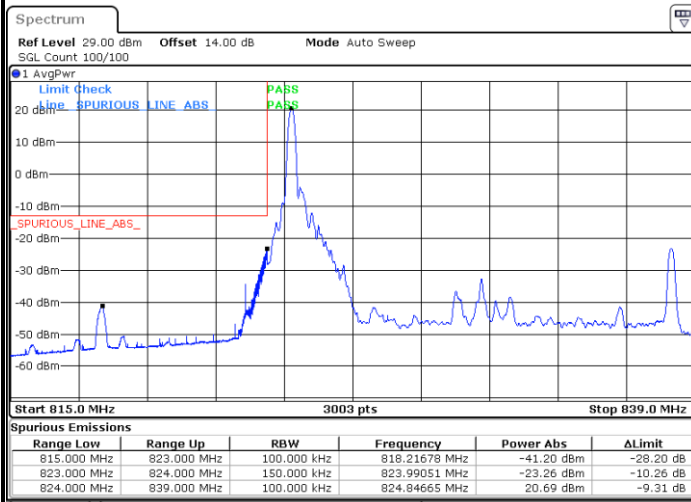


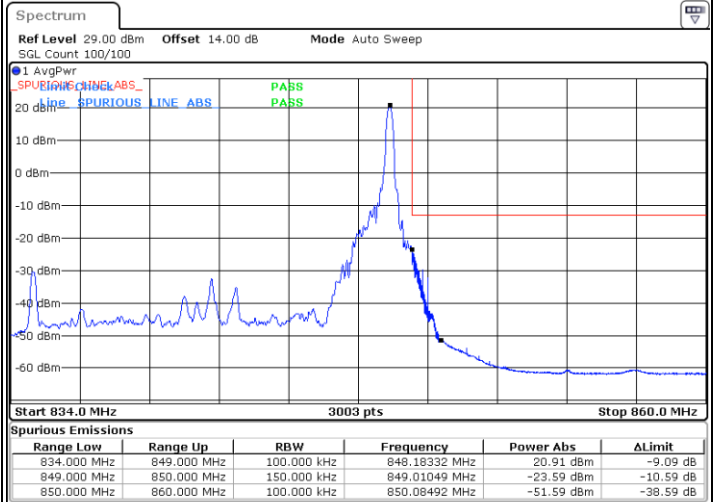


## LTE Band 26 / 15MHz / QPSK

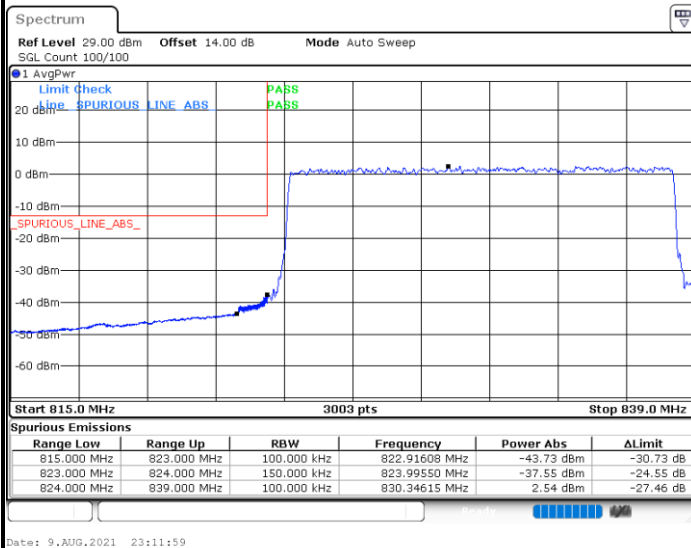
## Lowest Band Edge / 1 RB



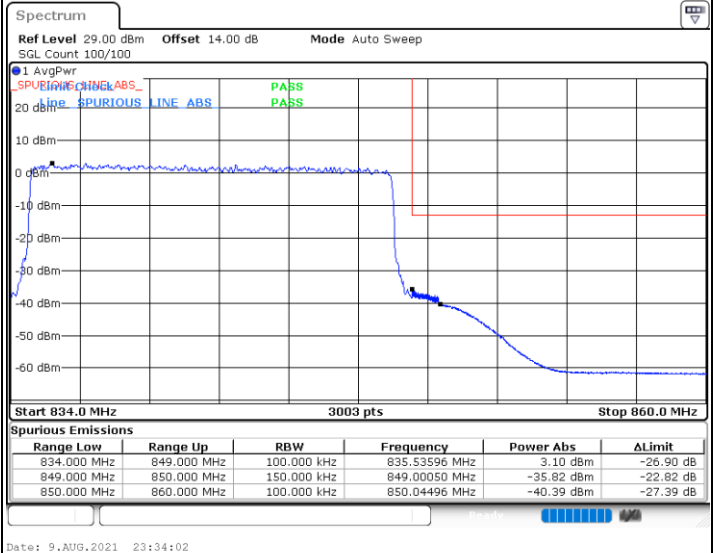
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



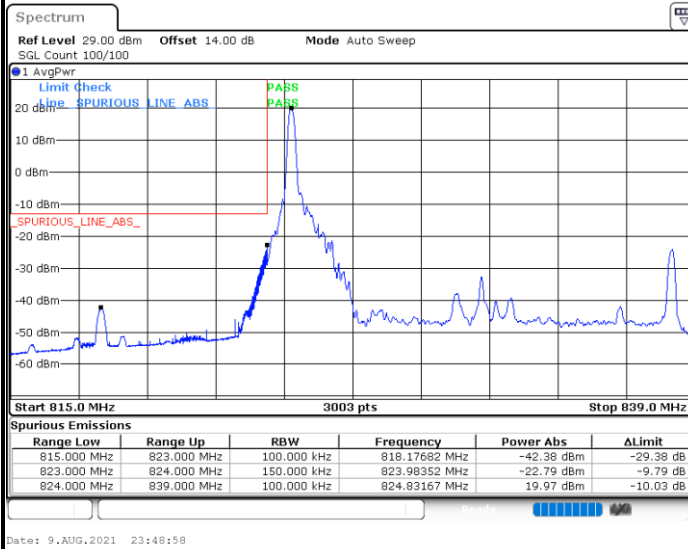
## Highest Band Edge / Full RB



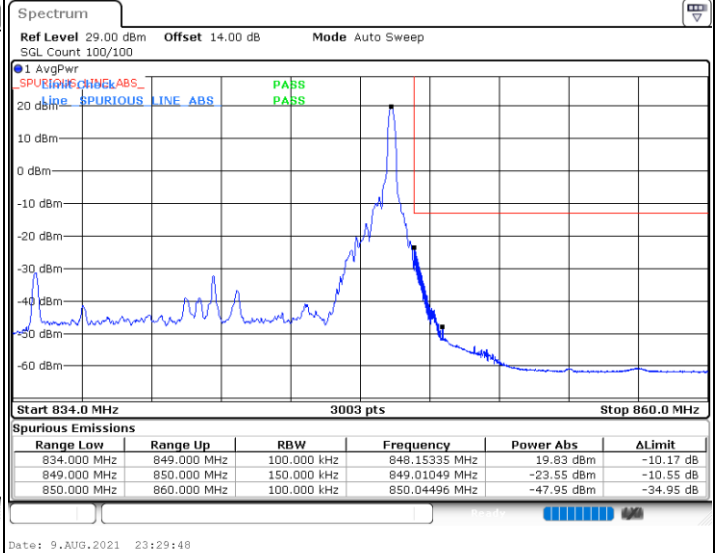


## LTE Band 26 / 15MHz / 16QAM

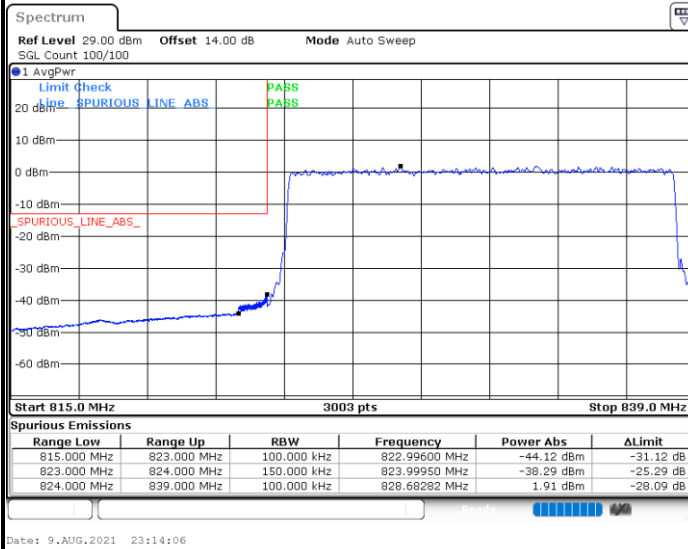
## Lowest Band Edge / 1 RB



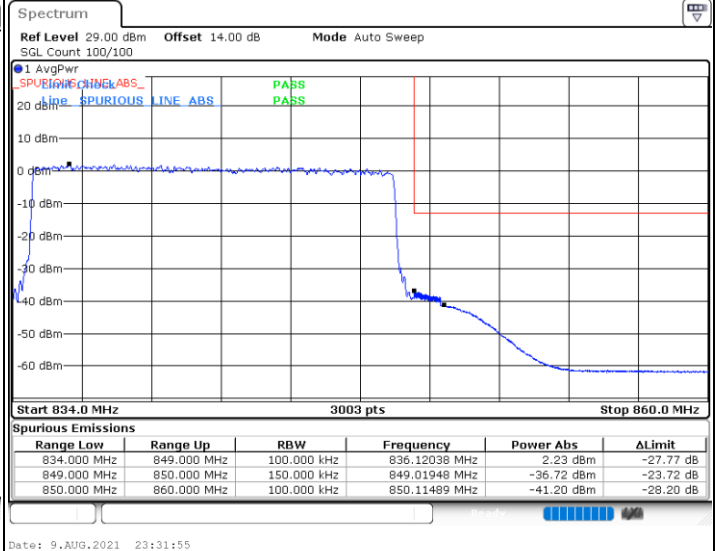
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



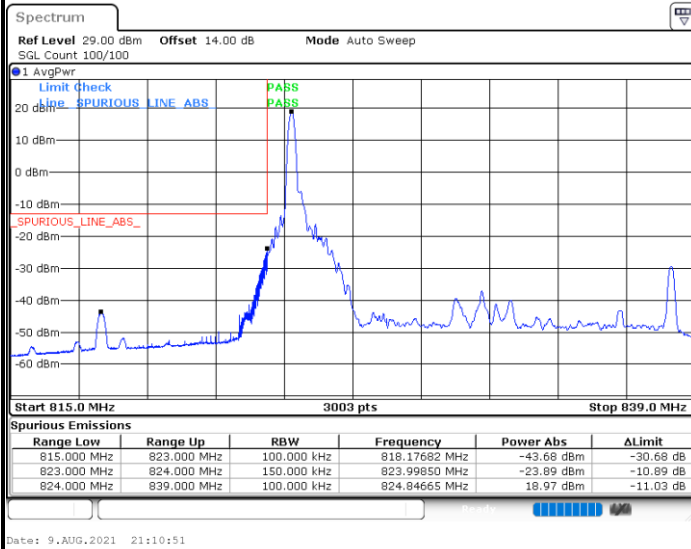
## Highest Band Edge / Full RB



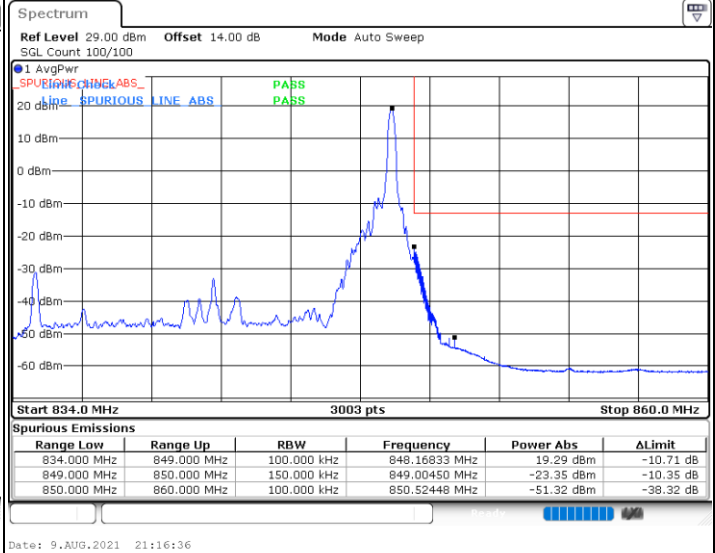


## LTE Band 26 / 15MHz / 64QAM

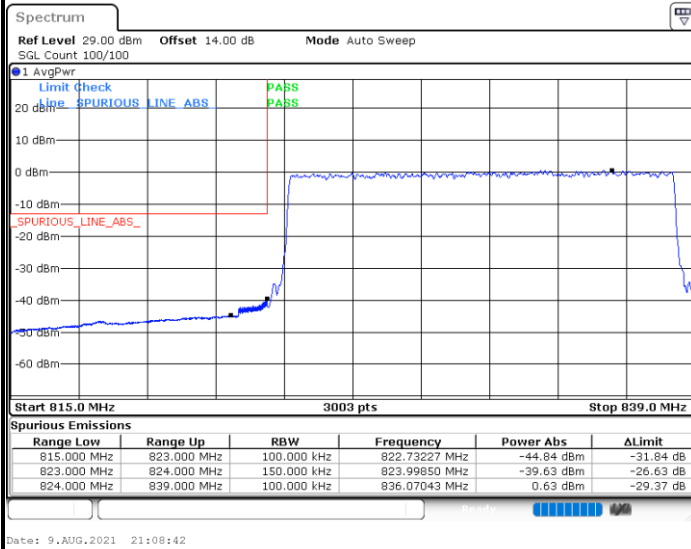
## Lowest Band Edge / 1 RB



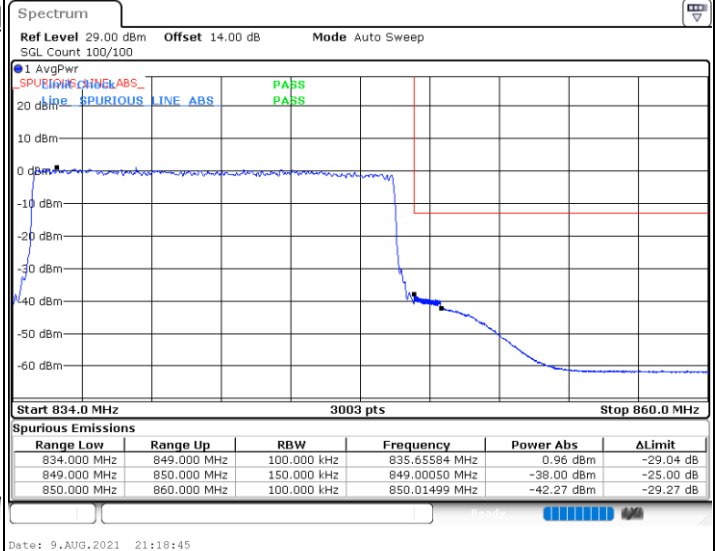
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

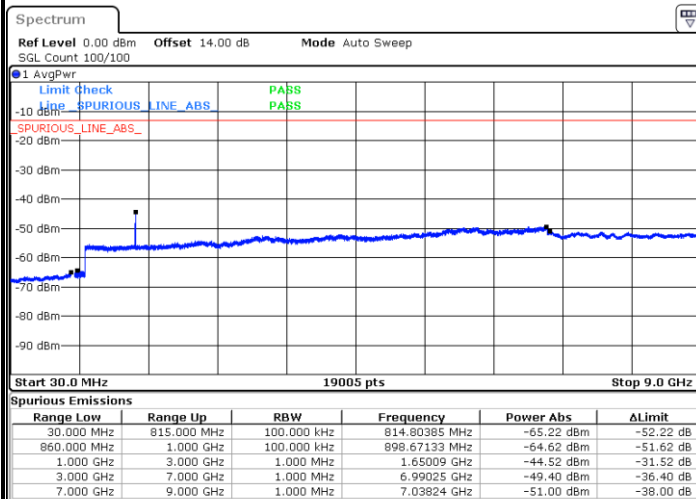




## Conducted Spurious Emission

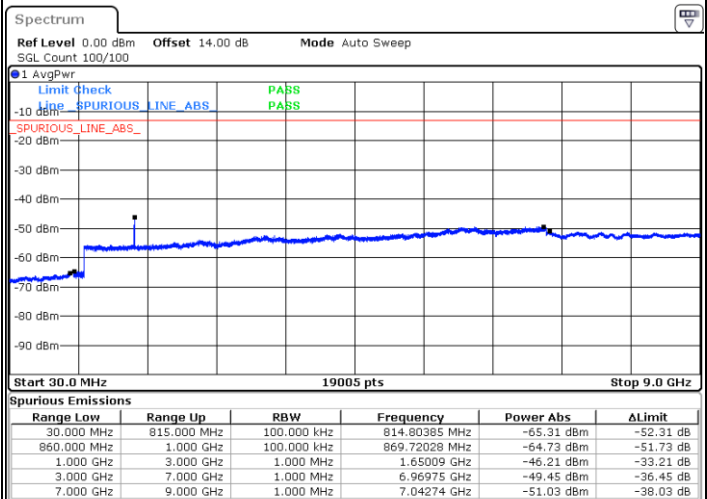
### LTE Band 26 / 1.4MHz

#### Lowest Channel / QPSK



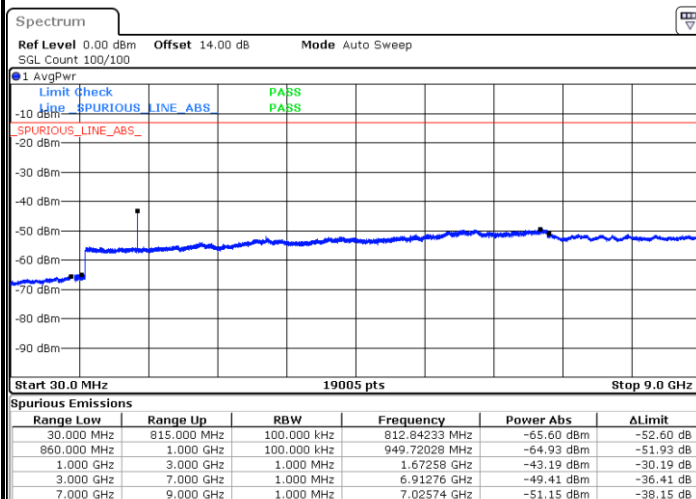
Date: 9.AUG.2021 19:54:23

#### Lowest Channel / 16QAM



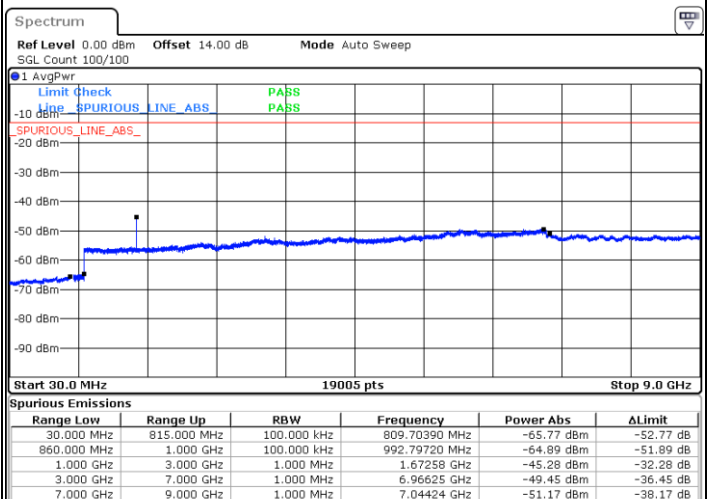
Date: 9.AUG.2021 19:55:50

#### Middle Channel / QPSK



Date: 9.AUG.2021 19:58:02

#### Middle Channel / 16QAM

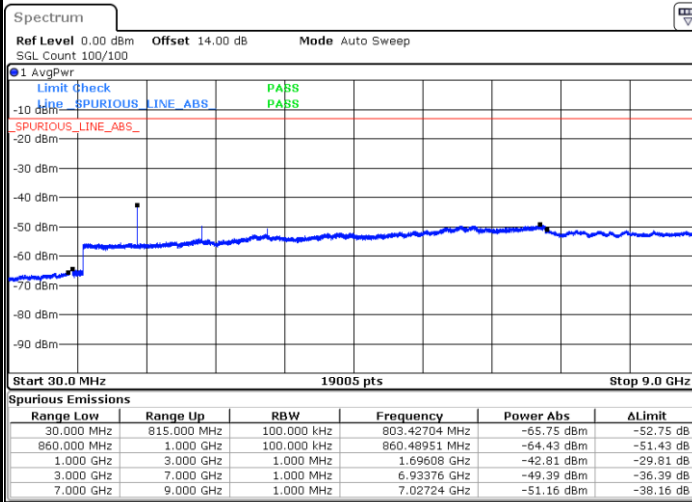


Date: 9.AUG.2021 19:59:30



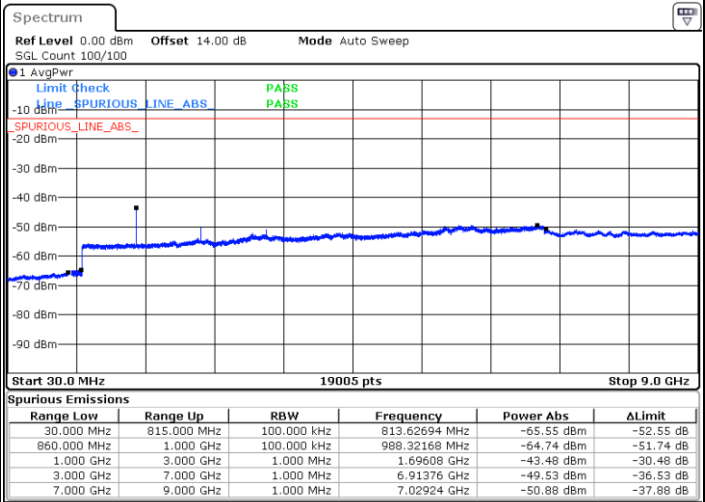
## LTE Band 26 / 1.4MHz

## Highest Channel / QPSK



Date: 9.AUG.2021 20:09:53

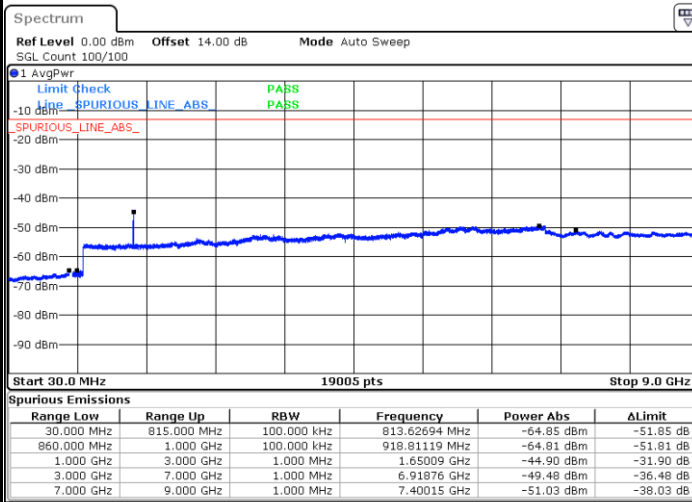
## Highest Channel / 16QAM



Date: 9.AUG.2021 20:11:20

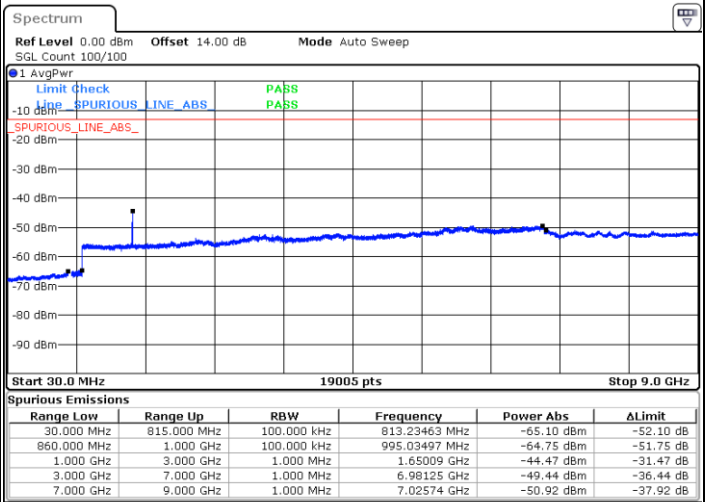
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



Date: 9.AUG.2021 21:30:36

## Lowest Channel / 16QAM

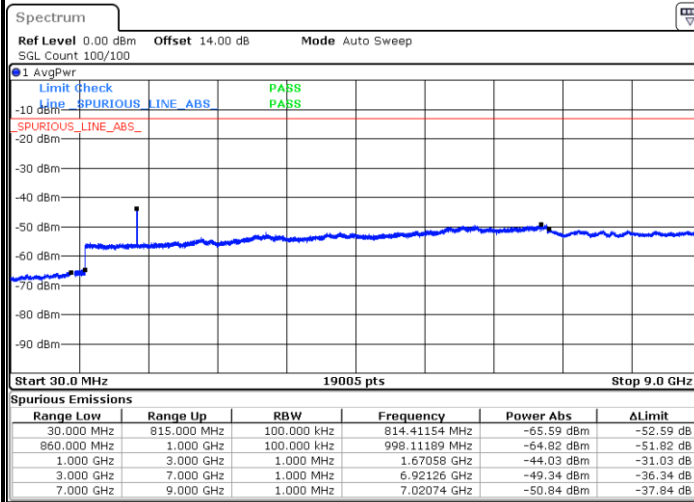


Date: 9.AUG.2021 21:32:04



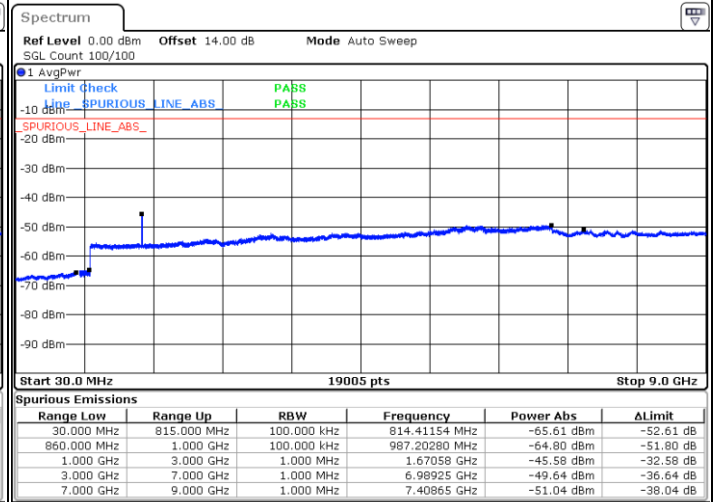
## LTE Band 26 / 3MHz

## Middle Channel / QPSK



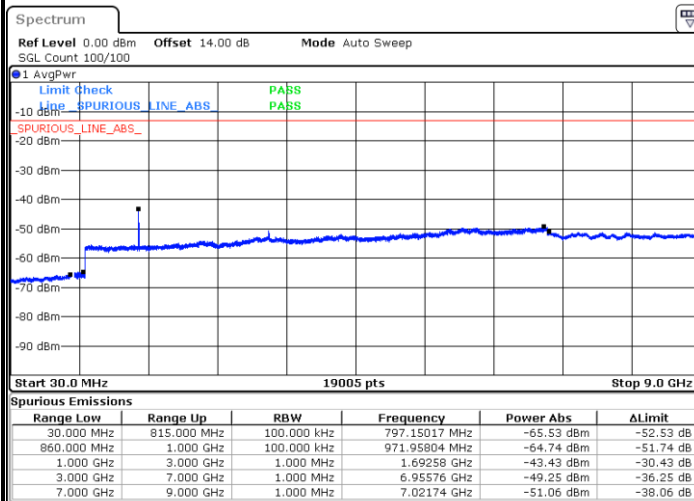
Date: 9.AUG.2021 21:34:15

## Middle Channel / 16QAM



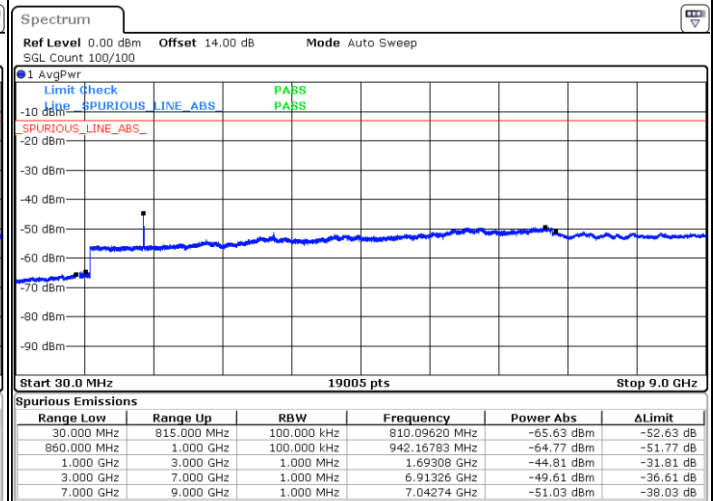
Date: 9.AUG.2021 21:35:44

## Highest Channel / QPSK



Date: 9.AUG.2021 22:12:54

## Highest Channel / 16QAM

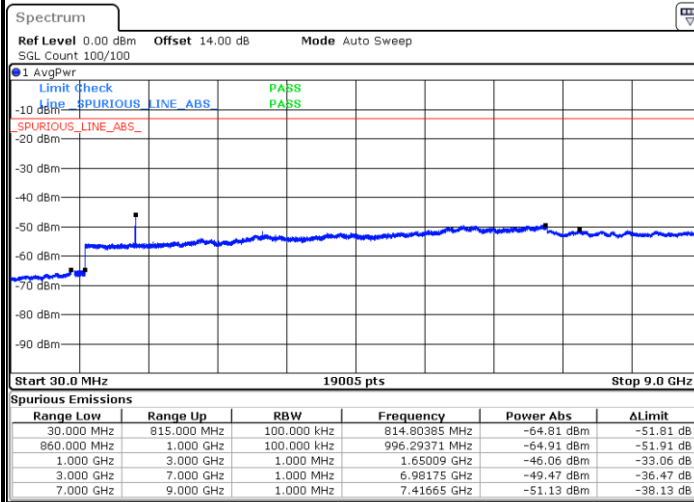


Date: 9.AUG.2021 22:14:22



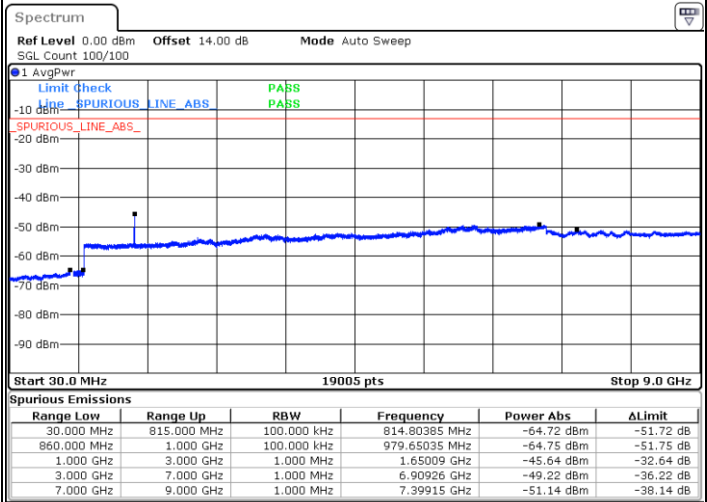
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



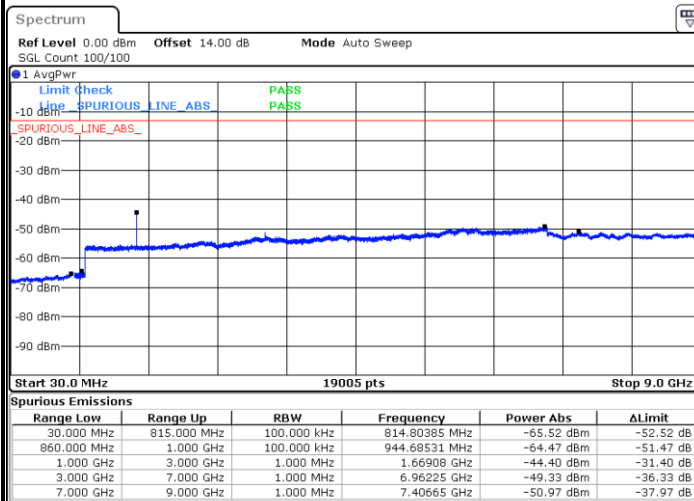
Date: 9.AUG.2021 22:24:50

## Lowest Channel / 16QAM



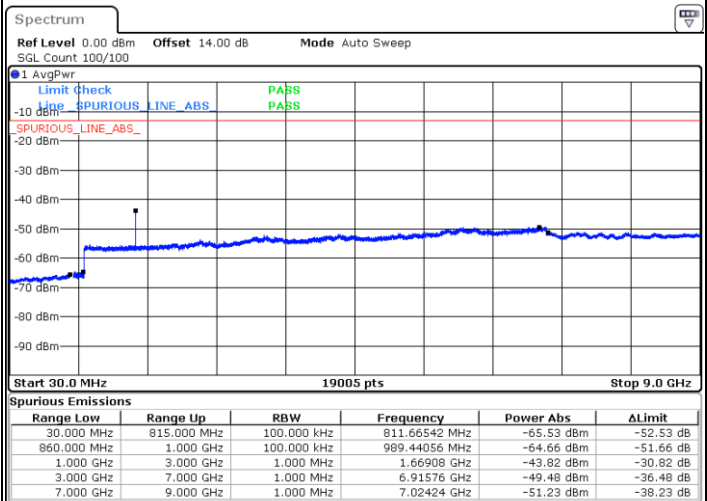
Date: 9.AUG.2021 22:26:17

## Middle Channel / QPSK



Date: 9.AUG.2021 22:28:27

## Middle Channel / 16QAM

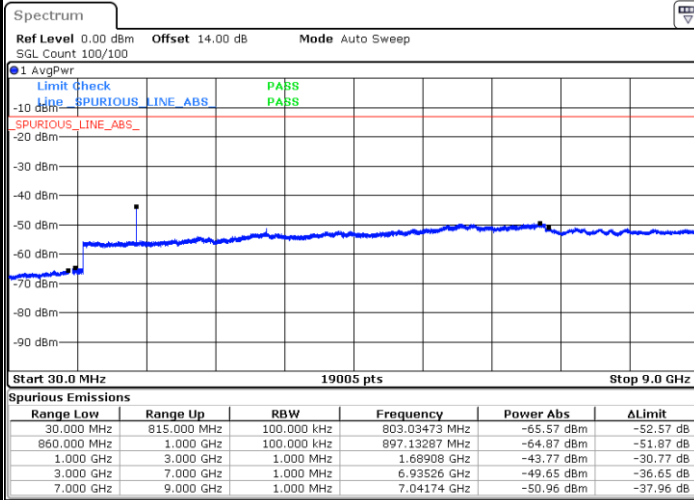


Date: 9.AUG.2021 22:29:53



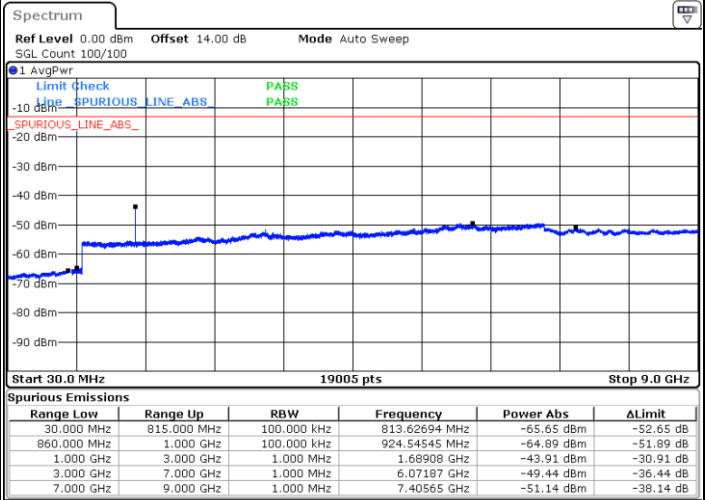
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 9.AUG.2021 22:40:17

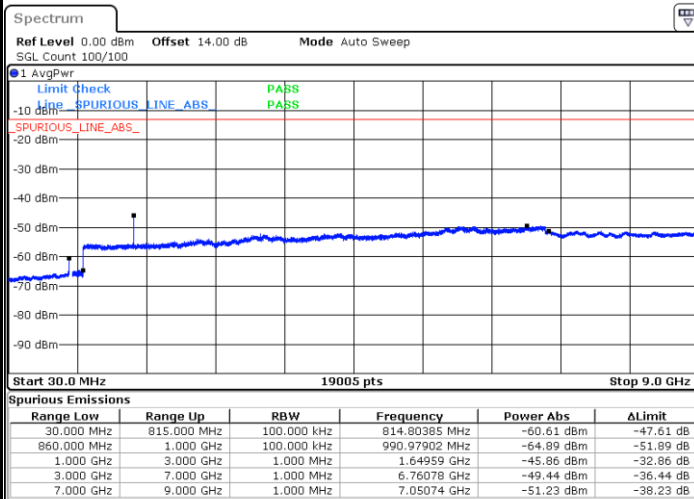
## Highest Channel / 16QAM



Date: 9.AUG.2021 22:41:44

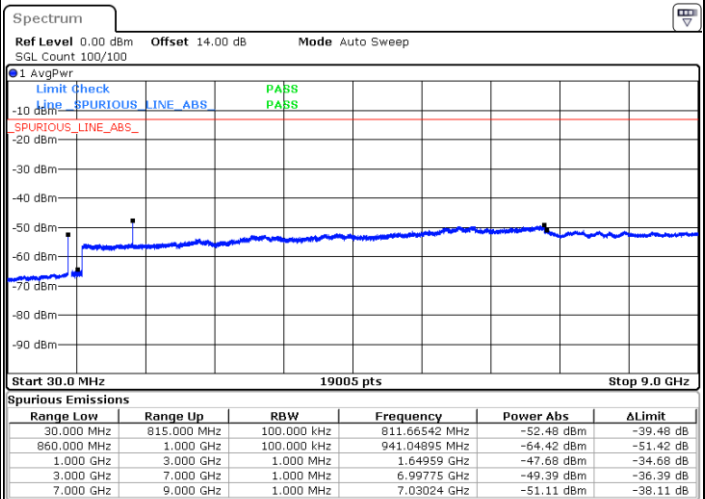
## LTE Band 26 / 10MHz

## Lowest Channel / QPSK



Date: 9.AUG.2021 22:52:09

## Lowest Channel / 16QAM

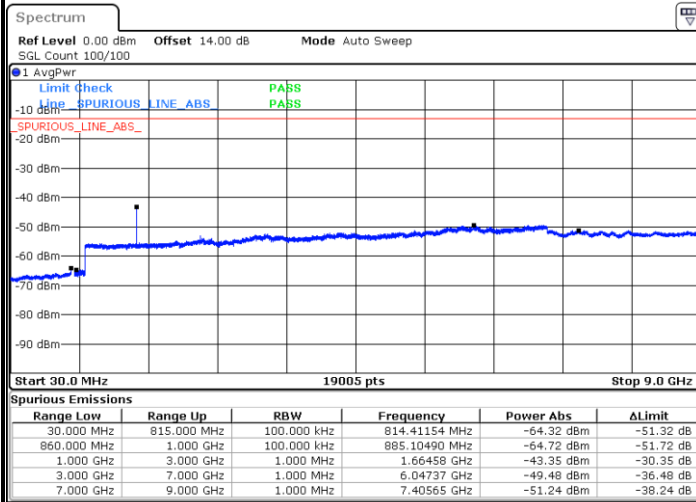


Date: 9.AUG.2021 22:53:37



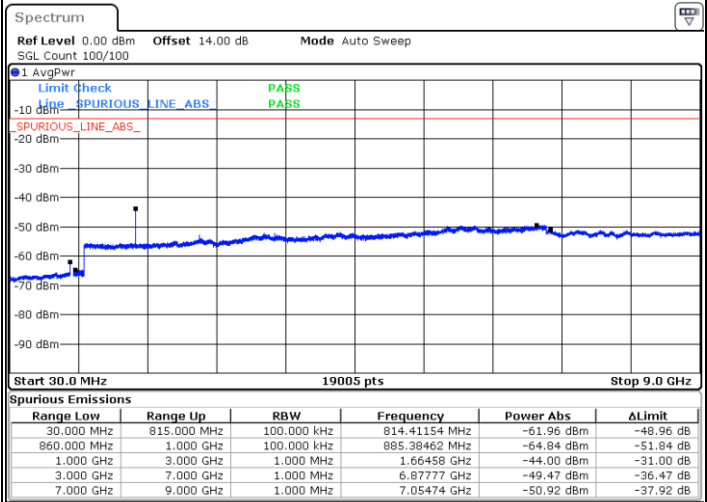
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



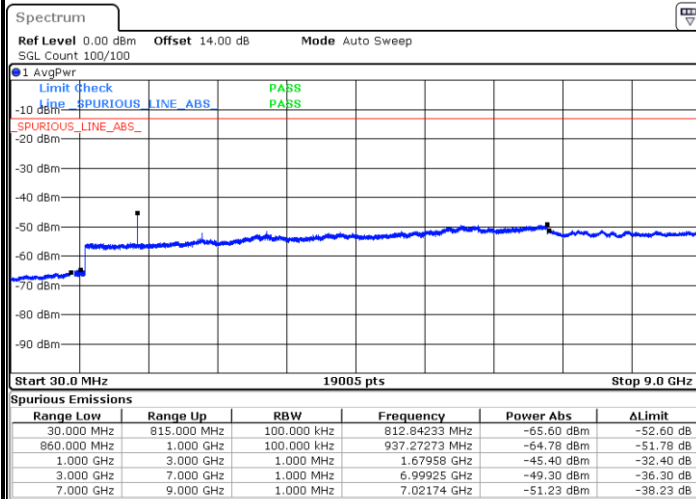
Date: 9.AUG.2021 22:55:49

## Middle Channel / 16QAM



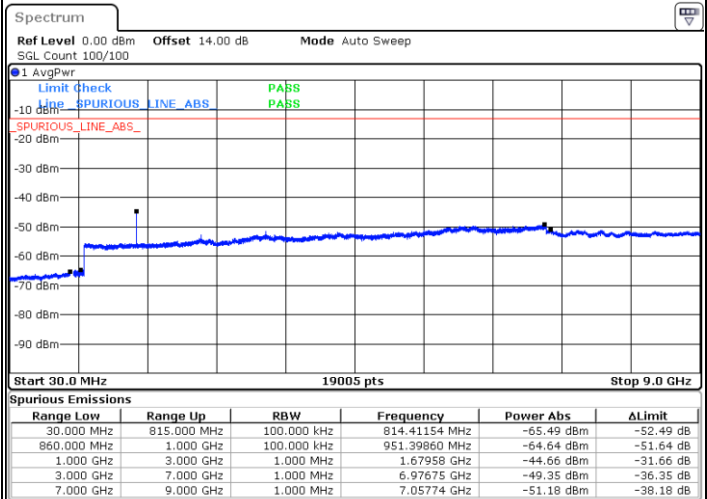
Date: 9.AUG.2021 22:57:16

## Highest Channel / QPSK



Date: 9.AUG.2021 23:07:41

## Highest Channel / 16QAM

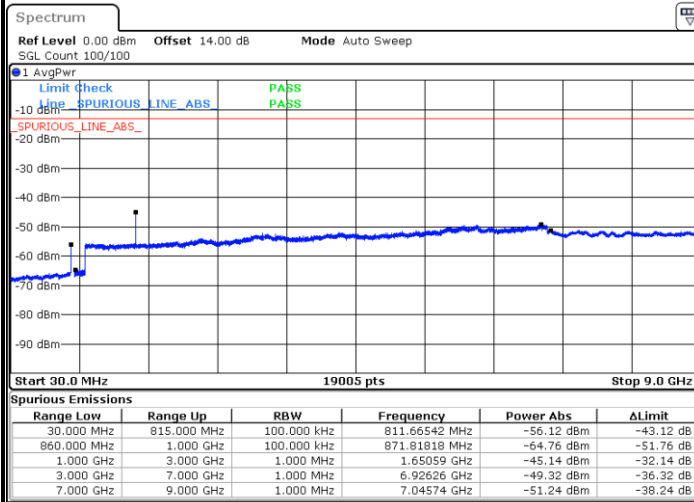


Date: 9.AUG.2021 23:09:07



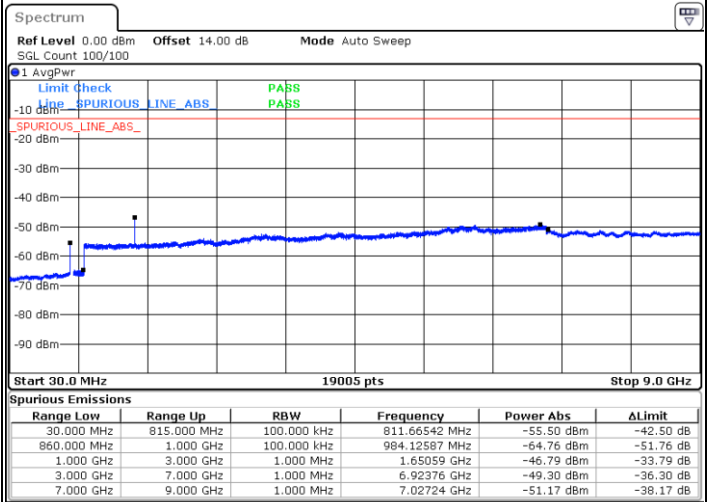
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



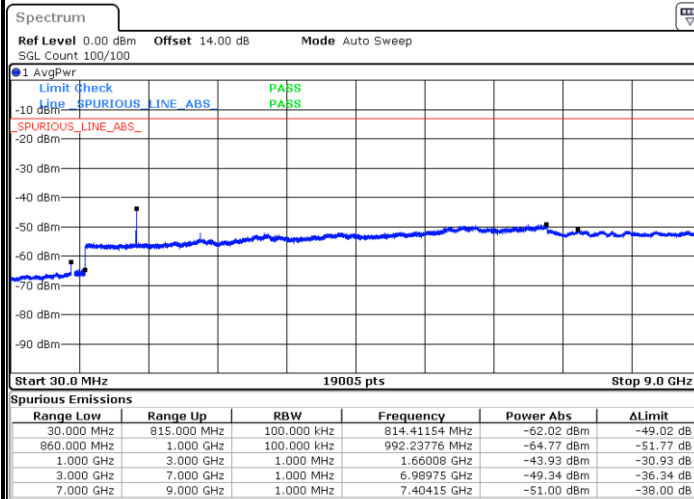
Date: 9.AUG.2021 23:19:46

## Lowest Channel / 16QAM



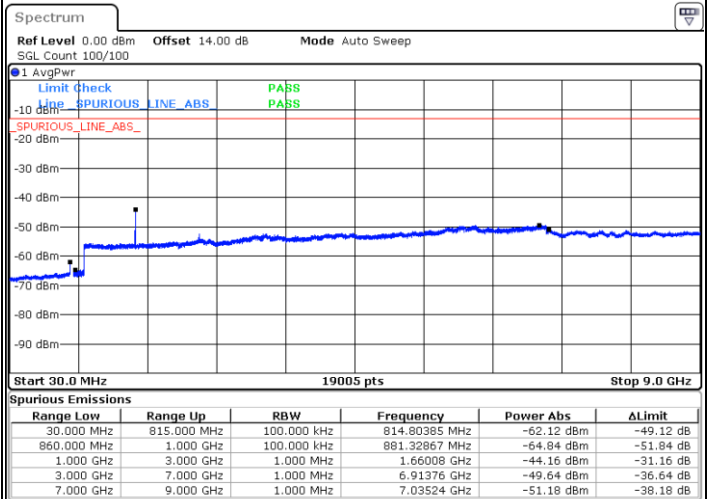
Date: 9.AUG.2021 23:21:14

## Middle Channel / QPSK



Date: 9.AUG.2021 23:23:25

## Middle Channel / 16QAM

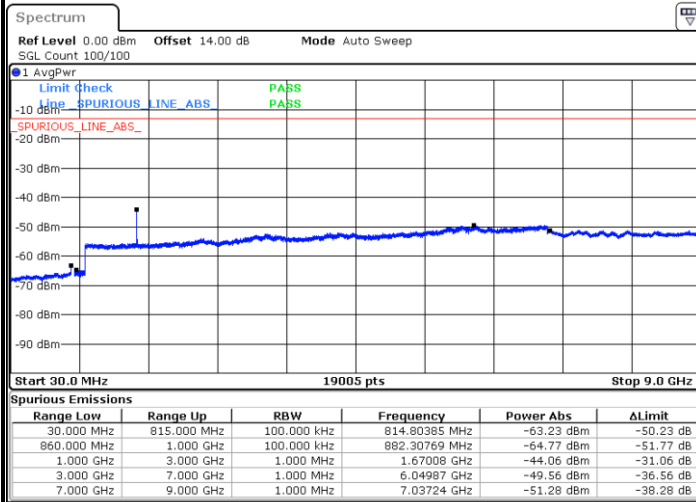


Date: 9.AUG.2021 23:24:52



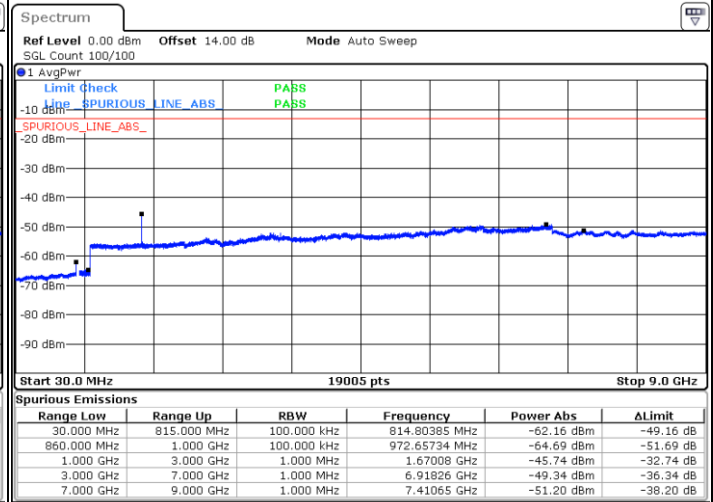
## LTE Band 26 / 15MHz

## Highest Channel / QPSK



Date: 9.AUG.2021 23:35:31

## Highest Channel / 16QAM



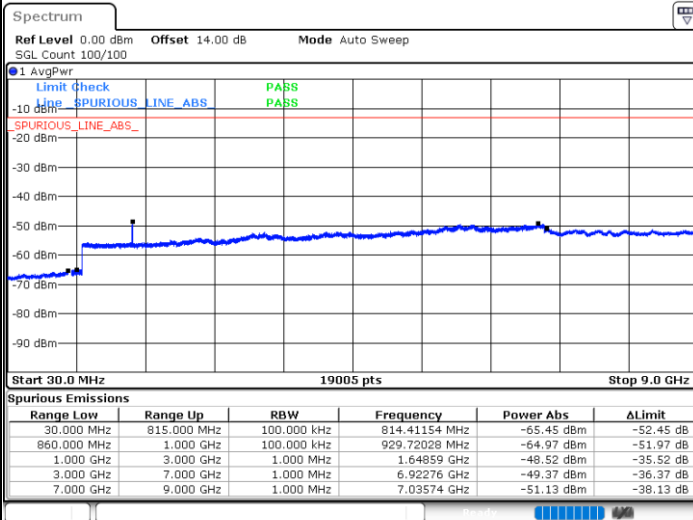
Date: 9.AUG.2021 23:36:57



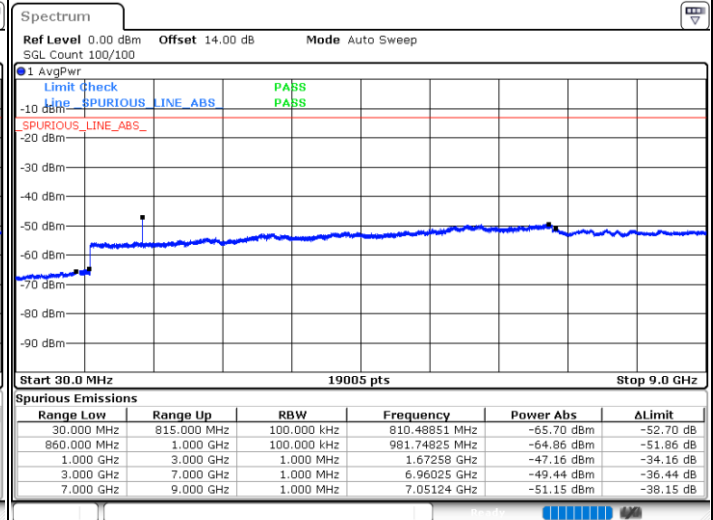
## LTE Band 26 / 1.4MHz

## Lowest Channel / 64QAM

## Middle Channel / 64QAM

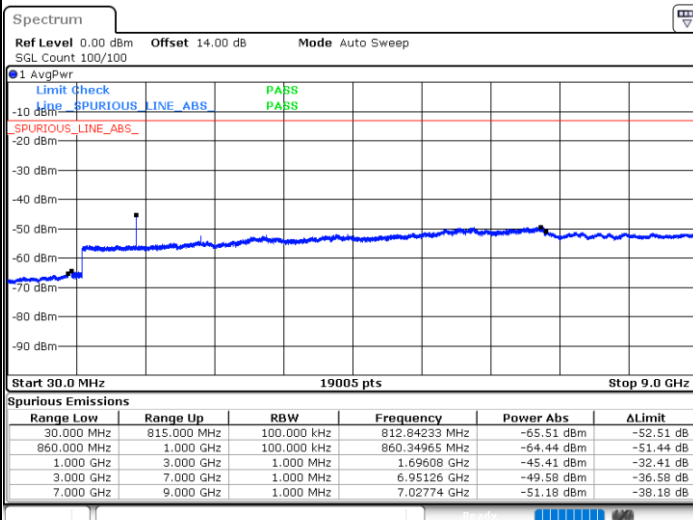


Date: 9.AUG.2021 20:17:18



Date: 9.AUG.2021 20:19:09

## Highest Channel / 64QAM

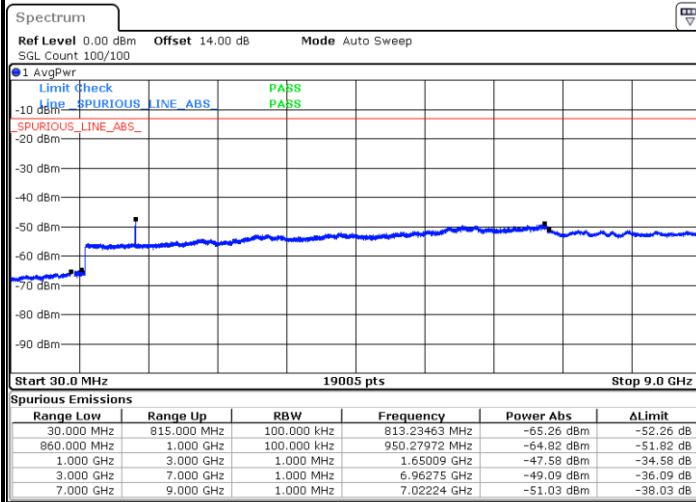


Date: 9.AUG.2021 20:25:04



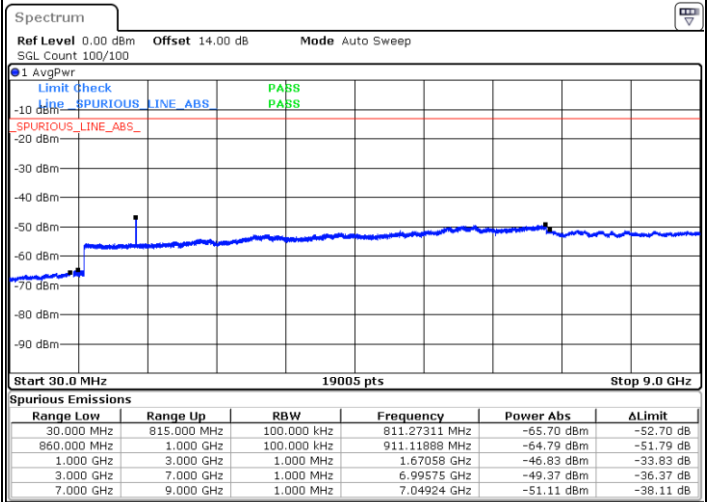
## LTE Band 26 / 3MHz

## Lowest Channel / 64QAM



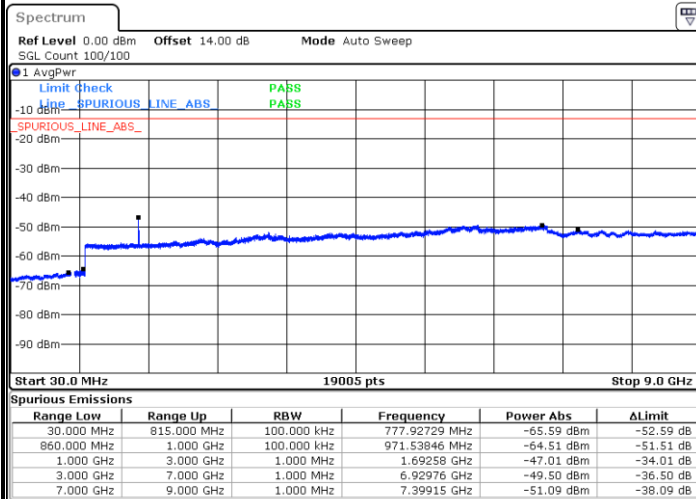
Date: 9.AUG.2021 20:31:02

## Middle Channel / 64QAM



Date: 9.AUG.2021 20:32:51

## Highest Channel / 64QAM

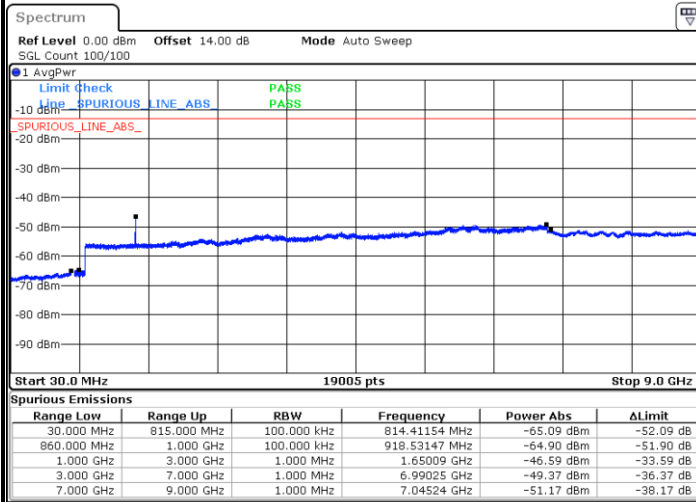


Date: 9.AUG.2021 20:38:46



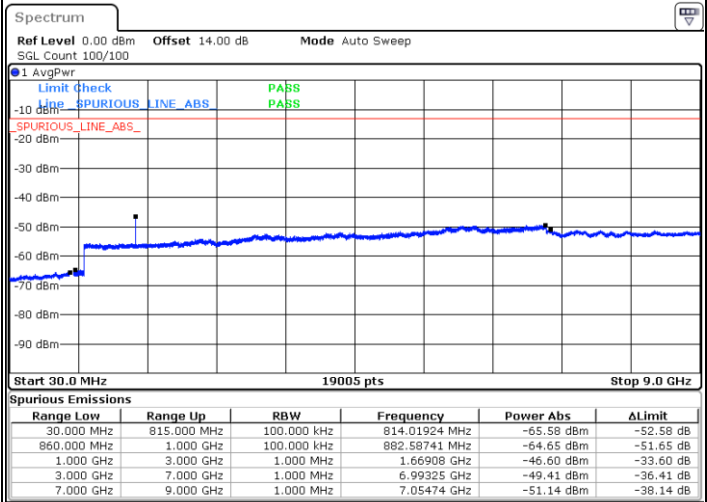
## LTE Band 26 / 5MHz

## Lowest Channel / 64QAM



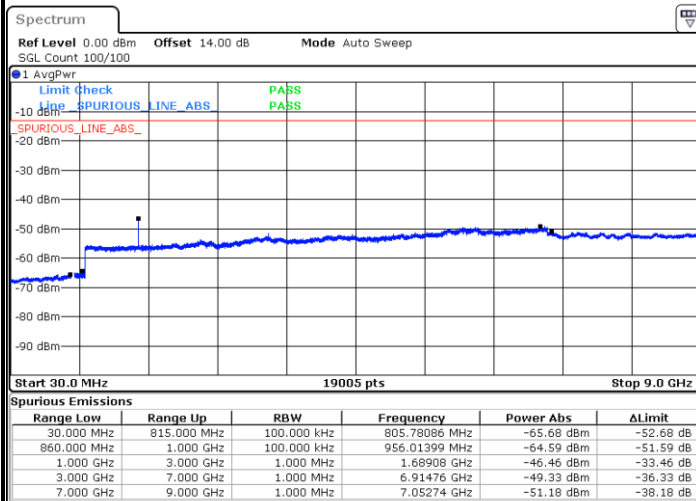
Date: 9.AUG.2021 20:44:44

## Middle Channel / 64QAM



Date: 9.AUG.2021 20:46:33

## Highest Channel / 64QAM

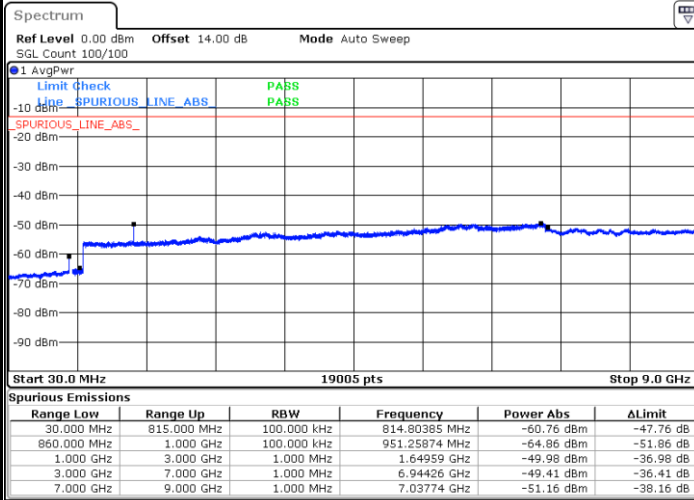


Date: 9.AUG.2021 20:52:31



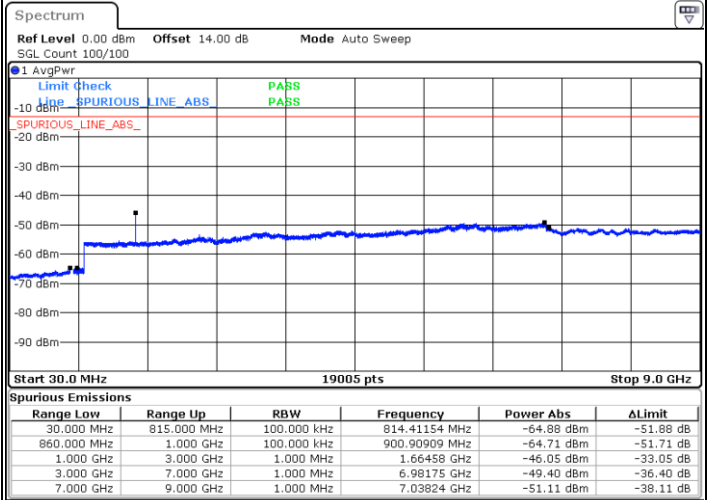
## LTE Band 26 / 10MHz

## Lowest Channel / 64QAM



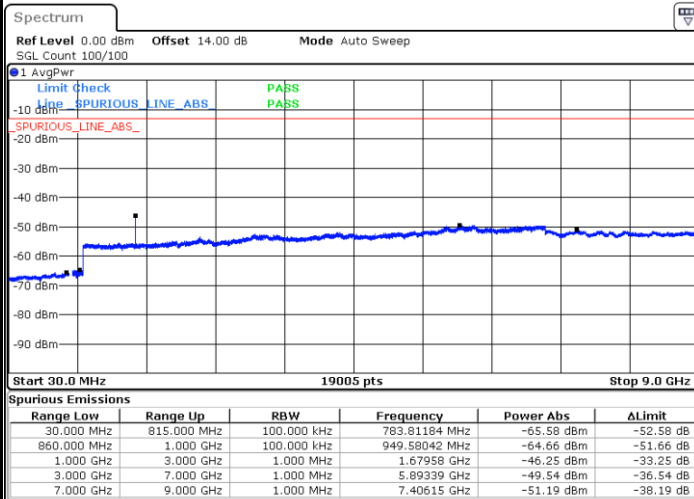
Date: 9.AUG.2021 20:58:26

## Middle Channel / 64QAM



Date: 9.AUG.2021 21:00:15

## Highest Channel / 64QAM

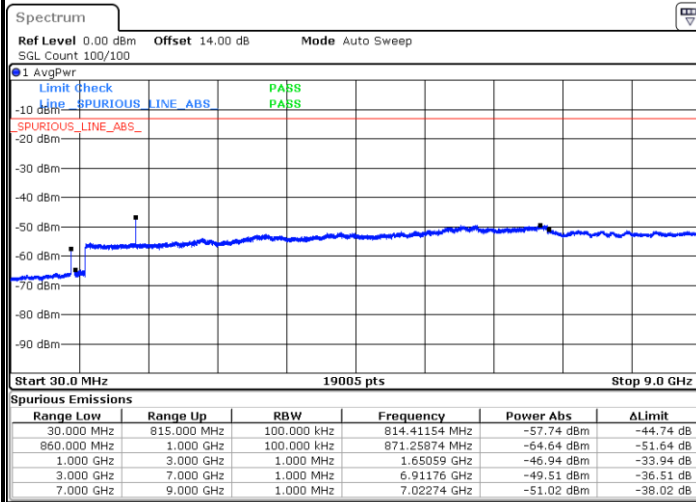


Date: 9.AUG.2021 21:06:12



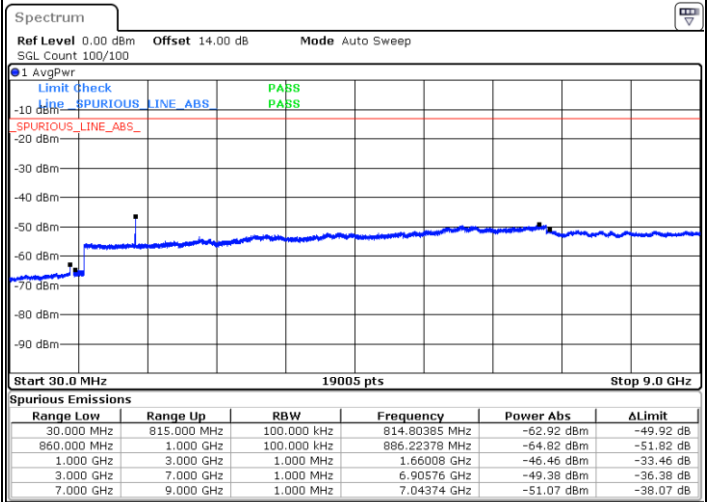
## LTE Band 26 / 15MHz

## Lowest Channel / 64QAM



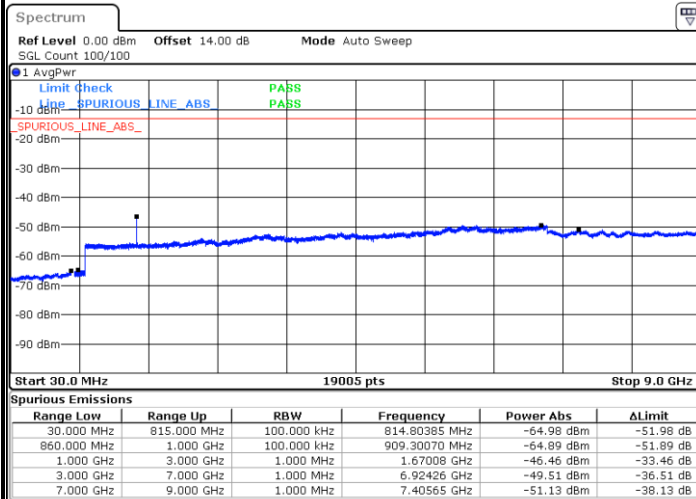
Date: 9.AUG.2021 21:12:18

## Middle Channel / 64QAM



Date: 9.AUG.2021 21:14:07

## Highest Channel / 64QAM



Date: 9.AUG.2021 21:20:12

## Frequency Stability

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0004                              | PASS    |
| 40               | Normal Voltage    | 0.0011                              |         |
| 30               | Normal Voltage    | 0.0014                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0164                              |         |
| 0                | Normal Voltage    | 0.0151                              |         |
| -10              | Normal Voltage    | 0.0142                              |         |
| -20              | Normal Voltage    | 0.0145                              |         |
| -30              | Normal Voltage    | 0.0133                              |         |
| 20               | Maximum Voltage   | 0.0141                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0157                              |         |

**Note:**

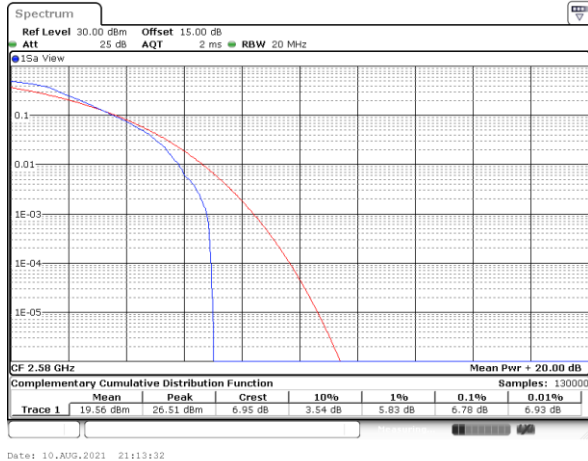
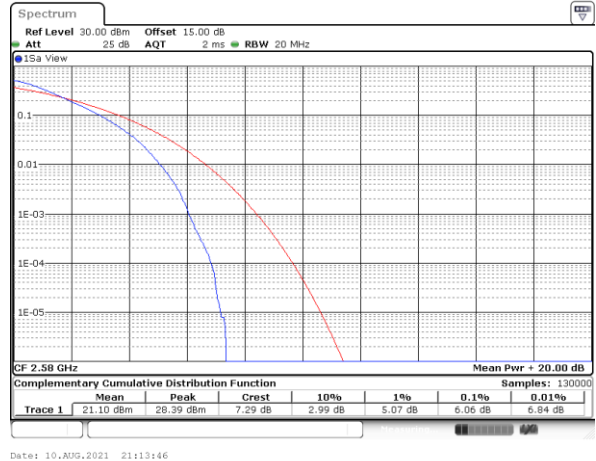
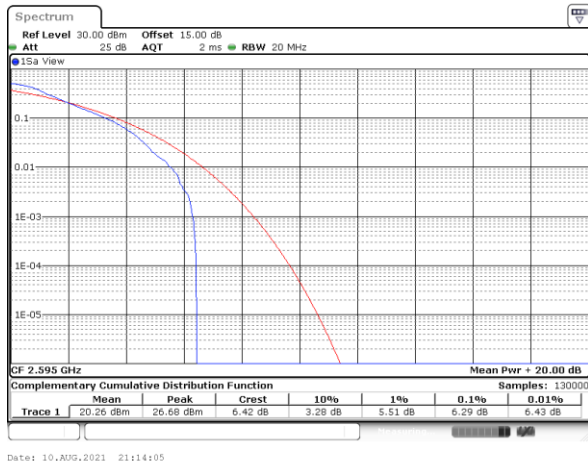
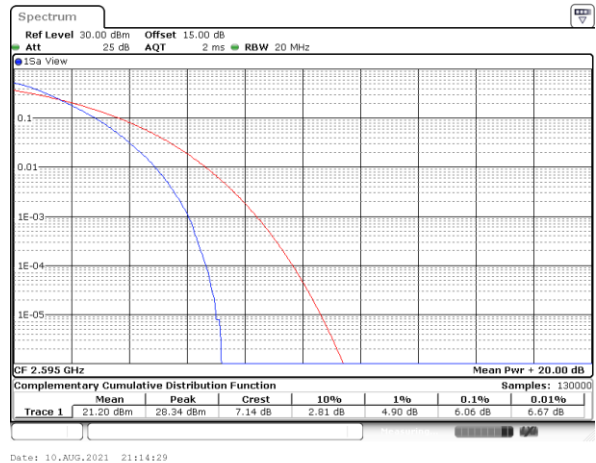
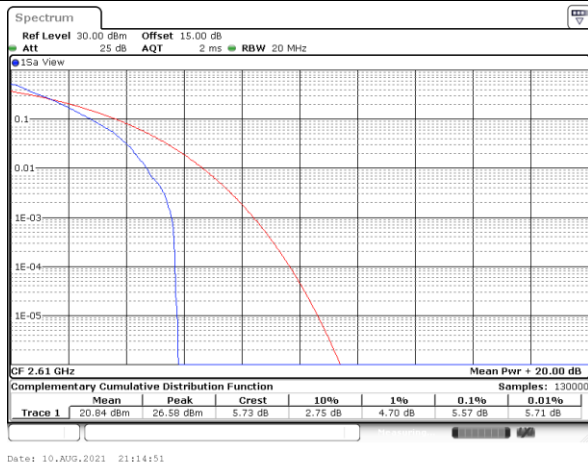
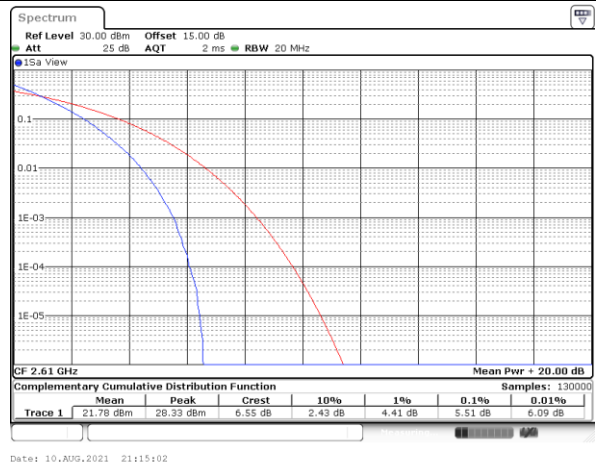
1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.65 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.

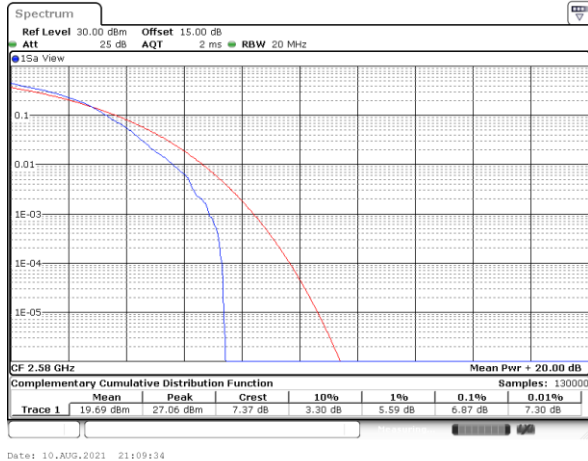


## LTE Band 38

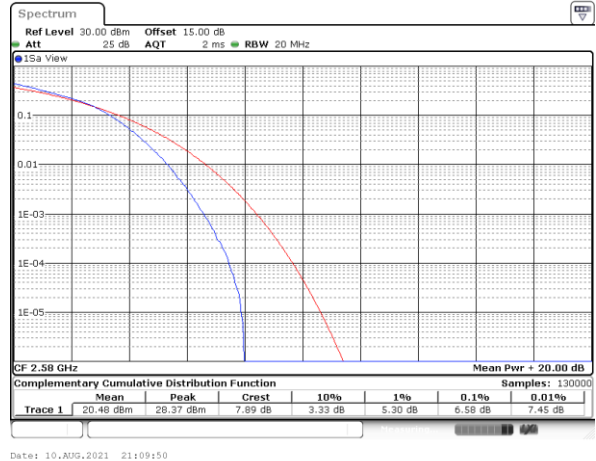
## Peak-to-Average Ratio

| Mode       | LTE Band 38 / 20MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 6.78                | 6.06    | 6.87  | 6.58    | PASS        |
| Middle CH  | 6.29                | 6.06    | 6.41  | 6.81    |             |
| Highest CH | 5.57                | 5.51    | 6.70  | 6.55    |             |
| Mode       | LTE Band 38 / 20MHz |         |       |         |             |
| Mod.       | 64QAM               |         |       |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB |       |         | Result      |
| Lowest CH  | 6.87                | 6.64    | -     | -       | PASS        |
| Middle CH  | 6.61                | 6.67    | -     | -       |             |
| Highest CH | 6.38                | 6.96    | -     | -       |             |

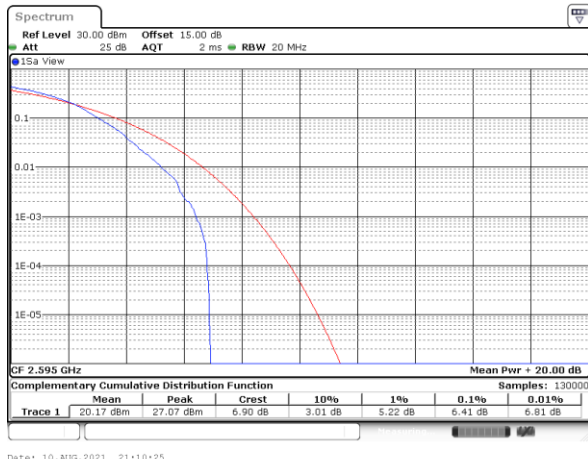
**LTE Band 38 / 20MHz / QPSK**
**Lowest Channel / 1RB**

**Lowest Channel / Full RB**

**Middle Channel / 1RB**

**Middle Channel / Full RB**

**Highest Channel / 1RB**

**Highest Channel / Full RB**


**LTE Band 38 / 20MHz / 16QAM**
**Lowest Channel / 1RB**


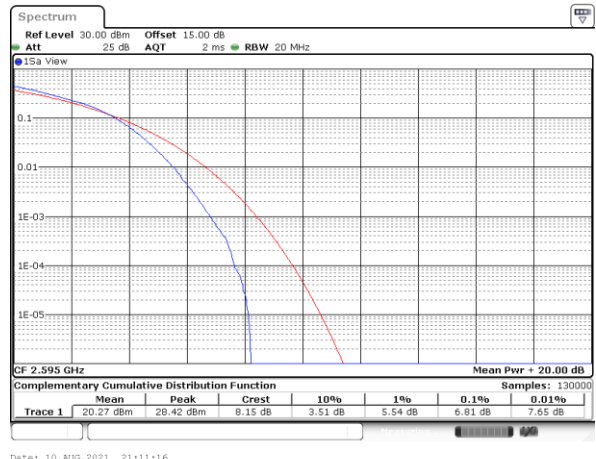
Date: 10.AUG.2021 21:09:34

**Lowest Channel / Full RB**


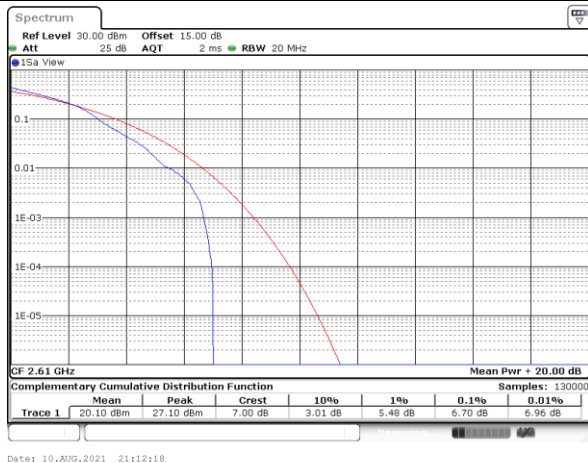
Date: 10.AUG.2021 21:09:50

**Middle Channel / 1RB**


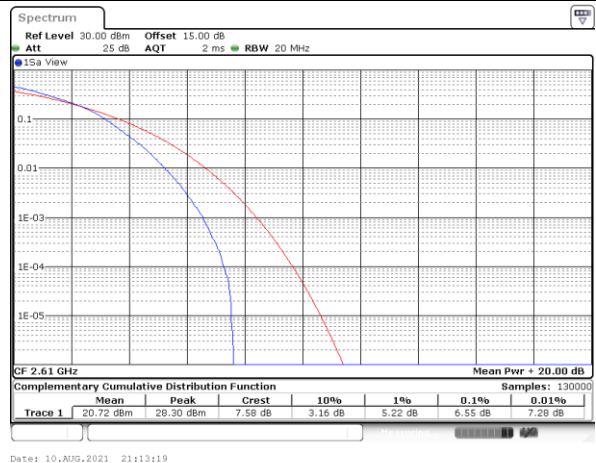
Date: 10.AUG.2021 21:10:25

**Middle Channel / Full RB**


Date: 10.AUG.2021 21:11:16

**Highest Channel / 1RB**


Date: 10.AUG.2021 21:12:18

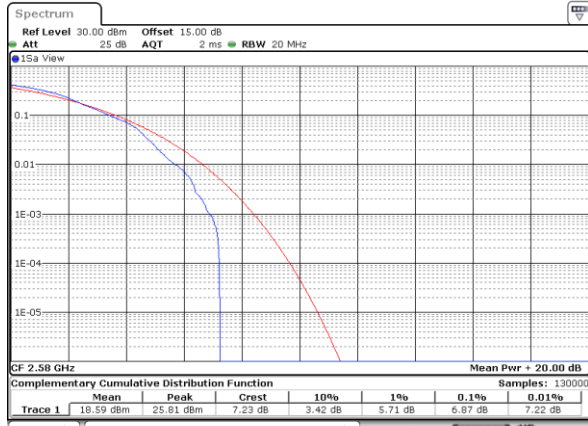
**Highest Channel / Full RB**


Date: 10.AUG.2021 21:13:19

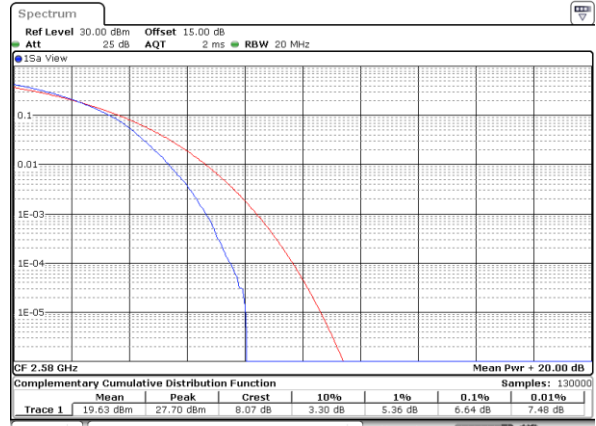


## LTE Band 38 / 20MHz / 64QAM

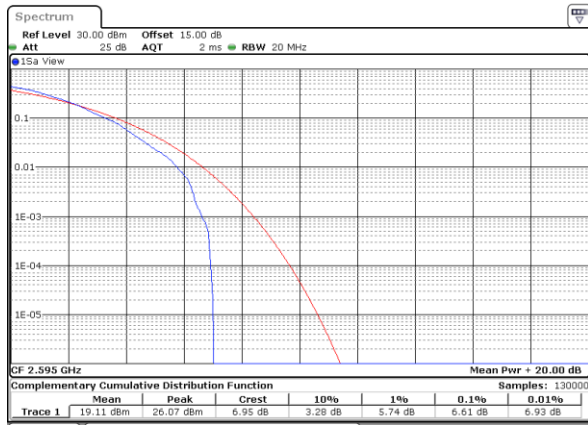
## Lowest Channel / 1RB



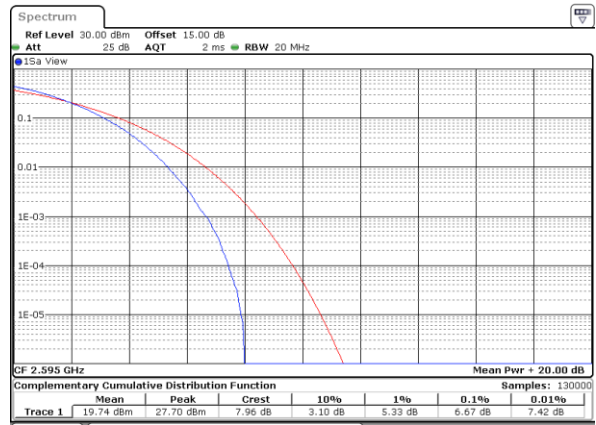
## Lowest Channel / Full RB



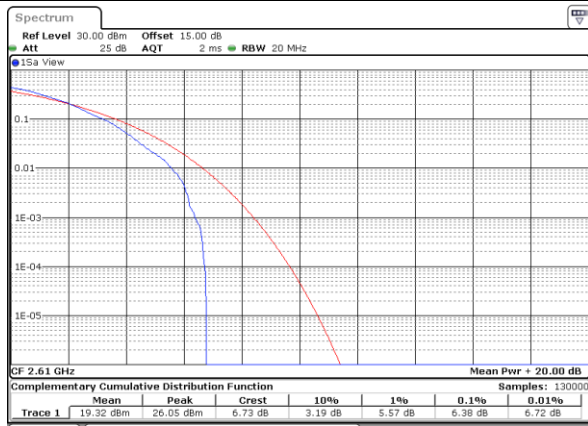
## Middle Channel / 1RB



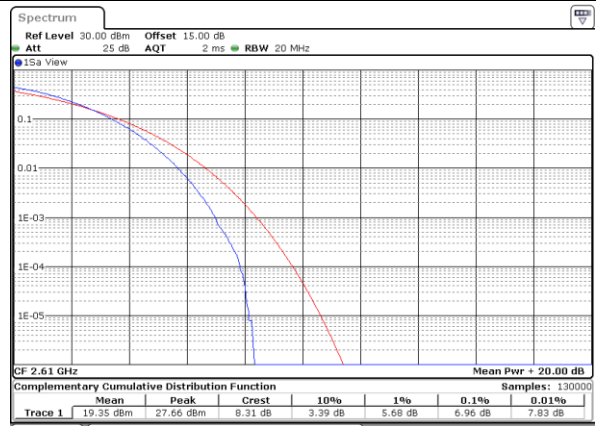
## Middle Channel / Full RB



## Highest Channel / 1RB



## Highest Channel / Full RB



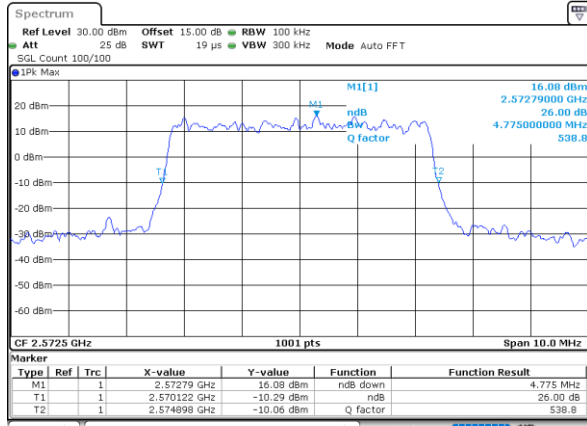
**26dB Bandwidth**

| Mode       | LTE Band 38 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
|------------|----------------------------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | QPSK                       | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM | QPSK  | 16QAM |
| Lowest CH  | -                          | -     | -     | -     | 4.78  | 4.76  | 9.63  | 9.63  | 14.33 | 14.15 | 19.14 | 18.66 |
| Middle CH  | -                          | -     | -     | -     | 4.83  | 4.82  | 9.75  | 9.63  | 14.45 | 14.24 | 18.74 | 18.82 |
| Highest CH | -                          | -     | -     | -     | 4.72  | 4.81  | 9.71  | 9.65  | 14.21 | 14.12 | 18.70 | 18.86 |
| Mode       | LTE Band 38 : 26dB BW(MHz) |       |       |       |       |       |       |       |       |       |       |       |
| BW         | 1.4MHz                     |       | 3MHz  |       | 5MHz  |       | 10MHz |       | 15MHz |       | 20MHz |       |
| Mod.       | 64QAM                      |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       | 64QAM |       |
| Lowest CH  | -                          | -     | -     | -     | 4.81  | -     | 9.73  | -     | 14.15 | -     | 18.70 | -     |
| Middle CH  | -                          | -     | -     | -     | 4.85  | -     | 9.91  | -     | 14.33 | -     | 18.70 | -     |
| Highest CH | -                          | -     | -     | -     | 4.78  | -     | 9.67  | -     | 14.12 | -     | 18.94 | -     |



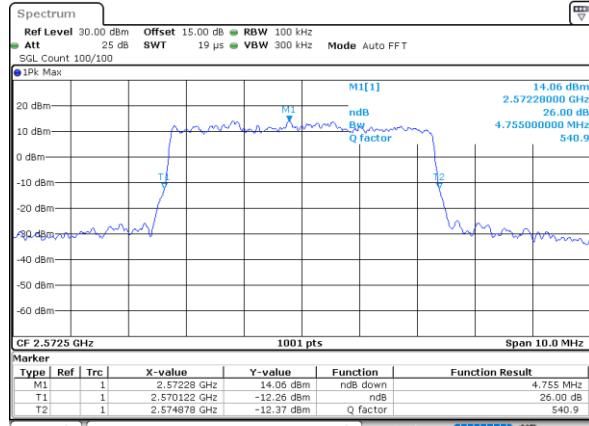
## LTE Band 38

## Lowest Channel / 5MHz / QPSK



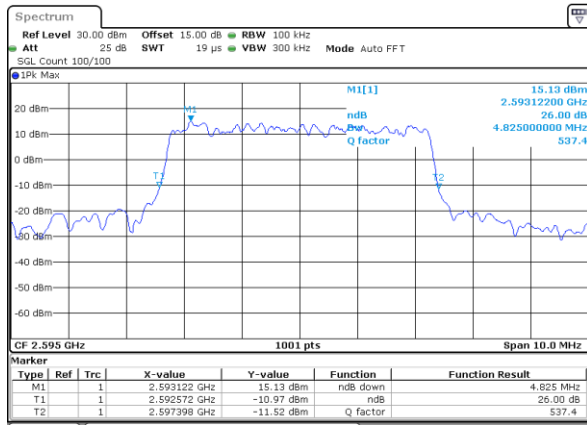
Date: 10\_AUG.2021 20:53:15

## Lowest Channel / 5MHz / 16QAM



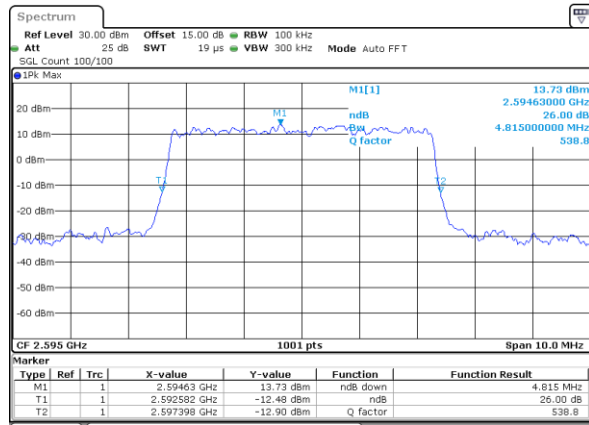
Date: 10\_AUG.2021 20:53:26

## Middle Channel / 5MHz / QPSK



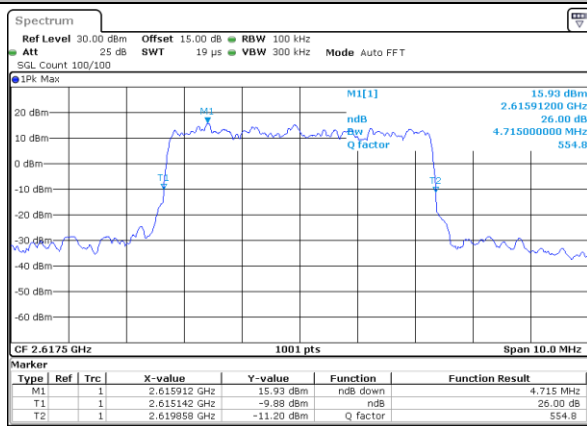
Date: 10\_AUG.2021 20:53:59

## Middle Channel / 5MHz / 16QAM



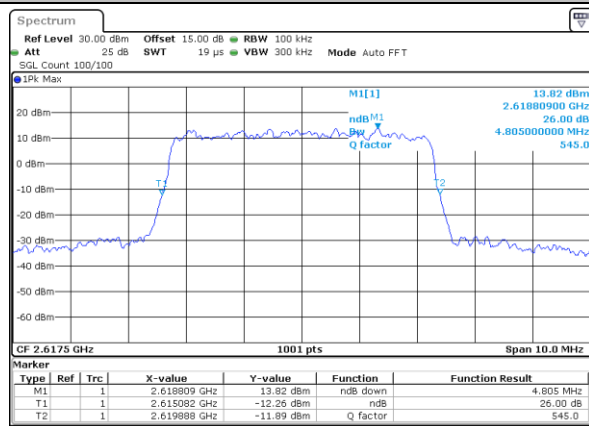
Date: 10\_AUG.2021 20:54:11

## Highest Channel / 5MHz / QPSK



Date: 10\_AUG.2021 20:54:44

## Highest Channel / 5MHz / 16QAM

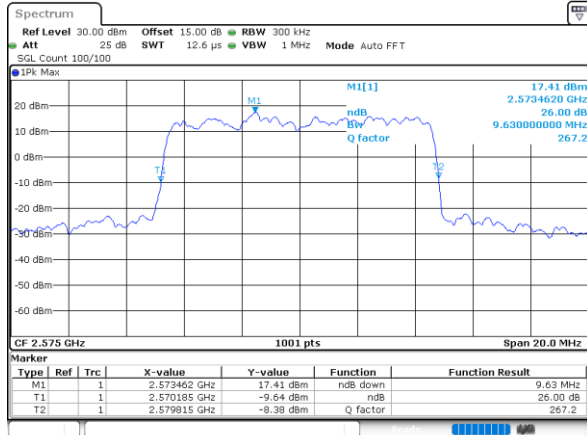


Date: 10\_AUG.2021 20:54:55

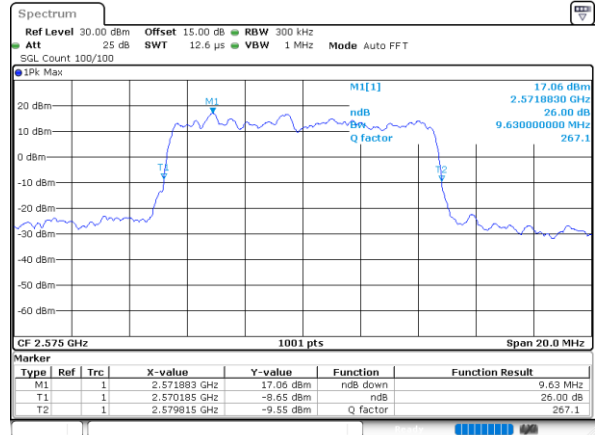


## LTE Band 38

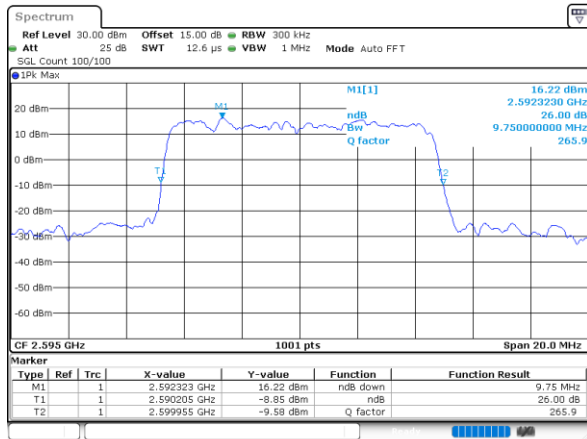
## Lowest Channel / 10MHz / QPSK



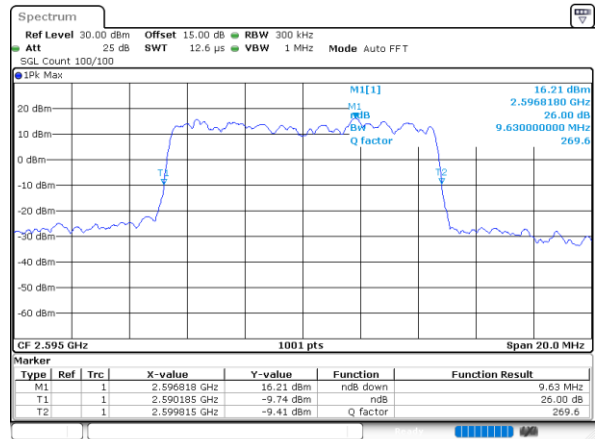
## Lowest Channel / 10MHz / 16QAM



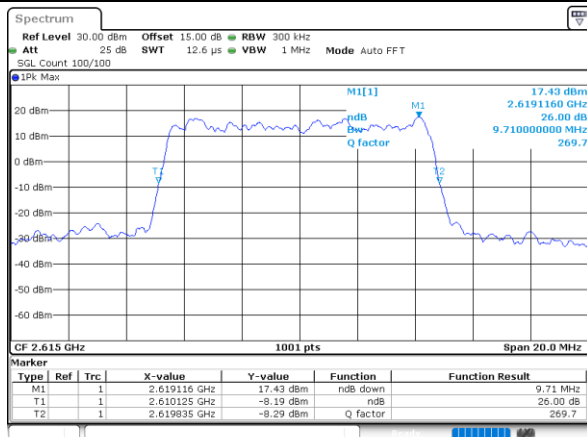
## Middle Channel / 10MHz / QPSK



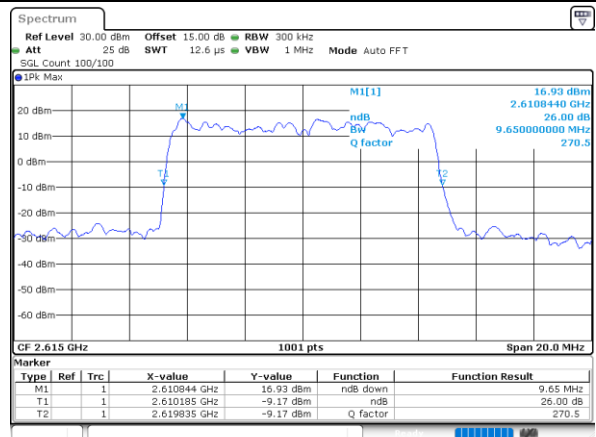
## Middle Channel / 10MHz / 16QAM



## Highest Channel / 10MHz / QPSK



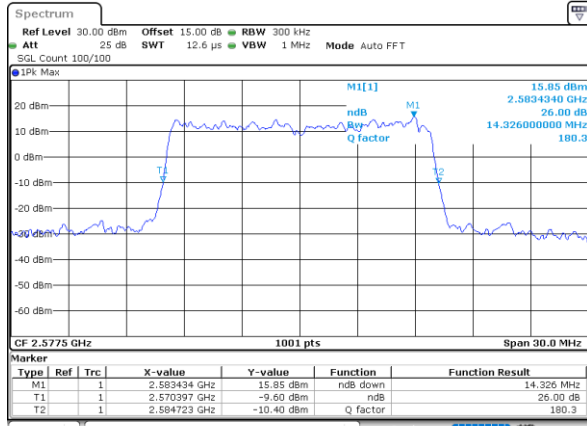
## Highest Channel / 10MHz / 16QAM



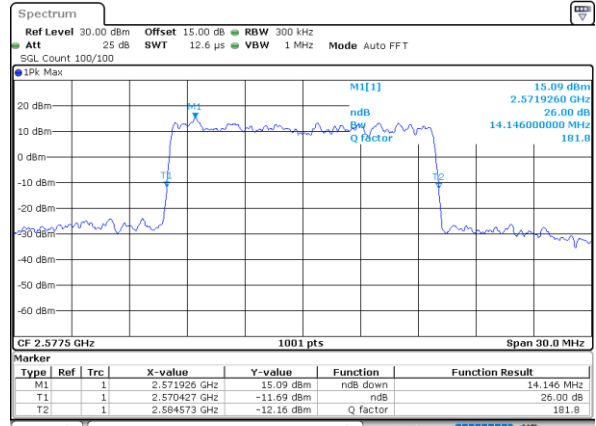


## LTE Band 38

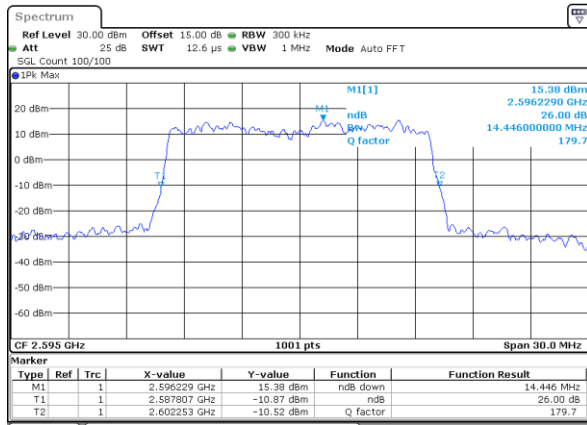
## Lowest Channel / 15MHz / QPSK



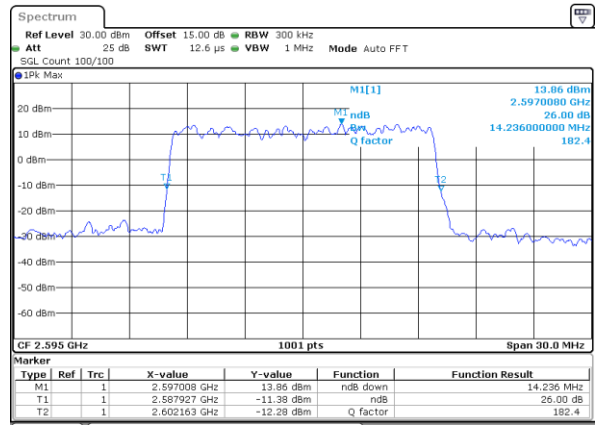
## Lowest Channel / 15MHz / 16QAM



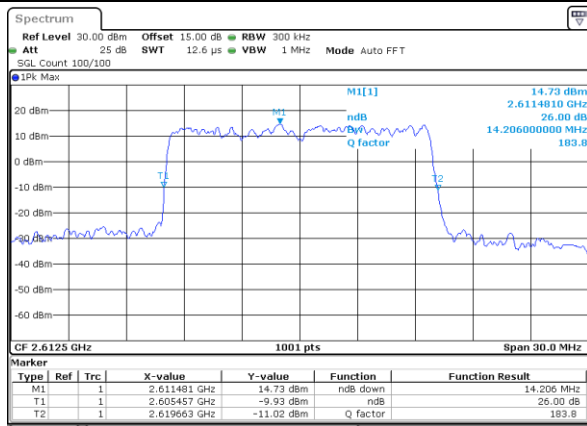
## Middle Channel / 15MHz / QPSK



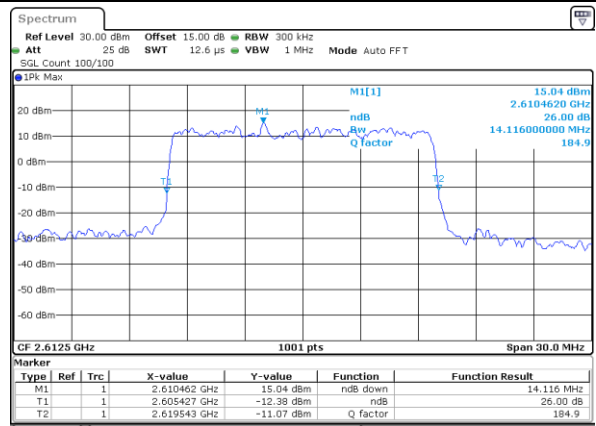
## Middle Channel / 15MHz / 16QAM



## Highest Channel / 15MHz / QPSK



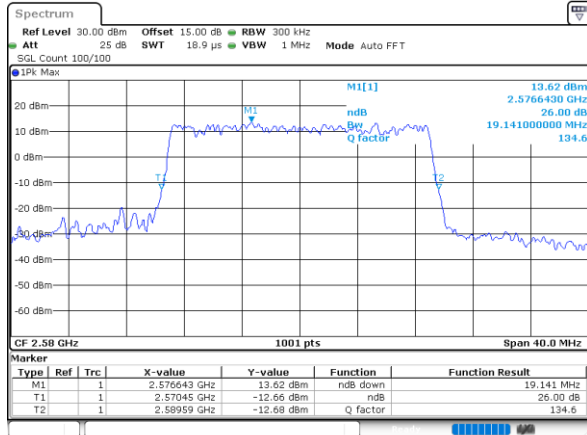
## Highest Channel / 15MHz / 16QAM





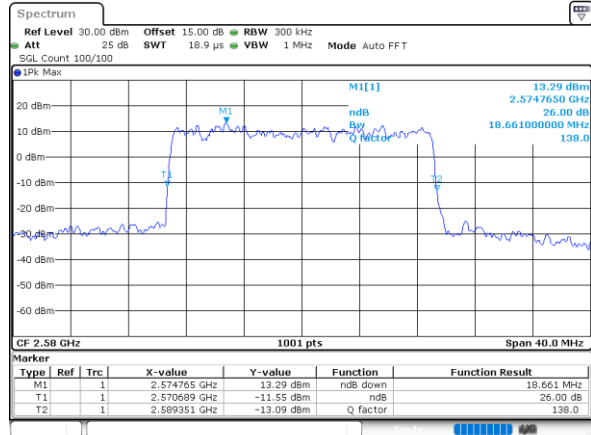
## LTE Band 38

## Lowest Channel / 20MHz / QPSK



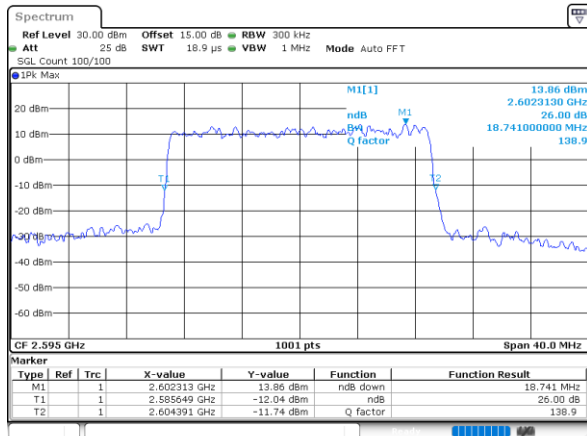
Date: 10\_AUG.2021 20:59:54

## Lowest Channel / 20MHz / 16QAM



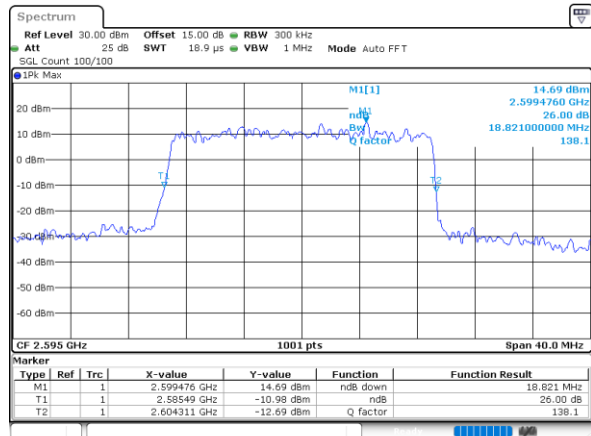
Date: 10\_AUG.2021 21:00:04

## Middle Channel / 20MHz / QPSK



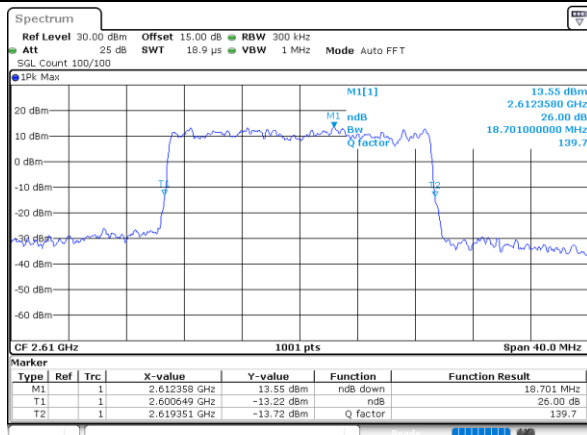
Date: 10\_AUG.2021 21:00:38

## Middle Channel / 20MHz / 16QAM



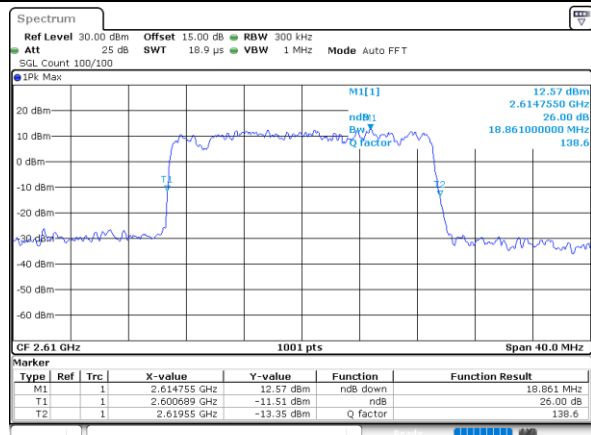
Date: 10\_AUG.2021 21:00:48

## Highest Channel / 20MHz / QPSK



Date: 10\_AUG.2021 21:01:22

## Highest Channel / 20MHz / 16QAM

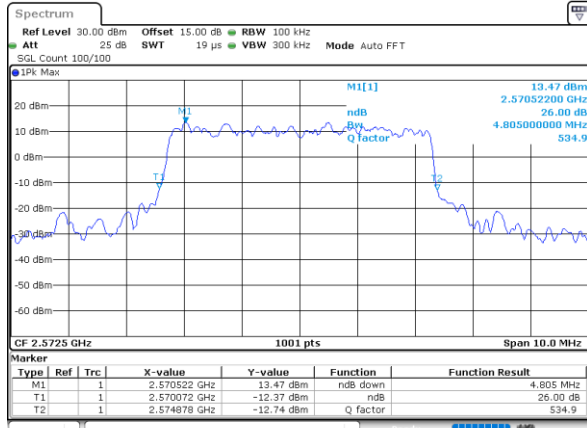


Date: 10\_AUG.2021 21:01:33



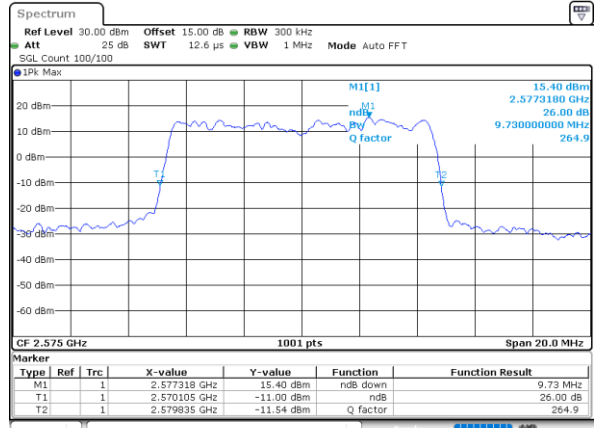
## LTE Band 38

## Lowest Channel / 5MHz / 64QAM



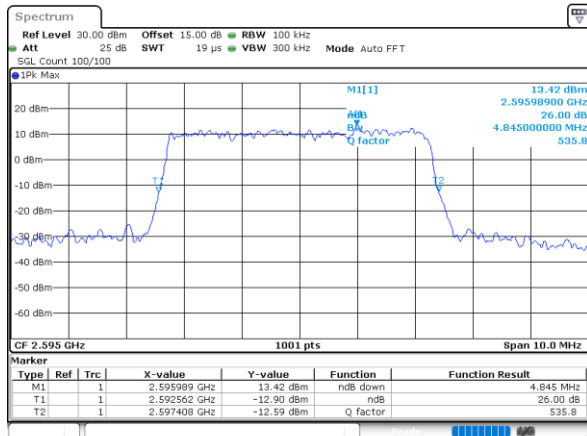
Date: 10.AUG.2021 21:01:55

## Lowest Channel / 10MHz / 64QAM



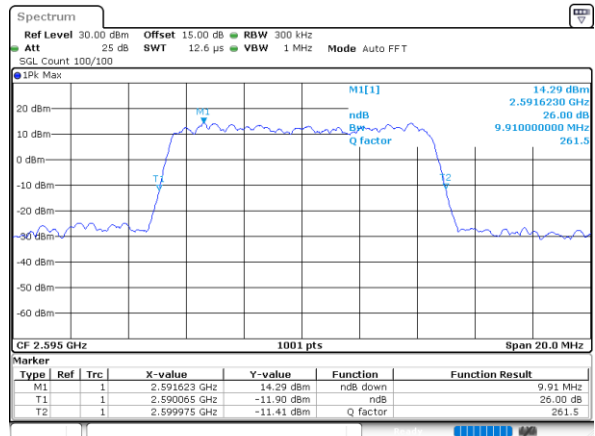
Date: 10.AUG.2021 21:03:01

## Middle Channel / 5MHz / 64QAM



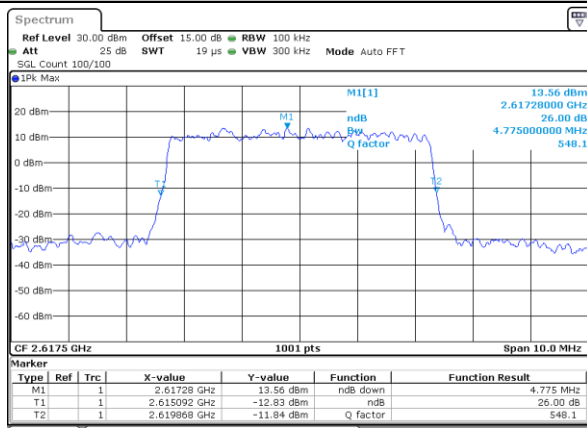
Date: 10.AUG.2021 21:02:17

## Middle Channel / 10MHz / 64QAM



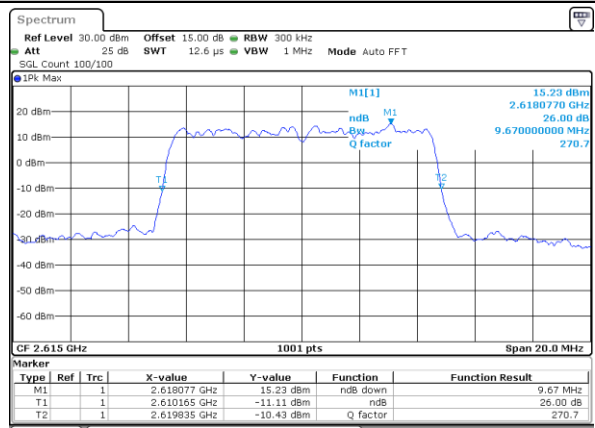
Date: 10.AUG.2021 21:03:23

## Highest Channel / 5MHz / 64QAM



Date: 10.AUG.2021 21:02:39

## Highest Channel / 10MHz / 64QAM



Date: 10.AUG.2021 21:03:45