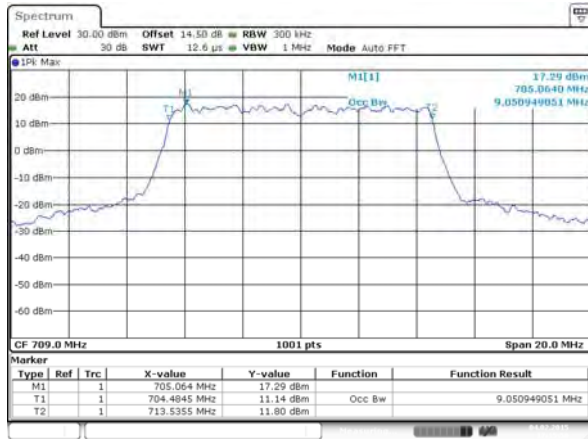


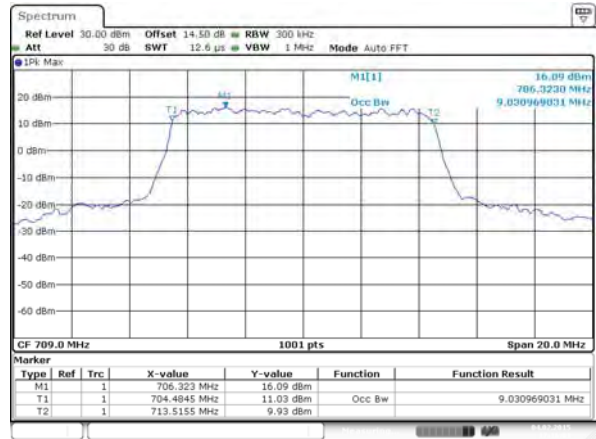


## LTE Band 17

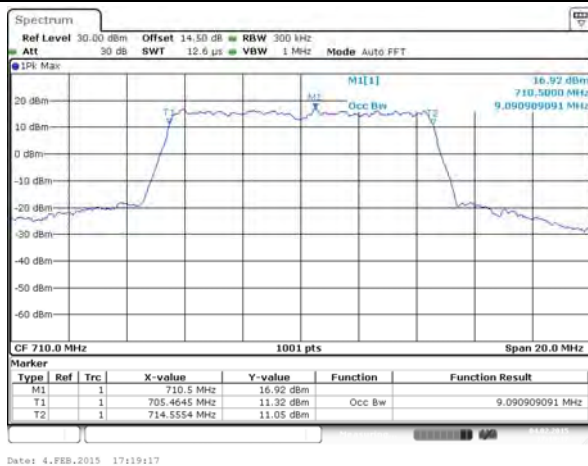
## Lowest Channel / 10MHz / QPSK



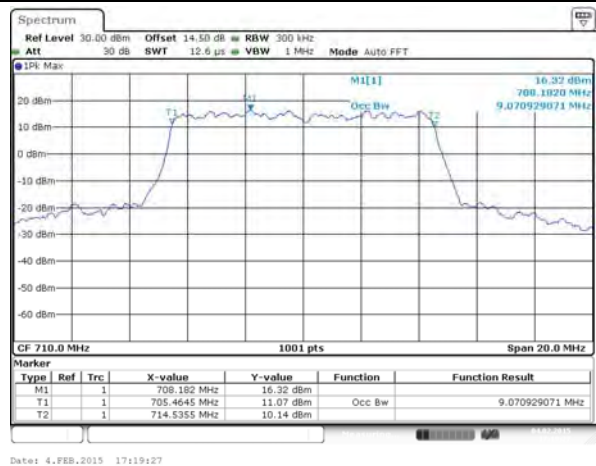
## Lowest Channel / 10MHz / 16QAM



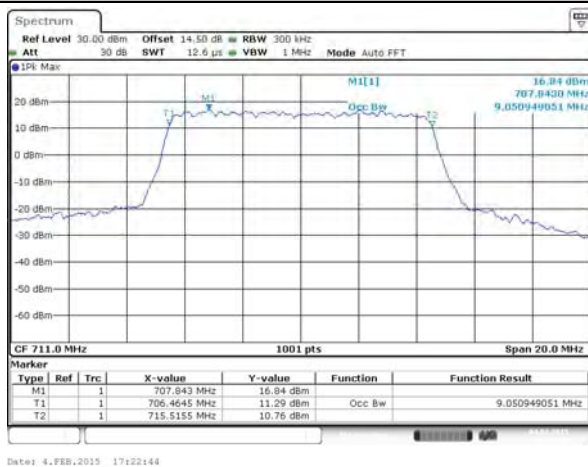
## Middle Channel / 10MHz / QPSK



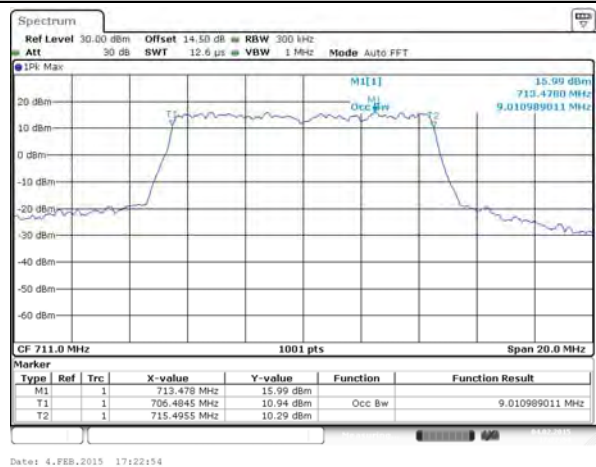
## Middle Channel / 10MHz / 16QAM

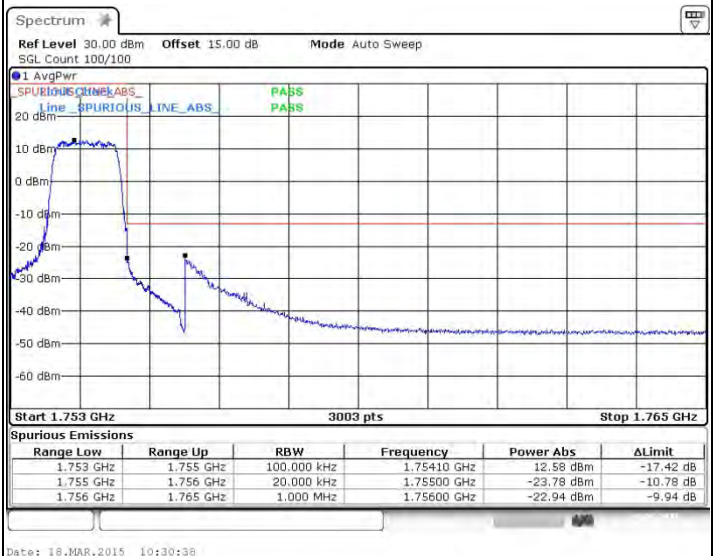


## Highest Channel / 10MHz / QPSK



## Highest Channel / 10MHz / 16QAM



**Conducted Band Edge****LTE Band 4 / 1.4MHz / QPSK****Lowest Band Edge / 1RB****Highest Band Edge / 1RB****Lowest Band Edge / Full RB****Highest Band Edge / Full RB**

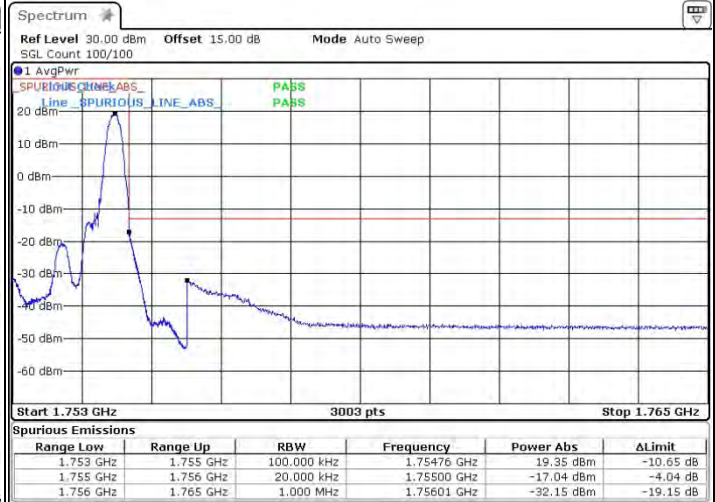


## LTE Band 4 / 1.4MHz / 16QAM

## Lowest Band Edge / 1 RB



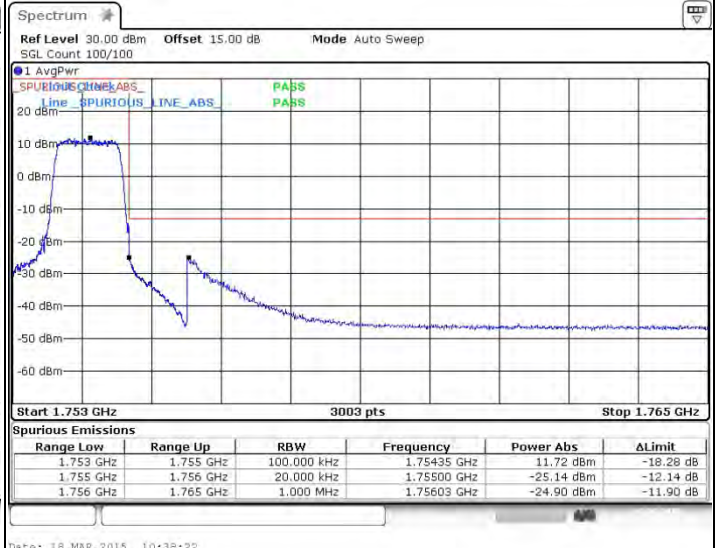
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



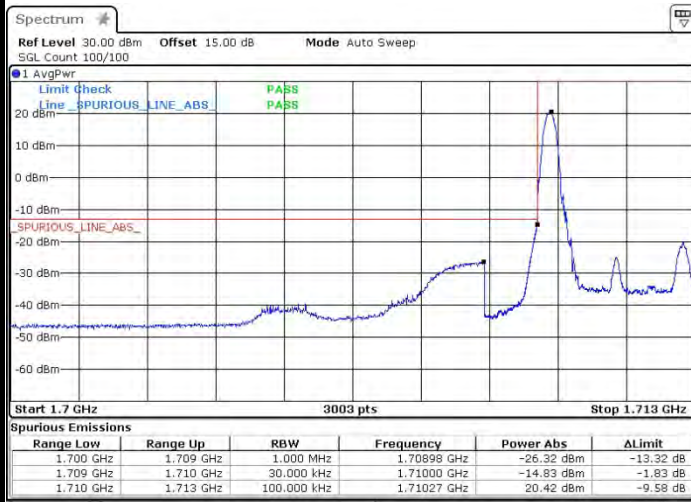
## Highest Band Edge / Full RB



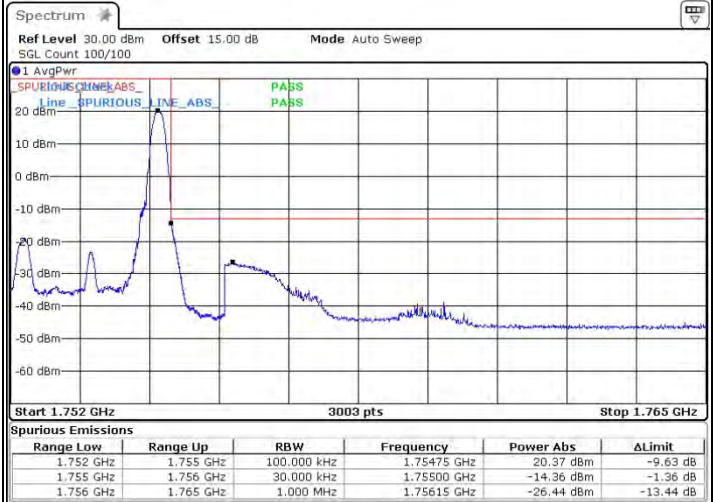


## LTE Band 4 / 3MHz / QPSK

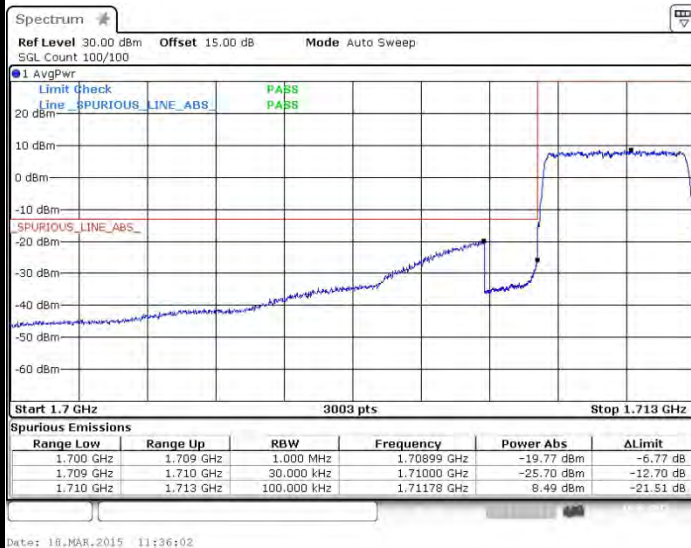
## Lowest Band Edge / 1RB



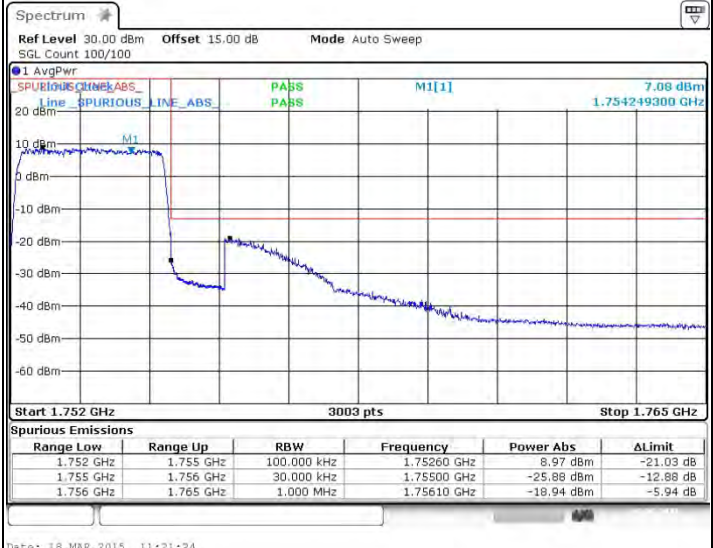
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



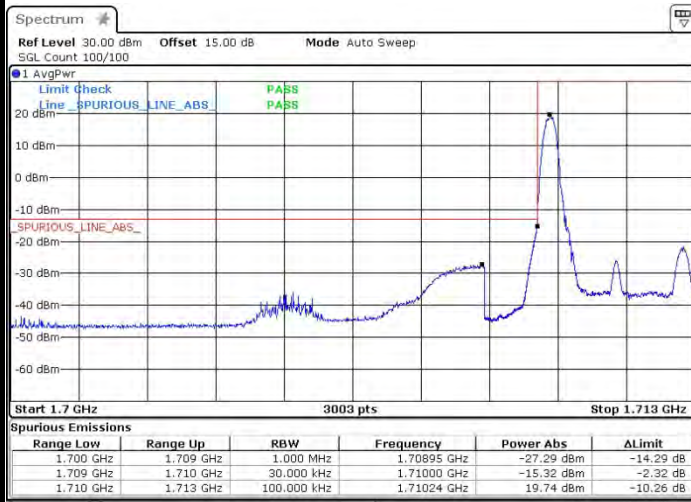
## Highest Band Edge / Full RB



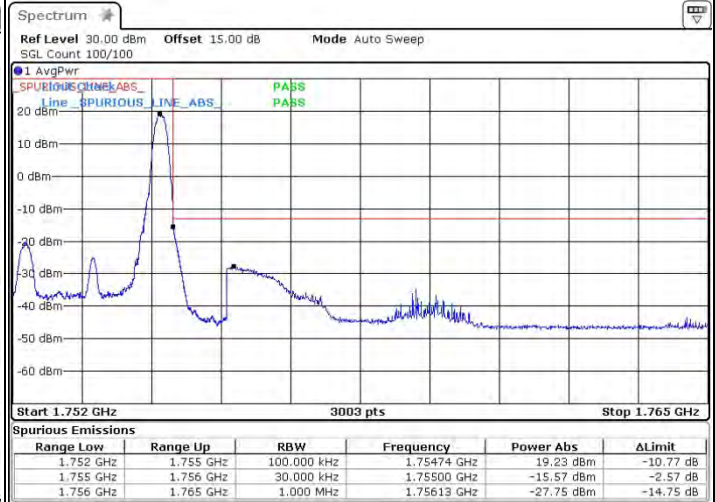


## LTE Band 4 / 3MHz / 16QAM

## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



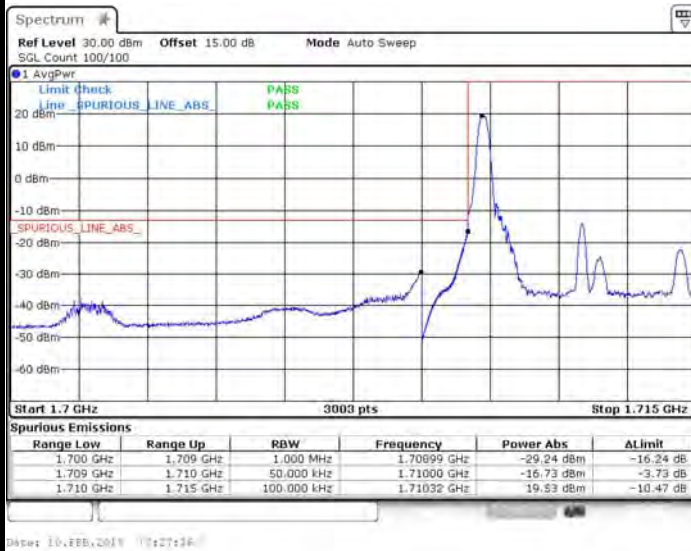
## Highest Band Edge / Full RB



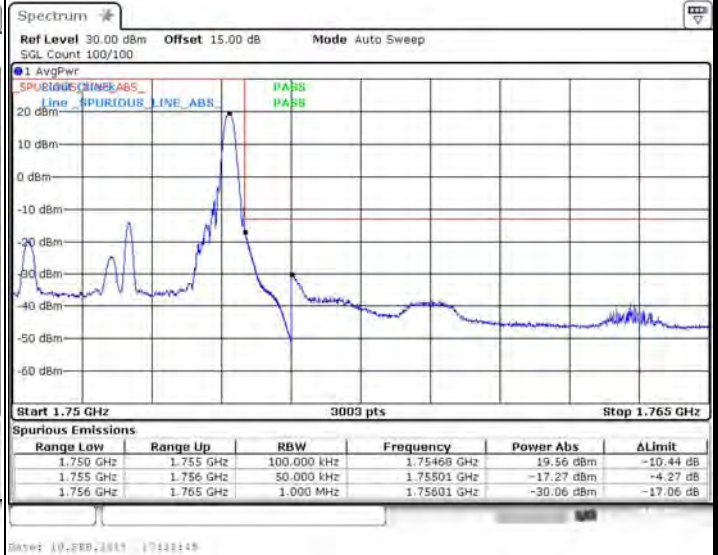


## LTE Band 4 / 5MHz / QPSK

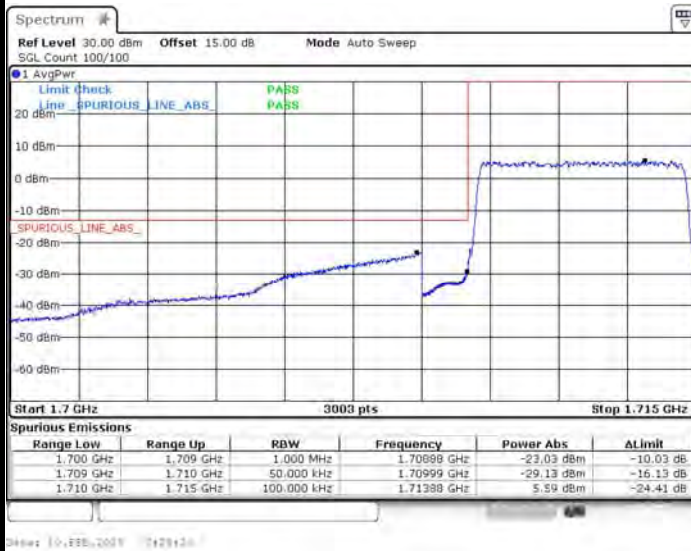
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



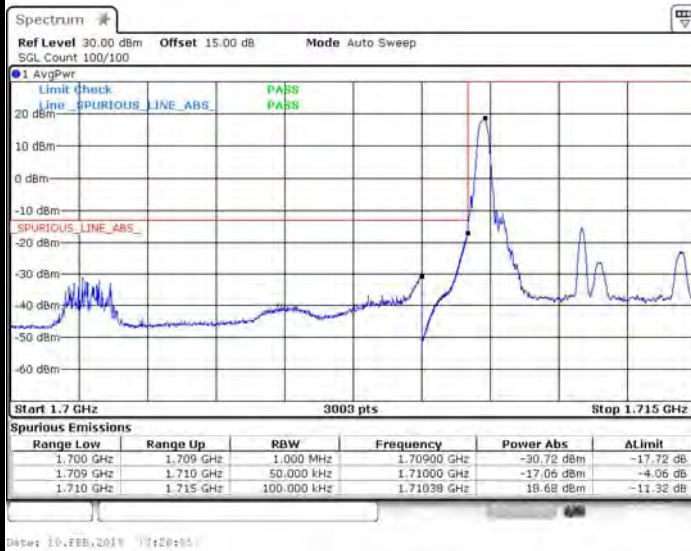
## Highest Band Edge / Full RB



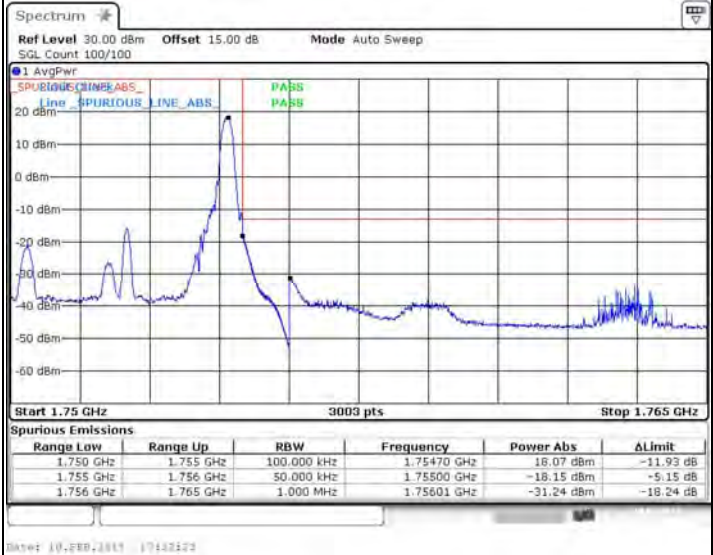


## LTE Band 4 / 5MHz / 16QAM

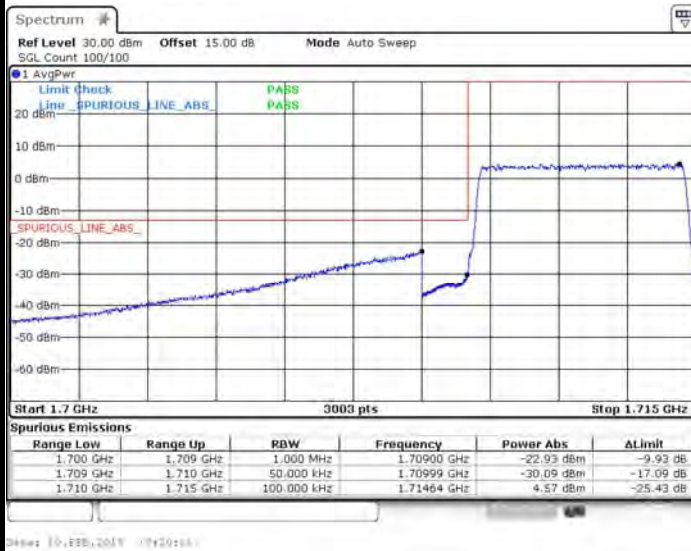
## Lowest Band Edge / 1RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



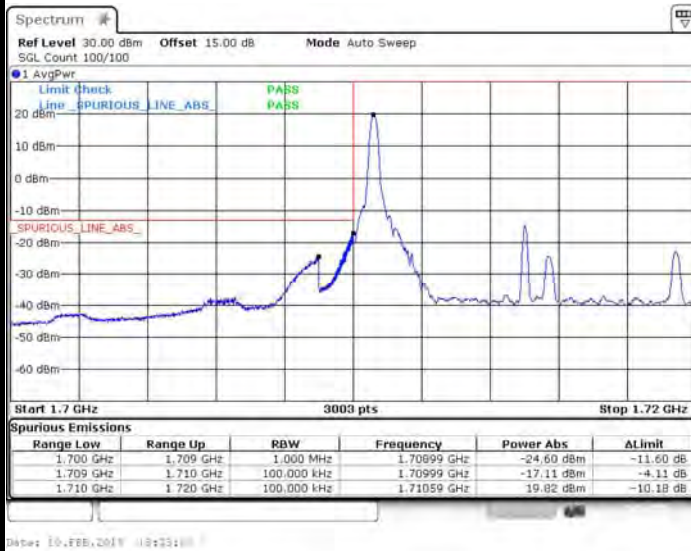
## Highest Band Edge / Full RB



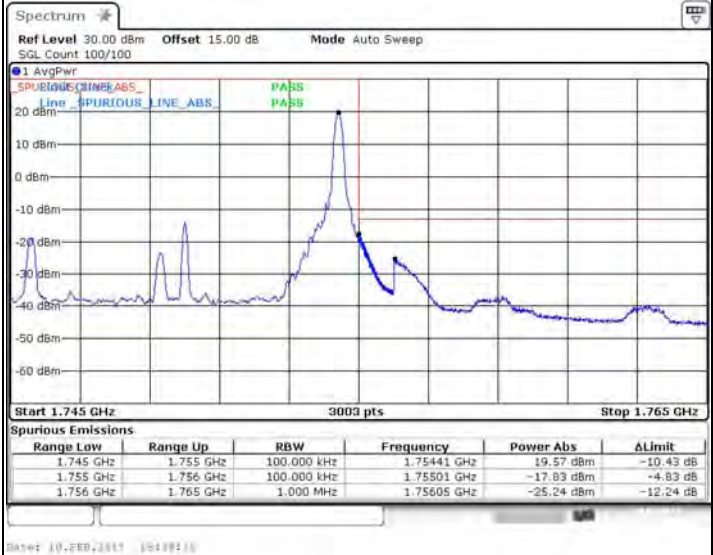


## LTE Band 4 / 10MHz / QPSK

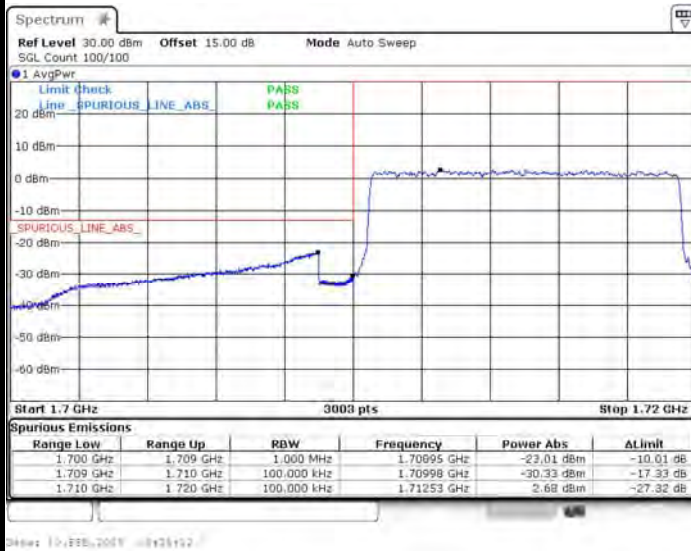
## Lowest Band Edge / 1 RB



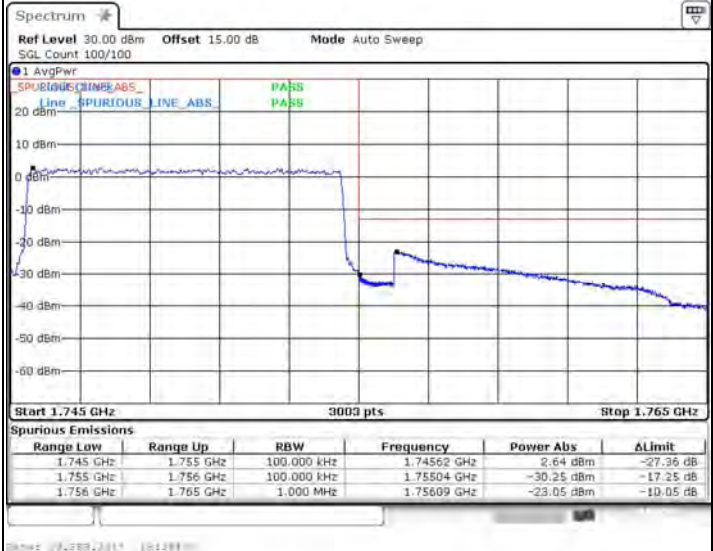
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



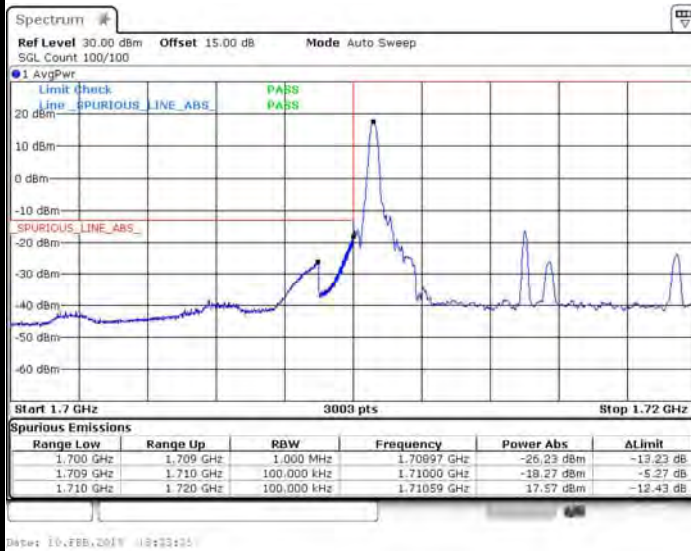
## Highest Band Edge / Full RB



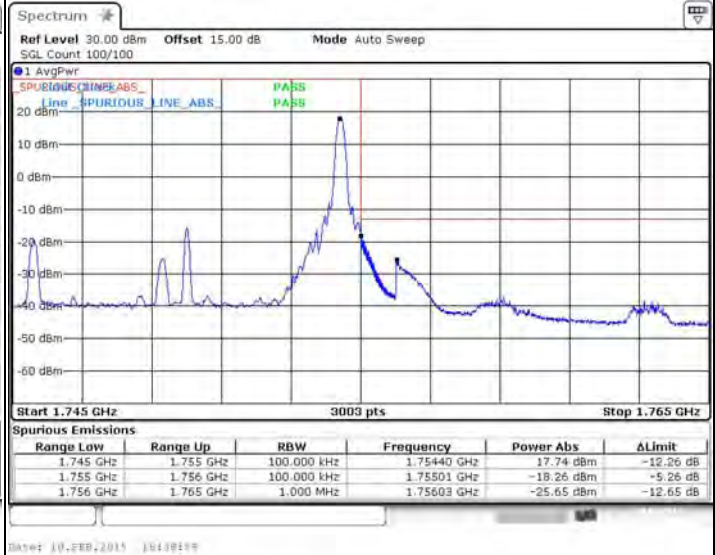


## LTE Band 4 / 10MHz / 16QAM

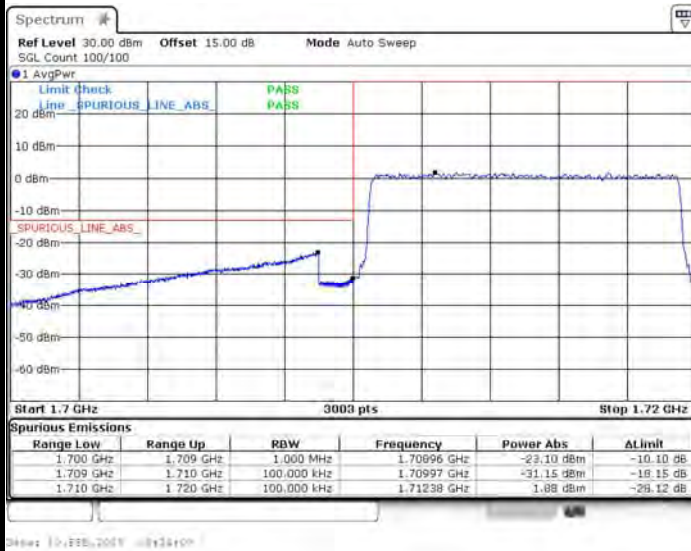
## Lowest Band Edge / 1 RB



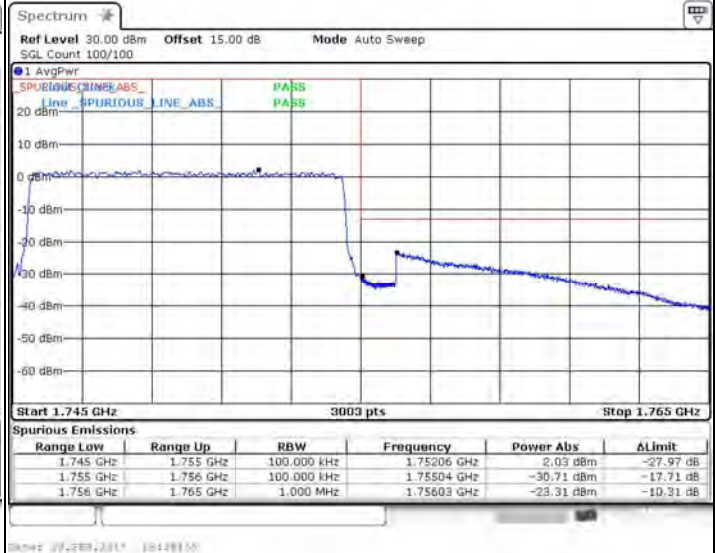
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



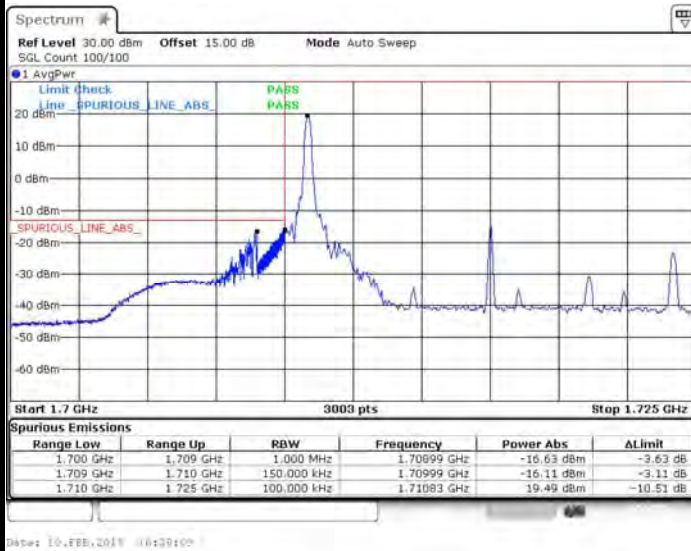
## Highest Band Edge / Full RB



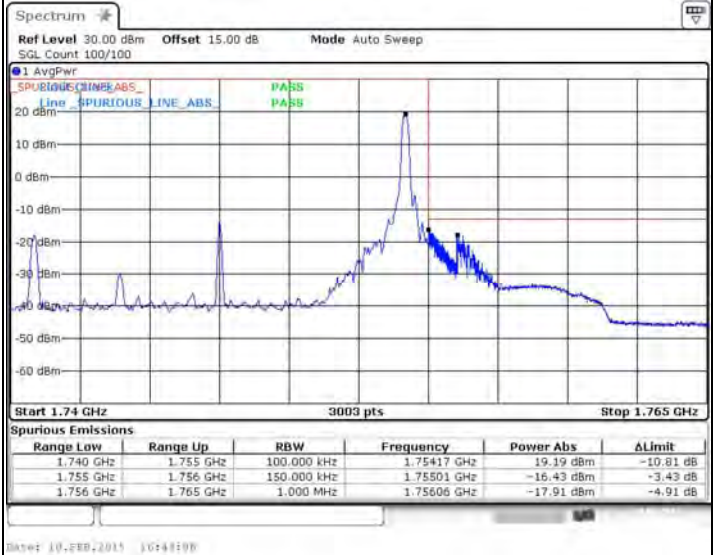


## LTE Band 4 / 15MHz / QPSK

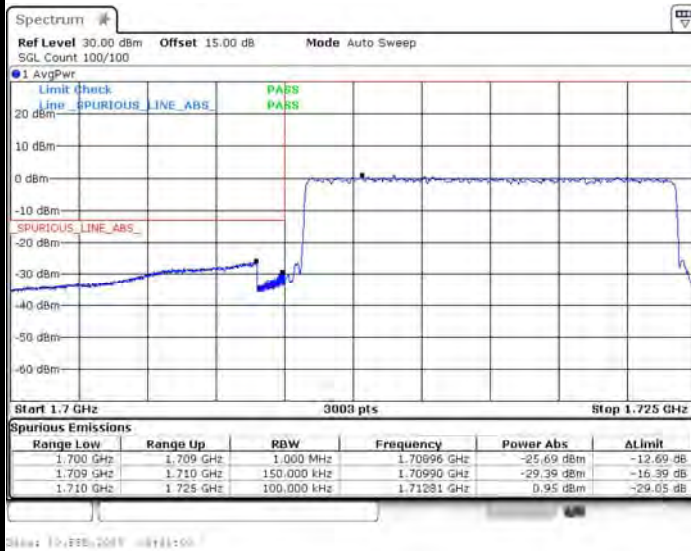
## Lowest Band Edge / 1 RB



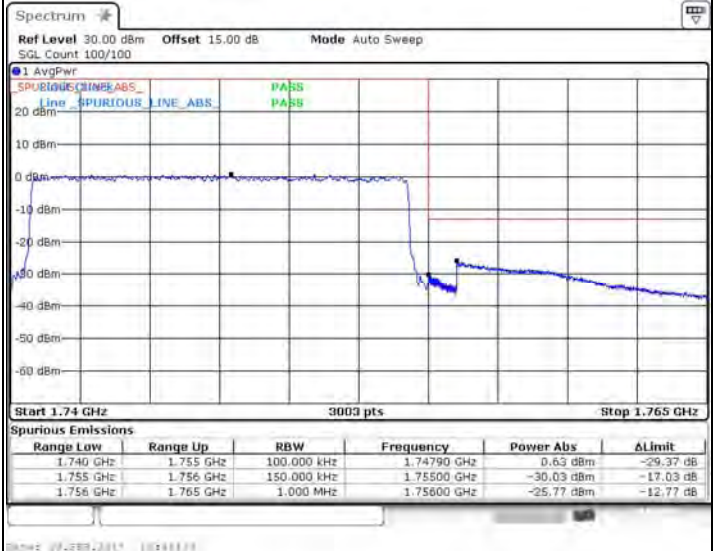
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



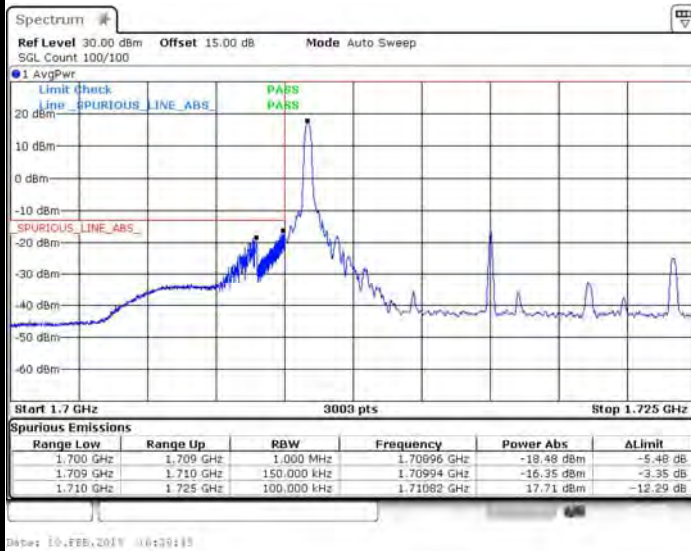
## Highest Band Edge / Full RB



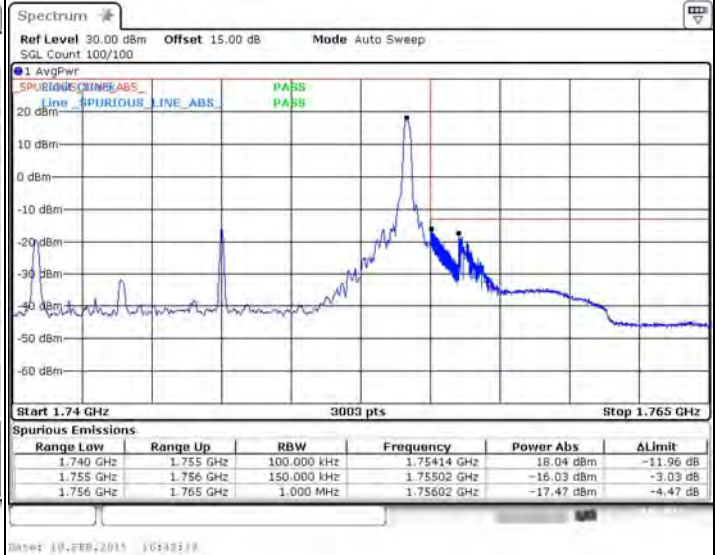


## LTE Band 4 / 15MHz / 16QAM

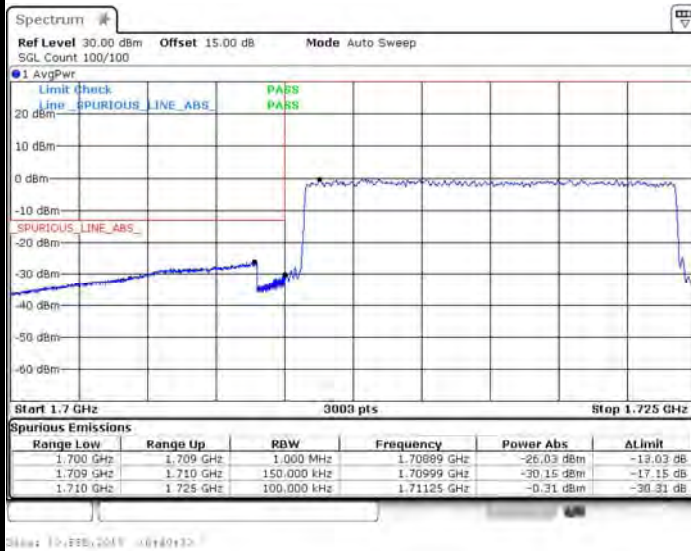
## Lowest Band Edge / 1 RB



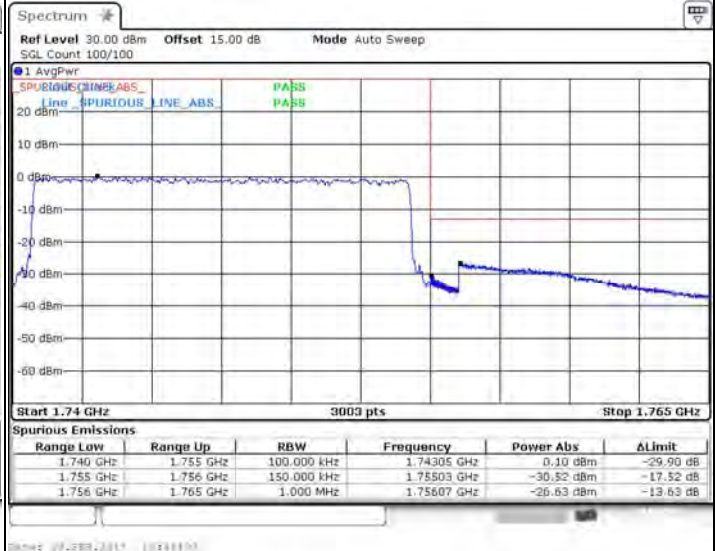
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



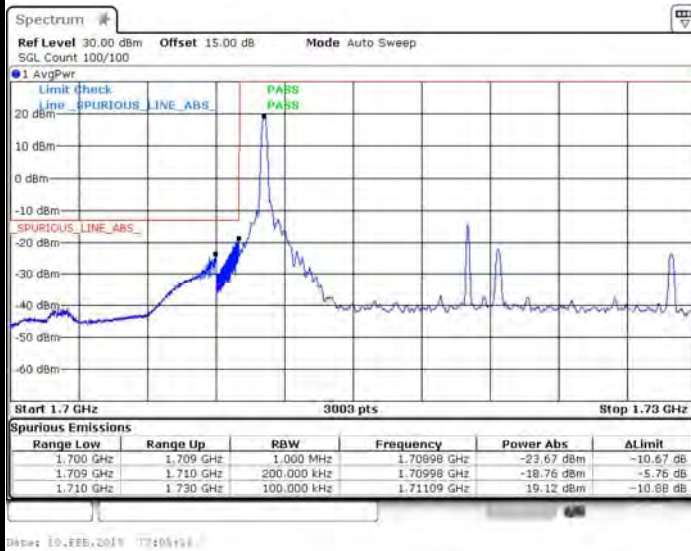
## Highest Band Edge / Full RB



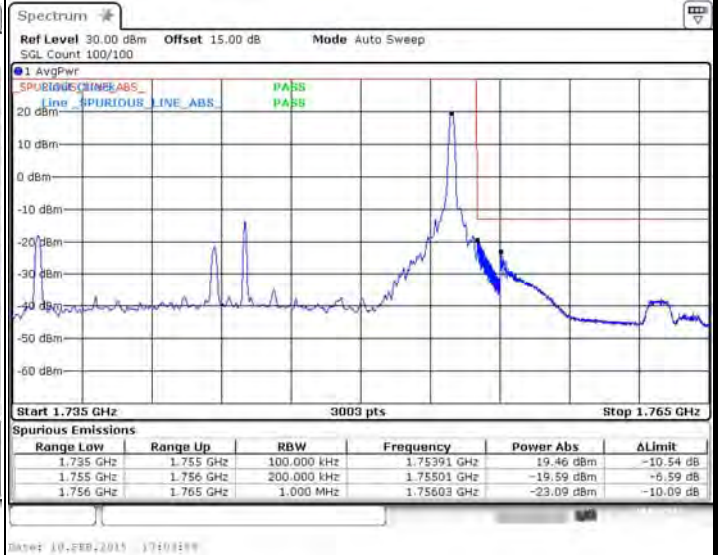


## LTE Band 4 / 20MHz / QPSK

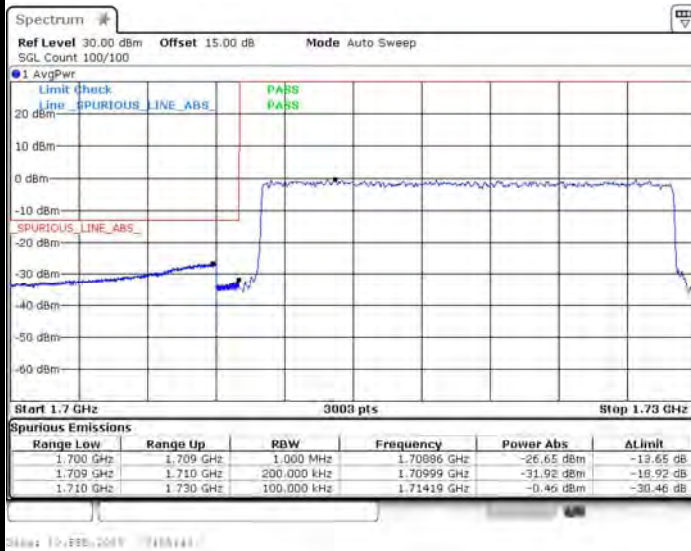
## Lowest Band Edge / 1 RB



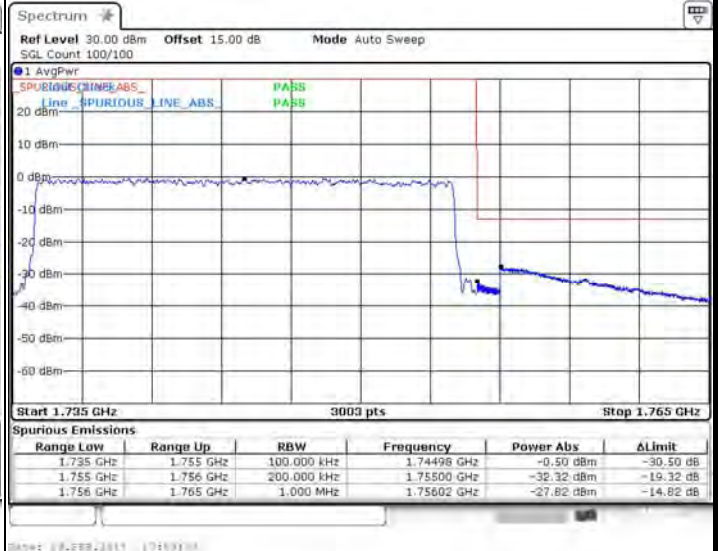
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



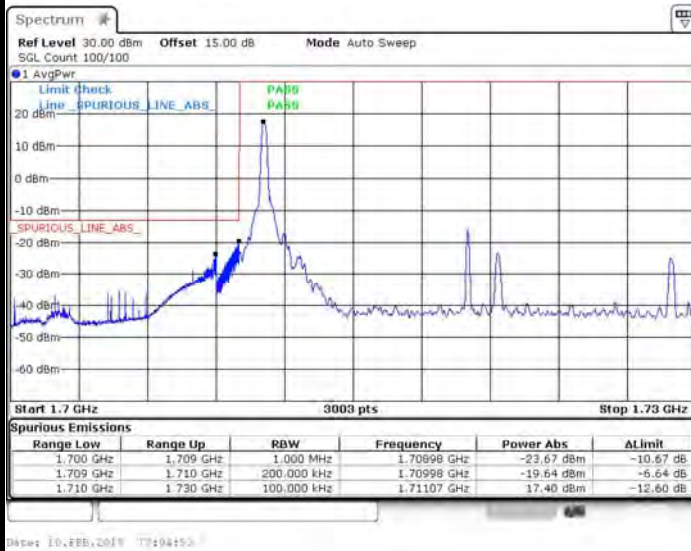
## Highest Band Edge / Full RB



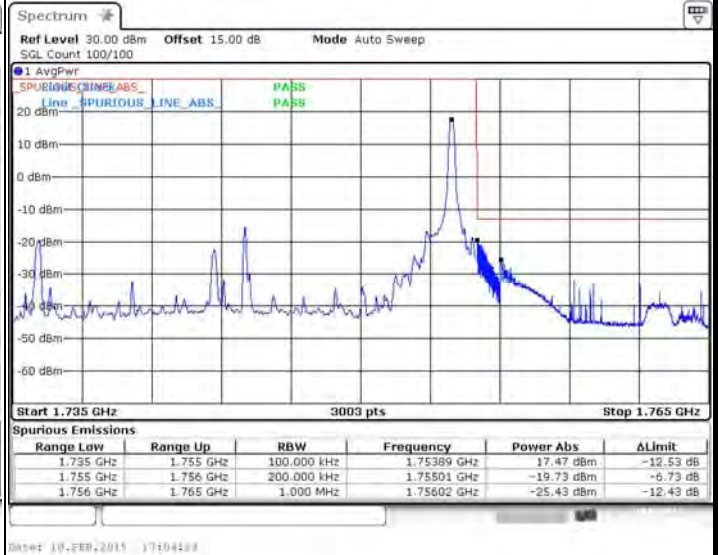


## LTE Band 4 / 20MHz / 16QAM

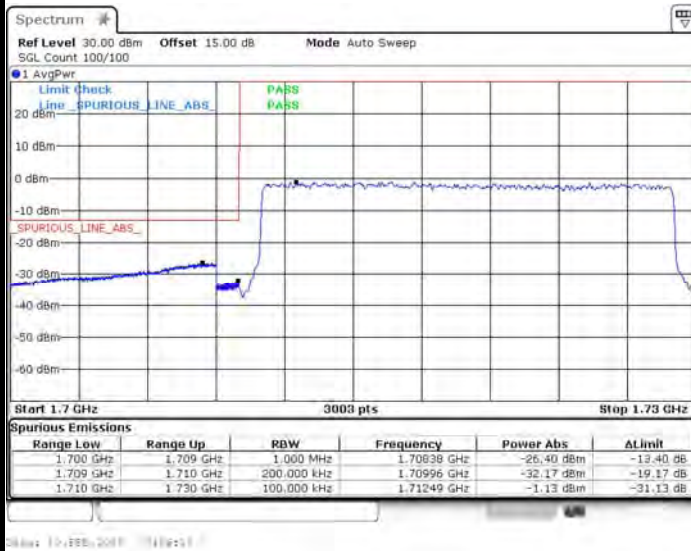
## Lowest Band Edge / 1 RB



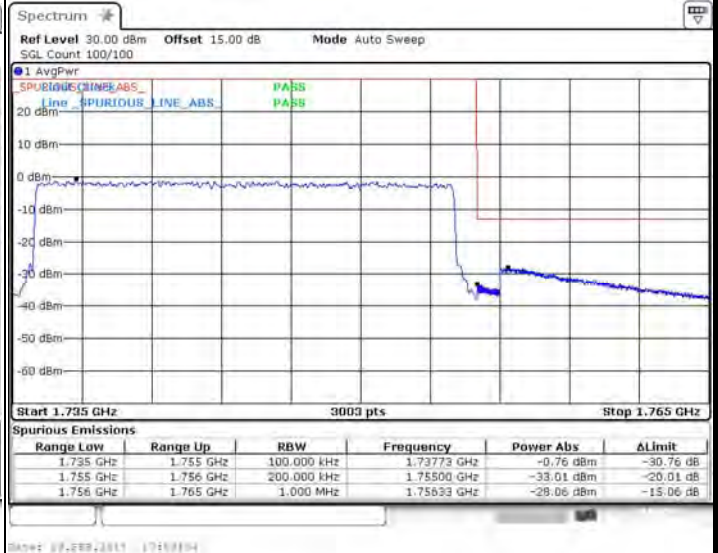
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



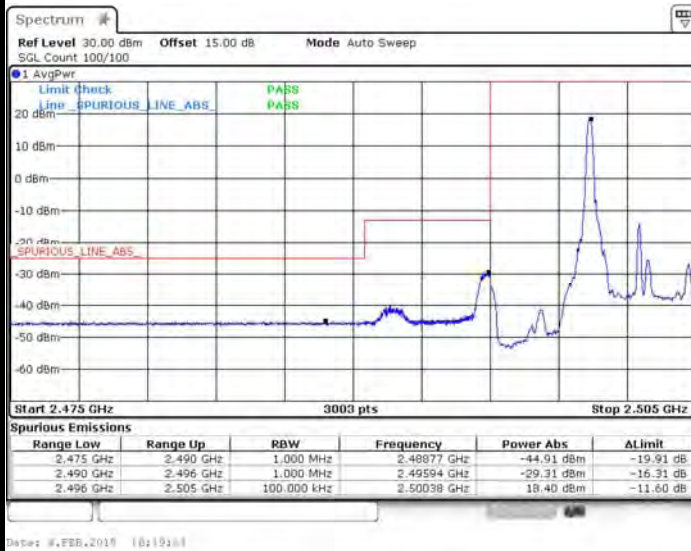
## Highest Band Edge / Full RB



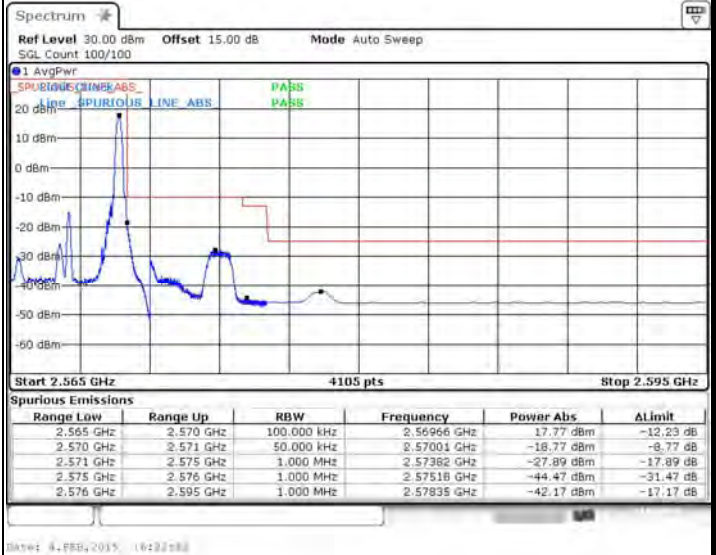


## LTE Band 7 / 5MHz / QPSK

## Lowest Band Edge / 1 RB



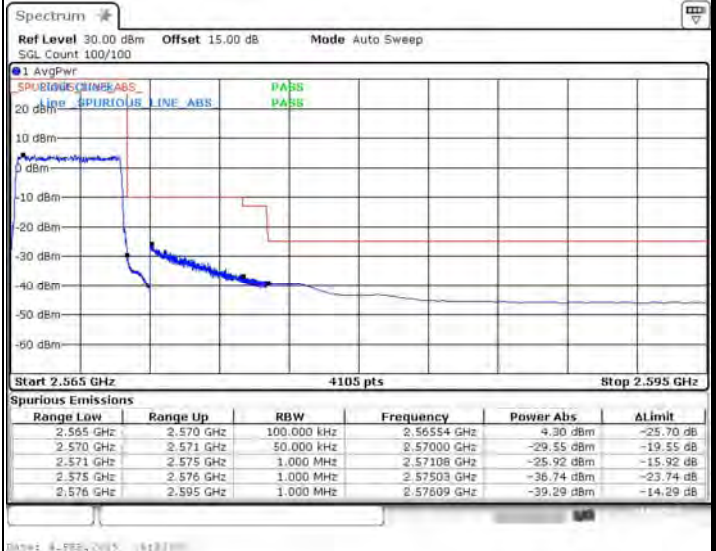
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



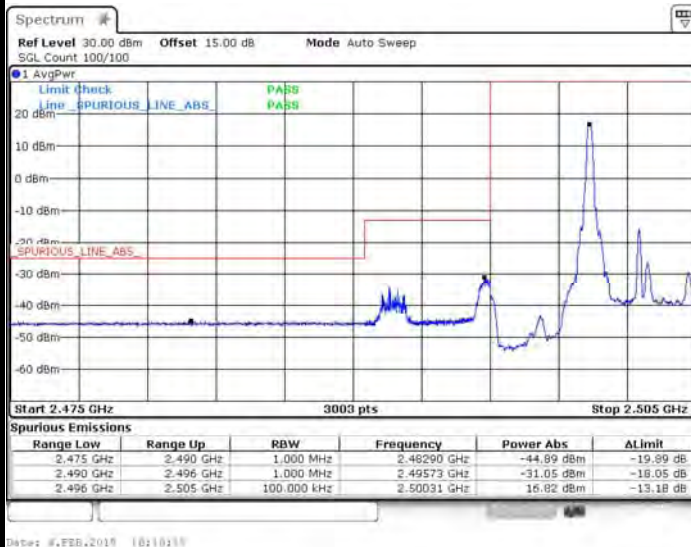
## Highest Band Edge / Full RB





## LTE Band 7 / 5MHz / 16QAM

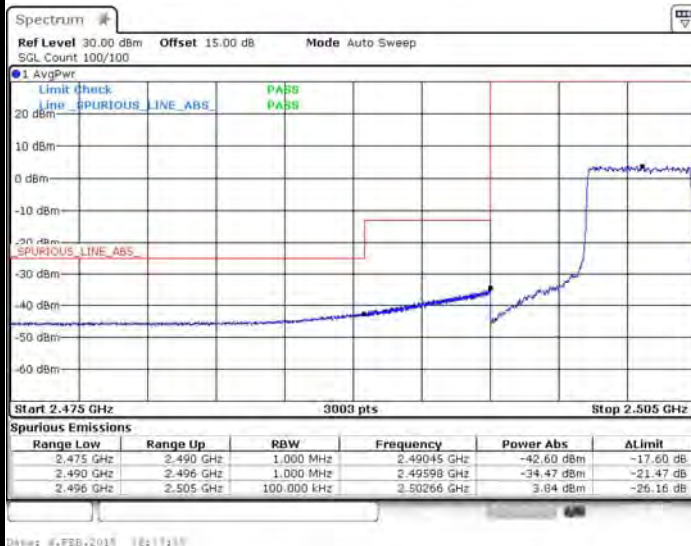
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



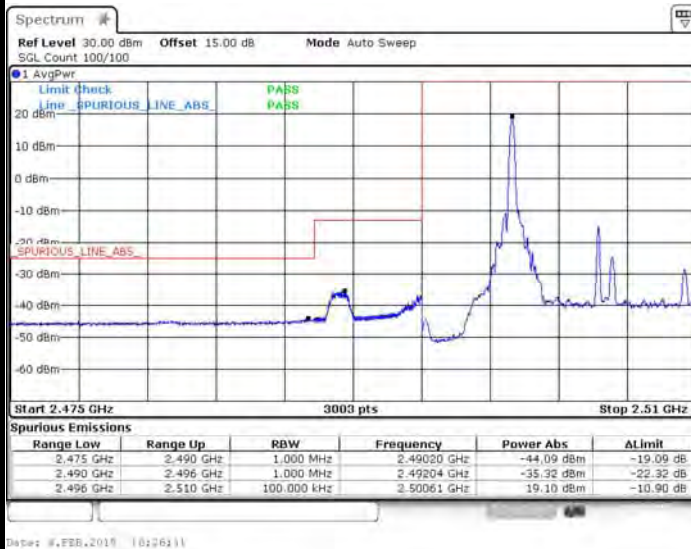
## Highest Band Edge / Full RB



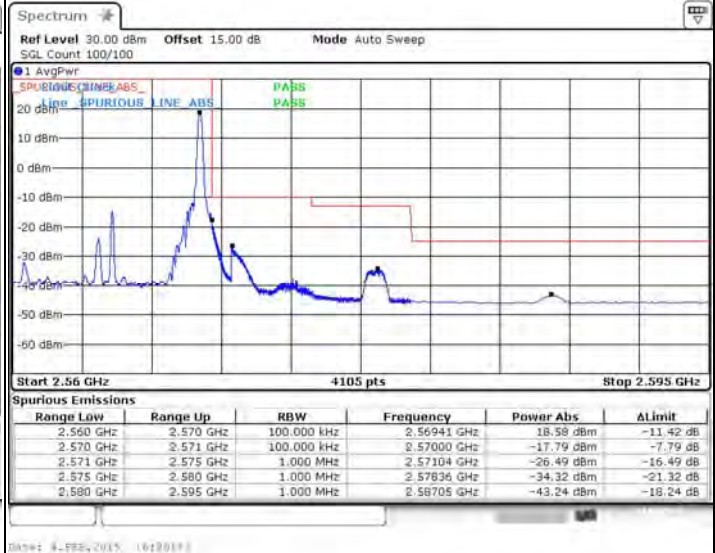


## LTE Band 7 / 10MHz / QPSK

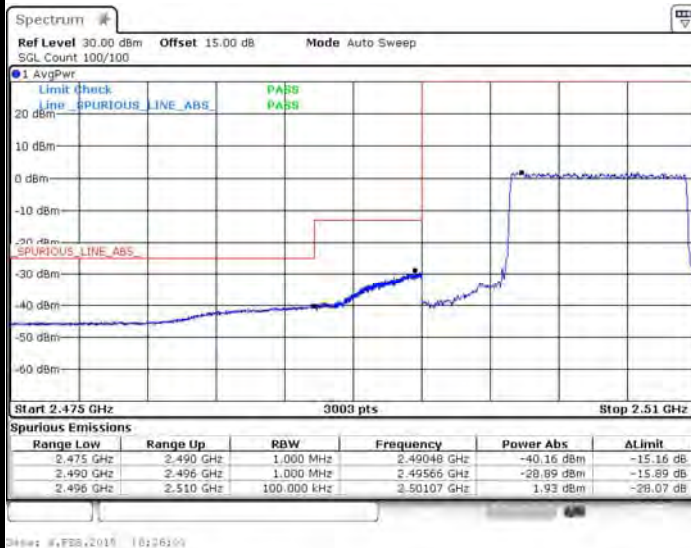
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



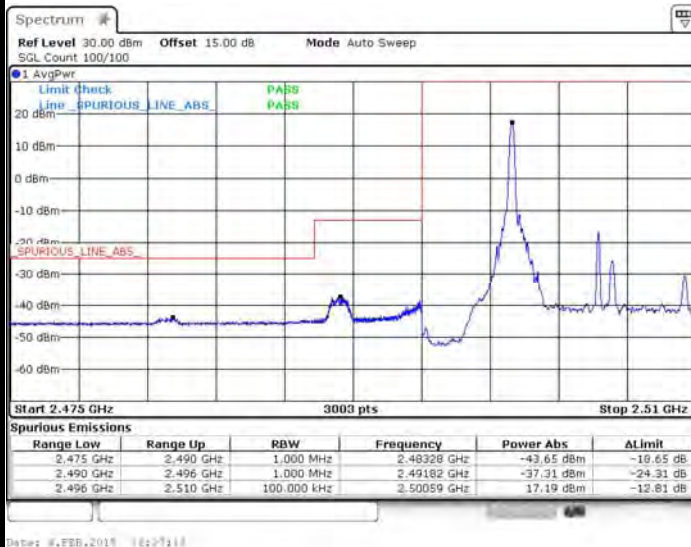
## Highest Band Edge / Full RB



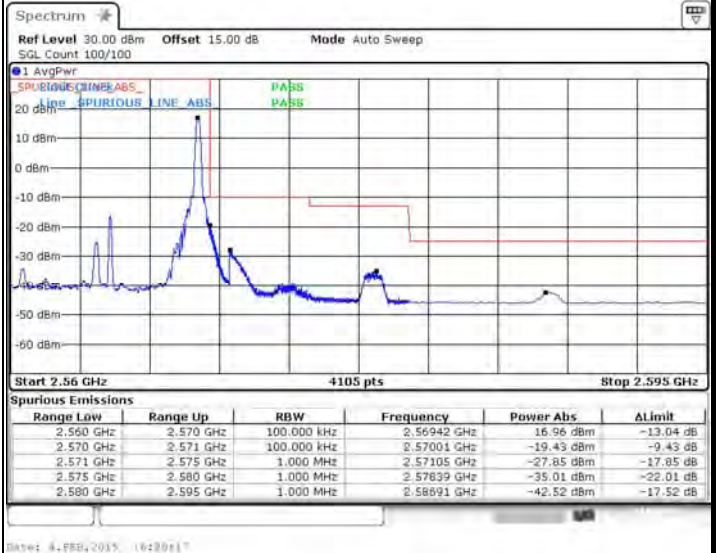


## LTE Band 7 / 10MHz / 16QAM

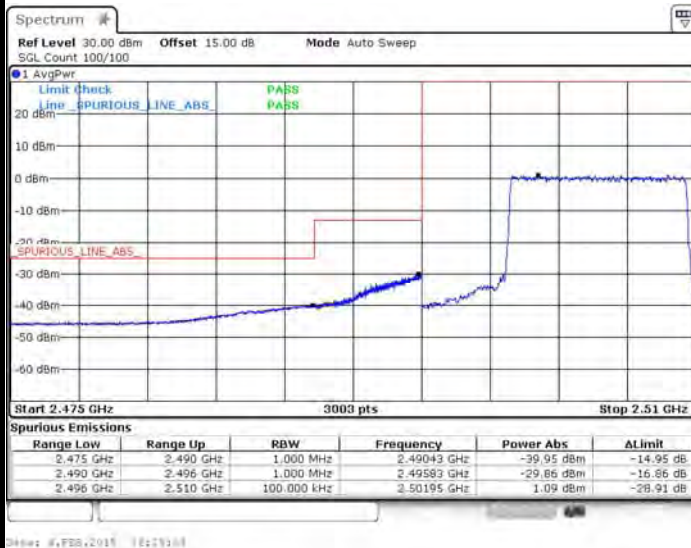
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



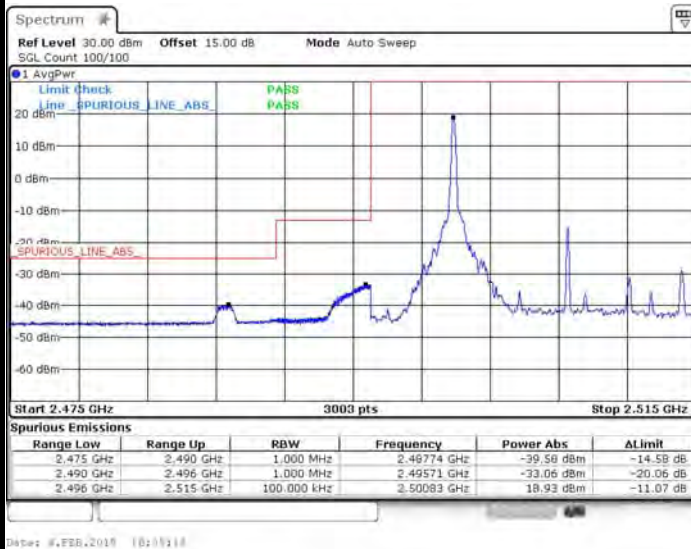
## Highest Band Edge / Full RB





## LTE Band 7 / 15MHz / QPSK

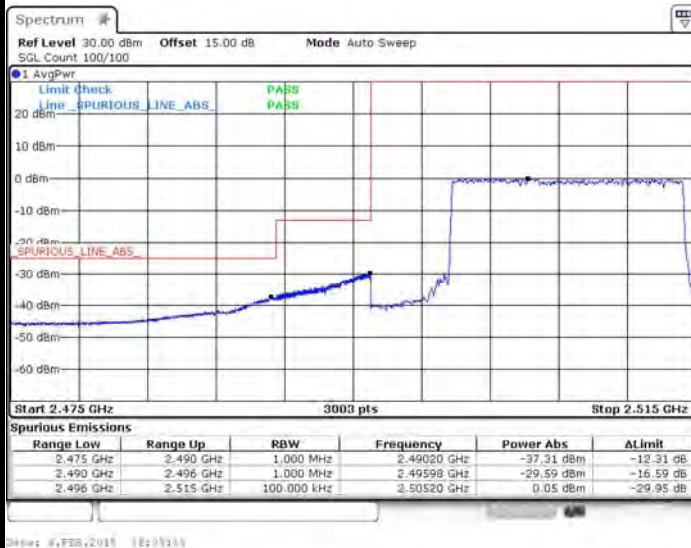
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



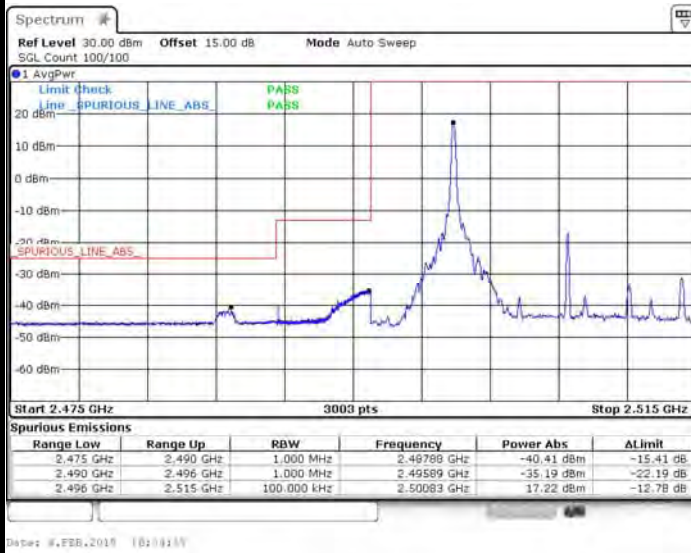
## Highest Band Edge / Full RB





## LTE Band 7 / 15MHz / 16QAM

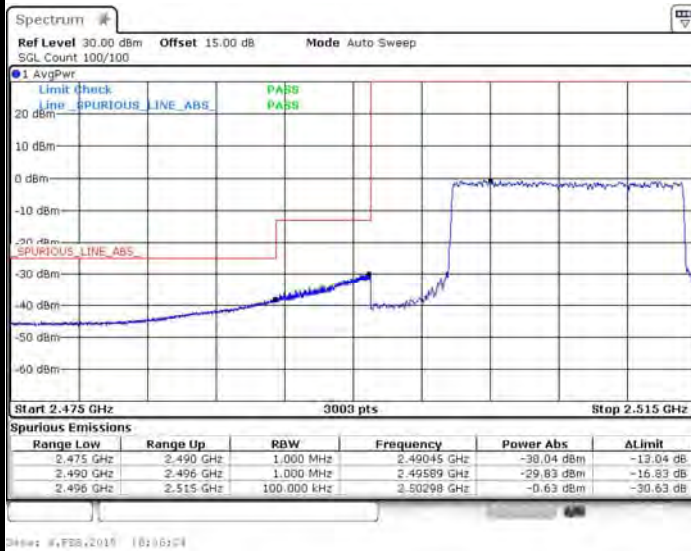
## Lowest Band Edge / 1 RB



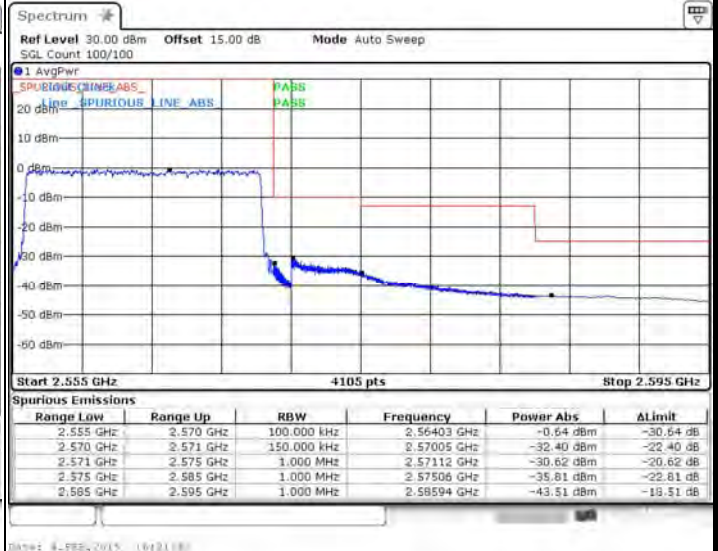
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



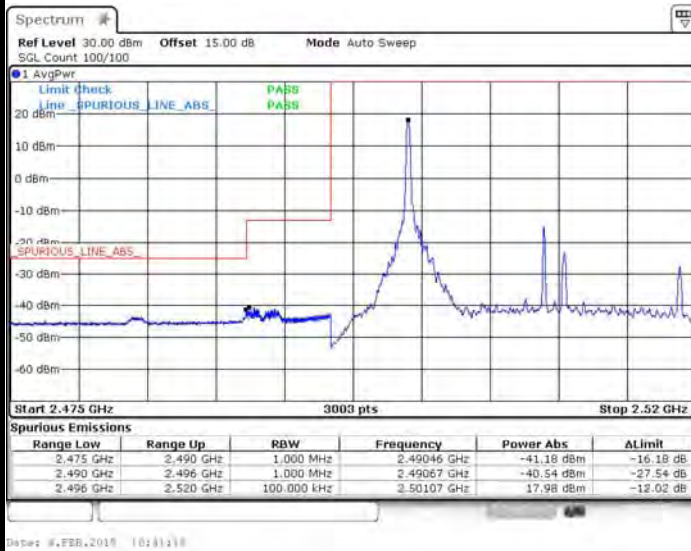
## Highest Band Edge / Full RB



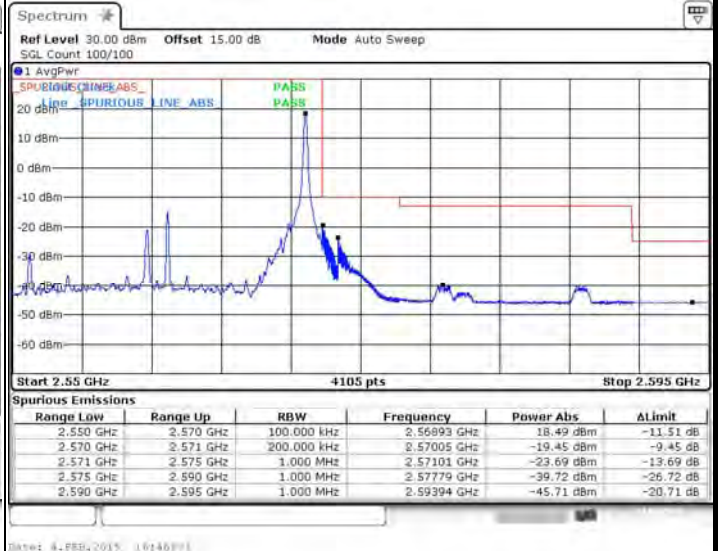


## LTE Band 7 / 20MHz / QPSK

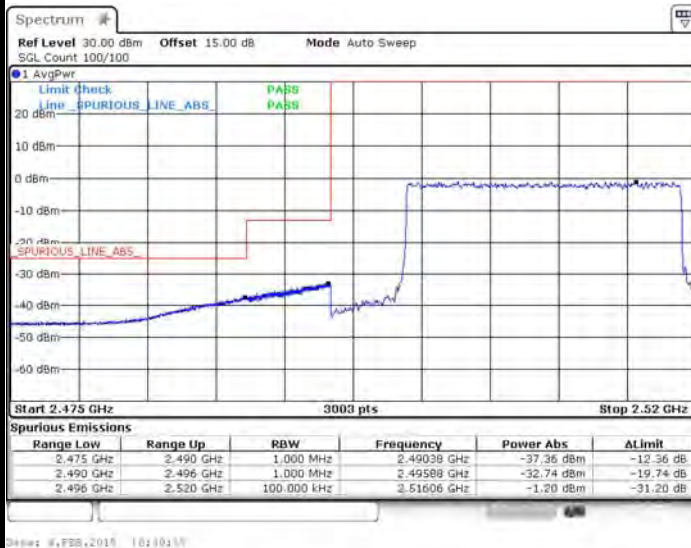
## Lowest Band Edge / 1 RB



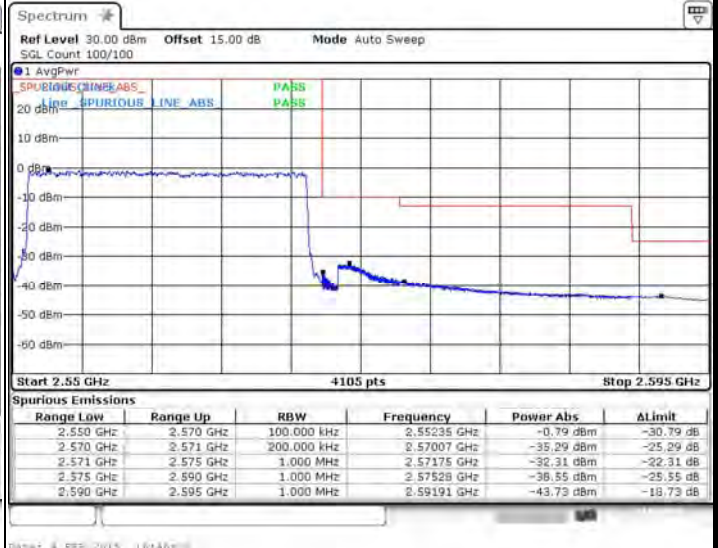
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



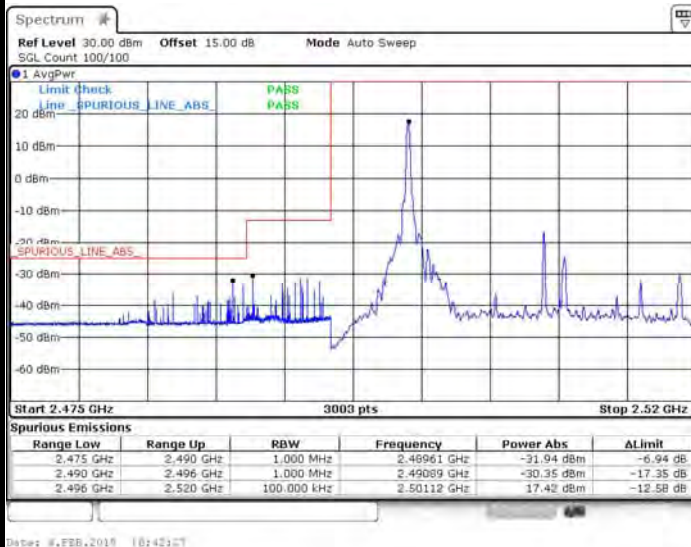
## Highest Band Edge / Full RB



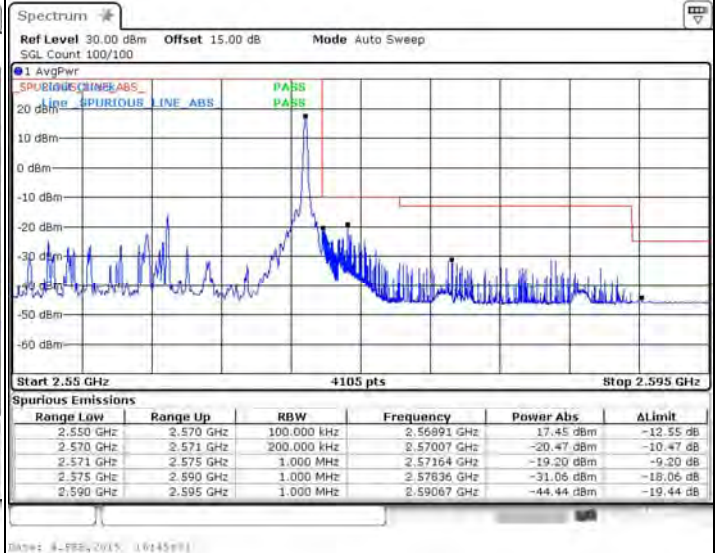


## LTE Band 7 / 20MHz / 16QAM

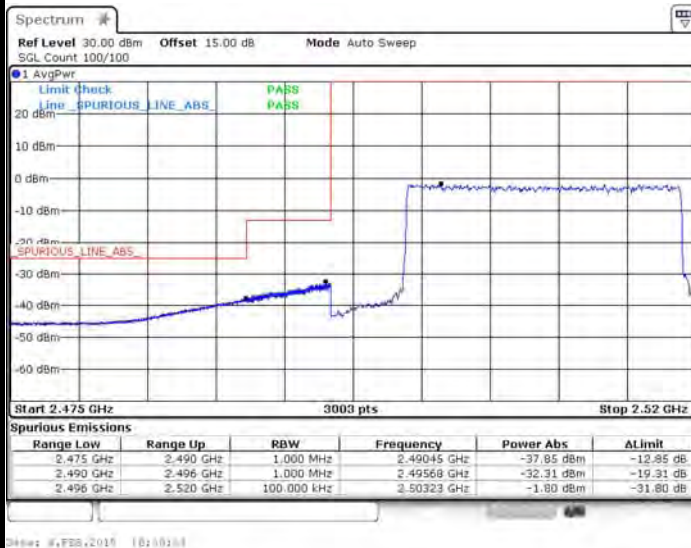
## Lowest Band Edge / 1 RB



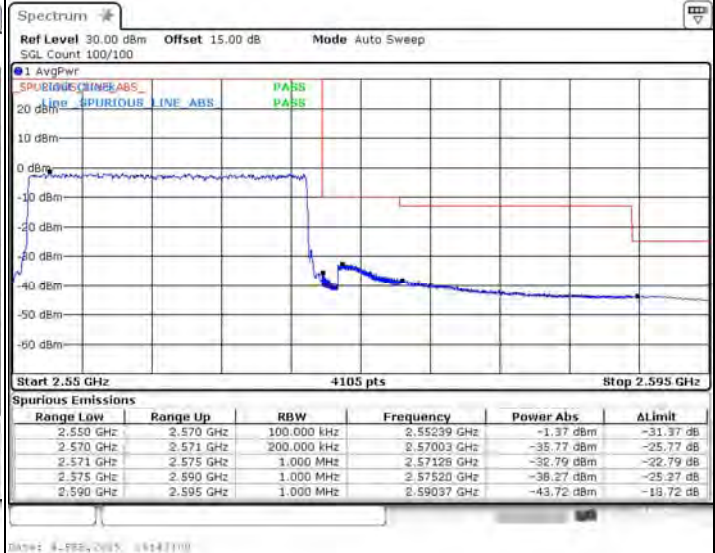
## Highest Band Edge / 1RB



## Lowest Band Edge / Full RB



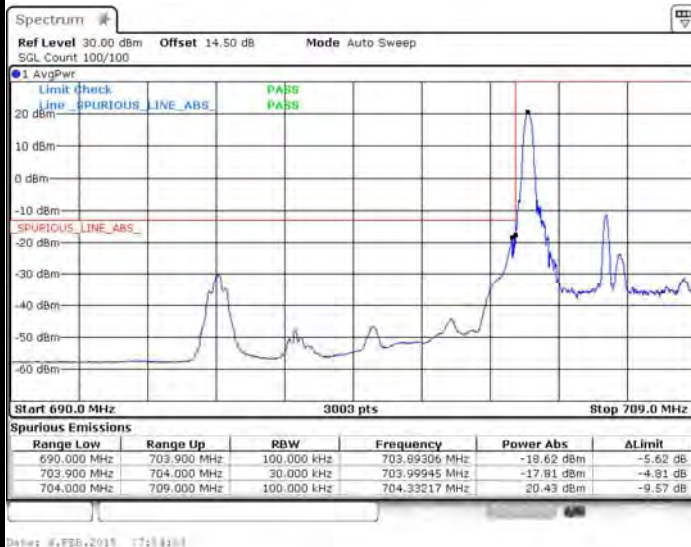
## Highest Band Edge / Full RB



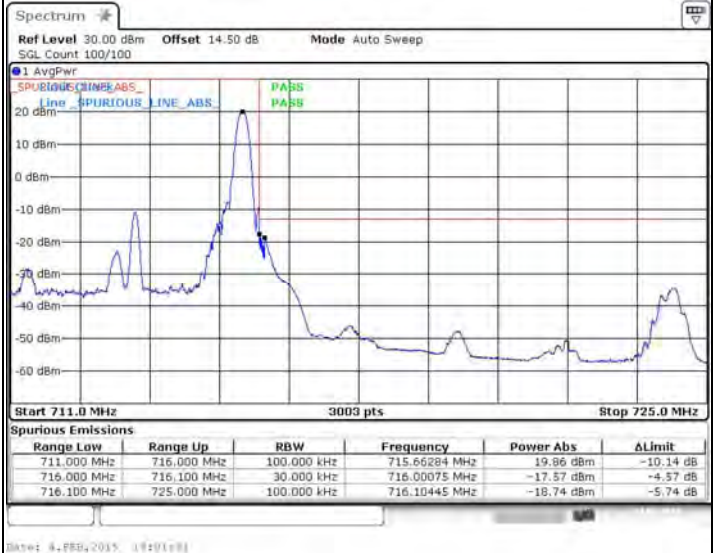


## LTE Band 17 / 5MHz / QPSK

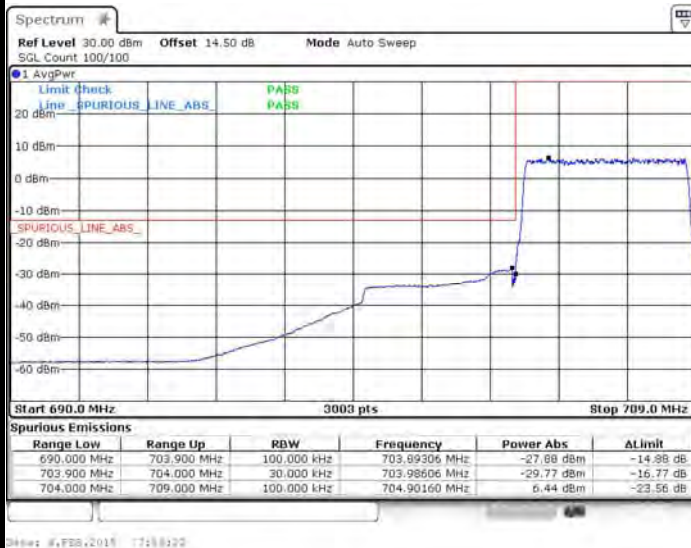
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



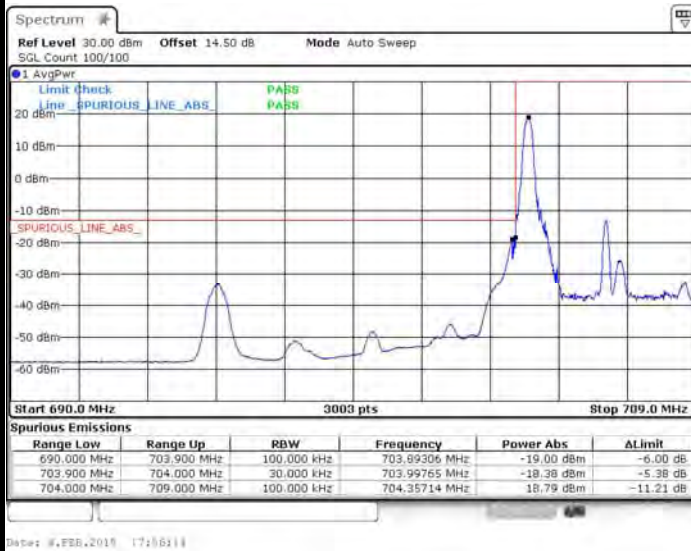
## Highest Band Edge / Full RB





## LTE Band 17 / 5MHz / 16QAM

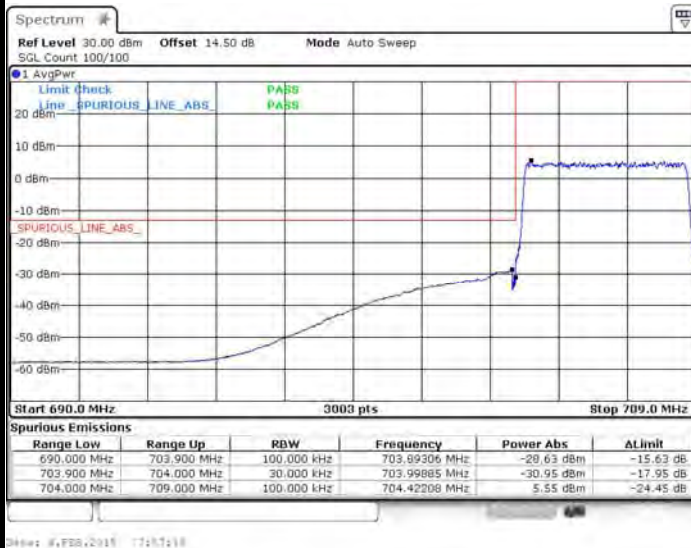
## Lowest Band Edge / 1 RB



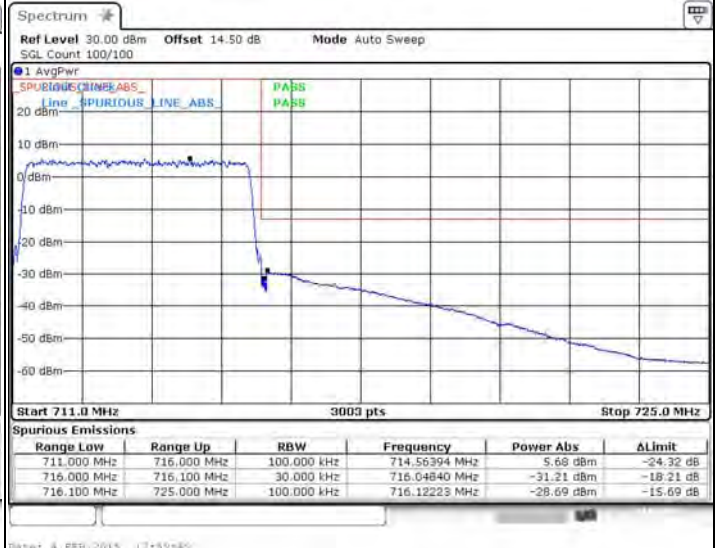
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



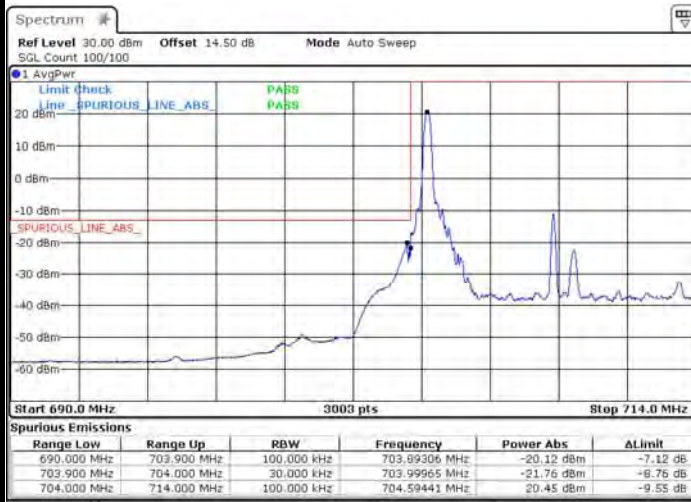
## Highest Band Edge / Full RB





## LTE Band 17 / 10MHz / QPSK

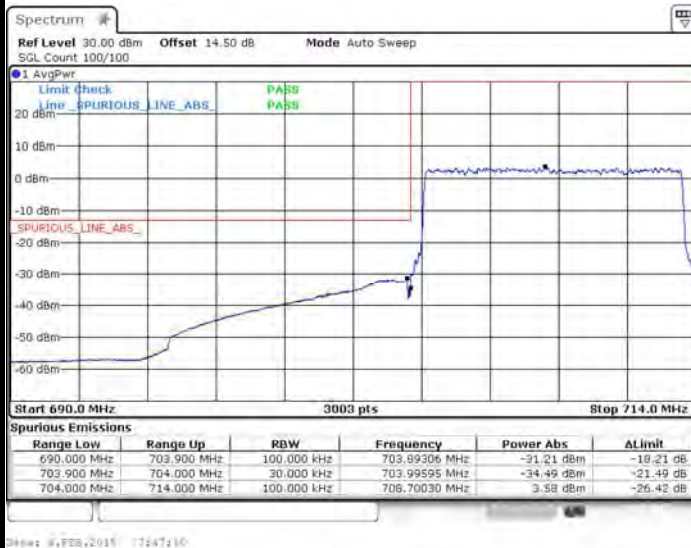
## Lowest Band Edge / 1 RB



## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



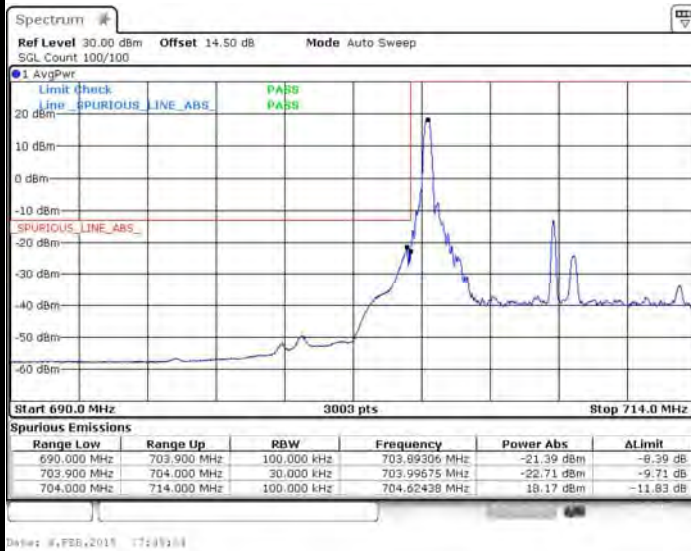
## Highest Band Edge / Full RB



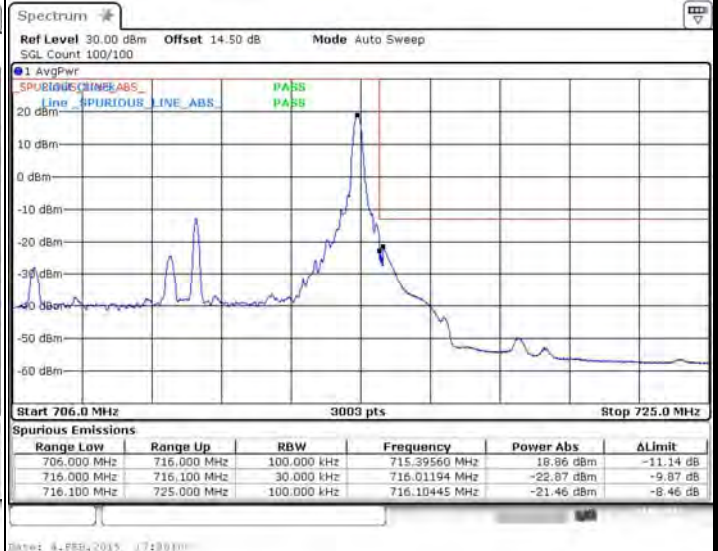


## LTE Band 17 / 10MHz / 16QAM

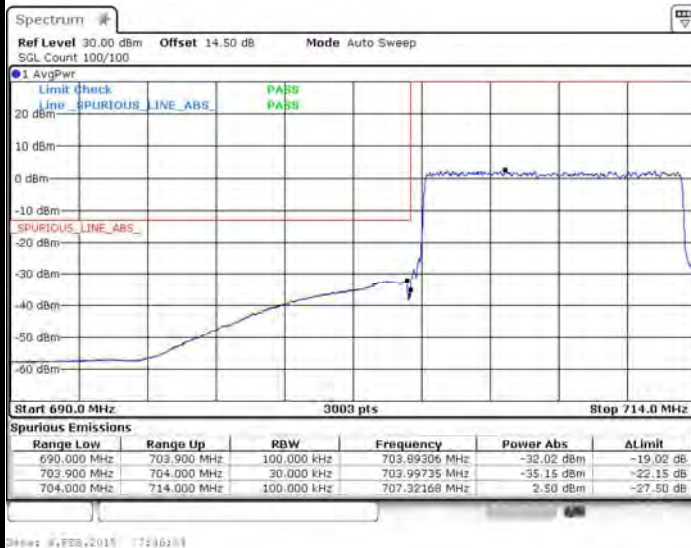
## Lowest Band Edge / 1 RB



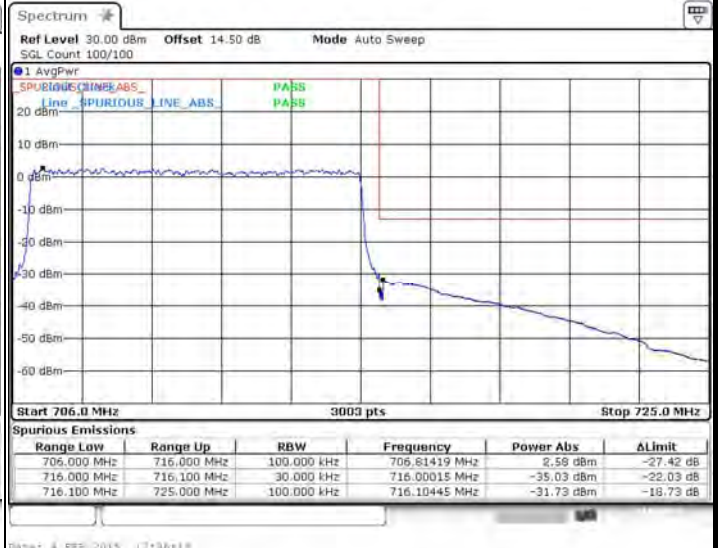
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

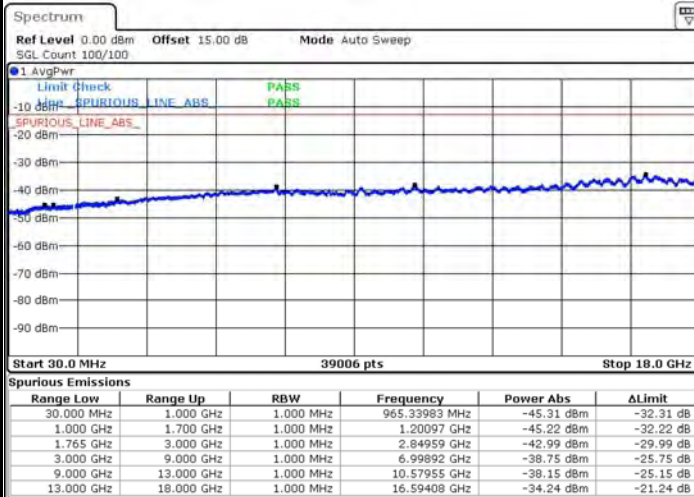




## Conducted Spurious Emission

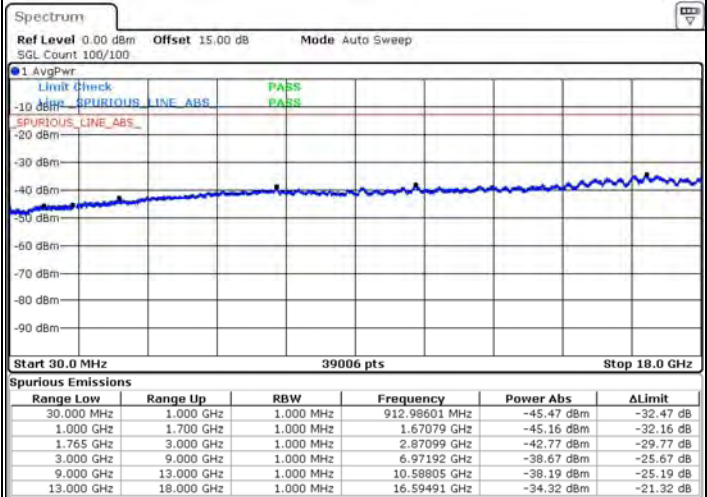
### LTE Band 4 / 1.4MHz

#### Lowest Channel / QPSK



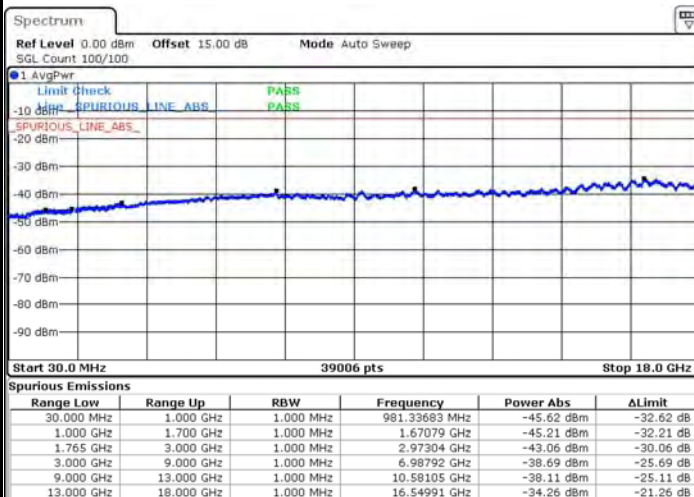
Date: 26.FEB.2015 16:44:06

#### Lowest Channel / 16QAM



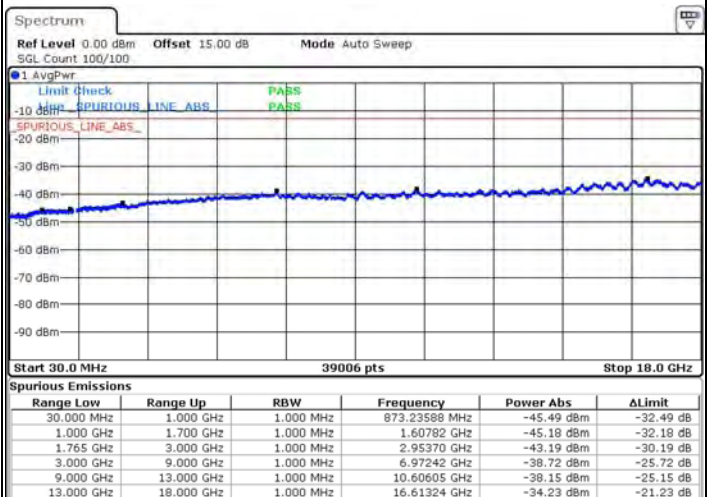
Date: 26.FEB.2015 16:45:34

#### Middle Channel / QPSK



Date: 26.FEB.2015 16:48:39

#### Middle Channel / 16QAM

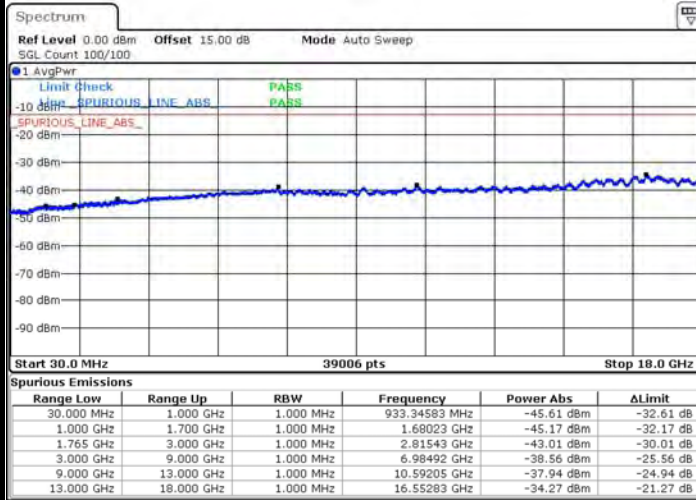


Date: 26.FEB.2015 16:47:21



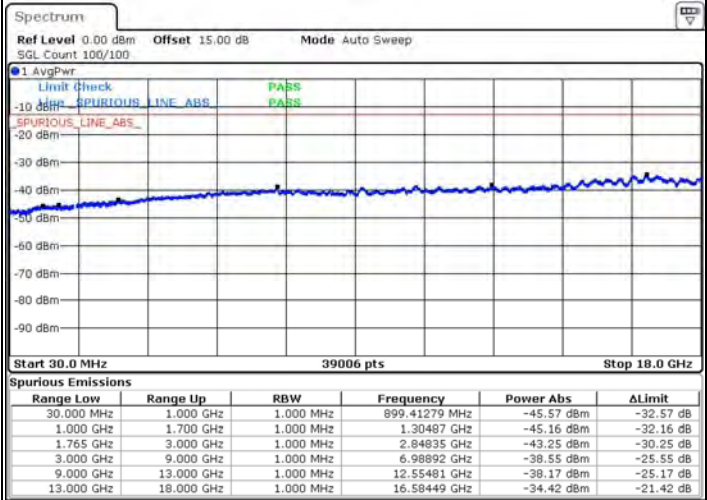
## LTE Band 4 / 1.4MHz

## Highest Channel / QPSK



Date: 26.FEB.2015 16:50:14

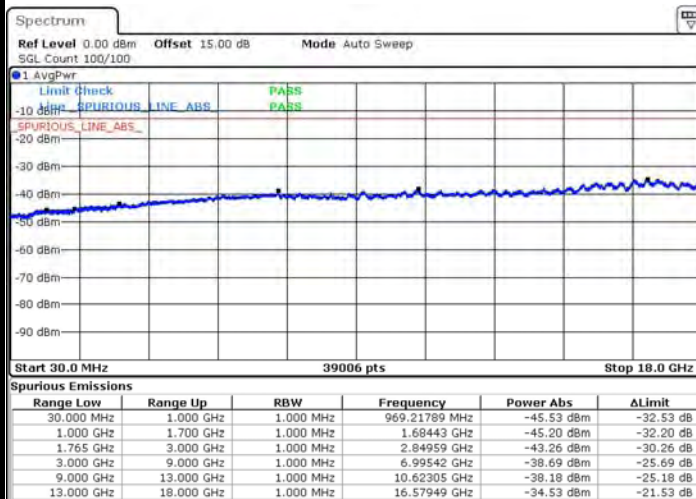
## Highest Channel / 16QAM



Date: 26.FEB.2015 16:52:40

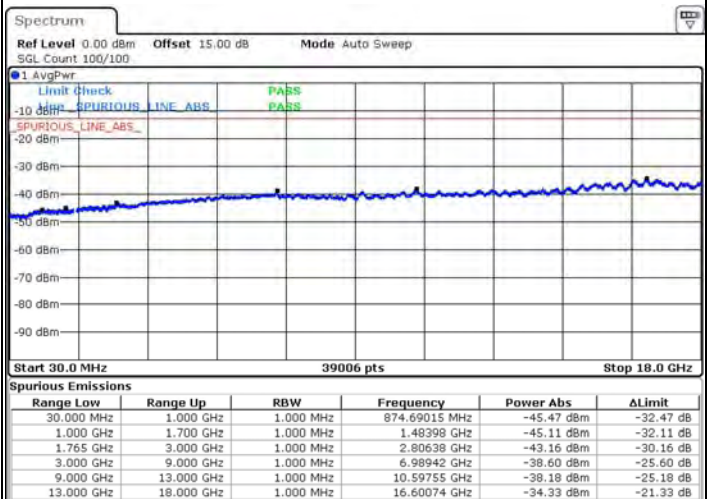
## LTE Band 4 / 3MHz

## Lowest Channel / QPSK



Date: 26.FEB.2015 15:18:53

## Lowest Channel / 16QAM

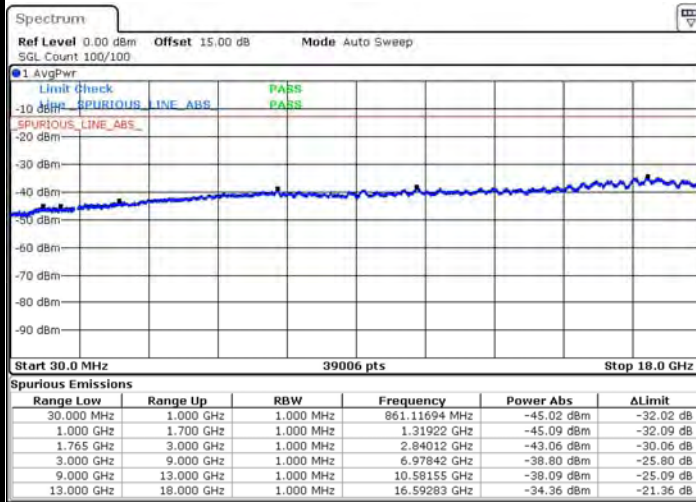


Date: 26.FEB.2015 15:21:01



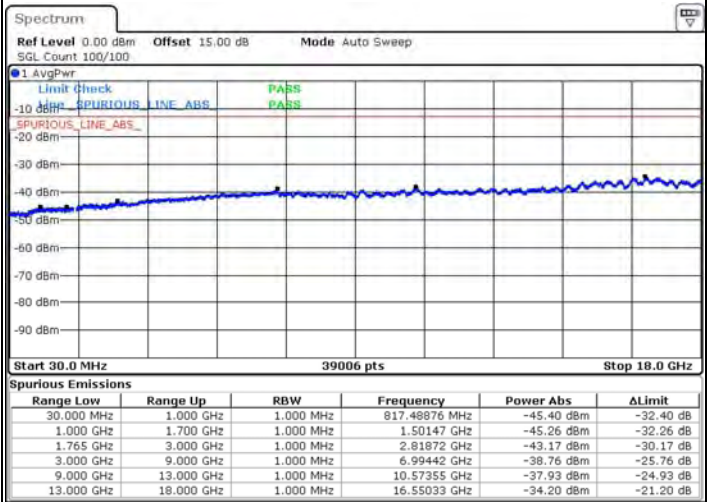
## LTE Band 4 / 3MHz

## Middle Channel / QPSK



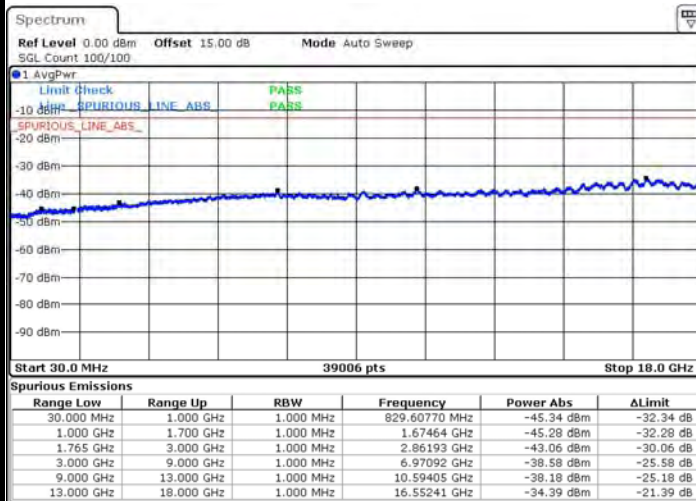
Date: 26.FEB.2015 15:39:49

## Middle Channel / 16QAM



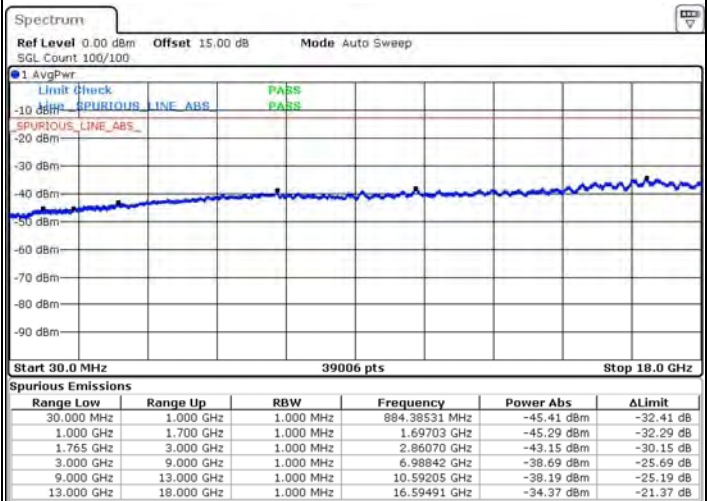
Date: 26.FEB.2015 15:43:35

## Highest Channel / QPSK



Date: 26.FEB.2015 16:18:14

## Highest Channel / 16QAM

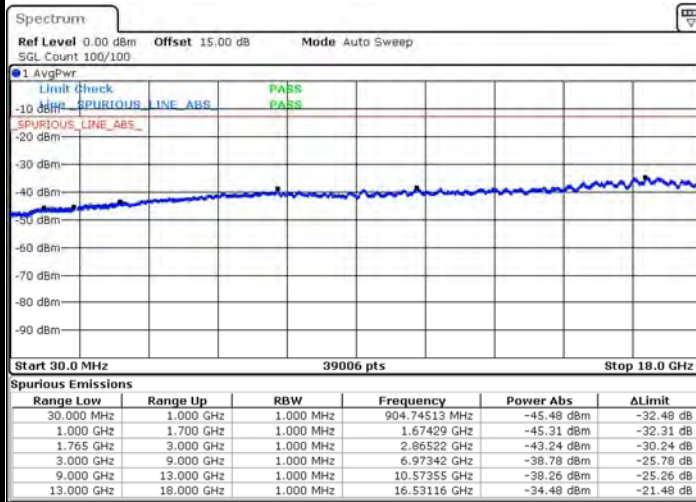


Date: 26.FEB.2015 16:20:55



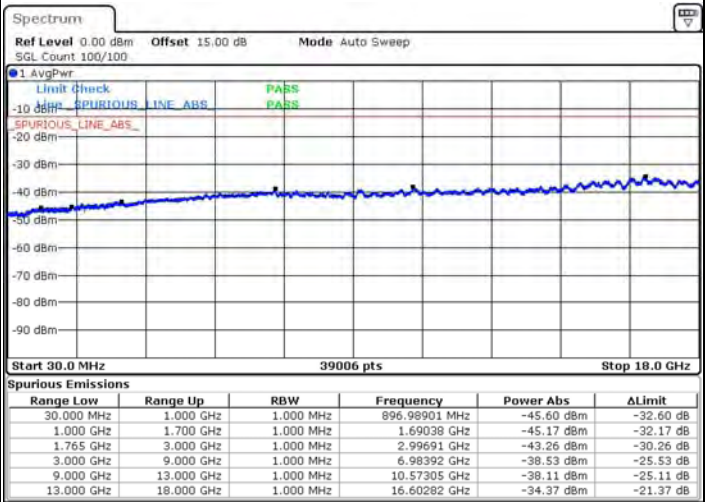
## LTE Band 4 / 5MHz

## Lowest Channel / QPSK



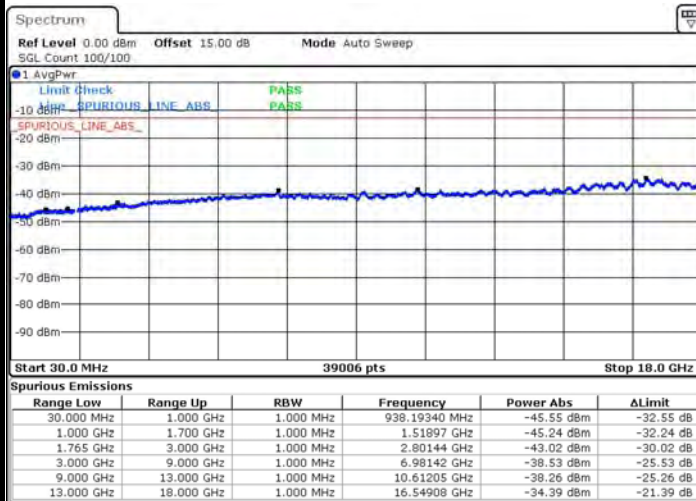
Date: 10.FEB.2015 15:55:35

## Lowest Channel / 16QAM



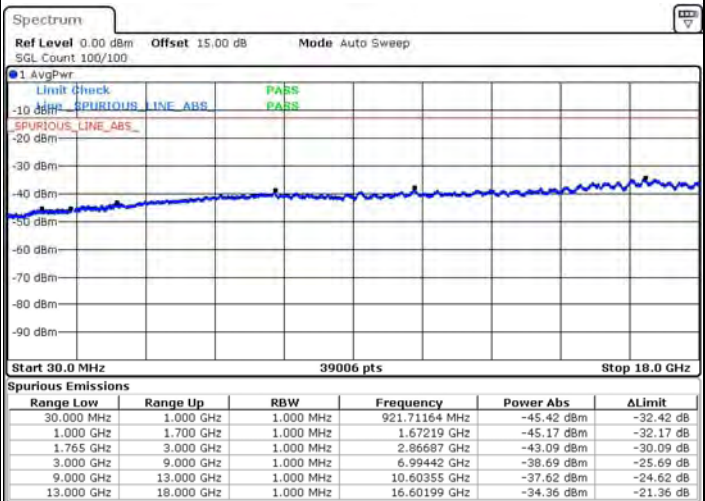
Date: 10.FEB.2015 15:56:56

## Middle Channel / QPSK



Date: 10.FEB.2015 15:59:02

## Middle Channel / 16QAM

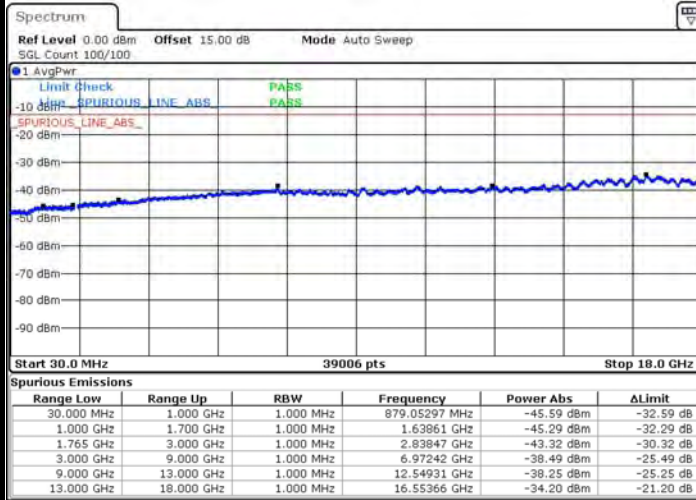


Date: 10.FEB.2015 16:00:23



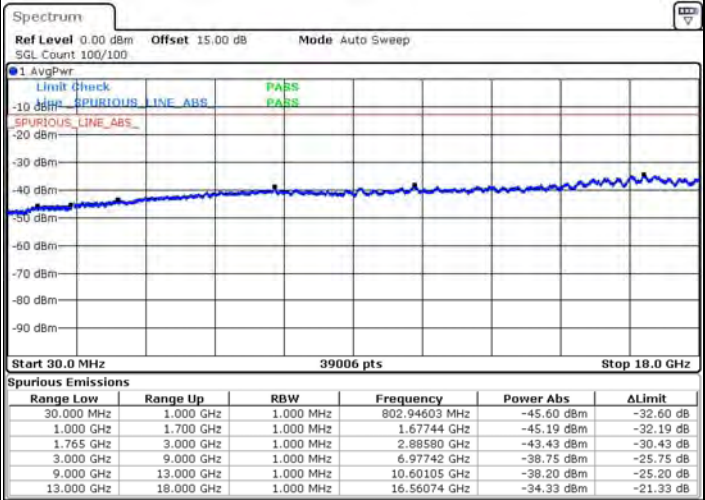
## LTE Band 4 / 5MHz

## Highest Channel / QPSK



Date: 10.FEB.2015 16:02:30

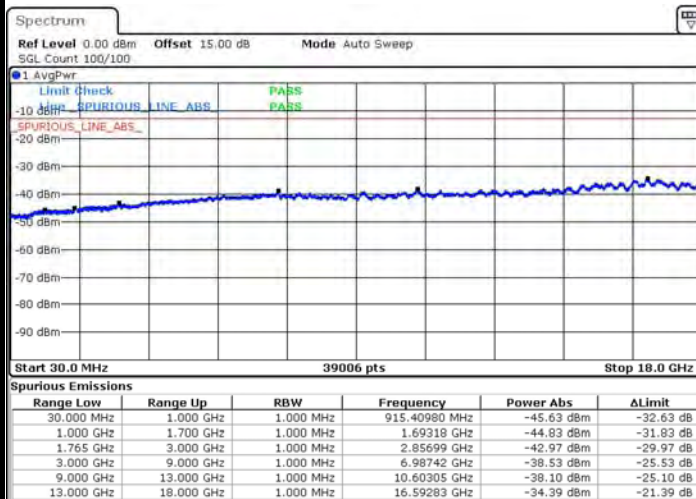
## Highest Channel / 16QAM



Date: 10.FEB.2015 16:03:51

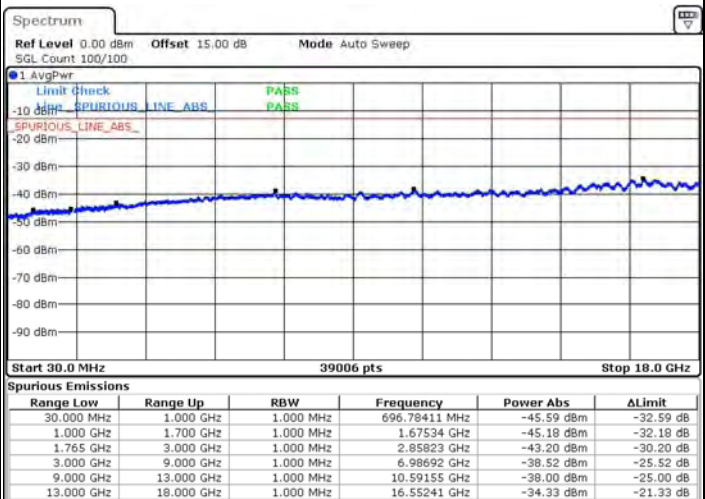
## LTE Band 4 / 10MHz

## Lowest Channel / QPSK



Date: 10.FEB.2015 14:45:27

## Lowest Channel / 16QAM

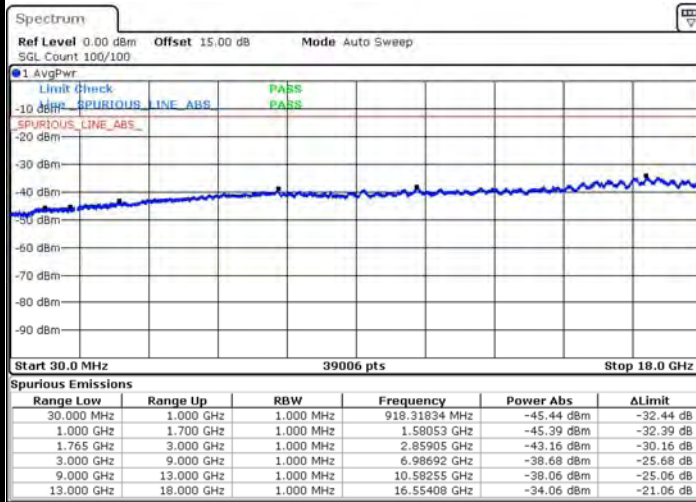


Date: 10.FEB.2015 14:46:48



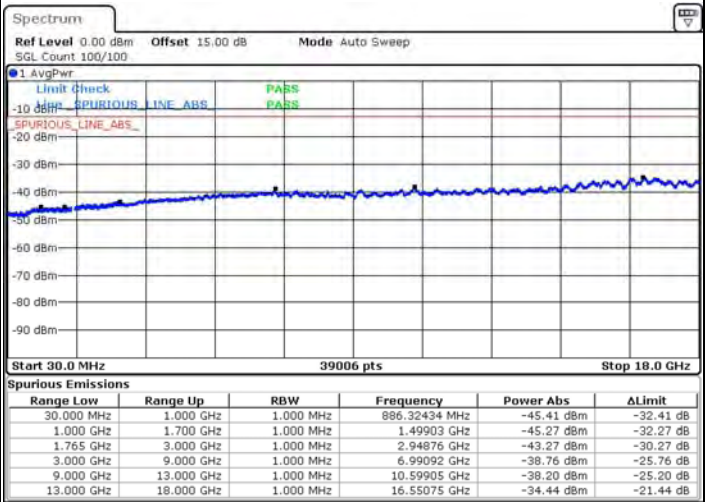
## LTE Band 4 / 10MHz

## Middle Channel / QPSK



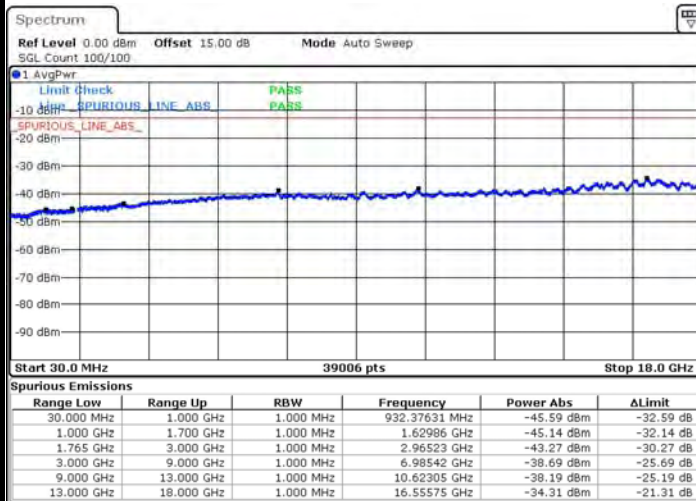
Date: 10.FEB.2015 14:48:54

## Middle Channel / 16QAM



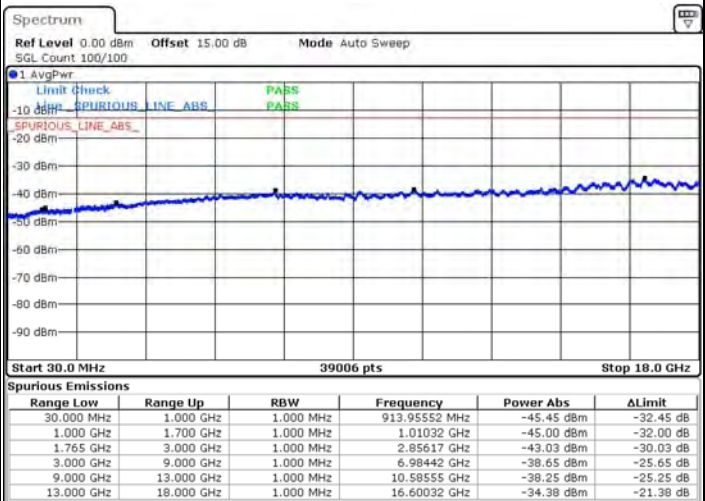
Date: 10.FEB.2015 14:50:15

## Highest Channel / QPSK



Date: 10.FEB.2015 14:52:21

## Highest Channel / 16QAM

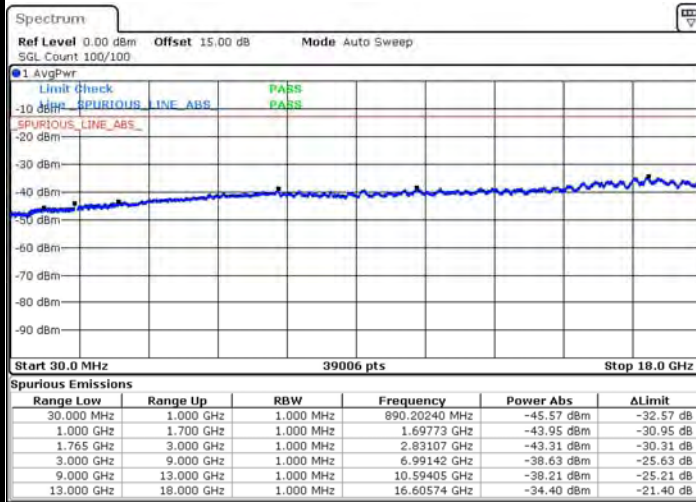


Date: 10.FEB.2015 14:53:42



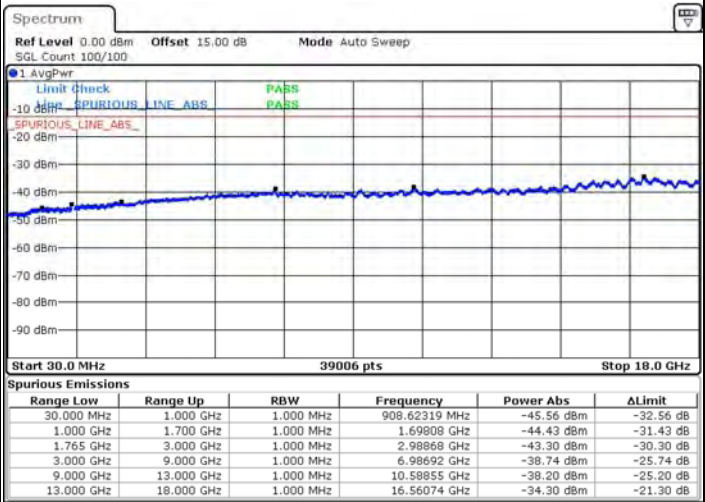
## LTE Band 4 / 15MHz

## Lowest Channel / QPSK



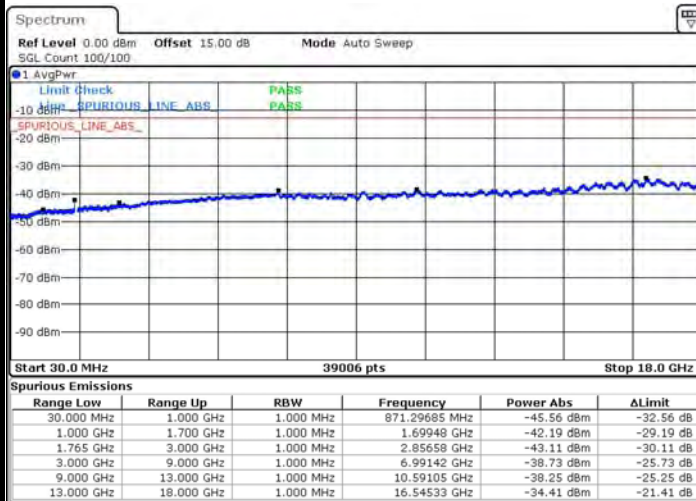
Date: 10.FEB.2015 16:21:10

## Lowest Channel / 16QAM



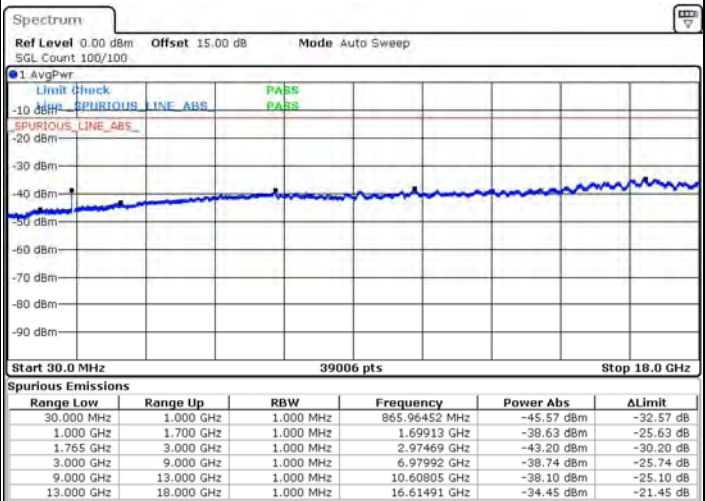
Date: 10.FEB.2015 16:22:31

## Middle Channel / QPSK



Date: 10.FEB.2015 16:24:37

## Middle Channel / 16QAM

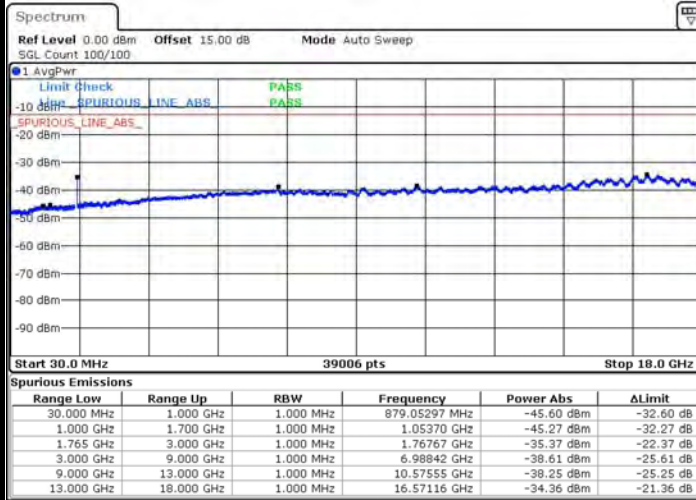


Date: 10.FEB.2015 16:25:59



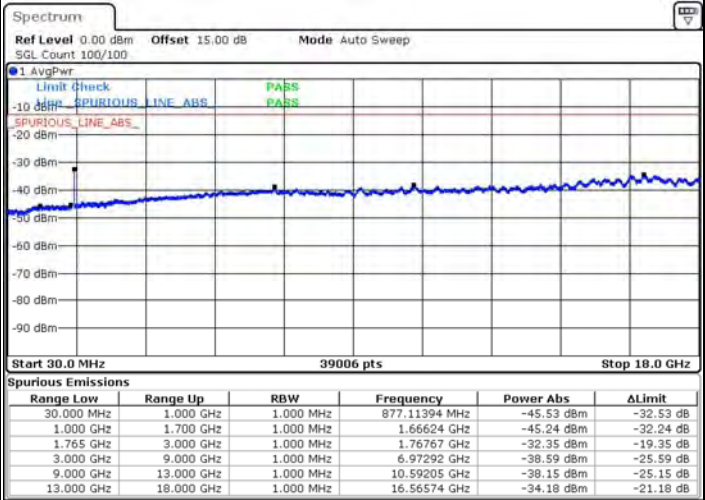
## LTE Band 4 / 15MHz

## Highest Channel / QPSK



Date: 10.FEB.2015 16:28:05

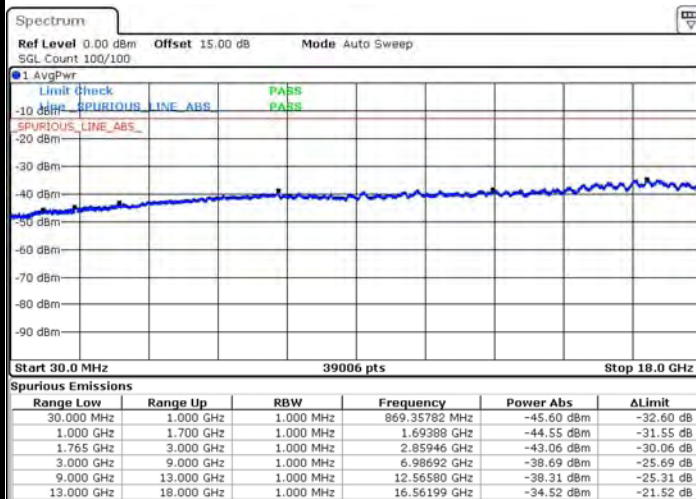
## Highest Channel / 16QAM



Date: 10.FEB.2015 16:29:26

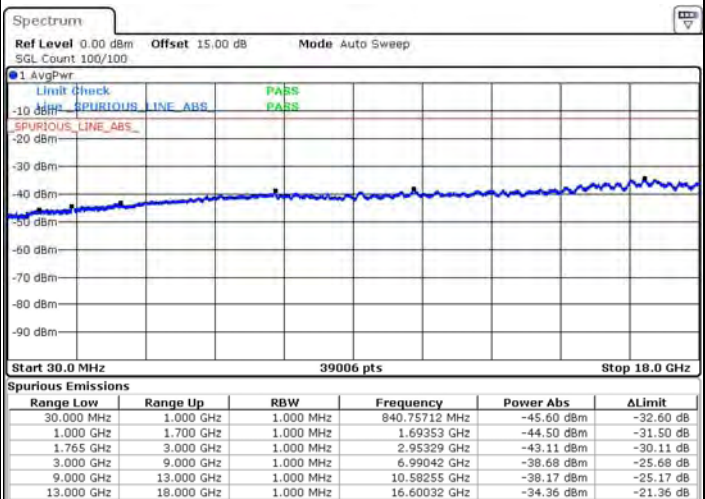
## LTE Band 4 / 20MHz

## Lowest Channel / QPSK



Date: 10.FEB.2015 16:53:21

## Lowest Channel / 16QAM

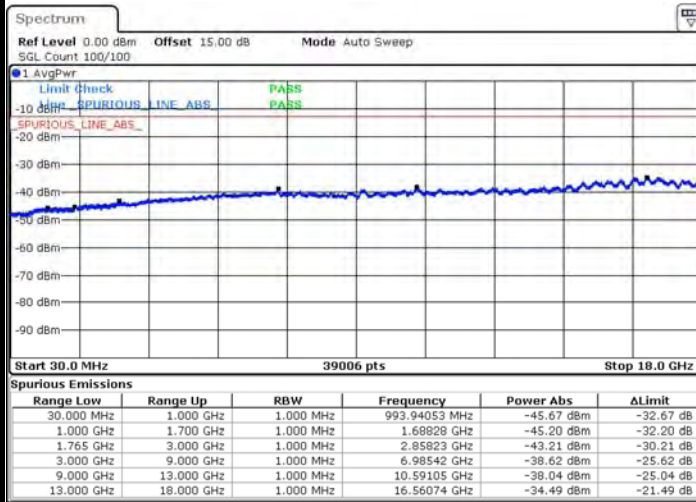


Date: 10.FEB.2015 16:54:43



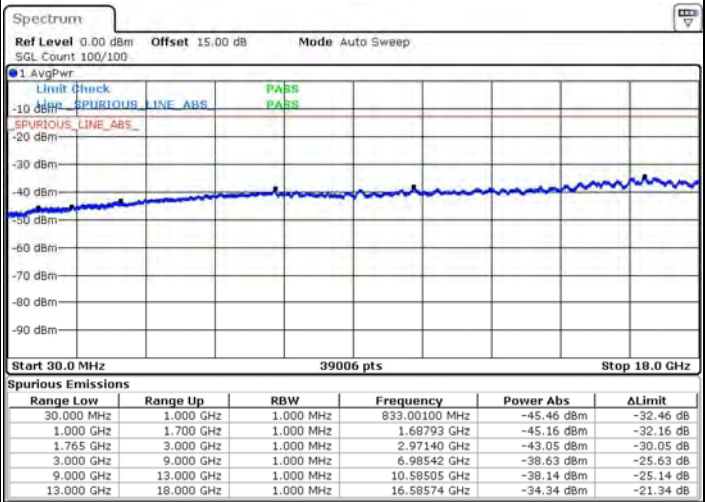
## LTE Band 4 / 20MHz

## Middle Channel / QPSK



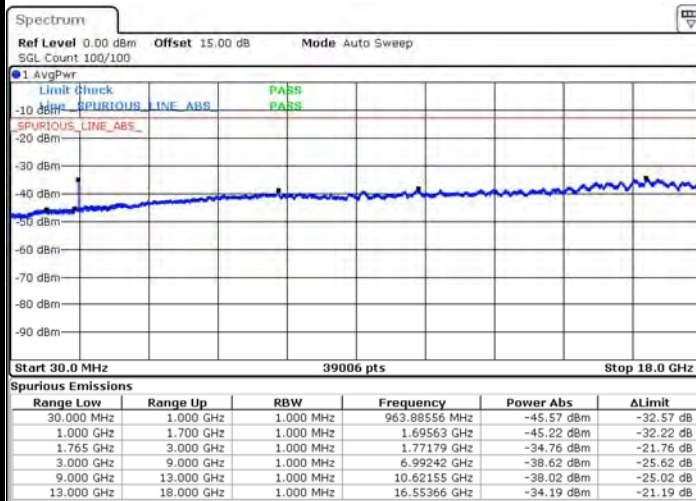
Date: 10.FEB.2015 16:56:49

## Middle Channel / 16QAM



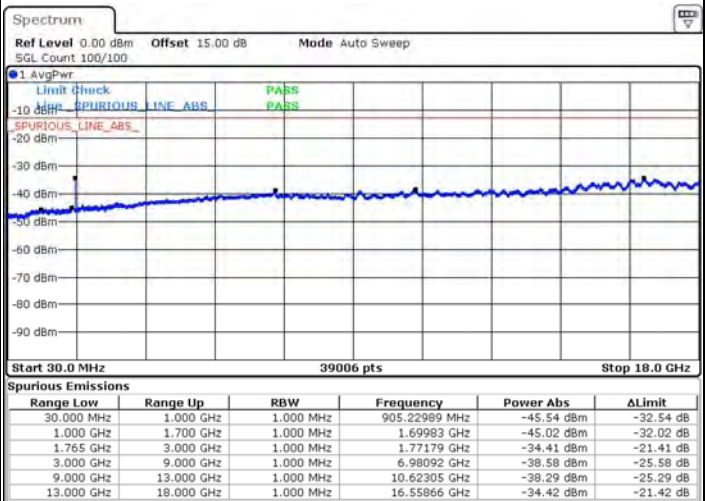
Date: 10.FEB.2015 16:58:10

## Highest Channel / QPSK



Date: 10.FEB.2015 17:00:15

## Highest Channel / 16QAM

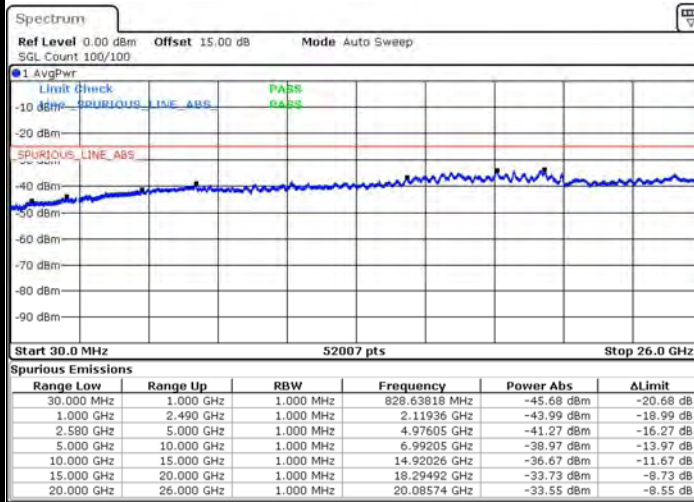


Date: 10.FEB.2015 17:01:36



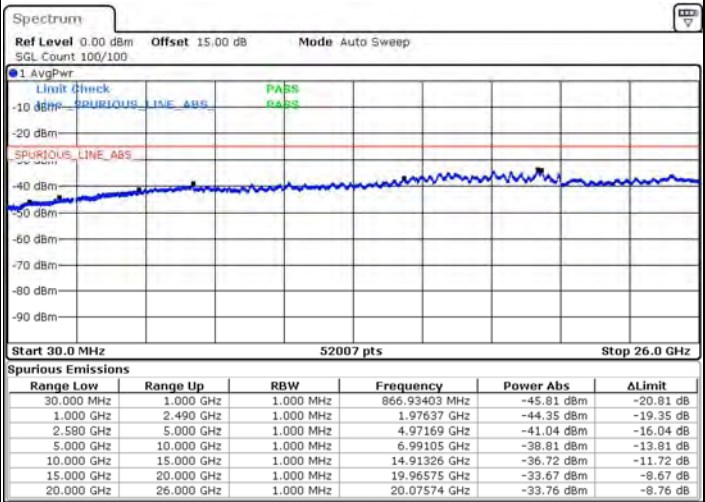
## LTE Band 7 / 5MHz

## Lowest Channel / QPSK



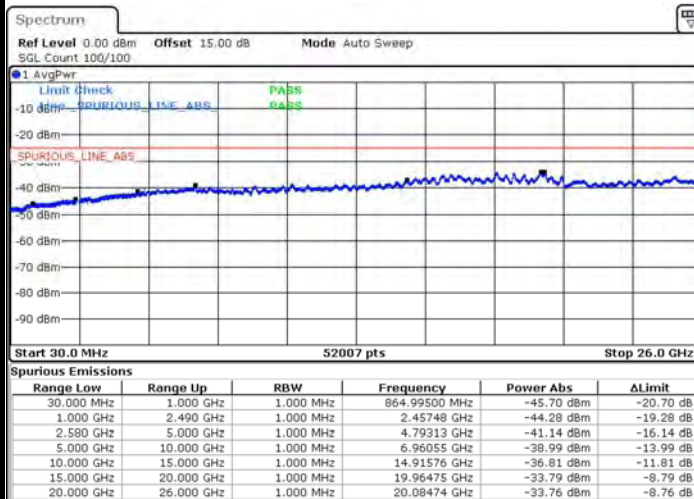
Date: 4.FEB.2015 15:16:56

## Lowest Channel / 16QAM



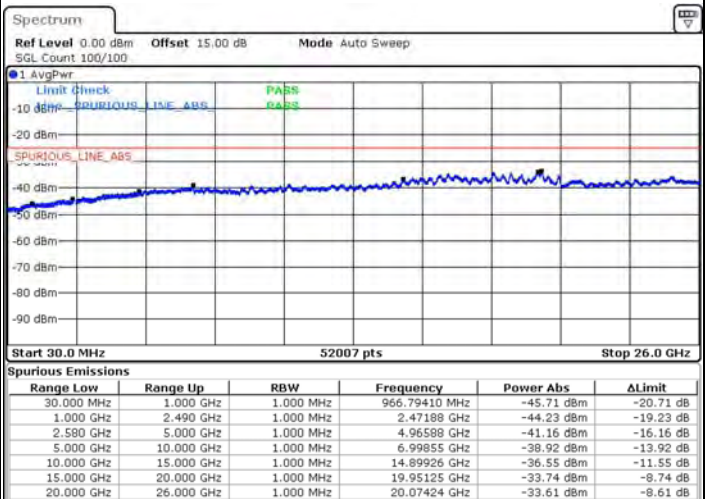
Date: 4.FEB.2015 15:18:17

## Middle Channel / QPSK



Date: 4.FEB.2015 15:20:22

## Middle Channel / 16QAM

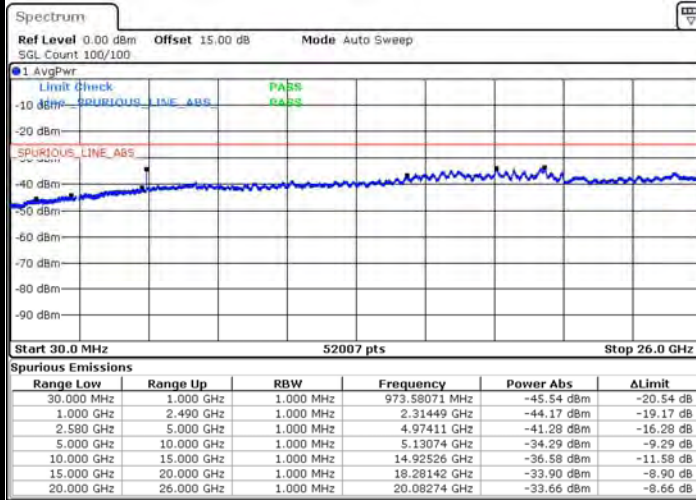


Date: 4.FEB.2015 15:21:43



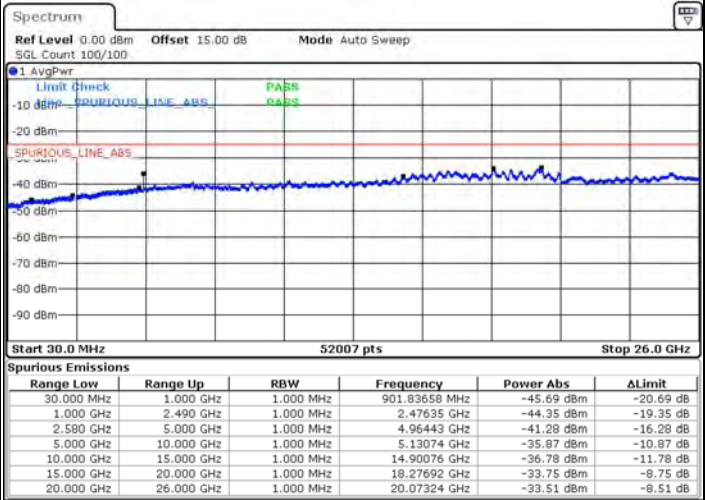
## LTE Band 7 / 5MHz

## Highest Channel / QPSK



Date: 4.FEB.2015 15:23:49

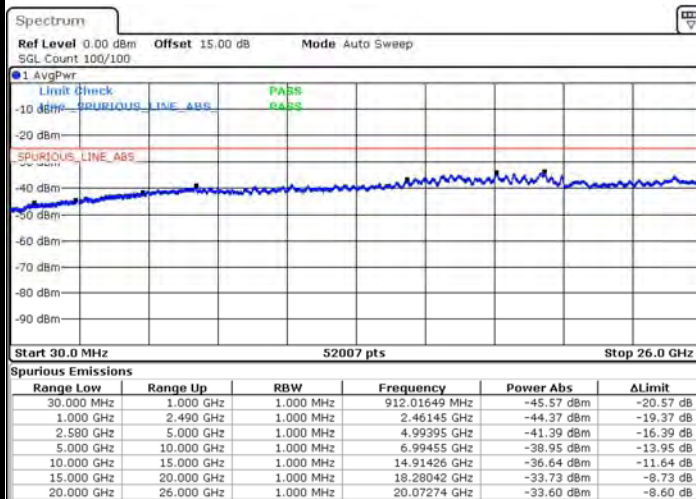
## Highest Channel / 16QAM



Date: 4.FEB.2015 15:25:10

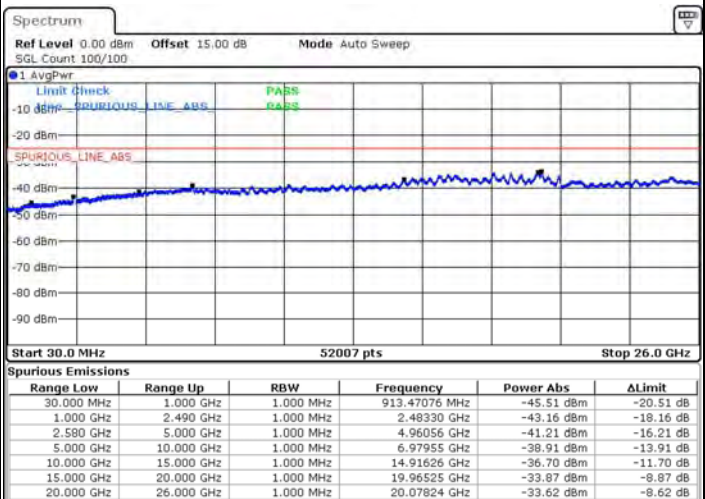
## LTE Band 7 / 10MHz

## Lowest Channel / QPSK



Date: 4.FEB.2015 15:28:15

## Lowest Channel / 16QAM

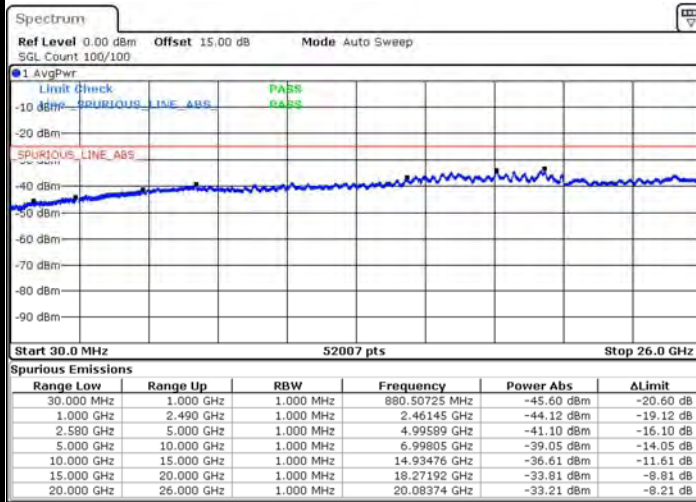


Date: 4.FEB.2015 15:29:37



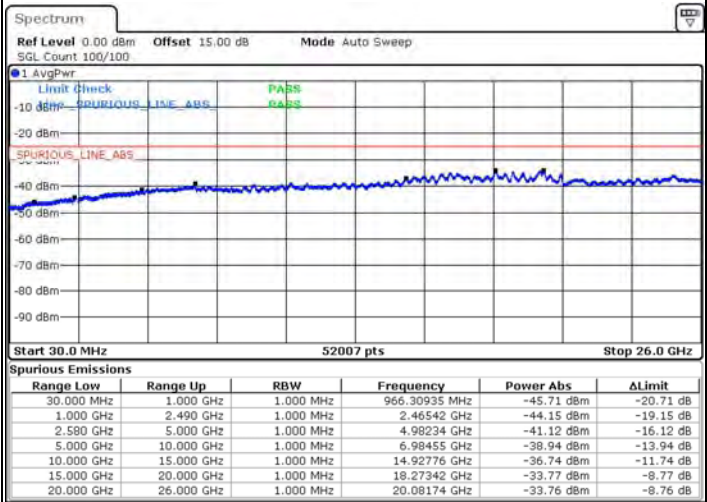
## LTE Band 7 / 10MHz

## Middle Channel / QPSK



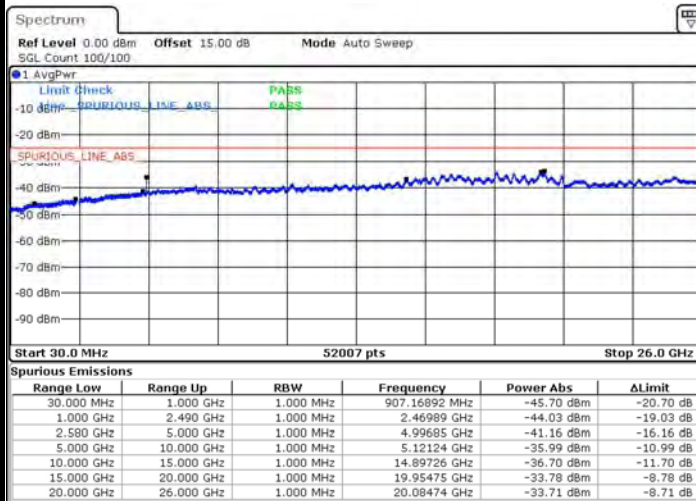
Date: 4.FEB.2015 15:31:42

## Middle Channel / 16QAM



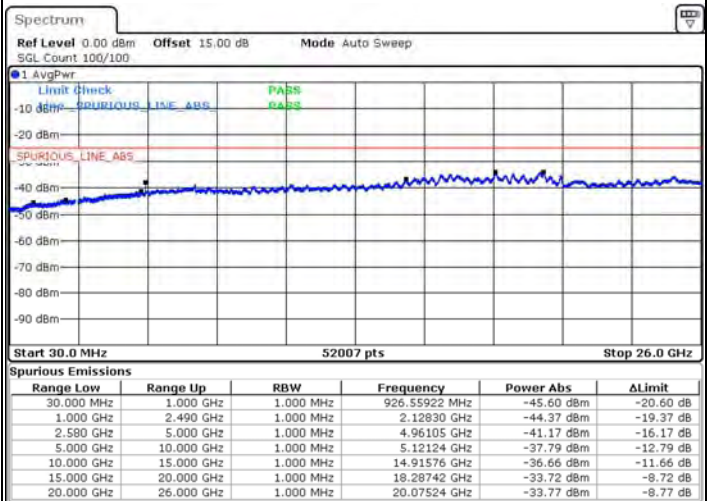
Date: 4.FEB.2015 15:33:03

## Highest Channel / QPSK



Date: 4.FEB.2015 15:35:09

## Highest Channel / 16QAM

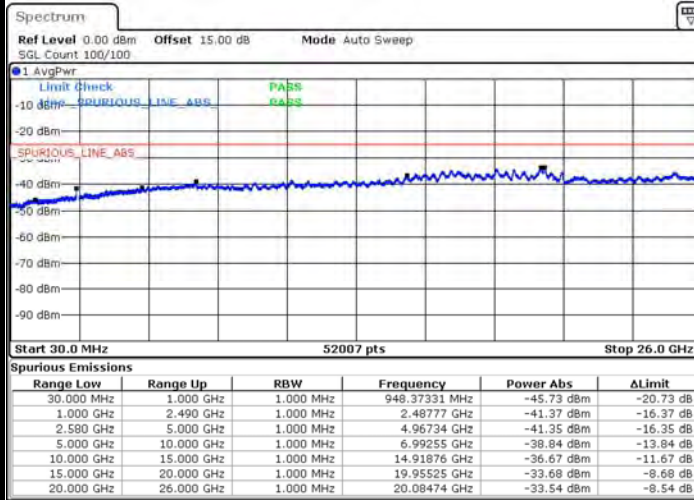


Date: 4.FEB.2015 15:36:30



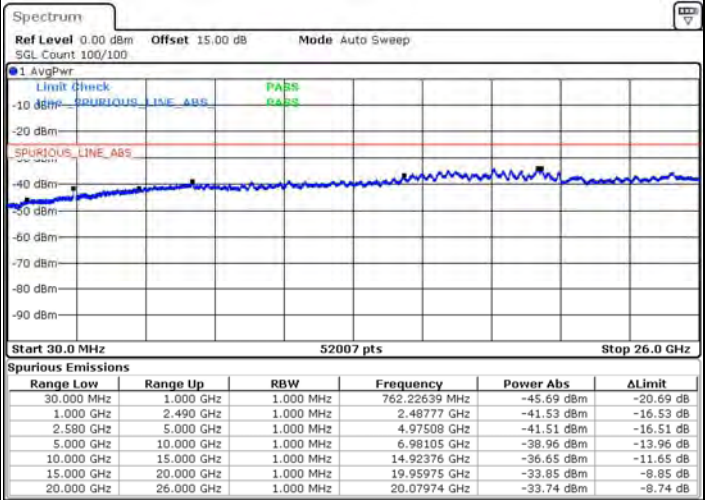
## LTE Band 7 / 15MHz

## Lowest Channel / QPSK



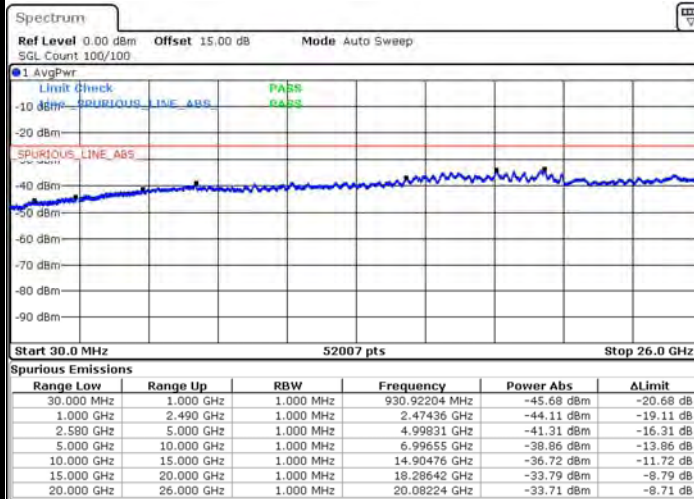
Date: 4.FEB.2015 15:39:21

## Lowest Channel / 16QAM



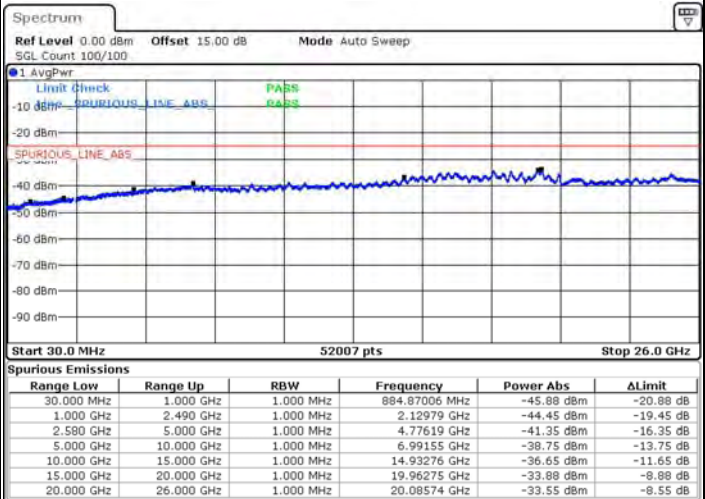
Date: 4.FEB.2015 15:40:43

## Middle Channel / QPSK



Date: 4.FEB.2015 15:42:48

## Middle Channel / 16QAM

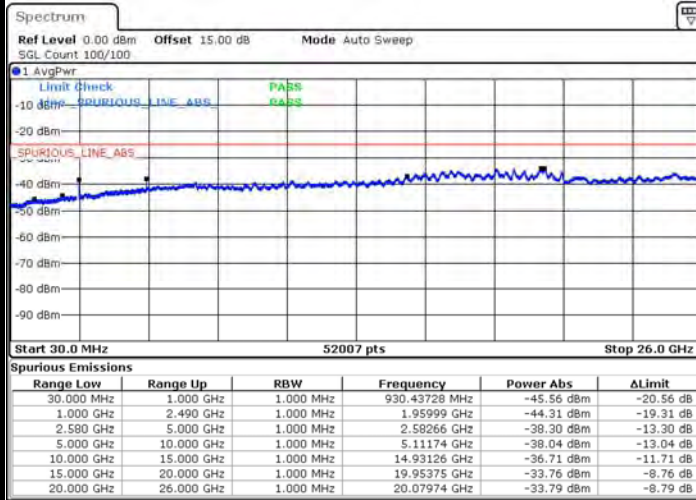


Date: 4.FEB.2015 15:44:09



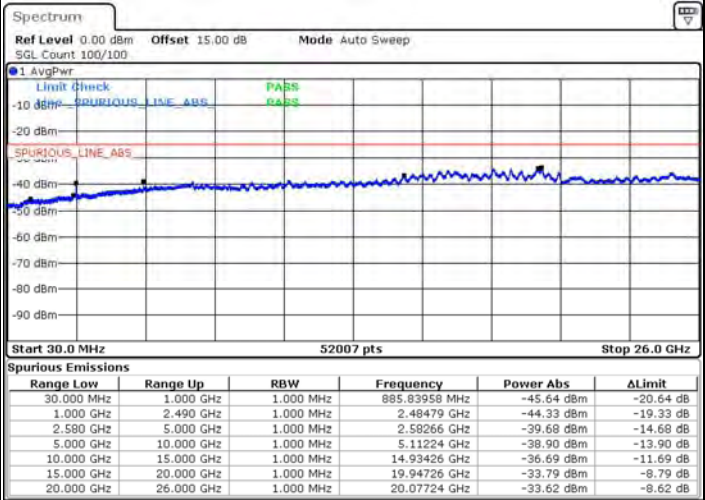
## LTE Band 7 / 15MHz

## Highest Channel / QPSK



Date: 4.FEB.2015 15:46:15

## Highest Channel / 16QAM



Date: 4.FEB.2015 15:47:36

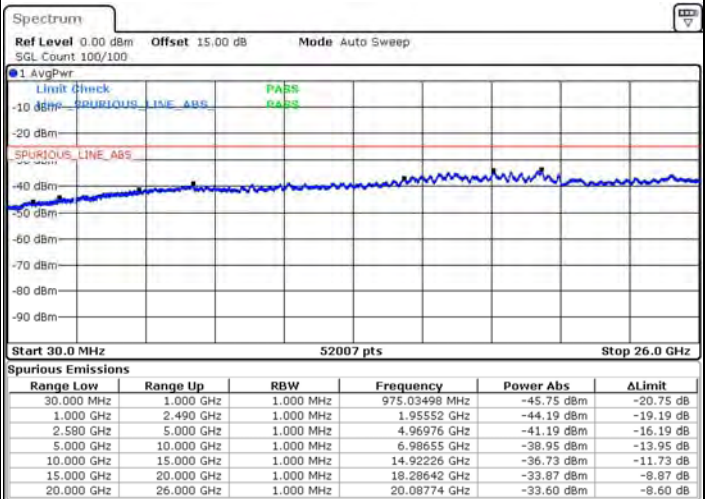
## LTE Band 7 / 20MHz

## Lowest Channel / QPSK



Date: 4.FEB.2015 15:50:15

## Lowest Channel / 16QAM

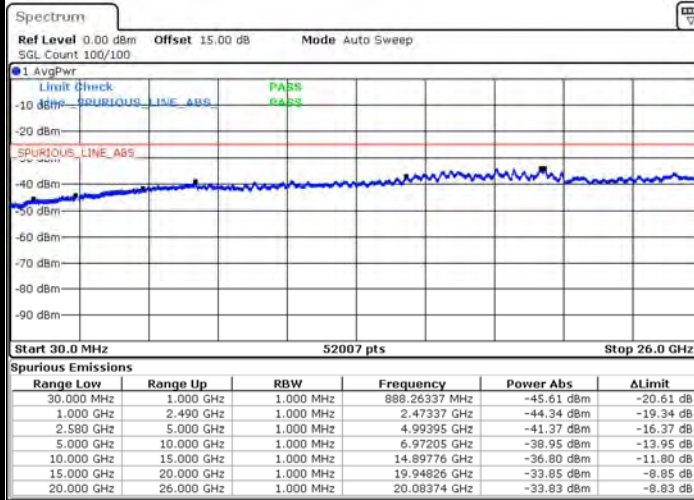


Date: 4.FEB.2015 15:51:36



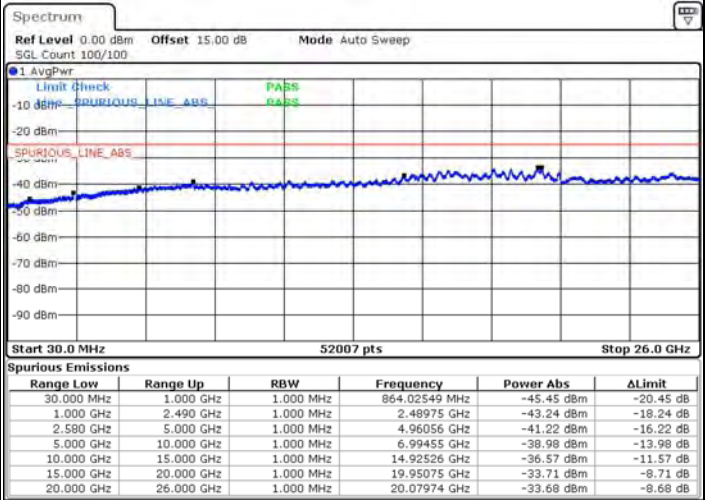
## LTE Band 7 / 20MHz

## Middle Channel / QPSK



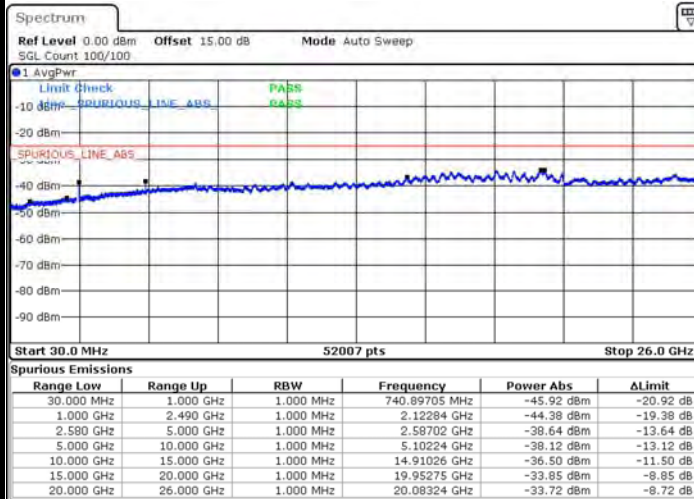
Date: 4.FEB.2015 15:53:41

## Middle Channel / 16QAM



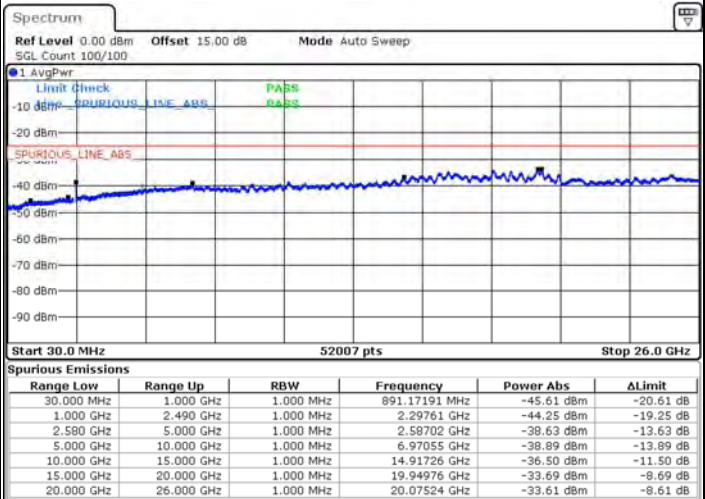
Date: 4.FEB.2015 15:55:02

## Highest Channel / QPSK



Date: 4.FEB.2015 15:57:08

## Highest Channel / 16QAM

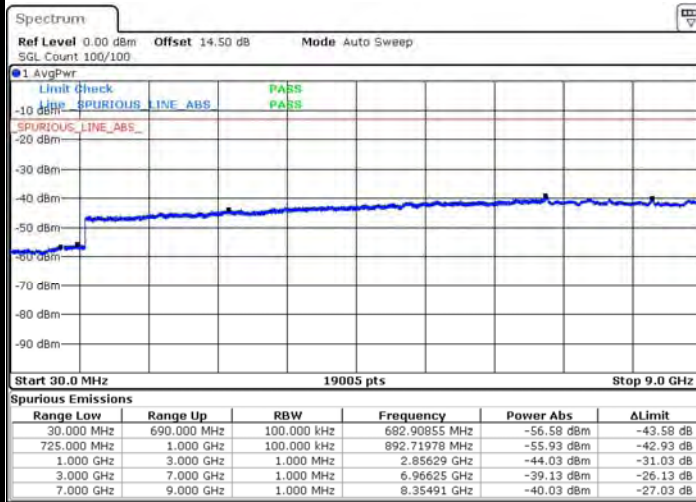


Date: 4.FEB.2015 15:58:29



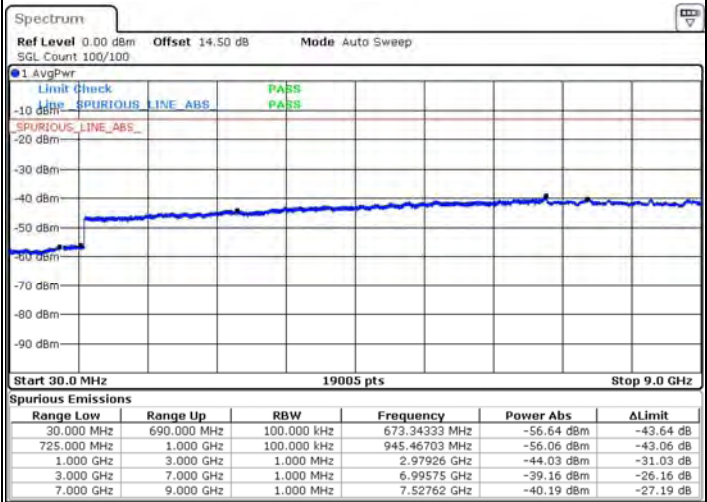
## LTE Band 17 / 5MHz

## Lowest Channel / QPSK



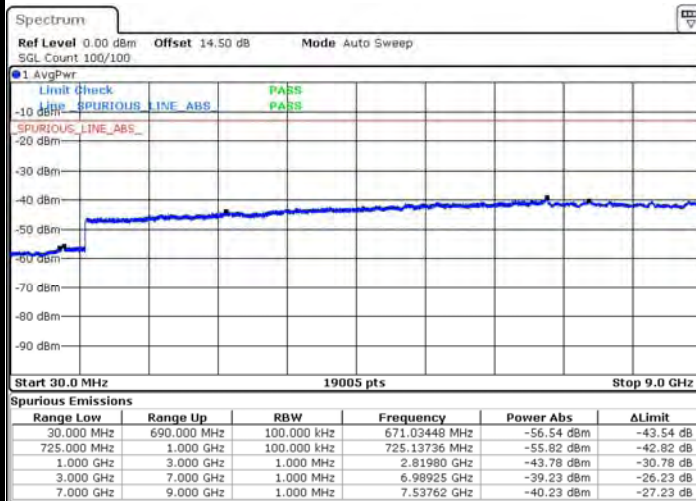
Date: 4.FEB.2015 17:04:18

## Lowest Channel / 16QAM



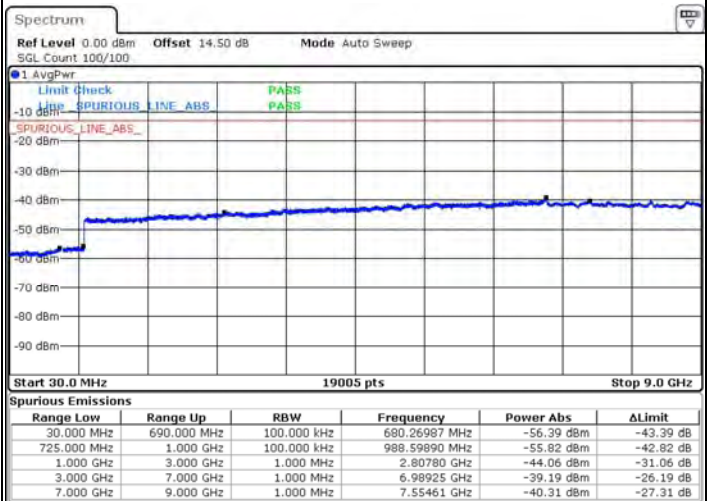
Date: 4.FEB.2015 17:05:39

## Middle Channel / QPSK



Date: 4.FEB.2015 17:07:45

## Middle Channel / 16QAM

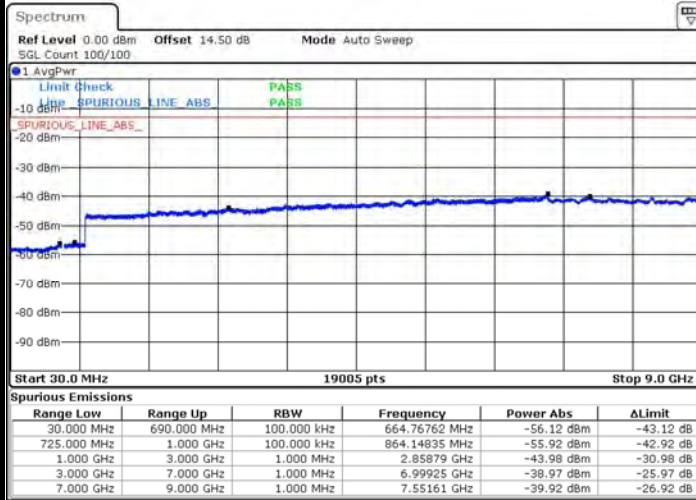


Date: 4.FEB.2015 17:09:06



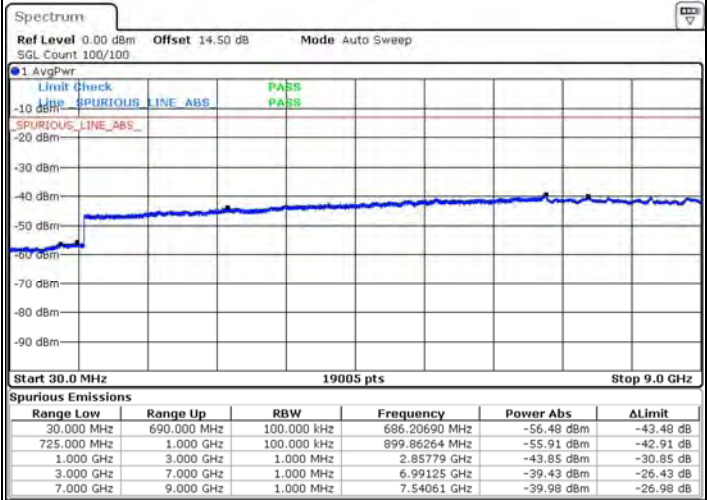
## LTE Band 17 / 5MHz

## Highest Channel / QPSK



Date: 4.FEB.2015 17:11:11

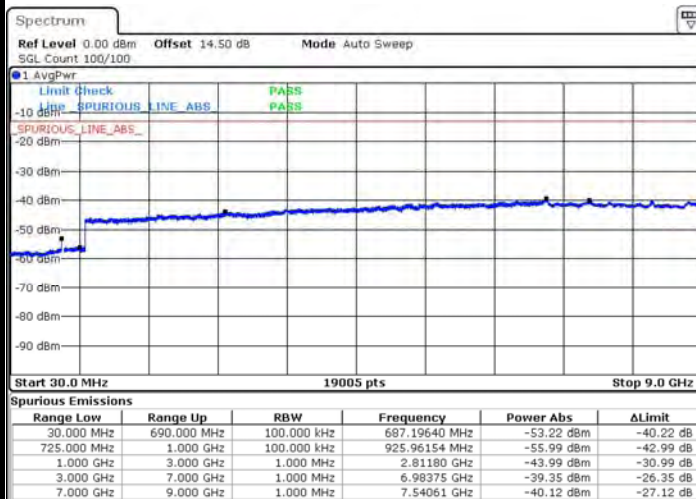
## Highest Channel / 16QAM



Date: 4.FEB.2015 17:12:32

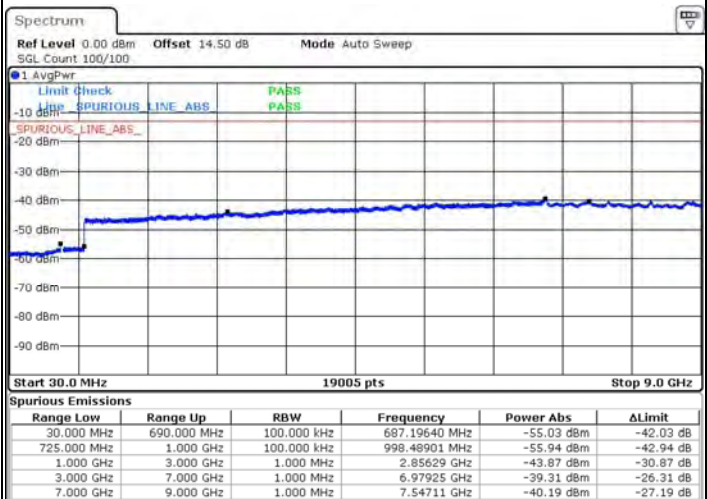
## LTE Band 17 / 10MHz

## Lowest Channel / QPSK



Date: 4.FEB.2015 17:17:35

## Lowest Channel / 16QAM

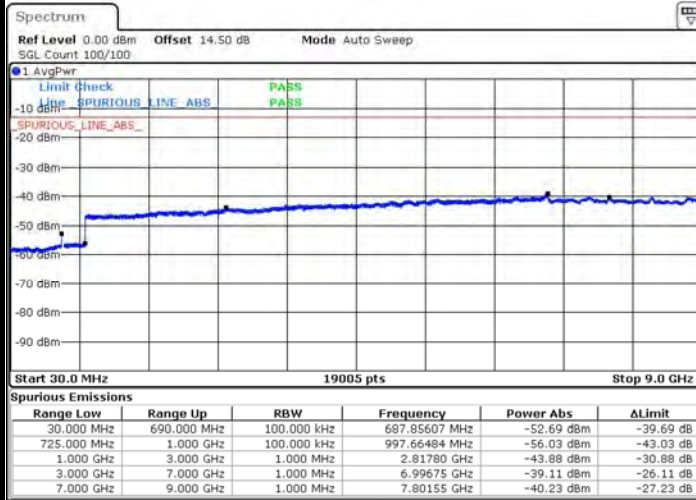


Date: 4.FEB.2015 17:18:56



## LTE Band 17 / 10MHz

## Middle Channel / QPSK



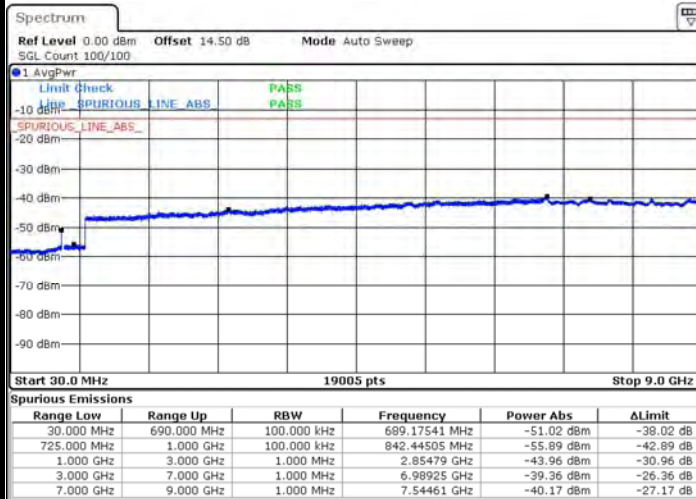
Date: 4.FEB.2015 17:21:01

## Middle Channel / 16QAM



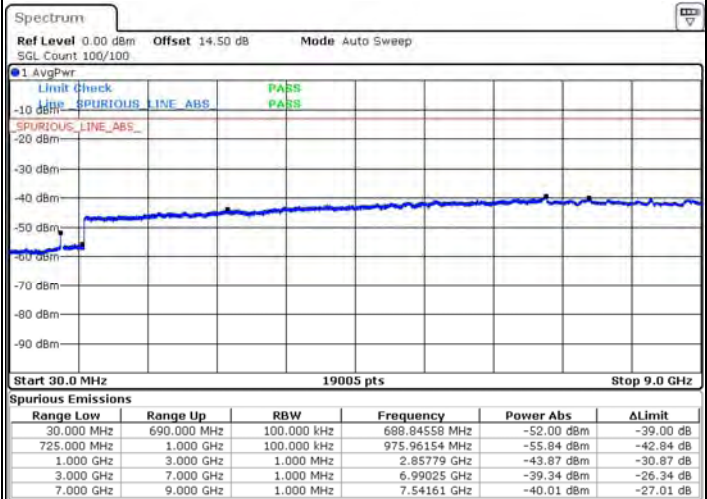
Date: 4.FEB.2015 17:22:23

## Highest Channel / QPSK



Date: 4.FEB.2015 17:24:28

## Highest Channel / 16QAM



Date: 4.FEB.2015 17:25:49

**Frequency Stability**

| Test Conditions  |                   | LTE Band 4 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0006                             | PASS    |
| 40               | Normal Voltage    | 0.0002                             |         |
| 30               | Normal Voltage    | 0.0005                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0003                             |         |
| 0                | Normal Voltage    | 0.0001                             |         |
| -10              | Normal Voltage    | 0.0007                             |         |
| -20              | Normal Voltage    | 0.0003                             |         |
| -30              | Normal Voltage    | 0.0004                             |         |
| 20               | Maximum Voltage   | 0.0004                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0001                             |         |

**Note:**

1. Normal Voltage = 3.7V ; Battery End Point (BEP) = 3.5 V ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0000                             | PASS    |
| 40               | Normal Voltage    | 0.0004                             |         |
| 30               | Normal Voltage    | 0.0004                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0004                             |         |
| 0                | Normal Voltage    | 0.0007                             |         |
| -10              | Normal Voltage    | 0.0004                             |         |
| -20              | Normal Voltage    | 0.0115                             |         |
| -30              | Normal Voltage    | 0.0124                             |         |
| 20               | Maximum Voltage   | 0.0002                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0001                             |         |

**Note:**

1. Normal Voltage = 3.7V ; Battery End Point (BEP) = 3.5 V ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.



| Test Conditions  |                   | LTE Band 17 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0001                              | PASS    |
| 40               | Normal Voltage    | 0.0003                              |         |
| 30               | Normal Voltage    | 0.0015                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0004                              |         |
| 0                | Normal Voltage    | 0.0001                              |         |
| -10              | Normal Voltage    | 0.0004                              |         |
| -20              | Normal Voltage    | 0.0007                              |         |
| -30              | Normal Voltage    | 0.0023                              |         |
| 20               | Maximum Voltage   | 0.0007                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0003                              |         |

**Note:**

1. Normal Voltage = 3.7V ; Battery End Point (BEP) = 3.5 V ; Maximum Voltage =4.2 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block based on the frequency deviation measured is small.

## Appendix B. Test Results of Radiated Test

### ERP/EIRP

| LTE Band 4 / 1.4MHz |            |      |        |            |         |           |         |
|---------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel             | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                     |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest              | QPSK       | 1    | 2      | 22.06      | 0.1607  | 19.61     | 0.0914  |
| Middle              |            | 1    | 5      | 22.00      | 0.1585  | 19.78     | 0.0951  |
| Highest             |            | 1    | 2      | 21.83      | 0.1524  | 20.49     | 0.1119  |
| Lowest              | 16QAM      | 1    | 0      | 20.76      | 0.1191  | 18.23     | 0.0665  |
| Middle              |            | 1    | 5      | 20.58      | 0.1143  | 18.67     | 0.0736  |
| Highest             |            | 1    | 2      | 20.58      | 0.1143  | 19.23     | 0.0838  |
| Limit               | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 3MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 22.23      | 0.1671  | 19.57     | 0.0906  |
| Middle            |            | 1    | 14     | 21.92      | 0.1556  | 19.99     | 0.0998  |
| Highest           |            | 1    | 0      | 21.83      | 0.1524  | 20.34     | 0.1081  |
| Lowest            | 16QAM      | 1    | 0      | 21.18      | 0.1312  | 18.43     | 0.0697  |
| Middle            |            | 1    | 14     | 20.64      | 0.1159  | 18.60     | 0.0724  |
| Highest           |            | 1    | 0      | 20.63      | 0.1156  | 19.19     | 0.0830  |
| Limit             | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 5MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 24     | 22.06      | 0.1607  | 19.93     | 0.0984  |
| Middle            |            | 1    | 24     | 21.72      | 0.1486  | 19.74     | 0.0942  |
| Highest           |            | 1    | 0      | 21.79      | 0.1510  | 20.12     | 0.1028  |
| Lowest            | 16QAM      | 1    | 24     | 21.24      | 0.1330  | 19.00     | 0.0794  |
| Middle            |            | 1    | 24     | 20.84      | 0.1213  | 18.90     | 0.0776  |
| Highest           |            | 1    | 0      | 20.80      | 0.1202  | 19.21     | 0.0834  |
| Limit             | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4/ 10MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 21.98      | 0.1578  | 19.35     | 0.0861  |
| Middle            |            | 1    | 49     | 21.75      | 0.1496  | 19.63     | 0.0918  |
| Highest           |            | 1    | 0      | 21.62      | 0.1452  | 19.94     | 0.0986  |
| Lowest            | 16QAM      | 1    | 0      | 21.09      | 0.1285  | 18.47     | 0.0703  |
| Middle            |            | 1    | 49     | 20.77      | 0.1194  | 18.57     | 0.0719  |
| Highest           |            | 1    | 0      | 20.64      | 0.1159  | 18.82     | 0.0762  |
| Limit             | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 15MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 22.11      | 0.1626  | 19.75     | 0.0944  |
| Middle             |            | 1    | 74     | 21.95      | 0.1567  | 20.12     | 0.1028  |
| Highest            |            | 1    | 0      | 21.79      | 0.1510  | 20.07     | 0.1016  |
| Lowest             | 16QAM      | 1    | 0      | 20.88      | 0.1225  | 18.54     | 0.0714  |
| Middle             |            | 1    | 74     | 20.63      | 0.1156  | 18.69     | 0.0740  |
| Highest            |            | 1    | 0      | 20.55      | 0.1135  | 18.89     | 0.0774  |
| Limit              | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 4 / 20MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 99     | 20.47      | 0.1114  | 18.43     | 0.0697  |
| Middle             |            | 1    | 99     | 20.50      | 0.1122  | 18.78     | 0.0755  |
| Highest            |            | 1    | 99     | 20.42      | 0.1102  | 18.90     | 0.0776  |
| Lowest             | 16QAM      | 1    | 0      | 20.72      | 0.1180  | 18.20     | 0.0661  |
| Middle             |            | 1    | 99     | 20.45      | 0.1109  | 18.71     | 0.0743  |
| Highest            |            | 1    | 0      | 20.45      | 0.1109  | 18.42     | 0.0695  |
| Limit              | EIRP < 1W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 5MHz |            |      |        |            |         |           |         |
|-------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel           | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                   |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest            | QPSK       | 1    | 0      | 28.36      | 0.6855  | 28.00     | 0.6310  |
| Middle            |            | 1    | 24     | 27.98      | 0.6281  | 27.96     | 0.6252  |
| Highest           |            | 1    | 24     | 27.46      | 0.5572  | 27.18     | 0.5224  |
| Lowest            | 16QAM      | 1    | 12     | 27.29      | 0.5358  | 26.74     | 0.4721  |
| Middle            |            | 1    | 24     | 27.42      | 0.5521  | 27.32     | 0.5395  |
| Highest           |            | 1    | 0      | 26.47      | 0.4436  | 26.04     | 0.4018  |
| Limit             | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 10MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 0      | 28.33      | 0.6808  | 28.07     | 0.6412  |
| Middle             |            | 1    | 0      | 28.31      | 0.6776  | 28.29     | 0.6745  |
| Highest            |            | 1    | 49     | 27.57      | 0.5715  | 27.05     | 0.5070  |
| Lowest             | 16QAM      | 1    | 0      | 27.23      | 0.5284  | 26.62     | 0.4592  |
| Middle             |            | 1    | 0      | 27.22      | 0.5272  | 27.11     | 0.5140  |
| Highest            |            | 1    | 0      | 26.75      | 0.4732  | 26.34     | 0.4305  |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 15MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 74     | 28.45      | 0.6998  | 28.13     | 0.6501  |
| Middle             |            | 1    | 74     | 28.39      | 0.6902  | 28.22     | 0.6637  |
| Highest            |            | 1    | 0      | 28.18      | 0.6577  | 27.63     | 0.5794  |
| Lowest             | 16QAM      | 1    | 0      | 26.89      | 0.4887  | 26.46     | 0.4426  |
| Middle             |            | 1    | 0      | 27.17      | 0.5212  | 26.95     | 0.4955  |
| Highest            |            | 1    | 0      | 27.21      | 0.5260  | 26.63     | 0.4603  |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 7 / 20MHz |            |      |        |            |         |           |         |
|--------------------|------------|------|--------|------------|---------|-----------|---------|
| Channel            | Modulation | RB   |        | Horizontal |         | Vertical  |         |
|                    |            | Size | Offset | EIRP(dBm)  | EIRP(W) | EIRP(dBm) | EIRP(W) |
| Lowest             | QPSK       | 1    | 99     | 28.28      | 0.6730  | 27.85     | 0.6095  |
| Middle             |            | 1    | 99     | 28.51      | 0.7096  | 28.20     | 0.6607  |
| Highest            |            | 1    | 99     | 27.32      | 0.5395  | 26.76     | 0.4742  |
| Lowest             | 16QAM      | 1    | 0      | 27.61      | 0.5768  | 27.20     | 0.5248  |
| Middle             |            | 1    | 0      | 27.46      | 0.5572  | 27.17     | 0.5212  |
| Highest            |            | 1    | 0      | 27.28      | 0.5346  | 26.85     | 0.4842  |
| Limit              | EIRP < 2W  |      |        | Result     |         | PASS      |         |

| LTE Band 17 / 5MHz |            |      |        |            |        |          |        |
|--------------------|------------|------|--------|------------|--------|----------|--------|
| Channel            | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                    |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest             | QPSK       | 1    | 24     | 15.87      | 0.0386 | 1.71     | 0.0015 |
| Middle             |            | 1    | 0      | 15.97      | 0.0395 | 2.92     | 0.0020 |
| Highest            |            | 1    | 24     | 15.87      | 0.0386 | 2.66     | 0.0018 |
| Lowest             | 16QAM      | 1    | 24     | 14.47      | 0.0280 | 1.25     | 0.0013 |
| Middle             |            | 1    | 0      | 14.89      | 0.0308 | 1.37     | 0.0014 |
| Highest            |            | 1    | 24     | 15.33      | 0.0341 | 1.92     | 0.0016 |
| Limit              | ERP < 3W   |      |        | Result     |        | PASS     |        |

| LTE Band 17 / 10MHz |            |      |        |            |        |          |        |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel             | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                     |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest              | QPSK       | 1    | 49     | 15.97      | 0.0395 | 2.74     | 0.0019 |
| Middle              |            | 1    | 49     | 16.23      | 0.0420 | 2.86     | 0.0019 |
| Highest             |            | 1    | 49     | 16.27      | 0.0424 | 2.94     | 0.0020 |
| Lowest              | 16QAM      | 1    | 49     | 14.29      | 0.0269 | 0.74     | 0.0012 |
| Middle              |            | 1    | 49     | 14.42      | 0.0277 | 0.78     | 0.0012 |
| Highest             |            | 1    | 49     | 14.55      | 0.0285 | 0.96     | 0.0012 |
| Limit               | ERP < 3W   |      |        | Result     |        | PASS     |        |

## Radiated Spurious Emission

|                 |                                                                           |         |                 |                  |                     |                |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|---------------------|----------------|---------------|--------------|--------|
| Band :          | LTE Band 4                                                                |         |                 |                  | Temperature :       | 23~25℃         |               |              |        |
| Test Mode :     | 1.4MHz QPSK RB Size 1 Offset 0                                            |         |                 |                  | Relative Humidity : | 48~52%         |               |              |        |
| Test Engineer : | Gavin Zhang                                                               |         |                 |                  | Polarization :      | Horizontal     |               |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                     |                |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.                | TX Cable       | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm )    | loss<br>( dB ) | Gain<br>(dBi) | (H/V)        |        |
| 3463.74         | -45.40                                                                    | -13     | -32.40          | -72.03           | -57.19              | 0.81           | 12.60         | H            | Pass   |
| 5195.61         | -41.97                                                                    | -13     | -28.97          | -71.49           | -53.72              | 0.95           | 12.70         | H            | Pass   |
| 6927.48         | -45.19                                                                    | -13     | -32.19          | -75.59           | -55.76              | 1.13           | 11.70         | H            | Pass   |

|                 |                                                                           |         |                 |                  |                  |                     |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|------------------|---------------------|---------------|--------------|--------|
| Band :          | LTE Band 4                                                                |         |                 |                  |                  | Temperature :       | 23~25°C       |              |        |
| Test Mode :     | 1.4MHz QPSK RB Size 1 Offset 0                                            |         |                 |                  |                  | Relative Humidity : | 48~52%        |              |        |
| Test Engineer : | Gavin Zhang                                                               |         |                 |                  |                  | Polarization :      | Vertical      |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                  |                     |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.             | TX Cable            | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>(dBi) | (H/V)        |        |
| 3463.74         | -49.41                                                                    | -13     | -36.41          | -71.69           | -61.20           | 0.81                | 12.6          | V            | Pass   |
| 5195.61         | -48.72                                                                    | -13     | -35.72          | -73.25           | -60.47           | 0.95                | 12.7          | V            | Pass   |
| 6927.48         | -43.58                                                                    | -13     | -30.58          | -75.39           | -54.15           | 1.13                | 11.7          | V            | Pass   |



| Band :               | LTE Band 4                                                                | Temperature :       | 23~25℃                  |                         |                          |                            |                             |                       |        |
|----------------------|---------------------------------------------------------------------------|---------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|--------|
| Test Mode :          | 3MHz QPSK RB Size 1 Offset 0                                              | Relative Humidity : | 48~52%                  |                         |                          |                            |                             |                       |        |
| Test Engineer :      | Gavin Zhang                                                               | Polarization :      | Horizontal              |                         |                          |                            |                             |                       |        |
| Remark :             | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |                         |                         |                          |                            |                             |                       |        |
| Frequency<br>( MHz ) | EIRP<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) | Result |
| 3462.3               | -45.33                                                                    | -13                 | -32.33                  | -71.96                  | -57.12                   | 0.81                       | 12.60                       | H                     | Pass   |
| 5193.45              | -43.68                                                                    | -13                 | -30.68                  | -73.20                  | -55.43                   | 0.95                       | 12.70                       | H                     | Pass   |
| 6924.6               | -43.85                                                                    | -13                 | -30.85                  | -74.25                  | -54.42                   | 1.13                       | 11.70                       | H                     | Pass   |

|                 |                                                                           |         |                 |                  |                  |                     |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|------------------|---------------------|---------------|--------------|--------|
| Band :          | LTE Band 4                                                                |         |                 |                  |                  | Temperature :       | 23~25°C       |              |        |
| Test Mode :     | 3MHz QPSK RB Size 1 Offset 0                                              |         |                 |                  |                  | Relative Humidity : | 48~52%        |              |        |
| Test Engineer : | Gavin Zhang                                                               |         |                 |                  |                  | Polarization :      | Vertical      |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                  |                     |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.             | TX Cable            | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>(dBi) | (H/V)        |        |
| 3462.3          | -49.63                                                                    | -13     | -36.63          | -71.91           | -61.42           | 0.81                | 12.6          | V            | Pass   |
| 5193.45         | -48.57                                                                    | -13     | -35.57          | -73.1            | -60.32           | 0.95                | 12.7          | V            | Pass   |
| 6924.6          | -43.21                                                                    | -13     | -30.21          | -75.02           | -53.78           | 1.13                | 11.7          | V            | Pass   |



| Band :               | LTE Band 4                                                                | Temperature :       | 23~25℃                  |                         |                          |                            |                             |                       |        |
|----------------------|---------------------------------------------------------------------------|---------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|--------|
| Test Mode :          | 5MHz QPSK RB Size 1 Offset 0                                              | Relative Humidity : | 48~52%                  |                         |                          |                            |                             |                       |        |
| Test Engineer :      | Gavin Zhang                                                               | Polarization :      | Horizontal              |                         |                          |                            |                             |                       |        |
| Remark :             | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |                         |                         |                          |                            |                             |                       |        |
| Frequency<br>( MHz ) | EIRP<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) | Result |
| 3460.68              | -44.32                                                                    | -13                 | -31.32                  | -70.95                  | -56.11                   | 0.81                       | 12.60                       | H                     | Pass   |
| 5191.02              | -43.52                                                                    | -13                 | -30.52                  | -73.04                  | -55.27                   | 0.95                       | 12.70                       | H                     | Pass   |
| 6921.36              | -44.86                                                                    | -13                 | -31.86                  | -75.26                  | -55.43                   | 1.13                       | 11.70                       | H                     | Pass   |

|                 |                                                                           |         |                 |                  |                     |                |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|---------------------|----------------|---------------|--------------|--------|
| Band :          | LTE Band 4                                                                |         |                 |                  | Temperature :       | 23~25°C        |               |              |        |
| Test Mode :     | 5MHz QPSK RB Size 1 Offset 0                                              |         |                 |                  | Relative Humidity : | 48~52%         |               |              |        |
| Test Engineer : | Gavin Zhang                                                               |         |                 |                  | Polarization :      | Vertical       |               |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                     |                |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.                | TX Cable       | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm )    | loss<br>( dB ) | Gain<br>(dBi) | (H/V)        |        |
| 3460.68         | -49.62                                                                    | -13     | -36.62          | -71.9            | -61.41              | 0.81           | 12.6          | V            | Pass   |
| 5191.02         | -48.39                                                                    | -13     | -35.39          | -72.92           | -60.14              | 0.95           | 12.7          | V            | Pass   |
| 6921.36         | -43.19                                                                    | -13     | -30.19          | -75              | -53.76              | 1.13           | 11.7          | V            | Pass   |



| Band :               | LTE Band 4                                                                | Temperature :       | 23~25℃                  |                         |                          |                            |                             |                       |        |
|----------------------|---------------------------------------------------------------------------|---------------------|-------------------------|-------------------------|--------------------------|----------------------------|-----------------------------|-----------------------|--------|
| Test Mode :          | 10MHz QPSK RB Size 1 Offset 0                                             | Relative Humidity : | 48~52%                  |                         |                          |                            |                             |                       |        |
| Test Engineer :      | Gavin Zhang                                                               | Polarization :      | Horizontal              |                         |                          |                            |                             |                       |        |
| Remark :             | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |                         |                         |                          |                            |                             |                       |        |
| Frequency<br>( MHz ) | EIRP<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) | Result |
| 3456.18              | -45.45                                                                    | -13                 | -32.45                  | -72.08                  | -57.24                   | 0.81                       | 12.60                       | H                     | Pass   |
| 5184.27              | -44.39                                                                    | -13                 | -31.39                  | -73.91                  | -56.14                   | 0.95                       | 12.70                       | H                     | Pass   |
| 6912.36              | -44.84                                                                    | -13                 | -31.84                  | -75.24                  | -55.41                   | 1.13                       | 11.70                       | H                     | Pass   |

|                 |                                                                           |         |                 |                  |                     |                |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|---------------------|----------------|---------------|--------------|--------|
| Band :          | LTE Band 4                                                                |         |                 |                  | Temperature :       | 23~25°C        |               |              |        |
| Test Mode :     | 10MHz QPSK RB Size 1 Offset 0                                             |         |                 |                  | Relative Humidity : | 48~52%         |               |              |        |
| Test Engineer : | Gavin Zhang                                                               |         |                 |                  | Polarization :      | Vertical       |               |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                     |                |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.                | TX Cable       | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm )    | loss<br>( dB ) | Gain<br>(dBi) | (H/V)        |        |
| 3456.18         | -49.55                                                                    | -13     | -36.55          | -71.83           | -61.34              | 0.81           | 12.6          | V            | Pass   |
| 5184.27         | -48.59                                                                    | -13     | -35.59          | -73.12           | -60.34              | 0.95           | 12.7          | V            | Pass   |
| 6912.36         | -43.72                                                                    | -13     | -30.72          | -75.53           | -54.29              | 1.13           | 11.7          | V            | Pass   |



| Band :          | LTE Band 4                                                                | Temperature :       | 23~25℃     |         |        |          |            |              |        |
|-----------------|---------------------------------------------------------------------------|---------------------|------------|---------|--------|----------|------------|--------------|--------|
| Test Mode :     | 15MHz QPSK RB Size 1 Offset 0                                             | Relative Humidity : | 48~52%     |         |        |          |            |              |        |
| Test Engineer : | Gavin Zhang                                                               | Polarization :      | Horizontal |         |        |          |            |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |            |         |        |          |            |              |        |
| Frequency       | EIRP                                                                      | Limit               | Over       | SPA     | S.G.   | TX Cable | TX Antenna | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm )             | Limit      | Reading | Power  | loss     | Gain       | (H/V)        |        |
| 3451.68         | -45.17                                                                    | -13                 | -32.17     | -71.80  | -56.96 | 0.81     | 12.60      | H            | Pass   |
| 5177.52         | -43.21                                                                    | -13                 | -30.21     | -72.73  | -54.96 | 0.95     | 12.70      | H            | Pass   |
| 6903.36         | -44.57                                                                    | -13                 | -31.57     | -74.97  | -55.14 | 1.13     | 11.70      | H            | Pass   |

|                 |                                                                           |         |                 |                    |                  |                     |                 |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|--------------------|------------------|---------------------|-----------------|--------------|--------|
| Band :          | LTE Band 4                                                                |         |                 |                    |                  | Temperature :       | 23~25°C         |              |        |
| Test Mode :     | 15MHz QPSK RB Size 1 Offset 0                                             |         |                 |                    |                  | Relative Humidity : | 48~52%          |              |        |
| Test Engineer : | Gavin Zhang                                                               |         |                 |                    |                  | Polarization :      | Vertical        |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                    |                  |                     |                 |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA                | S.G.             | TX Cable            | TX Antenna      | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>( dBm ) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>( dBi ) | (H/V)        |        |
| 3451.68         | -49.05                                                                    | -13     | -36.05          | -71.33             | -60.84           | 0.81                | 12.6            | V            | Pass   |
| 5177.52         | -48.95                                                                    | -13     | -35.95          | -73.48             | -60.70           | 0.95                | 12.7            | V            | Pass   |
| 6903.36         | -43.36                                                                    | -13     | -30.36          | -75.17             | -53.93           | 1.13                | 11.7            | V            | Pass   |



|                 |                                                                           |                     |            |         |         |          |            |              |        |
|-----------------|---------------------------------------------------------------------------|---------------------|------------|---------|---------|----------|------------|--------------|--------|
| Band :          | LTE Band 4                                                                | Temperature :       | 23~25℃     |         |         |          |            |              |        |
| Test Mode :     | 20MHz QPSK RB Size 1 Offset 0                                             | Relative Humidity : | 48~52%     |         |         |          |            |              |        |
| Test Engineer : | Gavin Zhang                                                               | Polarization :      | Horizontal |         |         |          |            |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |            |         |         |          |            |              |        |
| Frequency       | EIRP                                                                      | Limit               | Over       | SPA     | S.G.    | TX Cable | TX Antenna | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm )             | Limit      | Reading | Power   | loss     | Gain       |              |        |
|                 |                                                                           |                     | ( dB )     | (dBm)   | ( dBm ) | ( dB )   | (dBi)      | (H/V)        |        |
| 3447.18         | -44.52                                                                    | -13                 | -31.52     | -71.15  | -56.31  | 0.81     | 12.60      | H            | Pass   |
| 5170.77         | -43.79                                                                    | -13                 | -30.79     | -73.31  | -55.54  | 0.95     | 12.70      | H            | Pass   |
| 6894.36         | -44.43                                                                    | -13                 | -31.43     | -74.83  | -55.00  | 1.13     | 11.70      | H            | Pass   |

|                 |                                                                           |         |                 |                    |                     |                |                 |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|--------------------|---------------------|----------------|-----------------|--------------|--------|
| Band :          | LTE Band 4                                                                |         |                 |                    | Temperature :       | 23~25°C        |                 |              |        |
| Test Mode :     | 20MHz QPSK RB Size 1 Offset 0                                             |         |                 |                    | Relative Humidity : | 48~52%         |                 |              |        |
| Test Engineer : | Gavin Zhang                                                               |         |                 |                    | Polarization :      | Vertical       |                 |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                    |                     |                |                 |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA                | S.G.                | TX Cable       | TX Antenna      | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>( dBm ) | Power<br>( dBm )    | loss<br>( dB ) | Gain<br>( dBi ) | (H/V)        |        |
| 3447.18         | -49.28                                                                    | -13     | -36.28          | -71.56             | -61.07              | 0.81           | 12.6            | V            | Pass   |
| 5170.77         | -48.10                                                                    | -13     | -35.10          | -72.63             | -59.85              | 0.95           | 12.7            | V            | Pass   |
| 6894.36         | -43.11                                                                    | -13     | -30.11          | -74.92             | -53.68              | 1.13           | 11.7            | V            | Pass   |



|                 |                                                                           |                     |            |         |         |          |            |              |        |
|-----------------|---------------------------------------------------------------------------|---------------------|------------|---------|---------|----------|------------|--------------|--------|
| Band :          | LTE Band 7                                                                | Temperature :       | 23~25℃     |         |         |          |            |              |        |
| Test Mode :     | 5MHz QPSK RB Size 1 Offset 0                                              | Relative Humidity : | 48~52%     |         |         |          |            |              |        |
| Test Engineer : | Kaer Huang                                                                | Polarization :      | Horizontal |         |         |          |            |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |            |         |         |          |            |              |        |
| Frequency       | EIRP                                                                      | Limit               | Over       | SPA     | S.G.    | TX Cable | TX Antenna | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm )             | Limit      | Reading | Power   | loss     | Gain       |              |        |
|                 |                                                                           |                     | ( dB )     | (dBm)   | ( dBm ) | ( dB )   | (dBi)      | (H/V)        |        |
| 5065.68         | -41.36                                                                    | -25                 | -16.36     | -73.34  | -53.11  | 0.95     | 12.70      | H            | Pass   |
| 7598.52         | -39.22                                                                    | -25                 | -14.22     | -76.11  | -49.46  | 1.46     | 11.70      | H            | Pass   |
| 10131.36        | -38.41                                                                    | -25                 | -13.41     | -76.88  | -49.20  | 1.31     | 12.10      | H            | Pass   |

|                 |                                                                           |         |                 |                  |                     |                |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|---------------------|----------------|---------------|--------------|--------|
| Band :          | LTE Band 7                                                                |         |                 |                  | Temperature :       | 23~25°C        |               |              |        |
| Test Mode :     | 5MHz QPSK RB Size 1 Offset 0                                              |         |                 |                  | Relative Humidity : | 48~52%         |               |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                  | Polarization :      | Vertical       |               |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                     |                |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.                | TX Cable       | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm )    | loss<br>( dB ) | Gain<br>(dBi) | (H/V)        |        |
| 5065.68         | -39.76                                                                    | -25     | -14.76          | -72.95           | -51.51              | 0.95           | 12.70         | V            | Pass   |
| 7598.52         | -38.61                                                                    | -25     | -13.61          | -75.49           | -48.85              | 1.46           | 11.70         | V            | Pass   |
| 10131.36        | -39.78                                                                    | -25     | -14.78          | -76.68           | -50.57              | 1.31           | 12.10         | V            | Pass   |



|                 |                                                                           |         |                 |                  |                     |                |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|---------------------|----------------|---------------|--------------|--------|
| Band :          | LTE Band 7                                                                |         |                 |                  | Temperature :       | 23~25℃         |               |              |        |
| Test Mode :     | 10MHz QPSK RB Size 1 Offset 0                                             |         |                 |                  | Relative Humidity : | 48~52%         |               |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                  | Polarization :      | Horizontal     |               |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                     |                |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.                | TX Cable       | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm )    | loss<br>( dB ) | Gain<br>(dBi) | (H/V)        |        |
| 5061.18         | -38.57                                                                    | -25     | -13.57          | -71.55           | -50.32              | 0.95           | 12.70         | H            | Pass   |
| 7591.77         | -38.40                                                                    | -25     | -13.40          | -75.29           | -48.64              | 1.46           | 11.70         | H            | Pass   |
| 10122.36        | -38.70                                                                    | -25     | -13.70          | -77.17           | -49.49              | 1.31           | 12.10         | H            | Pass   |

|                 |                                                                           |         |                 |                  |                  |                     |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|------------------|---------------------|---------------|--------------|--------|
| Band :          | LTE Band 7                                                                |         |                 |                  |                  | Temperature :       | 23~25°C       |              |        |
| Test Mode :     | 10MHz QPSK RB Size 1 Offset 0                                             |         |                 |                  |                  | Relative Humidity : | 48~52%        |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                  |                  | Polarization :      | Vertical      |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                  |                     |               |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA              | S.G.             | TX Cable            | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>(dBi) | (H/V)        |        |
| 5061.18         | -40.72                                                                    | -25     | -15.72          | -73.3            | -52.47           | 0.95                | 12.70         | V            | Pass   |
| 7591.77         | -38.94                                                                    | -25     | -13.94          | -75.82           | -49.18           | 1.46                | 11.70         | V            | Pass   |
| 10122.36        | -39.97                                                                    | -25     | -14.97          | -76.87           | -50.76           | 1.31                | 12.10         | V            | Pass   |



|                 |                                                                           |                     |            |         |         |          |            |              |        |
|-----------------|---------------------------------------------------------------------------|---------------------|------------|---------|---------|----------|------------|--------------|--------|
| Band :          | LTE Band 7                                                                | Temperature :       | 23~25℃     |         |         |          |            |              |        |
| Test Mode :     | 15MHz QPSK RB Size 1 Offset 0                                             | Relative Humidity : | 48~52%     |         |         |          |            |              |        |
| Test Engineer : | Kaer Huang                                                                | Polarization :      | Horizontal |         |         |          |            |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |            |         |         |          |            |              |        |
| Frequency       | EIRP                                                                      | Limit               | Over       | SPA     | S.G.    | TX Cable | TX Antenna | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm )             | Limit      | Reading | Power   | loss     | Gain       |              |        |
|                 |                                                                           |                     | ( dB )     | (dBm)   | ( dBm ) | ( dB )   | (dBi)      | (H/V)        |        |
| 5056.68         | -40.23                                                                    | -25                 | -15.23     | -72.46  | -51.98  | 0.95     | 12.70      | H            | Pass   |
| 7585.02         | -38.25                                                                    | -25                 | -13.25     | -75.14  | -48.49  | 1.46     | 11.70      | H            | Pass   |
| 10131.36        | -38.34                                                                    | -25                 | -13.34     | -76.81  | -49.13  | 1.31     | 12.10      | H            | Pass   |

|                 |                                                                           |                     |                 |                  |                  |                |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------------------|-----------------|------------------|------------------|----------------|---------------|--------------|--------|
| Band :          | LTE Band 7                                                                | Temperature :       | 23~25°C         |                  |                  |                |               |              |        |
| Test Mode :     | 15MHz QPSK RB Size 1 Offset 0                                             | Relative Humidity : | 48~52%          |                  |                  |                |               |              |        |
| Test Engineer : | Kaer Huang                                                                | Polarization :      | Vertical        |                  |                  |                |               |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |                 |                  |                  |                |               |              |        |
| Frequency       | EIRP                                                                      | Limit               | Over            | SPA              | S.G.             | TX Cable       | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm )             | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB ) | Gain<br>(dBi) | (H/V)        |        |
| 5056.68         | -40.09                                                                    | -25                 | -15.09          | -73.16           | -51.84           | 0.95           | 12.70         | V            | Pass   |
| 7585.02         | -38.10                                                                    | -25                 | -13.10          | -74.98           | -48.34           | 1.46           | 11.70         | V            | Pass   |
| 10131.36        | -39.31                                                                    | -25                 | -14.31          | -76.21           | -50.10           | 1.31           | 12.10         | V            | Pass   |



|                 |                                                                           |                     |            |         |         |          |            |              |        |
|-----------------|---------------------------------------------------------------------------|---------------------|------------|---------|---------|----------|------------|--------------|--------|
| Band :          | LTE Band 7                                                                | Temperature :       | 23~25℃     |         |         |          |            |              |        |
| Test Mode :     | 20MHz QPSK RB Size 1 Offset 0                                             | Relative Humidity : | 48~52%     |         |         |          |            |              |        |
| Test Engineer : | Kaer Huang                                                                | Polarization :      | Horizontal |         |         |          |            |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |                     |            |         |         |          |            |              |        |
| Frequency       | EIRP                                                                      | Limit               | Over       | SPA     | S.G.    | TX Cable | TX Antenna | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm )             | Limit      | Reading | Power   | loss     | Gain       |              |        |
|                 |                                                                           |                     | ( dB )     | (dBm)   | ( dBm ) | ( dB )   | (dBi)      | (H/V)        |        |
| 5052.18         | -41.05                                                                    | -25                 | -16.05     | -73.03  | -52.80  | 0.95     | 12.70      | H            | Pass   |
| 7578.27         | -37.47                                                                    | -25                 | -12.47     | -74.36  | -47.71  | 1.46     | 11.70      | H            | Pass   |
| 10104.36        | -38.51                                                                    | -25                 | -13.51     | -76.98  | -49.30  | 1.31     | 12.10      | H            | Pass   |

|                 |                                                                           |         |                 |                    |                     |                |                 |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|--------------------|---------------------|----------------|-----------------|--------------|--------|
| Band :          | LTE Band 7                                                                |         |                 |                    | Temperature :       | 23~25°C        |                 |              |        |
| Test Mode :     | 20MHz QPSK RB Size 1 Offset 0                                             |         |                 |                    | Relative Humidity : | 48~52%         |                 |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                    | Polarization :      | Vertical       |                 |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                    |                     |                |                 |              |        |
| Frequency       | EIRP                                                                      | Limit   | Over            | SPA                | S.G.                | TX Cable       | TX Antenna      | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>( dBm ) | Power<br>( dBm )    | loss<br>( dB ) | Gain<br>( dBi ) | (H/V)        |        |
| 5052.18         | -41.20                                                                    | -25     | -16.20          | -72.43             | -52.95              | 0.95           | 12.70           | V            | Pass   |
| 7578.27         | -39.14                                                                    | -25     | -14.14          | -76.02             | -49.38              | 1.46           | 11.70           | V            | Pass   |
| 10104.36        | -39.75                                                                    | -25     | -14.75          | -76.65             | -50.54              | 1.31           | 12.10           | V            | Pass   |



|                 |                                                                           |         |                 |                  |                  |                     |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|------------------|---------------------|---------------|--------------|--------|
| Band :          | LTE Band 17                                                               |         |                 |                  |                  | Temperature :       | 23~25°C       |              |        |
| Test Mode :     | 5MHz QPSK RB Size 1 Offset 0                                              |         |                 |                  |                  | Relative Humidity : | 48~52%        |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                  |                  | Polarization :      | Horizontal    |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                  |                     |               |              |        |
| Frequency       | ERP                                                                       | Limit   | Over            | SPA              | S.G.             | TX Cable            | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>(dBi) | (H/V)        |        |
| 1418            | -54.64                                                                    | -13     | -41.64          | -68.85           | -61.32           | 0.57                | 9.40          | H            | Pass   |
| 2125            | -47.69                                                                    | -13     | -34.69          | -69.14           | -55.39           | 0.75                | 10.60         | H            | Pass   |
| 2833            | -48.41                                                                    | -13     | -35.41          | -72.78           | -57.99           | 0.87                | 12.60         | H            | Pass   |

|                 |                                                                           |         |                 |                  |                  |                     |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|------------------|---------------------|---------------|--------------|--------|
| Band :          | LTE Band 17                                                               |         |                 |                  |                  | Temperature :       | 23~25°C       |              |        |
| Test Mode :     | 5MHz QPSK RB Size 1 Offset 0                                              |         |                 |                  |                  | Relative Humidity : | 48~52%        |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                  |                  | Polarization :      | Vertical      |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                  |                     |               |              |        |
| Frequency       | ERP                                                                       | Limit   | Over            | SPA              | S.G.             | TX Cable            | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>(dBi) | (H/V)        |        |
| 1418            | -54.39                                                                    | -13     | -41.39          | -69.03           | -61.07           | 0.57                | 9.40          | V            | Pass   |
| 2125            | -49.06                                                                    | -13     | -36.06          | -71.51           | -56.76           | 0.75                | 10.60         | V            | Pass   |
| 2833            | -43.58                                                                    | -13     | -30.58          | -72.42           | -53.16           | 0.87                | 12.60         | V            | Pass   |



|                 |                                                                           |         |                 |                  |                  |                     |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|------------------|---------------------|---------------|--------------|--------|
| Band :          | LTE Band 17                                                               |         |                 |                  |                  | Temperature :       | 23~25°C       |              |        |
| Test Mode :     | 10MHz QPSK RB Size 1 Offset 0                                             |         |                 |                  |                  | Relative Humidity : | 48~52%        |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                  |                  | Polarization :      | Horizontal    |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                  |                     |               |              |        |
| Frequency       | ERP                                                                       | Limit   | Over            | SPA              | S.G.             | TX Cable            | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>(dBi) | (H/V)        |        |
| 1408            | -55.16                                                                    | -13     | -42.16          | -69.37           | -61.84           | 0.57                | 9.40          | H            | Pass   |
| 2113            | -52.01                                                                    | -13     | -39.01          | -71.67           | -59.71           | 0.75                | 10.60         | H            | Pass   |
| 2816            | -48.29                                                                    | -13     | -35.29          | -72.66           | -57.87           | 0.87                | 12.60         | H            | Pass   |

|                 |                                                                           |         |                 |                  |                  |                     |               |              |        |
|-----------------|---------------------------------------------------------------------------|---------|-----------------|------------------|------------------|---------------------|---------------|--------------|--------|
| Band :          | LTE Band 17                                                               |         |                 |                  |                  | Temperature :       | 23~25°C       |              |        |
| Test Mode :     | 10MHz QPSK RB Size 1 Offset 0                                             |         |                 |                  |                  | Relative Humidity : | 48~52%        |              |        |
| Test Engineer : | Kaer Huang                                                                |         |                 |                  |                  | Polarization :      | Vertical      |              |        |
| Remark :        | Spurious emissions below 1GHz were found more than 20dB below limit line. |         |                 |                  |                  |                     |               |              |        |
| Frequency       | ERP                                                                       | Limit   | Over            | SPA              | S.G.             | TX Cable            | TX Antenna    | Polarization | Result |
| ( MHz )         | ( dBm )                                                                   | ( dBm ) | Limit<br>( dB ) | Reading<br>(dBm) | Power<br>( dBm ) | loss<br>( dB )      | Gain<br>(dBi) | (H/V)        |        |
| 1408            | -54.74                                                                    | -13     | -41.74          | -69.46           | -61.42           | 0.57                | 9.40          | V            | Pass   |
| 2113            | -50.39                                                                    | -13     | -37.39          | -71.98           | -58.09           | 0.75                | 10.60         | V            | Pass   |
| 2816            | -43.00                                                                    | -13     | -30.00          | -71.92           | -52.58           | 0.87                | 12.60         | V            | Pass   |