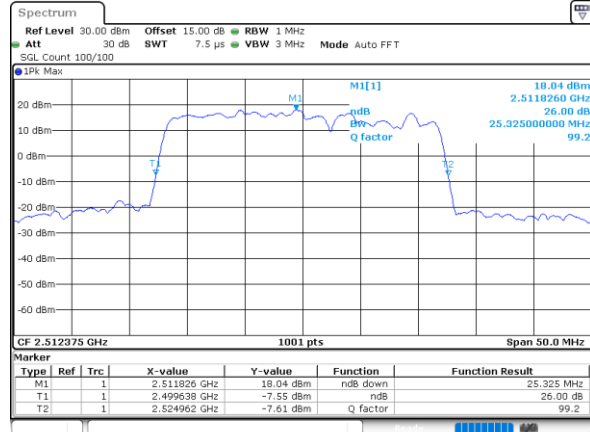
## LTE Band 7C

## 64QAM

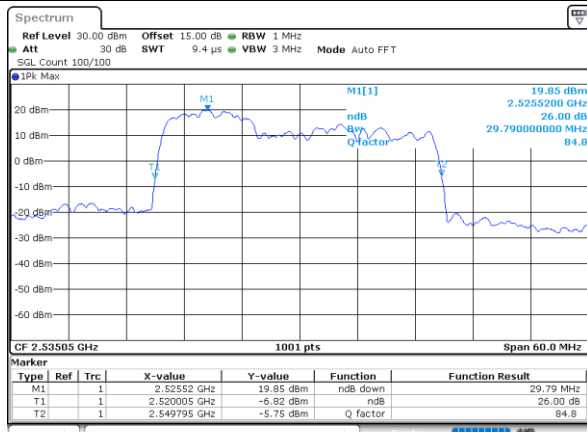
## Lowest Channel / 10MHz+20MHz



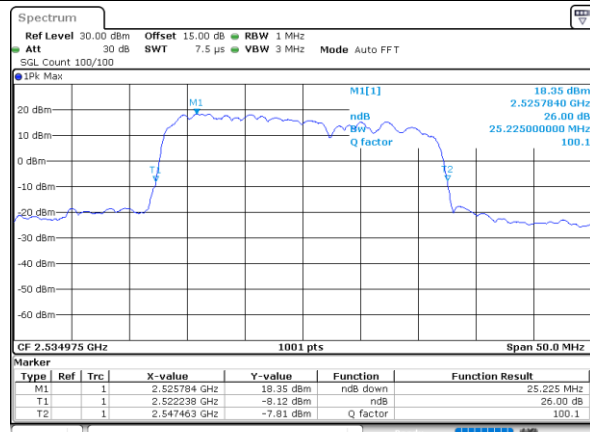
## Lowest Channel / 15MHz+10MHz



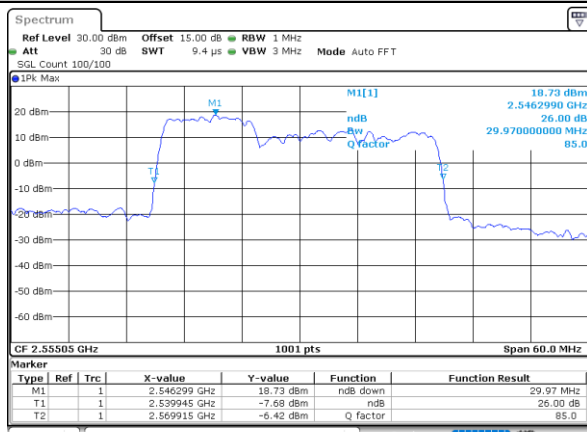
## Middle Channel / 10MHz+20MHz



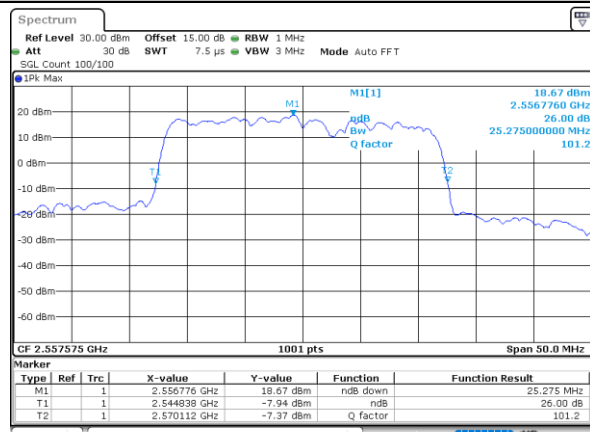
## Middle Channel / 15MHz+10MHz



## Highest Channel / 10MHz+20MHz



## Highest Channel / 15MHz+10MHz

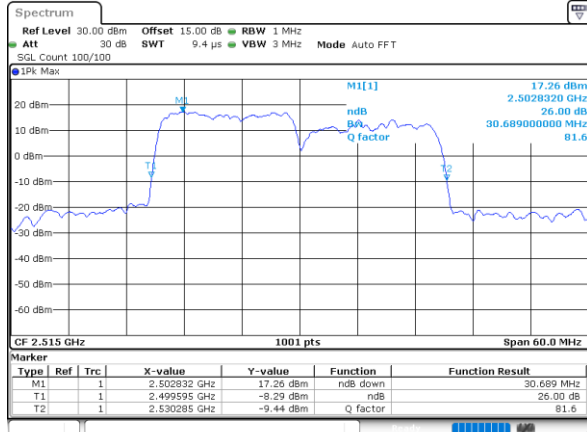




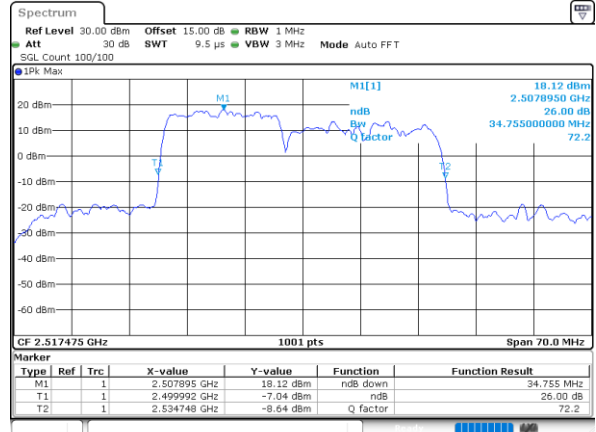
## LTE Band 7C

## 64QAM

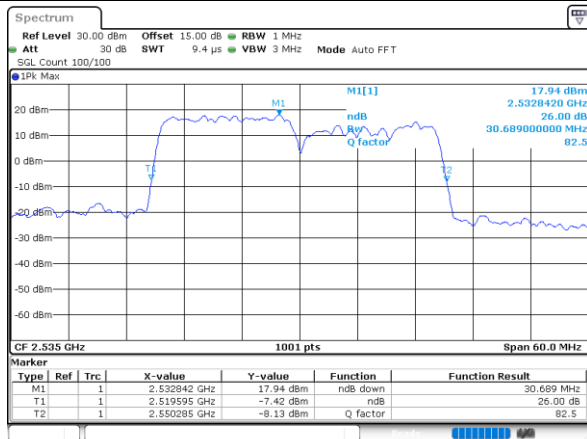
## Lowest Channel / 15MHz+15MHz



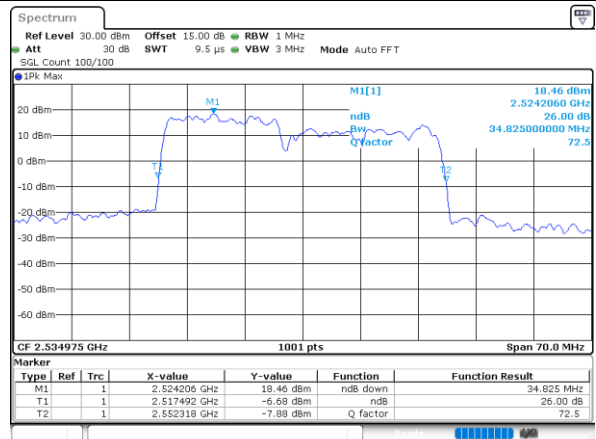
## Lowest Channel / 15MHz+20MHz



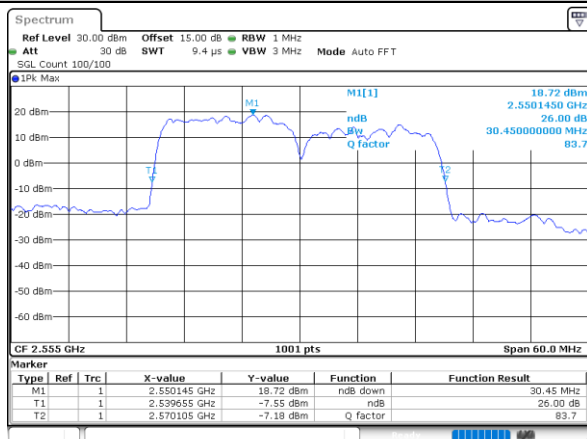
## Middle Channel / 15MHz+15MHz



## Middle Channel / 15MHz+20MHz



## Highest Channel / 15MHz+15MHz



## Highest Channel / 15MHz+20MHz

