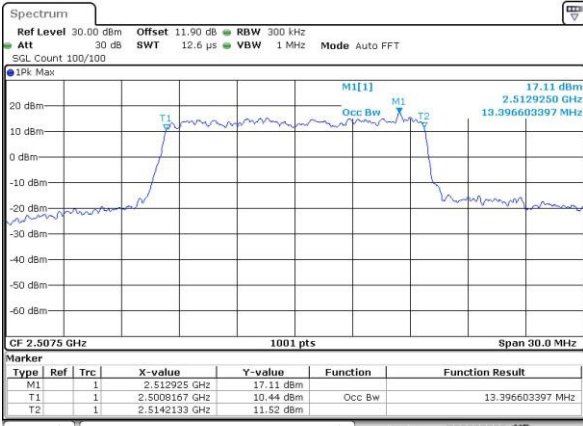




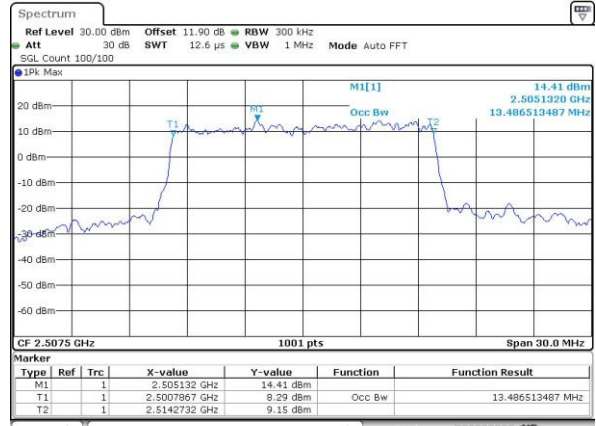
LTE Band 7

Lowest Channel / 15MHz / QPSK



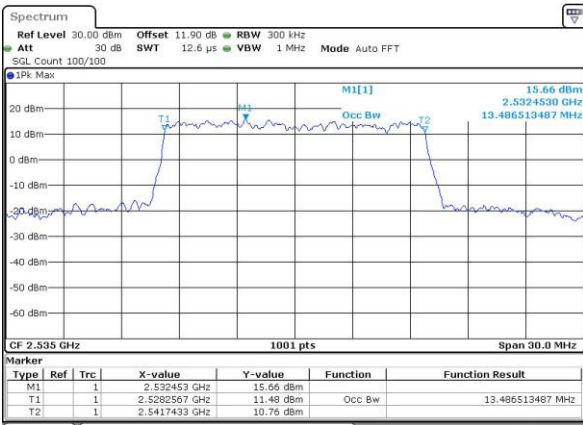
Date: 8.OCT.2016 11:24:51

Lowest Channel / 15MHz / 16QAM



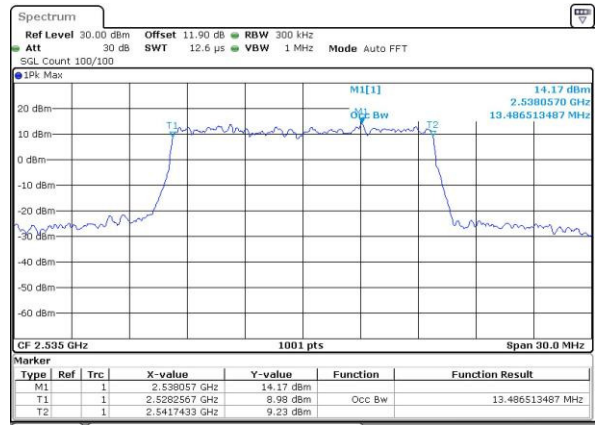
Date: 8.OCT.2016 11:25:02

Middle Channel / 15MHz / QPSK



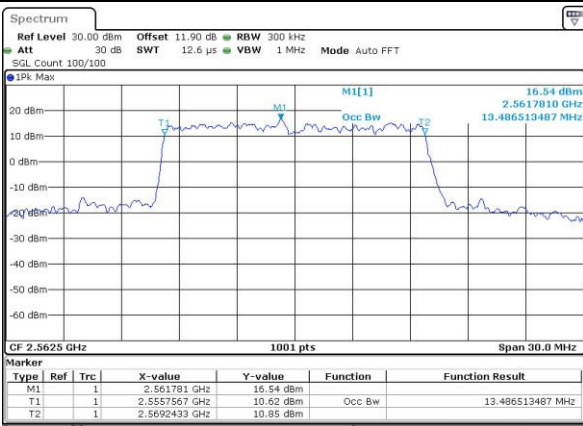
Date: 8.OCT.2016 11:32:13

Middle Channel / 15MHz / 16QAM



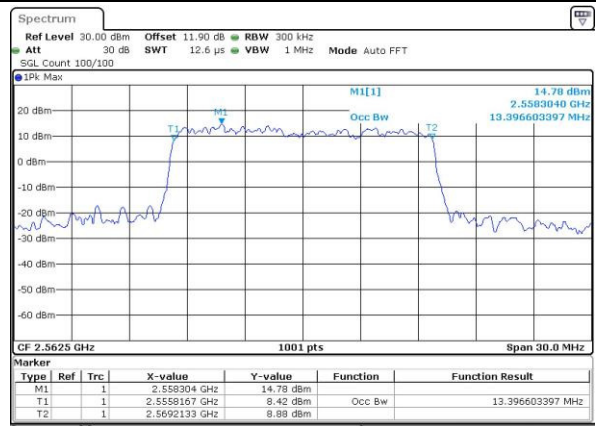
Date: 8.OCT.2016 11:32:25

Highest Channel / 15MHz / QPSK



Date: 8.OCT.2016 11:33:56

Highest Channel / 15MHz / 16QAM

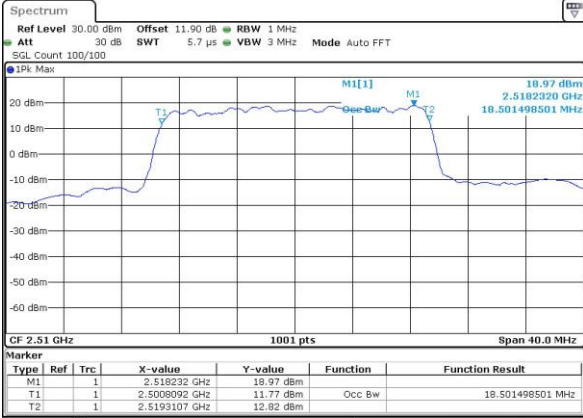


Date: 8.OCT.2016 11:35:08



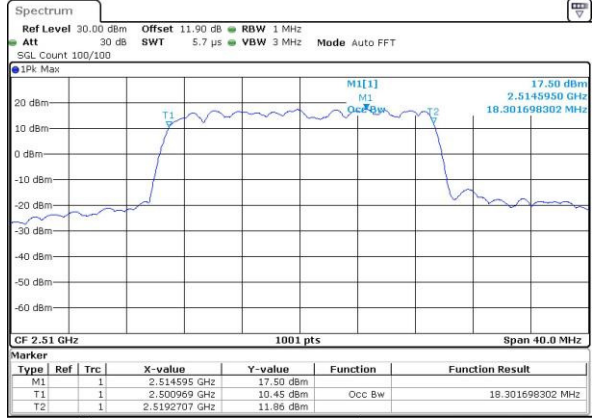
LTE Band 7

Lowest Channel / 20MHz / QPSK



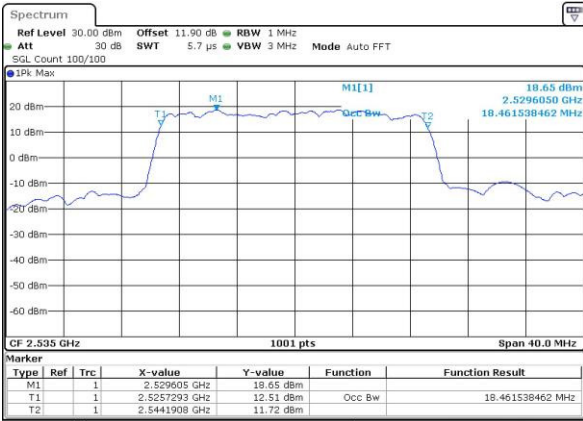
Date: 8.OCT.2016 11:42:18

Lowest Channel / 20MHz / 16QAM



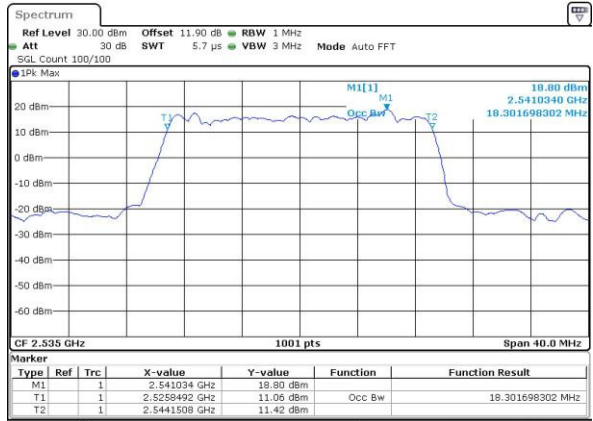
Date: 8.OCT.2016 11:42:30

Middle Channel / 20MHz / QPSK



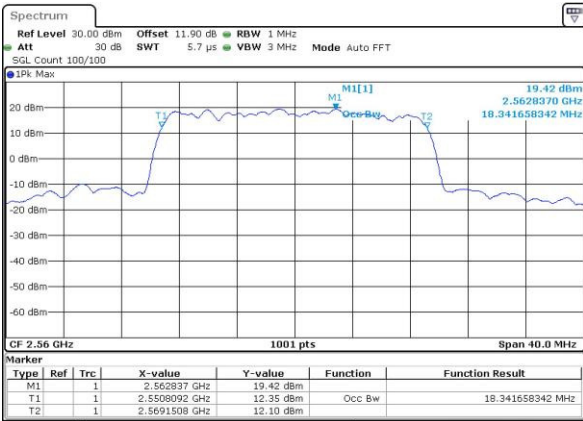
Date: 8.OCT.2016 11:49:41

Middle Channel / 20MHz / 16QAM



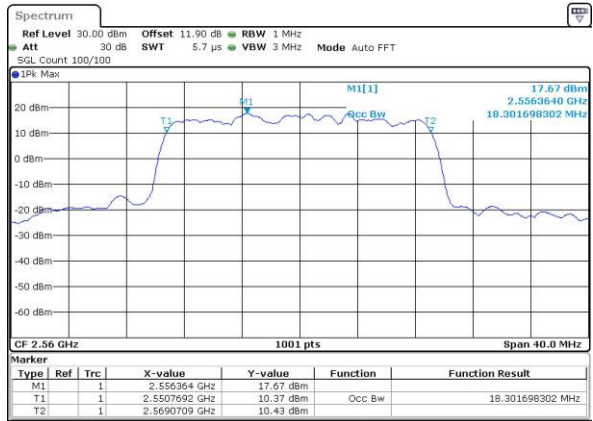
Date: 8.OCT.2016 11:49:53

Highest Channel / 20MHz / QPSK



Date: 8.OCT.2016 11:52:24

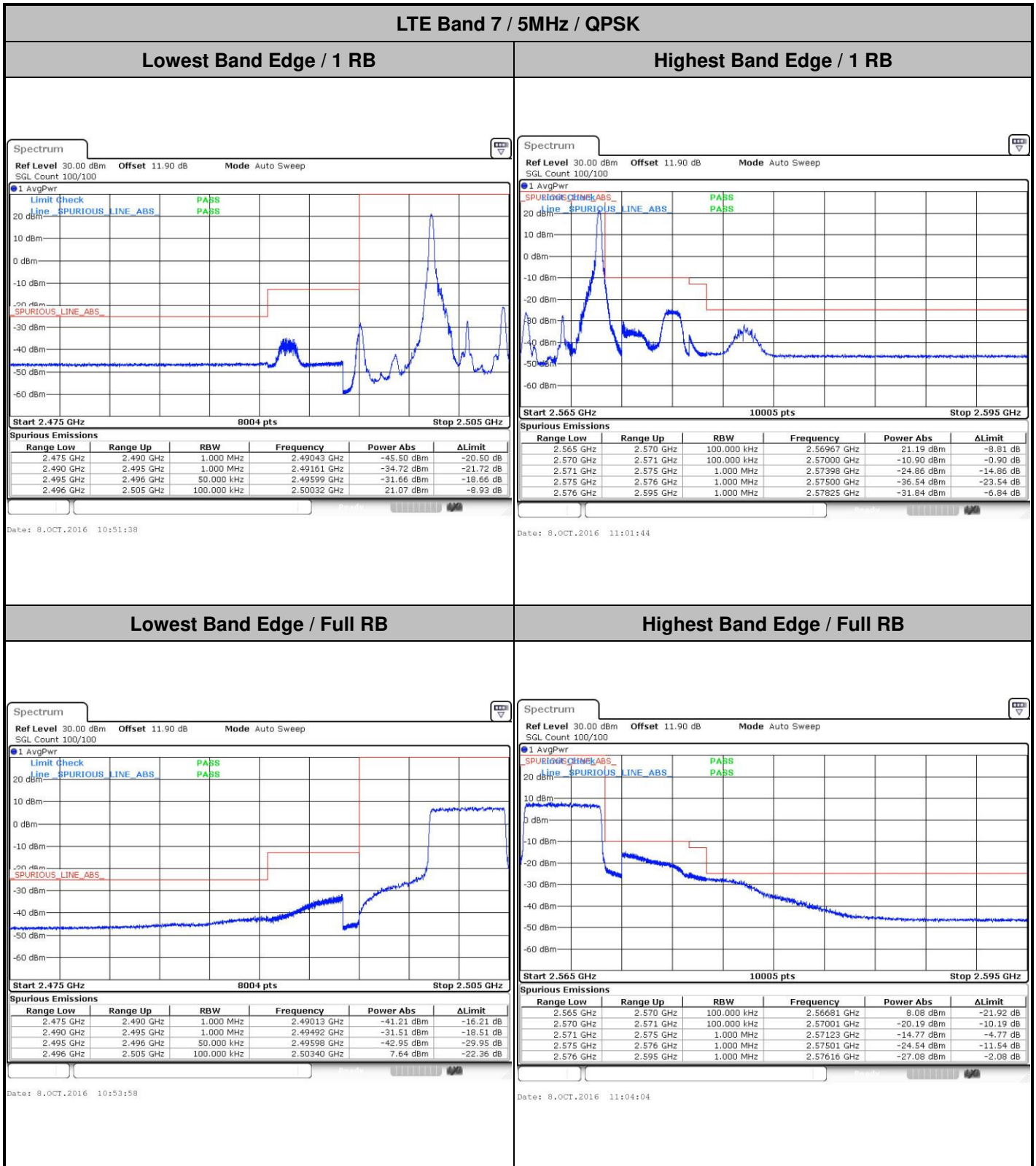
Highest Channel / 20MHz / 16QAM



Date: 8.OCT.2016 11:52:36



# Conducted Band Edge

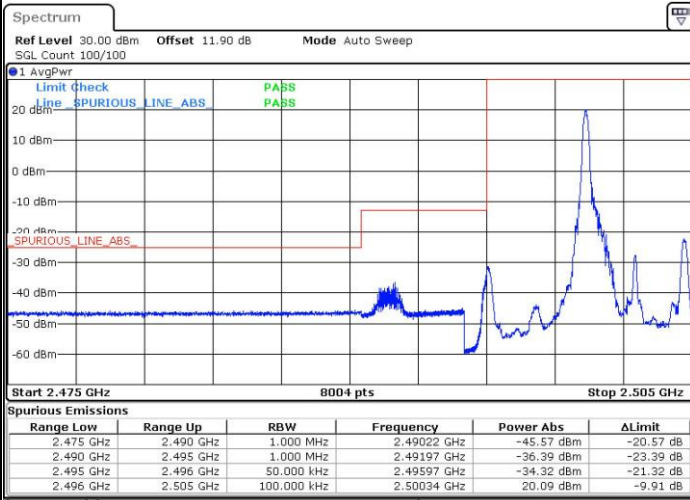




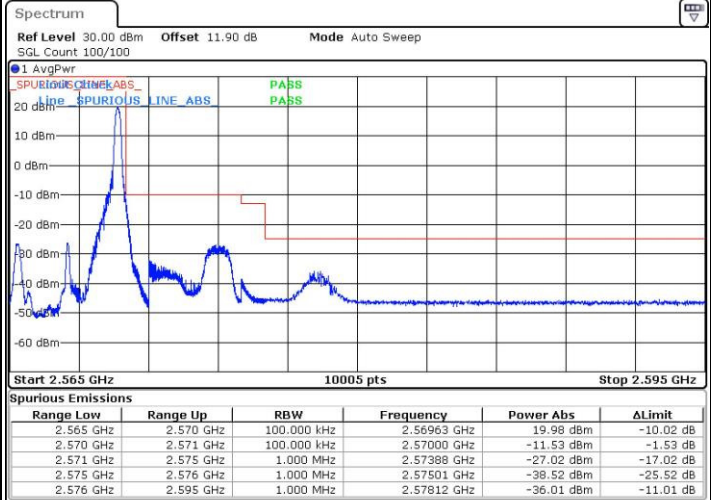
LTE Band 7 / 5MHz / 16QAM

Lowest Band Edge / 1 RB

Highest Band Edge / 1 RB



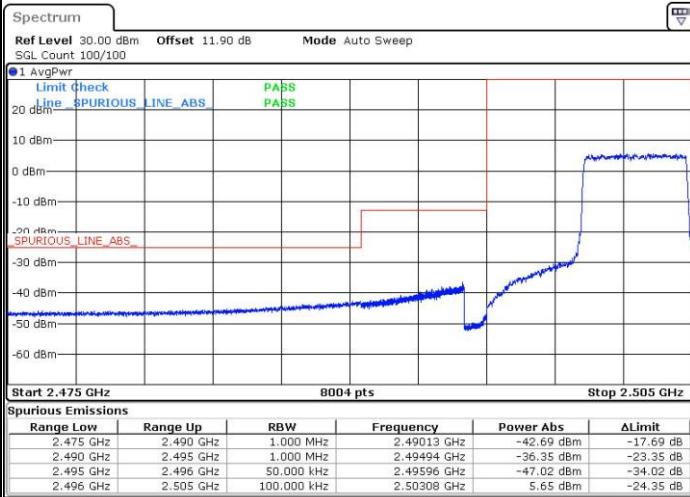
Date: 8.OCT.2016 10:52:48



Date: 8.OCT.2016 11:02:54

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



Date: 8.OCT.2016 10:55:08



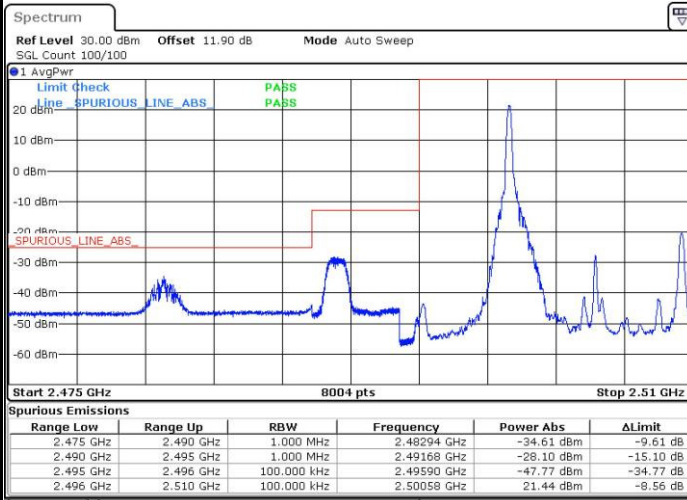
Date: 8.OCT.2016 11:05:14





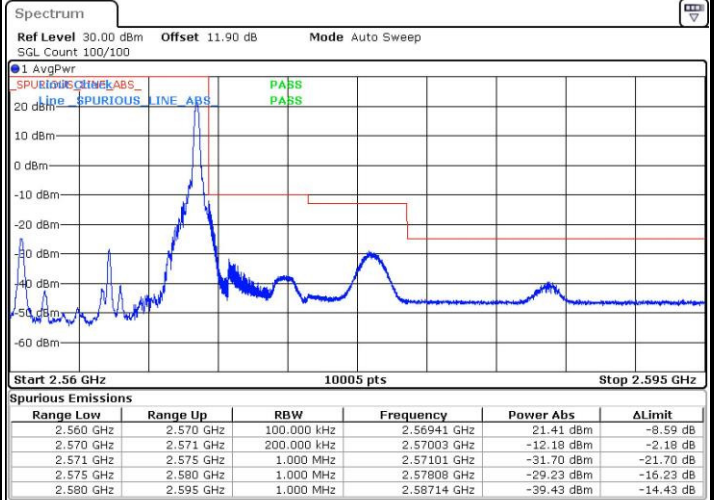
LTE Band 7 / 10MHz / QPSK

Lowest Band Edge / 1 RB



Date: 8.OCT.2016 11:09:07

Highest Band Edge / 1 RB



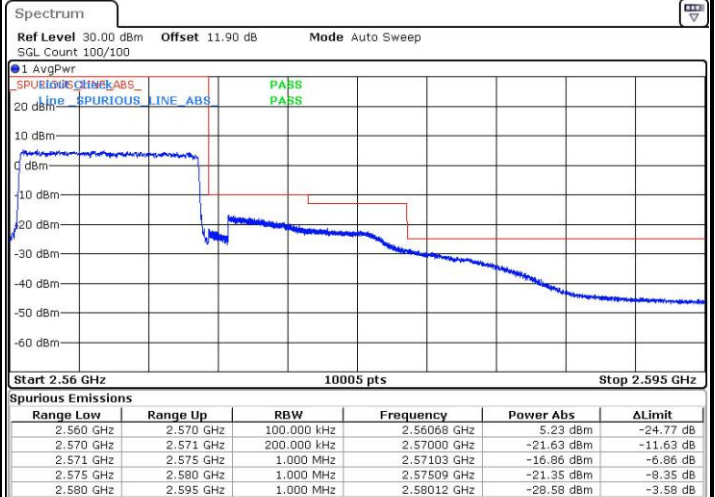
Date: 8.OCT.2016 11:19:12

Lowest Band Edge / Full RB



Date: 8.OCT.2016 11:11:27

Highest Band Edge / Full RB

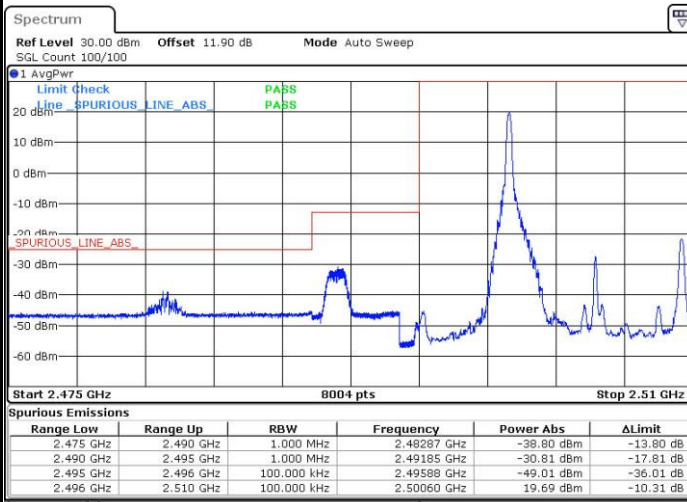


Date: 8.OCT.2016 11:21:32



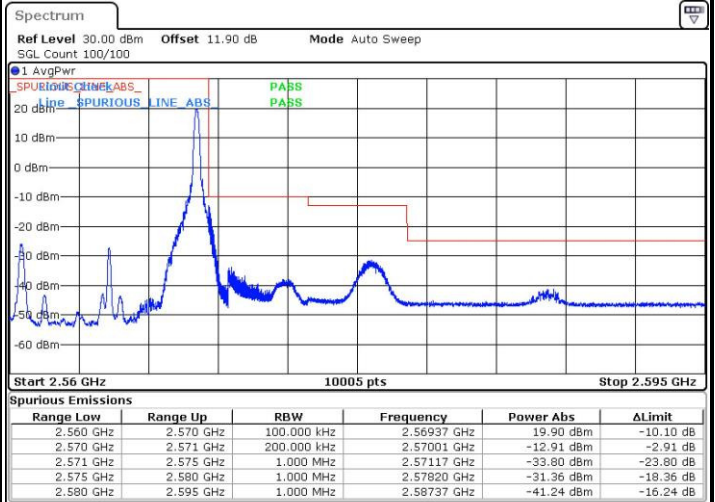
LTE Band 7 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



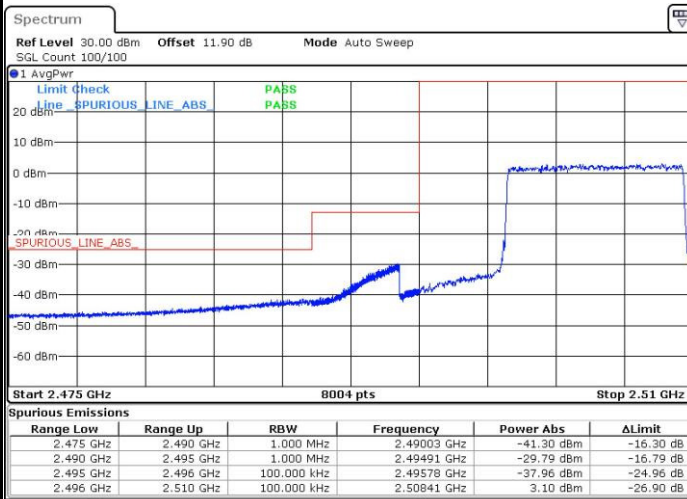
Date: 8.OCT.2016 11:10:17

Highest Band Edge / 1 RB



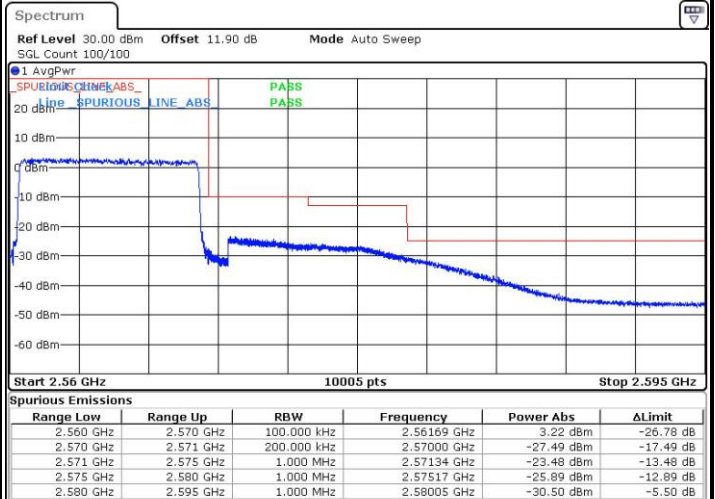
Date: 8.OCT.2016 11:20:22

Lowest Band Edge / Full RB



Date: 8.OCT.2016 11:12:37

Highest Band Edge / Full RB

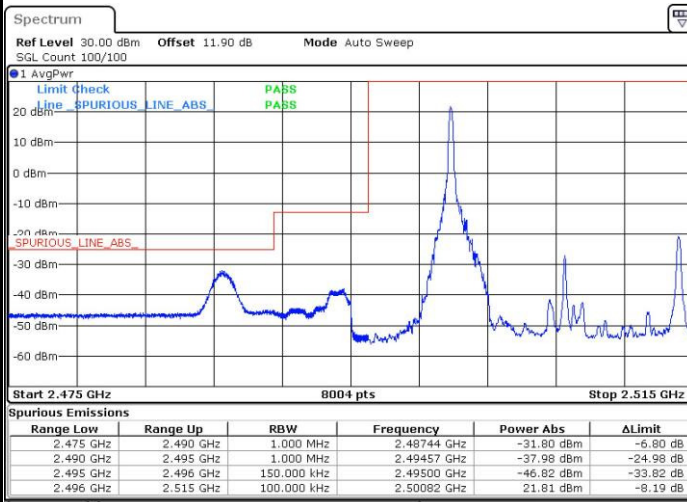


Date: 8.OCT.2016 11:22:42



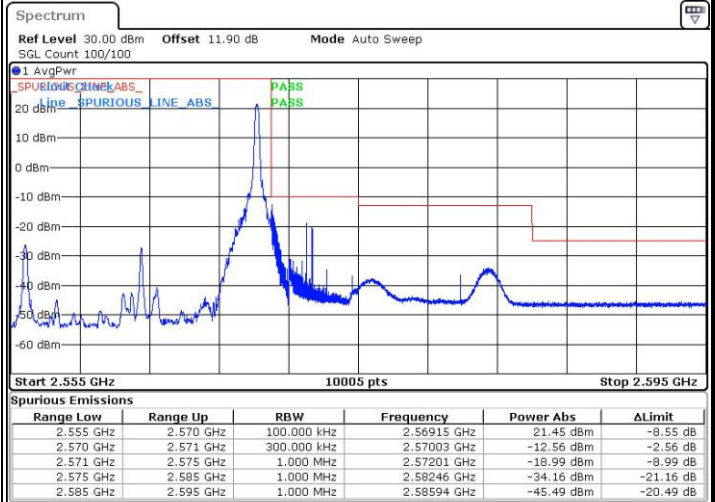
LTE Band 7 / 15MHz / QPSK

Lowest Band Edge / 1 RB



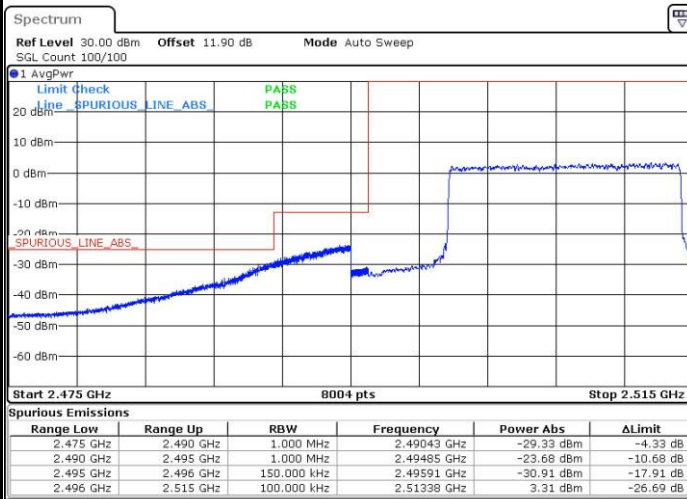
Date: 8.OCT.2016 11:26:36

Highest Band Edge / 1 RB



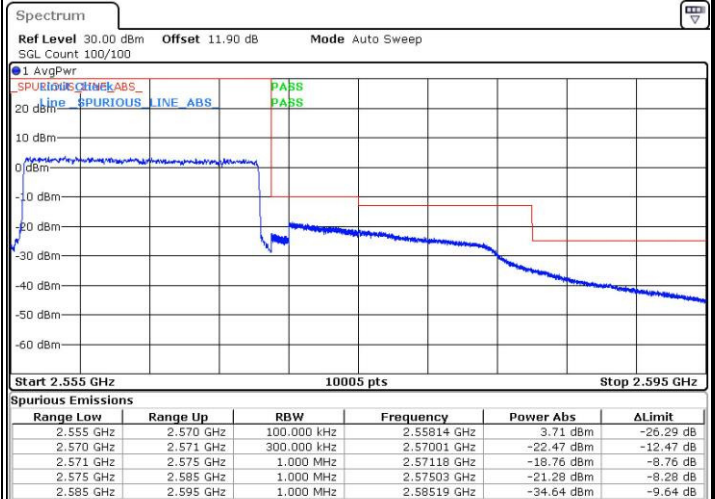
Date: 8.OCT.2016 11:36:41

Lowest Band Edge / Full RB



Date: 8.OCT.2016 11:28:56

Highest Band Edge / Full RB

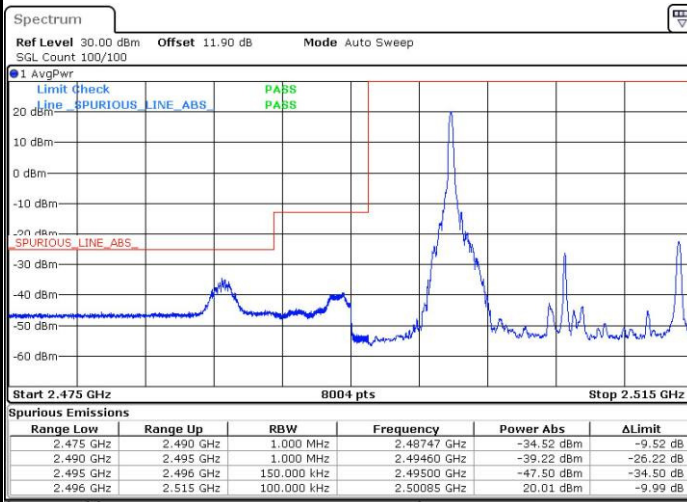


Date: 8.OCT.2016 11:39:01



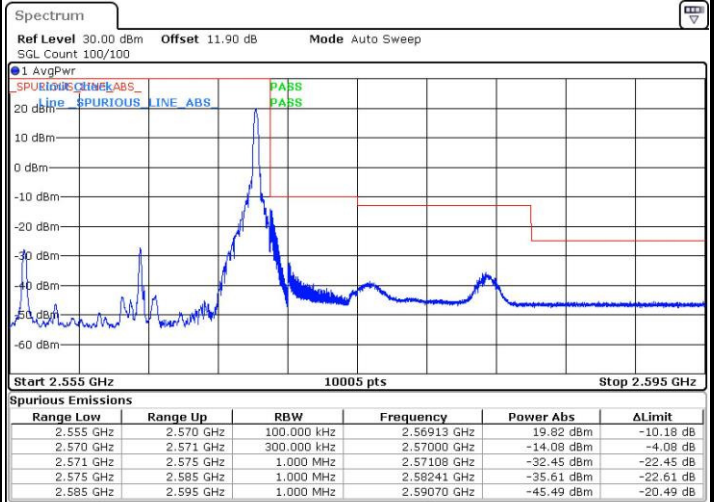
LTE Band 7 / 15MHz / 16QAM

Lowest Band Edge / 1 RB



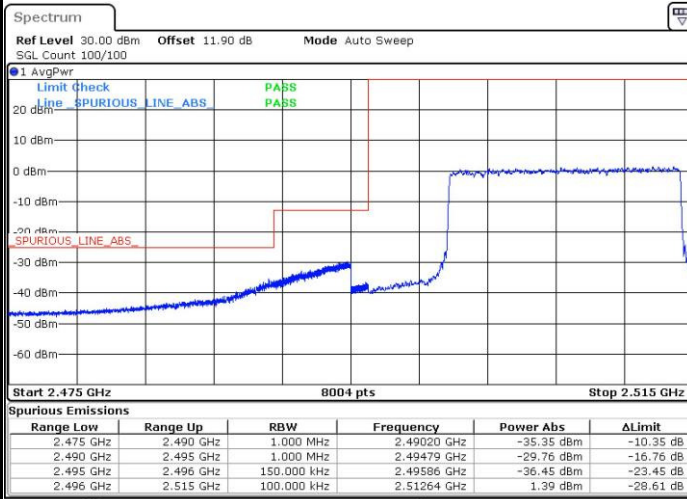
Date: 8.OCT.2016 11:27:46

Highest Band Edge / 1 RB



Date: 8.OCT.2016 11:37:51

Lowest Band Edge / Full RB



Date: 8.OCT.2016 11:30:05

Highest Band Edge / Full RB



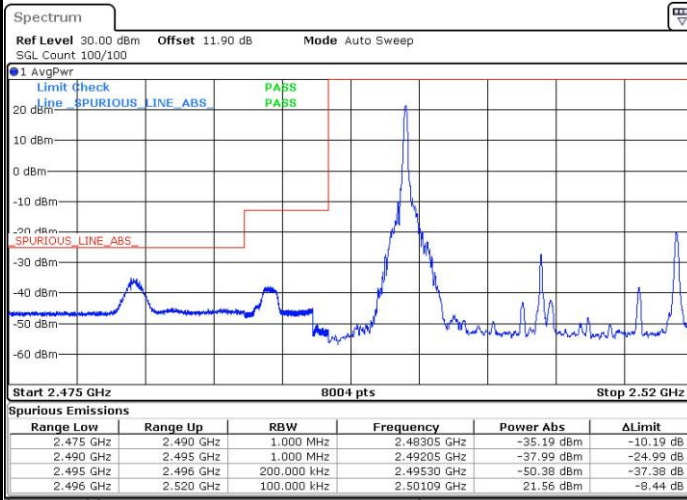
Date: 8.OCT.2016 11:40:11





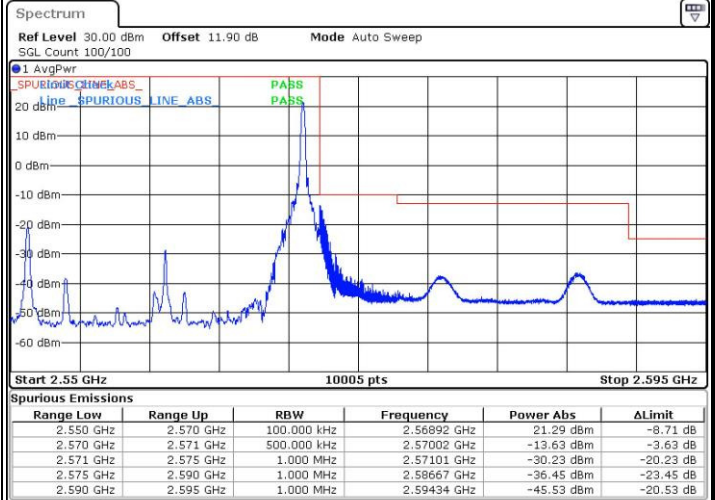
LTE Band 7 / 20MHz / QPSK

Lowest Band Edge / 1 RB



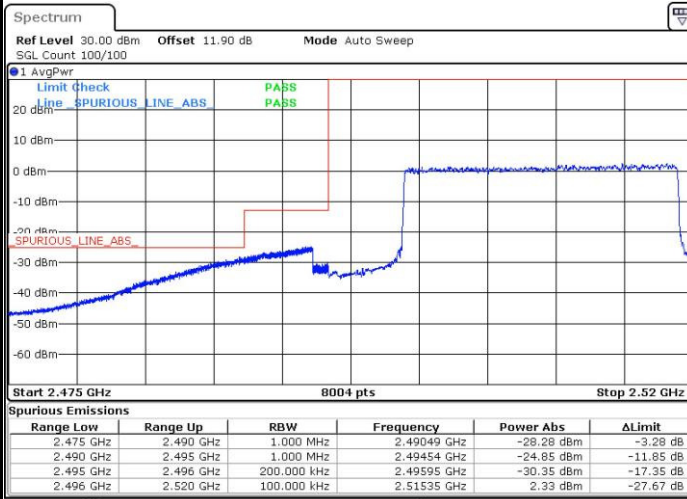
Date: 8.OCT.2016 11:44:04

Highest Band Edge / 1 RB



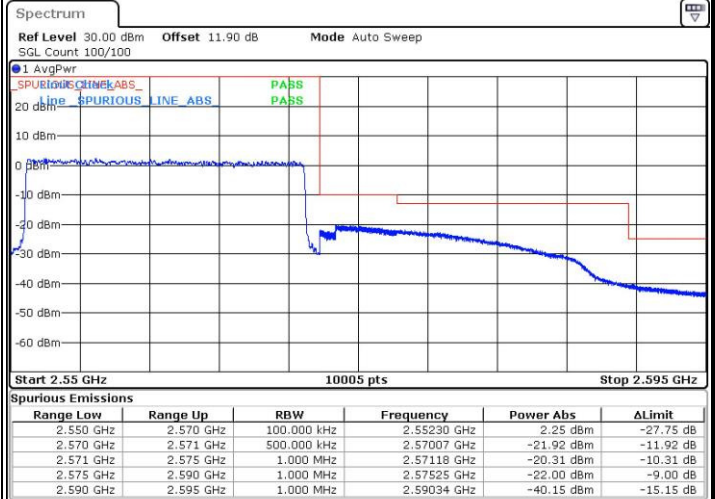
Date: 8.OCT.2016 11:54:09

Lowest Band Edge / Full RB



Date: 8.OCT.2016 11:46:23

Highest Band Edge / Full RB

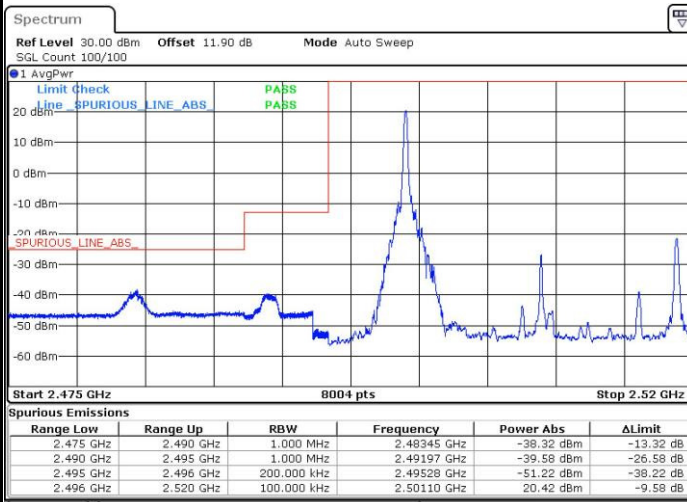


Date: 8.OCT.2016 11:57:39



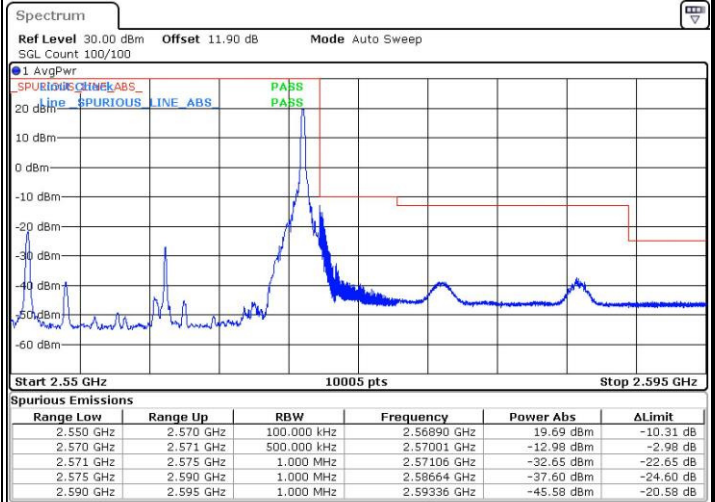
LTE Band 7 / 20MHz / 16QAM

Lowest Band Edge / 1 RB



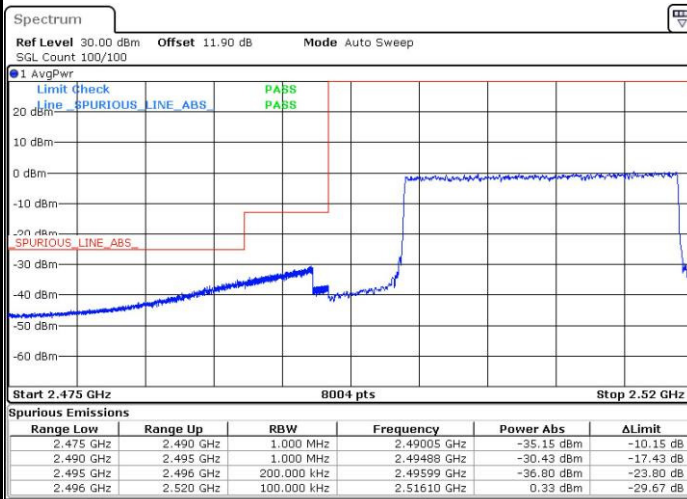
Date: 8.OCT.2016 11:45:14

Highest Band Edge / 1RB



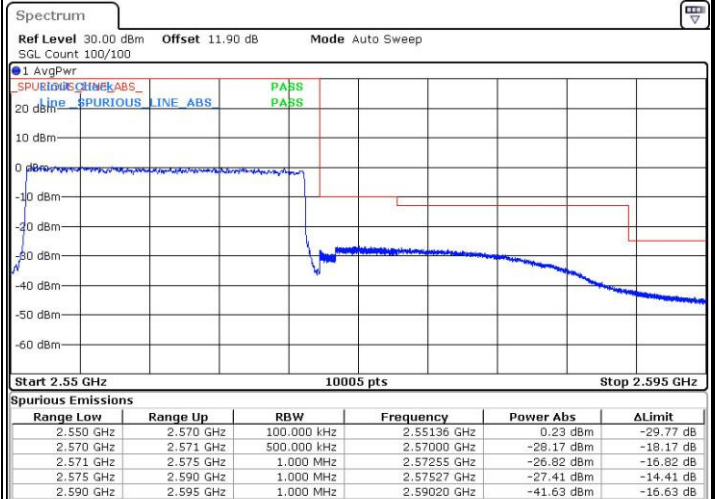
Date: 8.OCT.2016 11:55:19

Lowest Band Edge / Full RB



Date: 8.OCT.2016 11:47:33

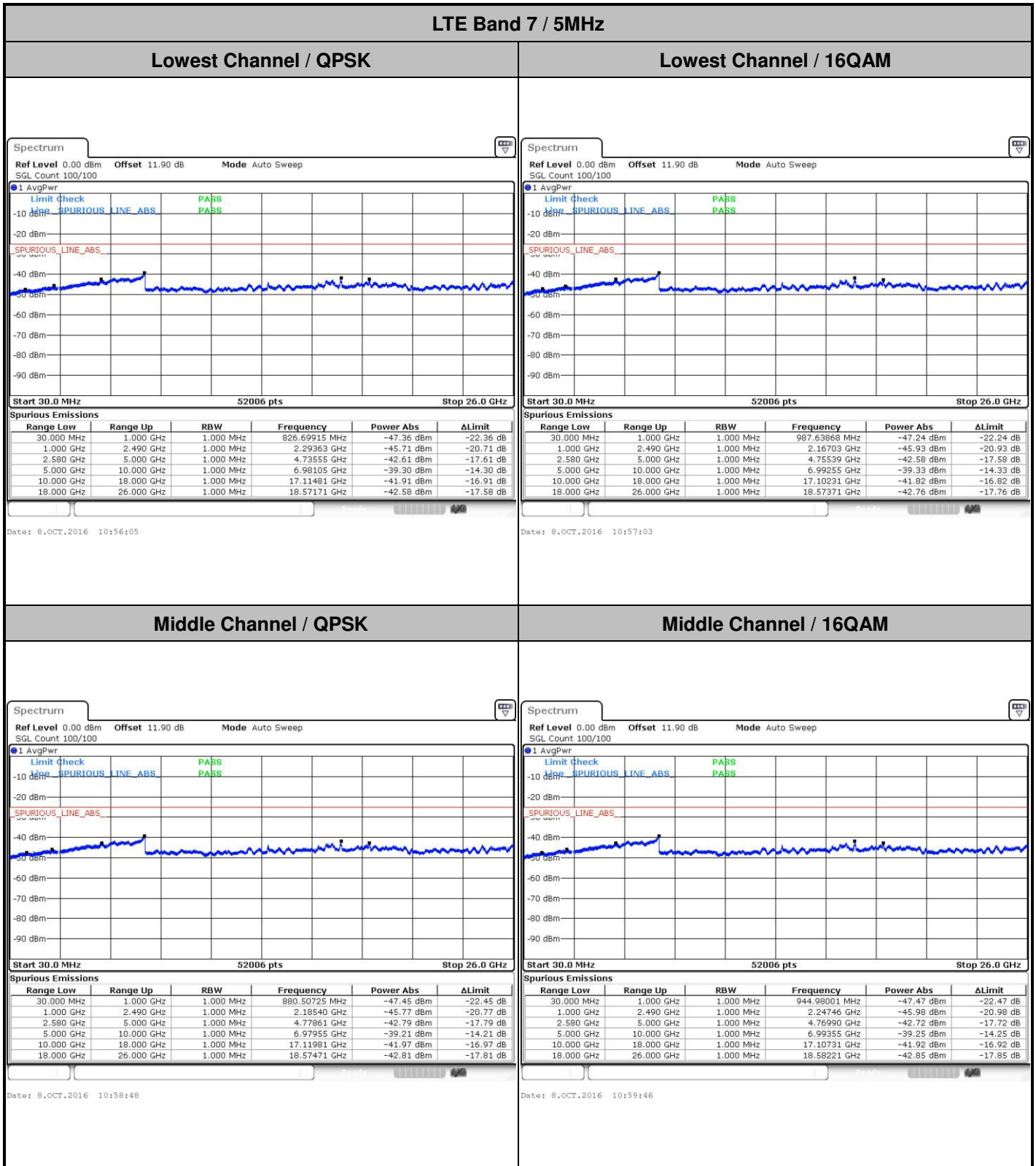
Highest Band Edge / Full RB



Date: 8.OCT.2016 11:56:29



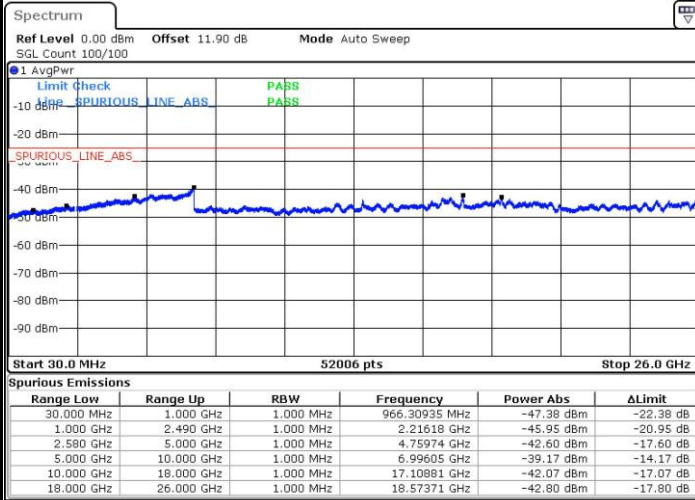
# Conducted Spurious Emission





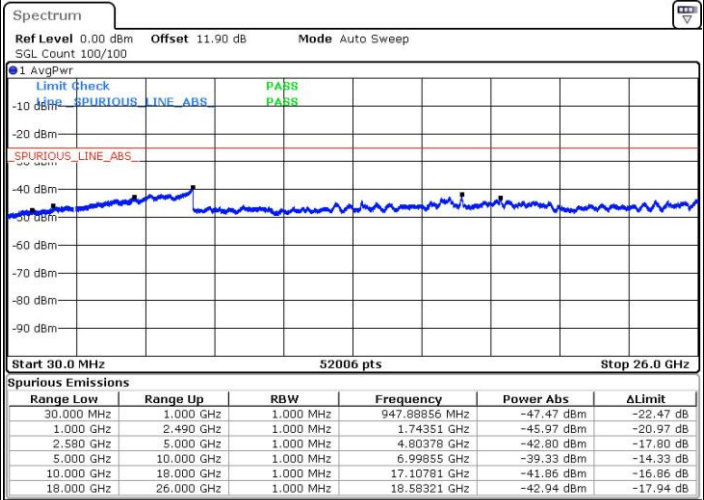
LTE Band 7 / 5MHz

Highest Channel / QPSK



Date: 8.OCT.2016 11:06:11

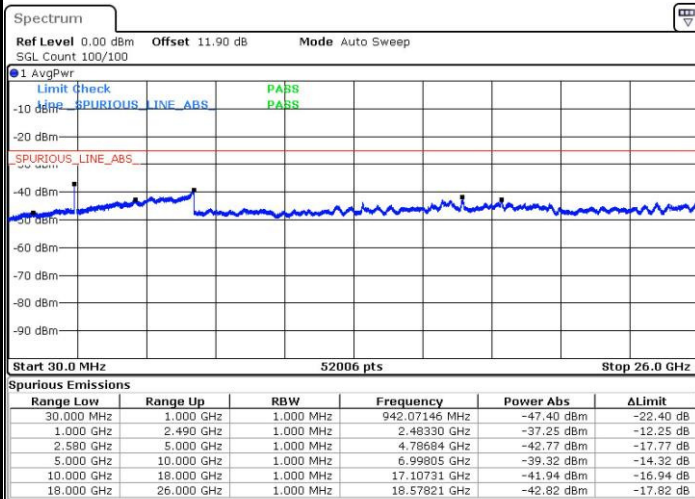
Highest Channel / 16QAM



Date: 8.OCT.2016 11:07:09

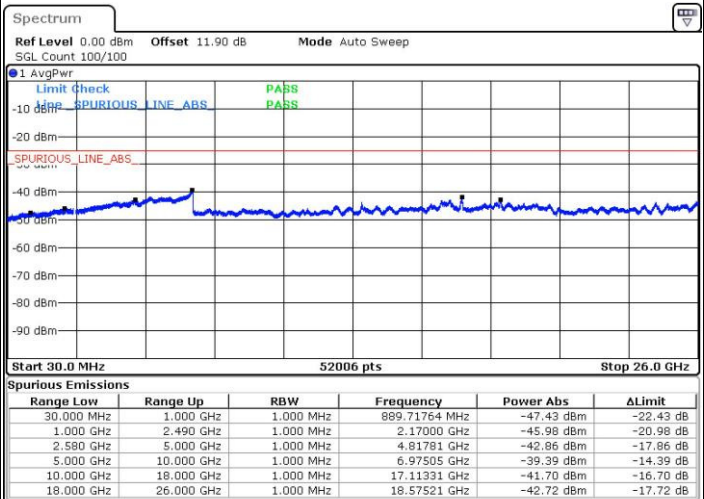
LTE Band 7 / 10MHz

Lowest Channel / QPSK



Date: 8.OCT.2016 11:13:34

Lowest Channel / 16QAM



Date: 8.OCT.2016 11:14:32

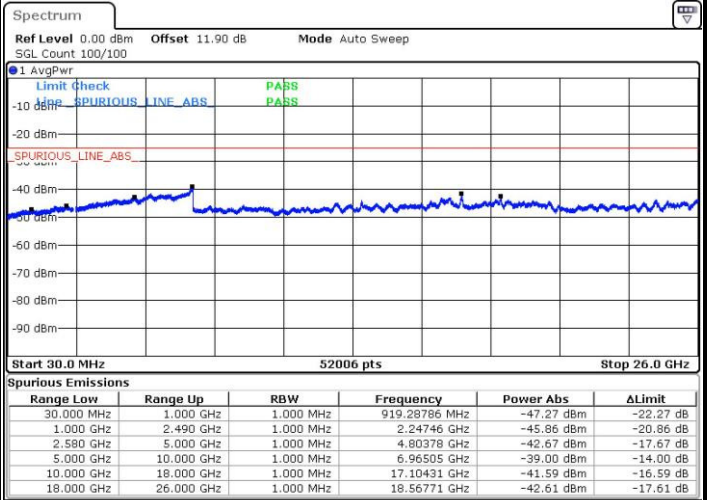
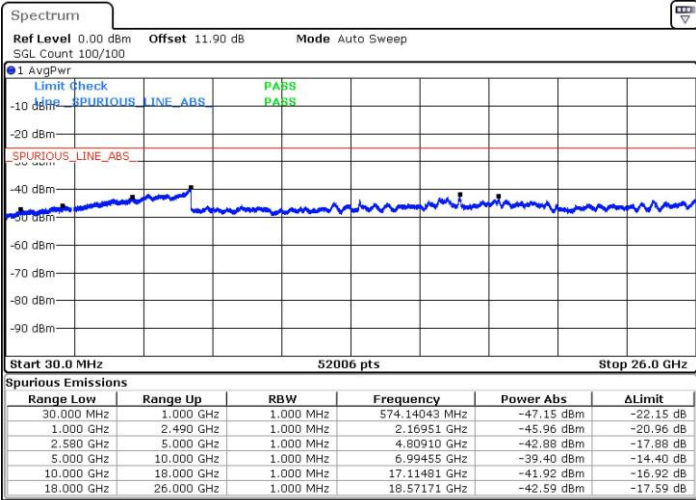




LTE Band 7 / 10MHz

Middle Channel / QPSK

Middle Channel / 16QAM

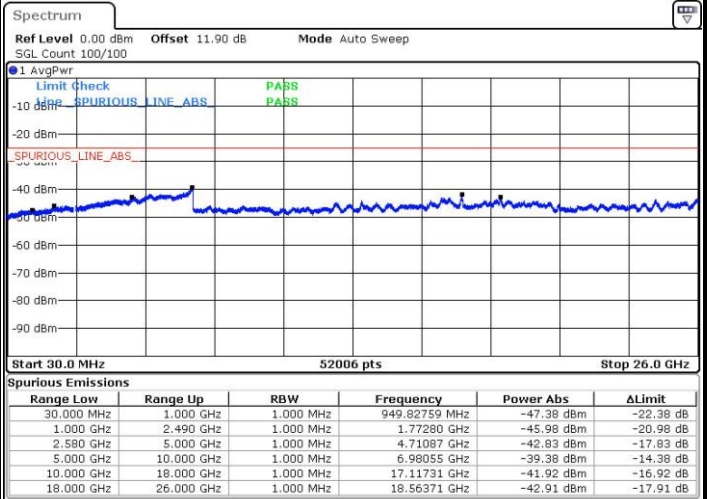
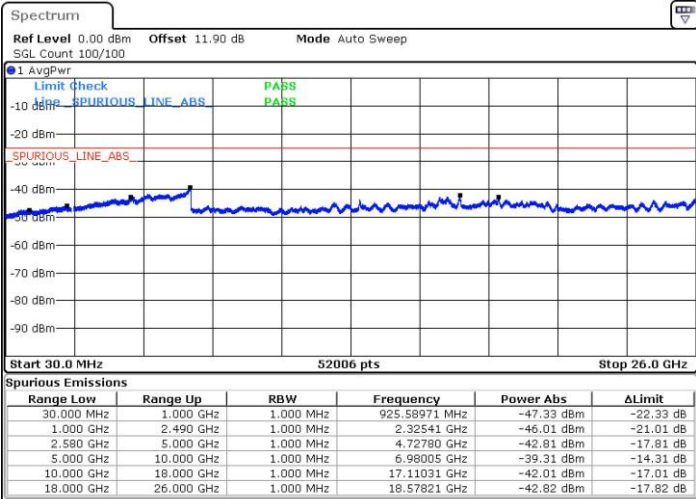


Date: 8.OCT.2016 11:16:17

Date: 8.OCT.2016 11:17:14

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.OCT.2016 11:23:39

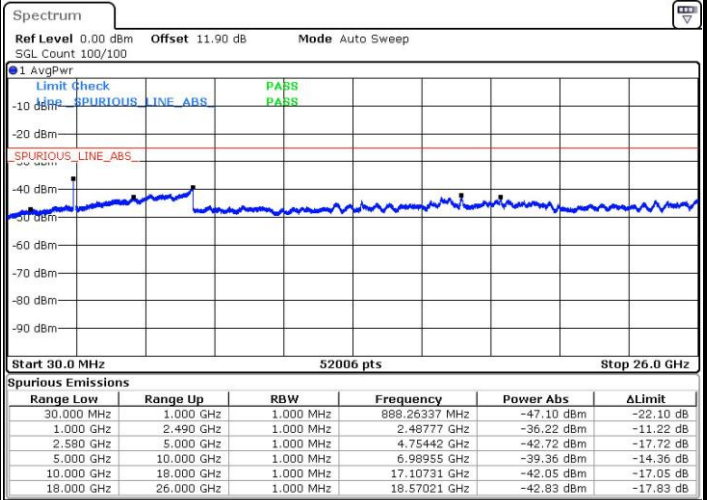
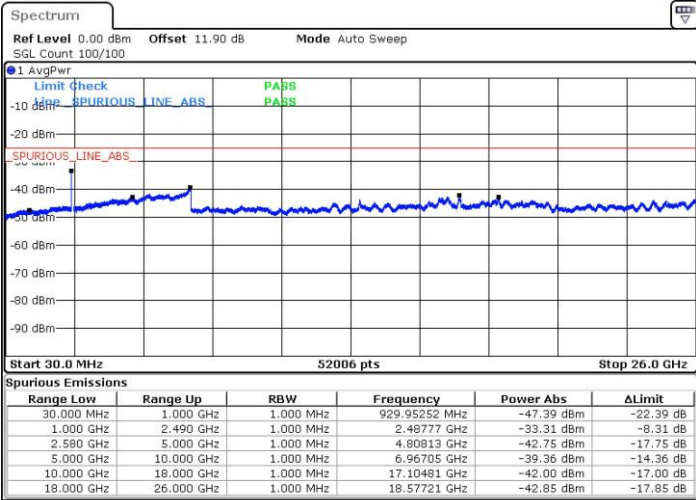
Date: 8.OCT.2016 11:24:38



LTE Band 7 / 15MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

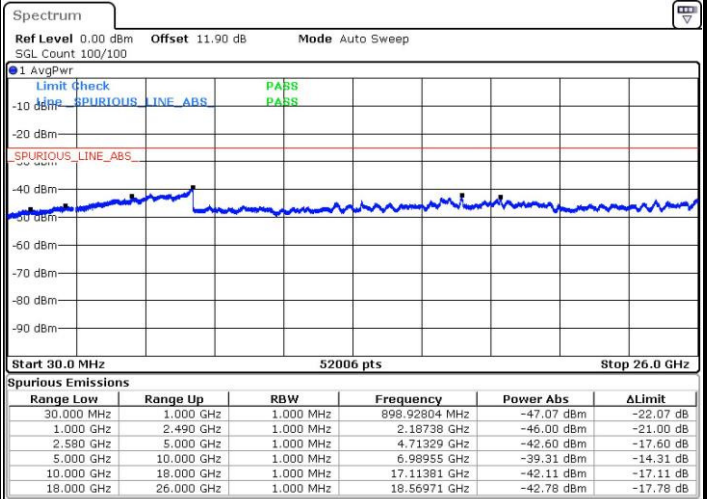
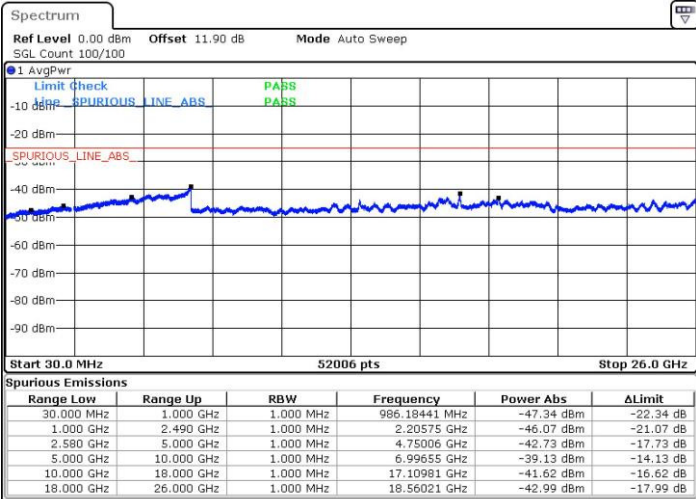


Date: 8.OCT.2016 11:31:02

Date: 8.OCT.2016 11:32:00

Middle Channel / QPSK

Middle Channel / 16QAM



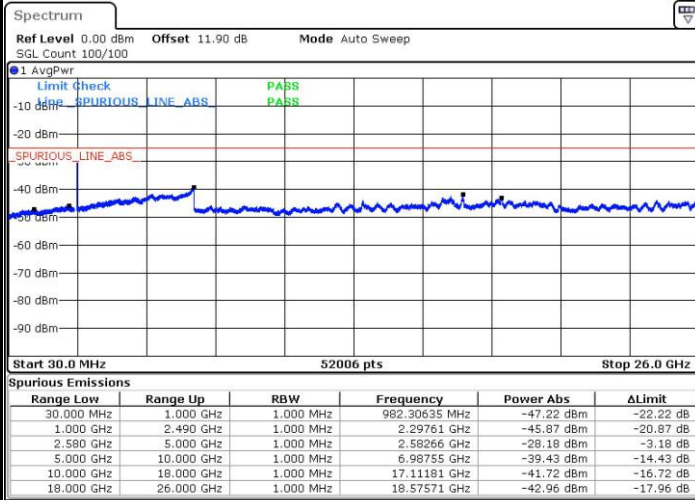
Date: 8.OCT.2016 11:33:45

Date: 8.OCT.2016 11:34:43



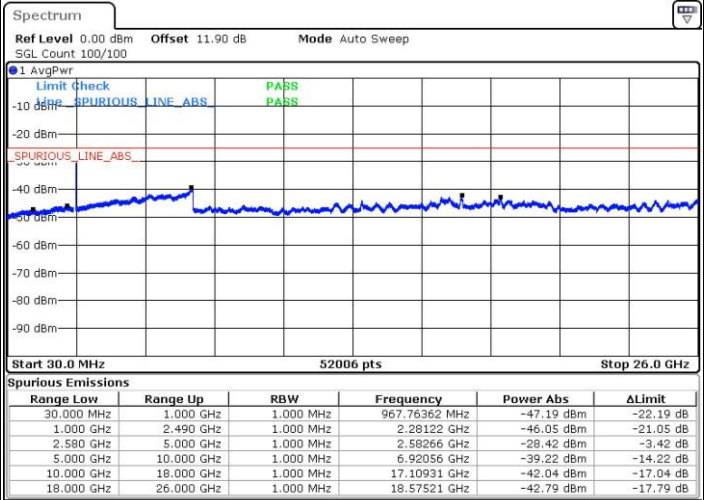
LTE Band7 / 15MHz

Highest Channel / QPSK



Date: 8.OCT.2016 11:41:08

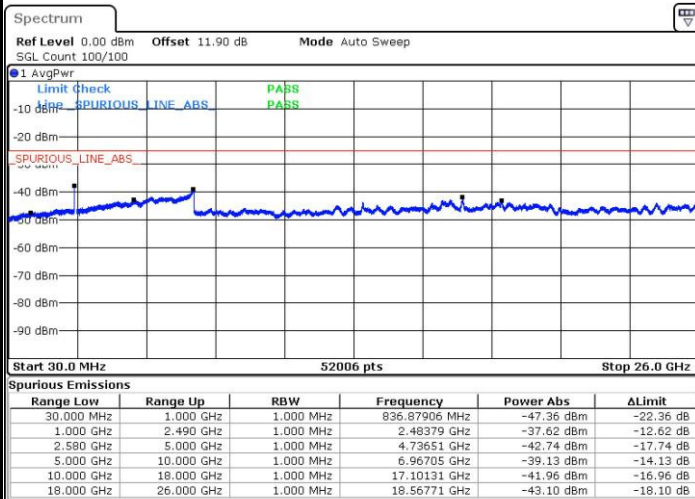
Highest Channel / 16QAM



Date: 8.OCT.2016 11:42:06

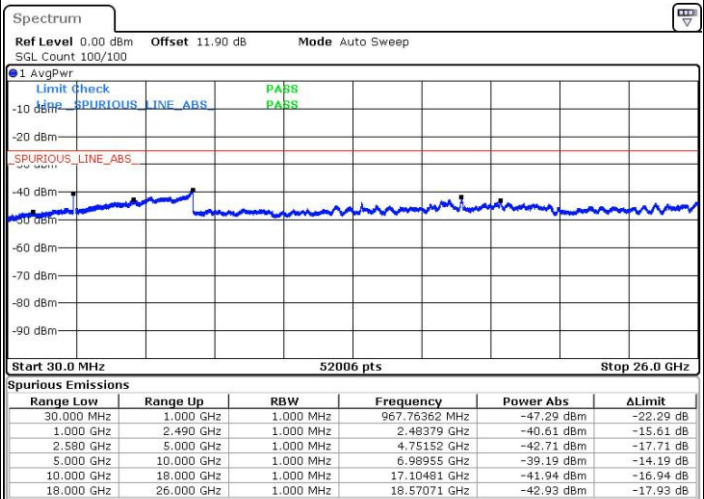
LTE Band 7 / 20MHz

Lowest Channel / QPSK



Date: 8.OCT.2016 11:48:30

Lowest Channel / 16QAM



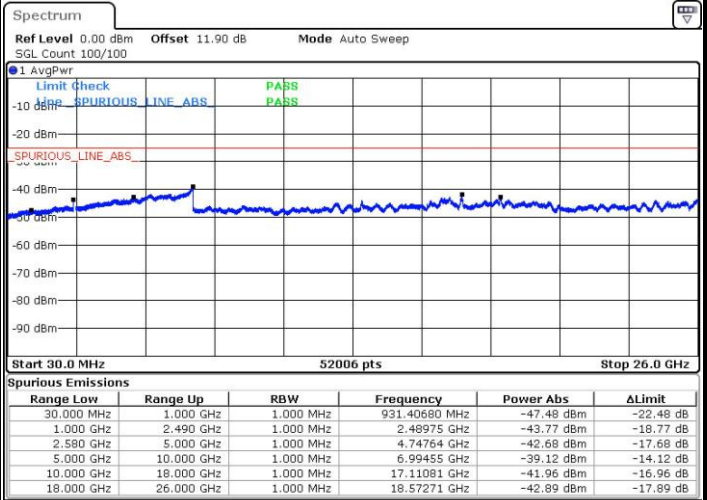
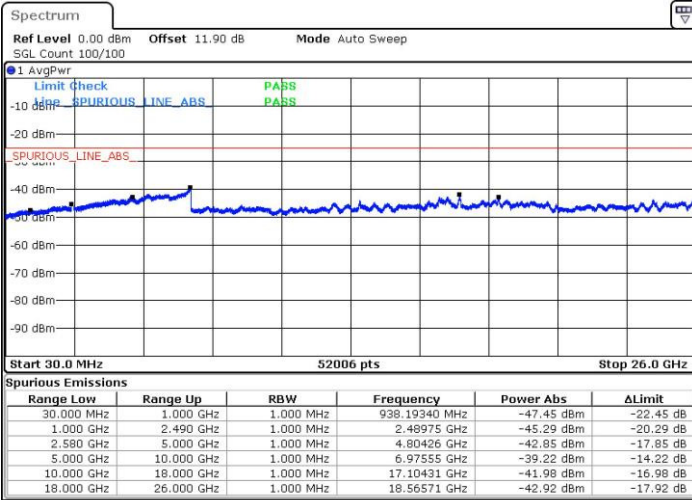
Date: 8.OCT.2016 11:49:28



LTE Band 7 / 20MHz

Middle Channel / QPSK

Middle Channel / 16QAM

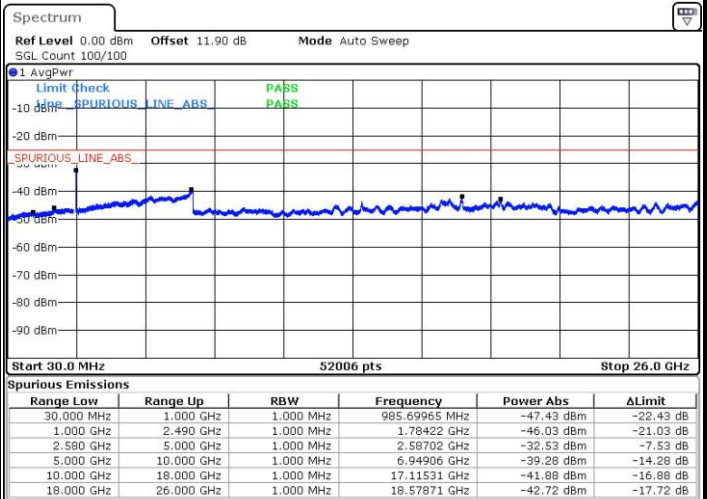
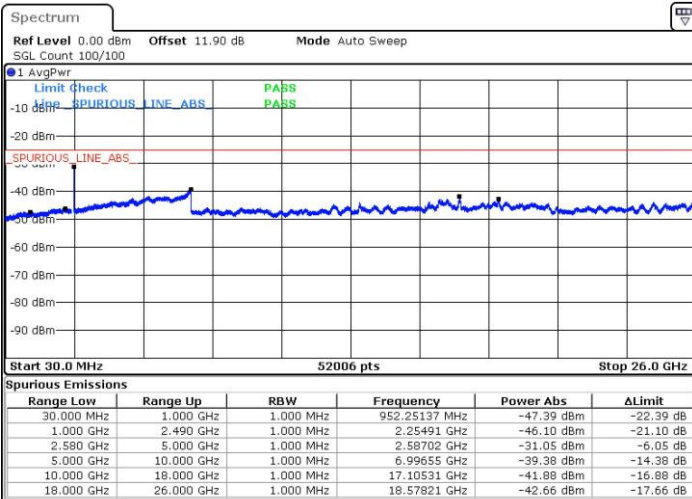


Date: 8.OCT.2016 11:51:13

Date: 8.OCT.2016 11:52:11

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 8.OCT.2016 11:58:36

Date: 8.OCT.2016 11:59:34





**Frequency Stability**

| Test Conditions  |                   | LTE Band 7 (QPSK) / Middle Channel | Limit   |
|------------------|-------------------|------------------------------------|---------|
| Temperature (°C) | Voltage (Volt)    | BW 10MHz                           | Note 2. |
|                  |                   | Deviation (ppm)                    | Result  |
| 50               | Normal Voltage    | 0.0131                             | PASS    |
| 40               | Normal Voltage    | 0.0004                             |         |
| 30               | Normal Voltage    | 0.0009                             |         |
| 20(Ref.)         | Normal Voltage    | 0.0000                             |         |
| 10               | Normal Voltage    | 0.0014                             |         |
| 0                | Normal Voltage    | 0.0090                             |         |
| -10              | Normal Voltage    | 0.0006                             |         |
| -20              | Normal Voltage    | 0.0007                             |         |
| -30              | Normal Voltage    | 0.0014                             |         |
| 20               | Maximum Voltage   | 0.0002                             |         |
| 20               | Normal Voltage    | 0.0000                             |         |
| 20               | Battery End Point | 0.0012                             |         |

**Note:**

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



## LTE Band 41

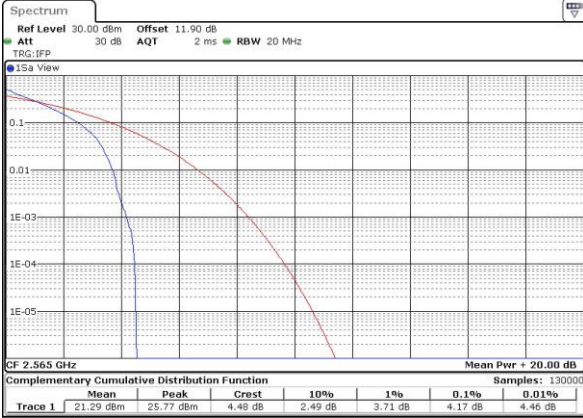
### Peak-to-Average Ratio

| Mode       | LTE Band 41 / 20MHz |         |       |         |             |
|------------|---------------------|---------|-------|---------|-------------|
| Mod.       | QPSK                |         | 16QAM |         | Limit: 13dB |
| RB Size    | 1RB                 | Full RB | 1RB   | Full RB | Result      |
| Lowest CH  | 4.17                | 5.28    | 5.13  | 6.17    | <b>PASS</b> |
| Middle CH  | 3.94                | 5.04    | 4.7   | 5.91    |             |
| Highest CH | 3.77                | 4.81    | 4.72  | 5.77    |             |



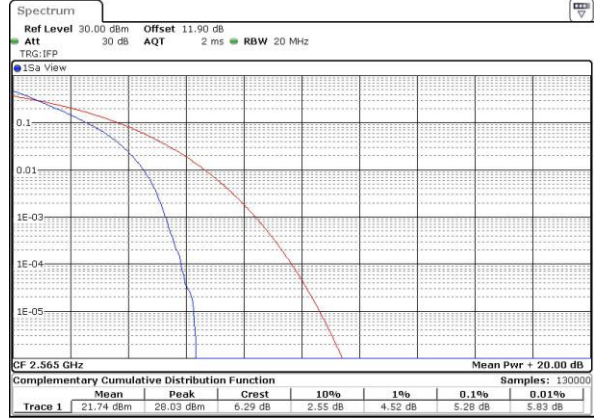
LTE Band 41 / 20MHz / QPSK

Lowest Channel / 1RB



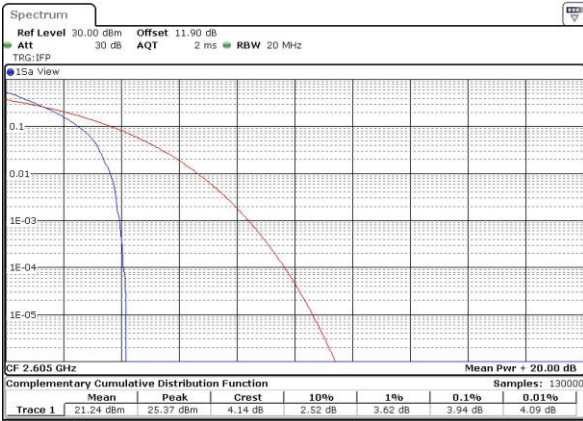
Date: 8.OCT.2016 12:29:00

Lowest Channel / Full RB



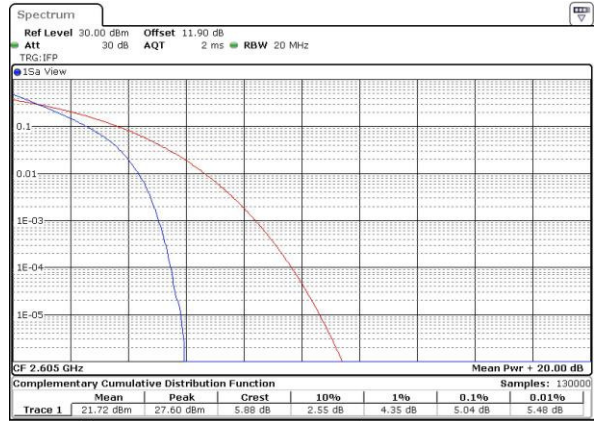
Date: 8.OCT.2016 12:30:06

Middle Channel / 1RB



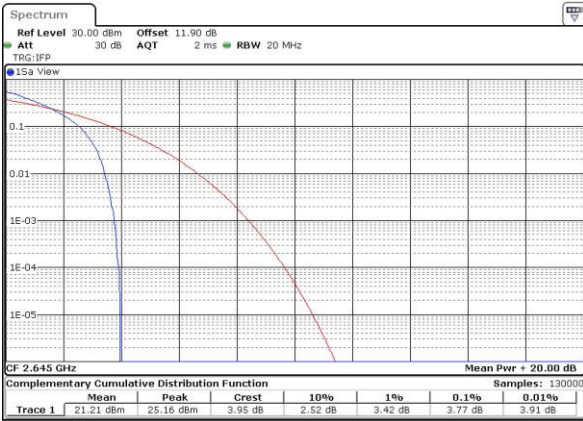
Date: 8.OCT.2016 12:30:36

Middle Channel / Full RB



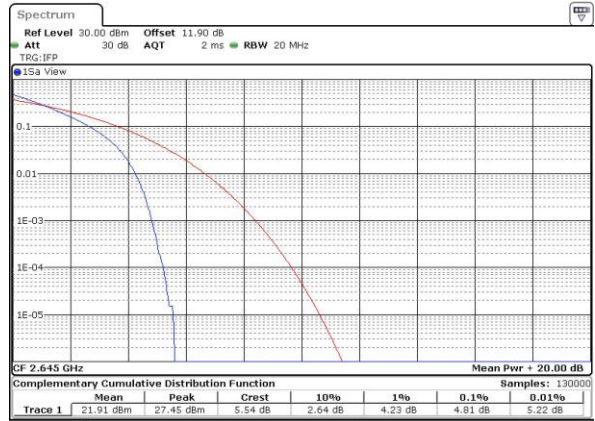
Date: 8.OCT.2016 12:31:09

Highest Channel / 1RB



Date: 8.OCT.2016 12:31:28

Highest Channel / Full RB



Date: 8.OCT.2016 12:31:48