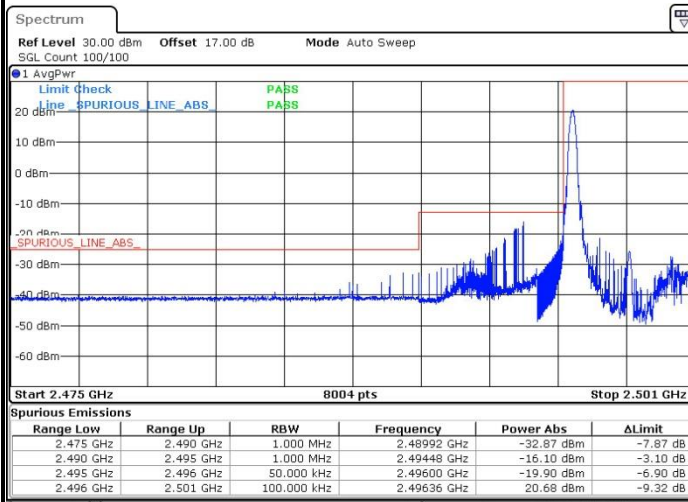


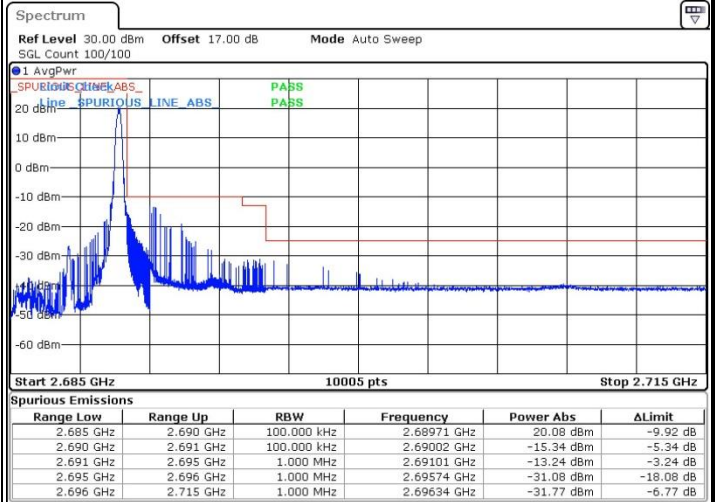


## LTE Band 41 / 5MHz / 16QAM

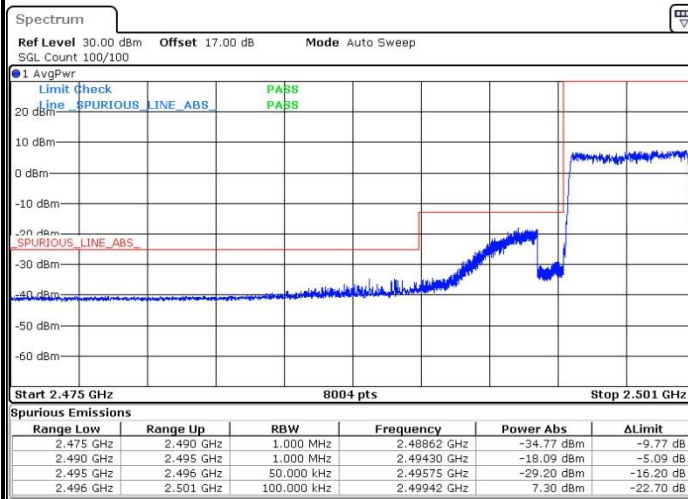
## Lowest Band Edge / 1RB



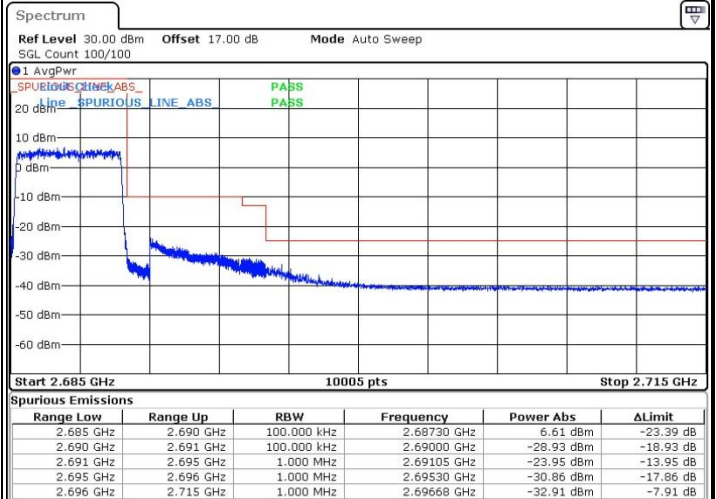
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



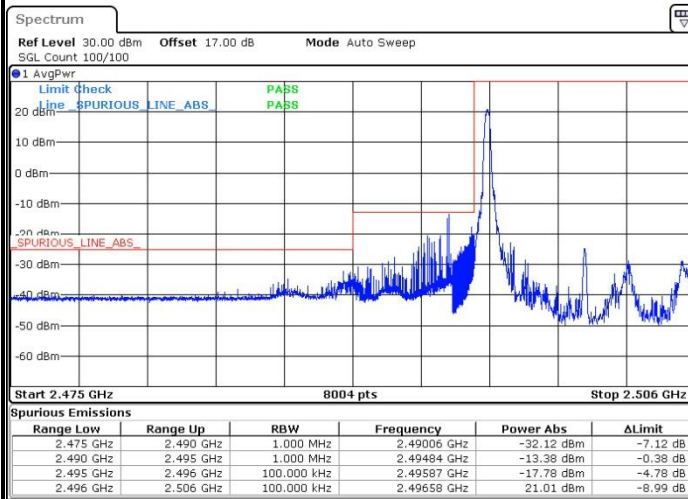
## Highest Band Edge / Full RB



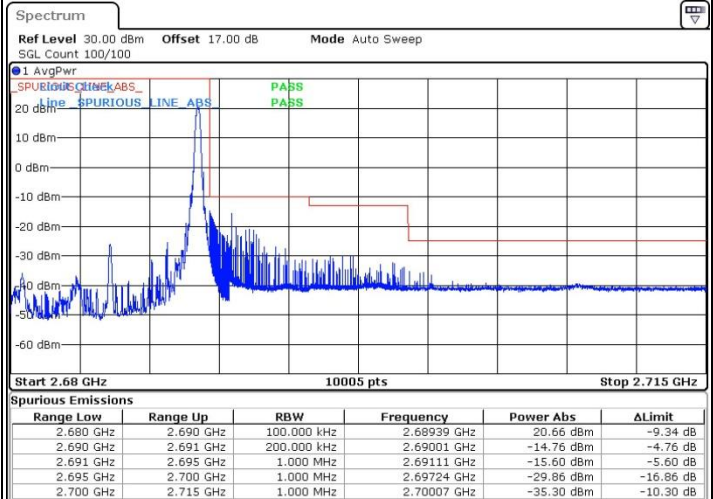


## LTE Band 41 / 10MHz / QPSK

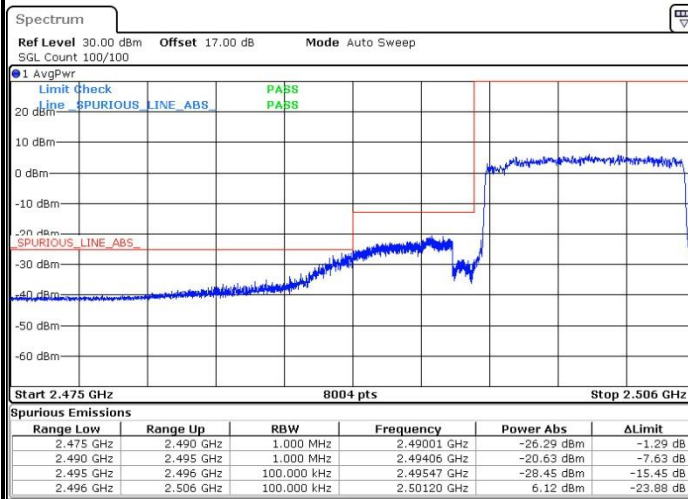
## Lowest Band Edge / 1 RB



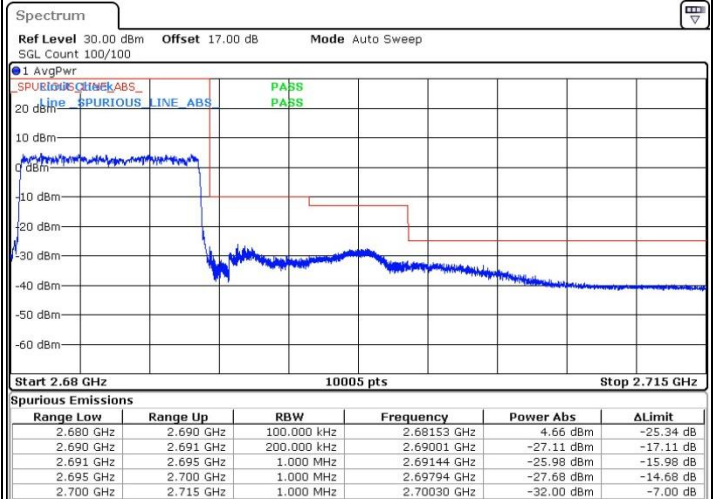
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



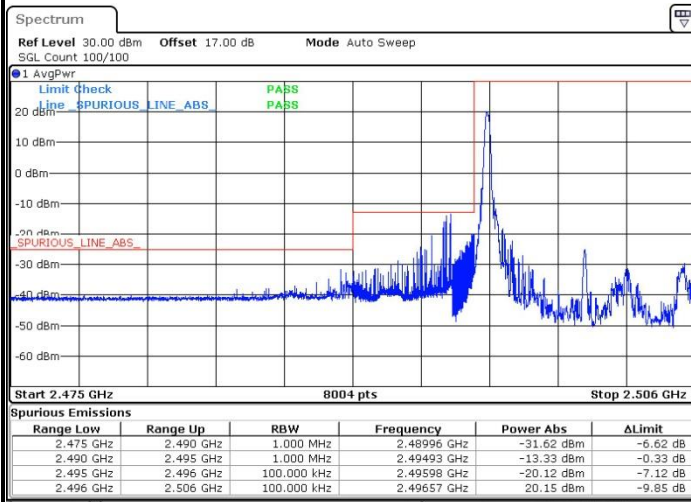
## Highest Band Edge / Full RB





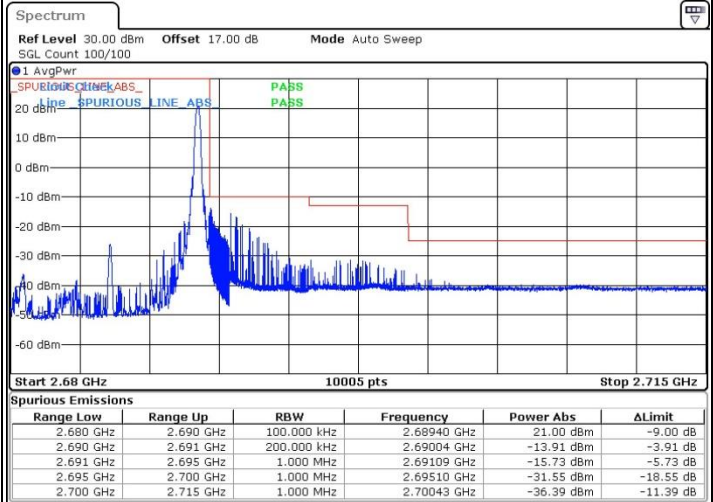
## LTE Band 41 / 10MHz / 16QAM

## Lowest Band Edge / 1 RB



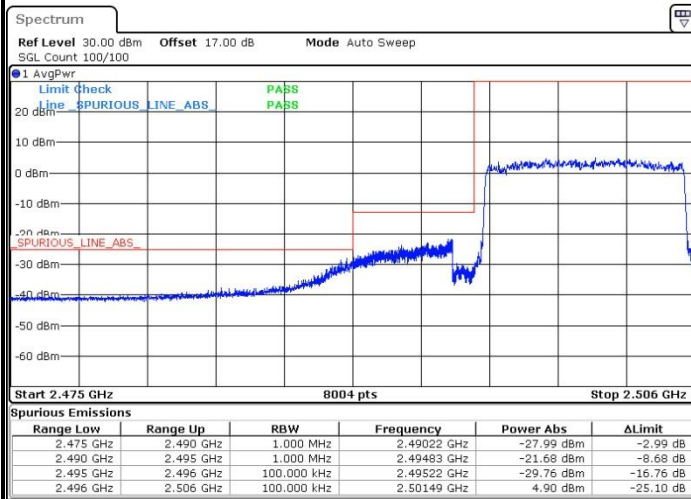
Date: 16.AUG.2015 09:02:48

## Highest Band Edge / 1 RB



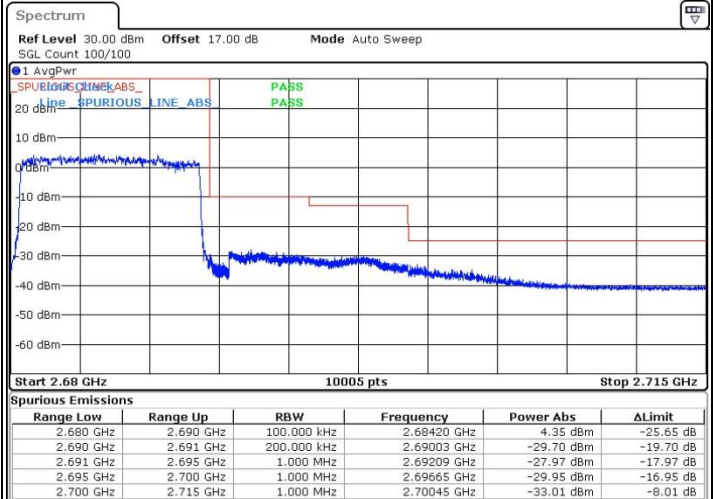
Date: 16.AUG.2015 09:09:14

## Lowest Band Edge / Full RB



Date: 16.AUG.2015 09:06:54

## Highest Band Edge / Full RB

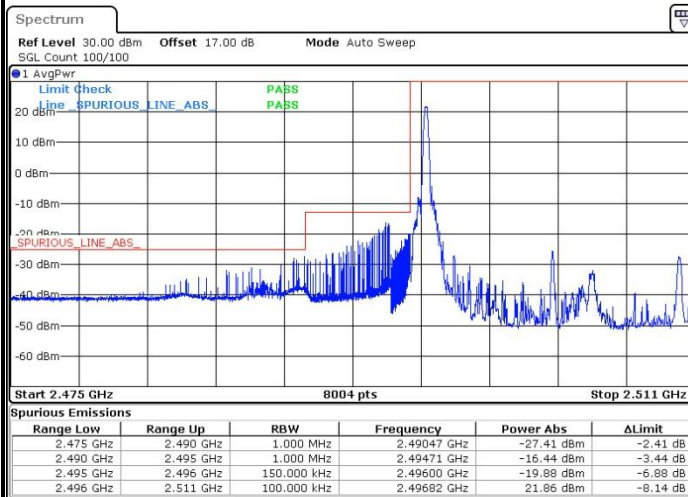


Date: 16.AUG.2015 09:11:34

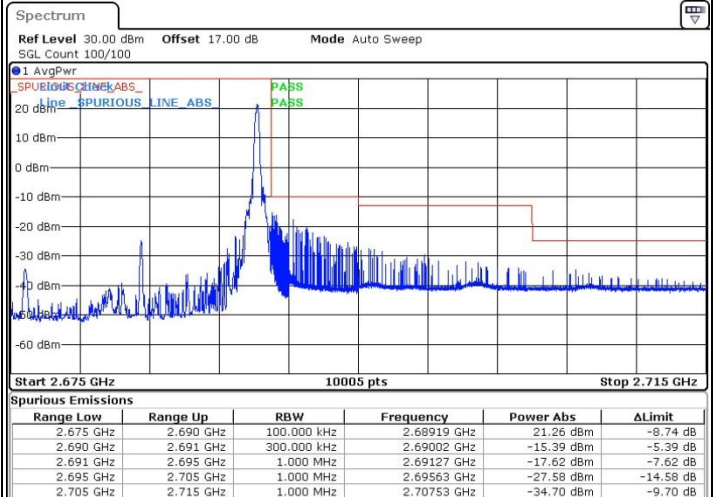


## LTE Band 41 / 15MHz / QPSK

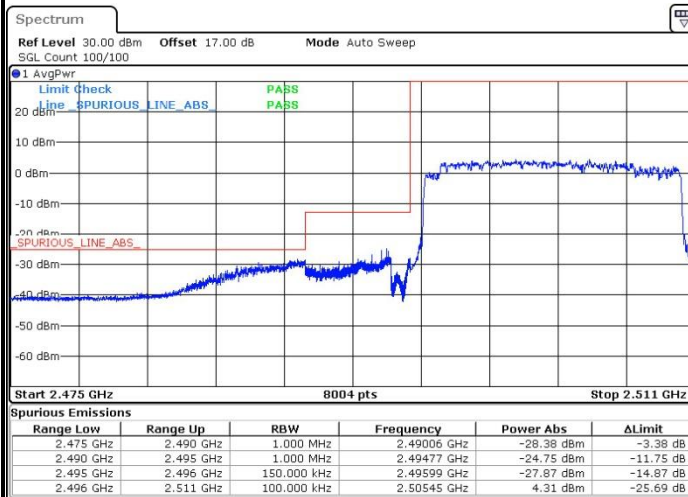
## Lowest Band Edge / 1 RB



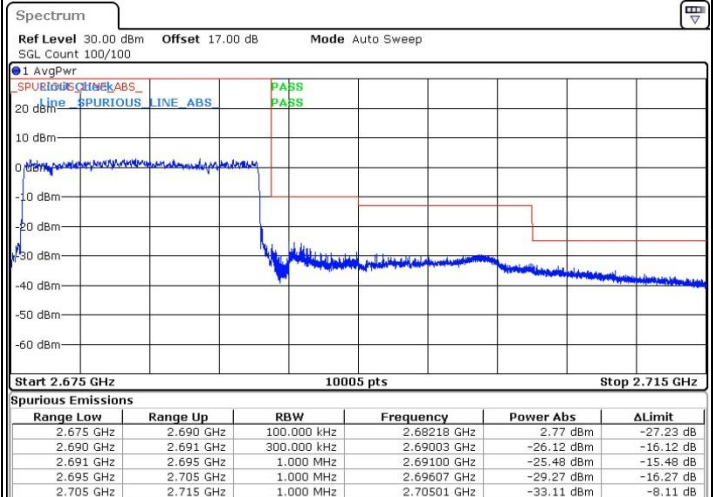
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



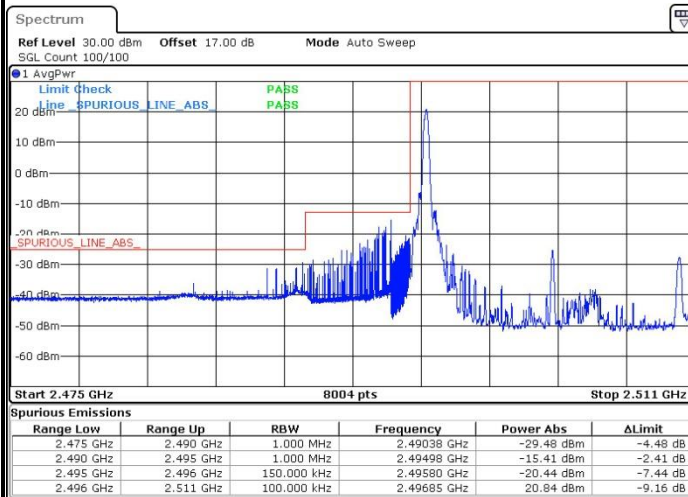
## Highest Band Edge / Full RB



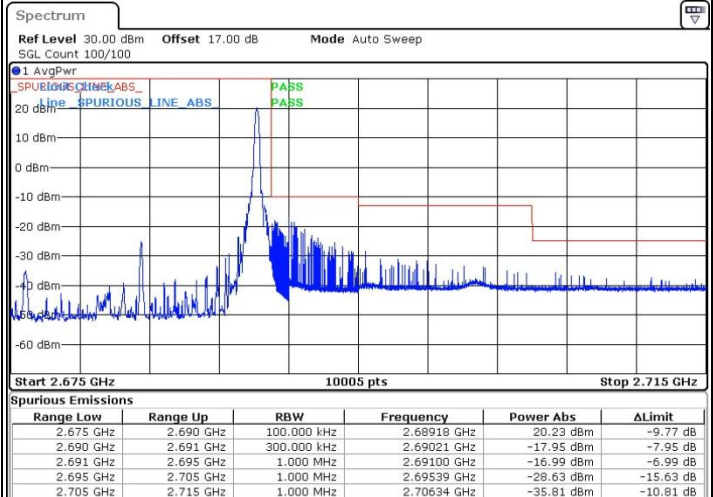


## LTE Band 41 / 15MHz / 16QAM

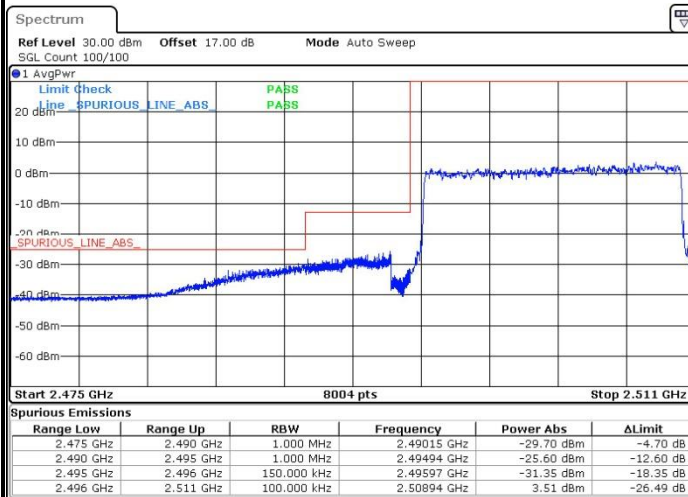
## Lowest Band Edge / 1 RB



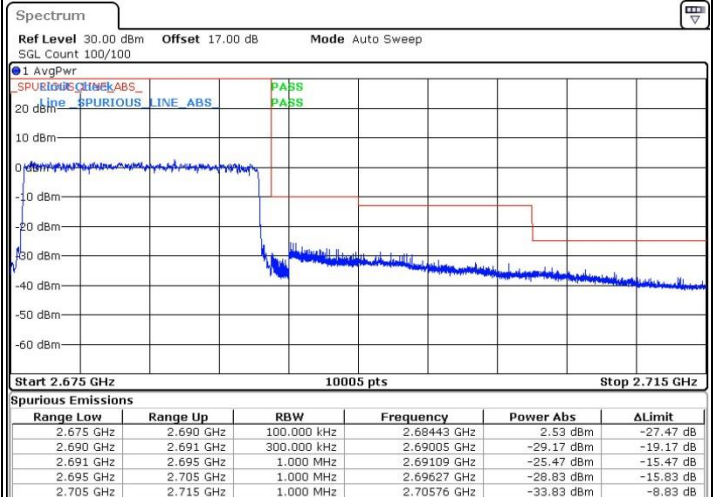
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



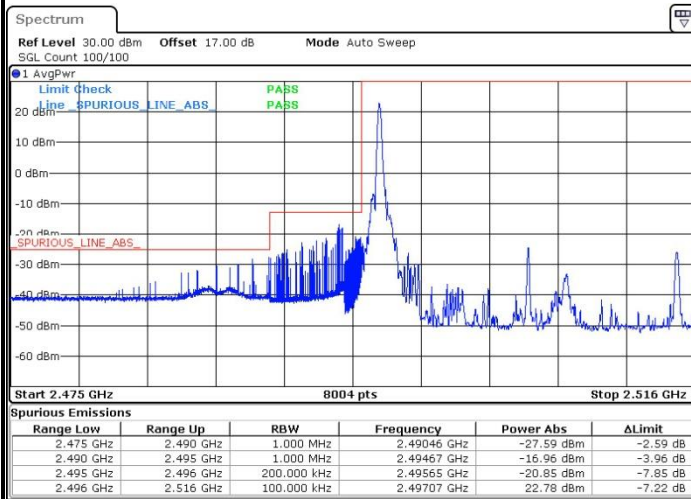
## Highest Band Edge / Full RB



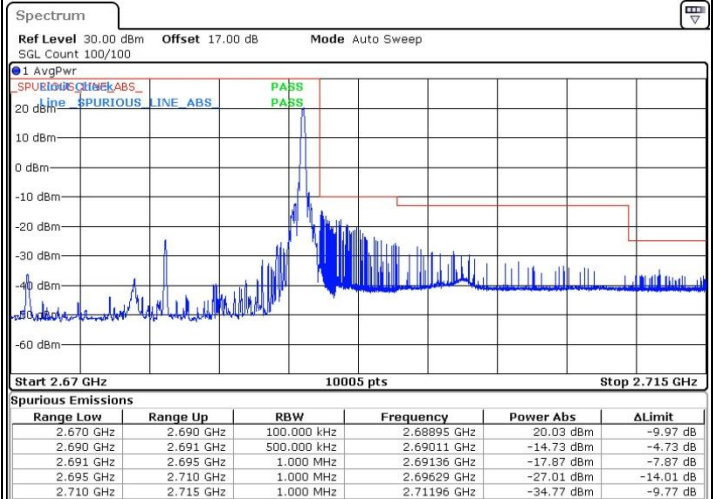


## LTE Band 41 / 20MHz / QPSK

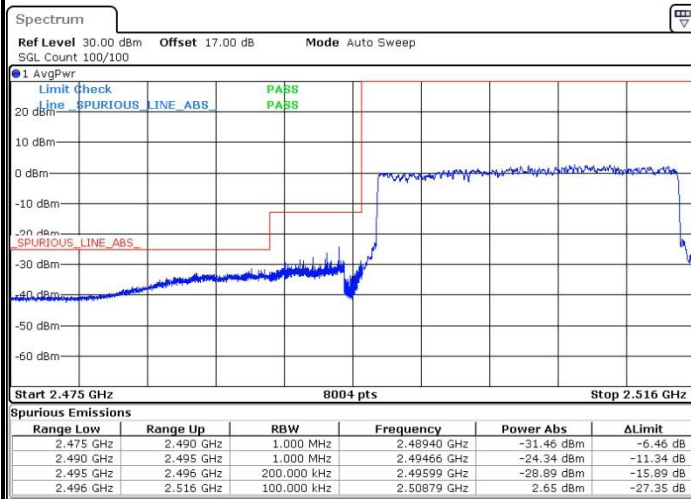
## Lowest Band Edge / 1 RB



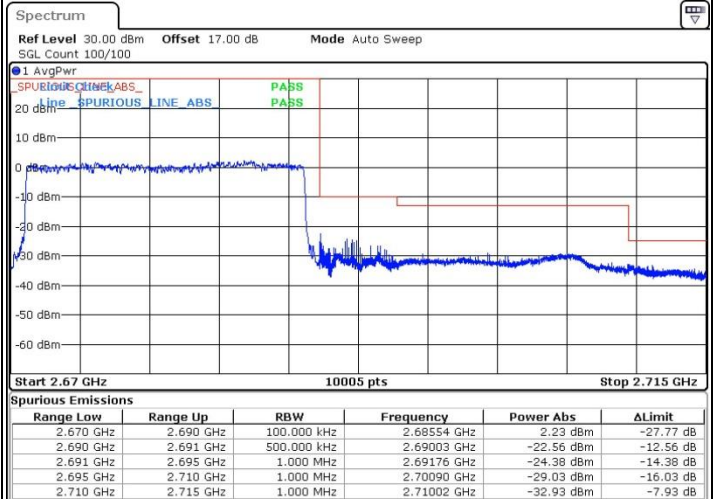
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



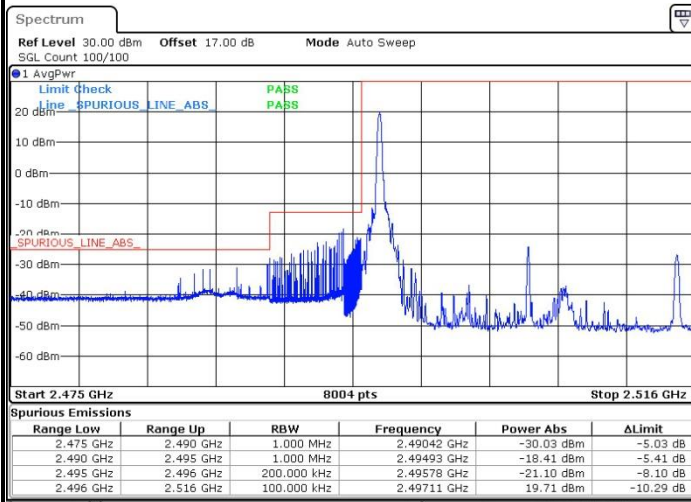
## Highest Band Edge / Full RB



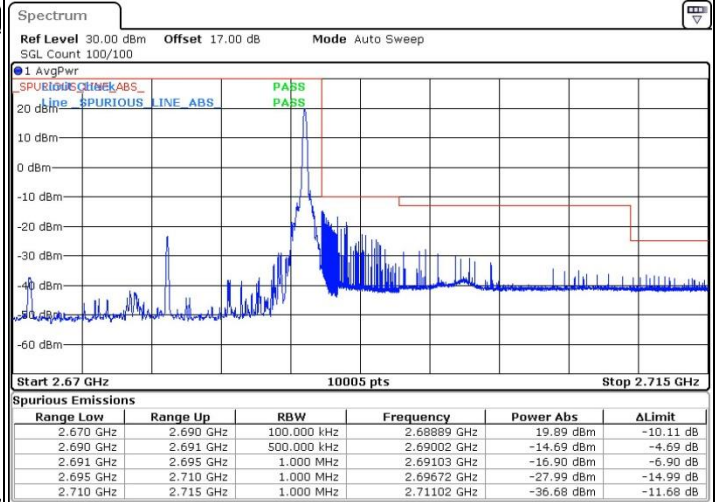


## LTE Band 41 / 20MHz / 16QAM

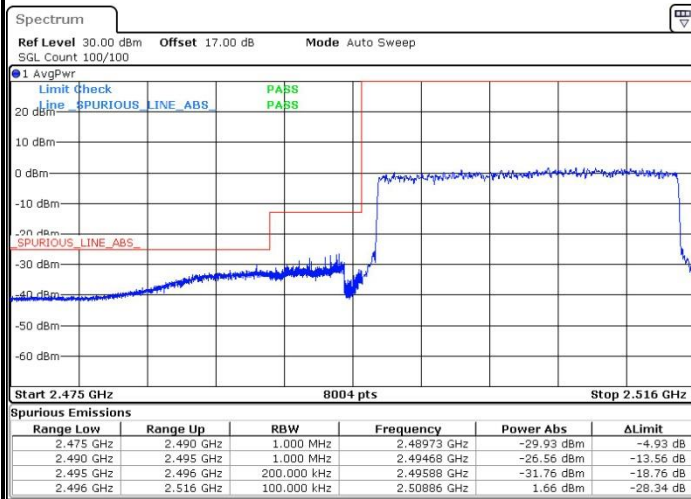
## Lowest Band Edge / 1 RB



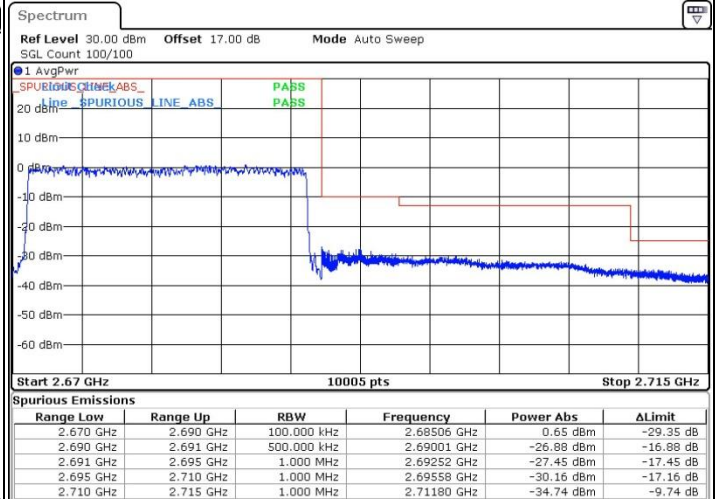
## Highest Band Edge / 1 RB



## Lowest Band Edge / Full RB



## Highest Band Edge / Full RB

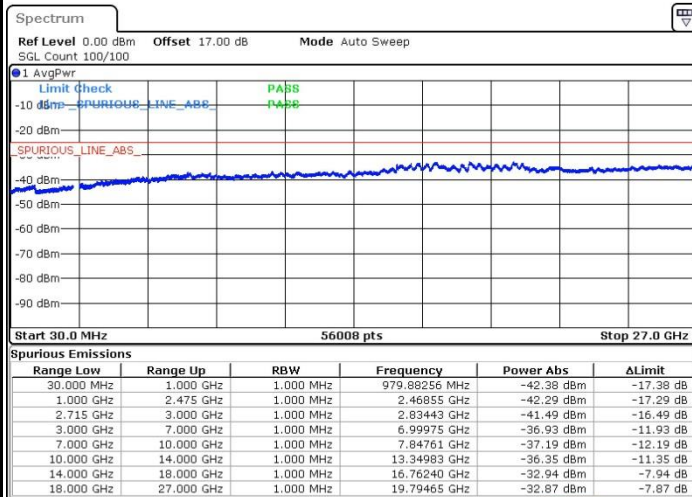




# Conducted Spurious Emission

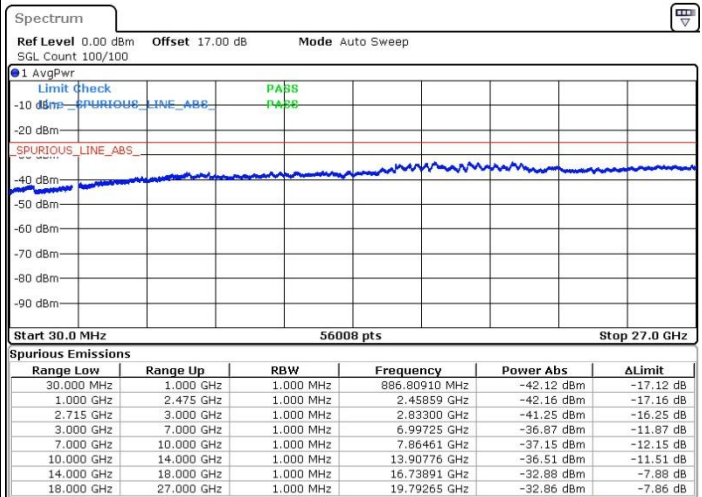
## LTE Band 41 / 5MHz

### Lowest Channel / QPSK



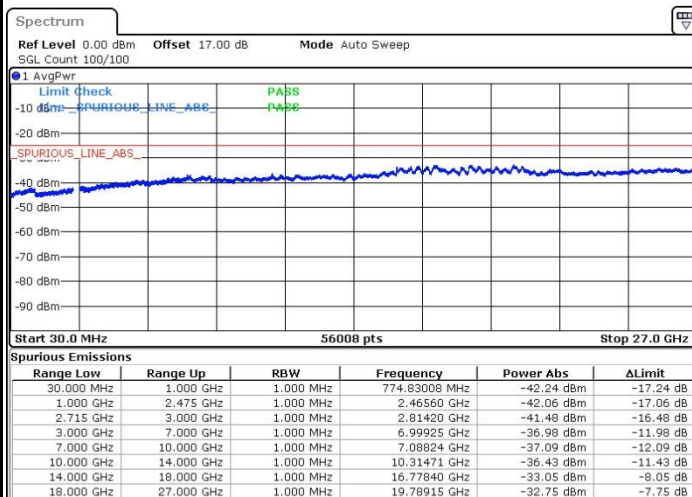
Date: 1.SEP.2015 14:54:50

### Lowest Channel / 16QAM



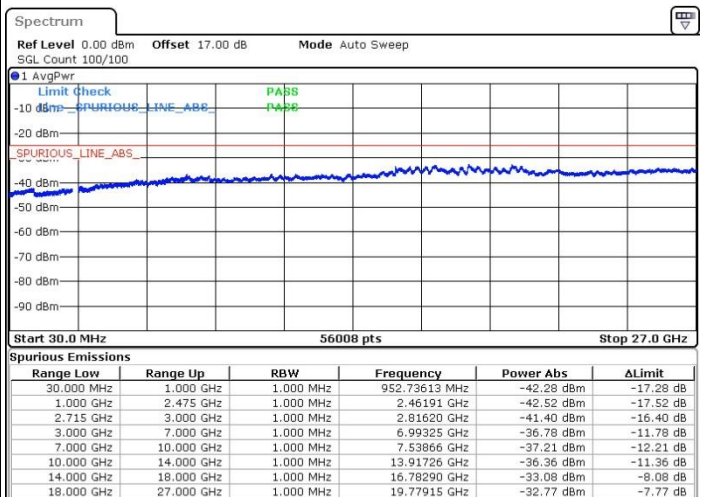
Date: 1.SEP.2015 14:55:45

### Middle Channel / QPSK



Date: 1.SEP.2015 14:56:40

### Middle Channel / 16QAM

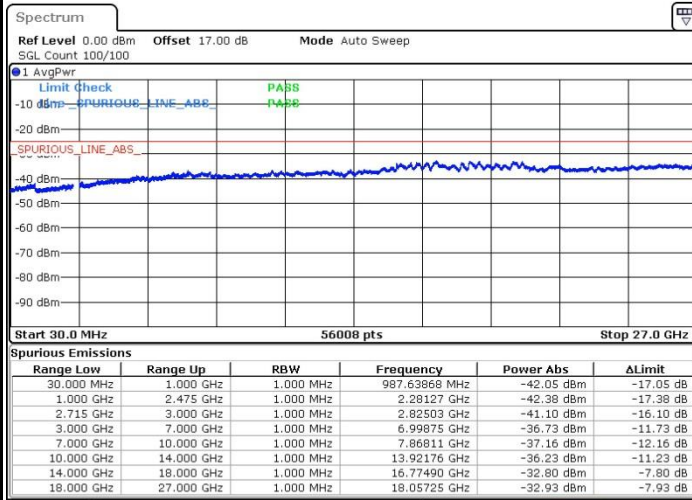


Date: 1.SEP.2015 14:57:35



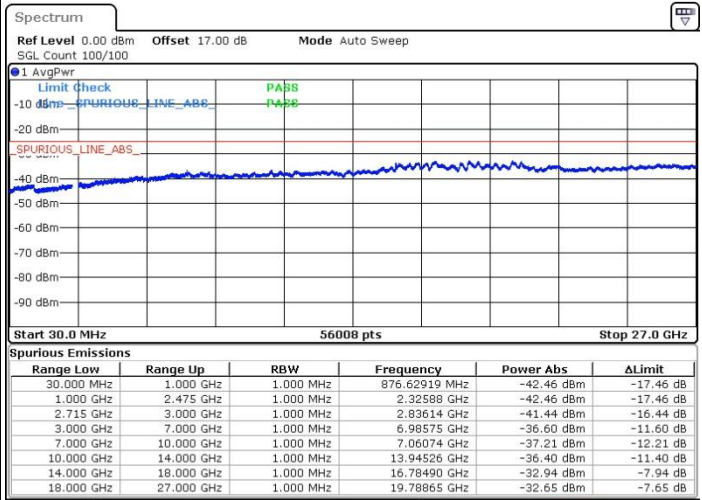
## LTE Band 41 / 5MHz

## Highest Channel / QPSK



Date: 1.SEP.2015 14:58:30

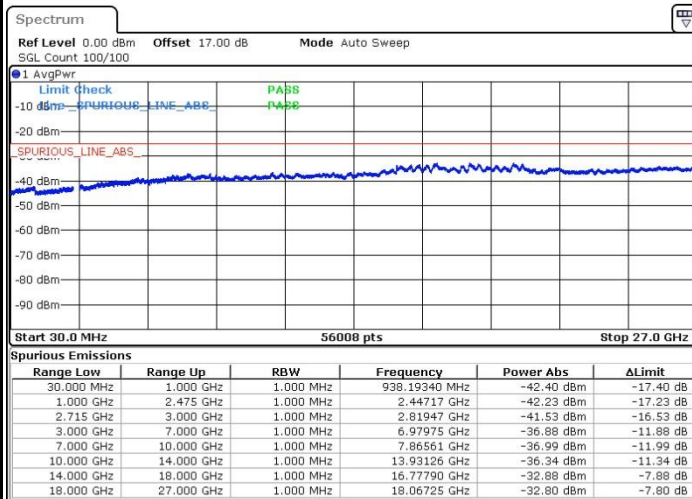
## Highest Channel / 16QAM



Date: 1.SEP.2015 14:59:25

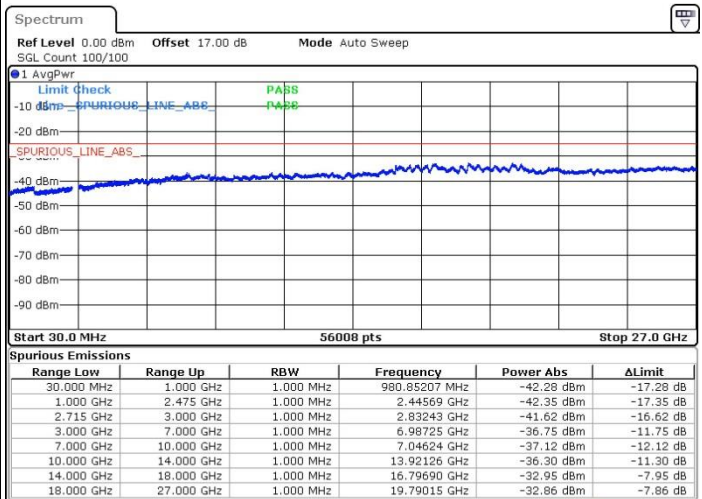
## LTE Band 41 / 10MHz

## Lowest Channel / QPSK



Date: 1.SEP.2015 15:00:20

## Lowest Channel / 16QAM

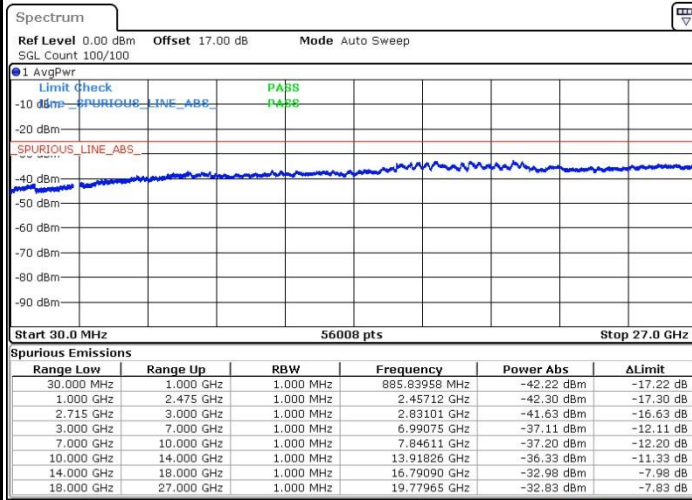


Date: 1.SEP.2015 15:01:14



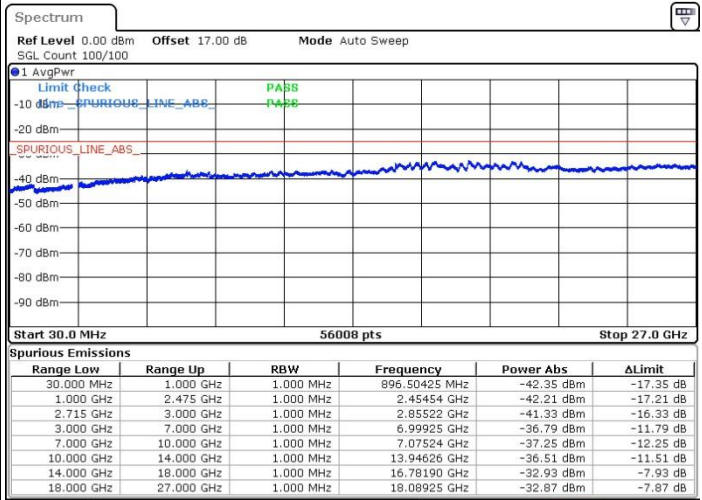
## LTE Band 41 / 10MHz

## Middle Channel / QPSK



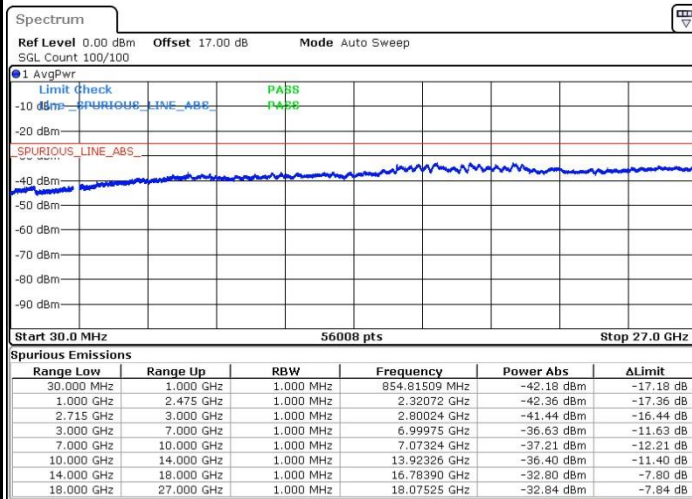
Date: 1.SEP.2015 15:02:09

## Middle Channel / 16QAM



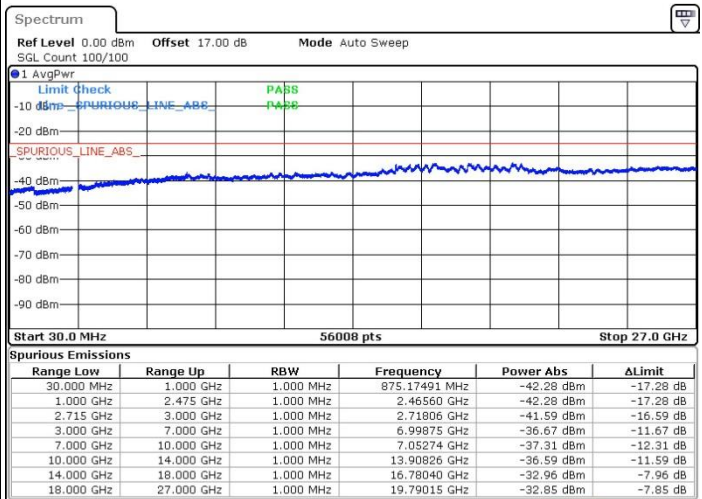
Date: 1.SEP.2015 15:03:04

## Highest Channel / QPSK



Date: 1.SEP.2015 15:03:59

## Highest Channel / 16QAM

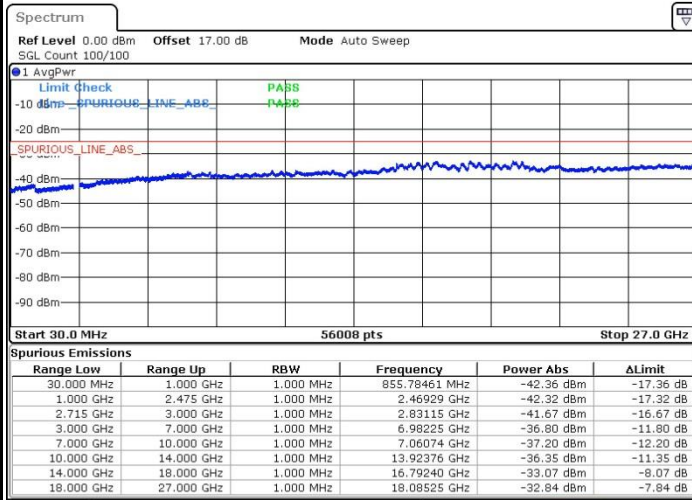


Date: 1.SEP.2015 15:04:54



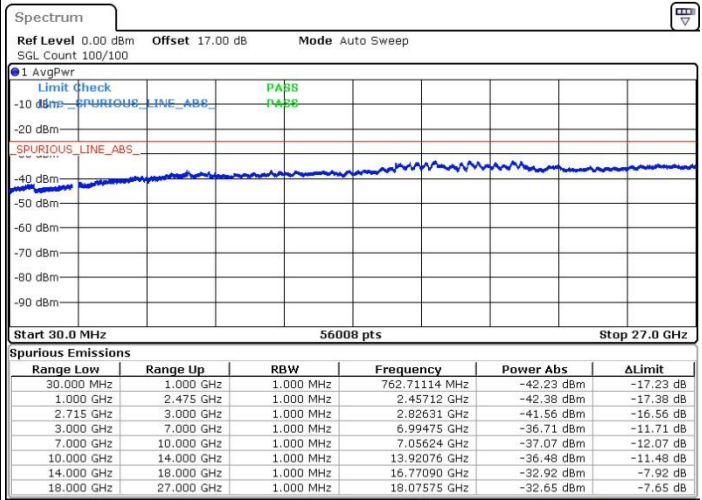
## LTE Band 41 / 15MHz

## Lowest Channel / QPSK



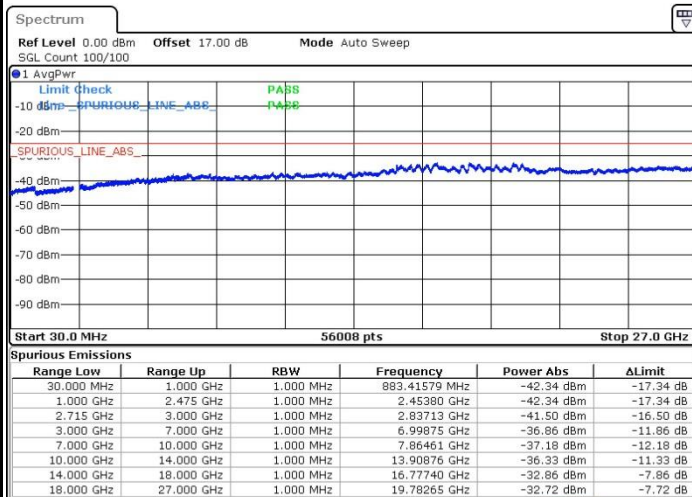
Date: 1.SEP.2015 15:05:49

## Lowest Channel / 16QAM



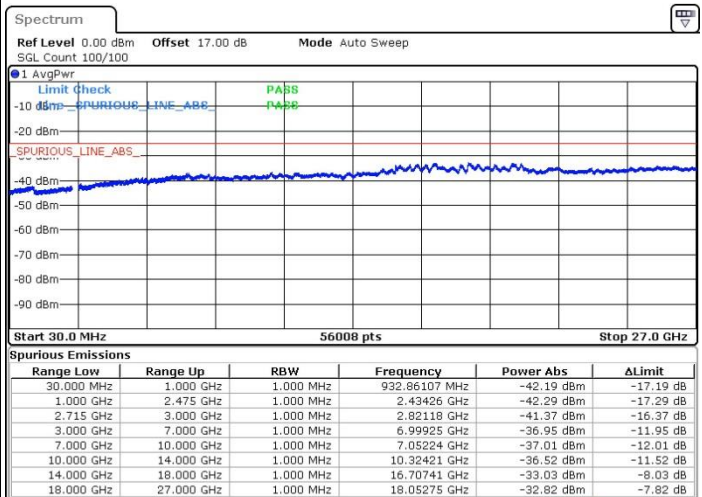
Date: 1.SEP.2015 15:06:44

## Middle Channel / QPSK



Date: 1.SEP.2015 15:07:39

## Middle Channel / 16QAM

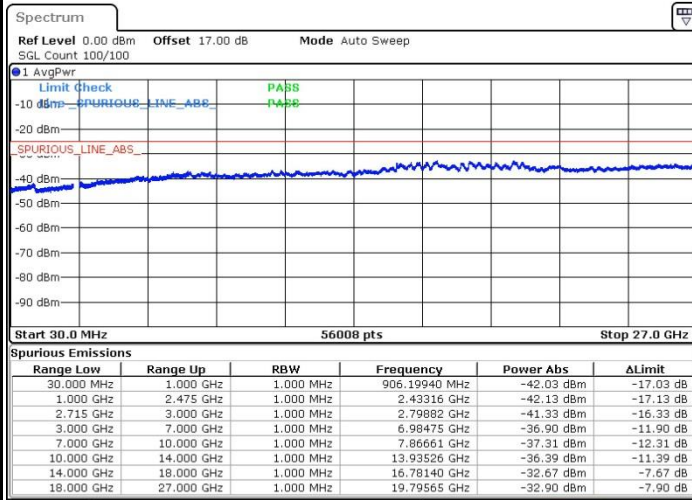


Date: 1.SEP.2015 15:08:34



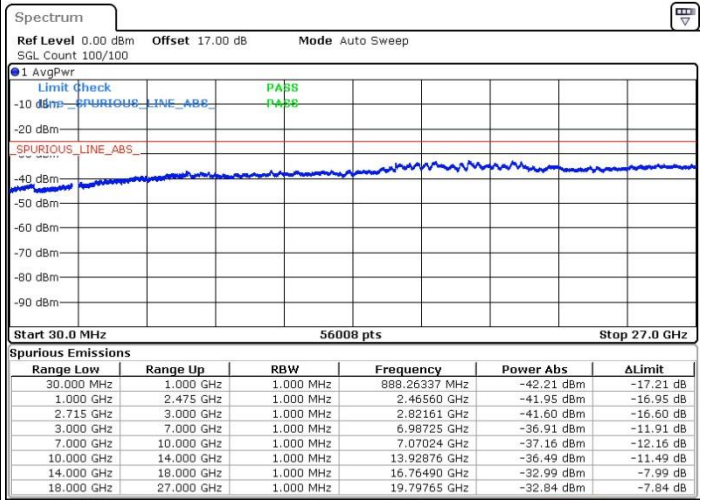
## LTE Band 41 / 15MHz

## Highest Channel / QPSK



Date: 1.SEP.2015 15:09:29

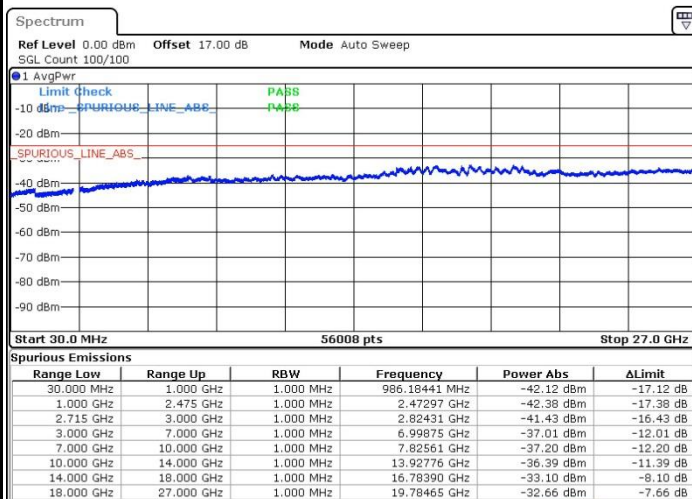
## Highest Channel / 16QAM



Date: 1.SEP.2015 15:10:24

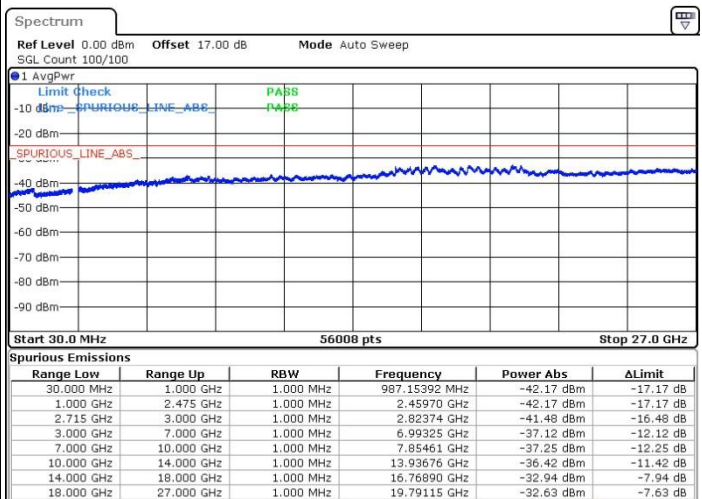
## LTE Band 41 / 20MHz

## Lowest Channel / QPSK



Date: 1.SEP.2015 15:11:19

## Lowest Channel / 16QAM

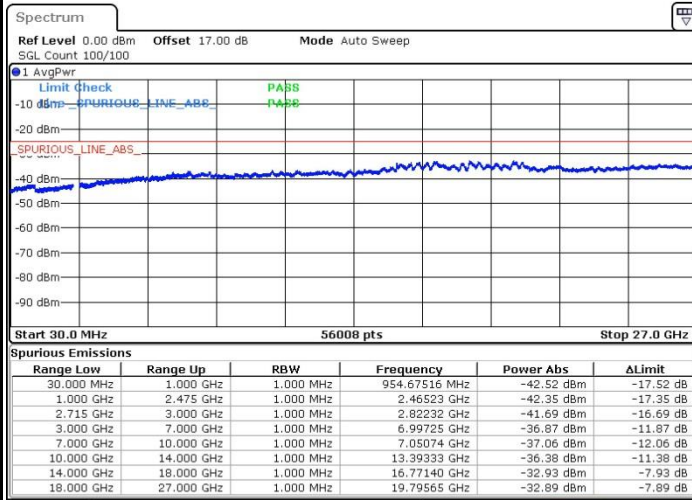


Date: 1.SEP.2015 15:12:13



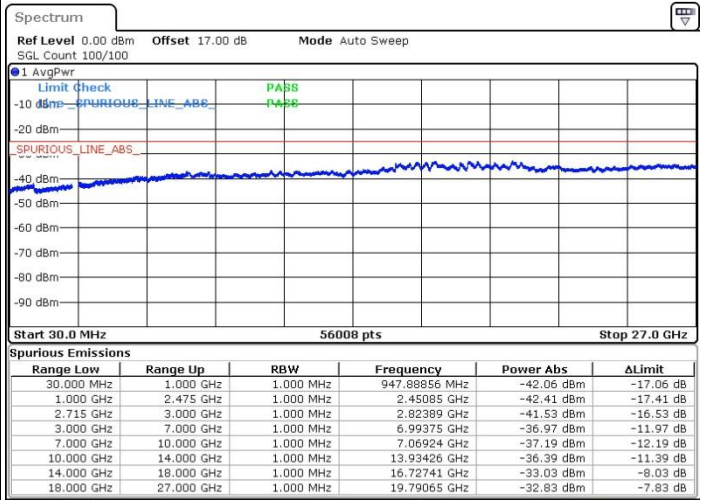
## LTE Band 41 / 20MHz

## Middle Channel / QPSK



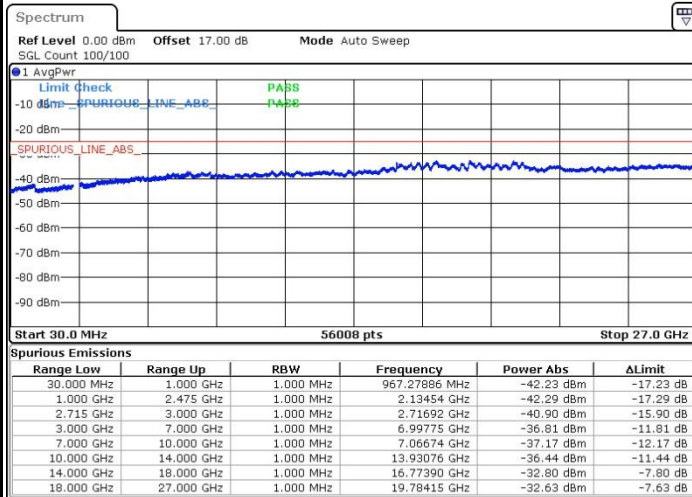
Date: 1.SEP.2015 15:13:08

## Middle Channel / 16QAM



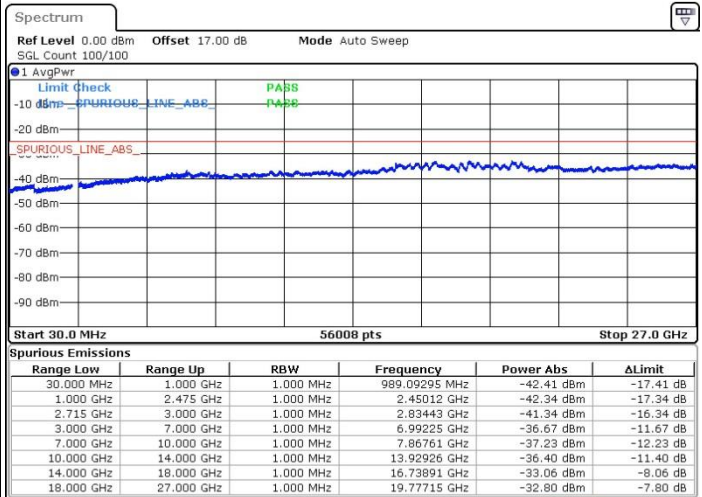
Date: 1.SEP.2015 15:14:03

## Highest Channel / QPSK



Date: 1.SEP.2015 15:14:58

## Highest Channel / 16QAM



Date: 1.SEP.2015 15:15:53

## Frequency Stability

| Test Conditions  |                   | LTE Band 41 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|-------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                            | Note 2. |
|                  |                   | Deviation (ppm)                     | Result  |
| 50               | Normal Voltage    | 0.0020                              | PASS    |
| 40               | Normal Voltage    | 0.0020                              |         |
| 30               | Normal Voltage    | 0.0007                              |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                              |         |
| 10               | Normal Voltage    | 0.0016                              |         |
| 0                | Normal Voltage    | 0.0012                              |         |
| -10              | Normal Voltage    | 0.0001                              |         |
| -20              | Normal Voltage    | 0.0021                              |         |
| -30              | Normal Voltage    | 0.0008                              |         |
| 20               | Maximum Voltage   | 0.0004                              |         |
| 20               | Normal Voltage    | 0.0000                              |         |
| 20               | Battery End Point | 0.0006                              |         |

**Note:**

1. Normal Voltage = 3.8V. ; Battery End Point (BEP) = 3.6 V. ; Maximum Voltage =4.2 V
2. The frequency fundamental emissions stay within the authorized frequency block.



## Appendix B. Test Results of Radiated Test

### ERP/EIRP

| LTE Band 5 / 1.4MHz |            |      |        |            |        |          |        |
|---------------------|------------|------|--------|------------|--------|----------|--------|
| Channel             | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                     |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest              | QPSK       | 1    | 0      | 18.61      | 0.0726 | 7.51     | 0.0056 |
| Middle              |            | 1    | 0      | 18.58      | 0.0721 | 7.90     | 0.0062 |
| Highest             |            | 1    | 0      | 17.66      | 0.0583 | 7.35     | 0.0054 |
| Lowest              | 16QAM      | 1    | 0      | 17.82      | 0.0605 | 6.83     | 0.0048 |
| Middle              |            | 1    | 0      | 17.72      | 0.0592 | 6.87     | 0.0049 |
| Highest             |            | 1    | 0      | 16.83      | 0.0482 | 6.52     | 0.0045 |
| Limit               | ERP < 7W   |      |        | Result     |        | PASS     |        |

| LTE Band 5 / 3MHz |            |      |        |            |        |          |        |
|-------------------|------------|------|--------|------------|--------|----------|--------|
| Channel           | Modulation | RB   |        | Horizontal |        | Vertical |        |
|                   |            | Size | Offset | ERP(dBm)   | ERP(W) | ERP(dBm) | ERP(W) |
| Lowest            | QPSK       | 1    | 0      | 18.64      | 0.0731 | 7.72     | 0.0059 |
| Middle            |            | 1    | 0      | 18.60      | 0.0724 | 8.09     | 0.0064 |
| Highest           |            | 1    | 0      | 18.06      | 0.0640 | 7.81     | 0.0060 |
| Lowest            | 16QAM      | 1    | 7      | 18.04      | 0.0637 | 7.25     | 0.0053 |
| Middle            |            | 1    | 7      | 17.99      | 0.0630 | 7.12     | 0.0052 |
| Highest           |            | 1    | 7      | 16.94      | 0.0494 | 6.70     | 0.0047 |
| Limit             | ERP < 7W   |      |        | Result     |        | PASS     |        |