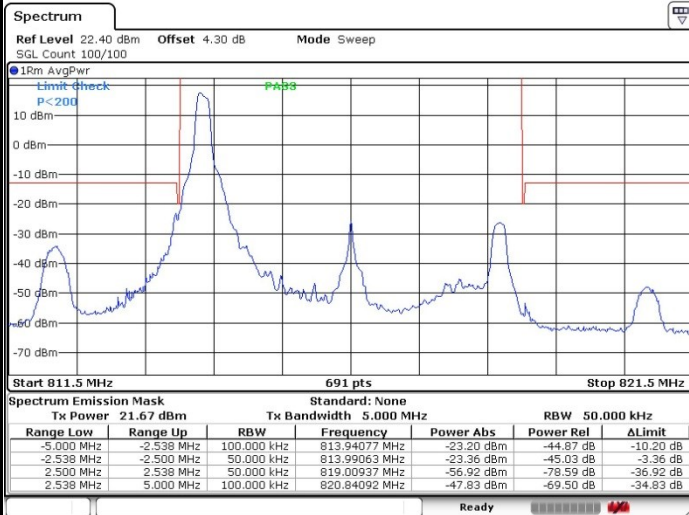




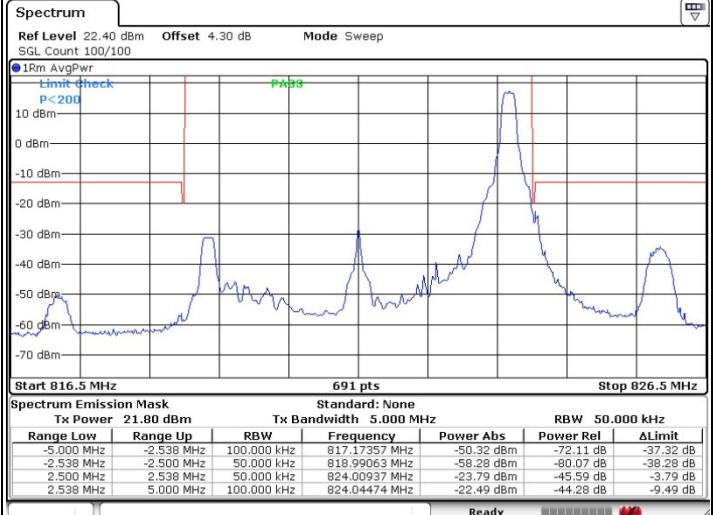
## LTE Band 26 / 5MHz / 16QAM

## Lowest Band Edge / 1RB



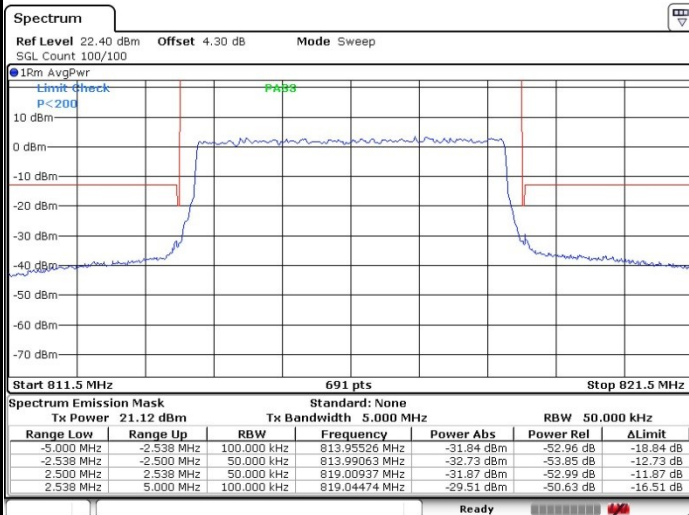
Date: 3. JAN. 2018 18:10:48

## Highest Band Edge / 1 RB



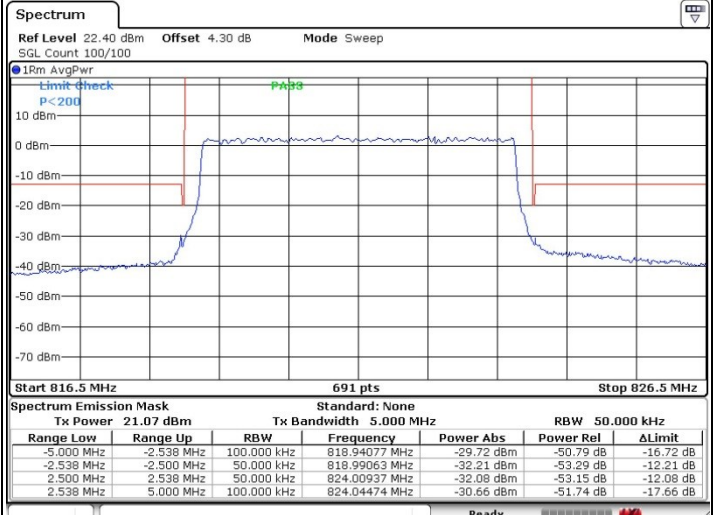
Date: 3. JAN. 2018 18:14:37

## Lowest Band Edge / Full RB



Date: 3. JAN. 2018 18:12:22

## Highest Band Edge / Full RB

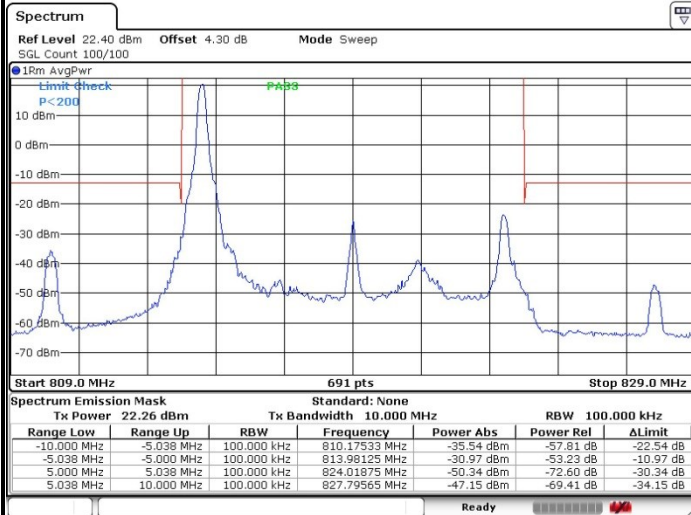


Date: 3. JAN. 2018 18:13:37



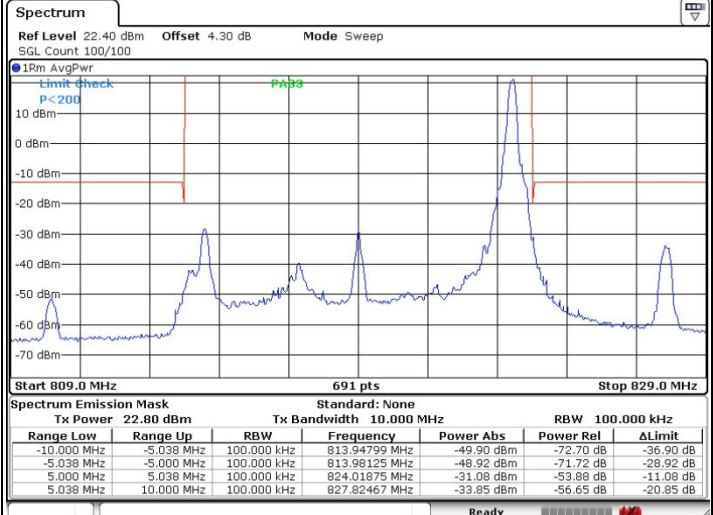
## LTE Band 26 / 10MHz / QPSK

## Lowest Band Edge / 1 RB



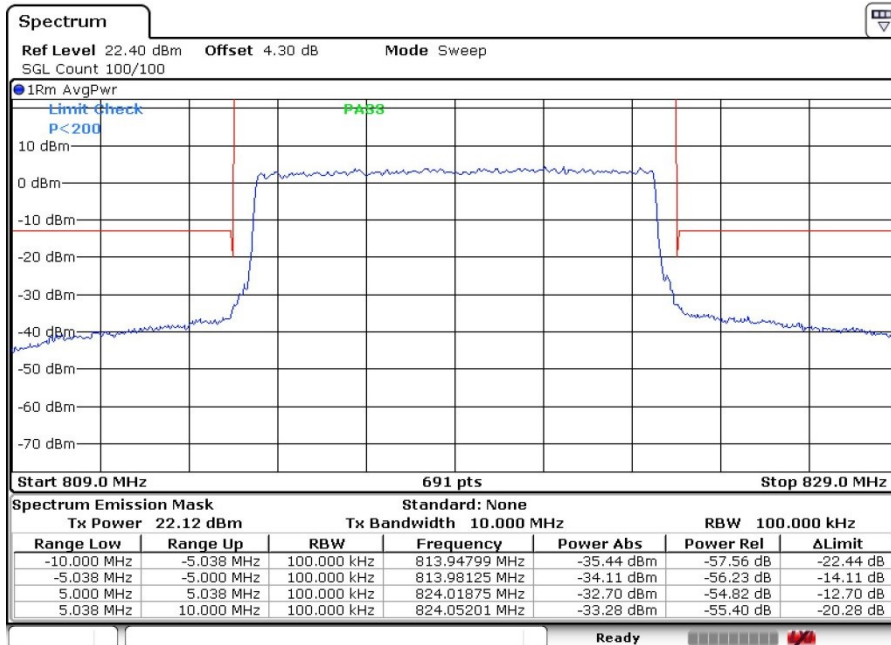
Date: 3.JAN.2018 18:16:33

## Highest Band Edge / 1 RB



Date: 3.JAN.2018 18:17:54

## Band Edge / Full RB

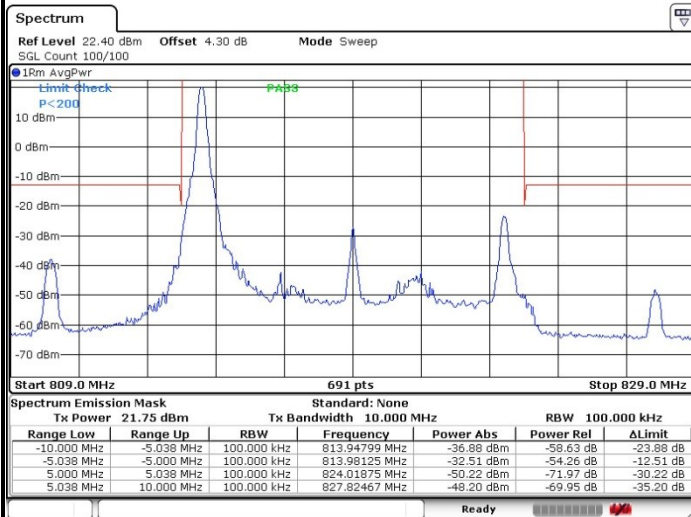


Date: 3.JAN.2018 18:18:09



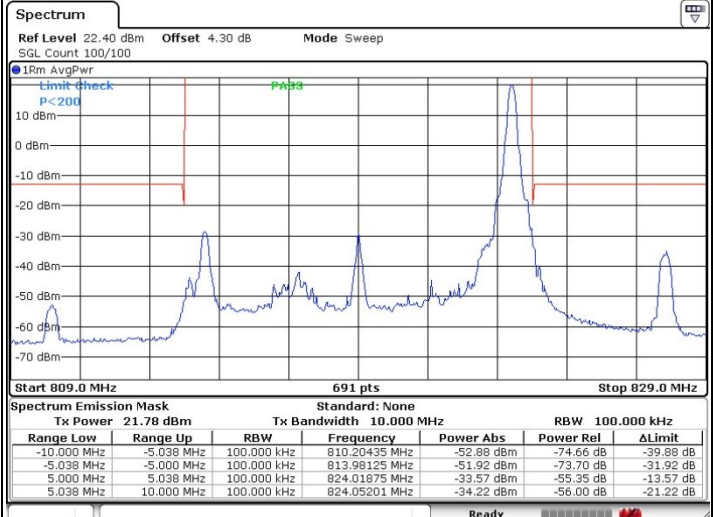
## LTE Band 26 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



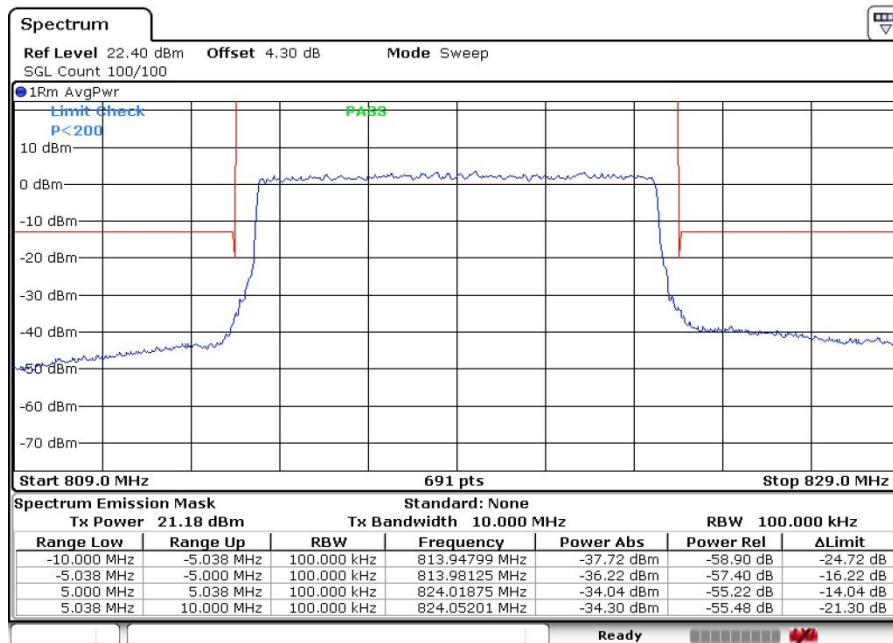
Date: 3.JAN.2018 18:16:52

## Highest Band Edge / 1 RB



Date: 3.JAN.2018 18:17:42

## Band Edge / Full RB

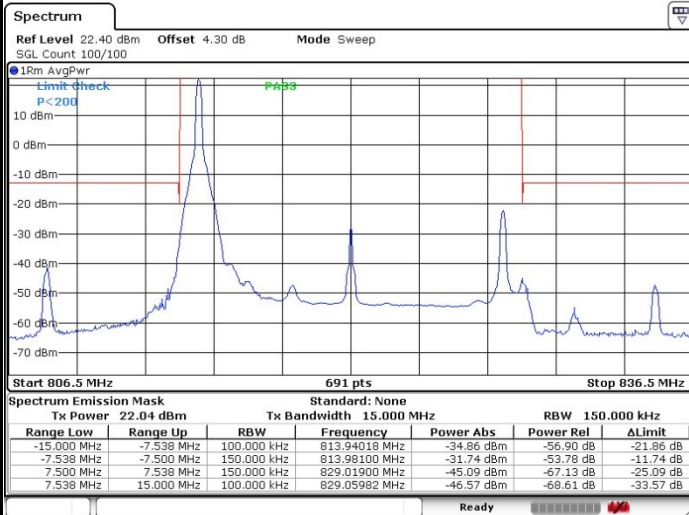


Date: 3.JAN.2018 18:18:33



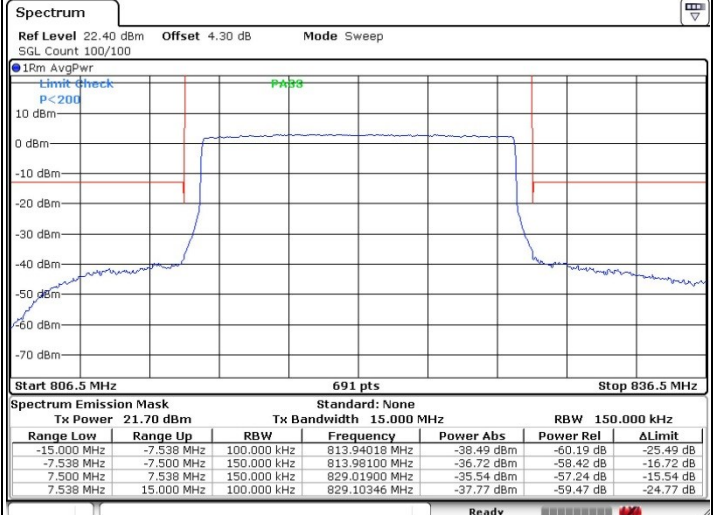
## LTE Band 26 / 15MHz QPSK

## Lowest Band Edge / 1 RB



Date: 15 JAN 2018 00:00:27

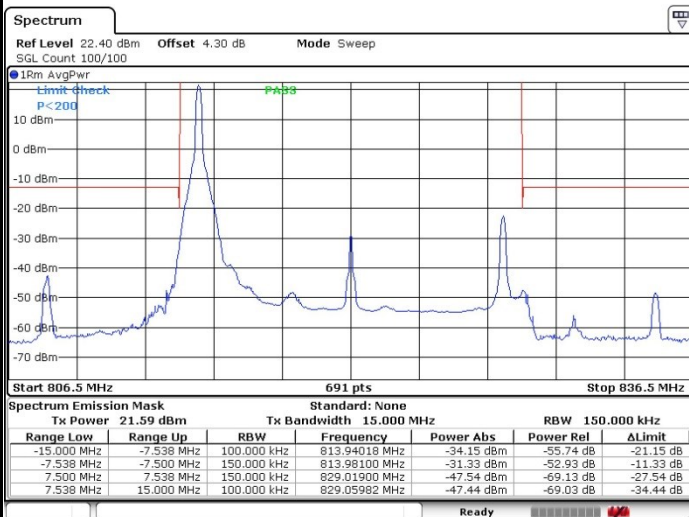
## Lowest Band Edge / Full RB



Date: 15 JAN 2018 00:03:10

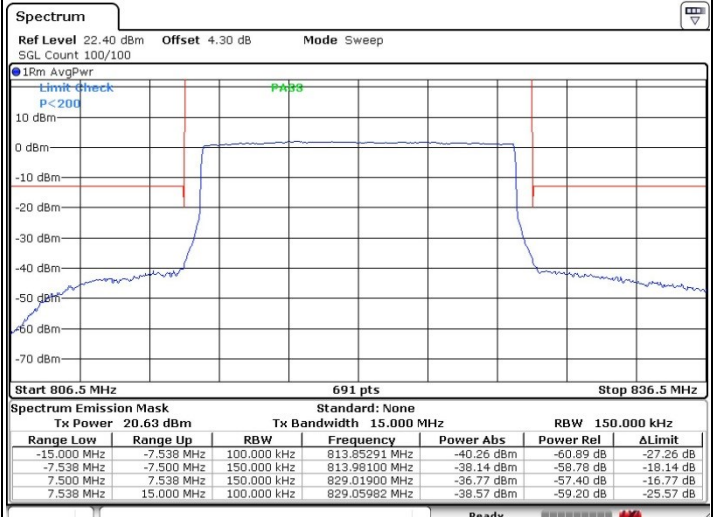
## LTE Band 26 / 15MHz 16QAM

## Lowest Band Edge / 1 RB



Date: 15 JAN 2018 00:01:05

## Lowest Band Edge / Full RB

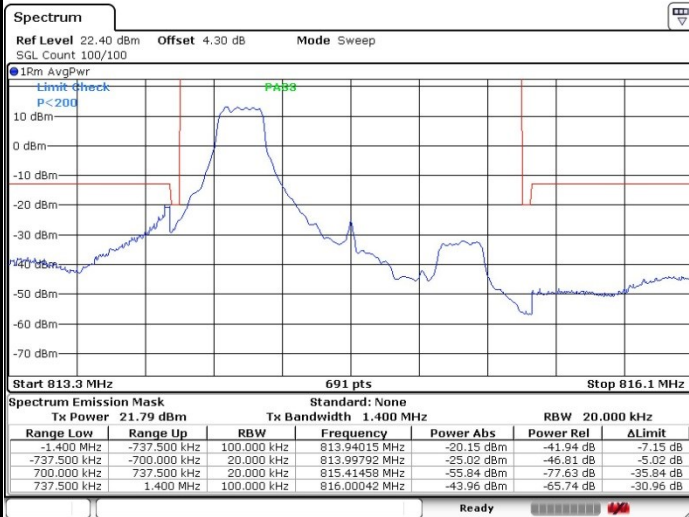


Date: 15 JAN 2018 00:02:38



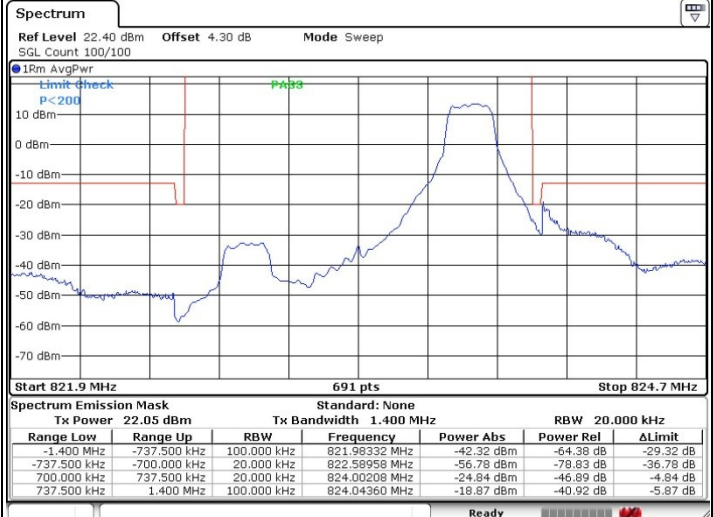
## LTE Band 26 / 1.4MHz / 64QAM

## Lowest Band Edge / 1RB



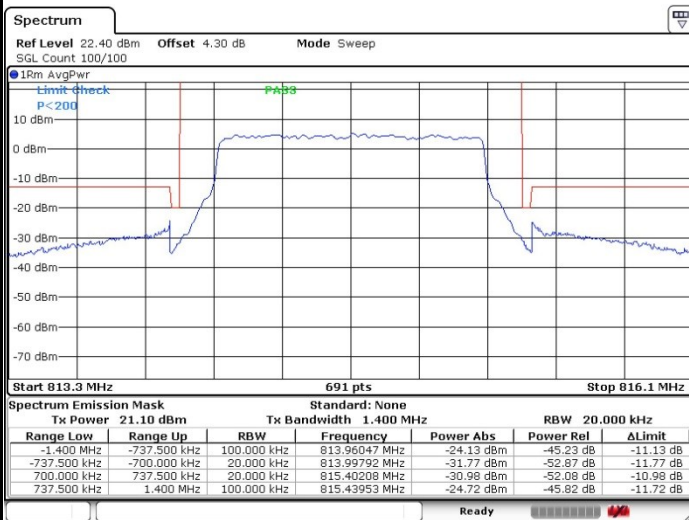
Date: 3. JAN 2018 17:57:37

## Highest Band Edge / 1RB



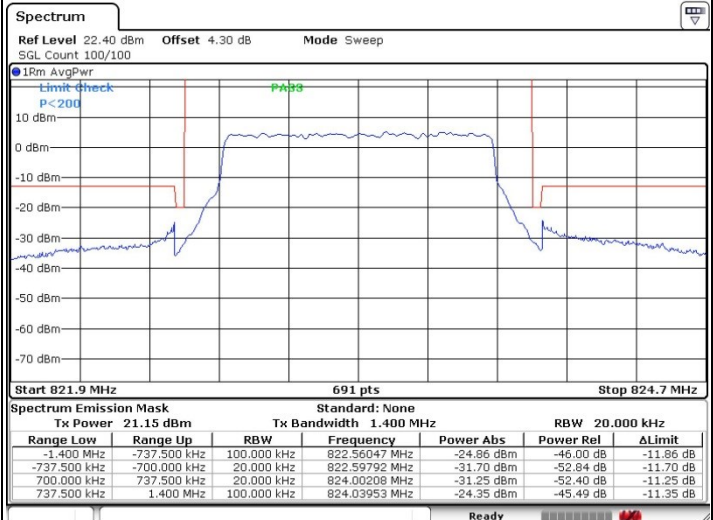
Date: 3. JAN 2018 18:02:03

## Lowest Band Edge / Full RB



Date: 3. JAN 2018 17:58:05

## Highest Band Edge / Full RB

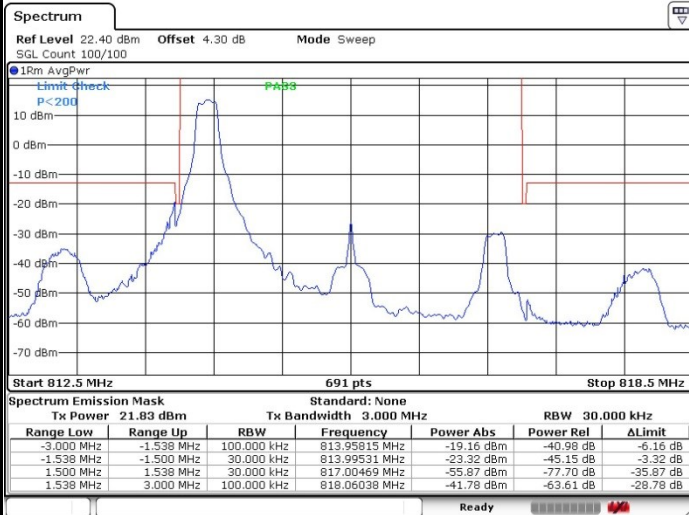


Date: 3. JAN 2018 18:01:43



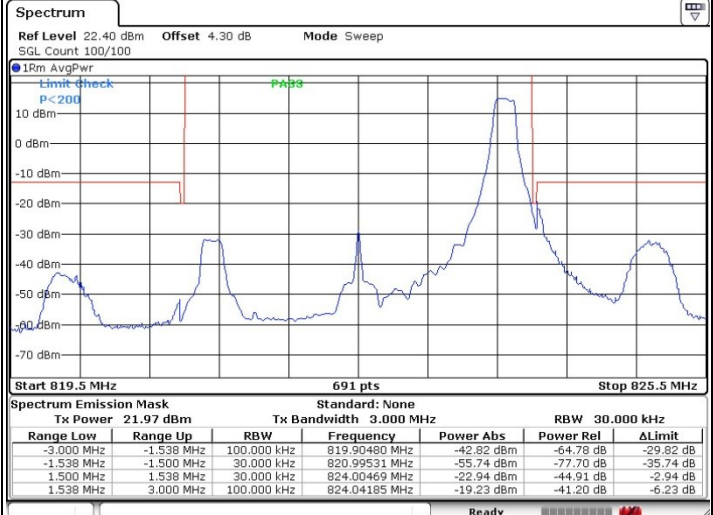
## LTE Band 26 / 3MHz / 64QAM

## Lowest Band Edge / 1RB



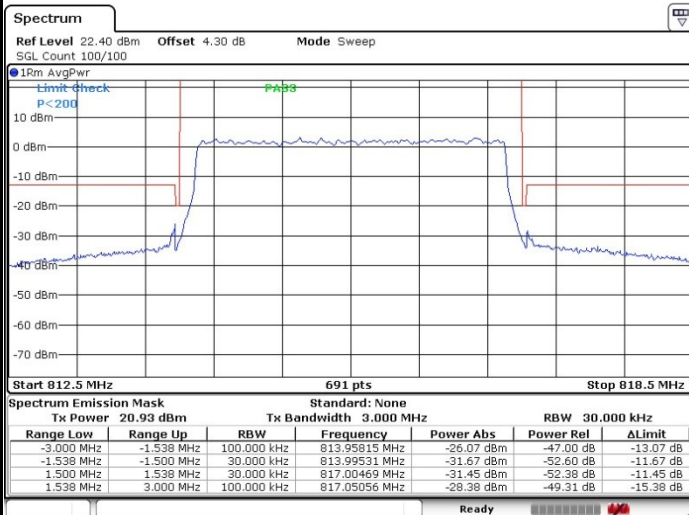
Date: 3. JAN. 2018 18:05:17

## Highest Band Edge / 1 RB



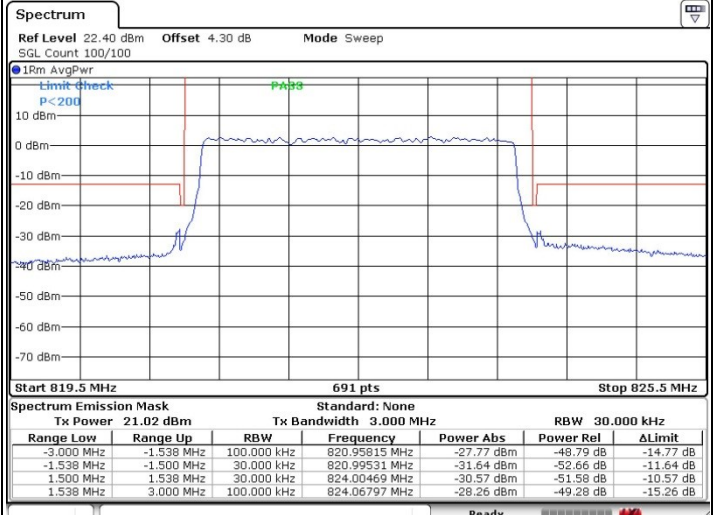
Date: 3. JAN. 2018 18:08:01

## Lowest Band Edge / Full RB



Date: 3. JAN. 2018 18:05:36

## Highest Band Edge / Full RB

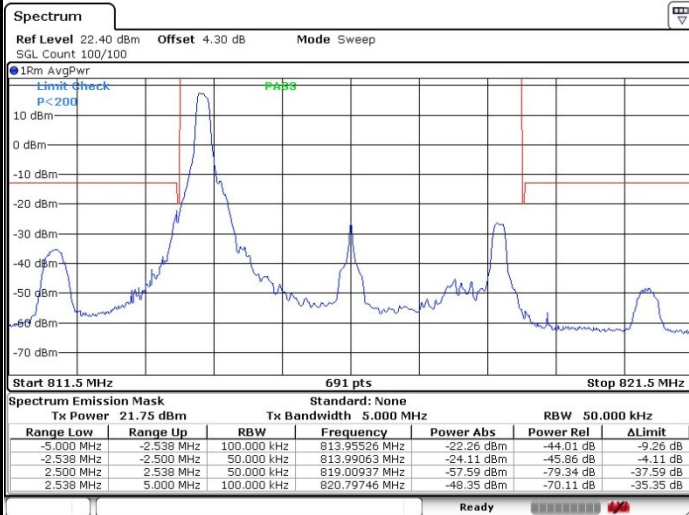


Date: 3. JAN. 2018 18:07:43



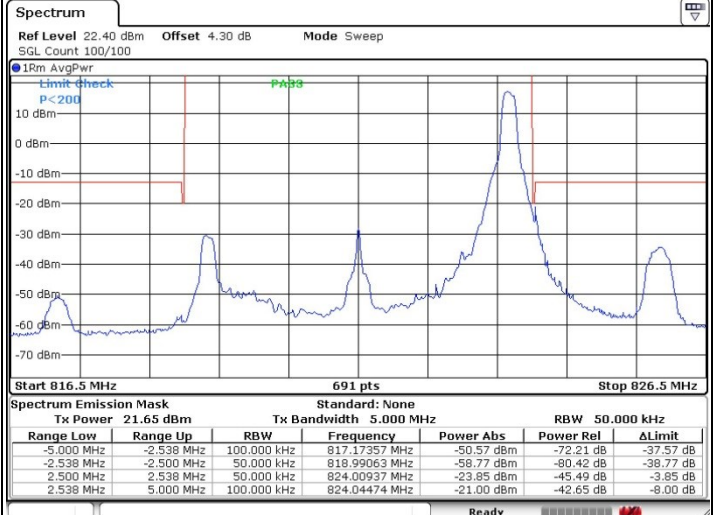
## LTE Band 26 / 5MHz / 64QAM

## Lowest Band Edge / 1 RB



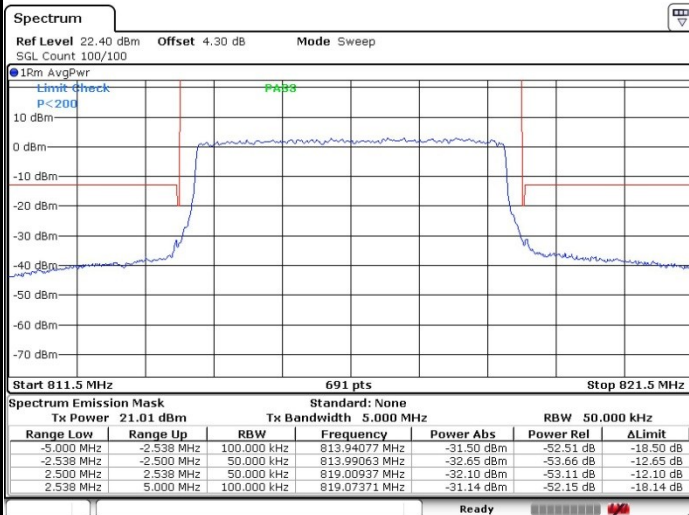
Date: 3.JAN.2018 18:11:01

## Highest Band Edge / 1 RB



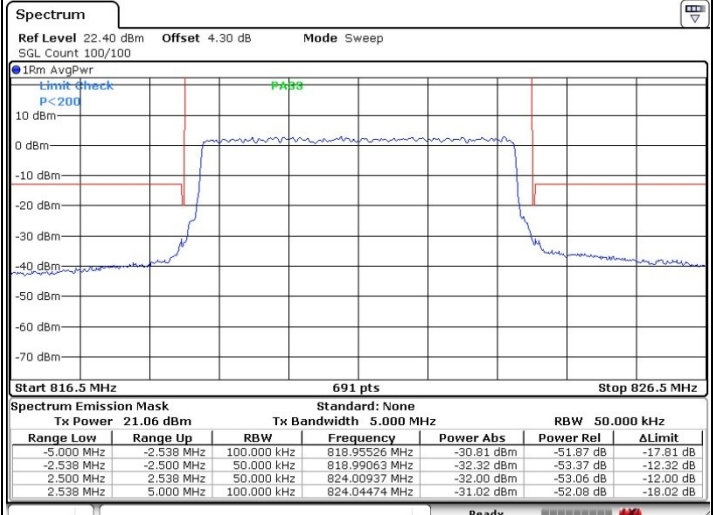
Date: 3.JAN.2018 18:14:15

## Lowest Band Edge / Full RB



Date: 3.JAN.2018 18:11:17

## Highest Band Edge / Full RB

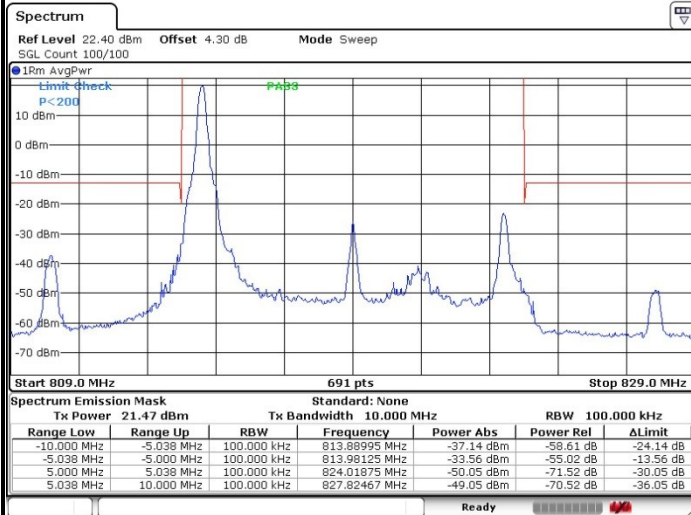


Date: 3.JAN.2018 18:13:50



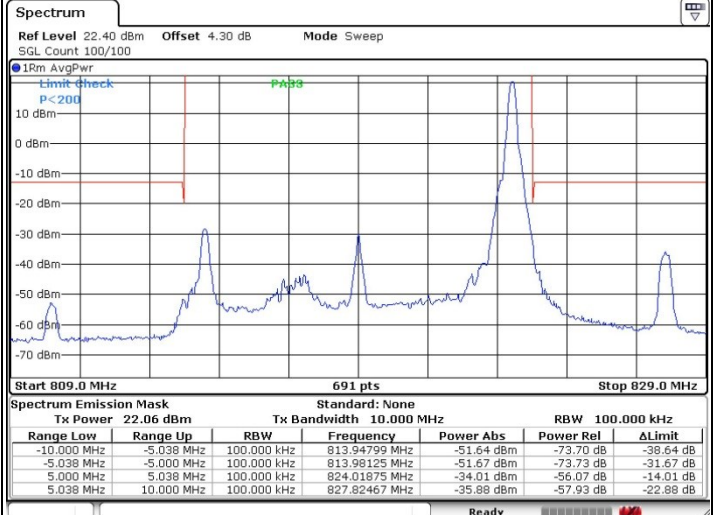
## LTE Band 26 / 10MHz / 64QAM

## Middle Band Edge / 1 RB0



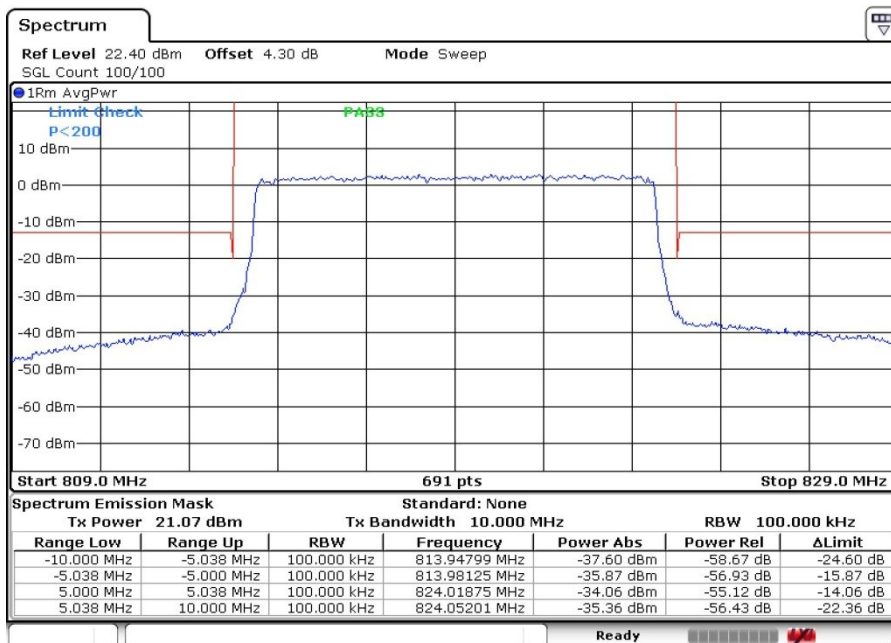
Date: 3.JAN.2018 18:17:09

## Middle Band Edge / 1 RBmax



Date: 3.JAN.2018 18:17:25

## Middle Band Edge / Full RB

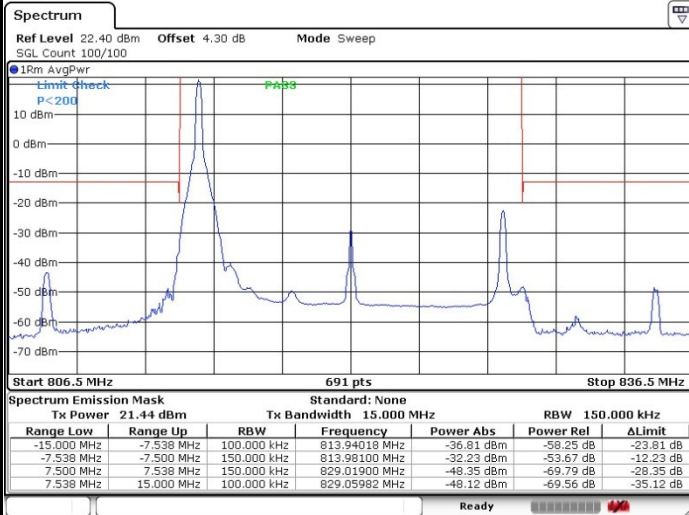


Date: 3.JAN.2018 18:18:47



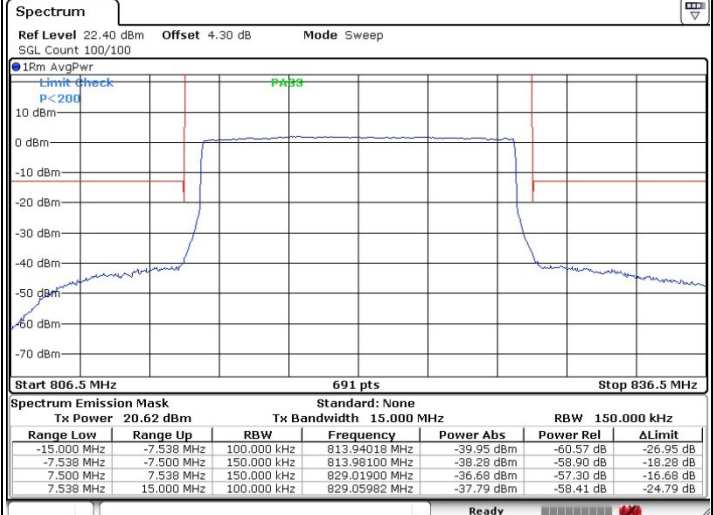
## LTE Band 26 / 15MHz / 64QAM

## Lowest Band Edge / 1 RB0



Date: 15 JAN 2018 00:01:34

## Lowest Band Edge / Full RB



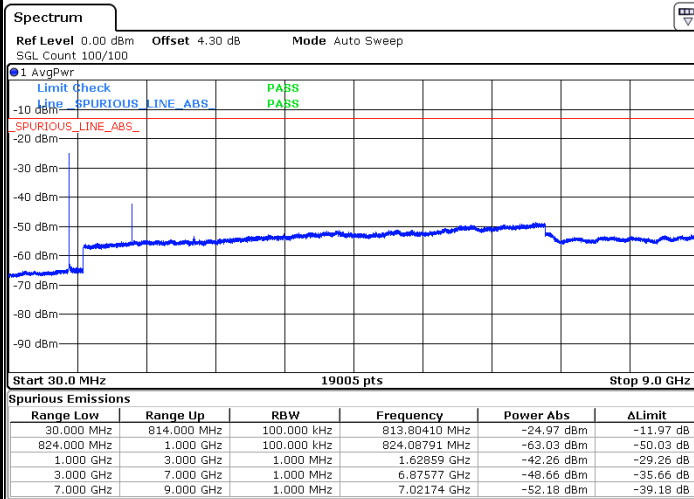
Date: 15 JAN 2018 00:02:05



# Conducted Spurious Emission

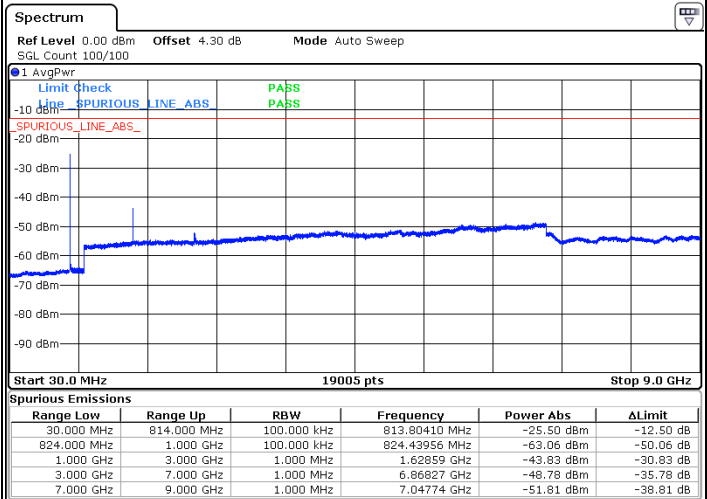
## LTE Band 26 / 1.4MHz

### Lowest Channel / QPSK



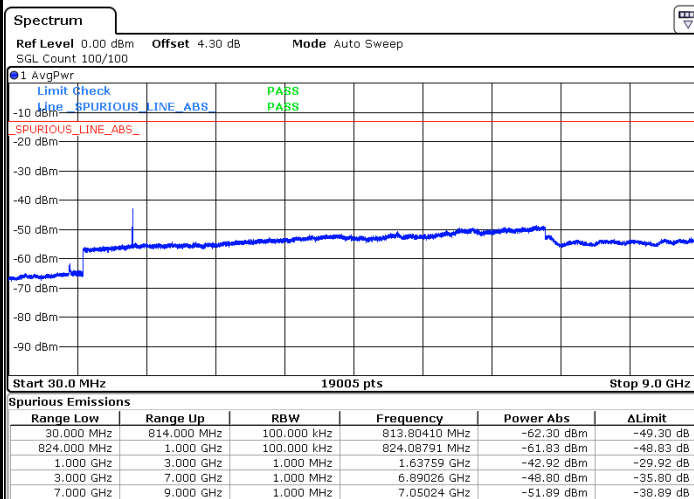
Date: 3 JAN 2018 18:58:45

### Lowest Channel / 16QAM



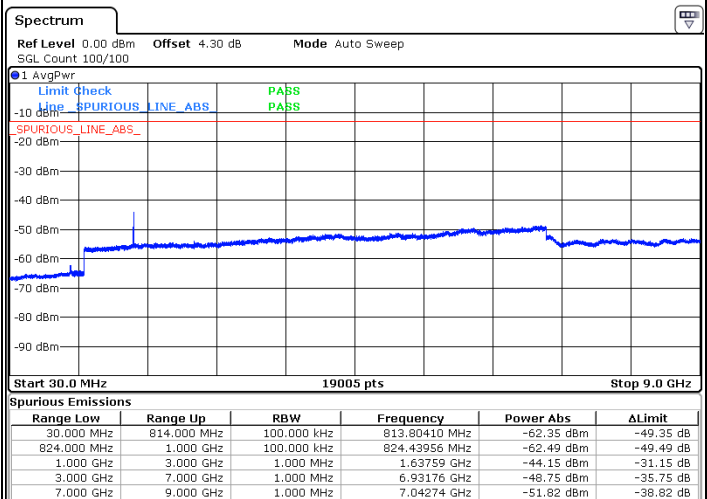
Date: 3 JAN 2018 18:58:16

### Middle Channel / QPSK



Date: 3 JAN 2018 18:56:34

### Middle Channel / 16QAM

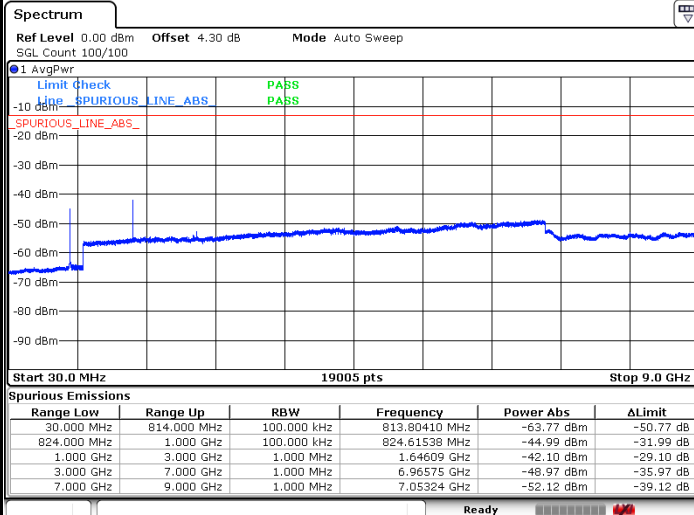


Date: 3 JAN 2018 18:57:00



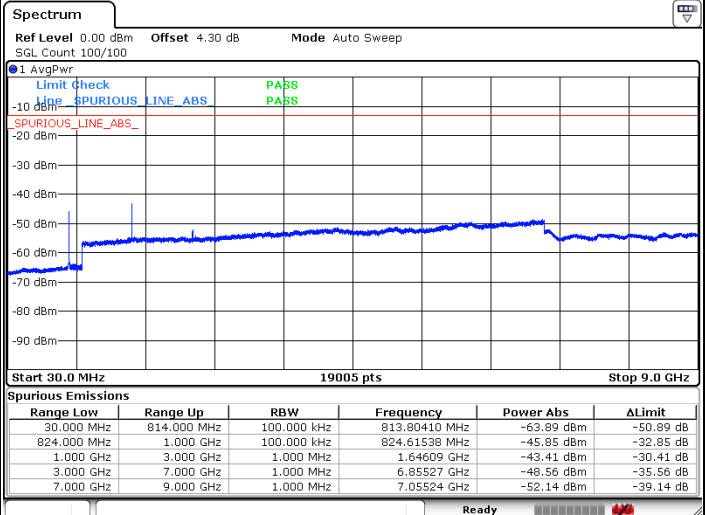
## LTE Band 26 / 1.4MHz

## Highest Channel / QPSK



Date: 3\_JAN 2018 18:59:17

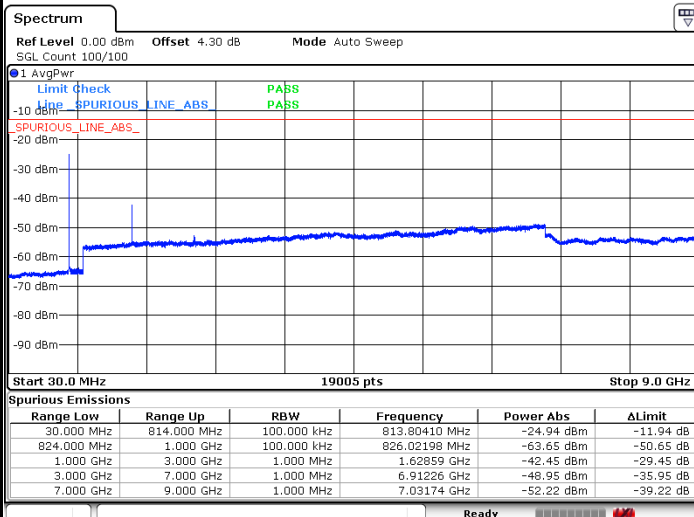
## Highest Channel / 16QAM



Date: 3\_JAN 2018 18:59:55

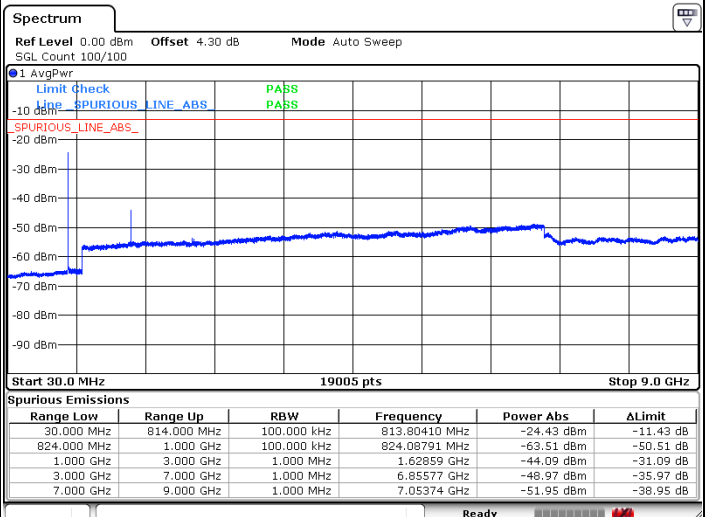
## LTE Band 26 / 3MHz

## Lowest Channel / QPSK



Date: 3\_JAN 2018 19:02:47

## Lowest Channel / 16QAM

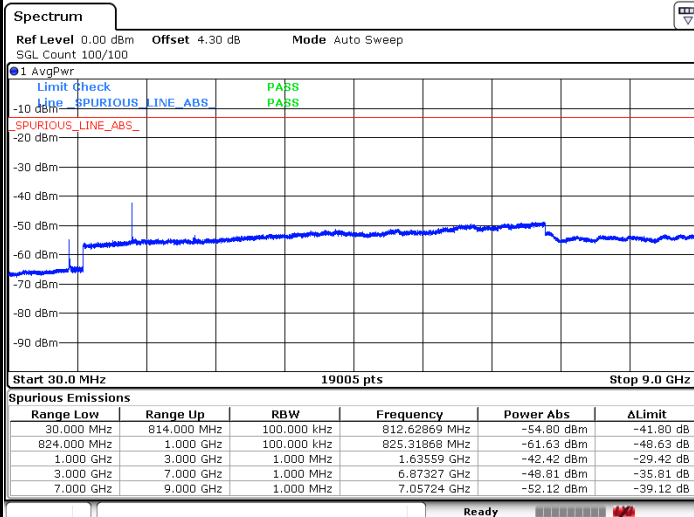


Date: 3\_JAN 2018 19:02:24



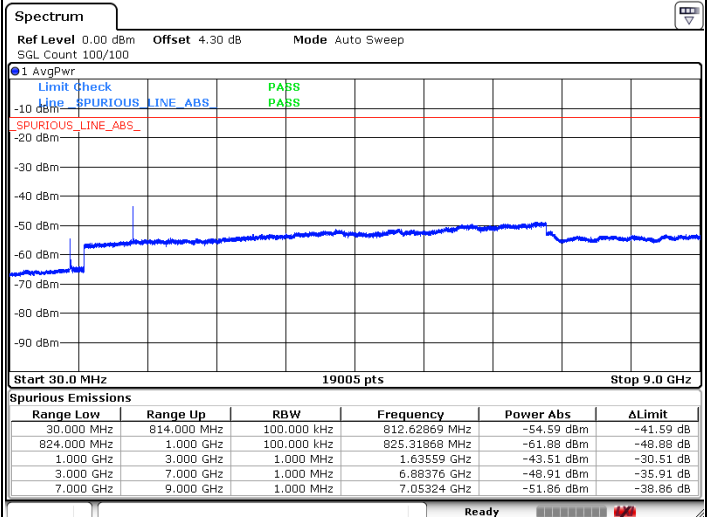
## LTE Band 26 / 3MHz

## Middle Channel / QPSK



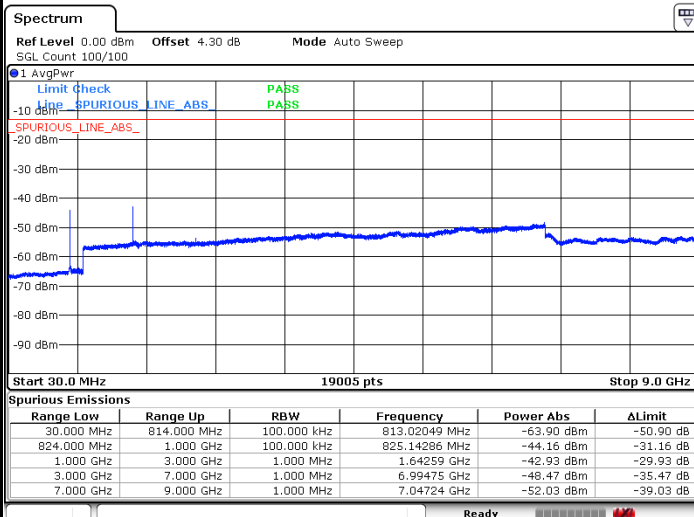
Date: 3\_JAN 2018 19:03:22

## Middle Channel / 16QAM



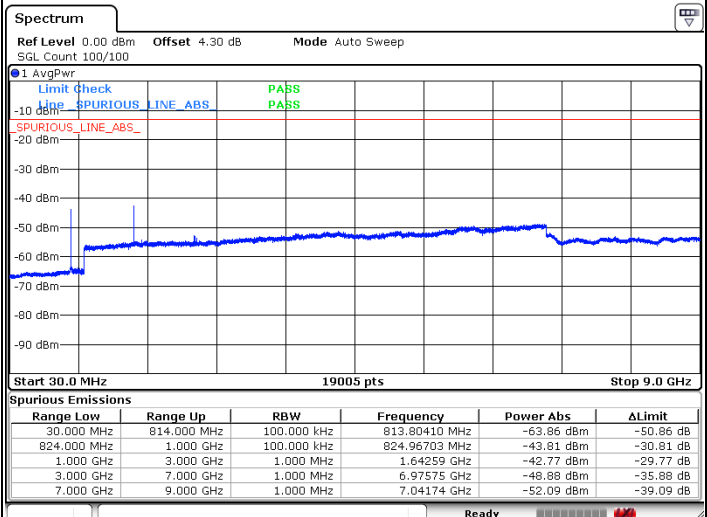
Date: 3\_JAN 2018 19:03:48

## Highest Channel / QPSK



Date: 3\_JAN 2018 19:05:34

## Highest Channel / 16QAM

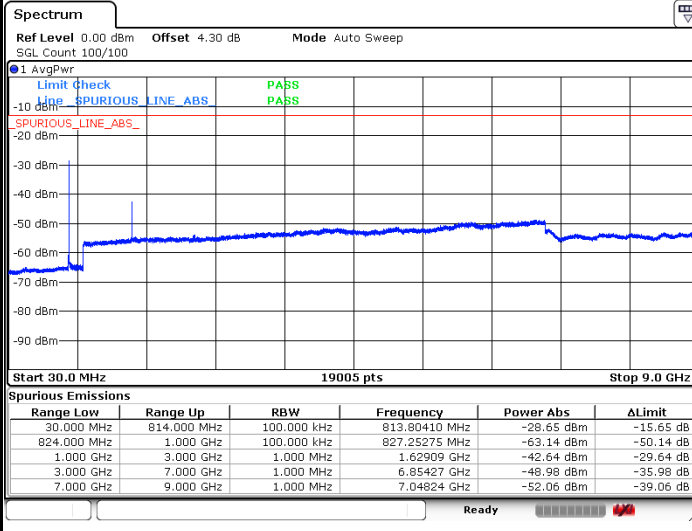


Date: 3\_JAN 2018 19:05:11



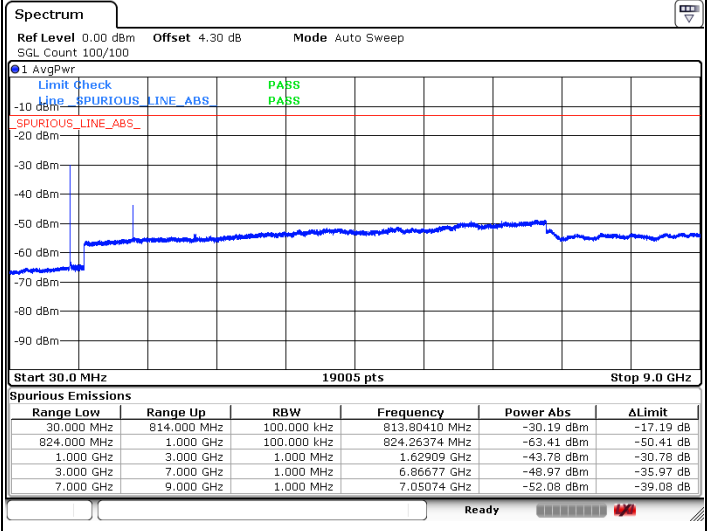
## LTE Band 26 / 5MHz

## Lowest Channel / QPSK



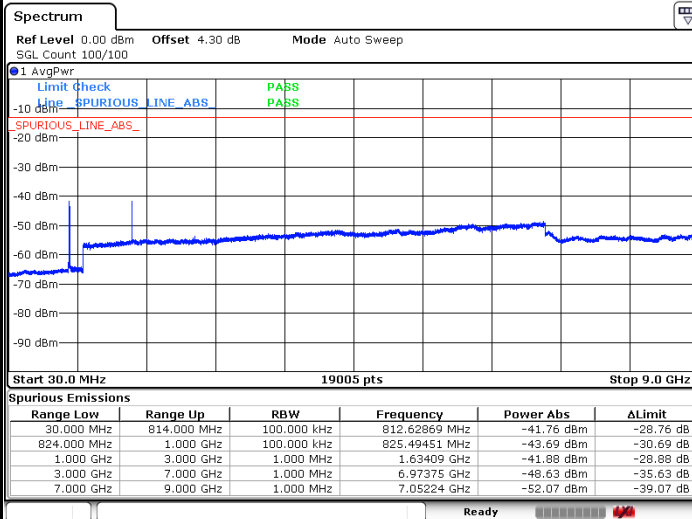
Date: 3\_JAN 2018 19:06:43

## Lowest Channel / 16QAM



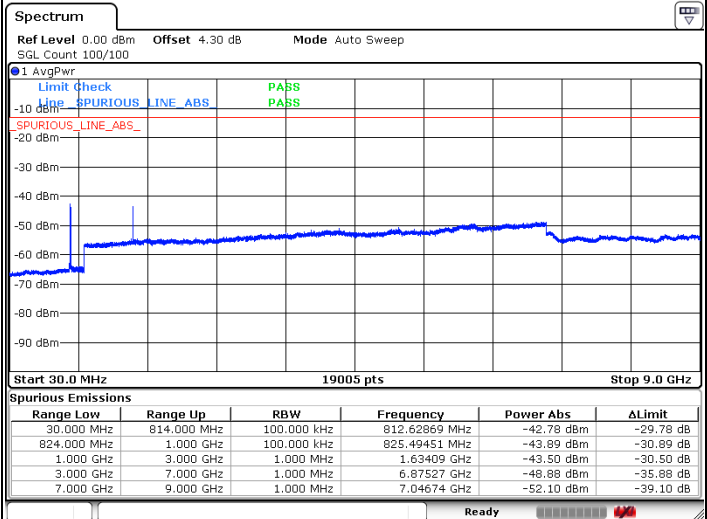
Date: 3\_JAN 2018 19:07:35

## Middle Channel / QPSK



Date: 3\_JAN 2018 19:09:49

## Middle Channel / 16QAM

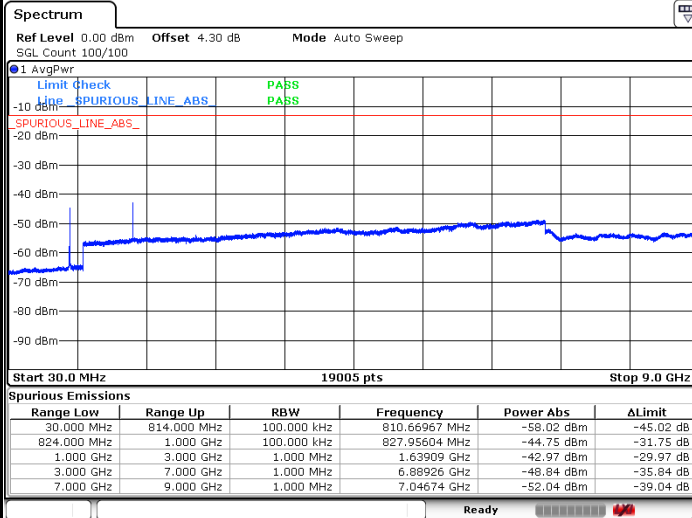


Date: 3\_JAN 2018 19:09:14



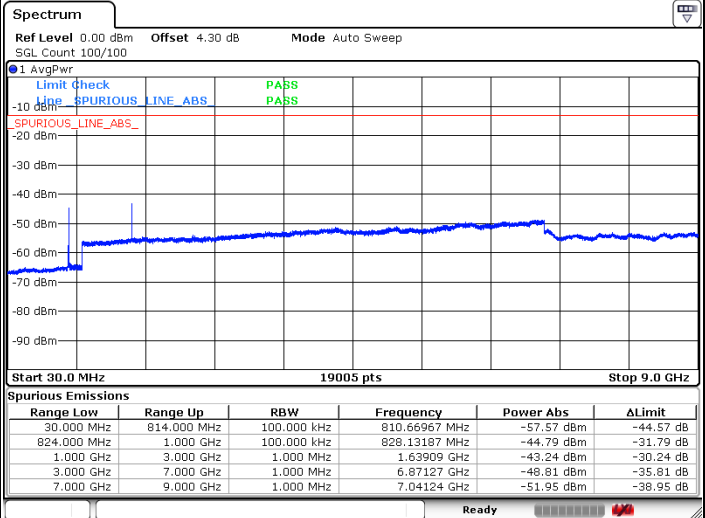
## LTE Band 26 / 5MHz

## Highest Channel / QPSK



Date: 3\_JAN 2018 19:10:23

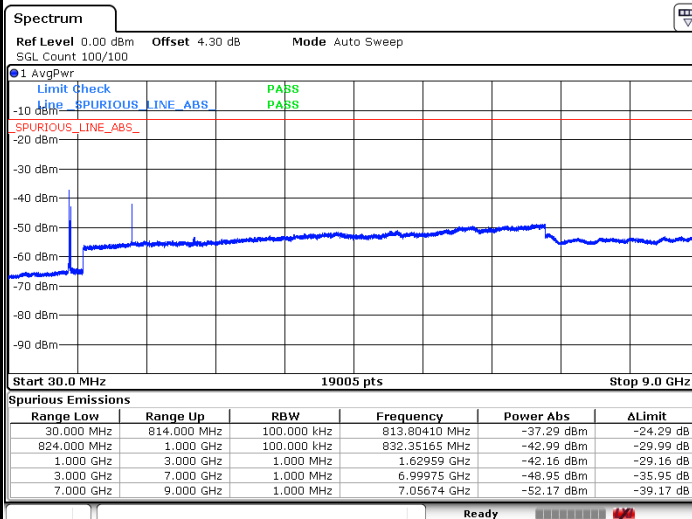
## Highest Channel / 16QAM



Date: 3\_JAN 2018 19:10:50

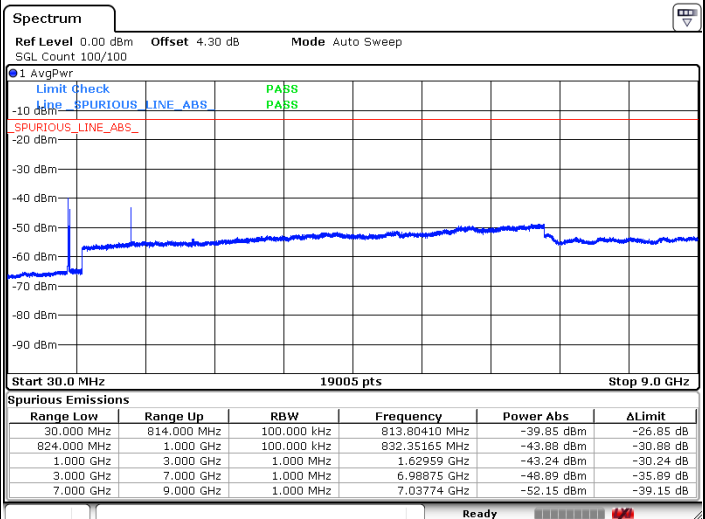
## LTE Band 26 / 10MHz

## Middle Channel / QPSK



Date: 3\_JAN 2018 19:14:07

## Middle Channel / 16QAM

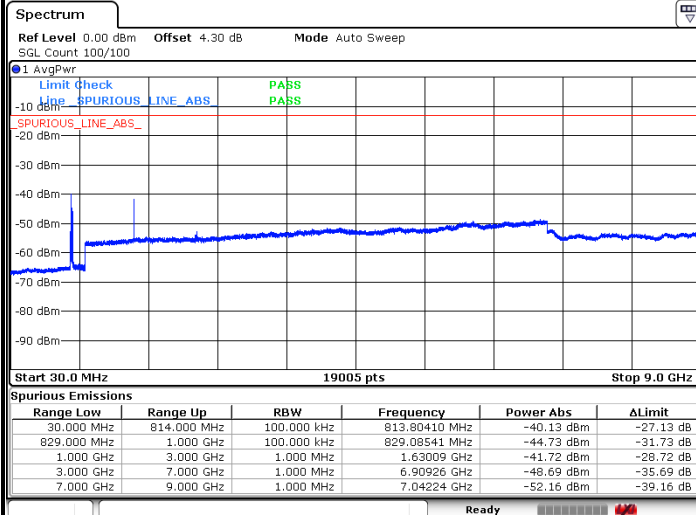


Date: 3\_JAN 2018 19:13:01



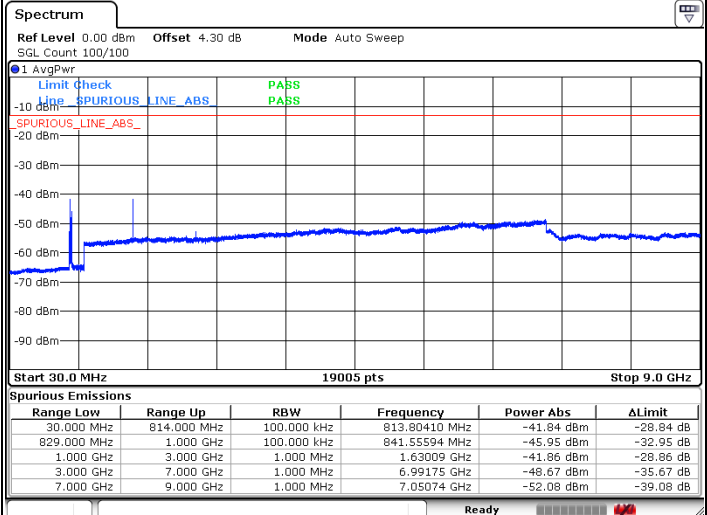
## LTE Band 26 / 15MHz

## Lowest Channel / QPSK



Date: 3 JAN 2018 19:15:34

## Lowest Channel / 16QAM

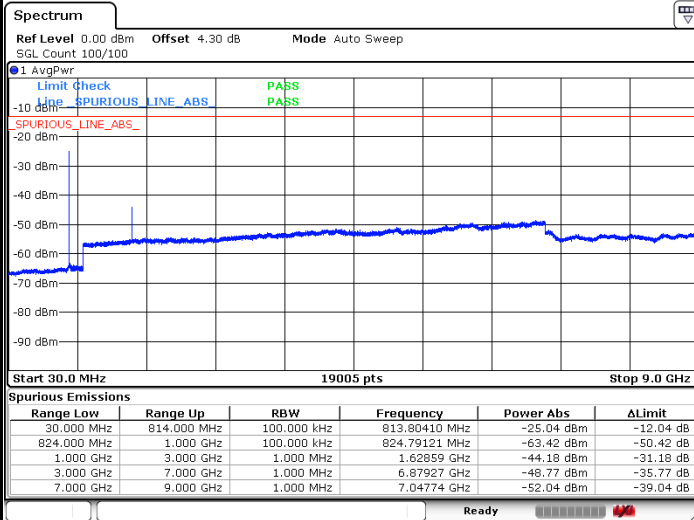


Date: 3 JAN 2018 19:16:02



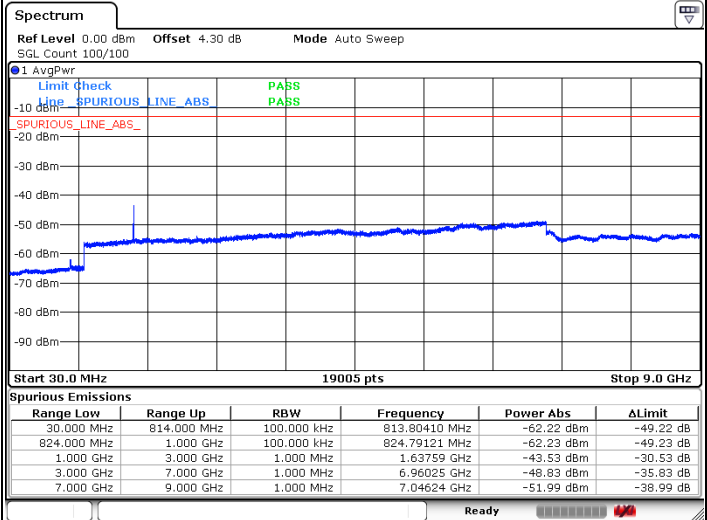
## LTE Band 26 / 1.4MHz

## Lowest Channel / 64QAM



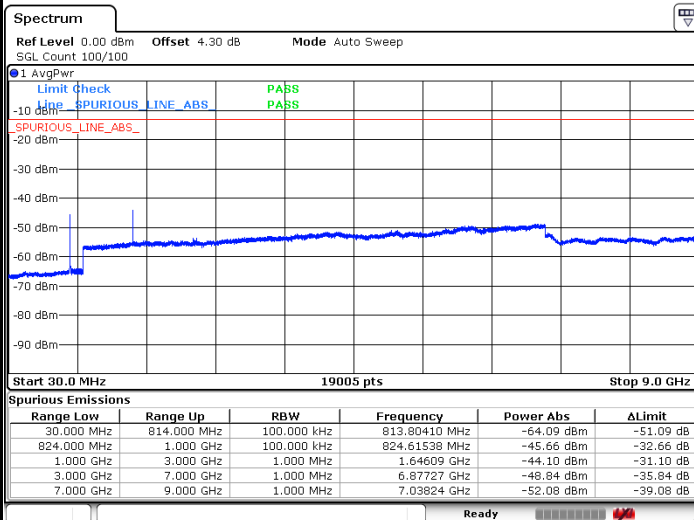
Date: 3 JAN 2018 18:57:56

## Middle Channel / 64QAM



Date: 3 JAN 2018 18:57:27

## Highest Channel / 64QAM

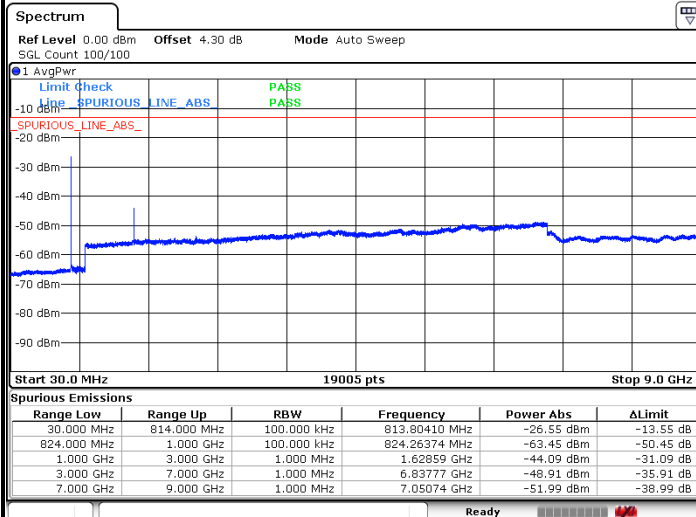


Date: 3 JAN 2018 19:00:28



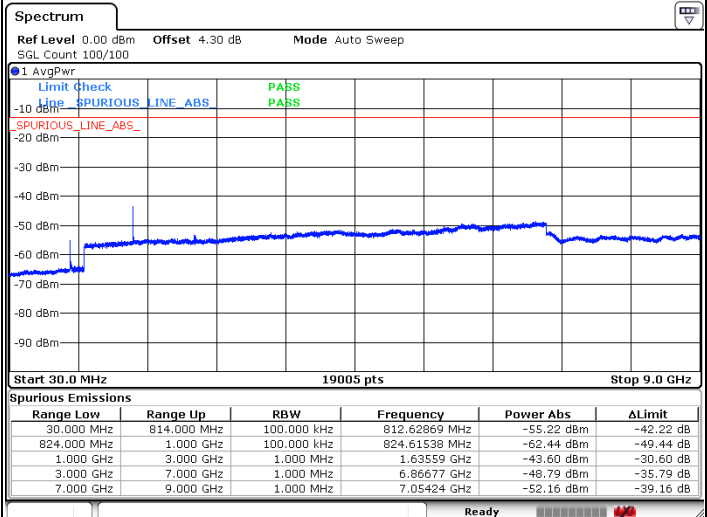
## LTE Band 26 / 3MHz

## Lowest Channel / 64QAM



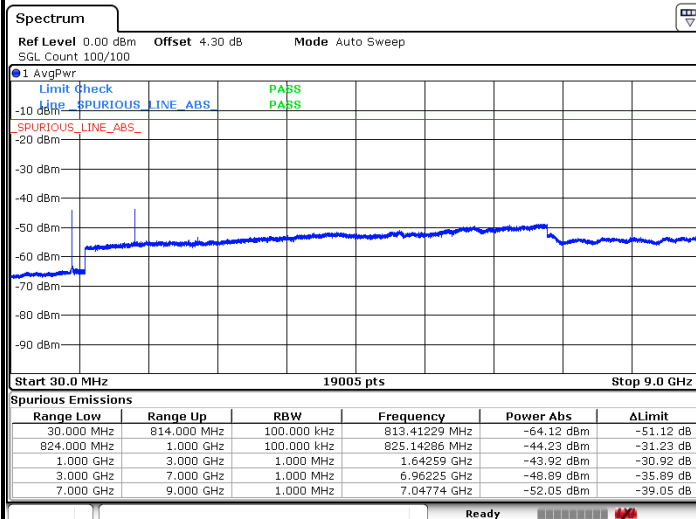
Date: 3 JAN 2018 19:01:48

## Middle Channel / 64QAM



Date: 3 JAN 2018 19:04:14

## Highest Channel / 64QAM

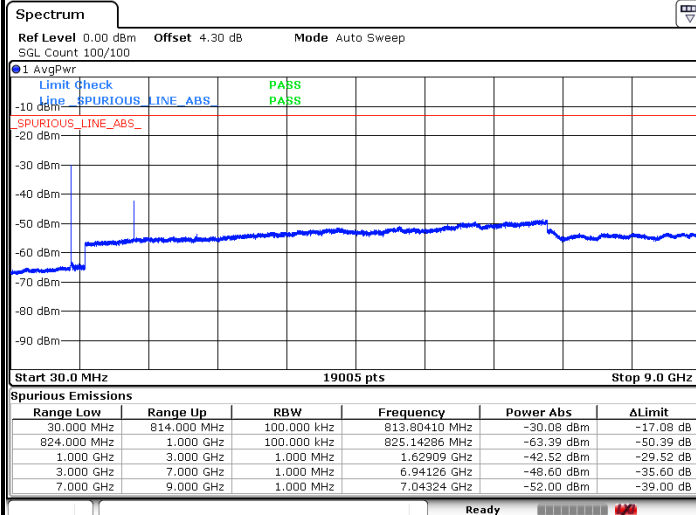


Date: 3 JAN 2018 19:04:46



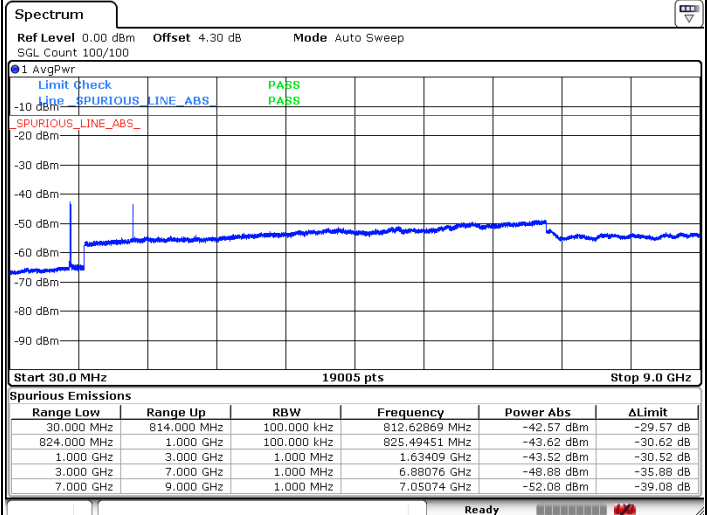
## LTE Band 26 / 5MHz

## Lowest Channel / 64QAM



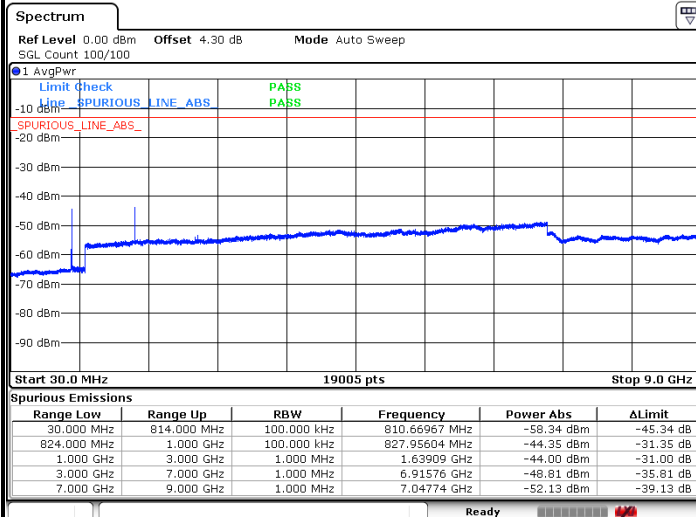
Date: 3 JAN 2018 19:08:08

## Middle Channel / 64QAM



Date: 3 JAN 2018 19:08:45

## Highest Channel / 64QAM

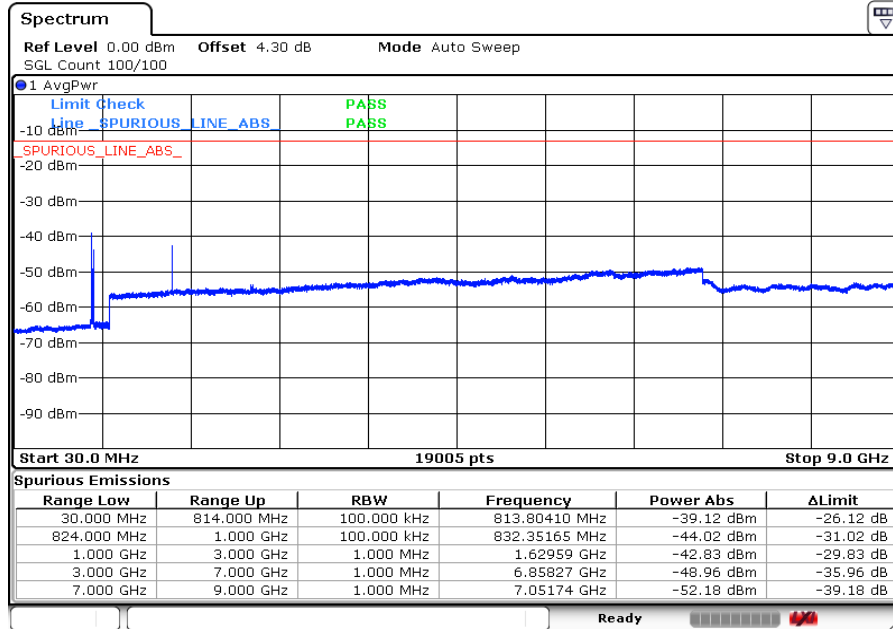


Date: 3 JAN 2018 19:11:13



LTE Band 26 / 10MHz

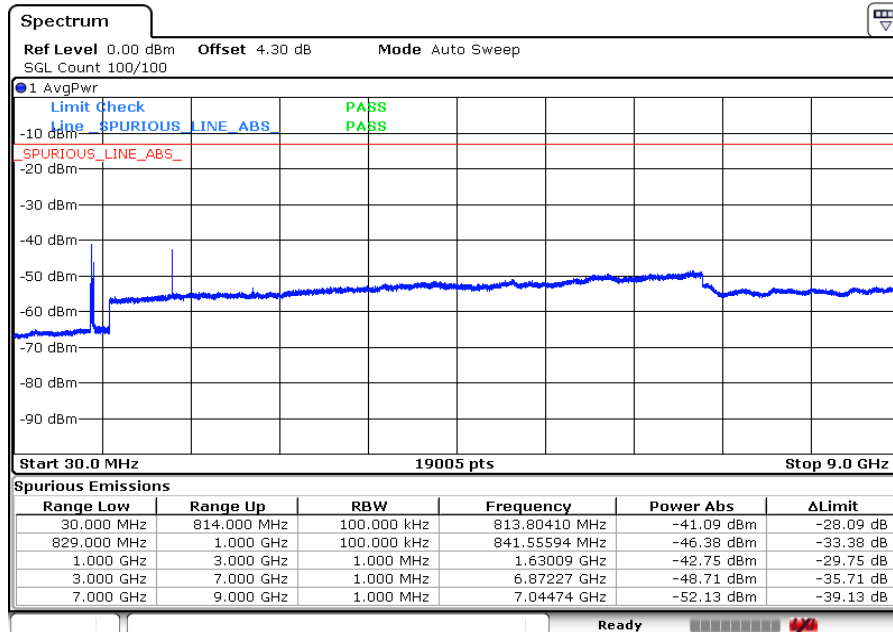
Middle Channel / 64QAM



Date: 3 JAN 2018 19:12:30

LTE Band 26 / 15MHz

Lowest Channel / 64QAM



Date: 3 JAN 2018 19:16:25

## Frequency Stability

| Test Conditions  |                   | LTE Band 26 (QPSK) / Middle Channel | Limit  |
|------------------|-------------------|-------------------------------------|--------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | 2.5ppm |
|                  |                   | Deviation (ppm)                     | Result |
| 50               | Normal Voltage    | 0.0054                              | PASS   |
| 40               | Normal Voltage    | 0.0089                              |        |
| 30               | Normal Voltage    | 0.0066                              |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |        |
| 10               | Normal Voltage    | 0.0081                              |        |
| 0                | Normal Voltage    | 0.0004                              |        |
| -10              | Normal Voltage    | 0.0021                              |        |
| -20              | Normal Voltage    | 0.0089                              |        |
| -30              | Normal Voltage    | 0.0070                              |        |
| 20               | Maximum Voltage   | 0.0017                              |        |
| 20               | Normal Voltage    | 0.0001                              |        |
| 20               | Battery End Point | 0.0073                              |        |

**Note:**

1. Normal Voltage =3.8 V. ; Battery End Point (BEP) =3.4 V. ; Maximum Voltage =4.35 V.
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

| LTE Band 26 / 1.4MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|--------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                           | 1638              | -27.35      | -13           | -14.35            | -34.47            | -29.26             | 1.14                 | 5.20                  | H                  |
|                                                  | 2456              | -46.16      | -13           | -33.16            | -56.62            | -48.79             | 1.12                 | 5.90                  | H                  |
|                                                  | 3273              | -49.63      | -13           | -36.63            | -59.60            | -52.84             | 1.34                 | 6.70                  | H                  |
|                                                  | 4092              | -50.35      | -13           | -37.35            | -64.11            | -53.81             | 1.59                 | 7.20                  | H                  |
|                                                  | 1638              | -34.28      | -13           | -21.28            | -41.31            | -36.19             | 1.14                 | 5.20                  | V                  |
|                                                  | 2456              | -47.52      | -13           | -34.52            | -57.98            | -50.15             | 1.12                 | 5.90                  | V                  |
|                                                  | 3273              | -55.14      | -13           | -42.14            | -61.87            | -58.35             | 1.34                 | 6.70                  | V                  |
|                                                  | 4092              | -57.58      | -13           | -44.58            | -68.06            | -61.04             | 1.59                 | 7.20                  | V                  |

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

| LTE Band 26 / 3MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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              | -25.53      | -13           | -12.53            | -32.63            | -27.44             | 1.14                 | 5.20                  | H                  |
|                                                | 2454              | -43.73      | -13           | -30.73            | -54.57            | -46.36             | 1.12                 | 5.90                  | H                  |
|                                                | 3270              | -49.33      | -13           | -36.33            | -59.30            | -52.54             | 1.34                 | 6.70                  | H                  |
|                                                | 4089              | -47.66      | -13           | -34.66            | -61.42            | -51.12             | 1.59                 | 7.20                  | H                  |
|                                                | 1636              | -32.13      | -13           | -19.13            | -39.22            | -34.04             | 1.14                 | 5.20                  | V                  |
|                                                | 2454              | -44.97      | -13           | -31.97            | -56.59            | -47.60             | 1.12                 | 5.90                  | V                  |
|                                                | 3270              | -55.14      | -13           | -42.14            | -59.19            | -58.35             | 1.34                 | 6.70                  | V                  |
|                                                | 4089              | -54.84      | -13           | -41.84            | -65.32            | -58.30             | 1.59                 | 7.20                  | V                  |

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

| LTE Band 26 / 5MHz / QPSK / RB Size 1 Offset 0 |                   |             |               |                   |                   |                    |                      |                       |                    |
|------------------------------------------------|-------------------|-------------|---------------|-------------------|-------------------|--------------------|----------------------|-----------------------|--------------------|
| 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                                         | 1634              | -23.75      | -13           | -10.75            | -30.86            | -25.66             | 1.14                 | 5.20                  | H                  |
|                                                | 2450              | -42.84      | -13           | -29.84            | -53.85            | -45.47             | 1.12                 | 5.90                  | H                  |
|                                                | 3267              | -46.30      | -13           | -33.30            | -57.10            | -49.51             | 1.34                 | 6.70                  | H                  |
|                                                | 4083              | -46.73      | -13           | -33.73            | -60.49            | -50.19             | 1.59                 | 7.20                  | H                  |
|                                                | 1634              | -30.79      | -13           | -17.79            | -37.85            | -32.70             | 1.14                 | 5.20                  | V                  |
|                                                | 2450              | -44.24      | -13           | -31.24            | -55.51            | -46.87             | 1.12                 | 5.90                  | V                  |
|                                                | 3267              | -55.14      | -13           | -42.14            | -59.25            | -58.35             | 1.34                 | 6.70                  | V                  |
|                                                | 4083              | -52.31      | -13           | -39.31            | -62.79            | -55.77             | 1.59                 | 7.20                  | V                  |

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



| LTE Band 26 / 10MHz / QPSK / RB Size 1 Offset 0 |                      |                |                  |                         |                         |                          |                            |                             |                       |
|-------------------------------------------------|----------------------|----------------|------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|
| 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                                          | 1630                 | -19.79         | -13              | -6.79                   | -26.92                  | -21.70                   | 1.14                       | 5.20                        | H                     |
|                                                 | 2444                 | -39.18         | -13              | -26.18                  | -50.91                  | -41.81                   | 1.12                       | 5.90                        | H                     |
|                                                 | 3258                 | -41.24         | -13              | -28.24                  | -53.10                  | -44.45                   | 1.34                       | 6.70                        | H                     |
|                                                 | 4074                 | -42.67         | -13              | -29.67                  | -56.99                  | -46.13                   | 1.59                       | 7.20                        | H                     |
|                                                 | 1630                 | -27.77         | -13              | -14.77                  | -34.91                  | -29.68                   | 1.14                       | 5.20                        | V                     |
|                                                 | 2444                 | -42.09         | -13              | -29.09                  | -53.30                  | -44.72                   | 1.12                       | 5.90                        | V                     |
|                                                 | 3258                 | -44.25         | -13              | -31.25                  | -54.65                  | -47.46                   | 1.34                       | 6.70                        | V                     |
|                                                 | 4074                 | -51.03         | -13              | -38.03                  | -61.51                  | -54.49                   | 1.59                       | 7.20                        | V                     |

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