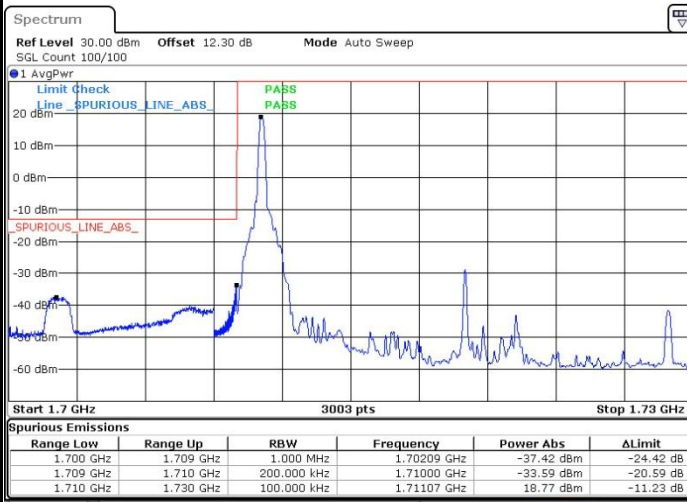




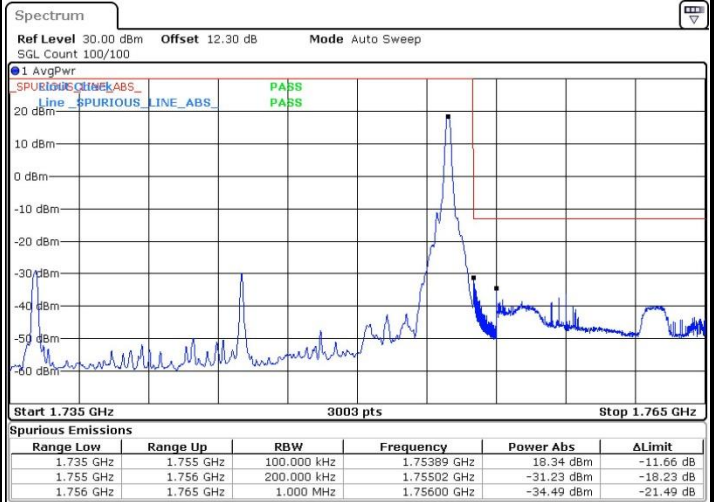
LTE Band 4 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



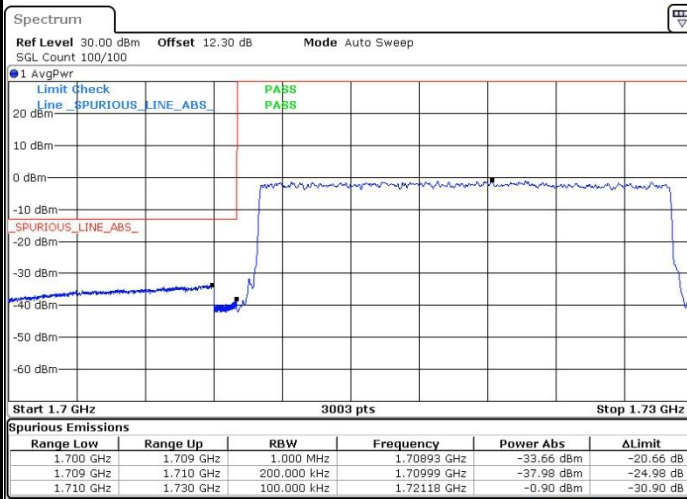
Date: 3.OCT.2015 10:45:57

Highest Band Edge / 1 RB



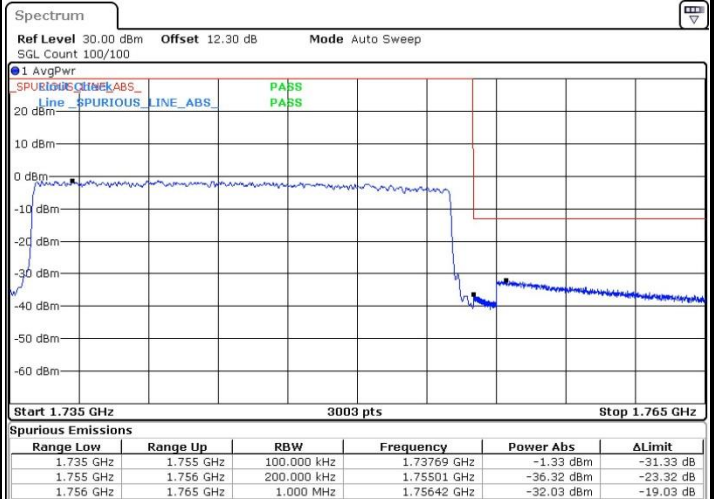
Date: 3.OCT.2015 10:55:37

Lowest Band Edge / Full RB



Date: 3.OCT.2015 10:48:15

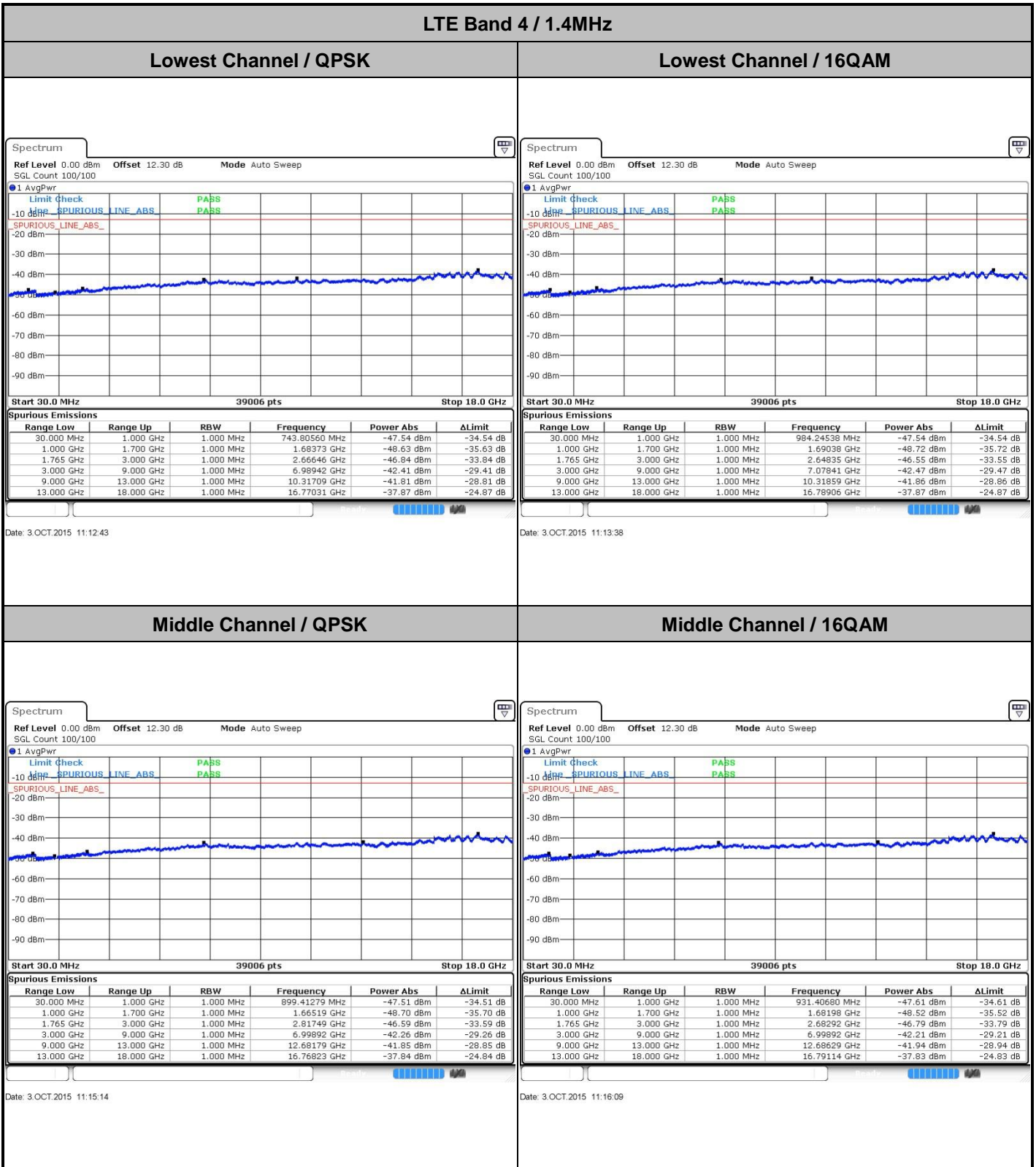
Highest Band Edge / Full RB



Date: 3.OCT.2015 10:57:56



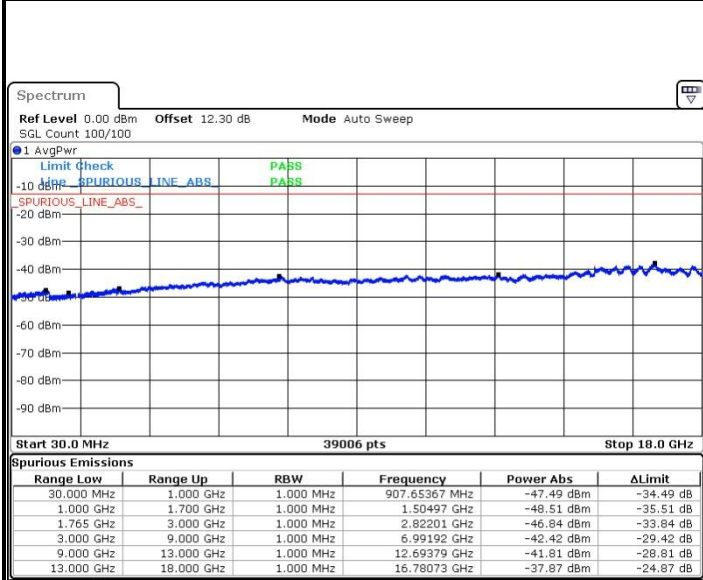
# Conducted Spurious Emission





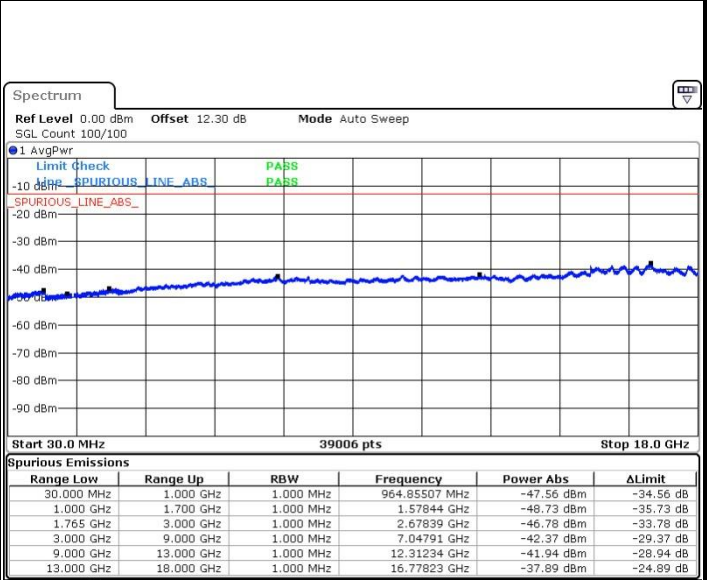
LTE Band 4 / 1.4MHz

Highest Channel / QPSK



Date: 3.OCT.2015 11:22:23

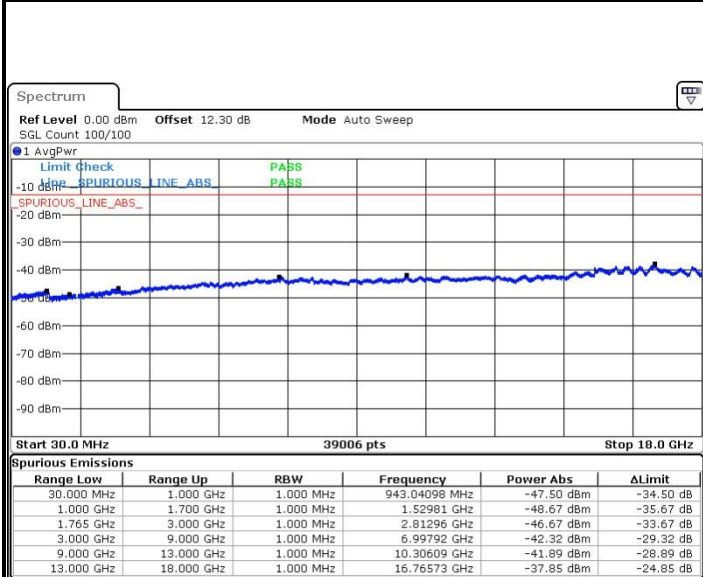
Highest Channel / 16QAM



Date: 3.OCT.2015 11:23:18

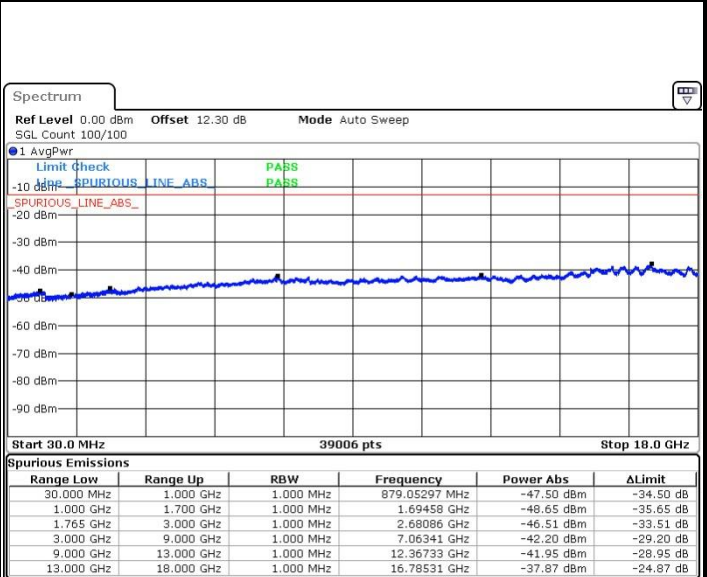
LTE Band 4 / 3MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 09:41:52

Lowest Channel / 16QAM



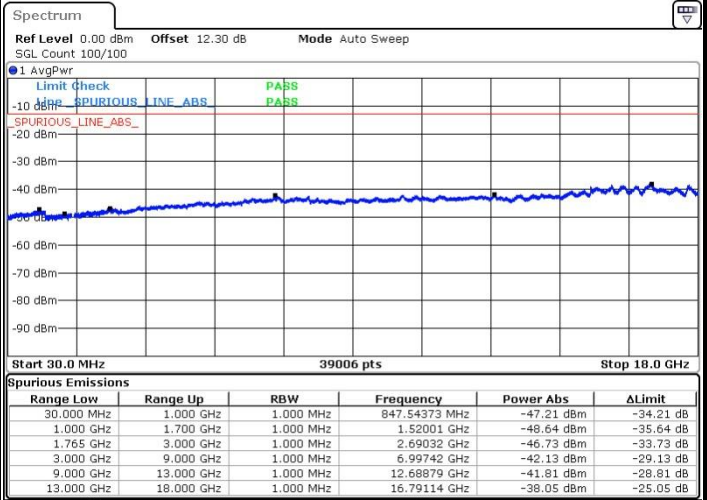
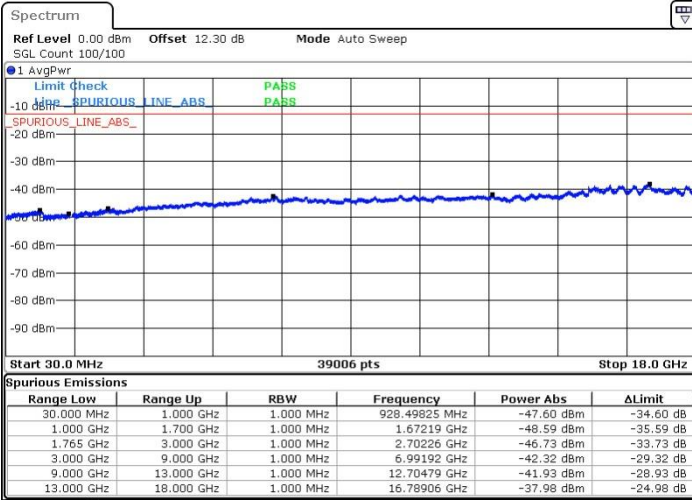
Date: 3.OCT.2015 09:42:46



LTE Band 4 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

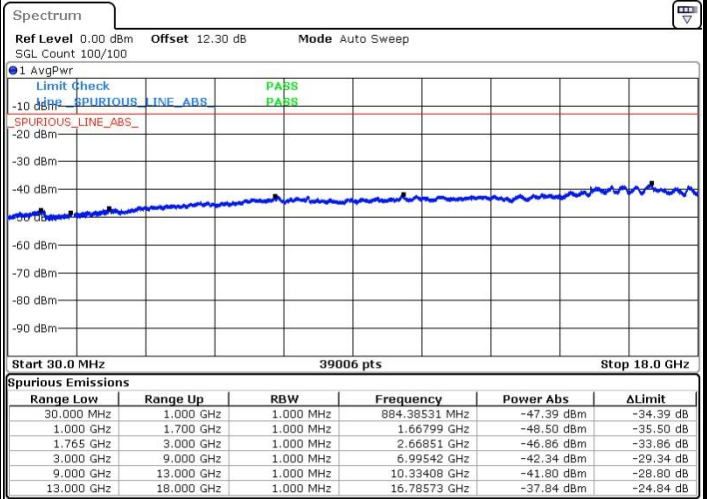
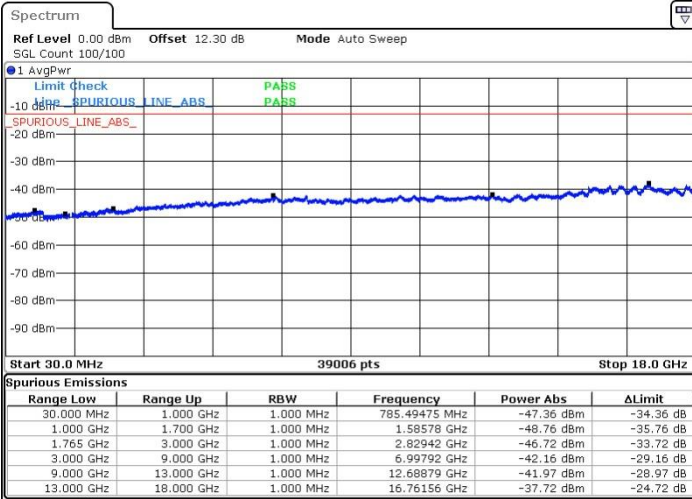


Date: 3.OCT.2015 09:44:24

Date: 3.OCT.2015 09:45:18

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.OCT.2015 09:51:33

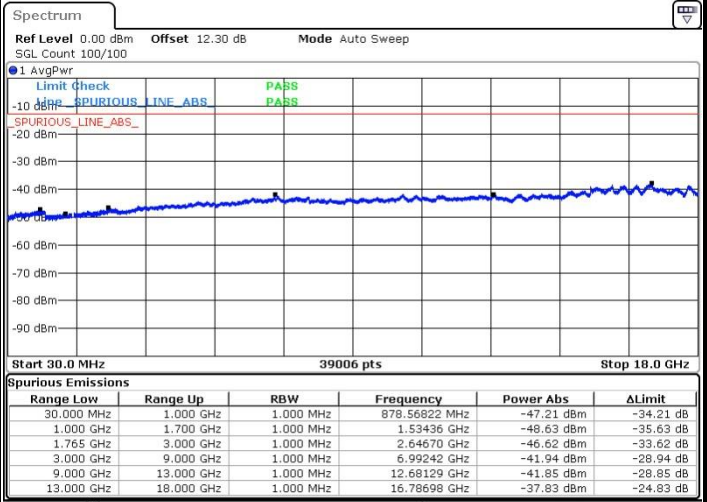
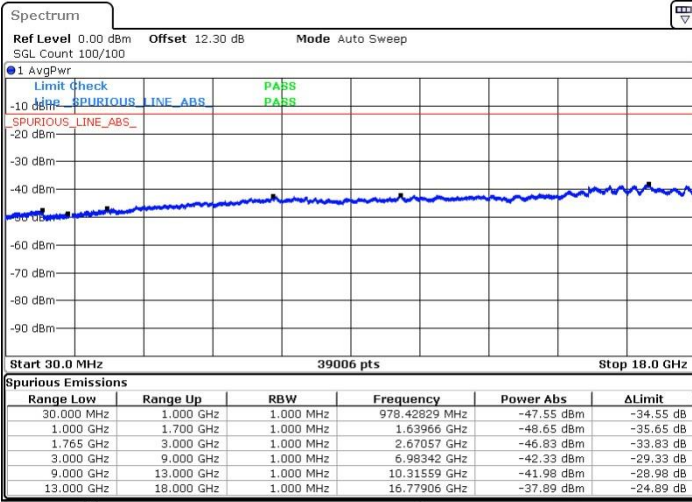
Date: 3.OCT.2015 09:52:28



LTE Band 4 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

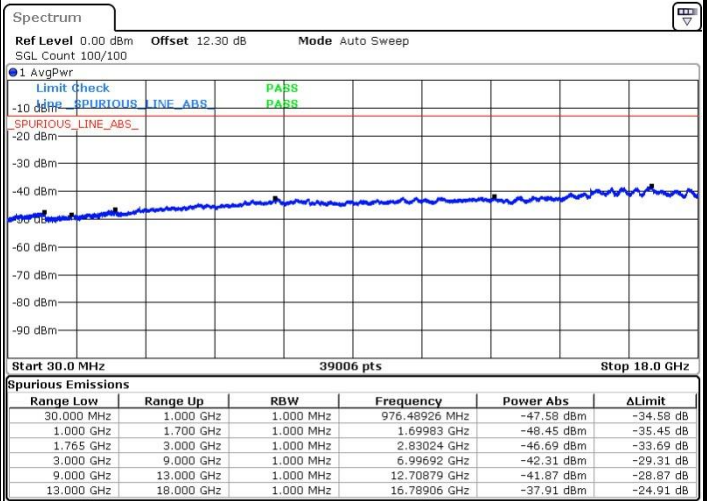
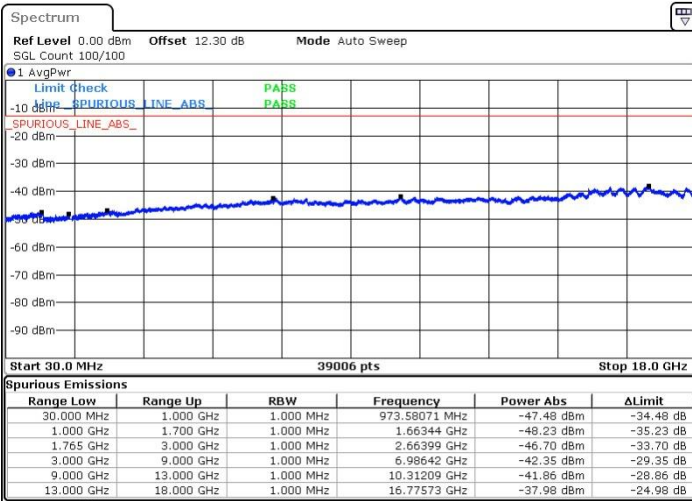


Date: 3.OCT.2015 09:58:42

Date: 3.OCT.2015 09:59:37

Middle Channel / QPSK

Middle Channel / 16QAM



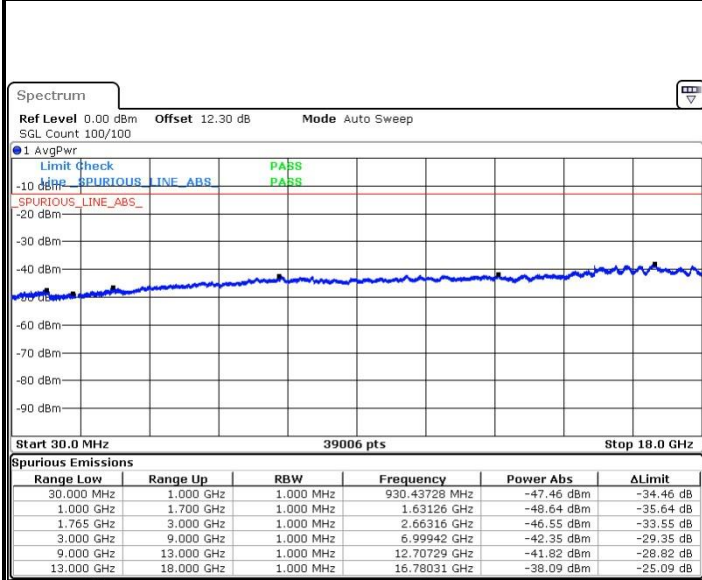
Date: 3.OCT.2015 10:01:14

Date: 3.OCT.2015 10:02:08



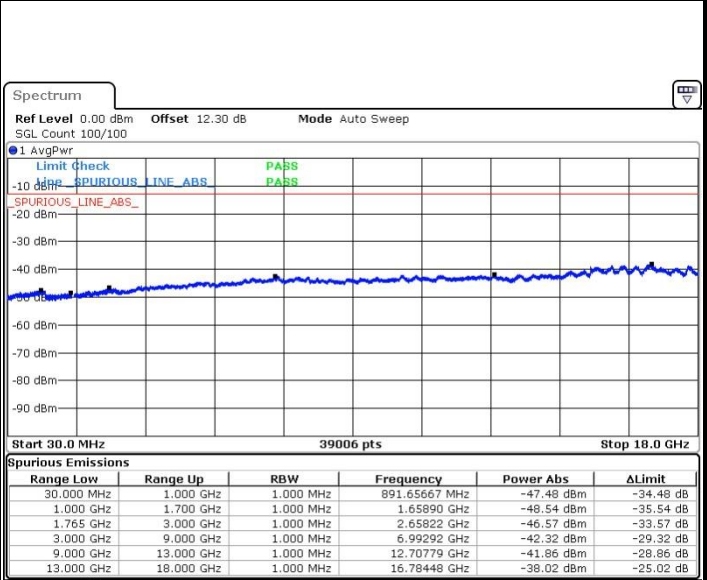
LTE Band 4 / 5MHz

Highest Channel / QPSK



Date: 3.OCT.2015 10:08:22

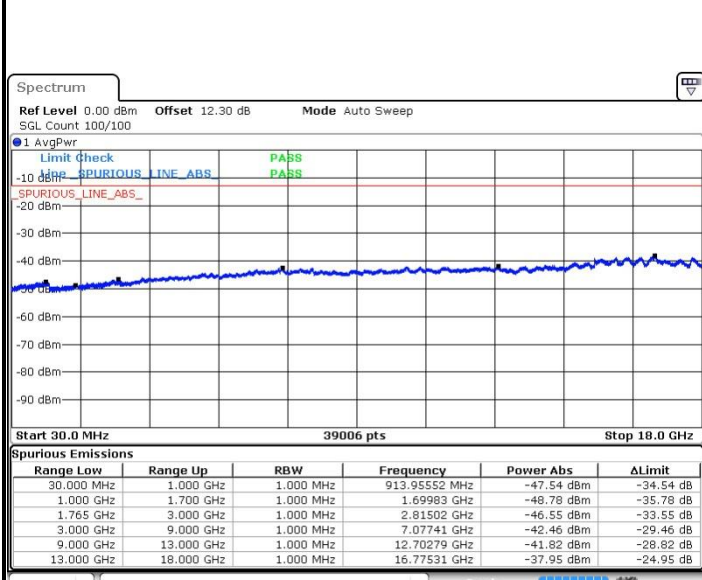
Highest Channel / 16QAM



Date: 3.OCT.2015 10:09:17

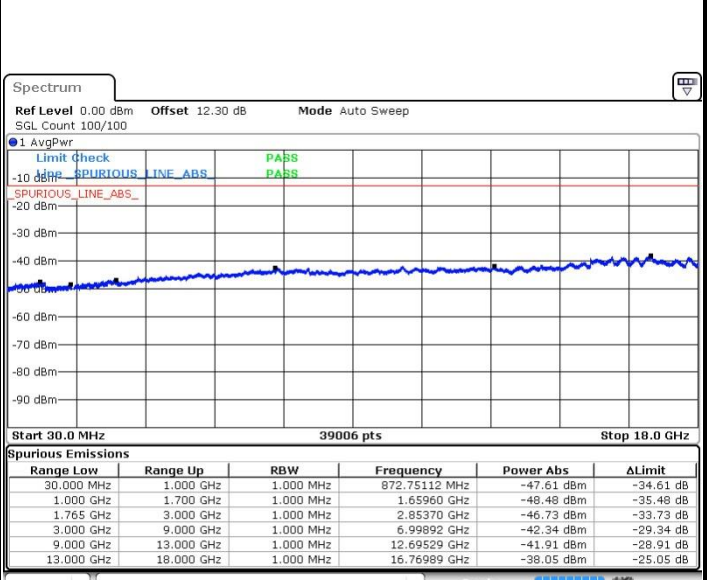
LTE Band 4 / 10MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 10:15:31

Lowest Channel / 16QAM



Date: 3.OCT.2015 10:16:26

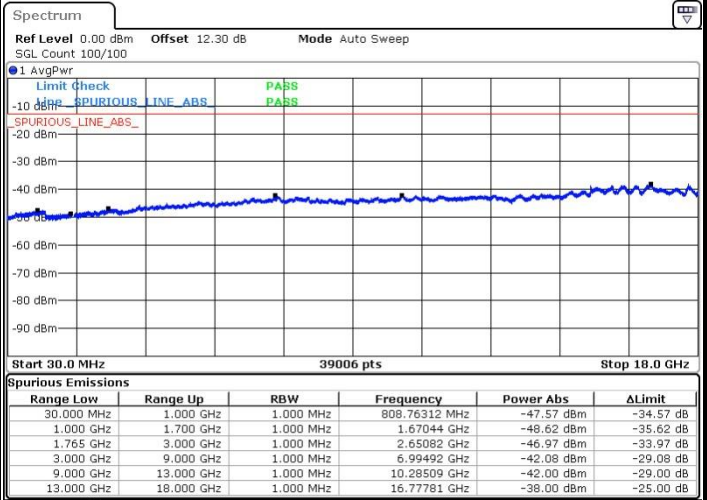
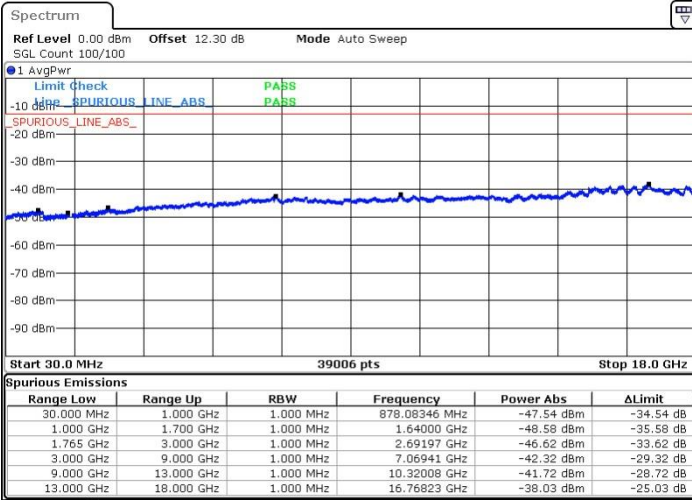




LTE Band 4 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

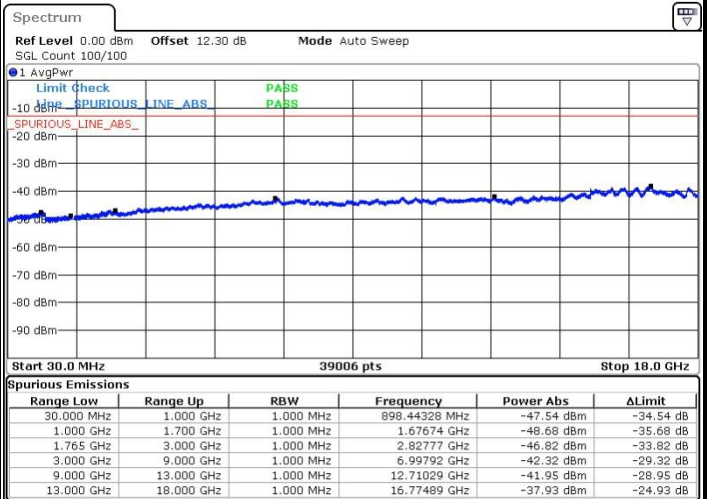
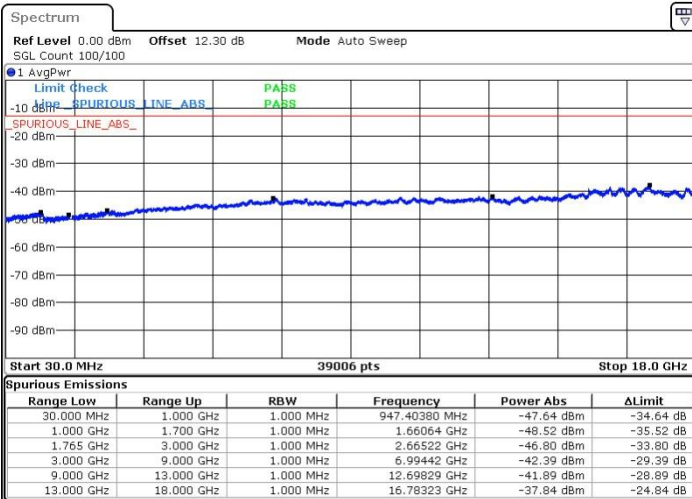


Date: 3.OCT.2015 10:18:03

Date: 3.OCT.2015 10:18:58

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.OCT.2015 10:25:12

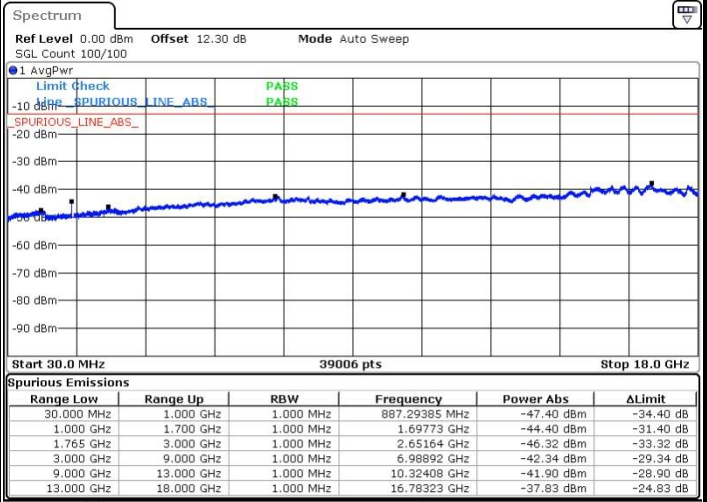
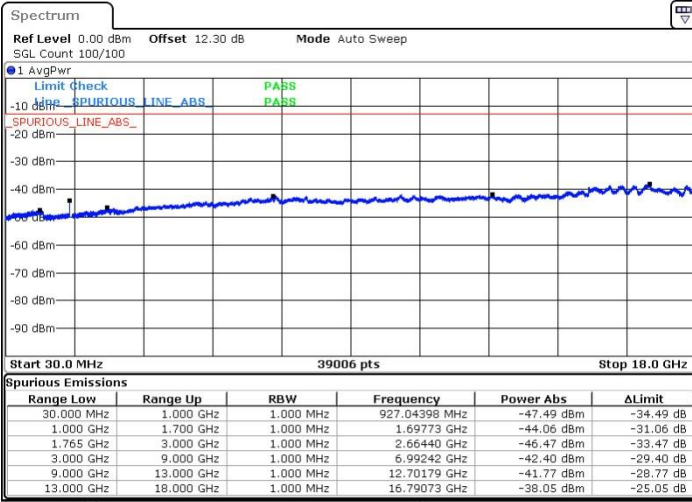
Date: 3.OCT.2015 10:26:07



LTE Band 4 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

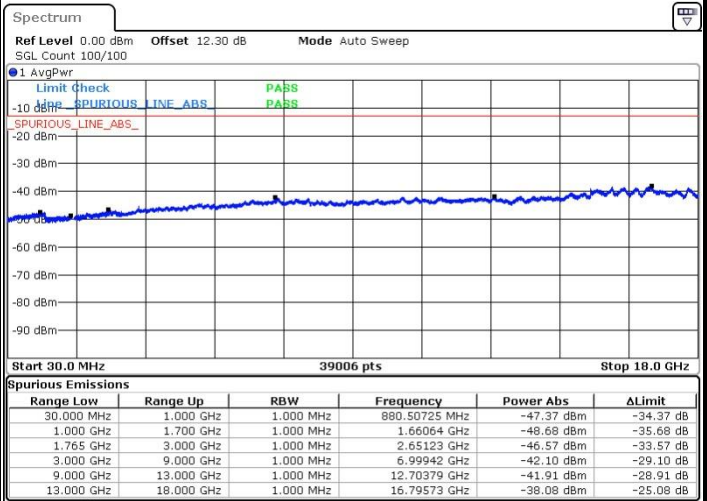
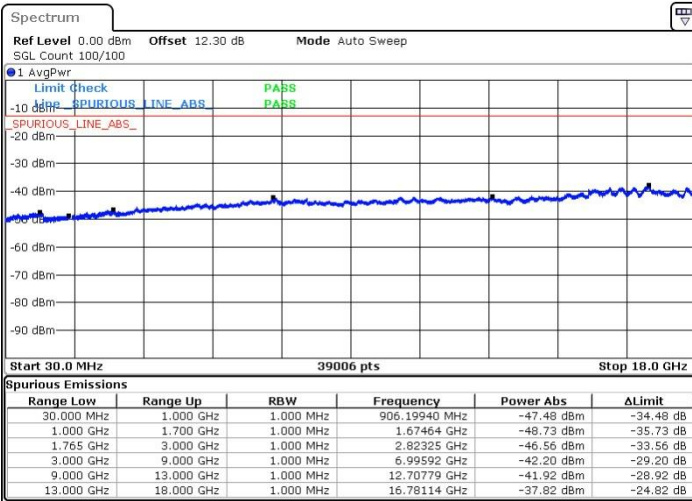


Date: 3.OCT.2015 10:32:21

Date: 3.OCT.2015 10:33:16

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 3.OCT.2015 10:34:53

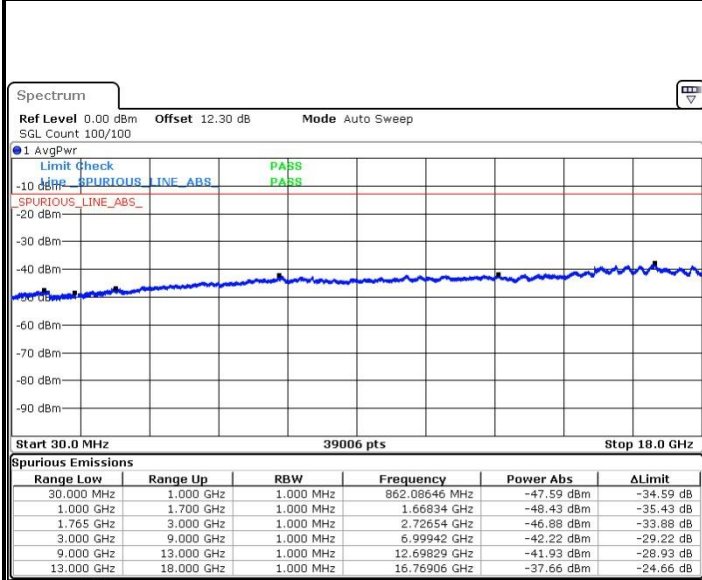
Date: 3.OCT.2015 10:35:47





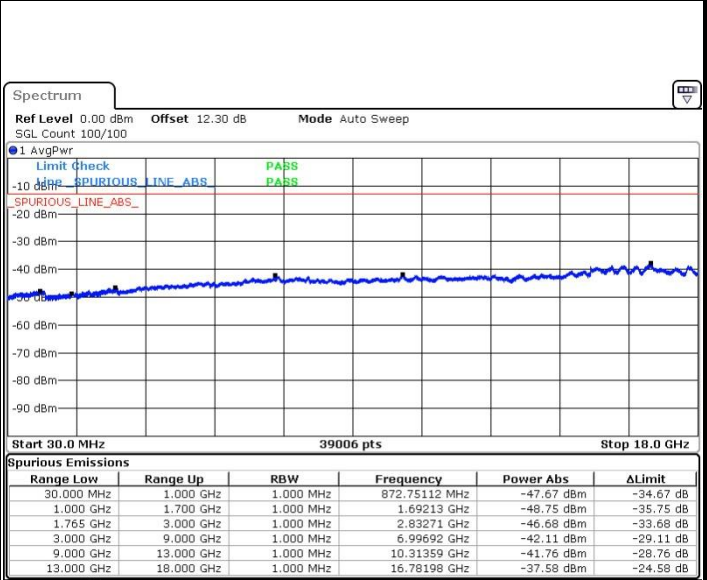
LTE Band 4 / 15MHz

Highest Channel / QPSK



Date: 3.OCT.2015 10:42:01

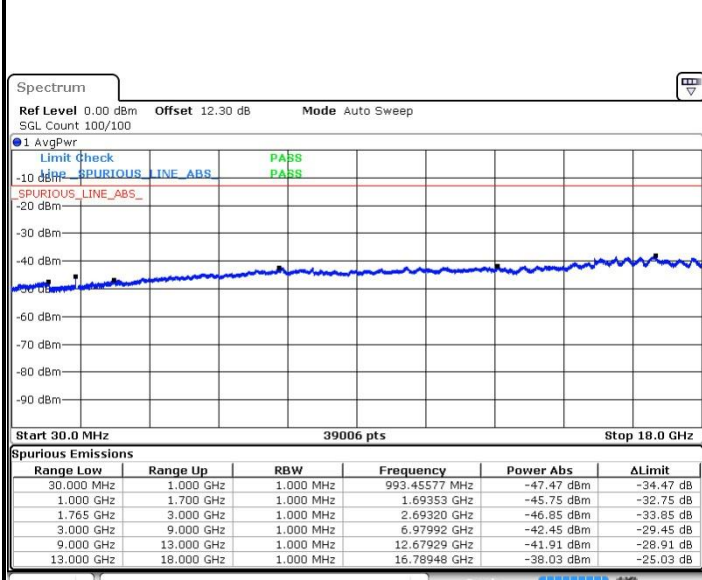
Highest Channel / 16QAM



Date: 3.OCT.2015 10:42:56

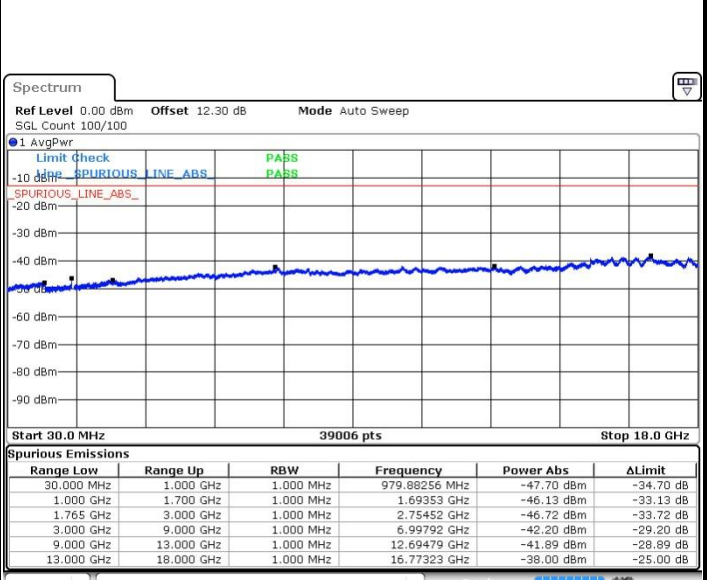
LTE Band 4 / 20MHz

Lowest Channel / QPSK



Date: 3.OCT.2015 10:49:10

Lowest Channel / 16QAM



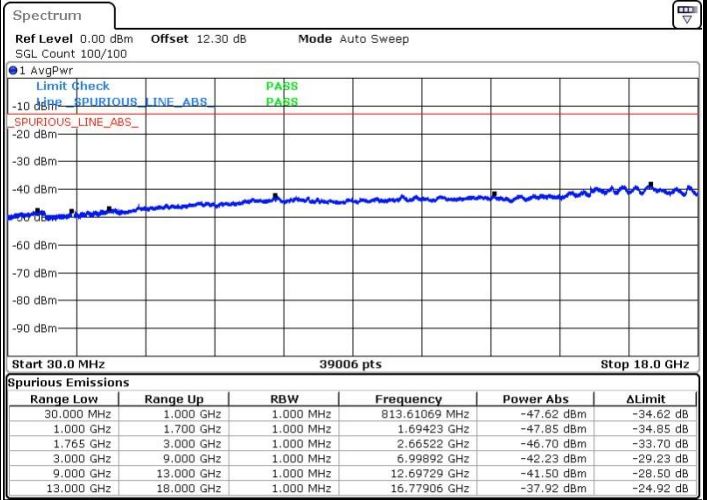
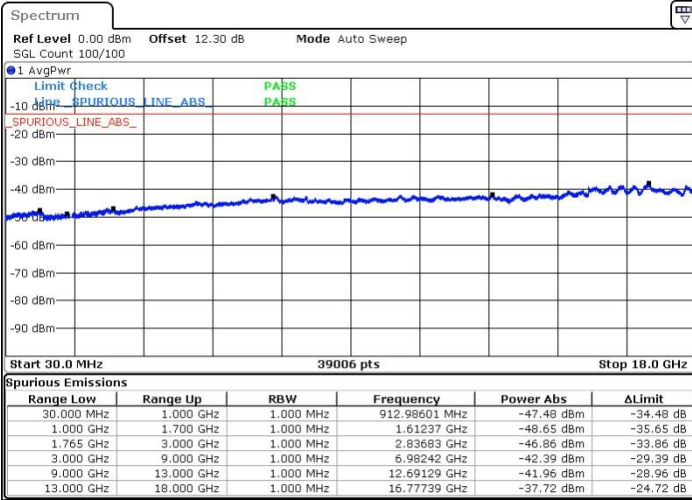
Date: 3.OCT.2015 10:50:05



LTE Band 4 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

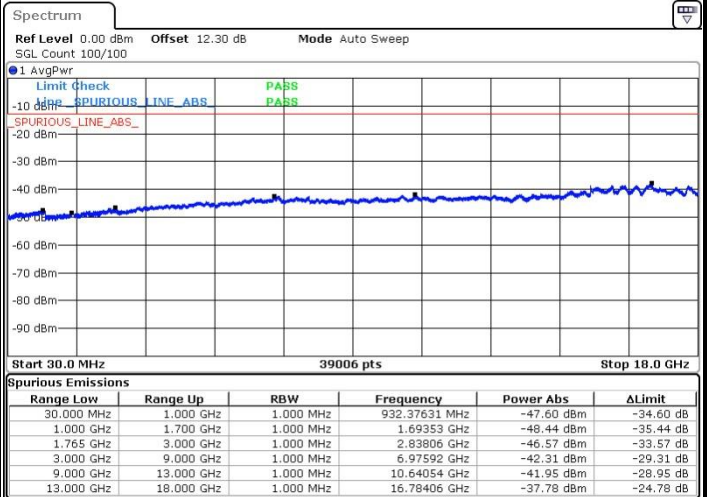
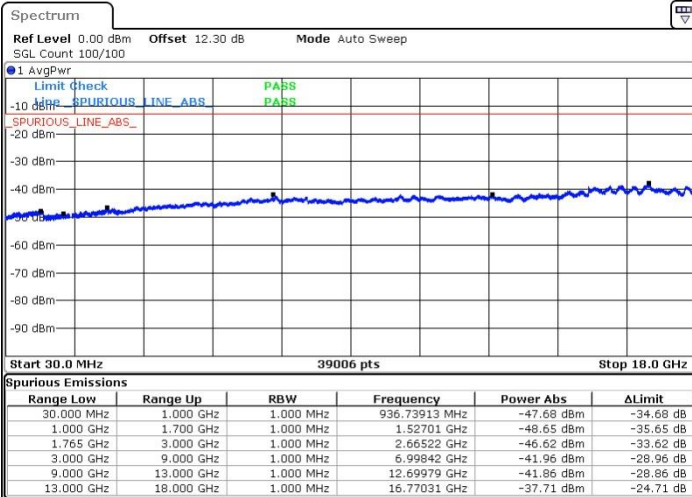


Date: 3.OCT.2015 10:51:42

Date: 3.OCT.2015 10:52:37

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 3.OCT.2015 10:58:51

Date: 3.OCT.2015 10:59:46



**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    | 0.0091                             | PASS    |
| 40               | Normal Voltage    | 0.0006                             |         |
| 30               | Normal Voltage    | 0.0076                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0070                             |         |
| 0                | Normal Voltage    | 0.0013                             |         |
| -10              | Normal Voltage    | 0.0078                             |         |
| -20              | Normal Voltage    | 0.0084                             |         |
| -30              | Normal Voltage    | 0.0062                             |         |
| 20               | Maximum Voltage   | 0.0076                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0064                             |         |

**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.



## LTE Band 5

### Peak-to-Average Ratio

| Mode       | LTE Band 5 / 10MHz |         |       |         |             |
|------------|--------------------|---------|-------|---------|-------------|
| Mod.       | QPSK               |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 4.72               | 5.51    | 5.65  | 6.17    | <b>PASS</b> |
| Middle CH  | 5.01               | 5.25    | 6     | 6.2     |             |
| Highest CH | 4.78               | 5.48    | 5.51  | 6.26    |             |



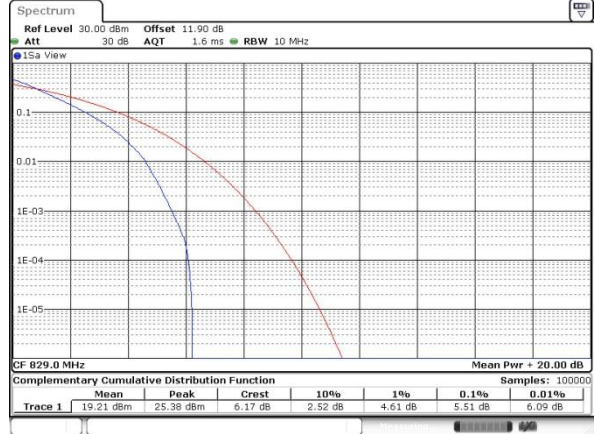
LTE Band 5 / 10MHz / QPSK

Lowest Channel / 1RB



Date: 3.OCT.2015 15:09:44

Lowest Channel / Full RB



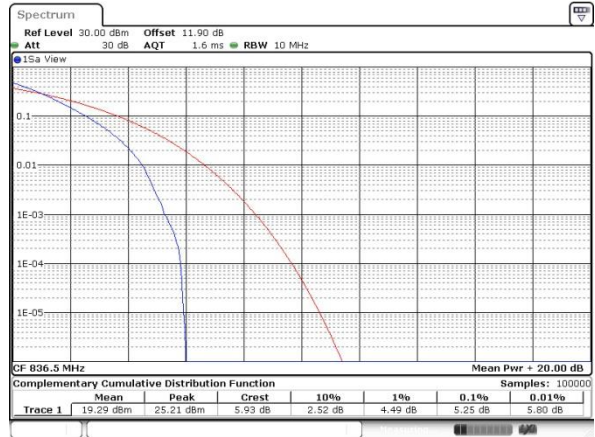
Date: 3.OCT.2015 15:10:56

Middle Channel / 1RB



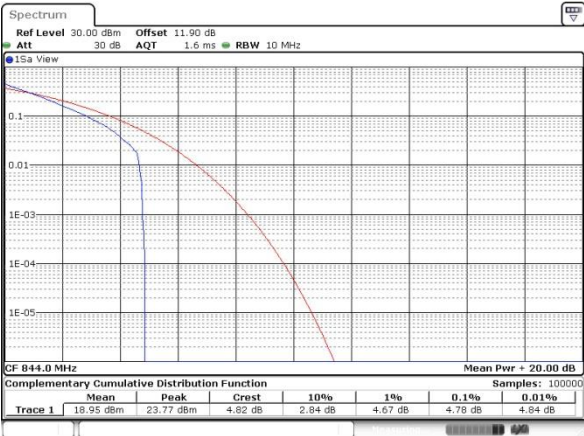
Date: 3.OCT.2015 15:11:07

Middle Channel / Full RB



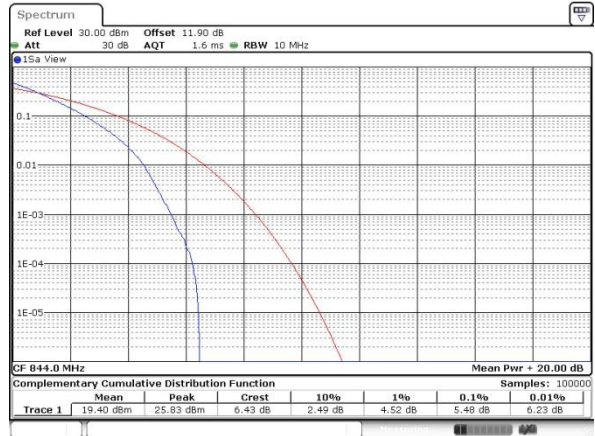
Date: 3.OCT.2015 15:11:17

Highest Channel / 1RB



Date: 3.OCT.2015 15:11:26

Highest Channel / Full RB



Date: 3.OCT.2015 15:11:56