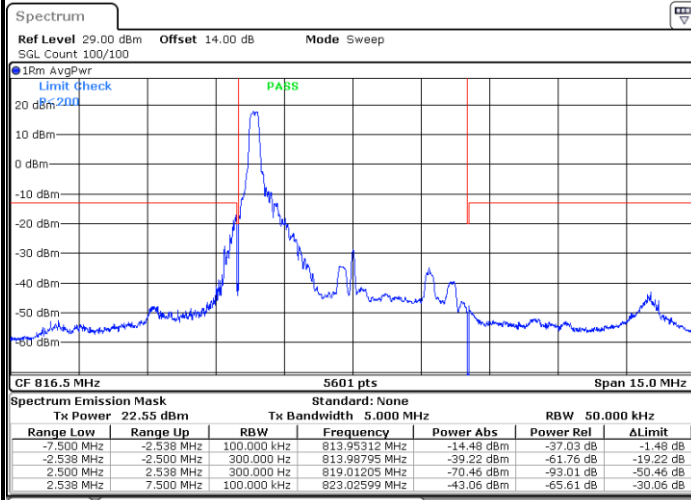




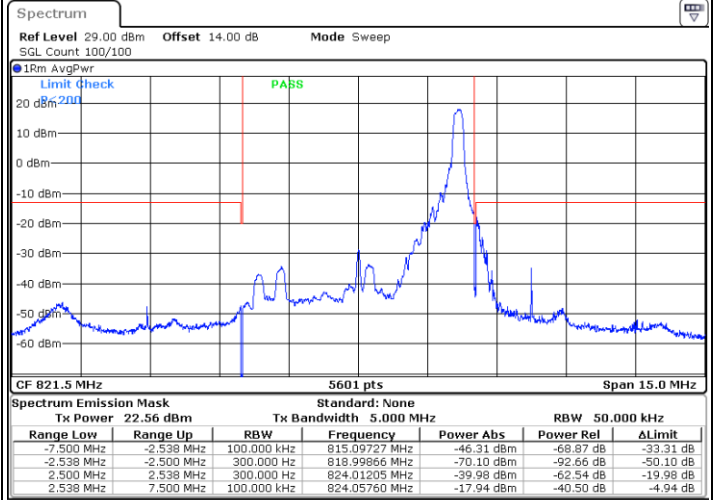
## LTE Band 26 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



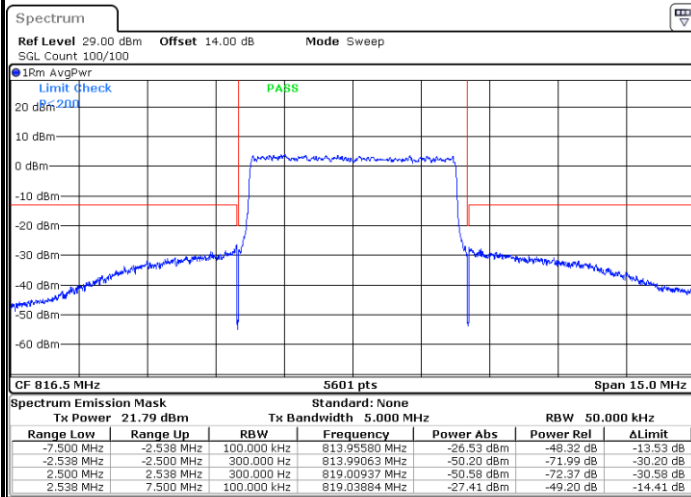
Date: 11.JUL.2022 18:13:22

## Highest Band Edge / 1 RB



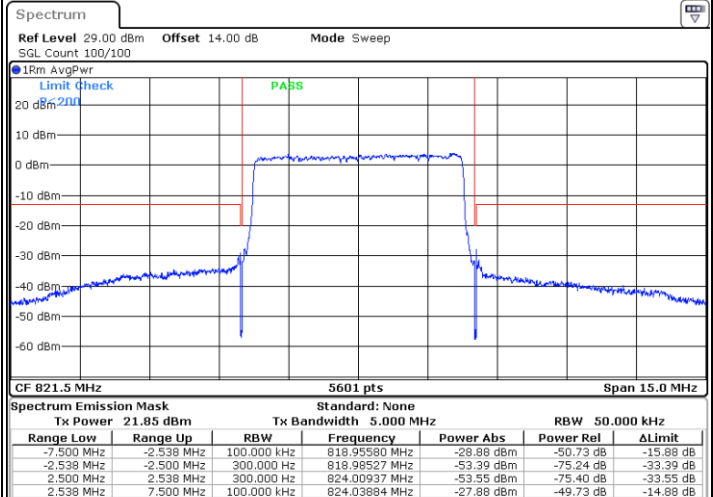
Date: 11.JUL.2022 18:17:30

## Lowest Band Edge / Full RB



Date: 11.JUL.2022 18:15:26

## Highest Band Edge / Full RB

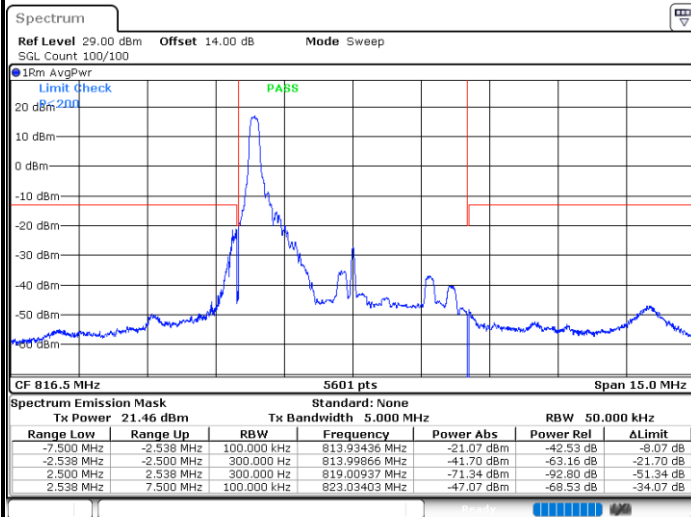


Date: 11.JUL.2022 18:19:35

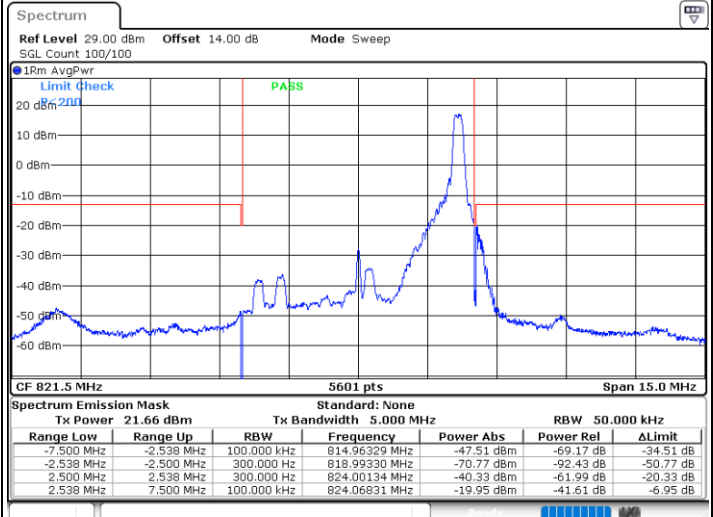


## LTE Band 26 / 5MHz / 64QAM

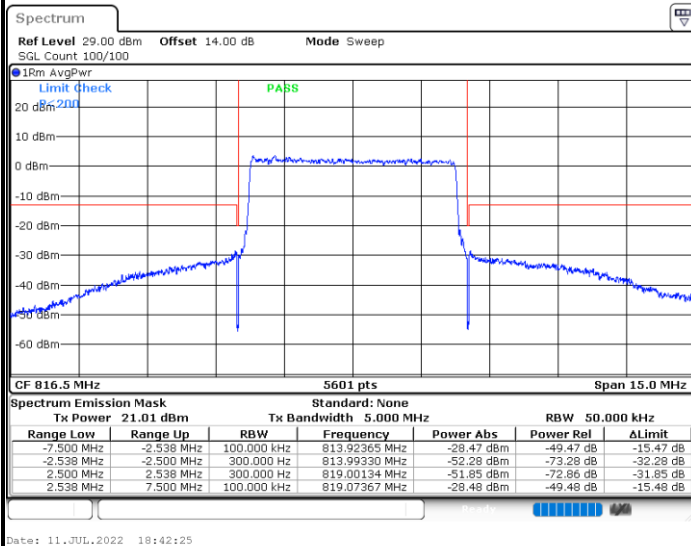
## Lowest Band Edge / 1RB



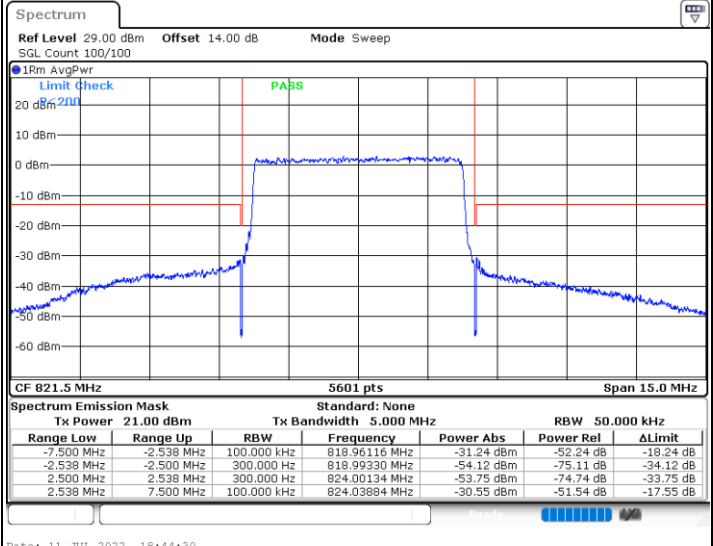
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



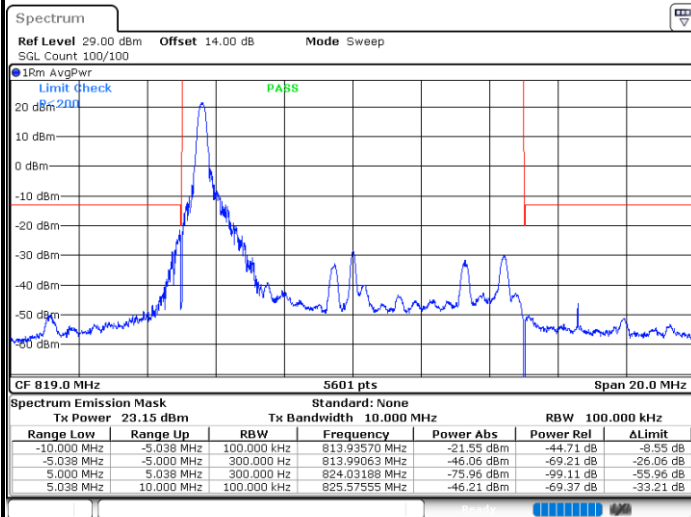
## Highest Band Edge / Full RB



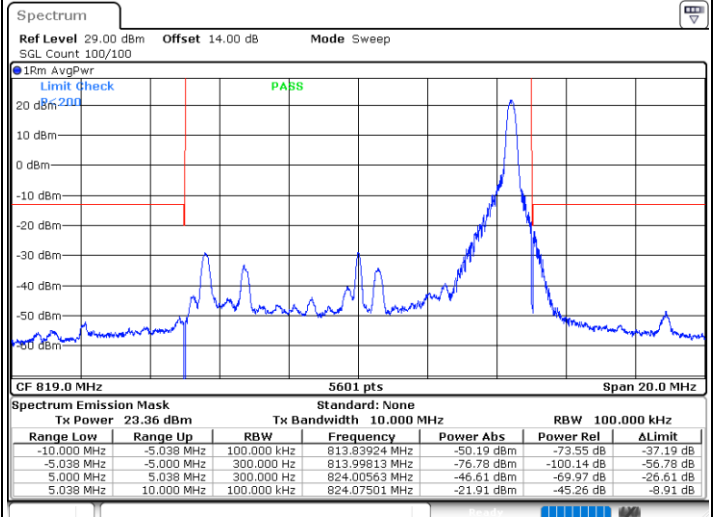


## LTE Band 26 / 10MHz / QPSK

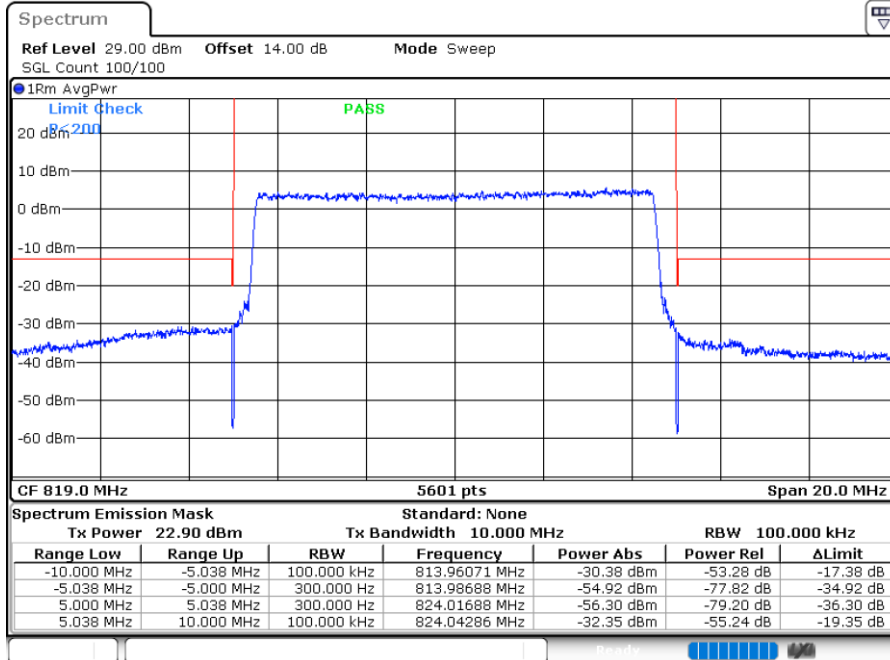
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



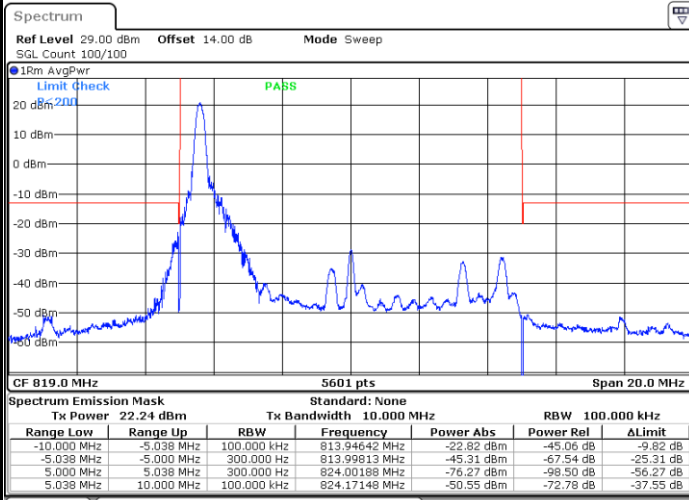
## Band Edge / Full RB



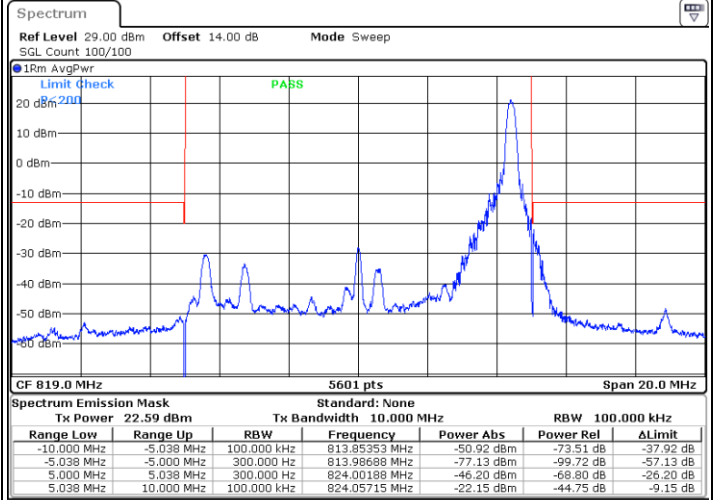


## LTE Band 26 / 10MHz / 16QAM

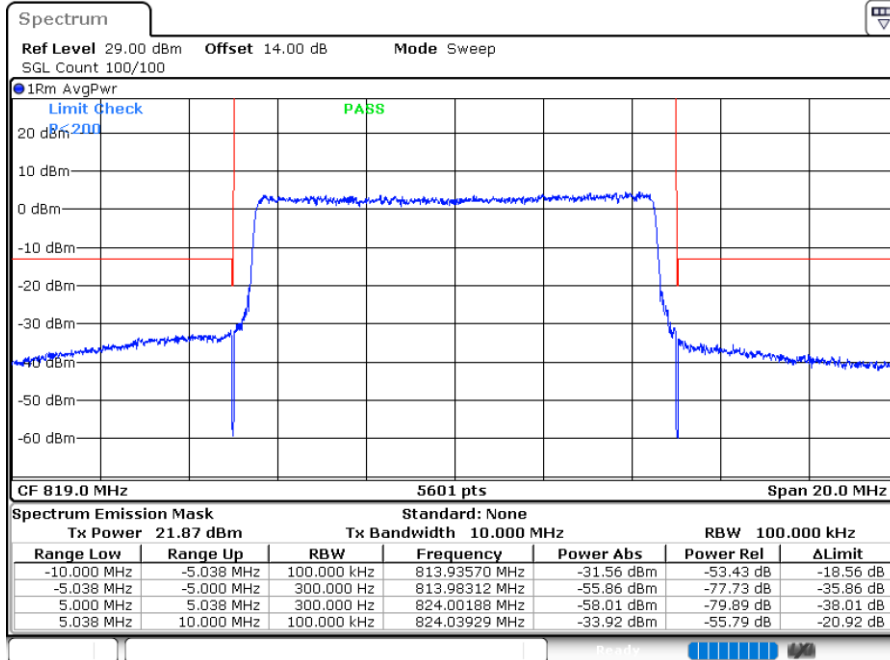
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



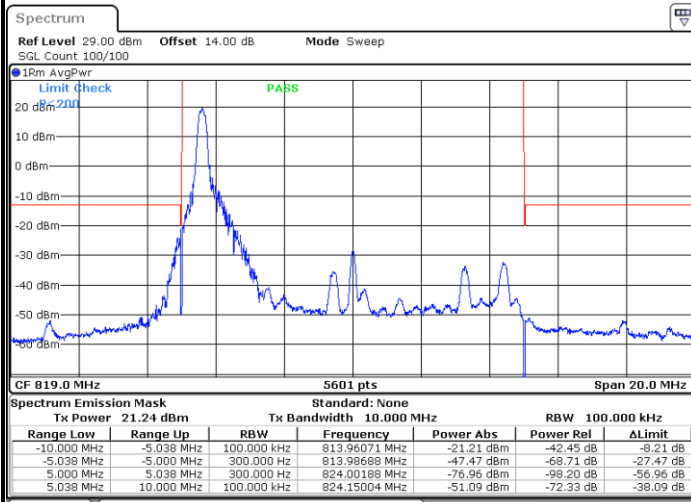
## Band Edge / Full RB



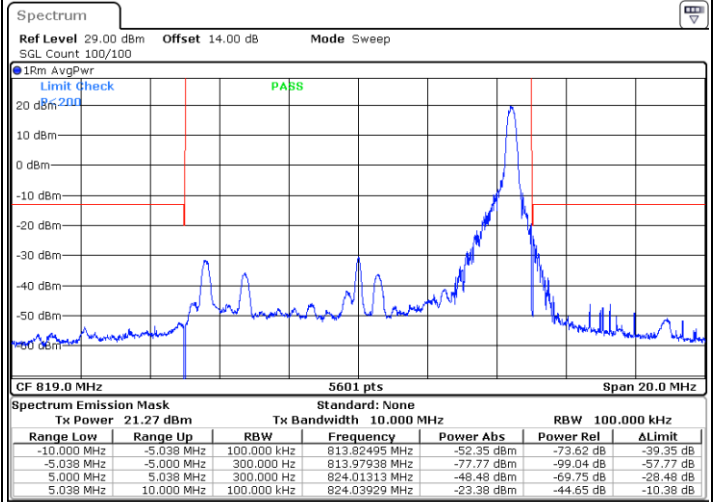


## LTE Band 26 / 10MHz / 64QAM

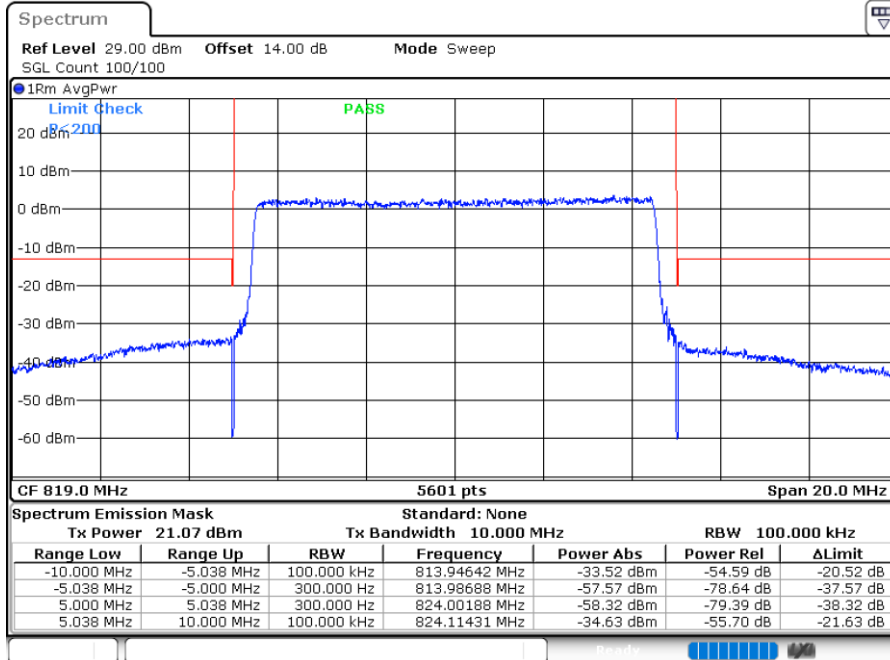
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



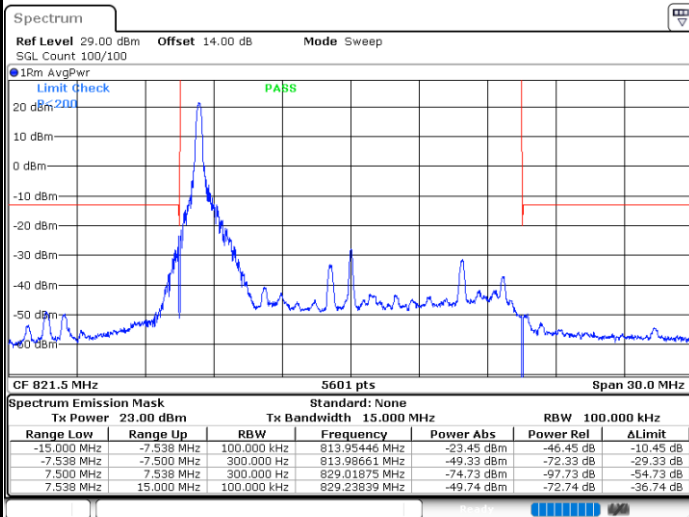
## Band Edge / Full RB



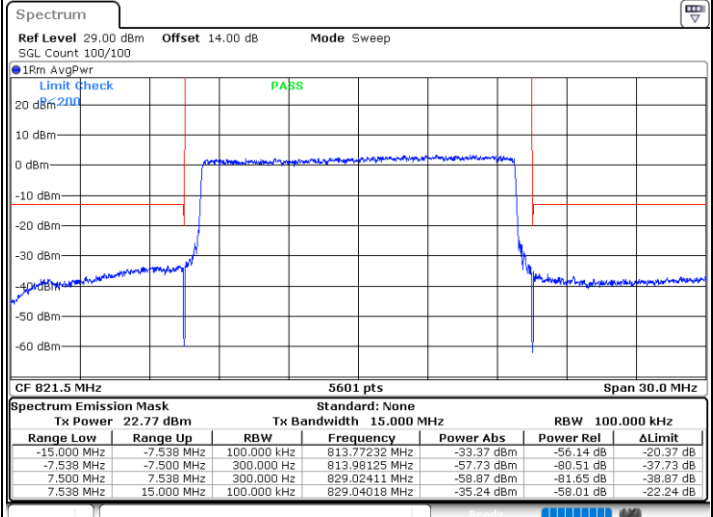


## LTE Band 26 / 15MHz QPSK

## Lowest Band Edge / 1 RB

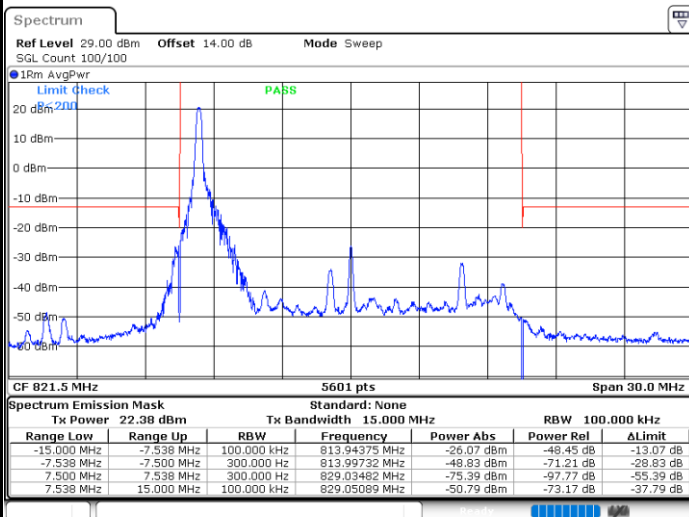


## Lowest Band Edge / Full RB

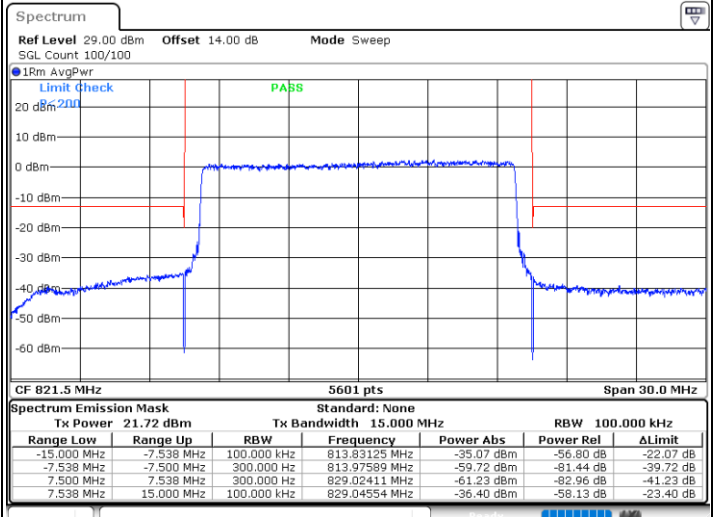


## LTE Band 26 / 15MHz 16QAM

## Lowest Band Edge / 1 RB



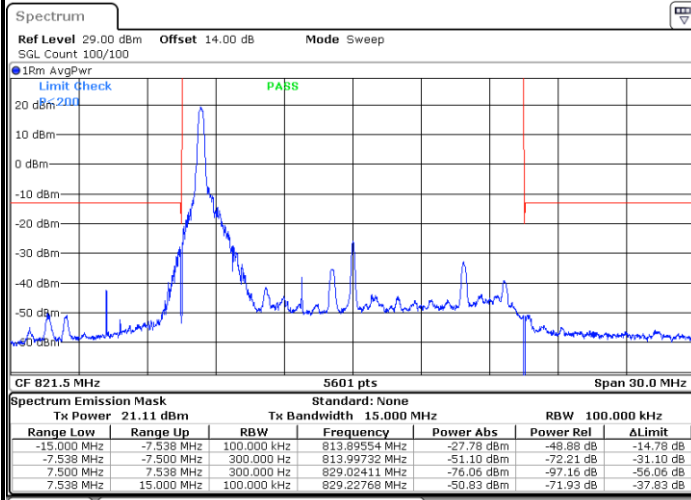
## Lowest Band Edge / Full RB





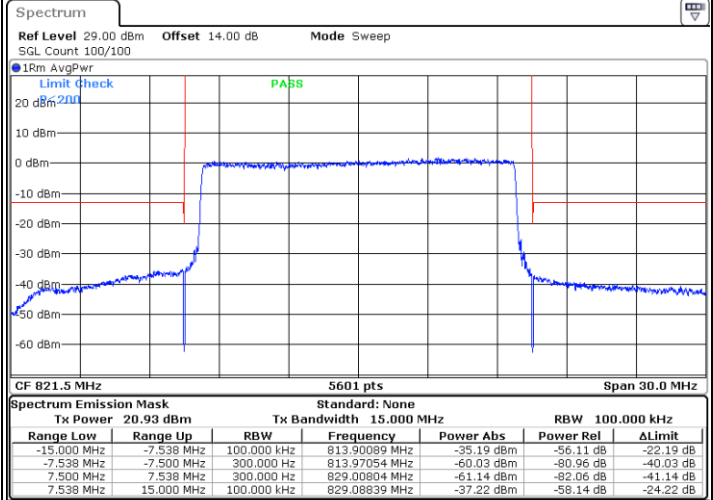
## LTE Band 26 / 15MHz / 64QAM

## Lowest Band Edge / 1 RB



Date: 11.JUL.2022 18:48:39

## Lowest Band Edge / Full RB



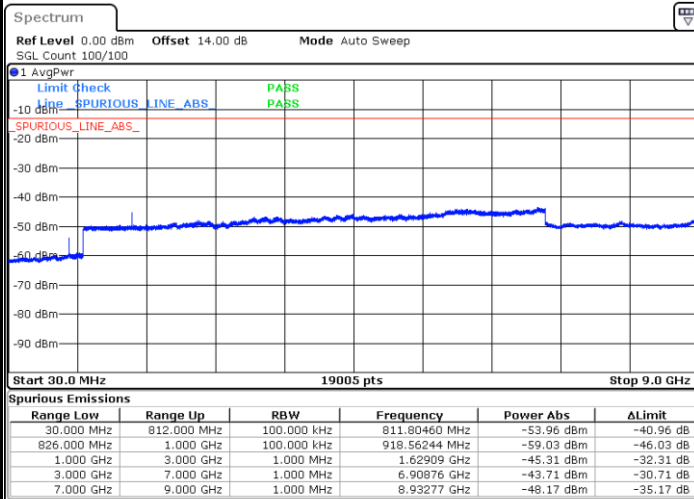
Date: 11.JUL.2022 18:50:43



## Conducted Spurious Emission

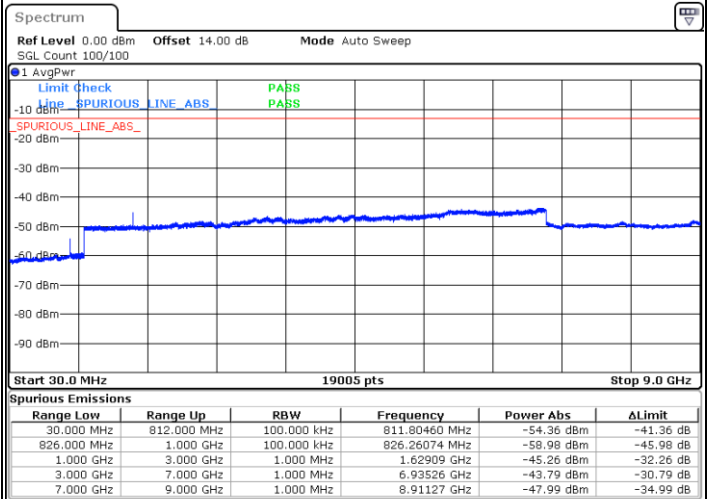
### LTE Band 26 / 1.4MHz

#### Lowest Channel / QPSK



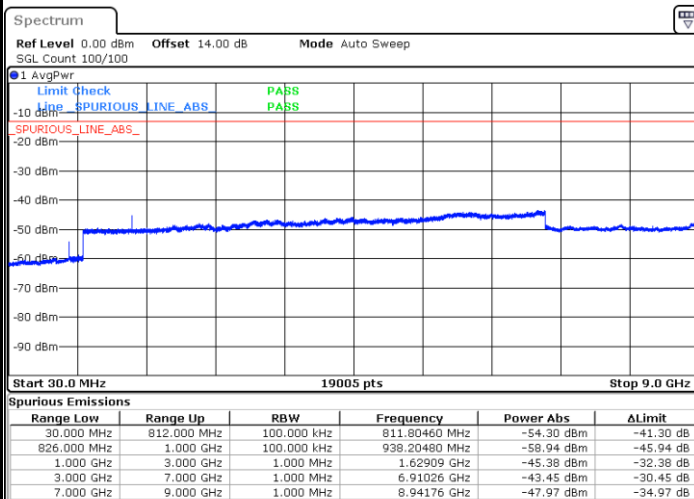
Date: 11.JUL.2022 19:34:56

#### Lowest Channel / 16QAM



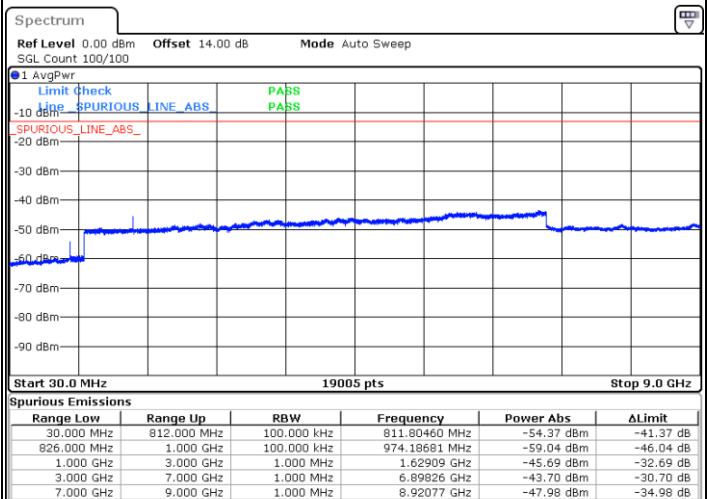
Date: 11.JUL.2022 19:35:37

#### Middle Channel / QPSK



Date: 11.JUL.2022 19:36:19

#### Middle Channel / 16QAM

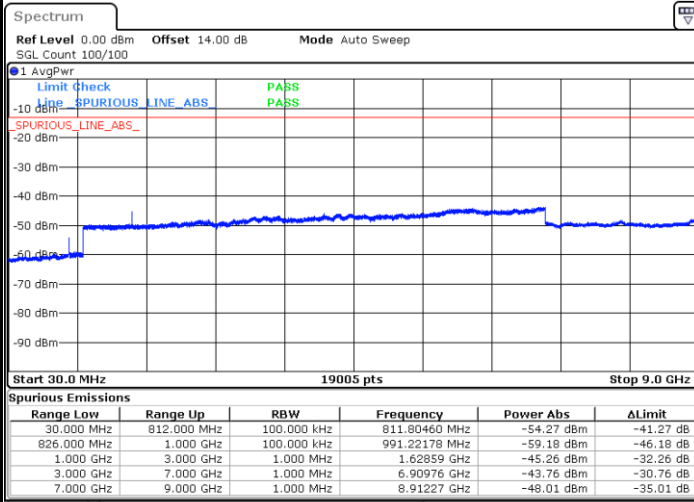


Date: 11.JUL.2022 19:37:00



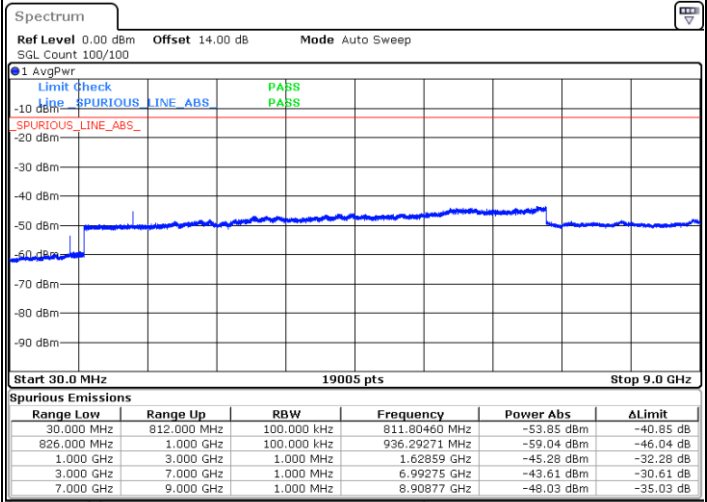
## LTE Band 26 / 1.4MHz

## Highest Channel / QPSK



Date: 11.JUL.2022 19:37:41

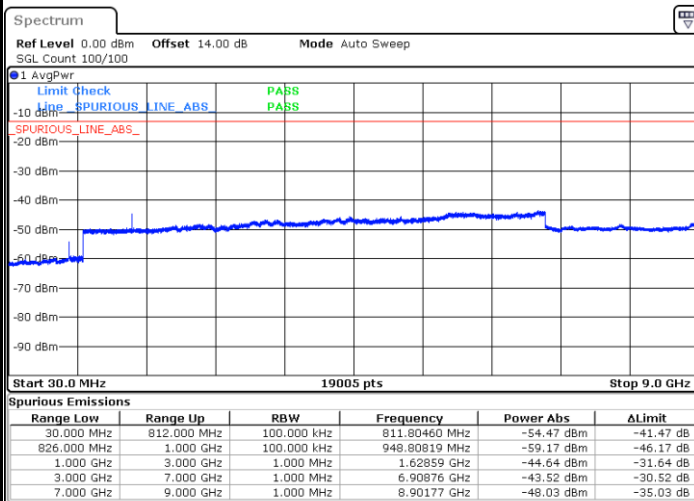
## Highest Channel / 16QAM



Date: 11.JUL.2022 19:38:23

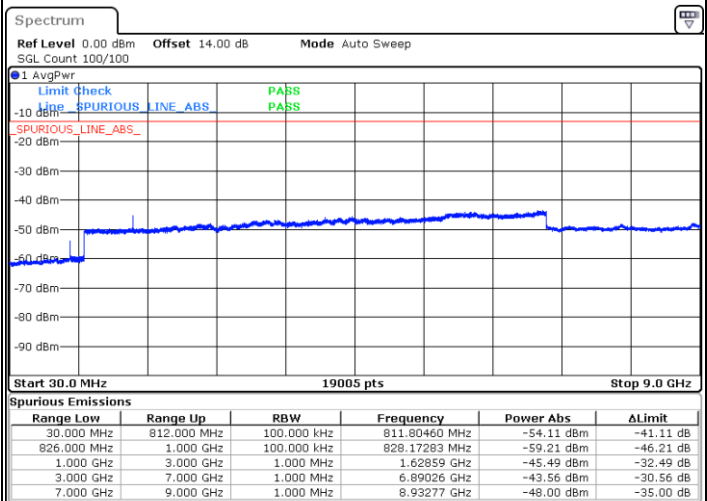
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



Date: 11.JUL.2022 19:41:08

## Lowest Channel / 16QAM

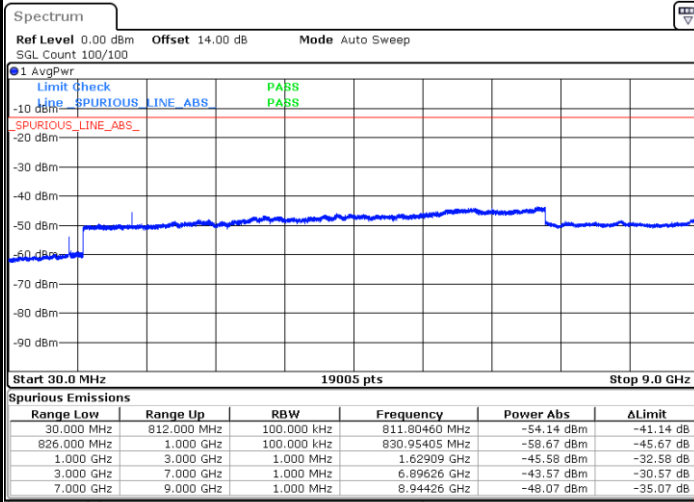


Date: 11.JUL.2022 19:41:49



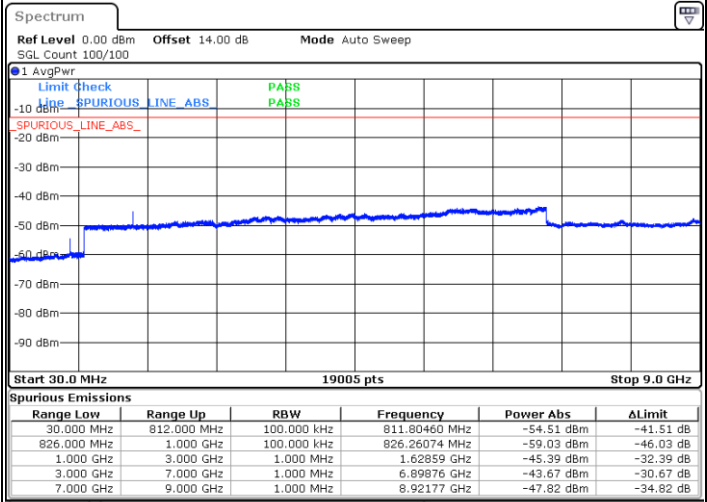
## LTE Band 26 / 3MHz

## Middle Channel / QPSK



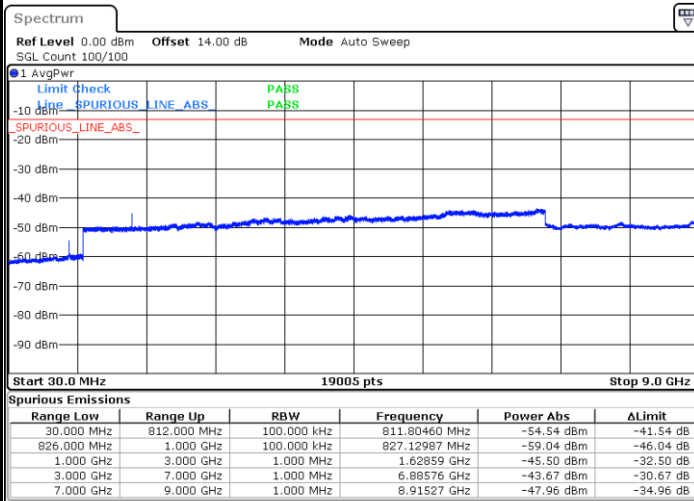
Date: 11.JUL.2022 19:42:31

## Middle Channel / 16QAM



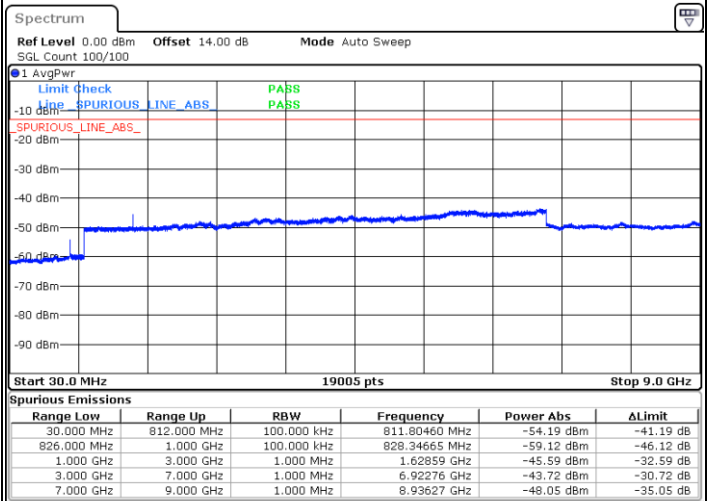
Date: 11.JUL.2022 19:43:12

## Highest Channel / QPSK



Date: 11.JUL.2022 19:43:54

## Highest Channel / 16QAM

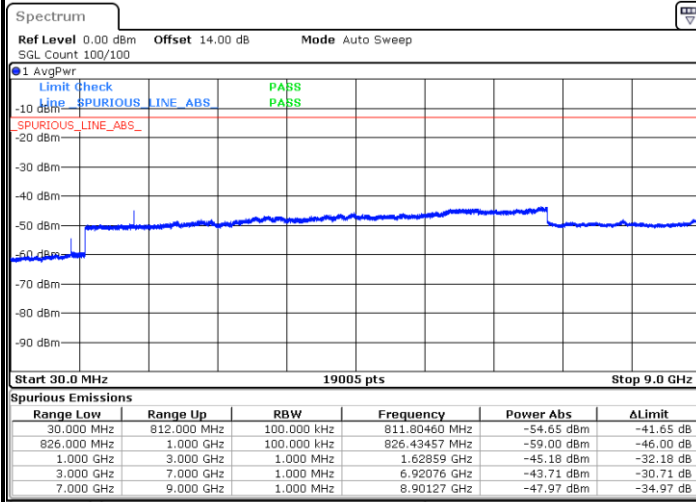


Date: 11.JUL.2022 19:44:35



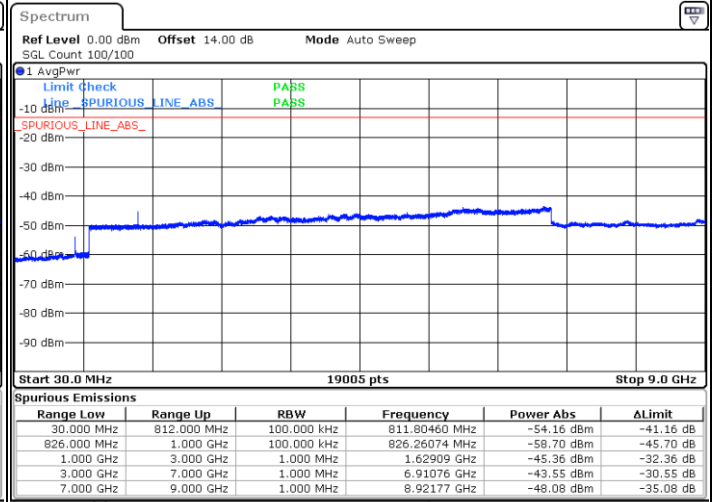
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



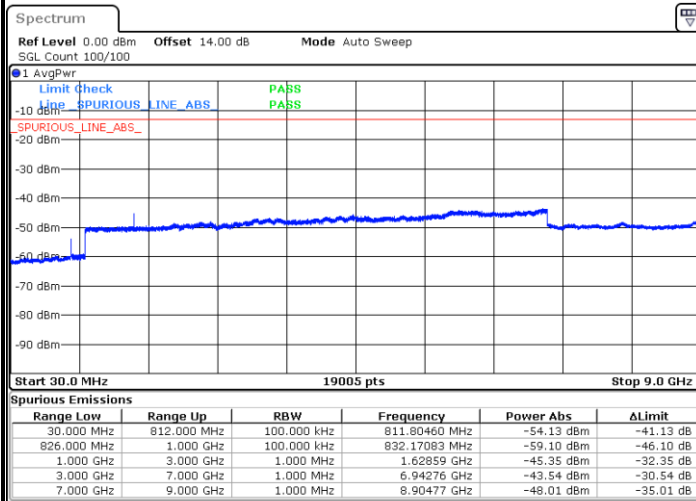
Date: 11.JUL.2022 19:47:21

## Lowest Channel / 16QAM



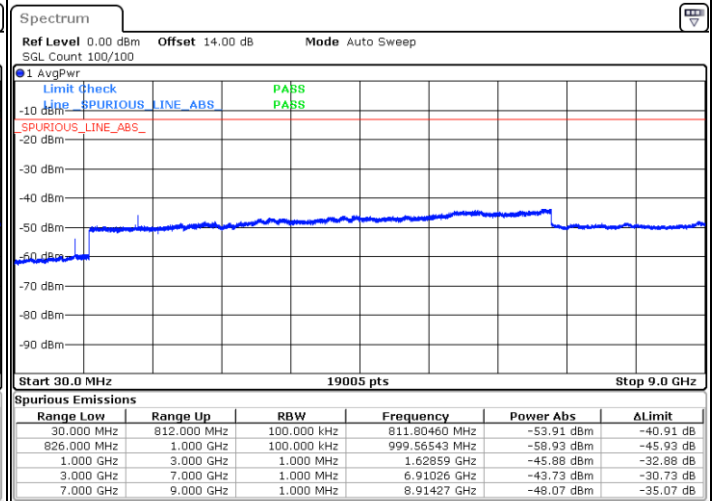
Date: 11.JUL.2022 19:48:02

## Middle Channel / QPSK



Date: 11.JUL.2022 19:48:43

## Middle Channel / 16QAM

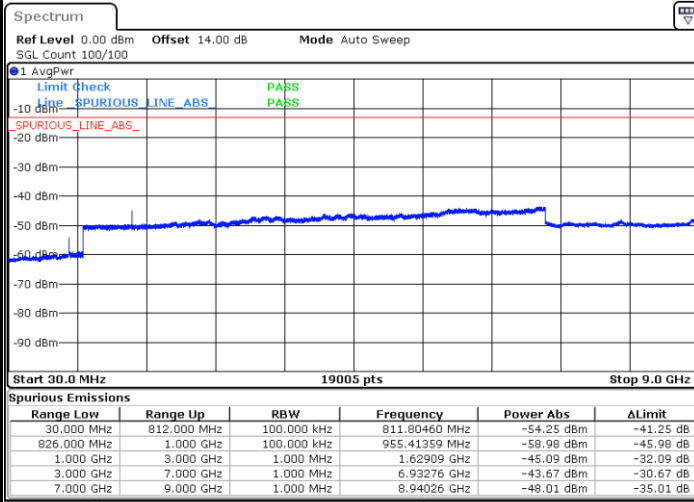


Date: 11.JUL.2022 19:49:25



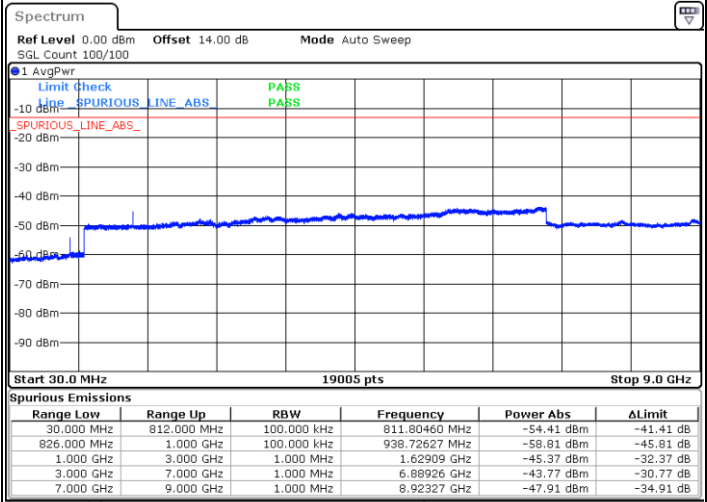
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 11.JUL.2022 19:50:06

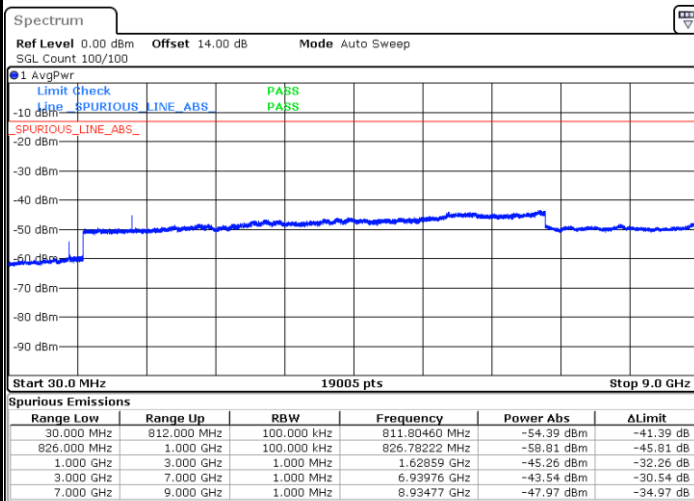
## Highest Channel / 16QAM



Date: 11.JUL.2022 19:50:47

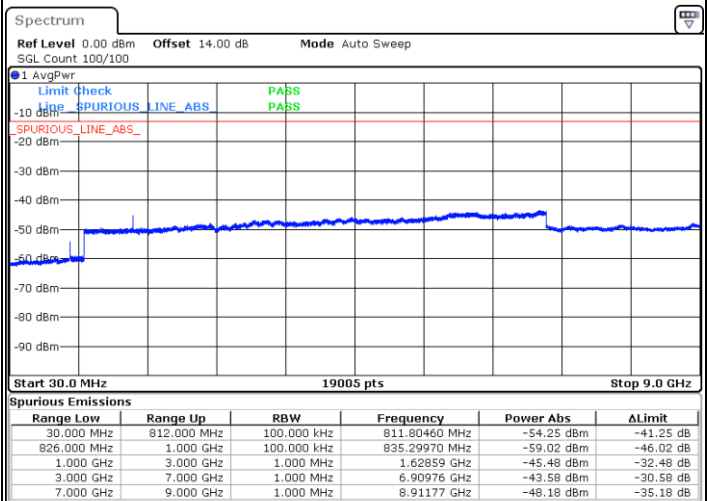
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



Date: 11.JUL.2022 19:53:33

## Middle Channel / 16QAM

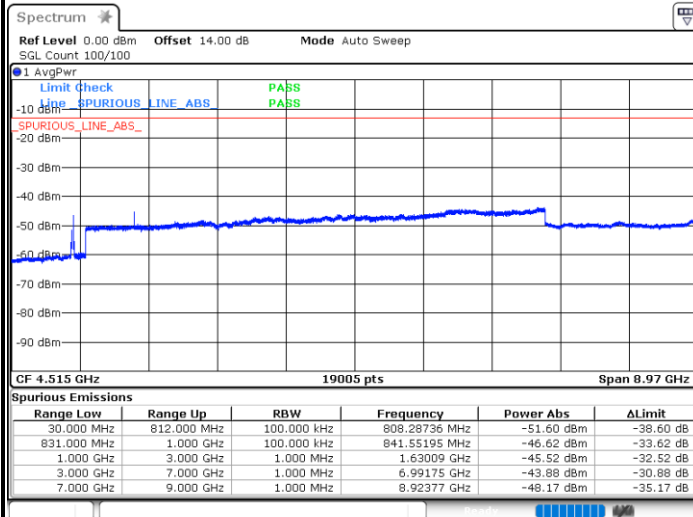


Date: 11.JUL.2022 19:54:14



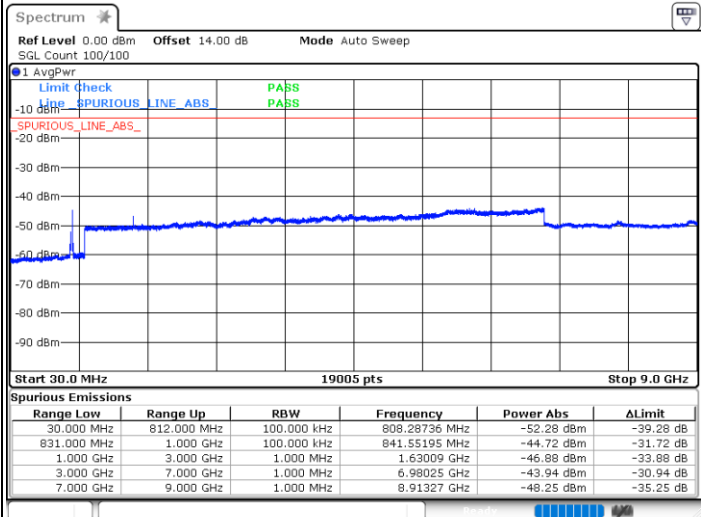
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



Date: 15.JUL.2022 15:04:46

## Lowest Channel / 16QAM

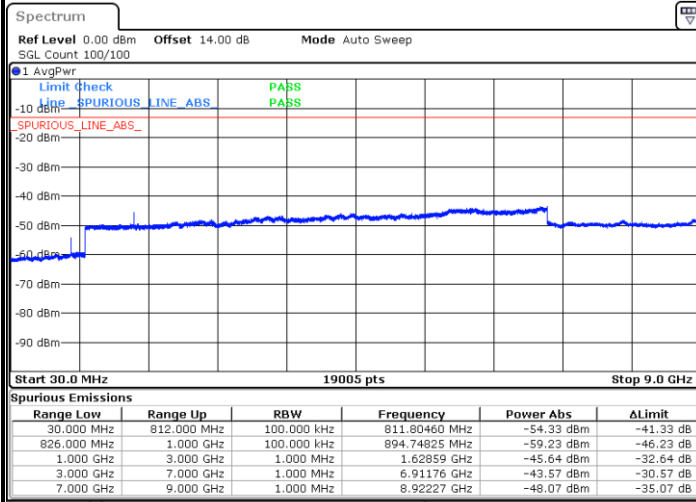


Date: 15.JUL.2022 15:05:41



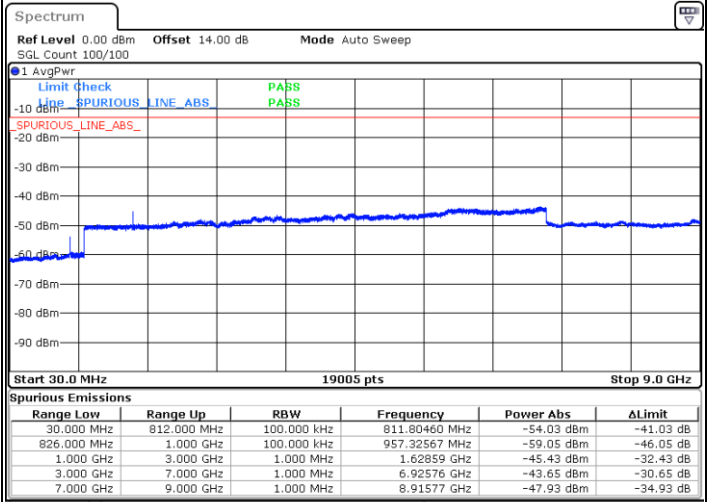
## LTE Band 26 / 1.4MHz

## Lowest Channel / 64QAM



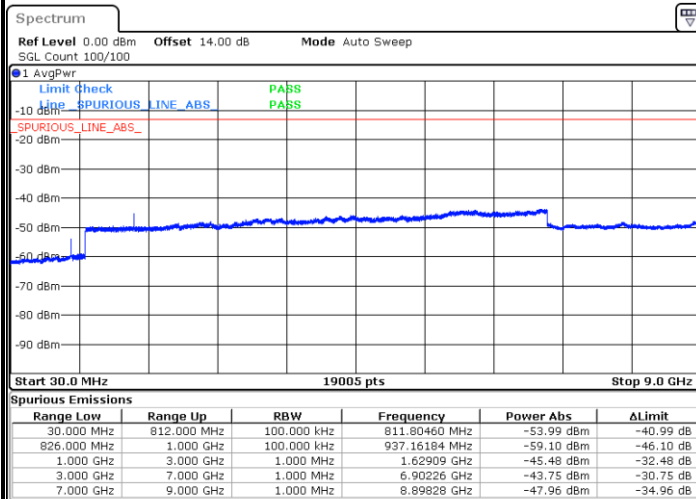
Date: 11.JUL.2022 19:39:04

## Middle Channel / 64QAM



Date: 11.JUL.2022 19:39:45

## Highest Channel / 64QAM

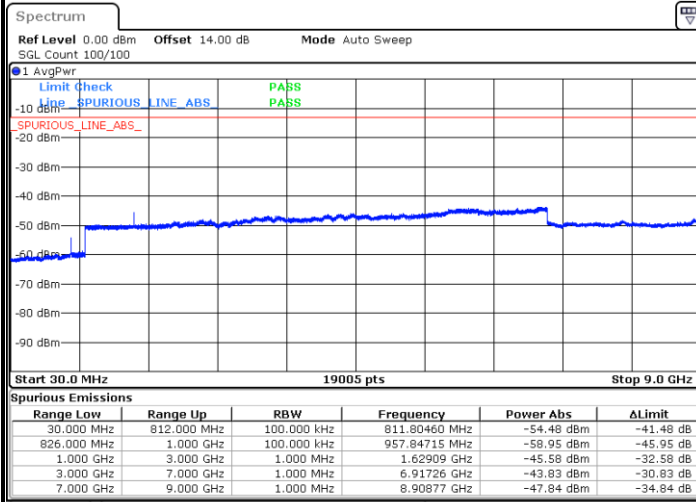


Date: 11.JUL.2022 19:40:27



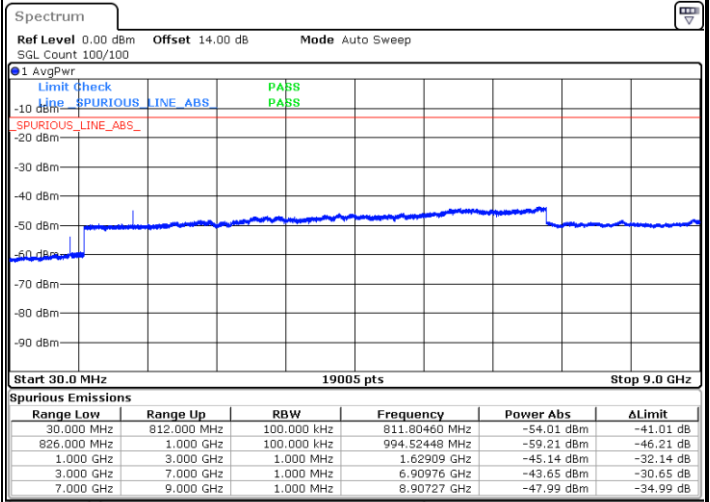
## LTE Band 26 / 3MHz

## Lowest Channel / 64QAM



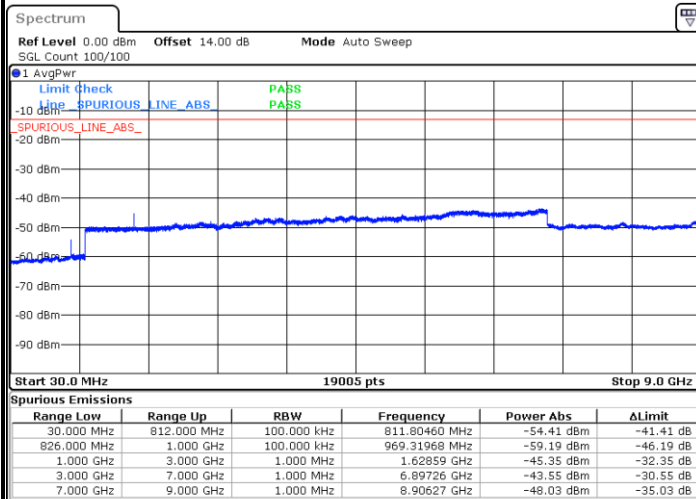
Date: 11.JUL.2022 19:45:16

## Middle Channel / 64QAM



Date: 11.JUL.2022 19:45:58

## Highest Channel / 64QAM

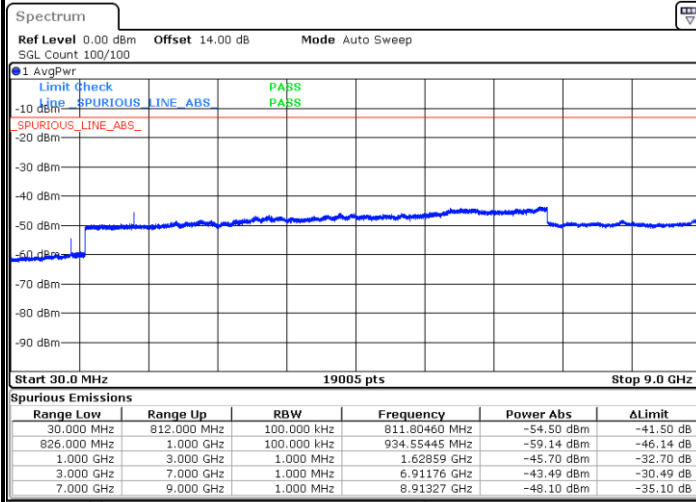


Date: 11.JUL.2022 19:46:39



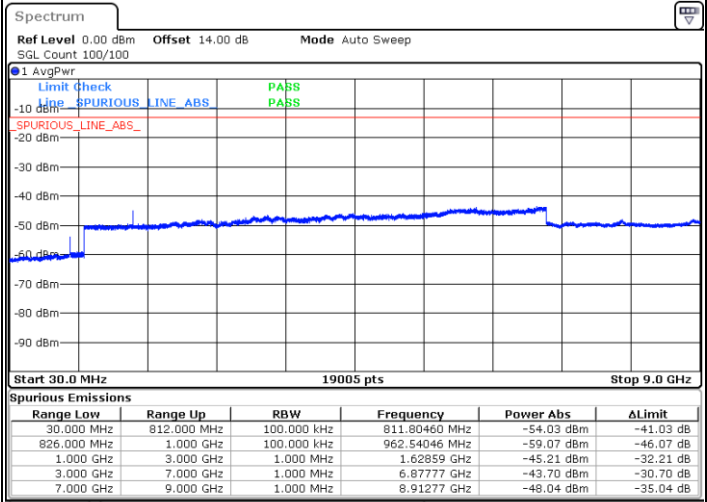
## LTE Band 26 / 5MHz

## Lowest Channel / 64QAM



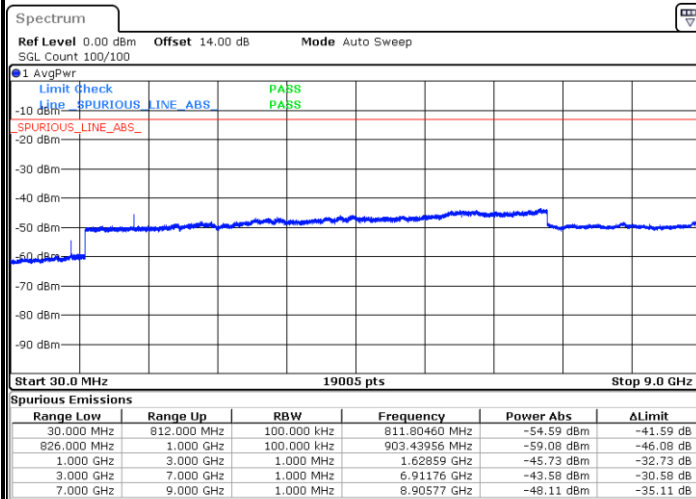
Date: 11.JUL.2022 19:51:29

## Middle Channel / 64QAM

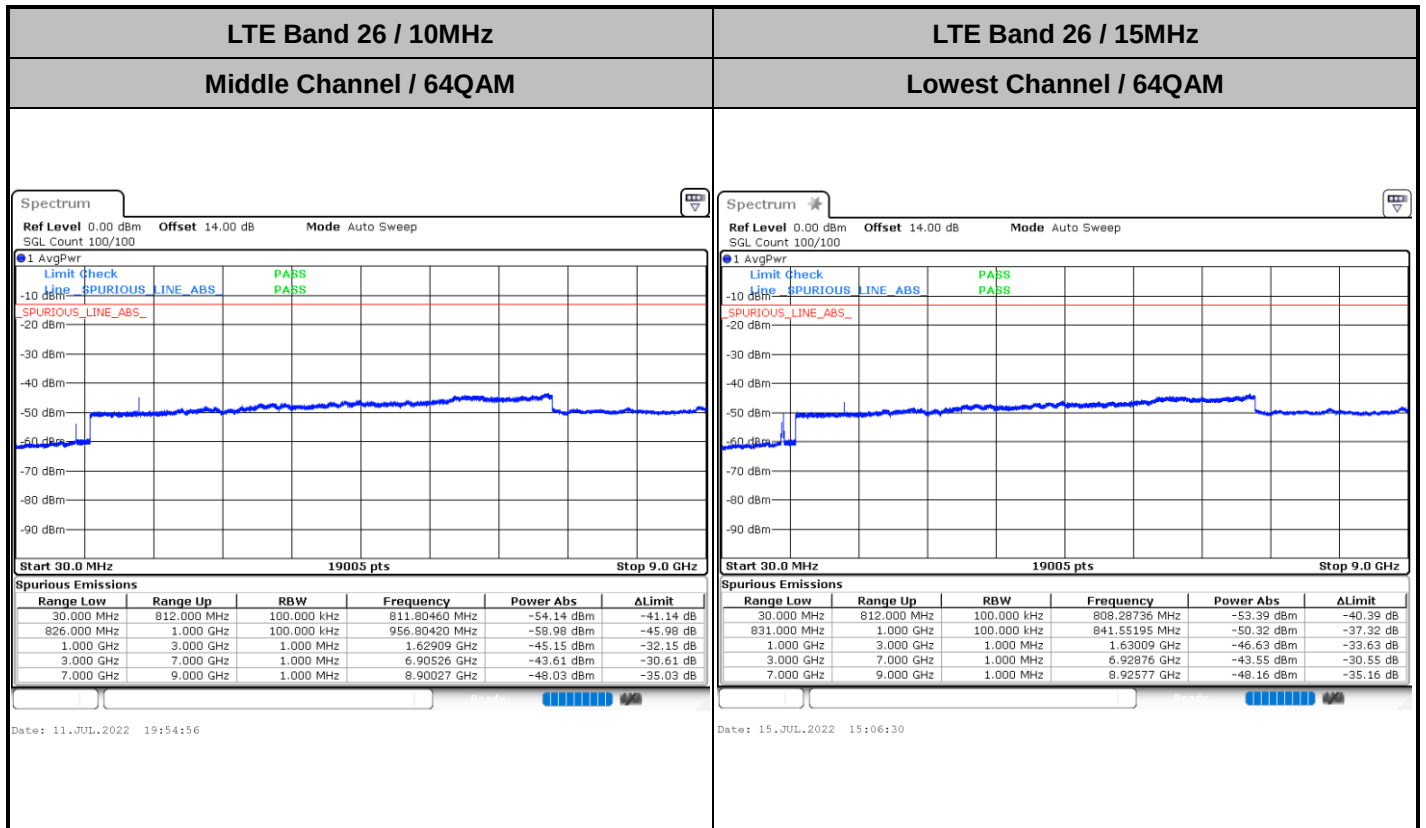


Date: 11.JUL.2022 19:52:10

## Highest Channel / 64QAM



Date: 11.JUL.2022 19:52:52



## 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    | 0.0001                              | PASS    |
| 40               | Normal Voltage    | 0.0007                              |         |
| 30               | Normal Voltage    | 0.0022                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0010                              |         |
| 0                | Normal Voltage    | 0.0034                              |         |
| -10              | Normal Voltage    | 0.0048                              |         |
| -20              | Normal Voltage    | 0.0032                              |         |
| -30              | Normal Voltage    | 0.0038                              |         |
| 20               | Maximum Voltage   | 0.0006                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0006                              |         |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.

| Test Conditions     |                   | LTE Band 26 (QPSK) / Low Channel | Limit   |
|---------------------|-------------------|----------------------------------|---------|
| Temperature<br>(°C) | Voltage<br>(Volt) | BW 15MHz                         | Note 2. |
|                     |                   | Deviation<br>(ppm)               | Result  |
| 50                  | Normal Voltage    | 0.0016                           | PASS    |
| 40                  | Normal Voltage    | 0.0022                           |         |
| 30                  | Normal Voltage    | 0.0037                           |         |
| 20(Ref.)            | Normal Voltage    | 0.0000                           |         |
| 10                  | Normal Voltage    | 0.0005                           |         |
| 0                   | Normal Voltage    | 0.0020                           |         |
| -10                 | Normal Voltage    | 0.0033                           |         |
| -20                 | Normal Voltage    | 0.0017                           |         |
| -30                 | Normal Voltage    | 0.0023                           |         |
| 20                  | Maximum Voltage   | 0.0021                           |         |
| 20                  | Normal Voltage    | 0.0000                           |         |
| 20                  | Battery End Point | 0.0021                           |         |

**Note:**

1. Normal Voltage =3.87 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.45 V.
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

|                 |            |                     |         |
|-----------------|------------|---------------------|---------|
| Test Engineer : | Wenbo Xiao | Temperature :       | 22~25°C |
|                 |            | Relative Humidity : | 48~52%  |

Note: Pre-scanned harmonic for all the supported antennas, choose the worst antenna perform final test and record in the report.

| LTE Band 26 / 5MHz / QPSK (ANT11) |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                           | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                            | 1633.5            | -67.01      | -13           | -54.01            | -74.67            | -70.26             | 4.00                 | 9.40                  | H                  |
|                                   | 2450.25           | -64.84      | -13           | -51.84            | -76.39            | -68.41             | 4.88                 | 10.60                 | H                  |
|                                   | 3267              | -62.66      | -13           | -49.66            | -77.65            | -67.59             | 5.52                 | 12.60                 | H                  |
|                                   | 1633.5            | -67.14      | -13           | -54.14            | -74.75            | -70.39             | 4.00                 | 9.40                  | V                  |
|                                   | 2450.25           | -64.99      | -13           | -51.99            | -76.52            | -68.56             | 4.88                 | 10.60                 | V                  |
|                                   | 3267              | -62.69      | -13           | -49.69            | -77.54            | -67.62             | 5.52                 | 12.60                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 26 / 10MHz / QPSK (ANT11) |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Middle                             | 1629              | -66.60      | -13           | -53.60            | -74.36            | -69.85             | 4.00                 | 9.40                  | H                  |
|                                    | 2443.5            | -64.87      | -13           | -51.87            | -76.41            | -68.44             | 4.88                 | 10.60                 | H                  |
|                                    | 3258              | -63.20      | -13           | -50.20            | -78.22            | -68.13             | 5.52                 | 12.60                 | H                  |
|                                    | 1629              | -66.85      | -13           | -53.85            | -74.53            | -70.10             | 4.00                 | 9.40                  | V                  |
|                                    | 2443.5            | -64.68      | -13           | -51.68            | -76.19            | -68.25             | 4.88                 | 10.60                 | V                  |
|                                    | 3258              | -62.84      | -13           | -49.84            | -77.70            | -67.77             | 5.52                 | 12.60                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.

| LTE Band 26 / 15MHz / QPSK (ANT11) |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| Channel                            | Frequency ( MHz ) | ERP ( dBm ) | Limit ( dBm ) | Over Limit ( dB ) | SPA Reading (dBm) | S.G. Power ( dBm ) | TX Cable loss ( dB ) | TX Antenna Gain (dBi) | Polarization (H/V) |
| Lowest                             | 1629.5            | -66.67      | -13           | -53.67            | -74.42            | -69.92             | 4.00                 | 9.40                  | H                  |
|                                    | 2444.25           | -64.85      | -13           | -51.85            | -76.39            | -68.42             | 4.88                 | 10.60                 | H                  |
|                                    | 3259              | -63.11      | -13           | -50.11            | -78.13            | -68.04             | 5.52                 | 12.60                 | H                  |
|                                    | 1629.5            | -67.16      | -13           | -54.16            | -74.84            | -70.41             | 4.00                 | 9.40                  | V                  |
|                                    | 2444.25           | -64.88      | -13           | -51.88            | -76.39            | -68.45             | 4.88                 | 10.60                 | V                  |
|                                    | 3259              | -62.78      | -13           | -49.78            | -77.64            | -67.71             | 5.52                 | 12.60                 | V                  |

Remark: Spurious emissions within 30-1000MHz were found more than 20dB below limit line.