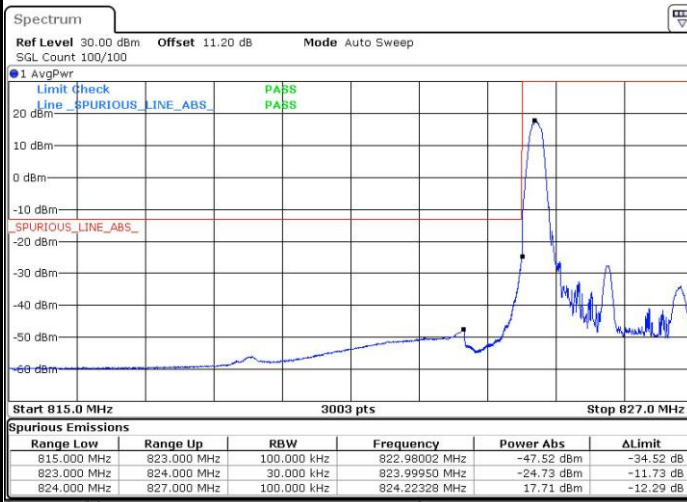




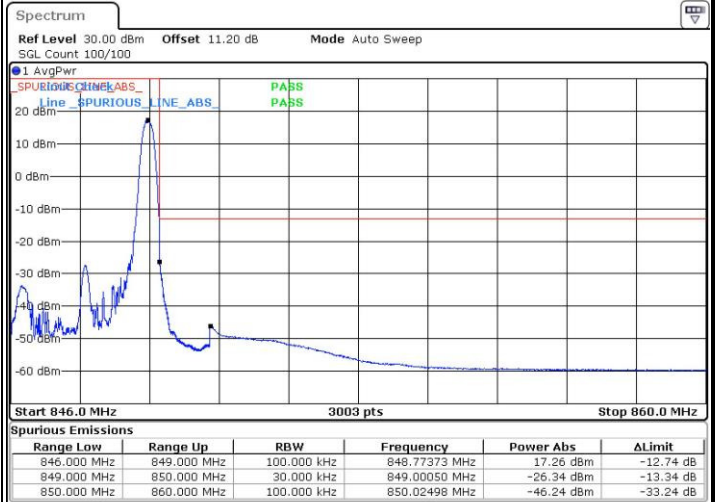
LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



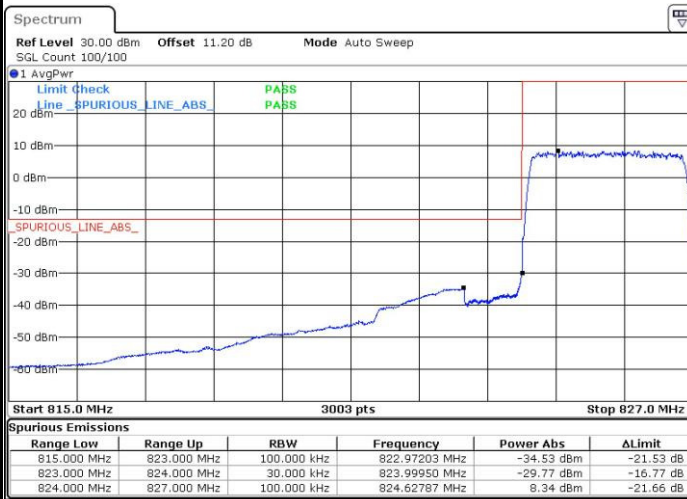
Date: 16.APR.2016 03:49:34

Highest Band Edge / 1 RB



Date: 16.APR.2016 04:03:12

Lowest Band Edge / Full RB



Date: 16.APR.2016 03:53:39

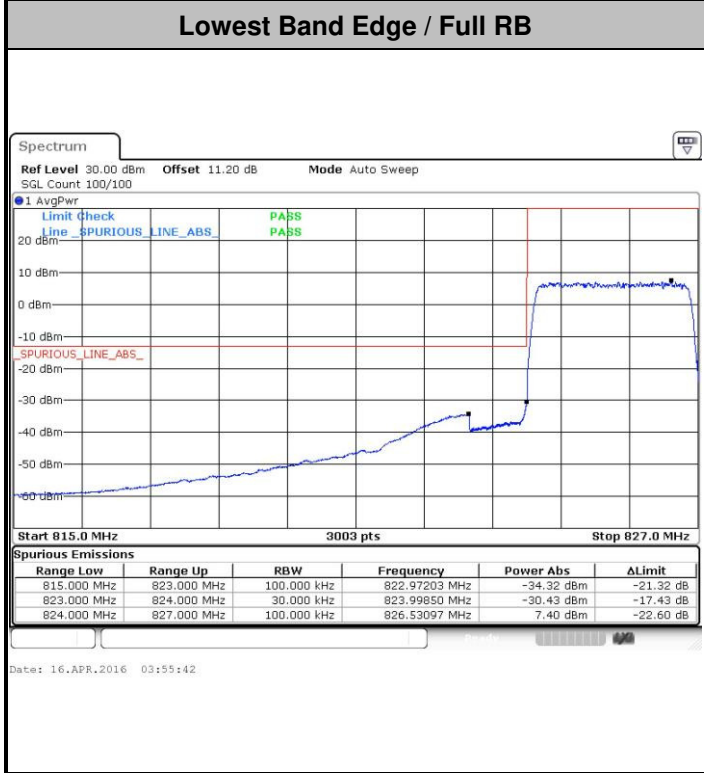
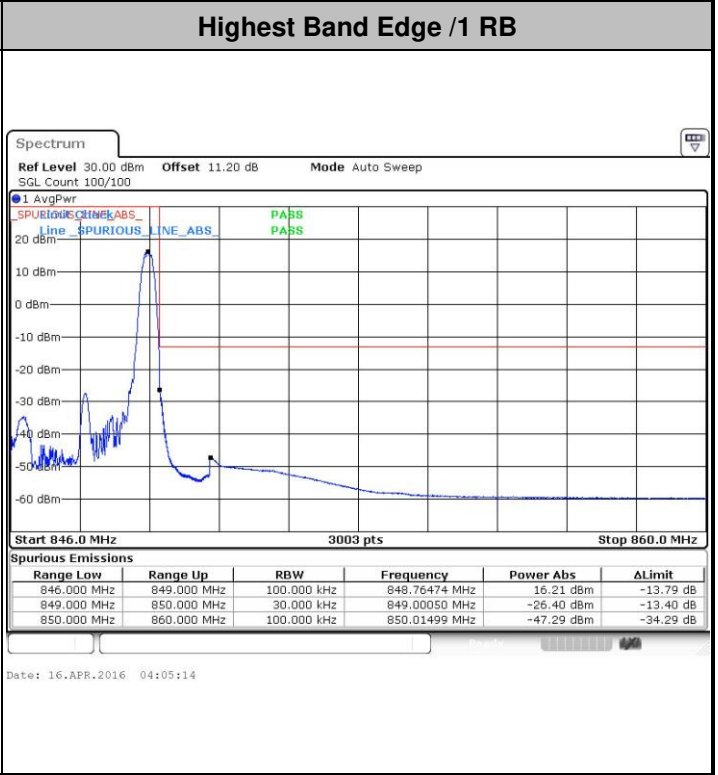
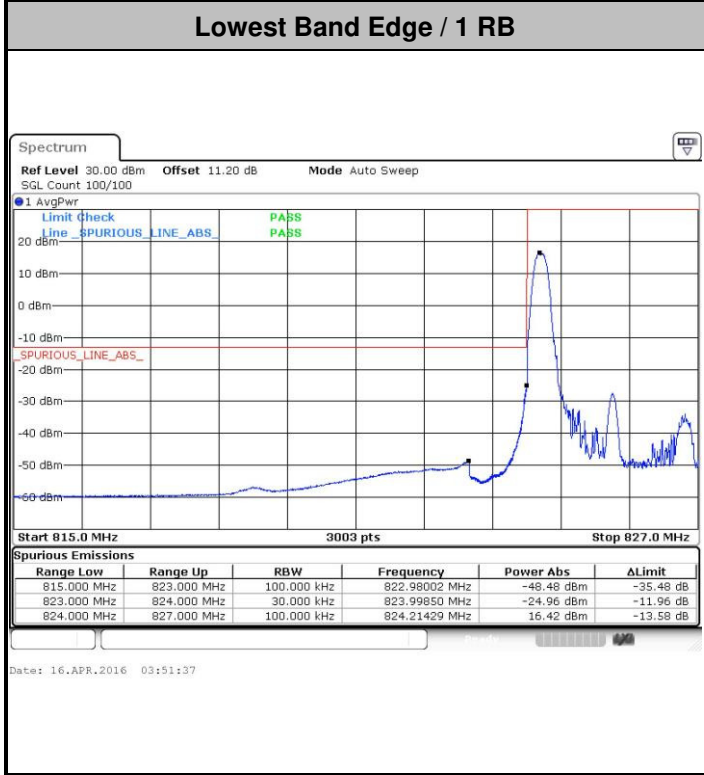
Highest Band Edge / Full RB



Date: 16.APR.2016 04:07:17



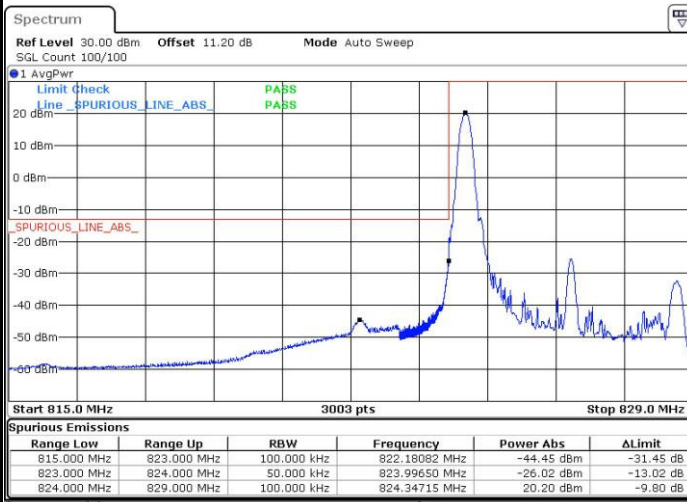
**LTE Band 5 / 3MHz / 16QAM**





LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



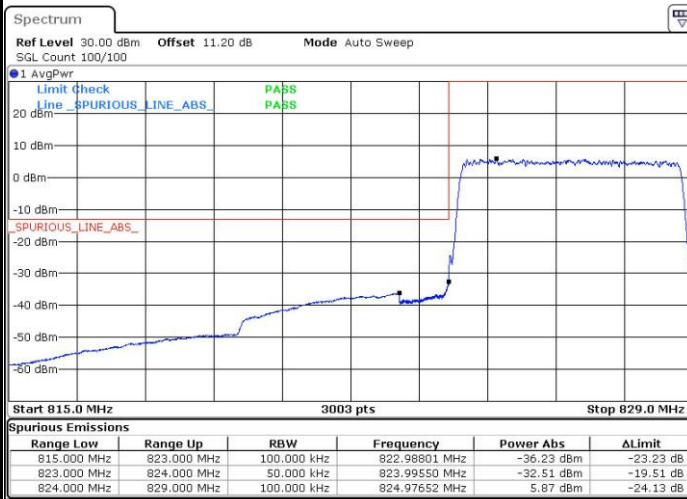
Date: 16.APR.2016 04:14:05

Highest Band Edge / 1 RB



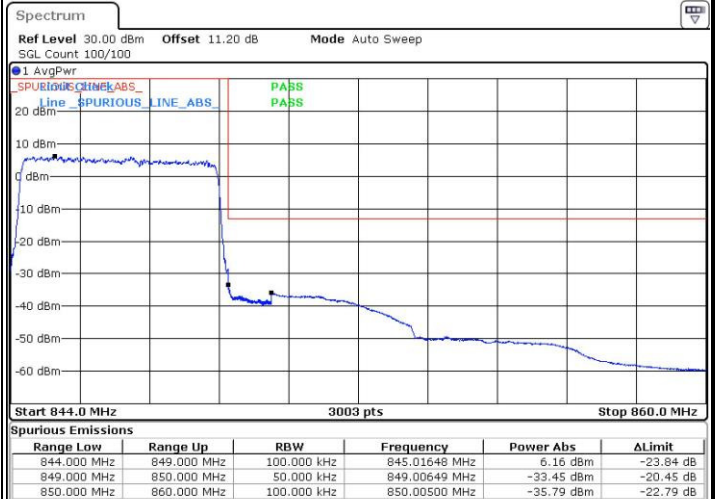
Date: 16.APR.2016 04:27:43

Lowest Band Edge / Full RB



Date: 16.APR.2016 04:18:10

Highest Band Edge / Full RB

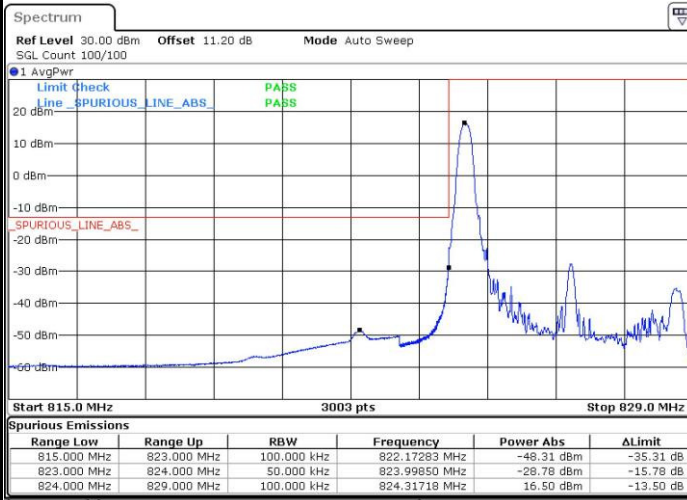


Date: 16.APR.2016 04:31:48



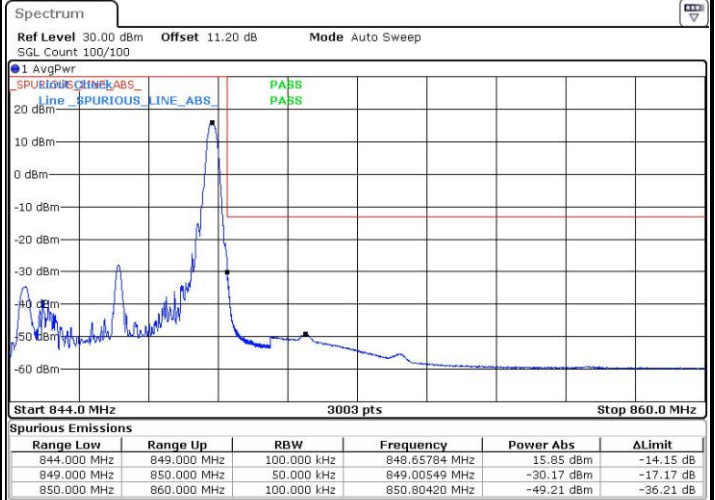
LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



Date: 16.APR.2016 04:16:08

Highest Band Edge / 1 RB



Date: 16.APR.2016 04:29:46

Lowest Band Edge / Full RB



Date: 16.APR.2016 04:20:13

Highest Band Edge / Full RB

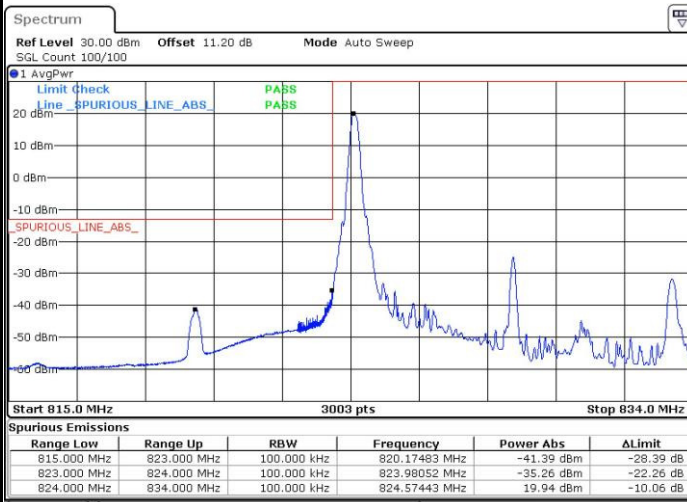


Date: 16.APR.2016 04:33:50



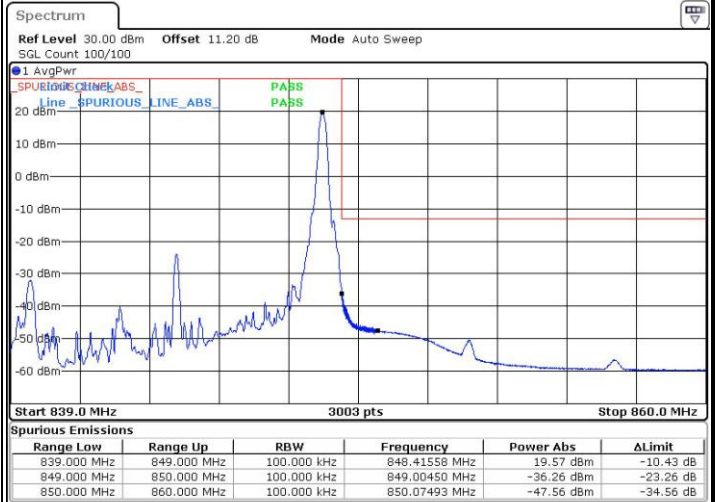
LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



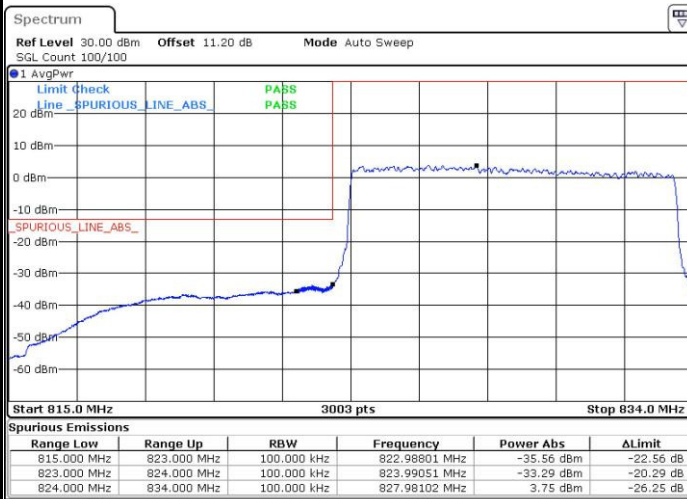
Date: 16.APR.2016 04:38:37

Highest Band Edge / 1 RB



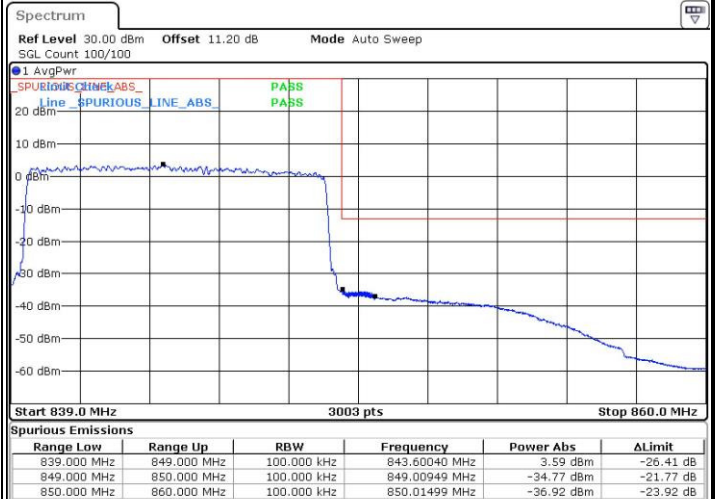
Date: 16.APR.2016 04:52:14

Lowest Band Edge / Full RB



Date: 16.APR.2016 04:42:42

Highest Band Edge / Full RB

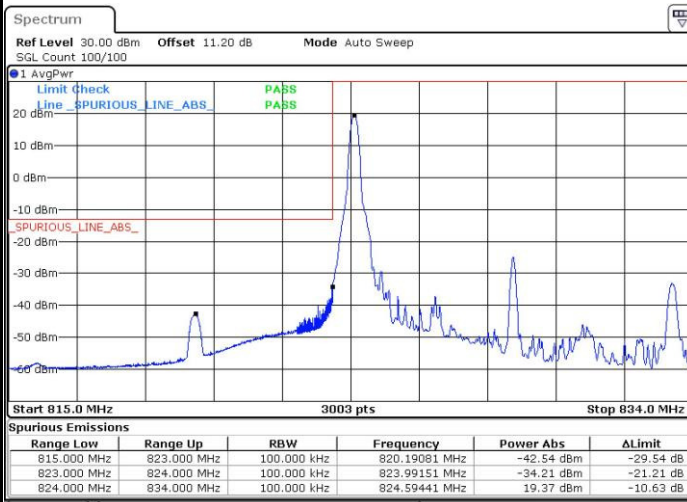


Date: 16.APR.2016 04:56:19



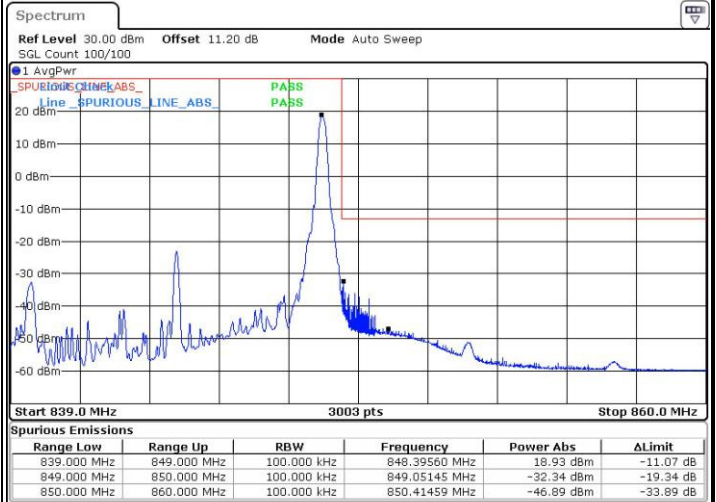
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



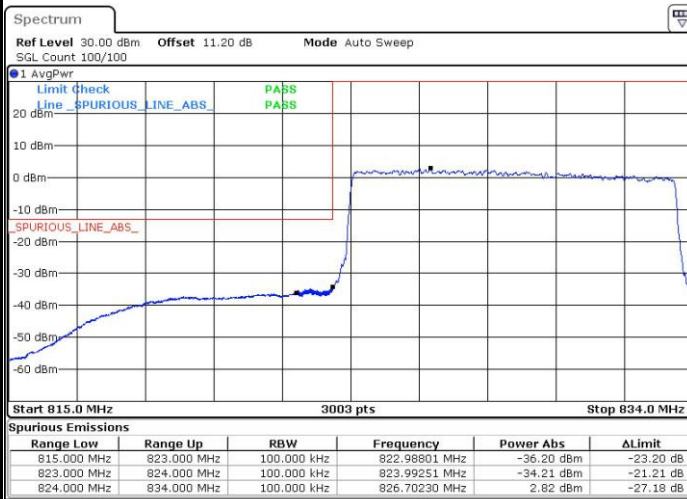
Date: 16.APR.2016 04:40:39

Highest Band Edge / 1 RB



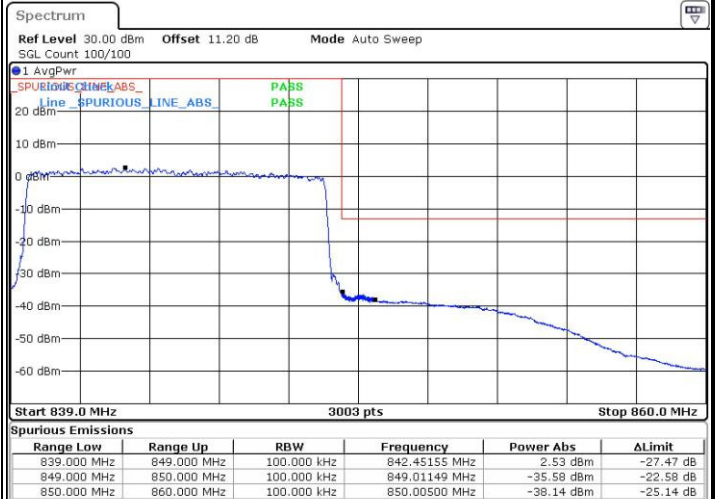
Date: 16.APR.2016 04:54:17

Lowest Band Edge / Full RB



Date: 16.APR.2016 04:48:44

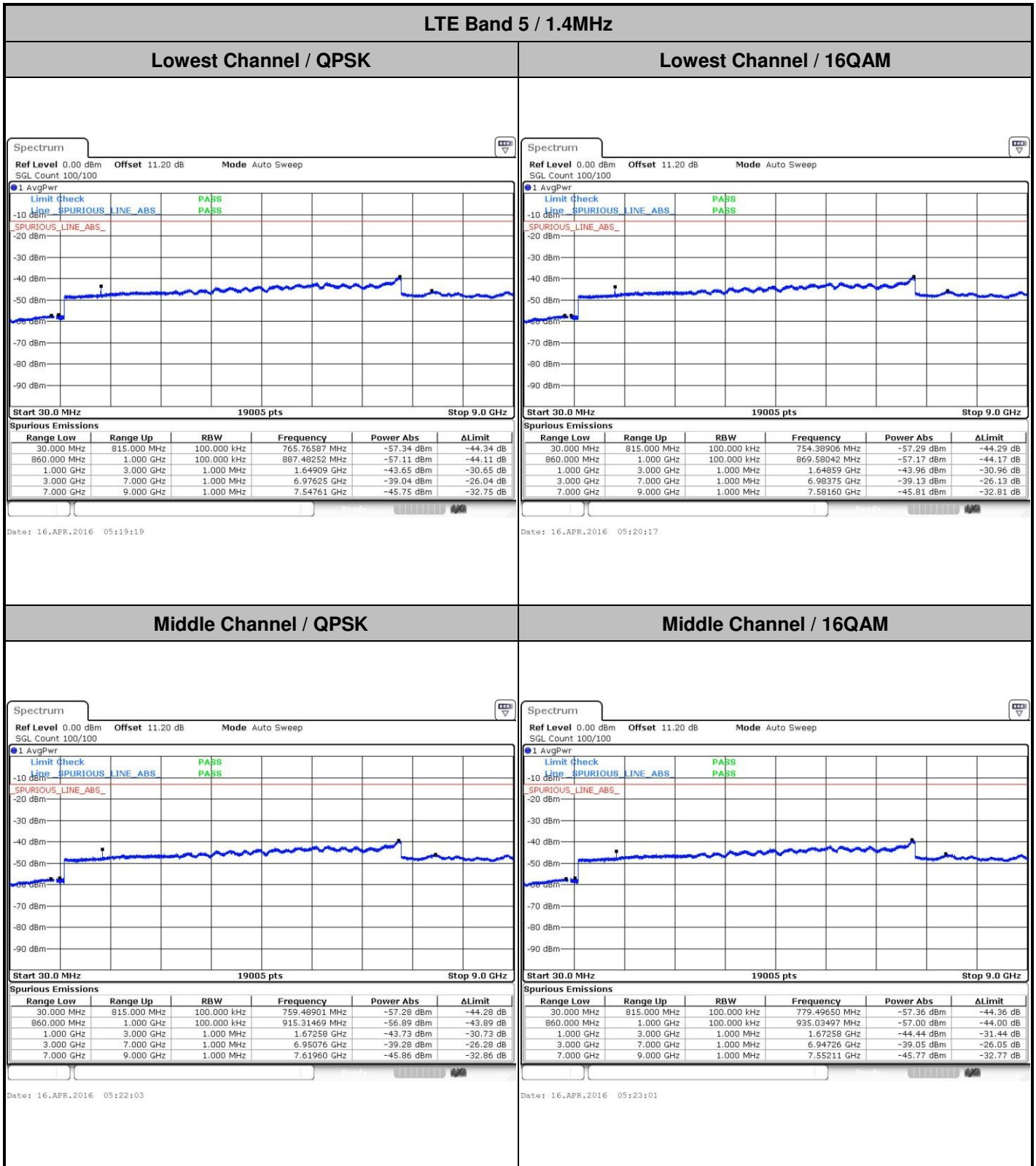
Highest Band Edge / Full RB



Date: 16.APR.2016 04:58:21



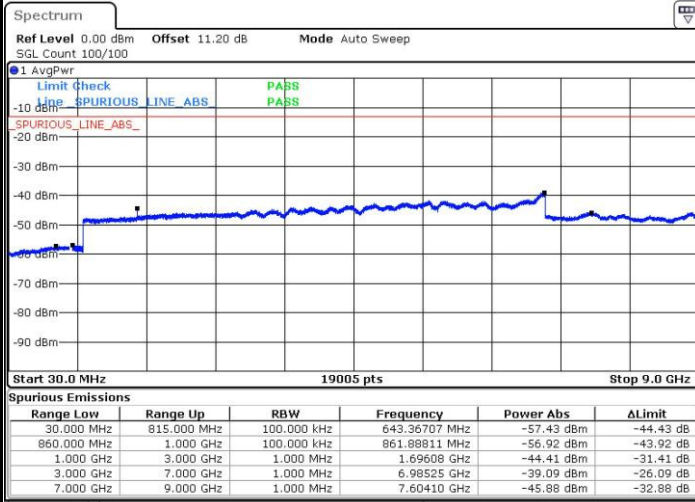
# Conducted Spurious Emission





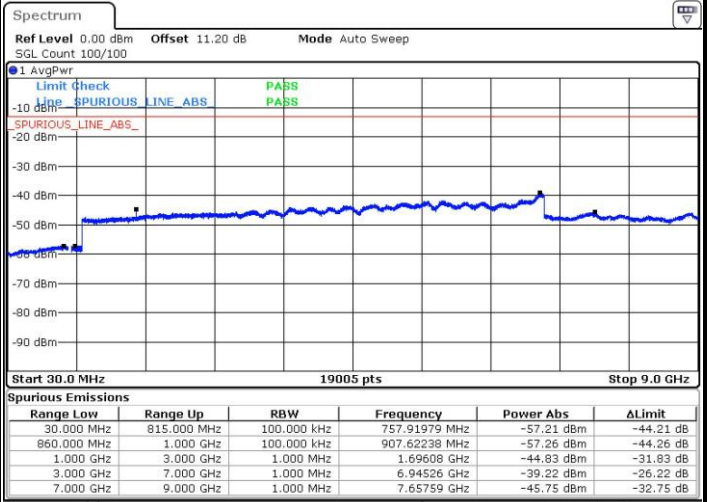
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 16.APR.2016 05:32:56

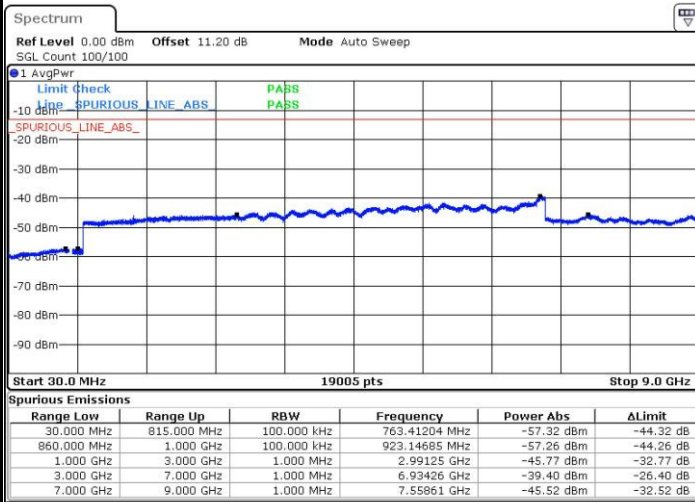
Highest Channel / 16QAM



Date: 16.APR.2016 05:33:54

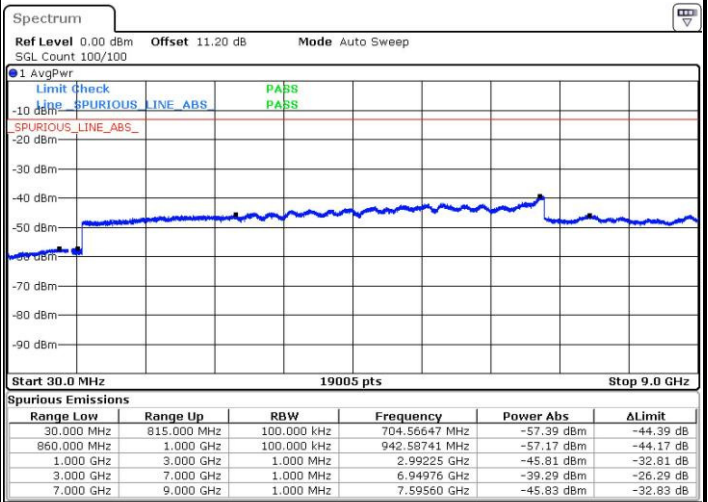
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 16.APR.2016 03:56:39

Lowest Channel / 16QAM



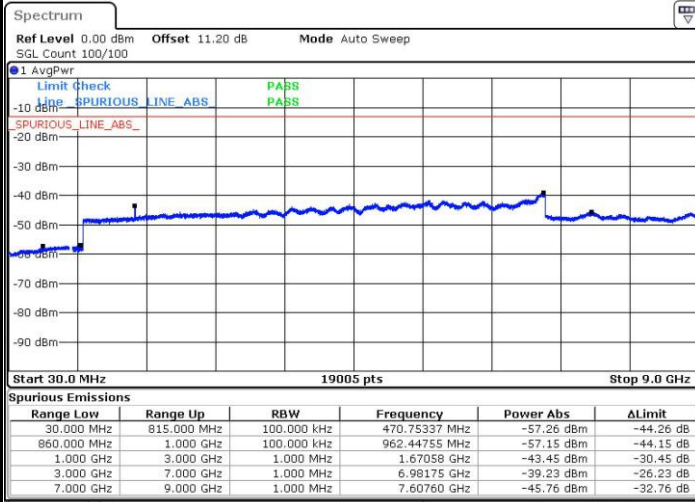
Date: 16.APR.2016 03:57:38



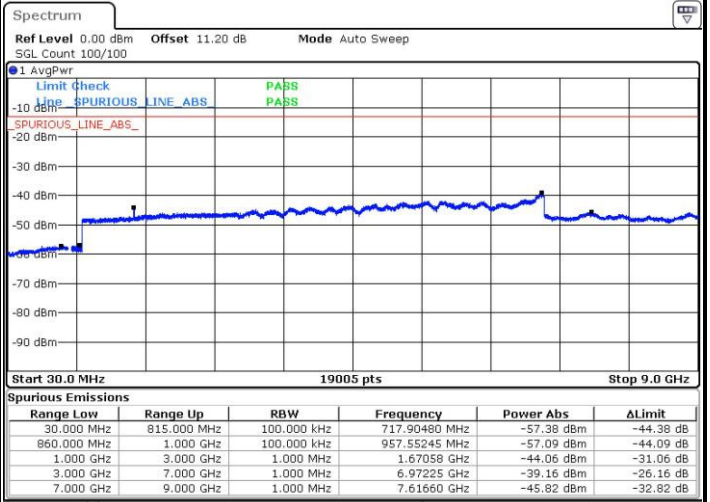
LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM



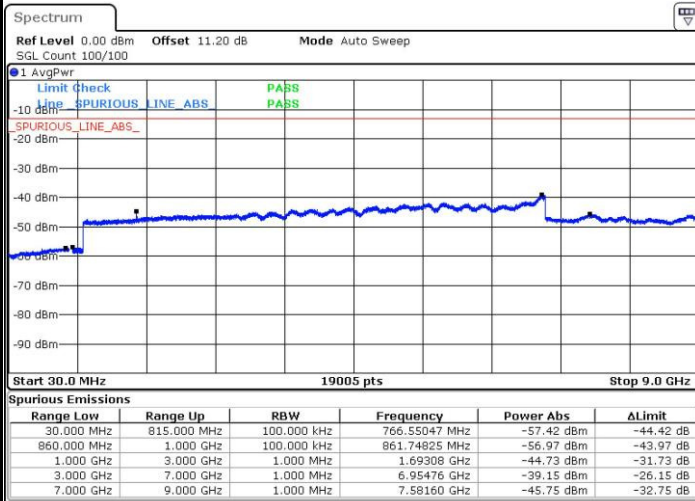
Date: 16.APR.2016 03:59:23



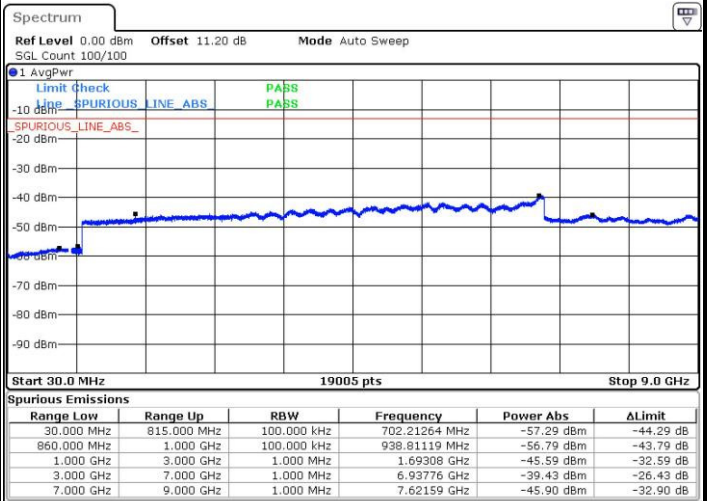
Date: 16.APR.2016 04:00:22

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.APR.2016 04:10:17



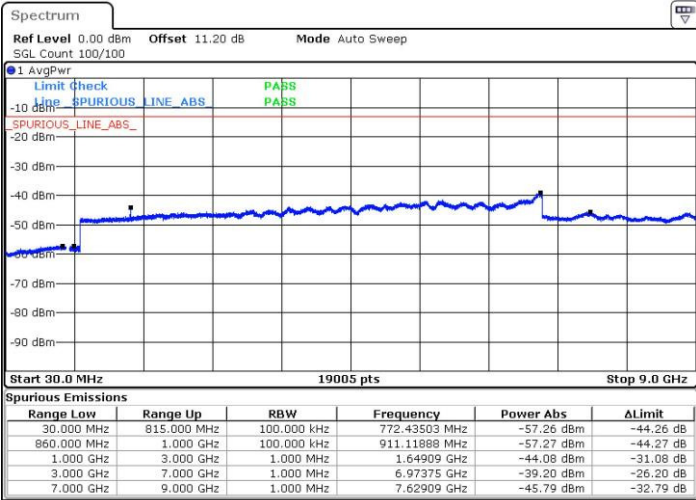
Date: 16.APR.2016 04:11:15



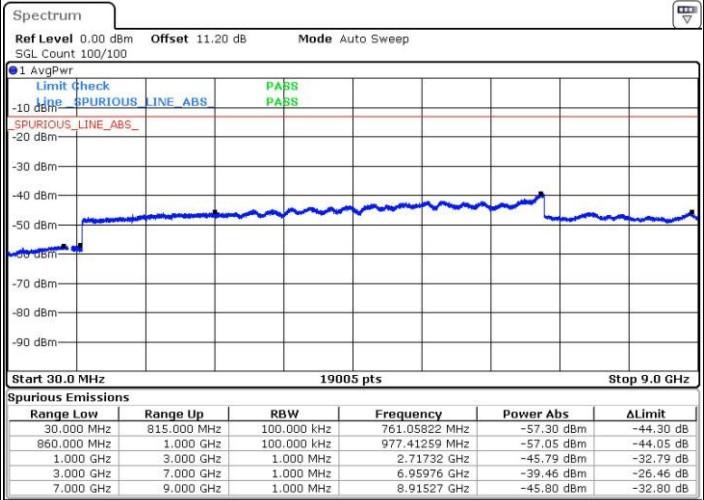
LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM



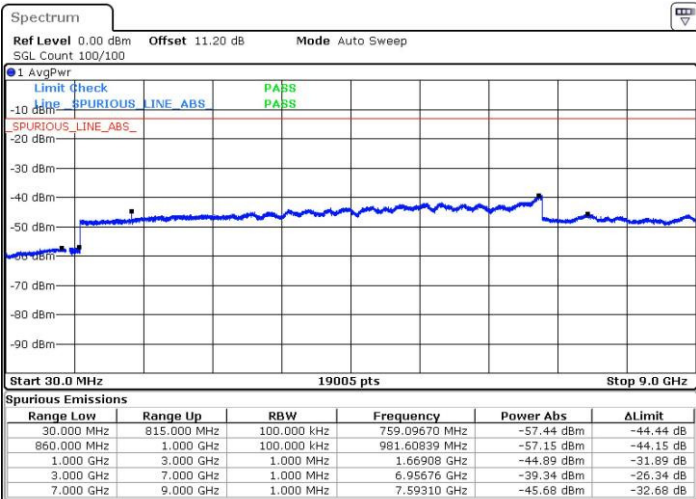
Date: 16.APR.2016 04:21:11



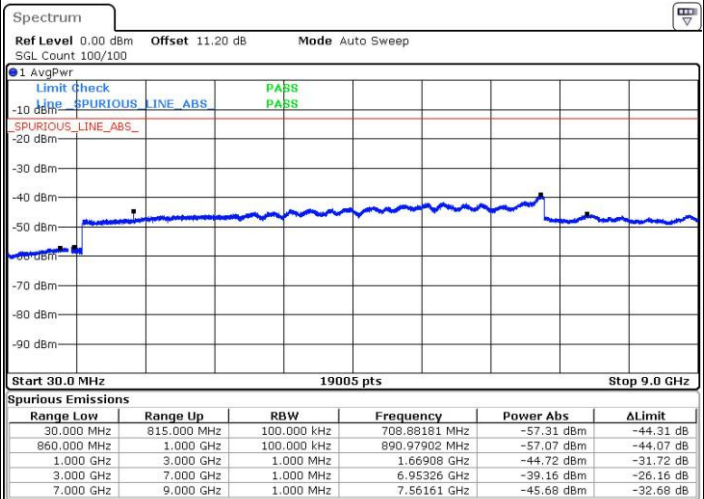
Date: 16.APR.2016 04:22:09

Middle Channel / QPSK

Middle Channel / 16QAM



Date: 16.APR.2016 04:23:55

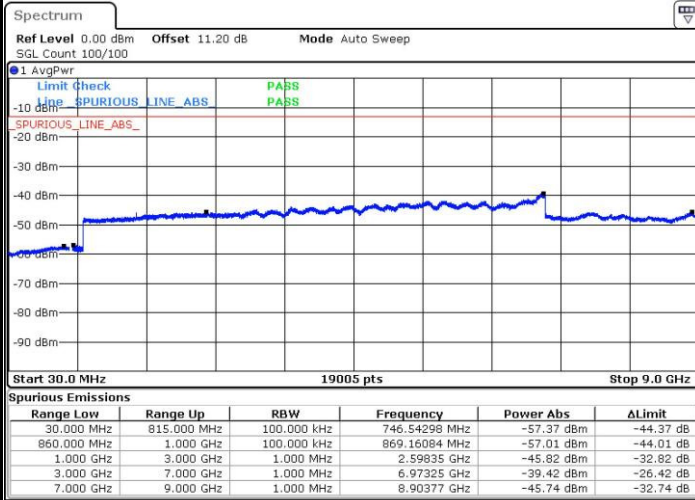


Date: 16.APR.2016 04:24:53



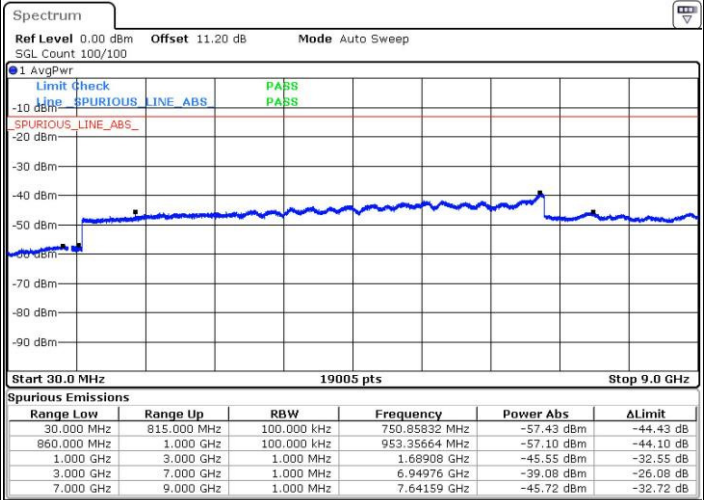
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 16.APR.2016 04:34:48

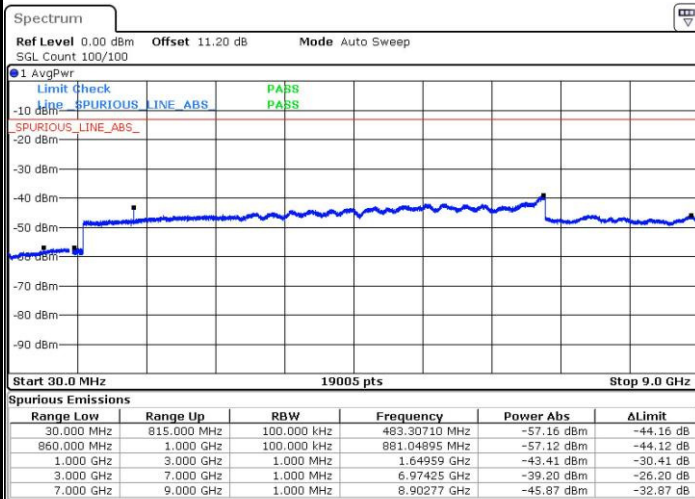
Highest Channel / 16QAM



Date: 16.APR.2016 04:35:47

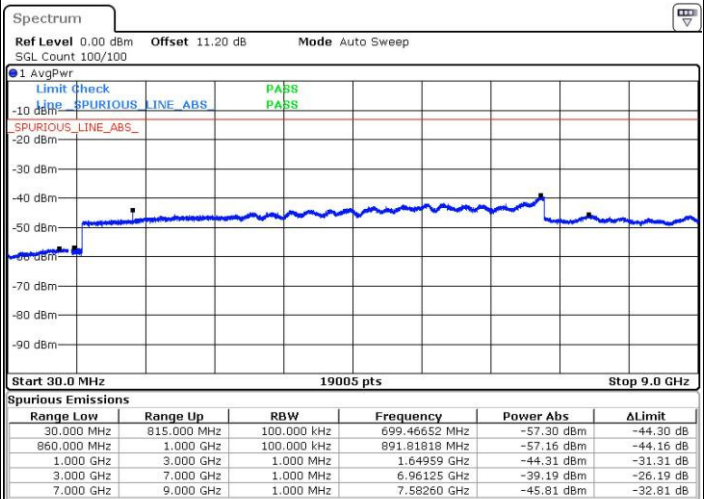
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 16.APR.2016 04:45:42

Lowest Channel / 16QAM



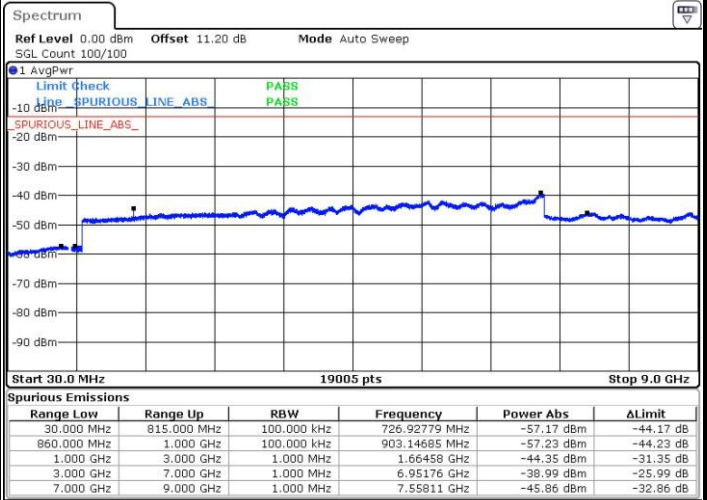
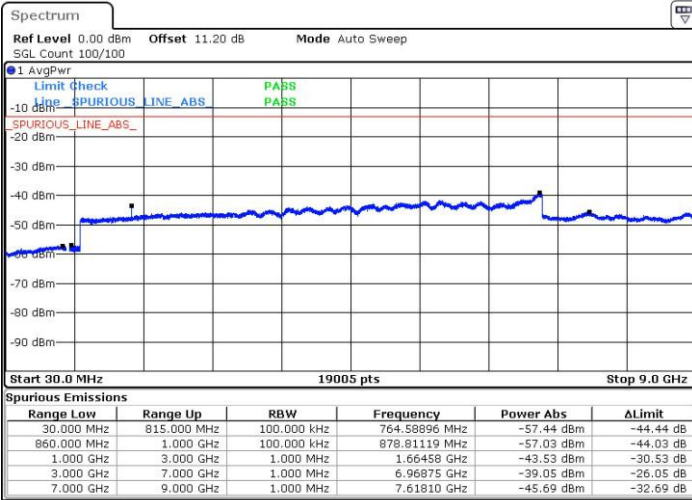
Date: 16.APR.2016 04:46:40



LTE Band 5 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

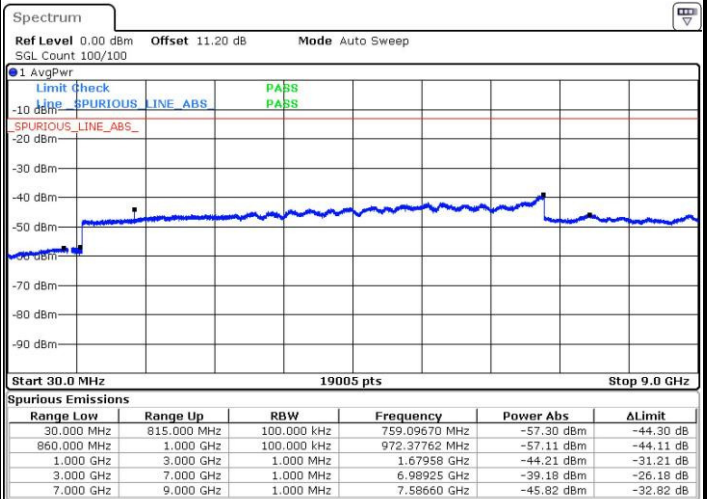
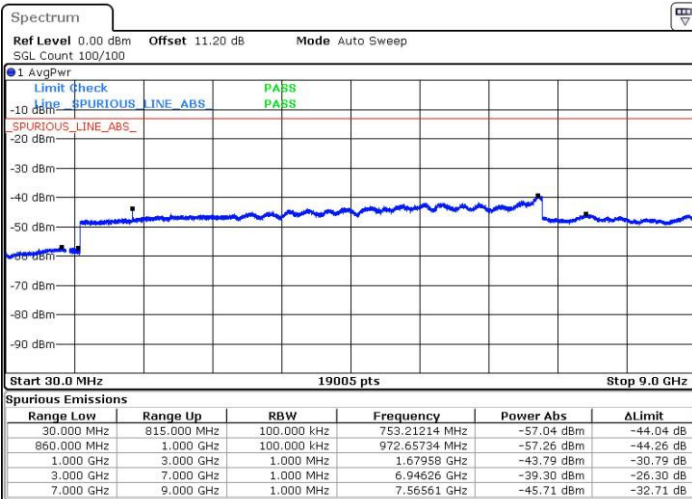


Date: 16.APR.2016 04:48:26

Date: 16.APR.2016 04:49:24

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 16.APR.2016 04:59:19

Date: 16.APR.2016 05:00:17



**Frequency Stability**

| Test Conditions  |                   | LTE Band 5 (QPSK) / Middle Channel | Limit  |
|------------------|-------------------|------------------------------------|--------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | 2.5ppm |
|                  |                   | Deviation (ppm)                    | Result |
| 50               | Normal Voltage    | 0.0075                             | PASS   |
| 40               | Normal Voltage    | 0.0004                             |        |
| 30               | Normal Voltage    | 0.0072                             |        |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |        |
| 10               | Normal Voltage    | 0.0005                             |        |
| 0                | Normal Voltage    | 0.0074                             |        |
| -10              | Normal Voltage    | 0.0008                             |        |
| -20              | Normal Voltage    | 0.0014                             |        |
| -30              | Normal Voltage    | 0.0068                             |        |
| 20               | Maximum Voltage   | 0.0010                             |        |
| 20               | Normal Voltage    | 0.0000                             |        |
| 20               | Battery End Point | 0.0082                             |        |

**Note:**

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



## LTE Band 7

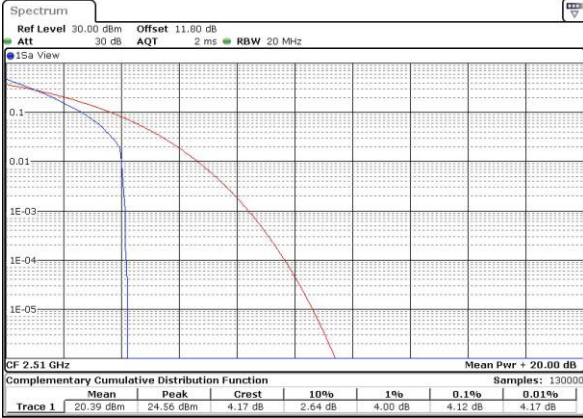
### Peak-to-Average Ratio

| Mode       | LTE Band 7 / 20MHz |         |       |         |             |
|------------|--------------------|---------|-------|---------|-------------|
| Mod.       | QPSK               |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 4.12               | 4.96    | 4.84  | 5.94    | PASS        |
| Middle CH  | 4.29               | 4.87    | 4.99  | 5.77    |             |
| Highest CH | 3.88               | 4.81    | 4.64  | 5.86    |             |



LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



Date: 14 APR 2016 18:04:04

Lowest Channel / Full RB



Date: 14 APR 2016 18:04:14

Middle Channel / 1RB



Date: 14 APR 2016 18:04:25

Middle Channel / Full RB



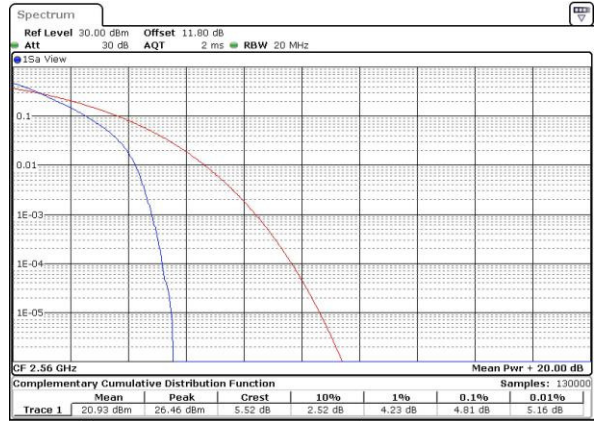
Date: 14 APR 2016 18:04:53

Highest Channel / 1RB



Date: 14 APR 2016 18:05:03

Highest Channel / Full RB

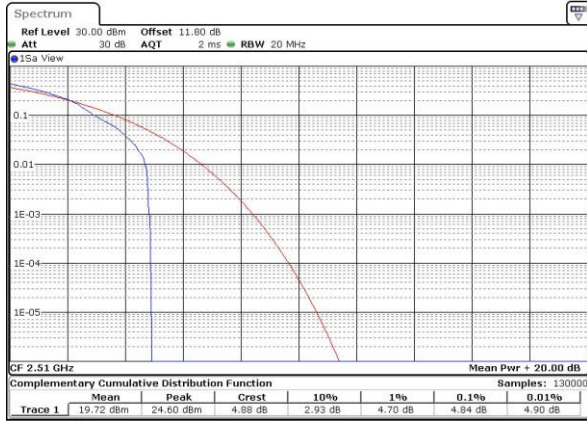


Date: 14 APR 2016 18:05:13



LTE Band 7 / 20MHz / 16QAM

Lowest Channel / 1RB



Date: 14 APR 2016 18:02:33

Lowest Channel / Full RB



Date: 14 APR 2016 18:02:43

Middle Channel / 1RB



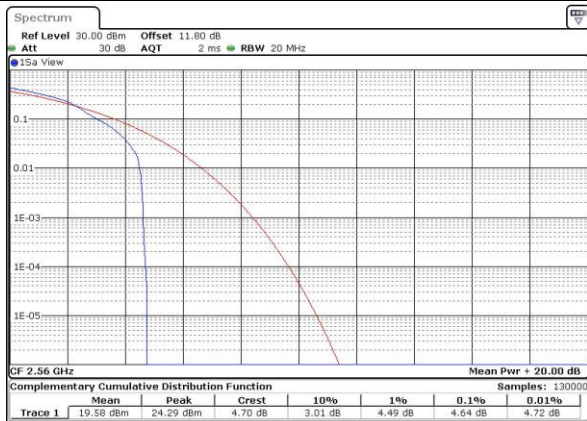
Date: 14 APR 2016 18:02:54

Middle Channel / Full RB



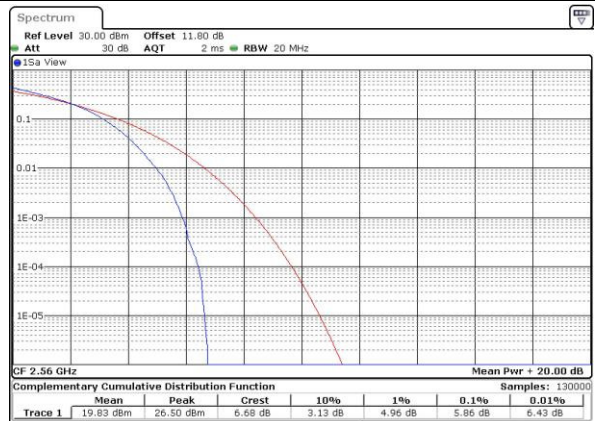
Date: 14 APR 2016 18:03:04

Highest Channel / 1RB



Date: 14 APR 2016 18:03:23

Highest Channel / Full RB



Date: 14 APR 2016 18:03:35