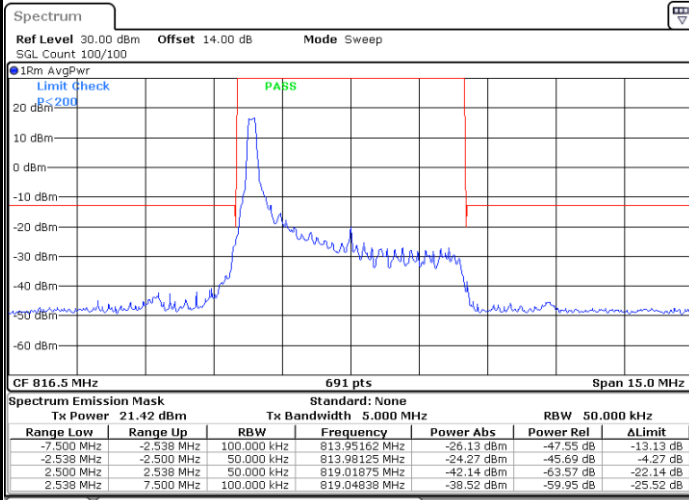




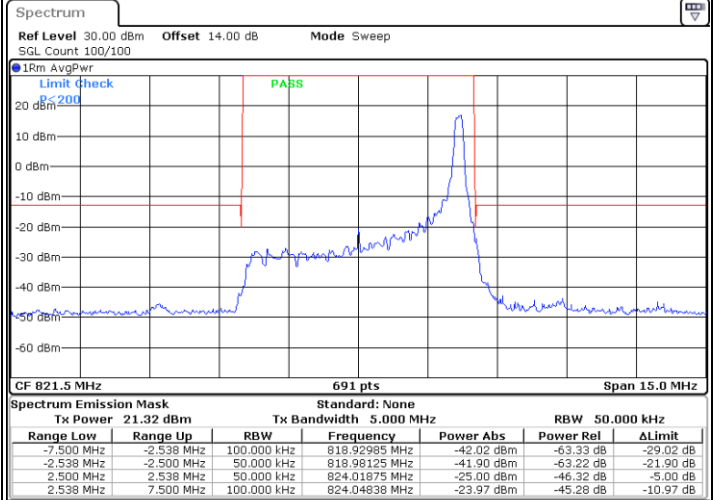
## LTE Band 26 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



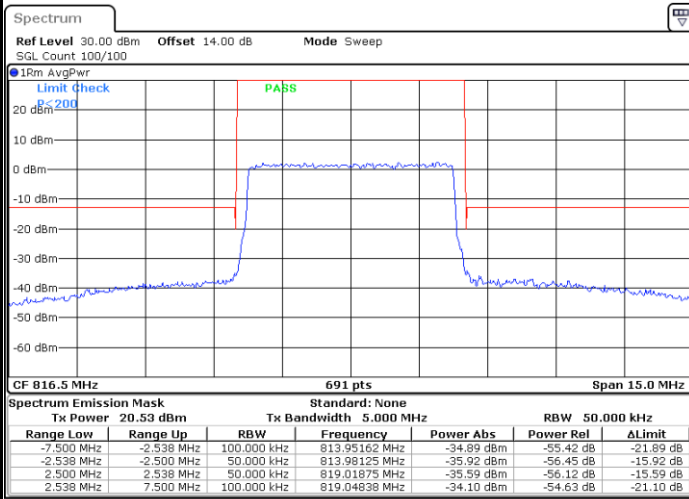
Date: 20 MAY 2019 11:05:53

## Highest Band Edge / 1 RB



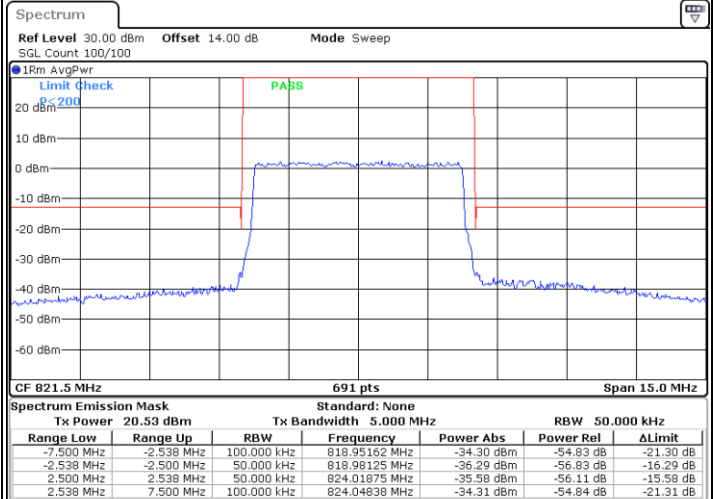
Date: 20 MAY 2019 11:10:32

## Lowest Band Edge / Full RB



Date: 20 MAY 2019 11:08:13

## Highest Band Edge / Full RB

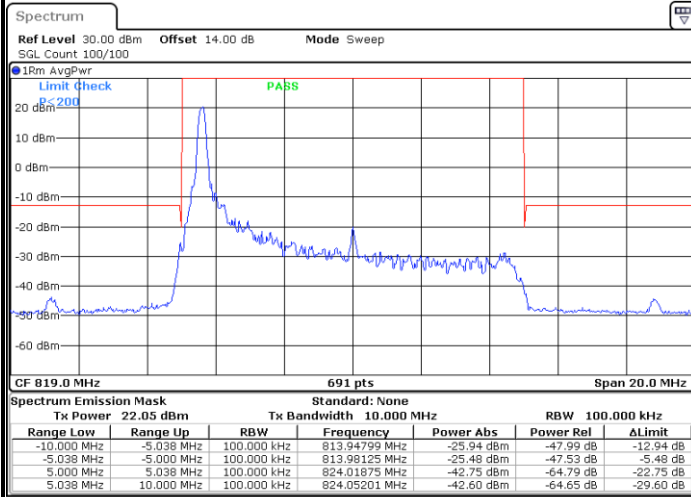


Date: 20 MAY 2019 11:12:53



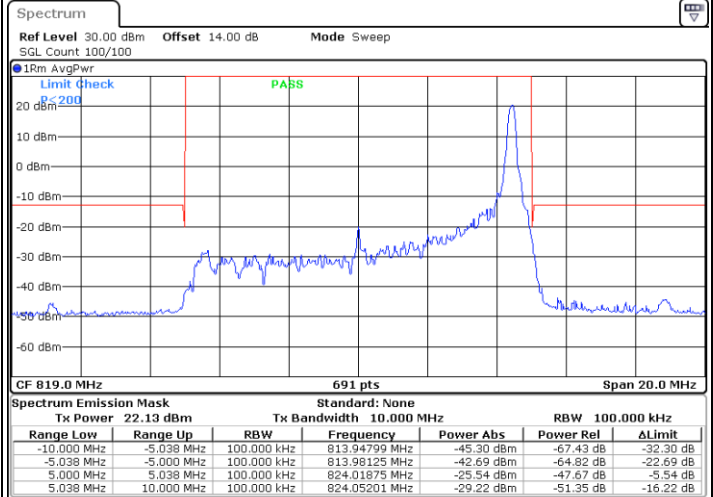
## LTE Band 26 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



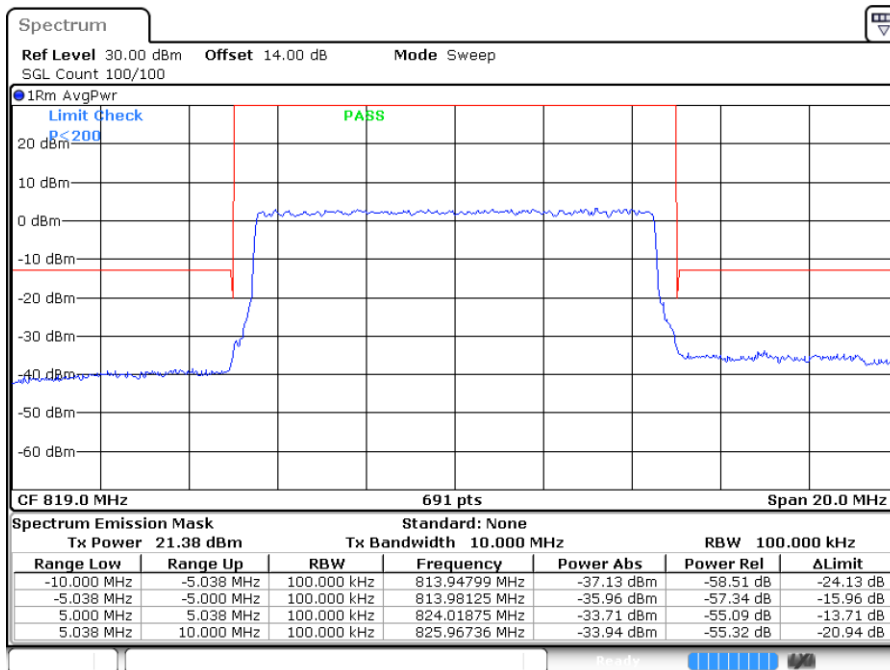
Date: 20 MAY 2019 11:14:02

## Highest Band Edge / 1 RB



Date: 20 MAY 2019 11:16:21

## Band Edge / Full RB

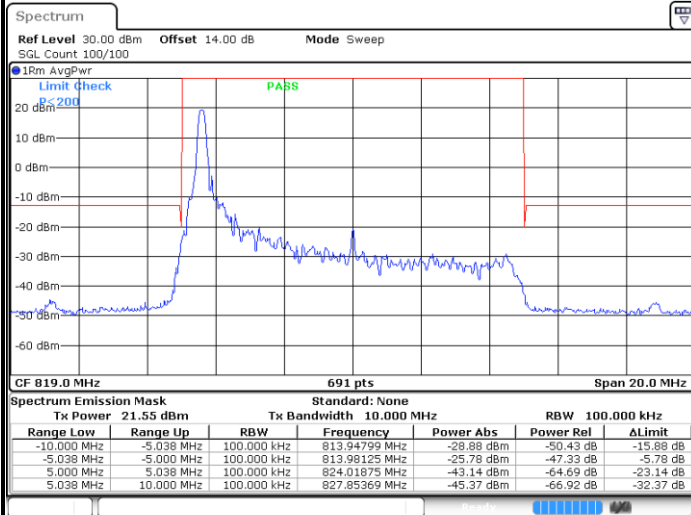


Date: 20 MAY 2019 11:18:41

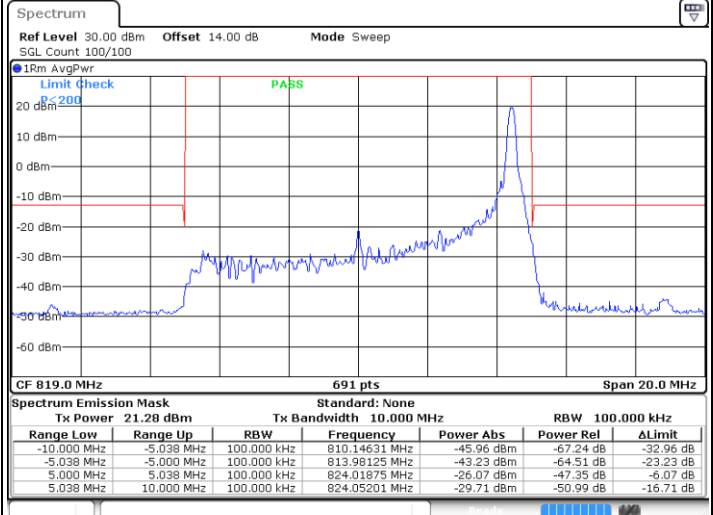


## LTE Band 26 / 10MHz / 16QAM

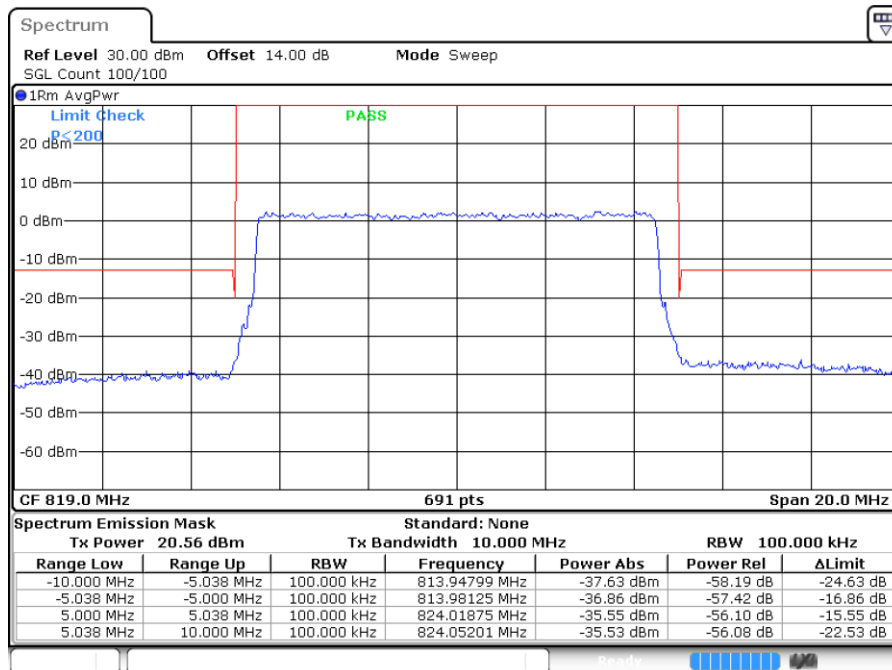
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



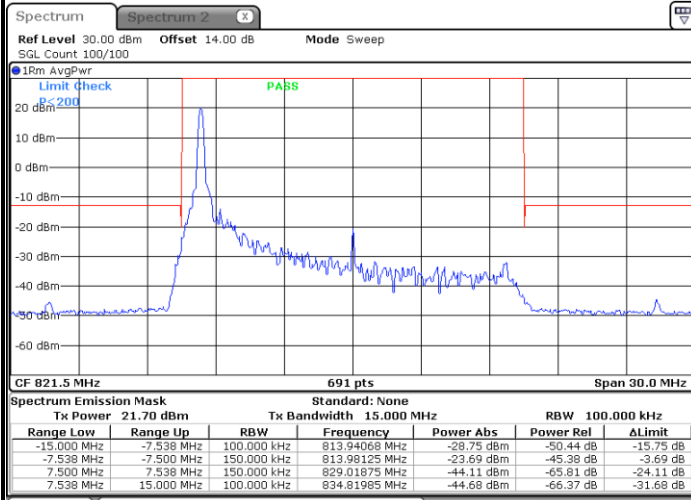
## Band Edge / Full RB



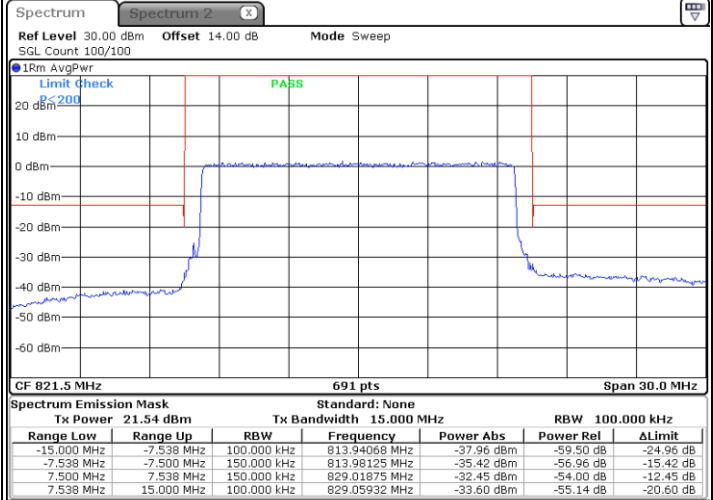


## LTE Band 26 / 15MHz QPSK

## Lowest Band Edge / 1 RB

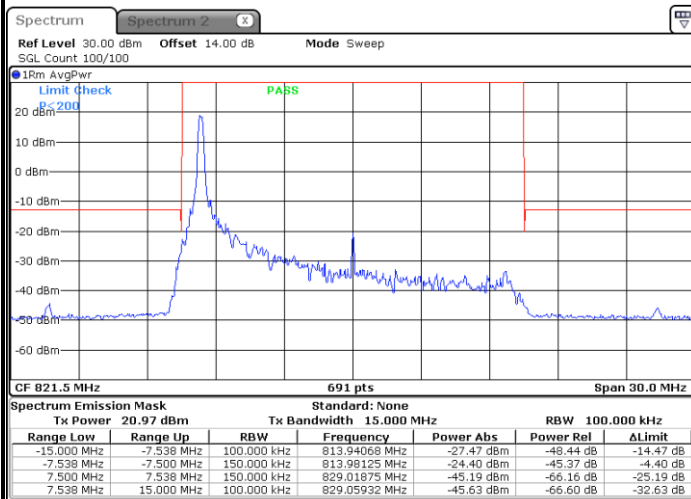


## Lowest Band Edge / Full RB

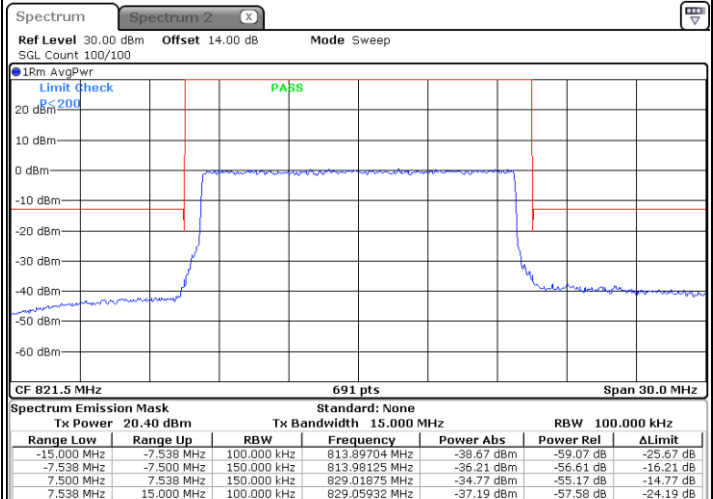


## LTE Band 26 / 15MHz 16QAM

## Lowest Band Edge / 1 RB



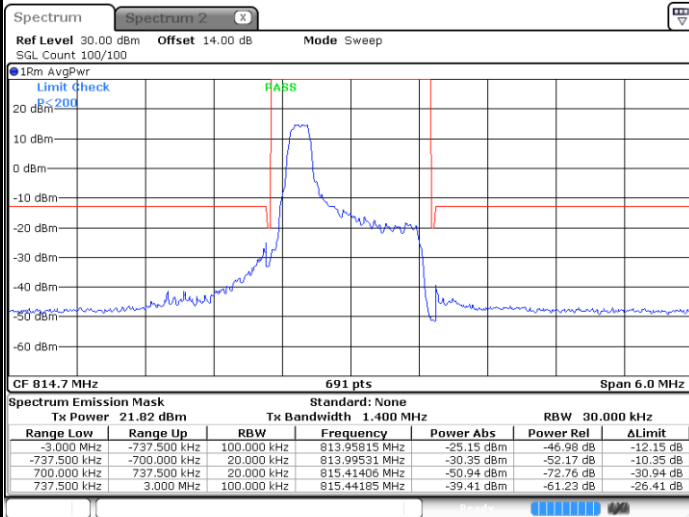
## Lowest Band Edge / Full RB



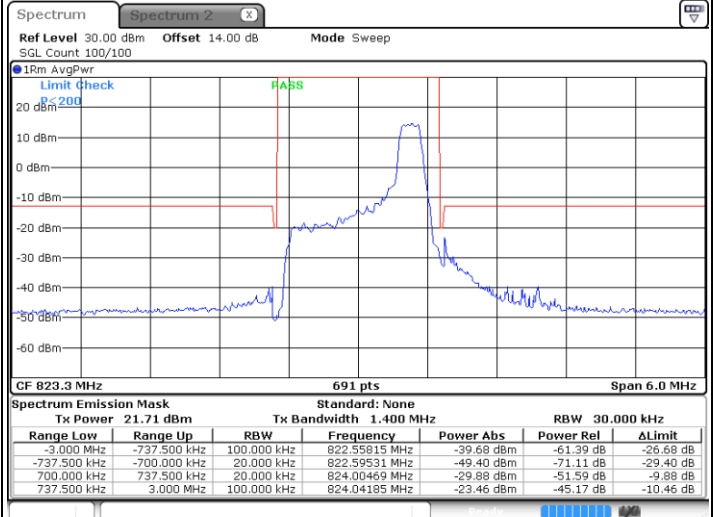


## LTE Band 26/ 1.4MHz / 64QAM

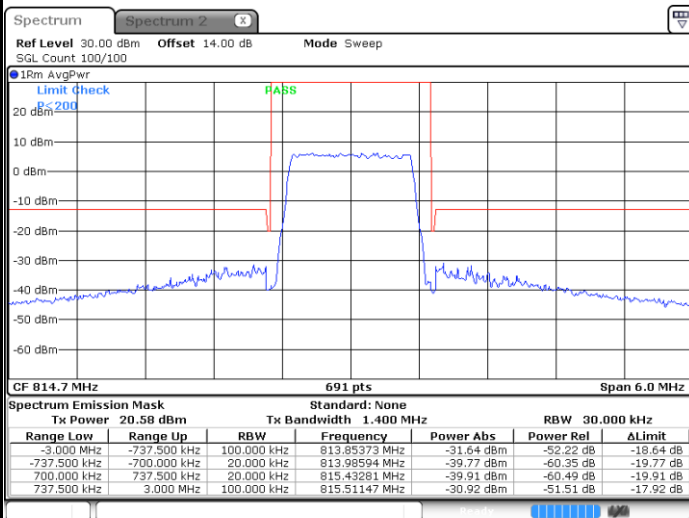
## Lowest Band Edge / 1RB



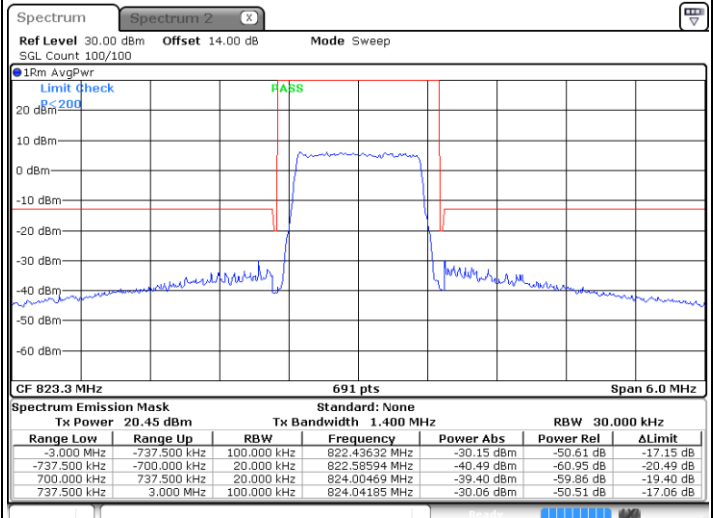
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



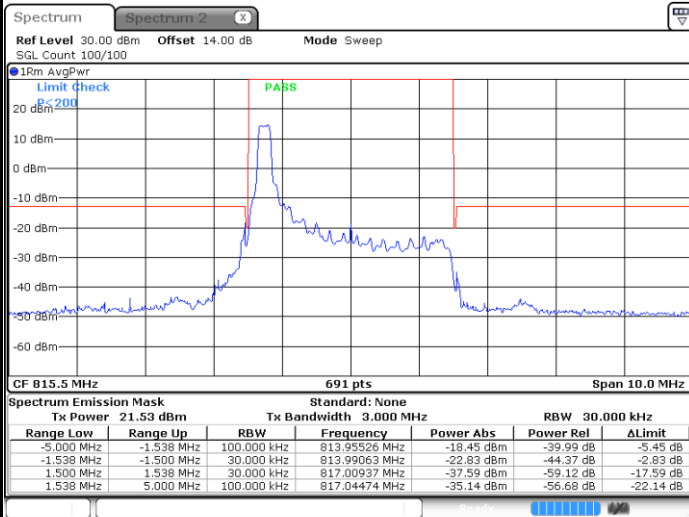
## Highest Band Edge / Full RB



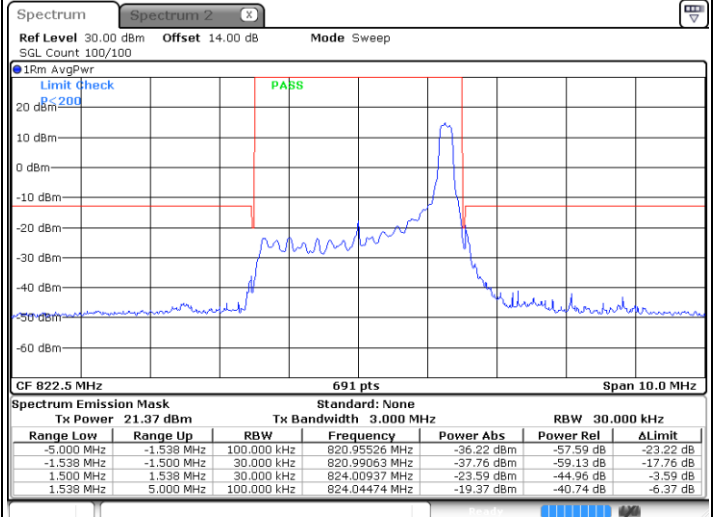


## LTE Band 26/ 3MHz / 64QAM

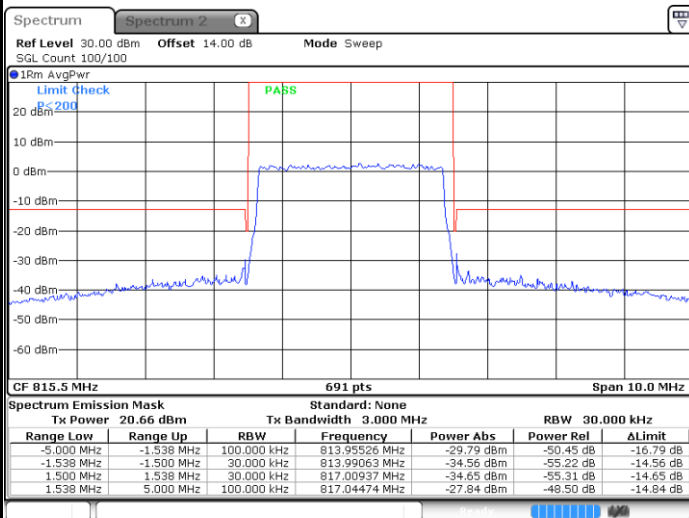
## Lowest Band Edge / 1RB



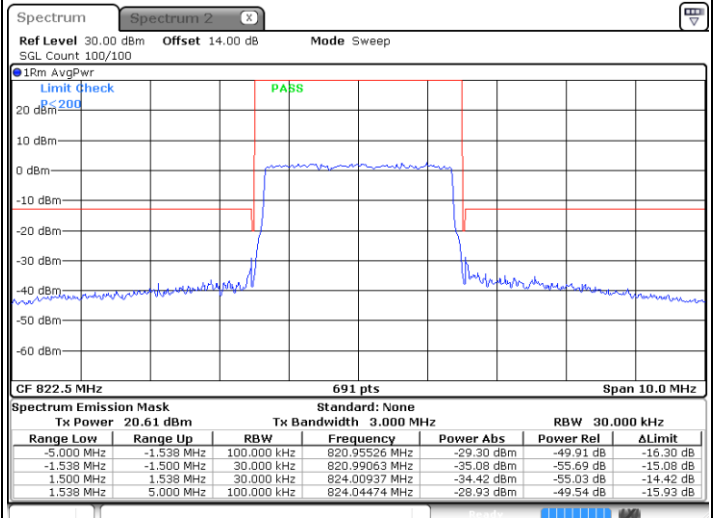
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



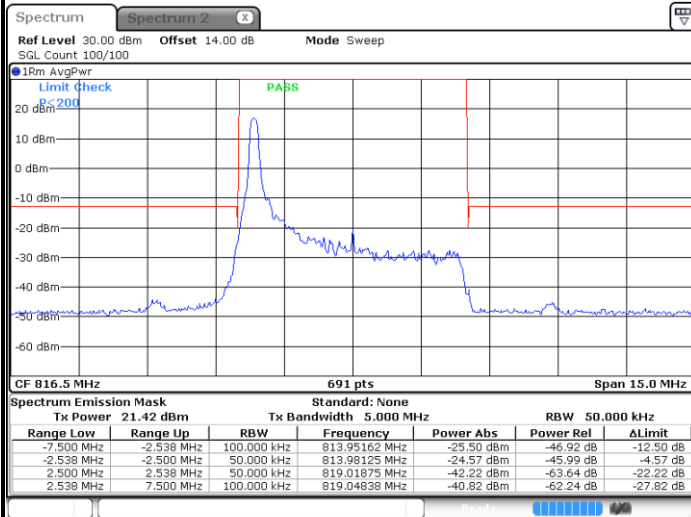
## Highest Band Edge / Full RB



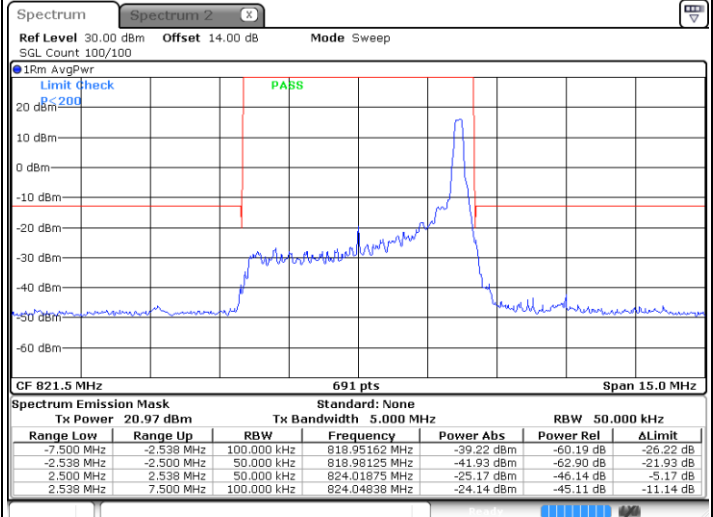


## LTE Band 26/ 5MHz / 64QAM

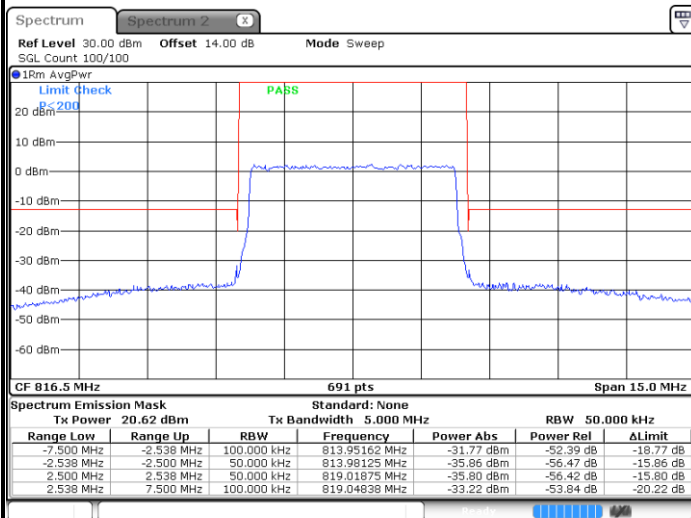
## Lowest Band Edge / 1RB



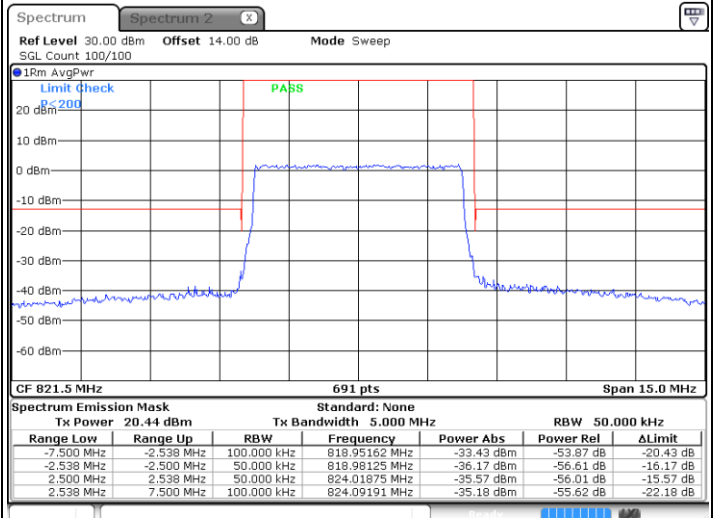
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

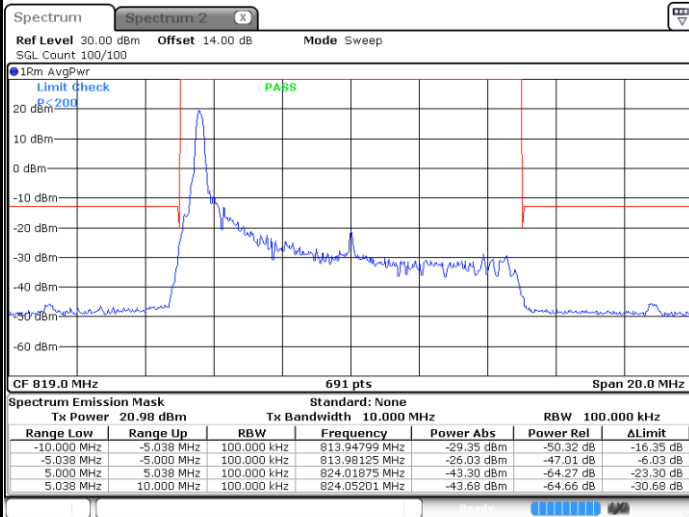






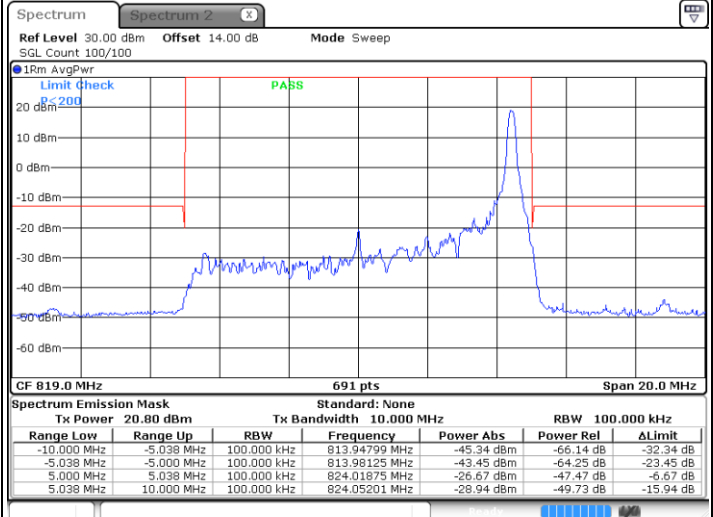
## LTE Band 26/ 10MHz / 64QAM

## Band Edge / 1RB0



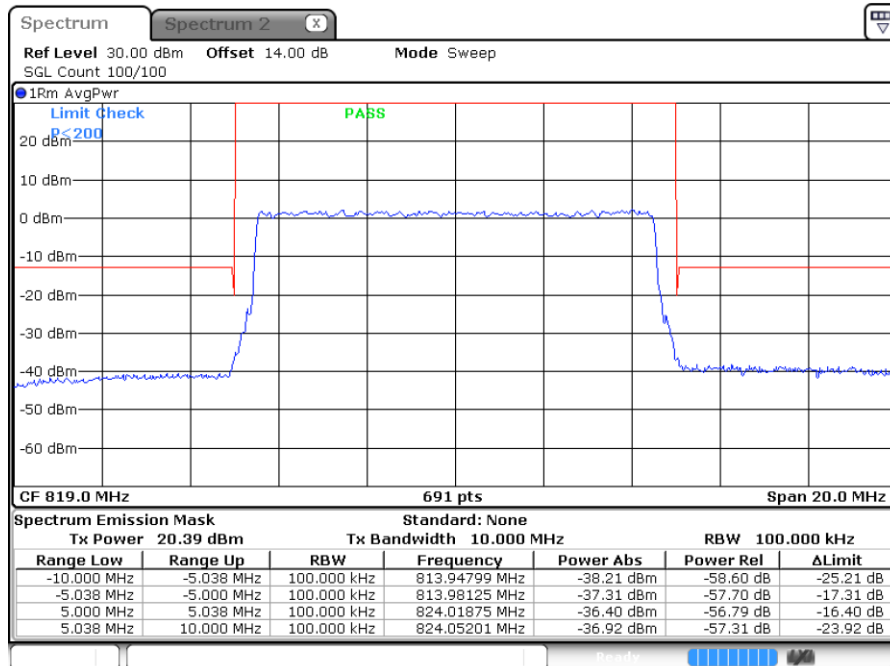
Date: 20 MAY 2019 16:41:21

## Band Edge / 1RBmax



Date: 20 MAY 2019 16:42:29

## Band Edge / Full RB



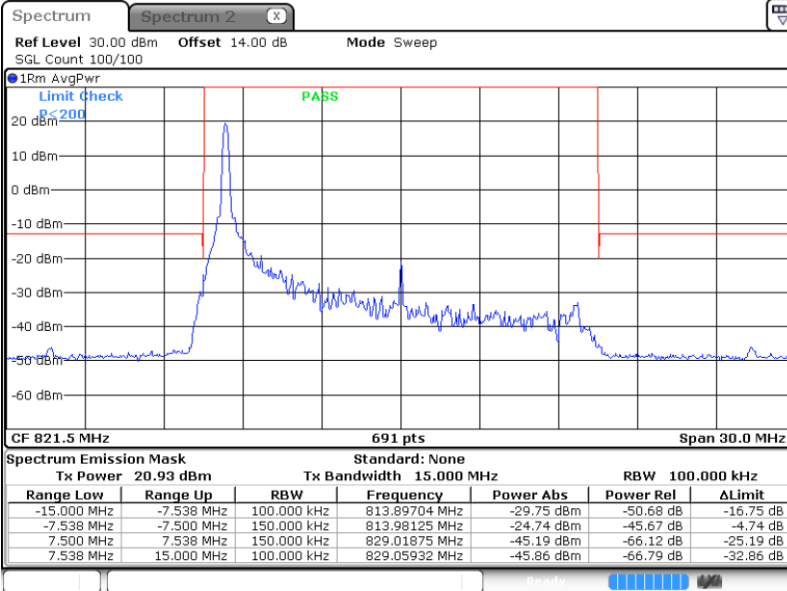
Date: 20 MAY 2019 16:43:38



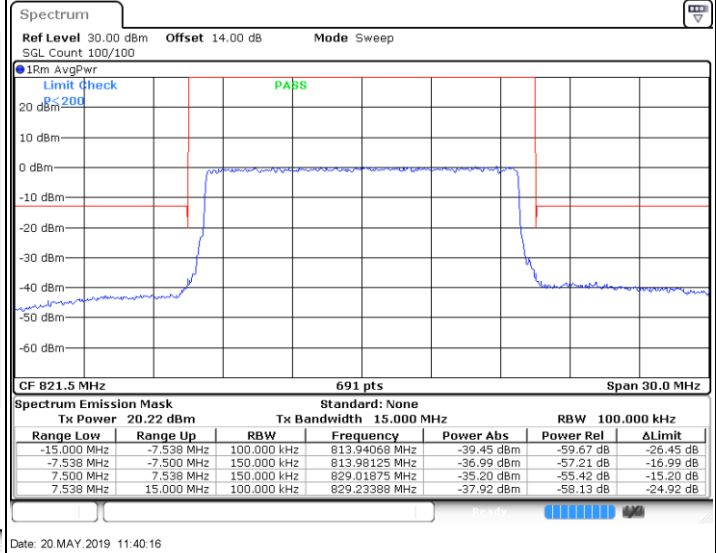


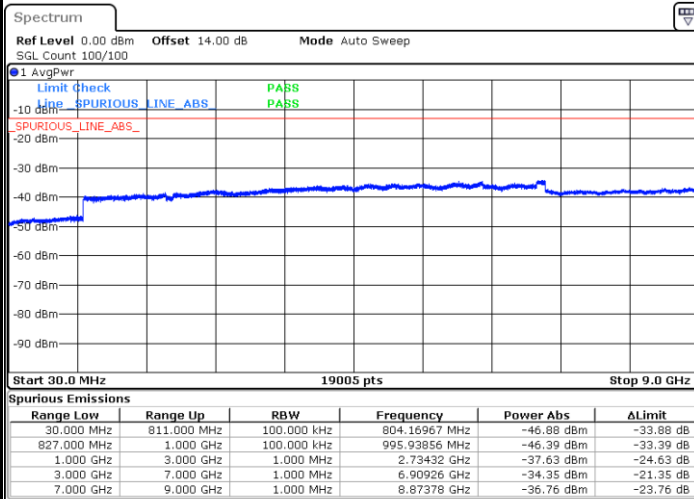
## LTE Band 26/ 15MHz / 64QAM

## Band Edge / 1RB0

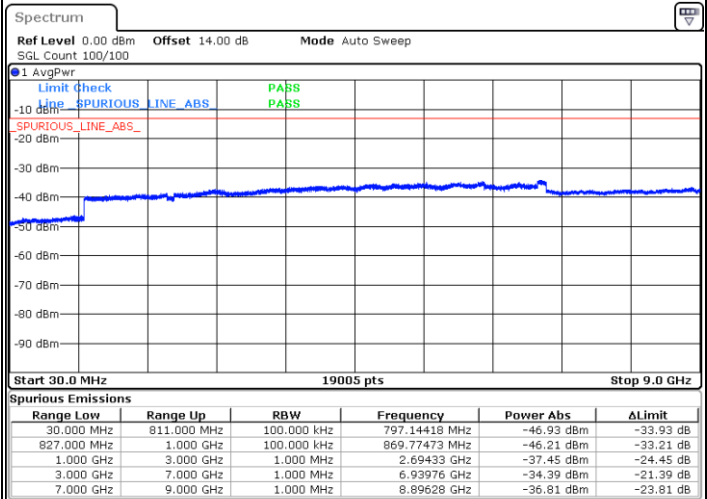


## Band Edge / Full RB

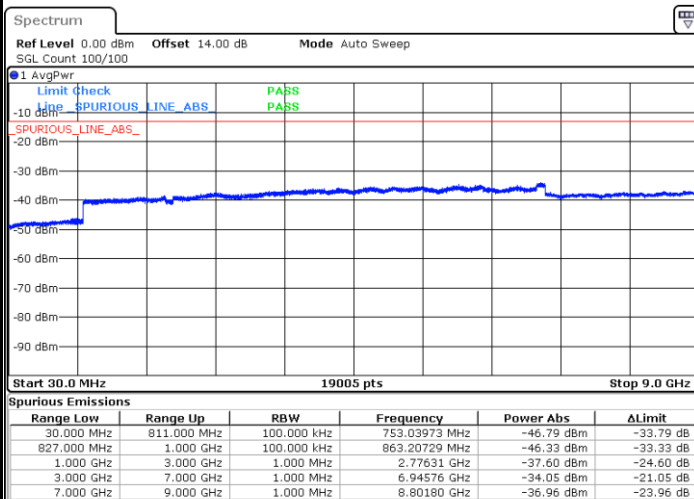


**Conducted Spurious Emission****LTE Band 26 / 1.4MHz****Lowest Channel / QPSK**

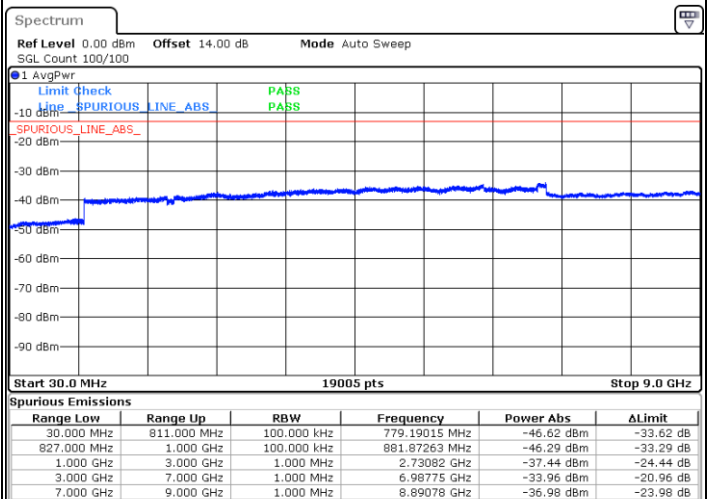
Date: 20 MAY 2019 11:49:43

**Lowest Channel / 16QAM**

Date: 20 MAY 2019 11:50:39

**Middle Channel / QPSK**

Date: 20 MAY 2019 11:52:16

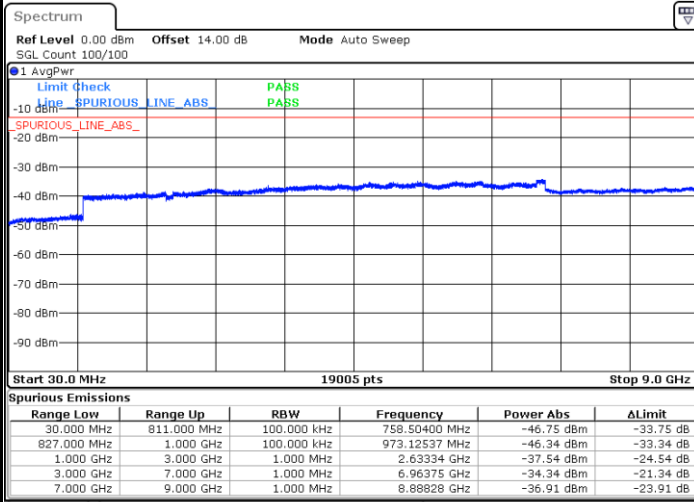
**Middle Channel / 16QAM**

Date: 20 MAY 2019 11:53:12



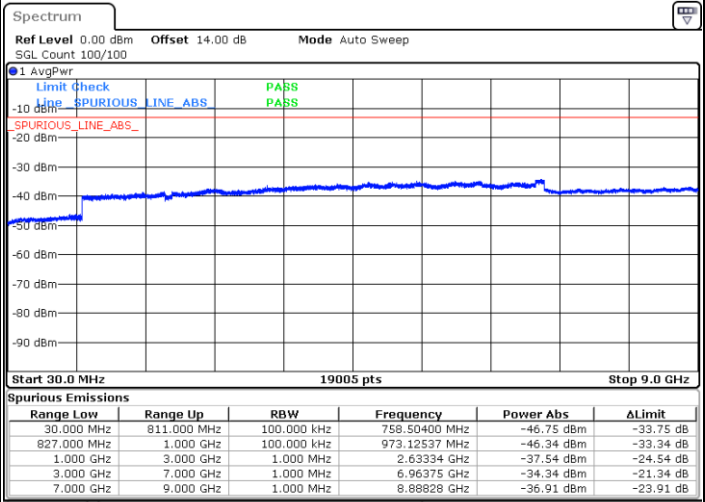
## LTE Band 26 / 1.4MHz

## Highest Channel / QPSK



Date: 20 MAY 2019 11:54:49

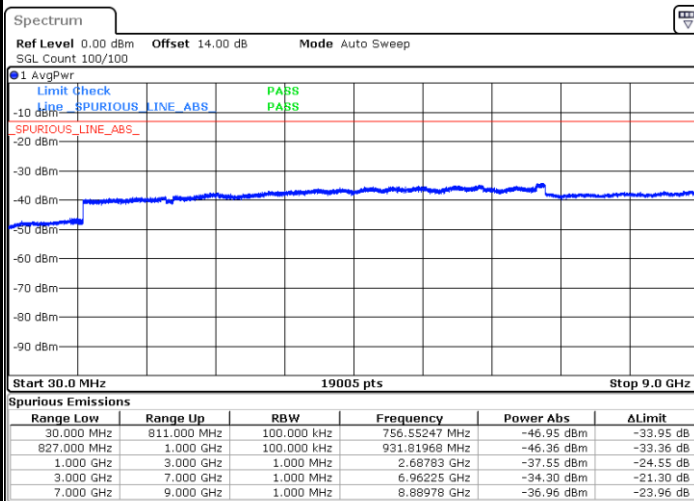
## Highest Channel / 16QAM



Date: 20 MAY 2019 11:54:49

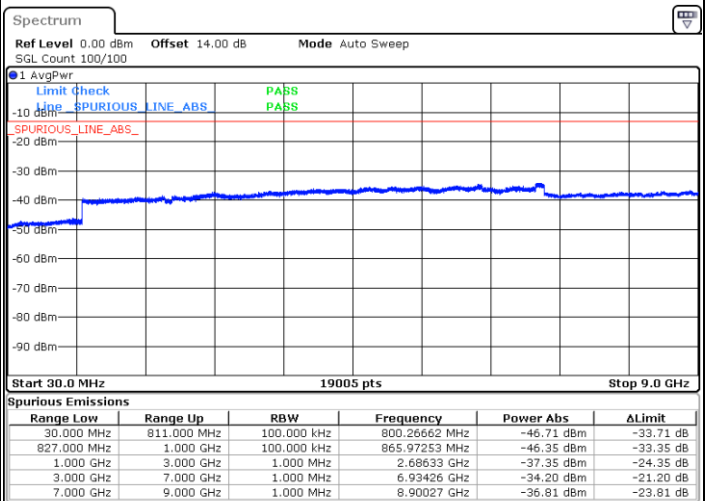
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



Date: 20 MAY 2019 11:57:22

## Lowest Channel / 16QAM

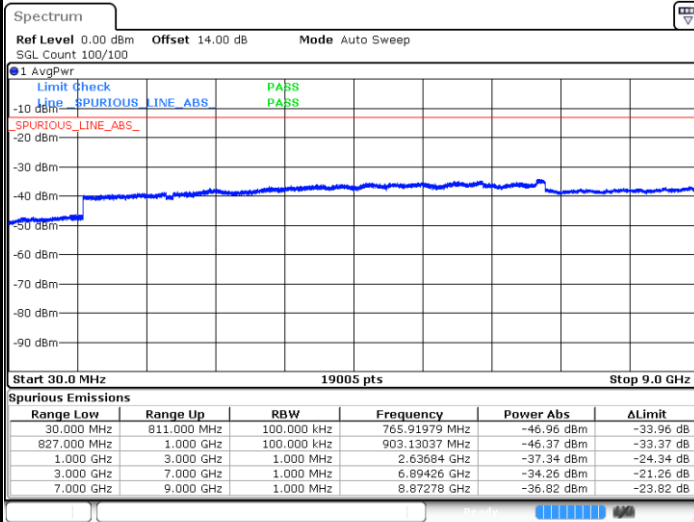


Date: 20 MAY 2019 11:58:18



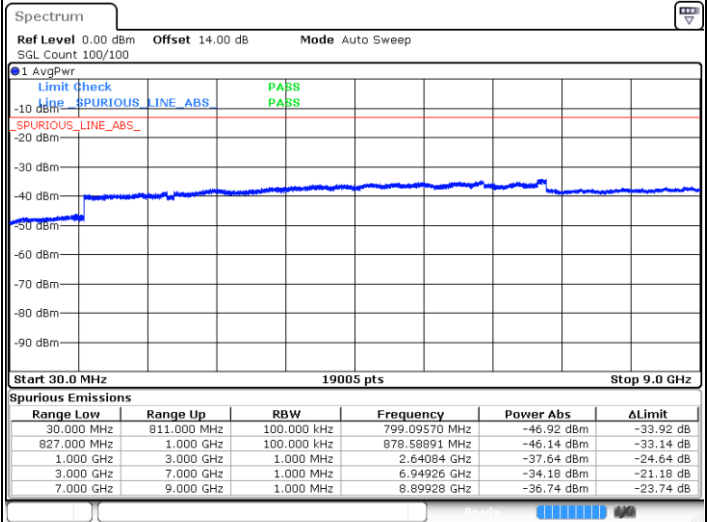
## LTE Band 26 / 3MHz

## Middle Channel / QPSK



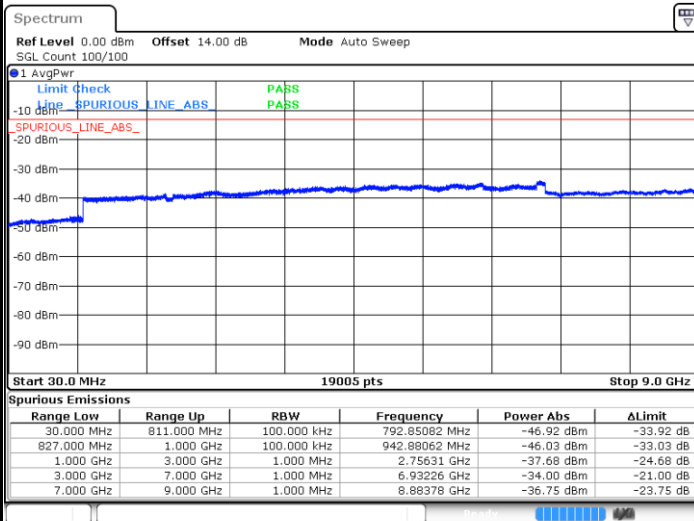
Date: 20 MAY 2019 11:59:54

## Middle Channel / 16QAM



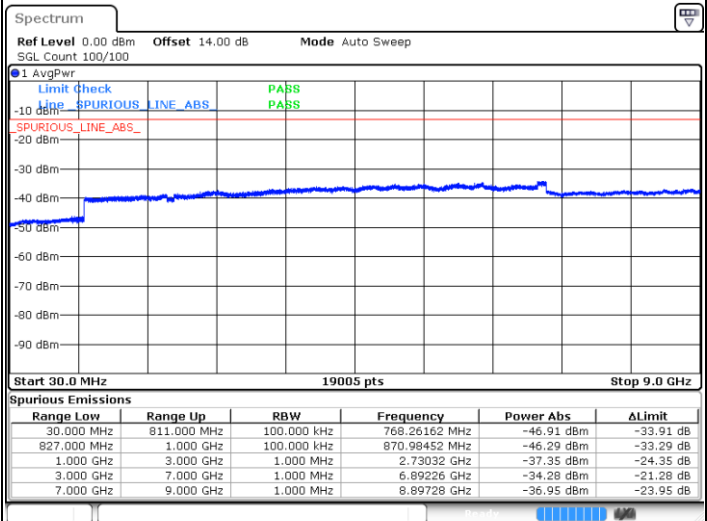
Date: 20 MAY 2019 12:00:50

## Highest Channel / QPSK



Date: 20 MAY 2019 12:02:27

## Highest Channel / 16QAM

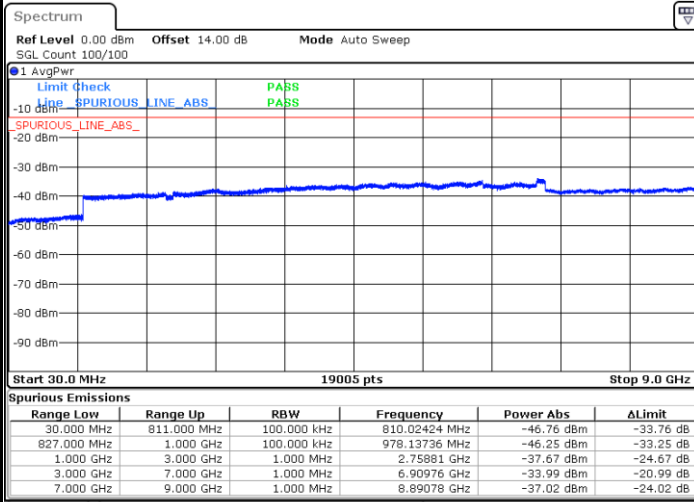


Date: 20 MAY 2019 12:03:23



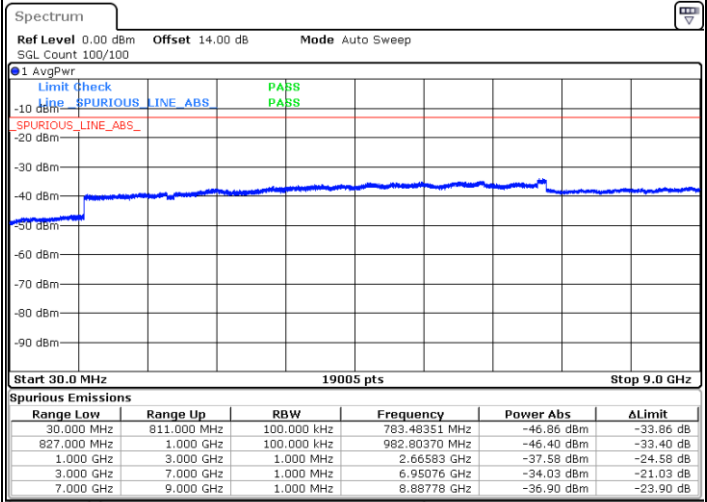
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



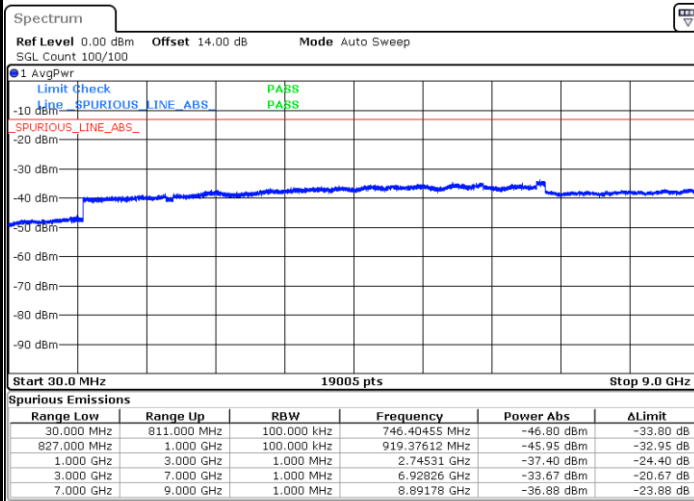
Date: 20 MAY 2019 12:04:59

## Lowest Channel / 16QAM



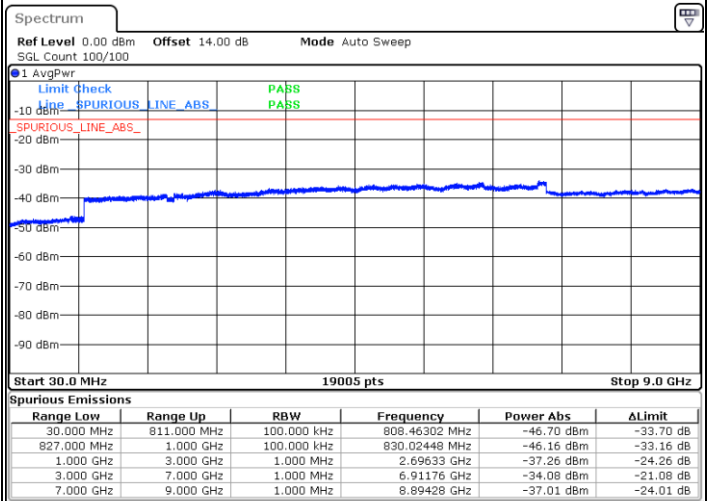
Date: 20 MAY 2019 12:05:54

## Middle Channel / QPSK



Date: 20 MAY 2019 12:12:33

## Middle Channel / 16QAM

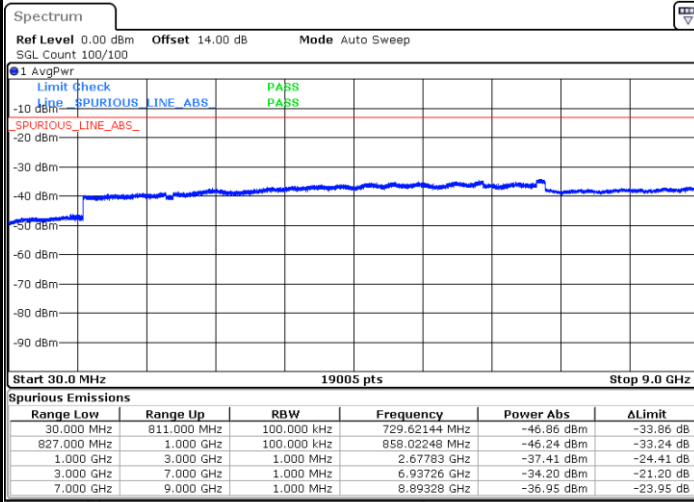


Date: 20 MAY 2019 12:13:28



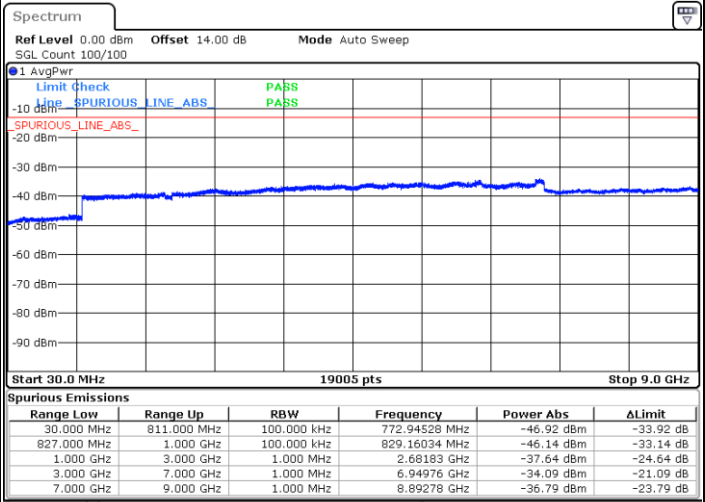
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 20 MAY 2019 12:10:02

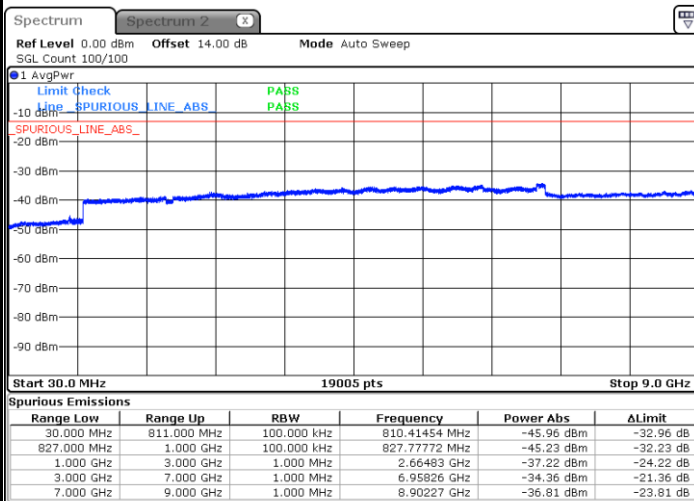
## Highest Channel / 16QAM



Date: 20 MAY 2019 12:10:57

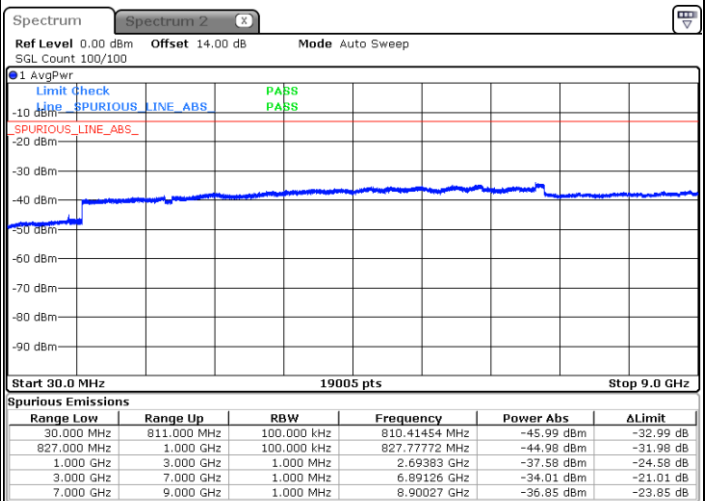
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



Date: 20 MAY 2019 17:24:10

## Middle Channel / 16QAM

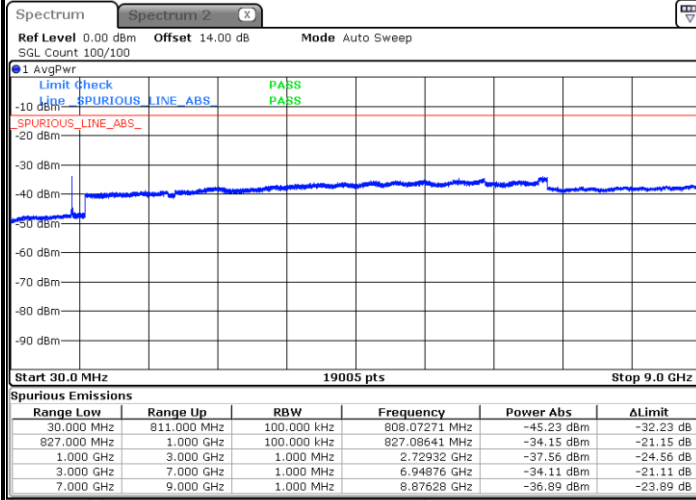


Date: 20 MAY 2019 17:22:44



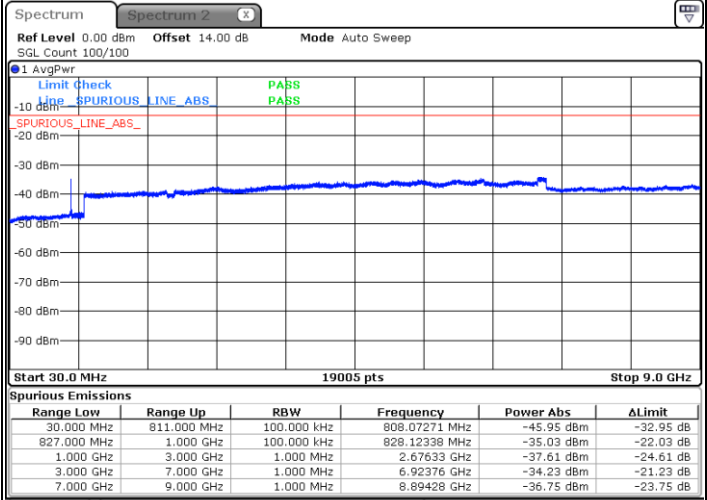
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



Date: 20 MAY 2019 16:51:30

## Lowest Channel / 16QAM



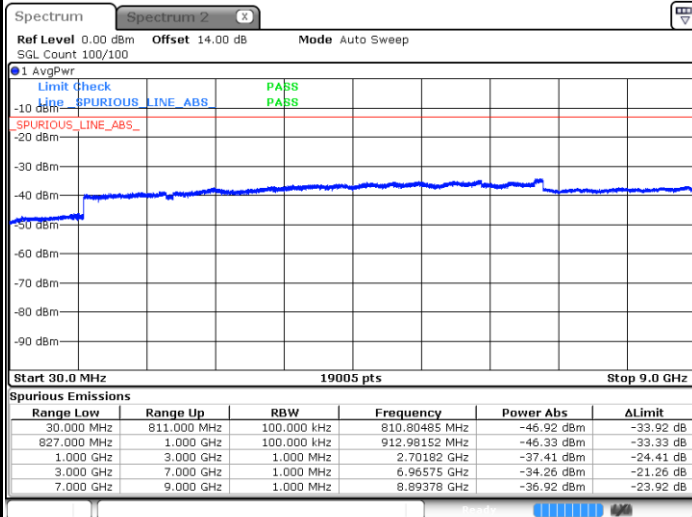
Date: 20 MAY 2019 16:52:23





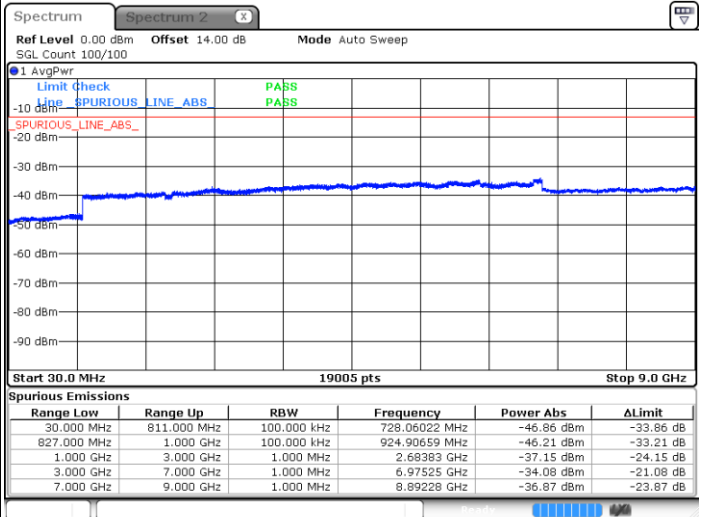
## LTE Band 26 / 1.4MHz

## Lowest Channel / 64QAM



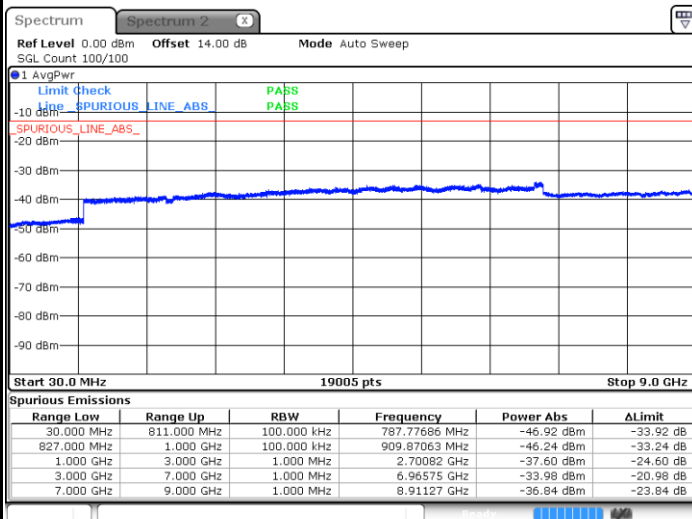
Date: 20 MAY 2019 16:17:34

## Middle Channel / 64QAM



Date: 20 MAY 2019 16:18:48

## Highest Channel / 64QAM

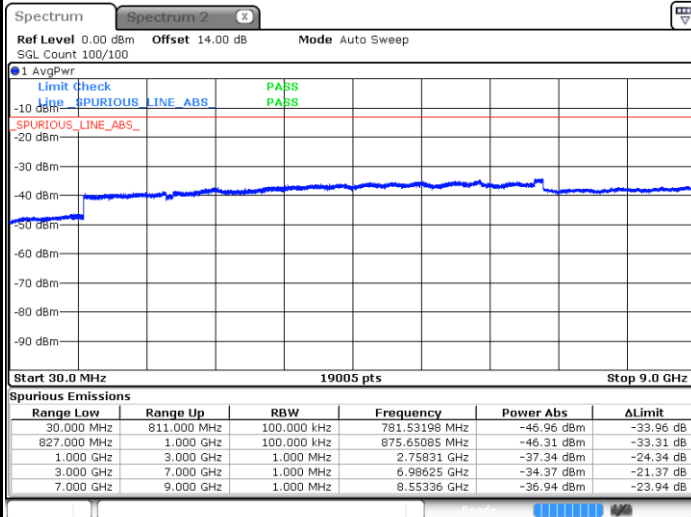


Date: 20 MAY 2019 16:22:20



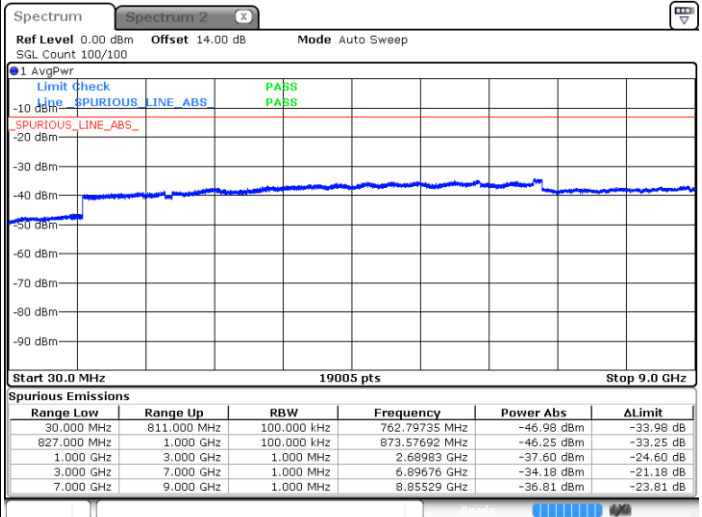
## LTE Band 26 / 3MHz

## Lowest Channel / 64QAM



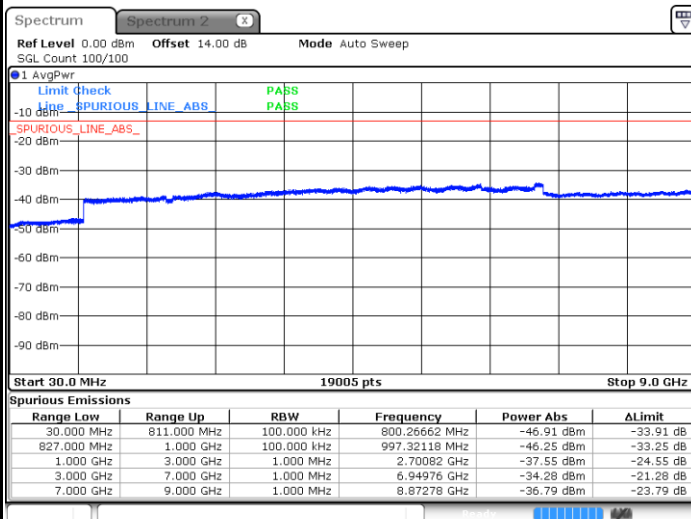
Date: 20 MAY 2019 16:25:53

## Middle Channel / 64QAM



Date: 20 MAY 2019 16:27:07

## Highest Channel / 64QAM

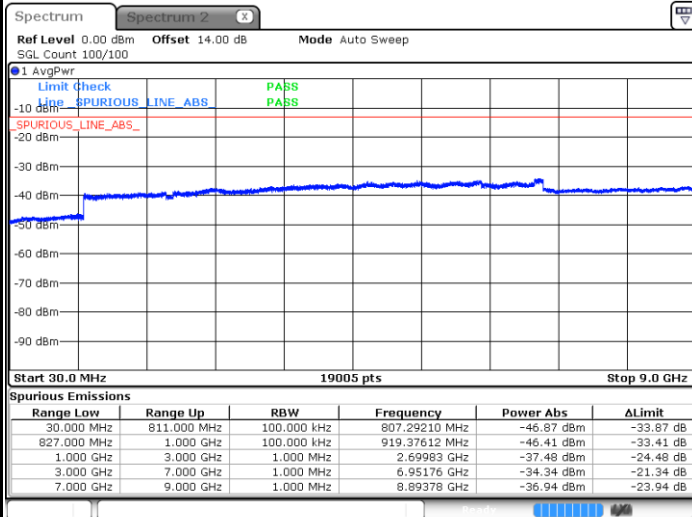


Date: 20 MAY 2019 16:30:40



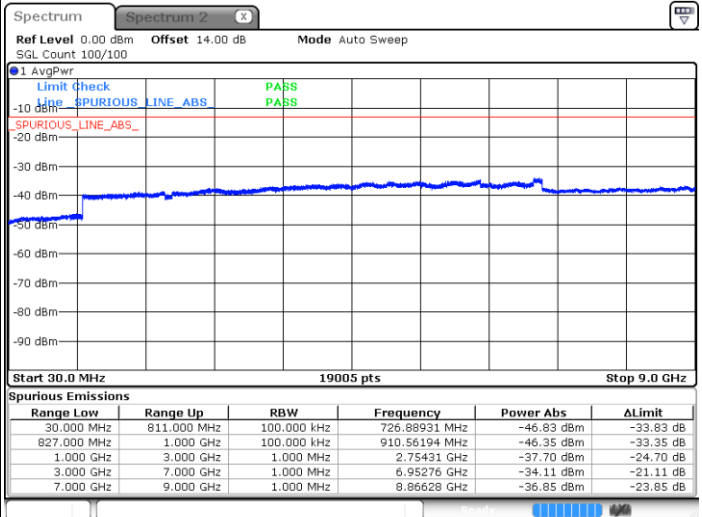
## LTE Band 26 / 5MHz

## Lowest Channel / 64QAM



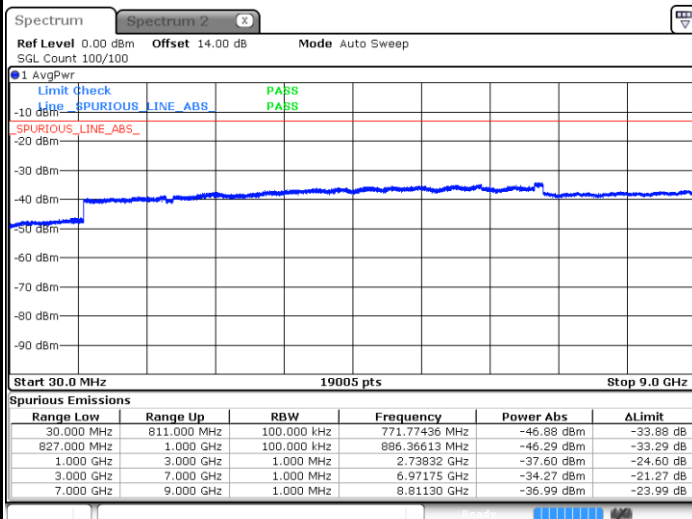
Date: 20 MAY 2019 16:34:11

## Middle Channel / 64QAM



Date: 20 MAY 2019 16:35:26

## Highest Channel / 64QAM

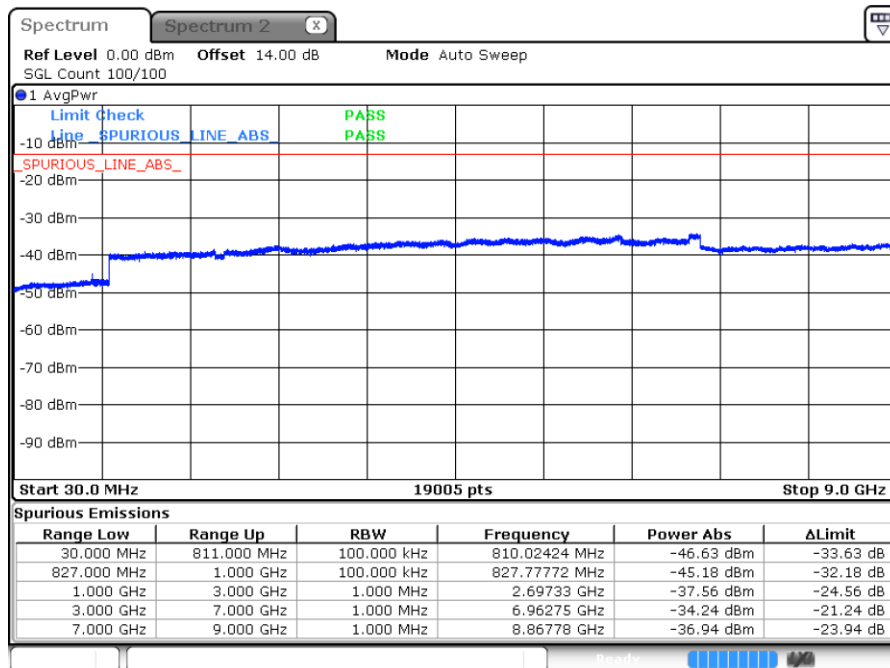


Date: 20 MAY 2019 16:38:58



## LTE Band 26 / 10MHz

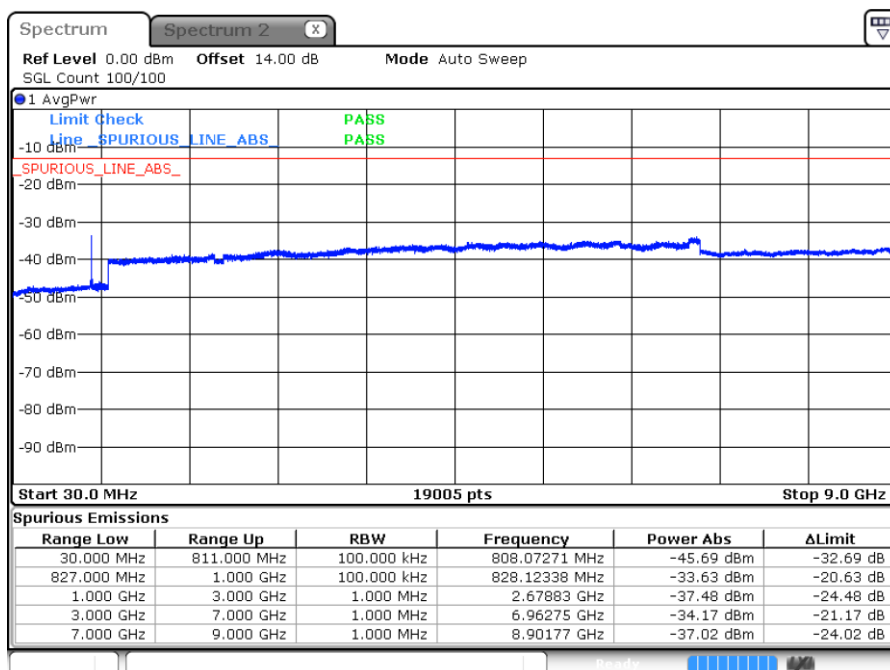
## Middle Channel / 64QAM



Date: 20.MAY.2019. 16:40:12

## LTE Band 26 / 15MHz

## Lowest Channel / 64QAM



Date: 20.MAY.2019. 16:46:22

**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    | 0.0011                              | PASS    |
| 40               | Normal Voltage    | 0.0006                              |         |
| 30               | Normal Voltage    | 0.0020                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0012                              |         |
| 0                | Normal Voltage    | 0.0010                              |         |
| -10              | Normal Voltage    | 0.0002                              |         |
| -20              | Normal Voltage    | 0.0016                              |         |
| -30              | Normal Voltage    | 0.0007                              |         |
| 20               | Maximum Voltage   | 0.0022                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0017                              |         |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.6 V. ; Maximum Voltage =4.4 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### Radiated Spurious Emission

#### Top Antenna:

| LTE Band 26 / 1.4MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                      | 1636.74           | -67.30      | -13           | -54.30            | -77.99            | -70.55             | 4.00                 | 9.40                  | H                  |
|                             | 2455.11           | -60.73      | -13           | -47.73            | -78.93            | -64.30             | 4.88                 | 10.60                 | H                  |
|                             | 3273.48           | -59.02      | -13           | -46.02            | -79.23            | -63.95             | 5.52                 | 12.60                 | H                  |
|                             | 1636.74           | -66.59      | -13           | -53.59            | -77.88            | -69.84             | 4.00                 | 9.40                  | V                  |
|                             | 2455.11           | -60.41      | -13           | -47.41            | -79.00            | -63.98             | 4.88                 | 10.60                 | V                  |
|                             | 3273.48           | -58.21      | -13           | -45.21            | -79.51            | -63.14             | 5.52                 | 12.60                 | V                  |

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

| LTE Band 26 / 3 MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                     | 1635.3            | -66.82      | -13           | -53.82            | -78.01            | -70.07             | 4.00                 | 9.40                  | H                  |
|                            | 2452.95           | -60.73      | -13           | -47.73            | -78.91            | -64.30             | 4.88                 | 10.60                 | H                  |
|                            | 3270.6            | -59.47      | -13           | -46.47            | -79.61            | -64.40             | 5.52                 | 12.60                 | H                  |
|                            | 1635.3            | -66.51      | -13           | -53.51            | -77.83            | -69.76             | 4.00                 | 9.40                  | V                  |
|                            | 2452.95           | -60.34      | -13           | -47.34            | -78.91            | -63.91             | 4.88                 | 10.60                 | V                  |
|                            | 3270.6            | -58.40      | -13           | -45.40            | -79.98            | -63.33             | 5.52                 | 12.60                 | V                  |

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



| LTE Band 26 / 5 MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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            | -66.92      | -13           | -53.92            | -77.61            | -70.17             | 4.00                 | 9.40                  | H                  |
|                            | 2450.25           | -60.70      | -13           | -47.70            | -78.77            | -64.27             | 4.88                 | 10.60                 | H                  |
|                            | 3267              | -59.27      | -13           | -46.27            | -79.39            | -64.20             | 5.52                 | 12.60                 | H                  |
|                            | 1633.5            | -66.30      | -13           | -53.30            | -77.59            | -69.55             | 4.00                 | 9.40                  | V                  |
|                            | 2450.25           | -59.73      | -13           | -46.73            | -78.24            | -63.30             | 4.88                 | 10.60                 | V                  |
|                            | 3267              | -57.94      | -13           | -44.94            | -79.33            | -62.87             | 5.52                 | 12.60                 | V                  |

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

| LTE Band 26 / 10 MHz / QPSK |                   |             |               |                   |                   |                    |                      |                       |                    |
|-----------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -66.95      | -13           | -53.95            | -77.64            | -70.20             | 4.00                 | 9.40                  | H                  |
|                             | 2443.5            | -60.37      | -13           | -47.37            | -78.44            | -63.94             | 4.88                 | 10.60                 | H                  |
|                             | 3258              | -58.97      | -13           | -45.97            | -79.09            | -63.90             | 5.52                 | 12.60                 | H                  |
|                             | 1629              | -66.15      | -13           | -53.15            | -77.44            | -69.40             | 4.00                 | 9.40                  | V                  |
|                             | 2443.5            | -60.00      | -13           | -47.00            | -78.51            | -63.57             | 4.88                 | 10.60                 | V                  |
|                             | 3258              | -57.83      | -13           | -44.83            | -79.22            | -62.76             | 5.52                 | 12.60                 | V                  |

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



## Bottom Antenna:

| LTE Band 26 / 1.4MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                     | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                      | 1636.74              | -66.31         | -13              | -53.31                  | -77.00                  | -69.56                   | 4.00                       | 9.40                        | H                     |
|                             | 2455.11              | -59.56         | -13              | -46.56                  | -77.76                  | -63.13                   | 4.88                       | 10.60                       | H                     |
|                             | 3273.48              | -58.06         | -13              | -45.06                  | -78.27                  | -62.99                   | 5.52                       | 12.60                       | H                     |
|                             | 1636.74              | -65.63         | -13              | -52.63                  | -76.92                  | -68.88                   | 4.00                       | 9.40                        | V                     |
|                             | 2455.11              | -59.12         | -13              | -46.12                  | -77.71                  | -62.69                   | 4.88                       | 10.60                       | V                     |
|                             | 3273.48              | -57.06         | -13              | -44.06                  | -78.36                  | -61.99                   | 5.52                       | 12.60                       | V                     |

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

| LTE Band 26 / 3 MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                     | 1635.3               | -65.81         | -13              | -52.81                  | -76.50                  | -69.06                   | 4.00                       | 9.40                        | H                     |
|                            | 2452.95              | -59.56         | -13              | -46.56                  | -77.63                  | -63.13                   | 4.88                       | 10.60                       | H                     |
|                            | 3270.6               | -58.15         | -13              | -45.15                  | -78.36                  | -63.08                   | 5.52                       | 12.60                       | H                     |
|                            | 1635.3               | -65.66         | -13              | -52.66                  | -76.95                  | -68.91                   | 4.00                       | 9.40                        | V                     |
|                            | 2452.95              | -59.40         | -13              | -46.40                  | -77.91                  | -62.97                   | 4.88                       | 10.60                       | V                     |
|                            | 3270.6               | -56.81         | -13              | -43.81                  | -78.11                  | -61.74                   | 5.52                       | 12.60                       | V                     |

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





| LTE Band 26 / 5 MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                     | 1633.5               | -65.63         | -13              | -52.63                  | -76.32                  | -68.88                   | 4.00                       | 9.40                        | H                     |
|                            | 2450.25              | -59.17         | -13              | -46.17                  | -77.24                  | -62.74                   | 4.88                       | 10.60                       | H                     |
|                            | 3267                 | -57.63         | -13              | -44.63                  | -77.75                  | -62.56                   | 5.52                       | 12.60                       | H                     |
|                            | 1633.5               | -65.25         | -13              | -52.25                  | -76.54                  | -68.50                   | 4.00                       | 9.40                        | V                     |
|                            | 2450.25              | -58.93         | -13              | -45.93                  | -77.44                  | -62.50                   | 4.88                       | 10.60                       | V                     |
|                            | 3267                 | -56.48         | -13              | -43.48                  | -77.87                  | -61.41                   | 5.52                       | 12.60                       | V                     |

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

| LTE Band 26 / 5 MHz / QPSK |                      |                |                  |                         |                         |                          |                            |                             |                       |
|----------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| Channel                    | Frequency<br>( MHz ) | ERP<br>( dBm ) | Limit<br>( dBm ) | Over<br>Limit<br>( dB ) | SPA<br>Reading<br>(dBm) | S.G.<br>Power<br>( dBm ) | TX Cable<br>loss<br>( dB ) | TX Antenna<br>Gain<br>(dBi) | Polarization<br>(H/V) |
| Middle                     | 1629                 | -65.22         | -13              | -52.22                  | -75.91                  | -68.47                   | 4.00                       | 9.40                        | H                     |
|                            | 2443.5               | -59.05         | -13              | -46.05                  | -77.12                  | -62.62                   | 4.88                       | 10.60                       | H                     |
|                            | 3258                 | -57.71         | -13              | -44.71                  | -77.83                  | -62.64                   | 5.52                       | 12.60                       | H                     |
|                            | 1629                 | -64.65         | -13              | -51.65                  | -75.94                  | -67.90                   | 4.00                       | 9.40                        | V                     |
|                            | 2443.5               | -58.73         | -13              | -45.73                  | -77.24                  | -62.30                   | 4.88                       | 10.60                       | V                     |
|                            | 3258                 | -56.49         | -13              | -43.49                  | -77.88                  | -61.42                   | 5.52                       | 12.60                       | V                     |

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