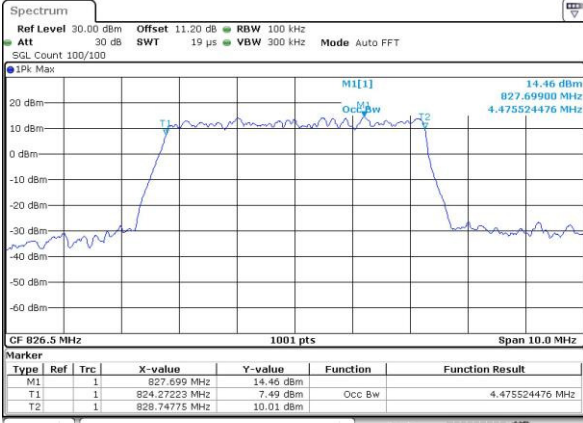




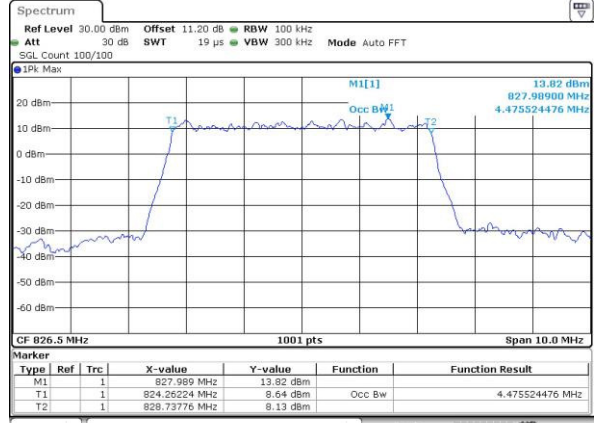
LTE Band 5

Lowest Channel / 5MHz / QPSK



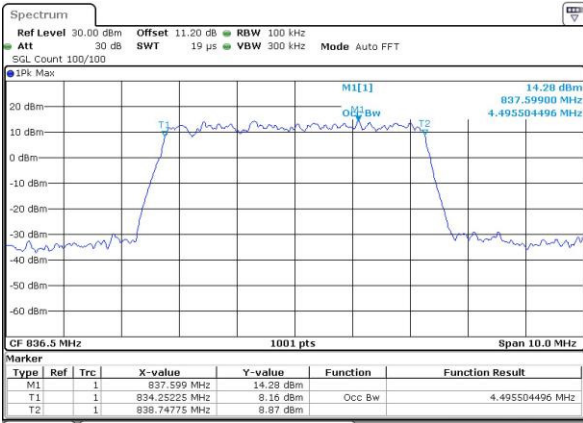
Date: 10.FEB.2016 11:49:12

Lowest Channel / 5MHz / 16QAM



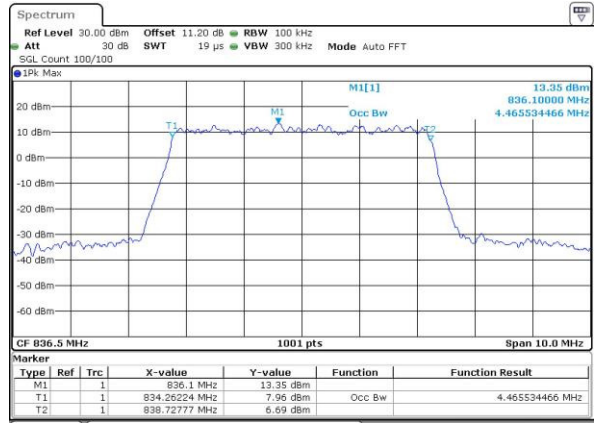
Date: 10.FEB.2016 11:49:24

Middle Channel / 5MHz / QPSK



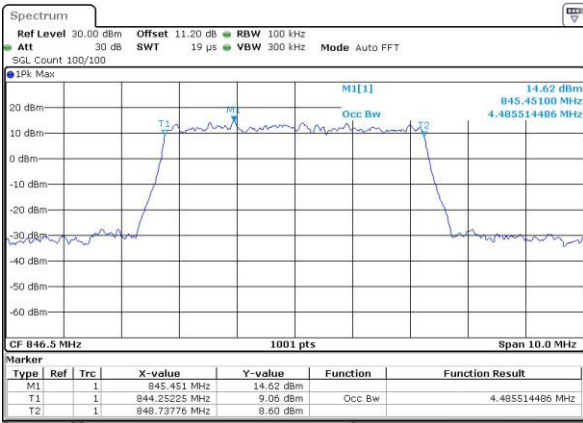
Date: 10.FEB.2016 12:00:06

Middle Channel / 5MHz / 16QAM



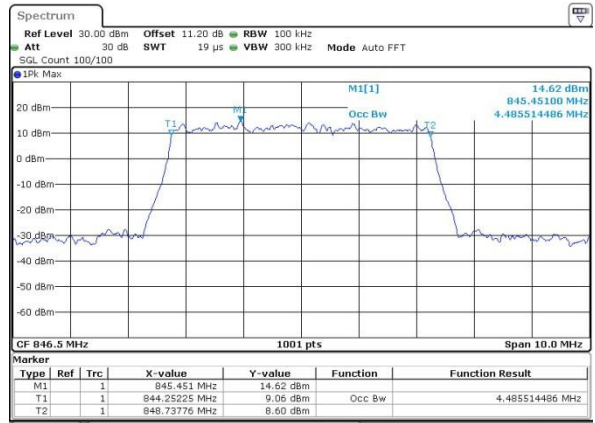
Date: 10.FEB.2016 12:00:18

Highest Channel / 5MHz / QPSK



Date: 10.FEB.2016 12:02:50

Highest Channel / 5MHz / 16QAM

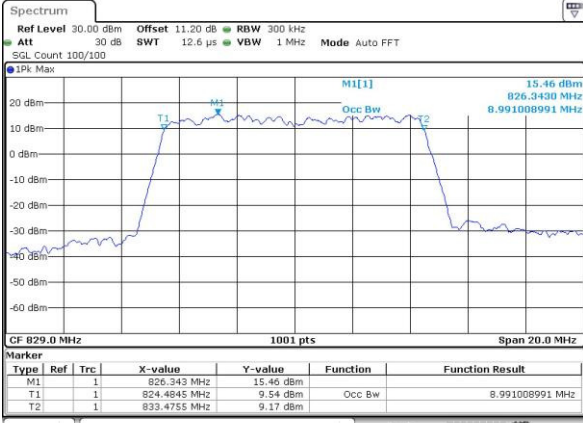


Date: 10.FEB.2016 12:02:50



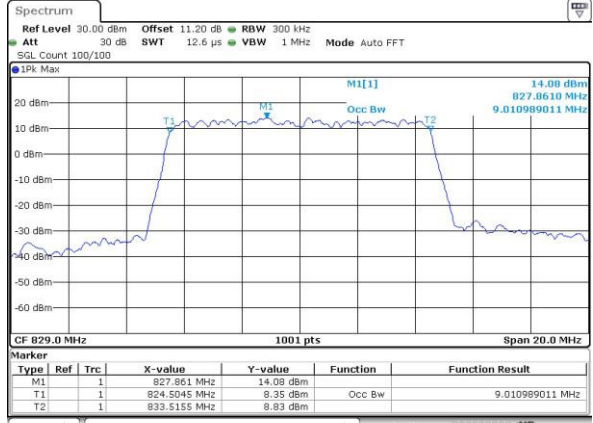
LTE Band 5

Lowest Channel / 10MHz / QPSK



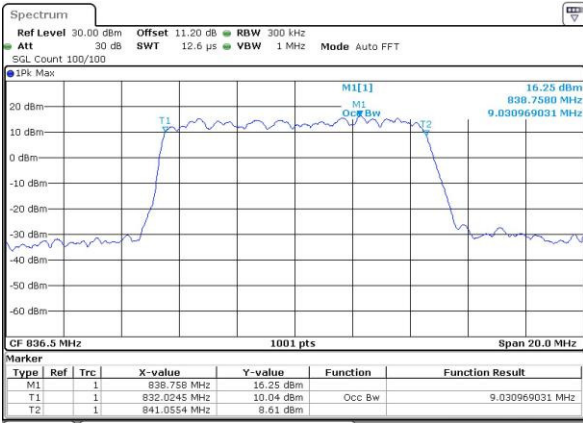
Date: 10.FEB.2016 12:47:38

Lowest Channel / 10MHz / 16QAM



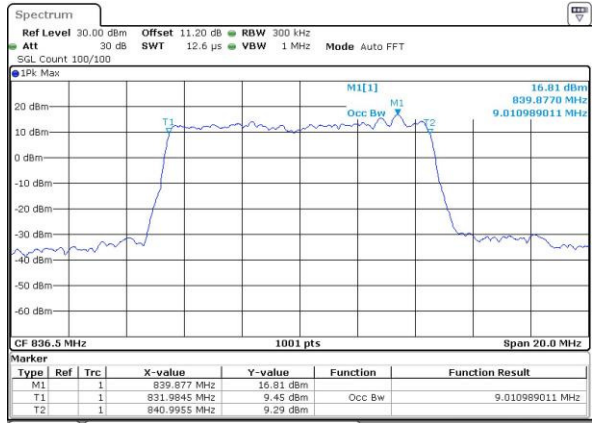
Date: 10.FEB.2016 12:47:51

Middle Channel / 10MHz / QPSK



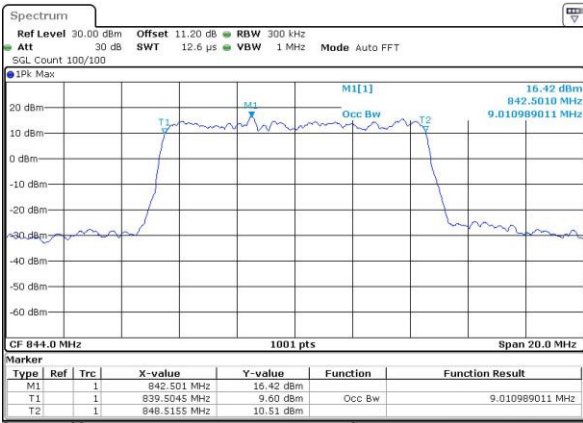
Date: 10.FEB.2016 12:58:33

Middle Channel / 10MHz / 16QAM



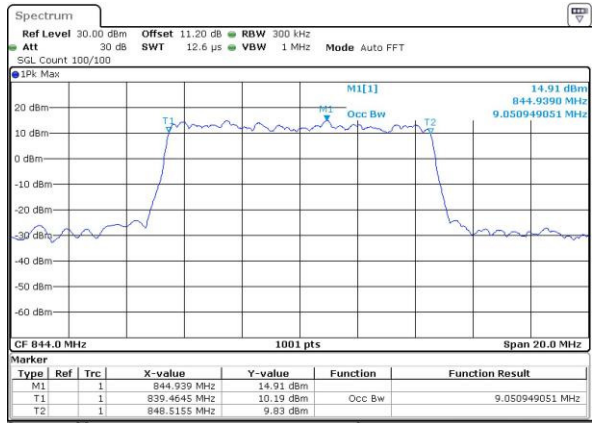
Date: 10.FEB.2016 12:58:45

Highest Channel / 10MHz / QPSK



Date: 10.FEB.2016 13:01:17

Highest Channel / 10MHz / 16QAM



Date: 10.FEB.2016 13:01:28



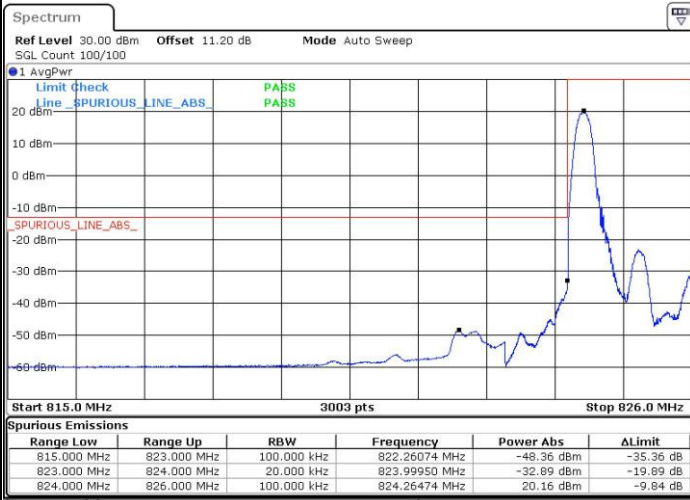
Conducted Band Edge



LTE Band 5 / 1.4MHz / QPSK

Lowest Band Edge / 1RB

Highest Band Edge / 1RB



Date: 10.FEB.2016 13:14:47

Date: 10.FEB.2016 13:32:28

Lowest Band Edge / Full RB

Highest Band Edge / Full RB



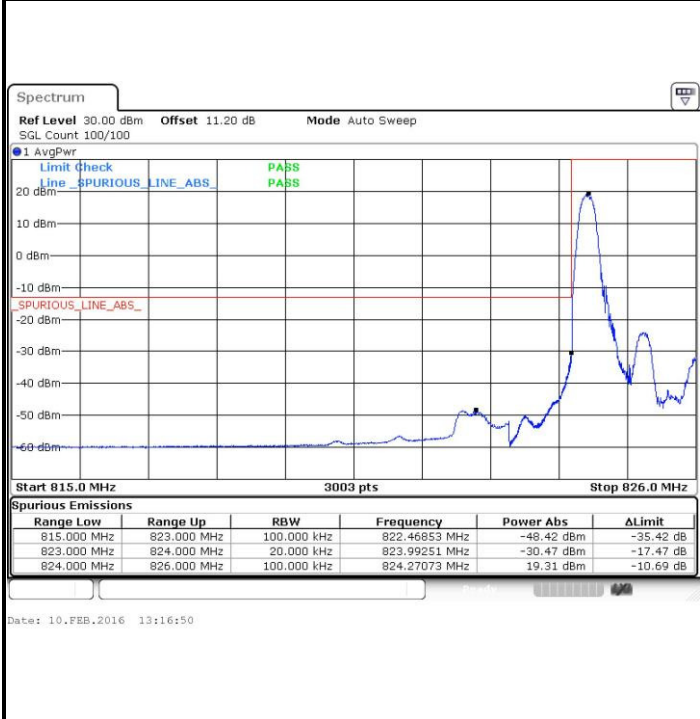
Date: 10.FEB.2016 13:18:52

Date: 10.FEB.2016 13:28:23

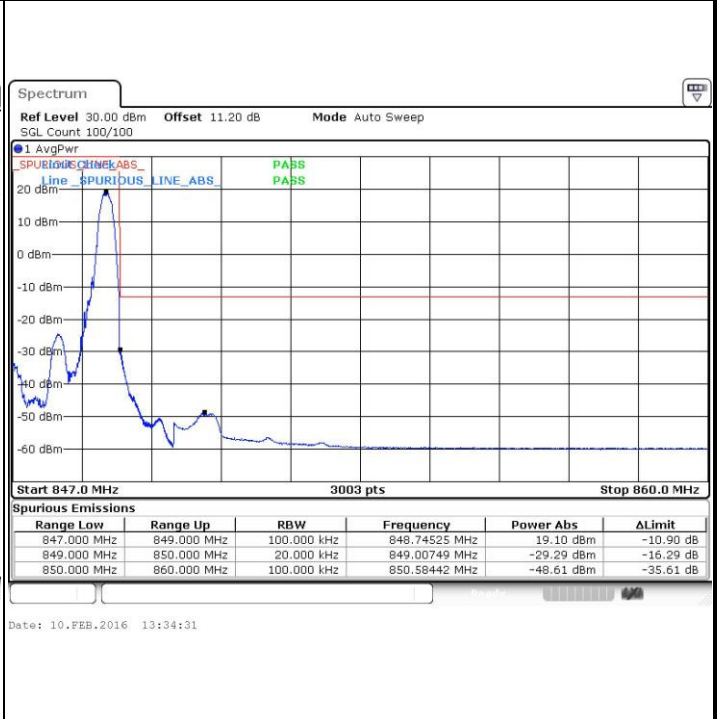


LTE Band 5 / 1.4MHz / 16QAM

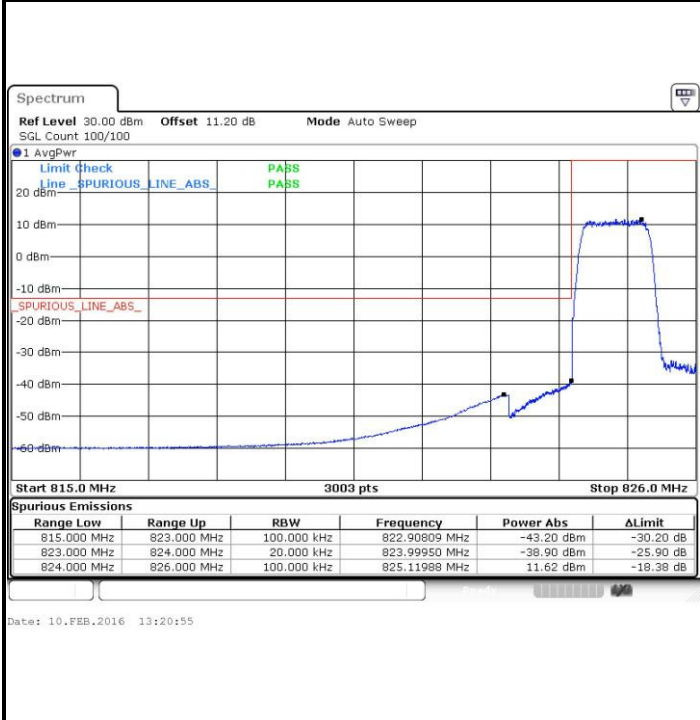
Lowest Band Edge / 1 RB



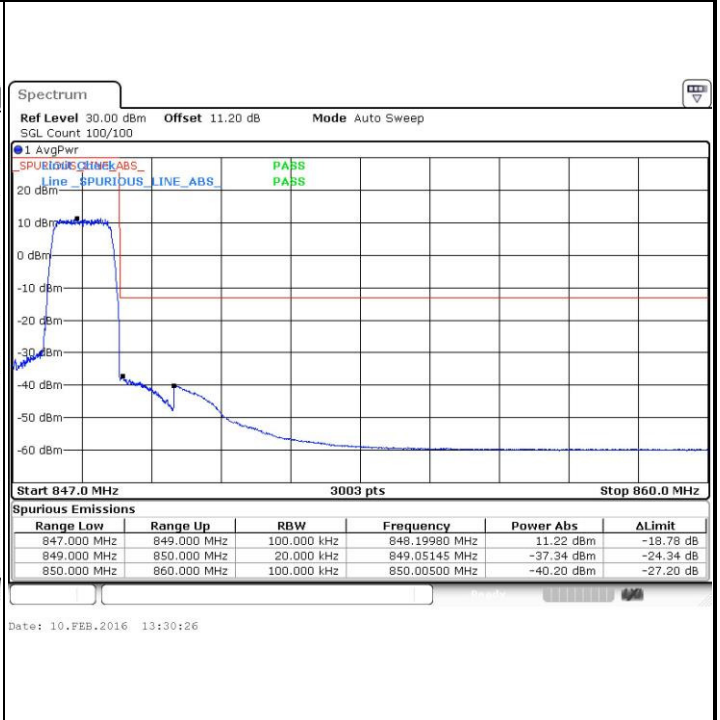
Highest Band Edge / 1 RB



Lowest Band Edge / Full RB



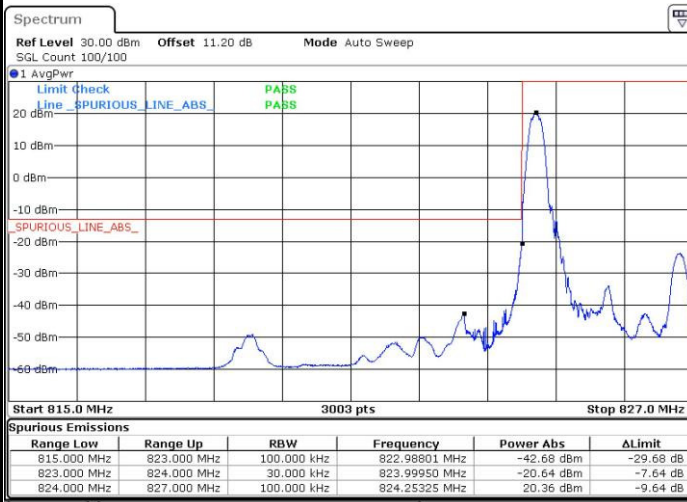
Highest Band Edge / Full RB





LTE Band 5 / 3MHz / QPSK

Lowest Band Edge / 1RB



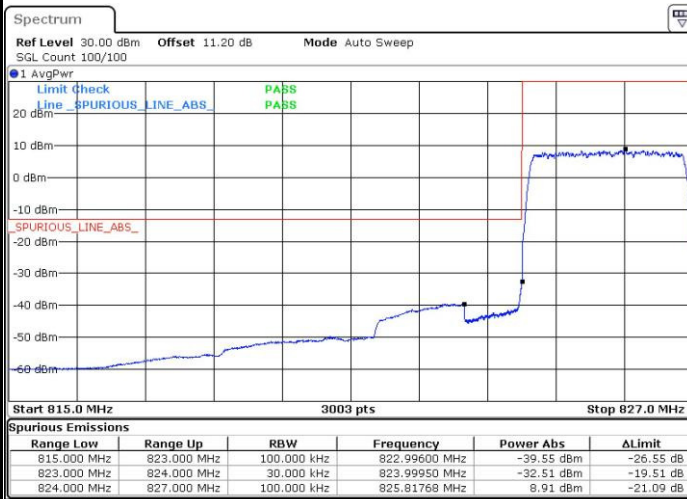
Date: 10.FEB.2016 11:27:19

Highest Band Edge / 1 RB



Date: 10.FEB.2016 11:40:56

Lowest Band Edge / Full RB



Date: 10.FEB.2016 11:31:24

Highest Band Edge / Full RB

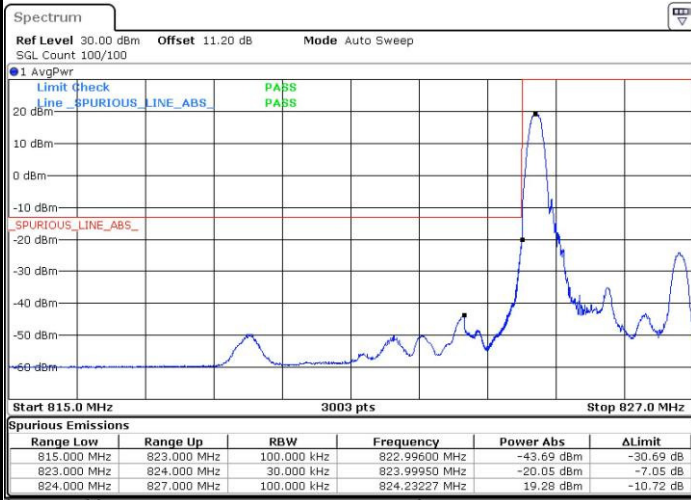


Date: 10.FEB.2016 11:45:01



LTE Band 5 / 3MHz / 16QAM

Lowest Band Edge / 1 RB



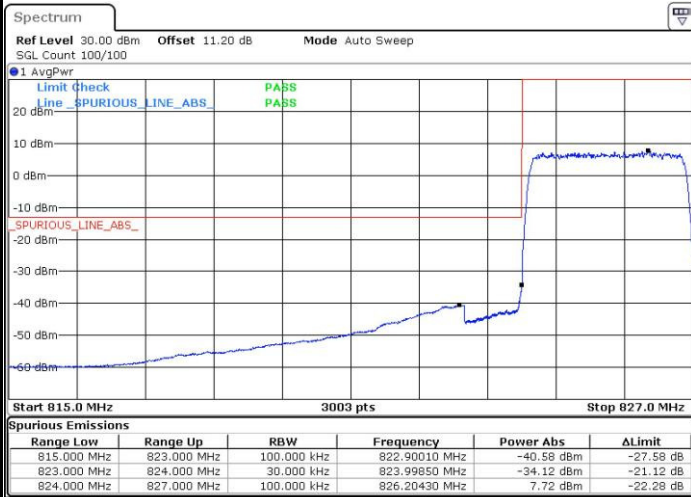
Date: 10.FEB.2016 11:29:21

Highest Band Edge / 1 RB



Date: 10.FEB.2016 11:42:58

Lowest Band Edge / Full RB



Date: 10.FEB.2016 11:33:26

Highest Band Edge / Full RB

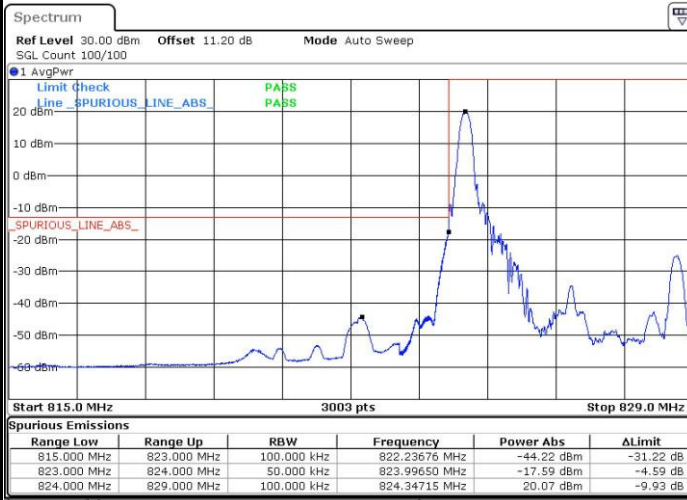


Date: 10.FEB.2016 11:47:03



LTE Band 5 / 5MHz / QPSK

Lowest Band Edge / 1 RB



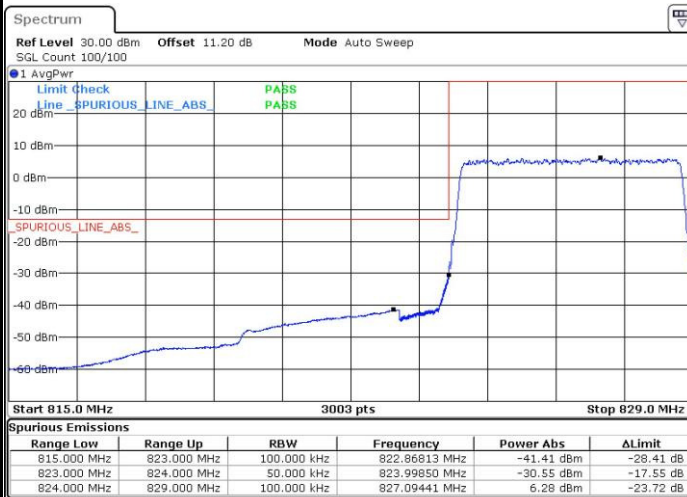
Date: 10.FEB.2016 11:51:49

Highest Band Edge / 1 RB



Date: 10.FEB.2016 12:05:31

Lowest Band Edge / Full RB



Date: 10.FEB.2016 11:55:54

Highest Band Edge / Full RB

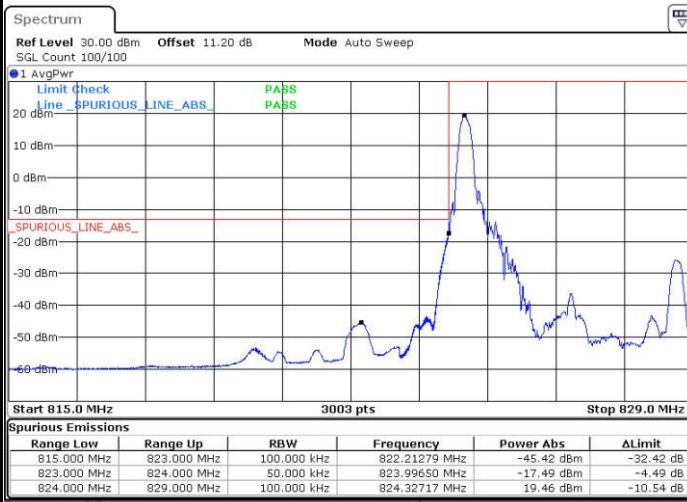


Date: 10.FEB.2016 12:09:37



LTE Band 5 / 5MHz / 16QAM

Lowest Band Edge / 1RB



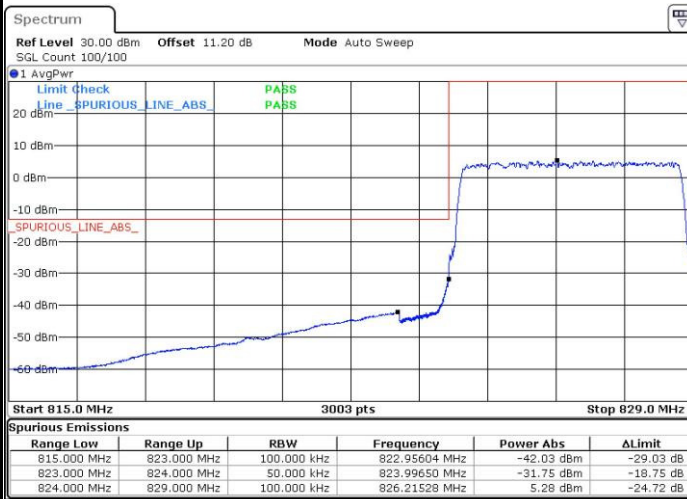
Date: 10.FEB.2016 11:53:51

Highest Band Edge / 1 RB



Date: 10.FEB.2016 12:07:35

Lowest Band Edge / Full RB



Date: 10.FEB.2016 11:57:56

Highest Band Edge / Full RB

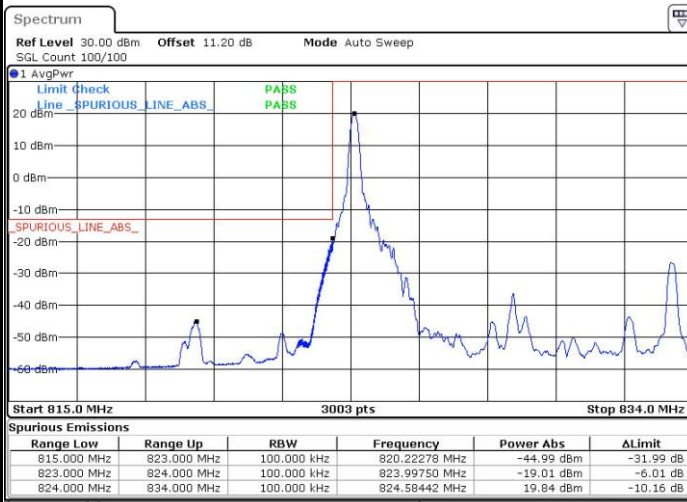


Date: 10.FEB.2016 12:11:40



LTE Band 5 / 10MHz / QPSK

Lowest Band Edge / 1 RB



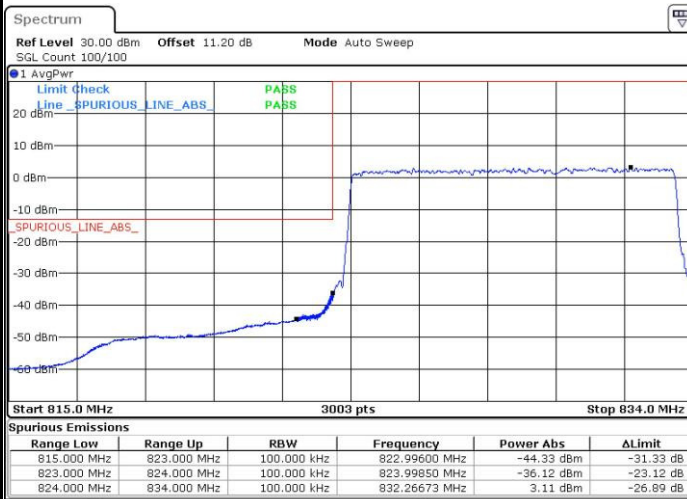
Date: 10.FEB.2016 12:50:18

Highest Band Edge / 1 RB



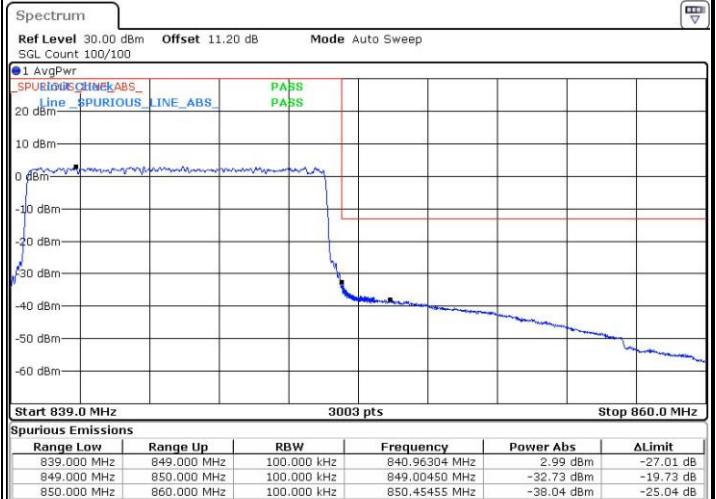
Date: 10.FEB.2016 13:03:54

Lowest Band Edge / Full RB



Date: 10.FEB.2016 12:54:23

Highest Band Edge / Full RB

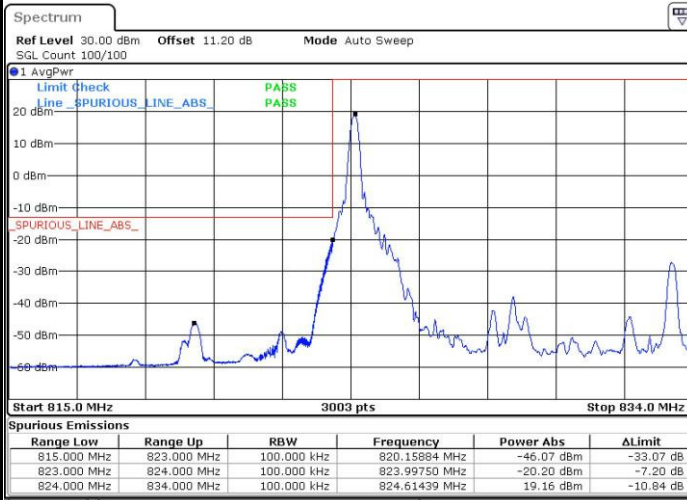


Date: 10.FEB.2016 13:07:59



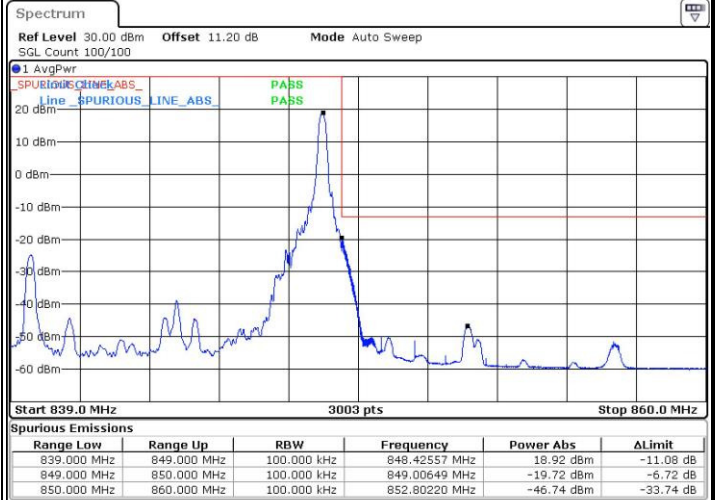
LTE Band 5 / 10MHz / 16QAM

Lowest Band Edge / 1 RB



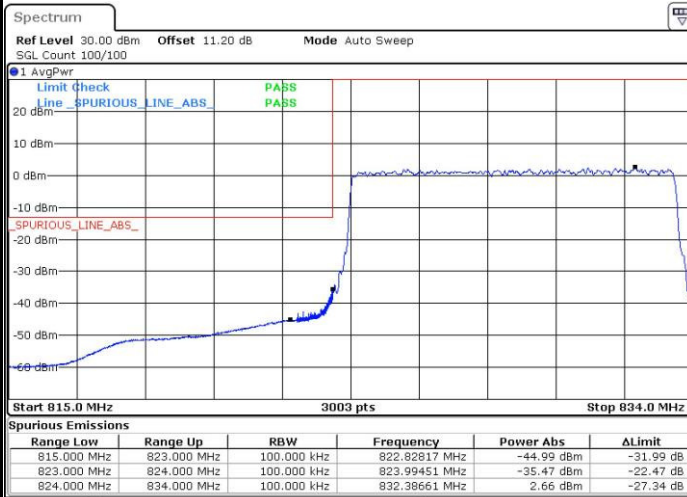
Date: 10.FEB.2016 12:52:20

Highest Band Edge / 1 RB



Date: 10.FEB.2016 13:05:56

Lowest Band Edge / Full RB



Date: 10.FEB.2016 12:56:25

Highest Band Edge / Full RB



Date: 10.FEB.2016 13:10:01



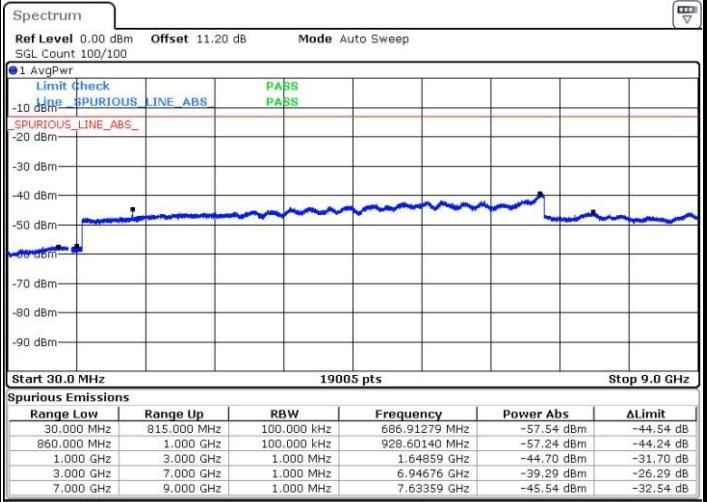
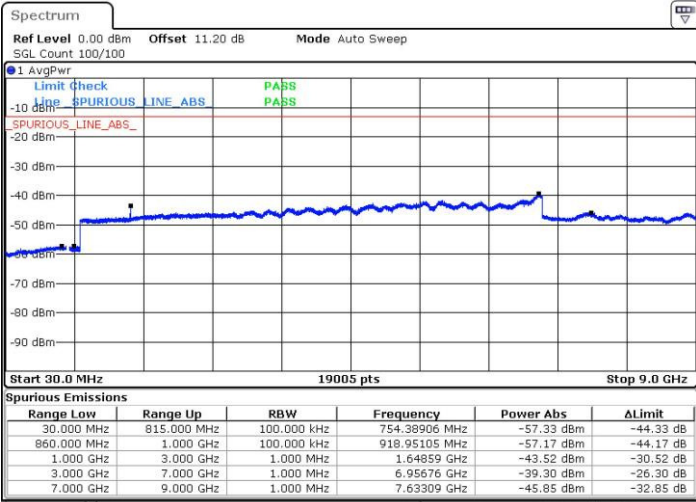
Conducted Spurious Emission



LTE Band 5 / 1.4MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

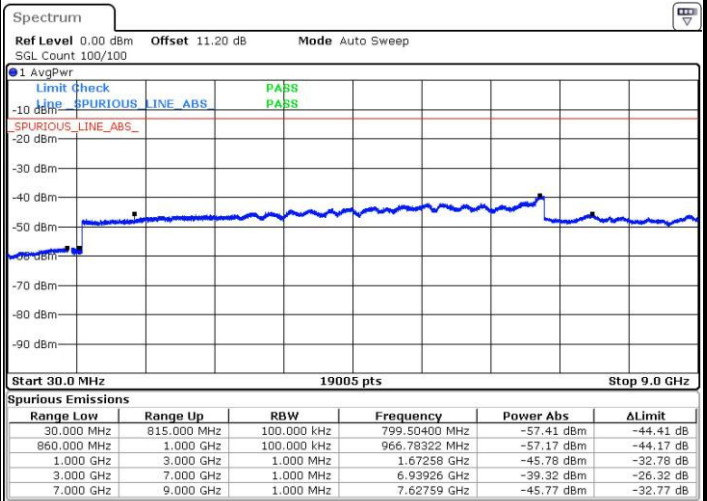
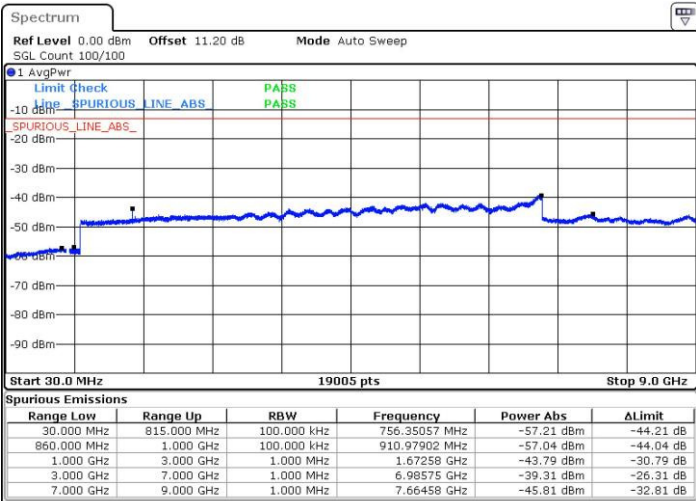


Date: 10.FEB.2016 13:21:52

Date: 10.FEB.2016 13:22:50

Middle Channel / QPSK

Middle Channel / 16QAM



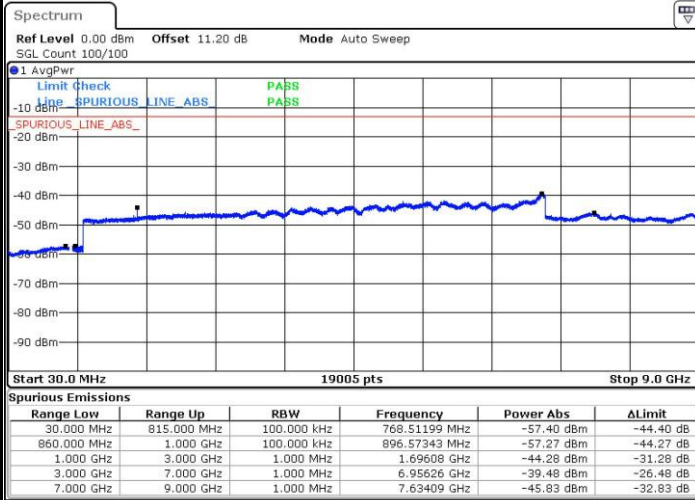
Date: 10.FEB.2016 13:24:35

Date: 10.FEB.2016 13:25:33



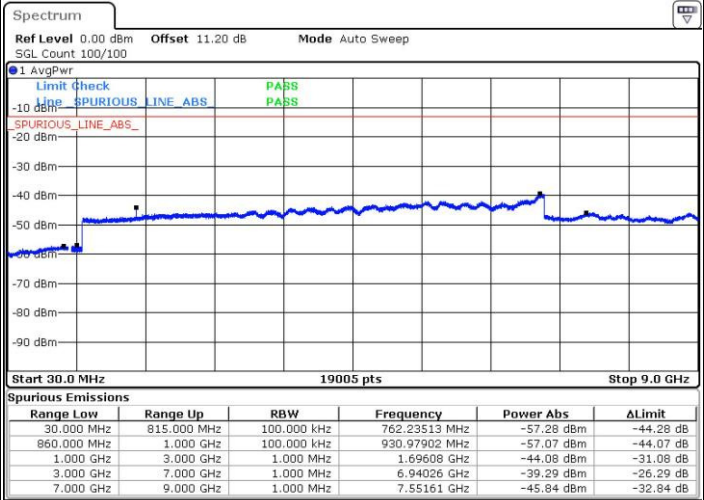
LTE Band 5 / 1.4MHz

Highest Channel / QPSK



Date: 10.FEB.2016 13:35:28

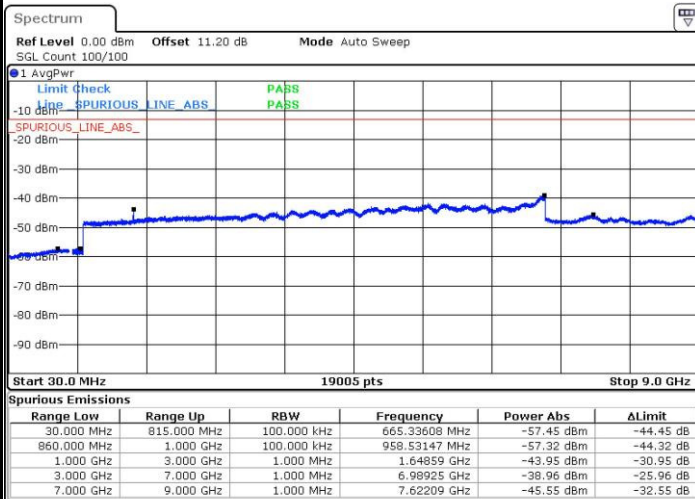
Highest Channel / 16QAM



Date: 10.FEB.2016 13:36:26

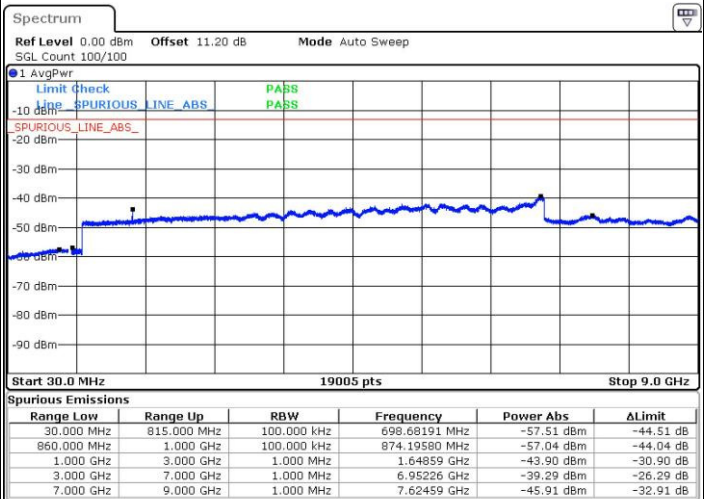
LTE Band 5 / 3MHz

Lowest Channel / QPSK



Date: 10.FEB.2016 11:34:24

Lowest Channel / 16QAM



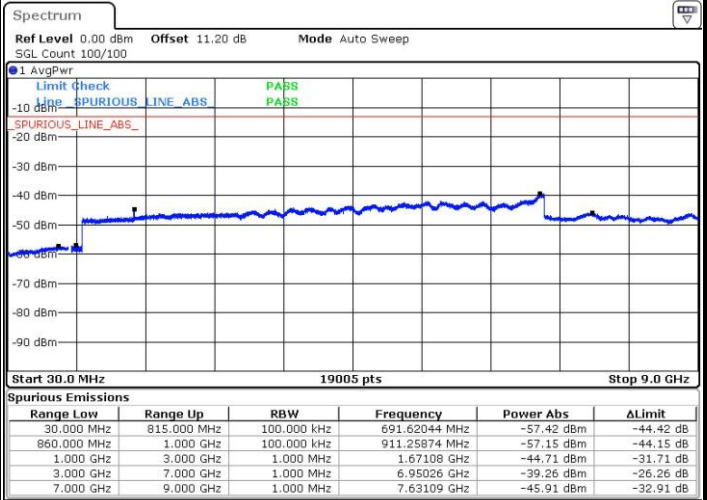
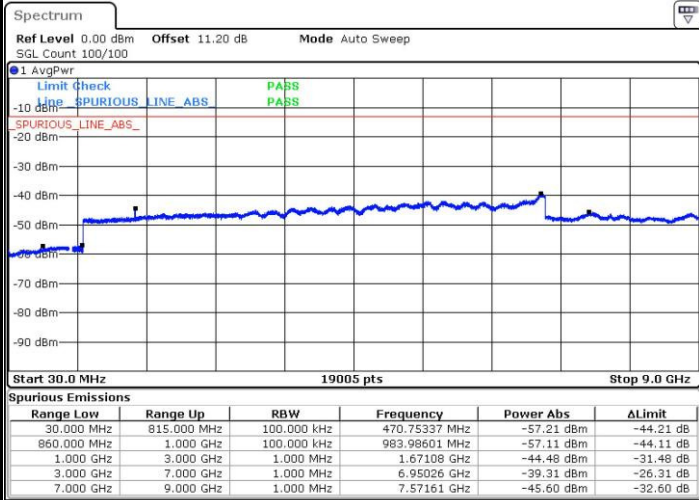
Date: 10.FEB.2016 11:35:22



LTE Band 5 / 3MHz

Middle Channel / QPSK

Middle Channel / 16QAM

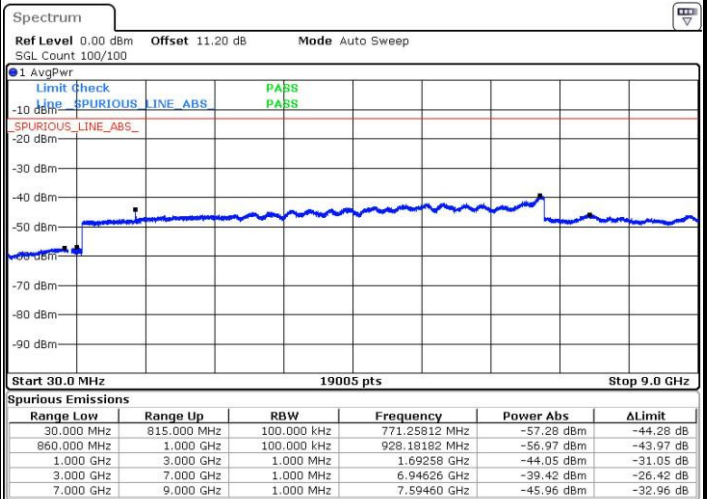
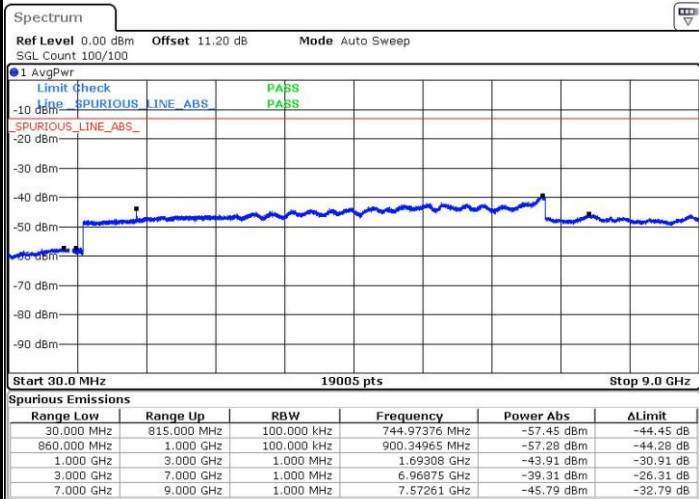


Date: 10.FEB.2016 11:37:08

Date: 10.FEB.2016 11:38:06

Highest Channel / QPSK

Highest Channel / 16QAM



Date: 10.FEB.2016 11:48:01

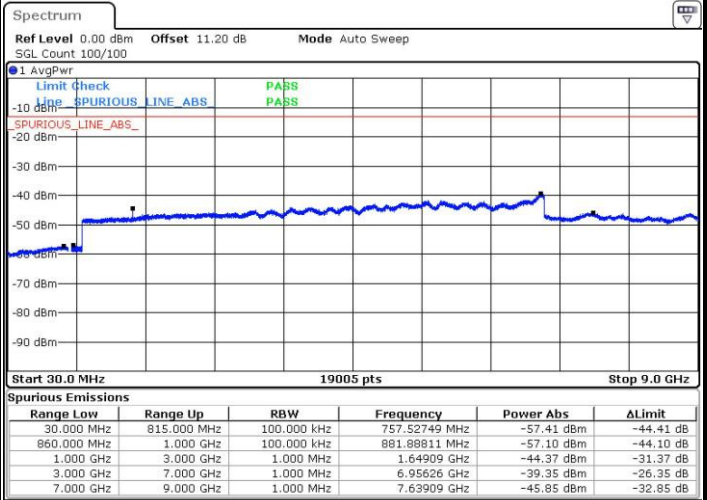
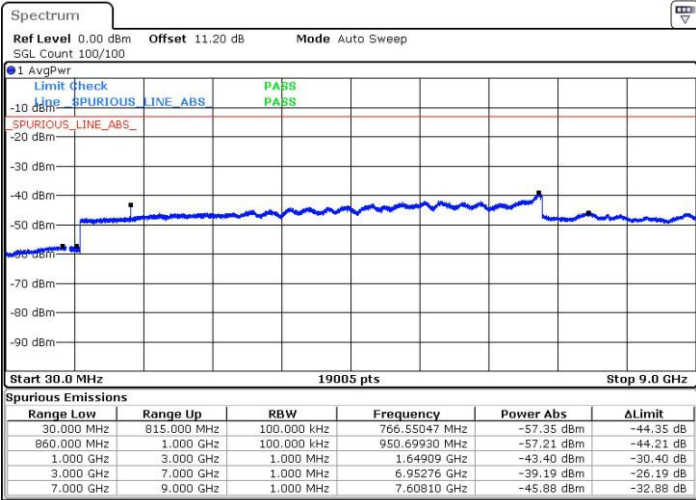
Date: 10.FEB.2016 11:48:59



LTE Band 5 / 5MHz

Lowest Channel / QPSK

Lowest Channel / 16QAM

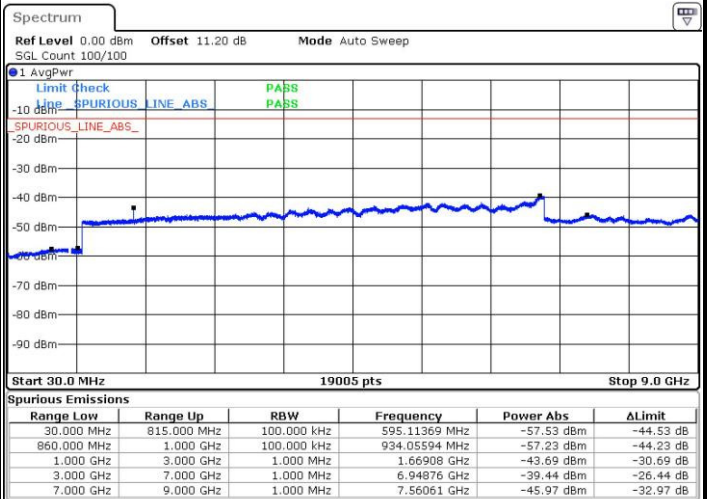
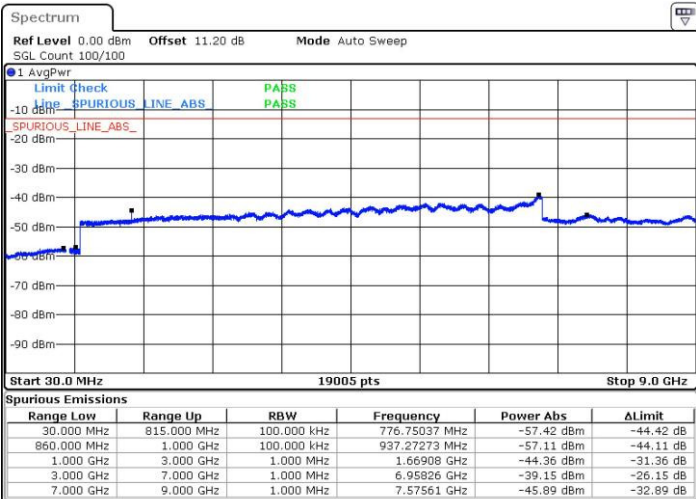


Date: 10.FEB.2016 11:58:54

Date: 10.FEB.2016 11:59:54

Middle Channel / QPSK

Middle Channel / 16QAM



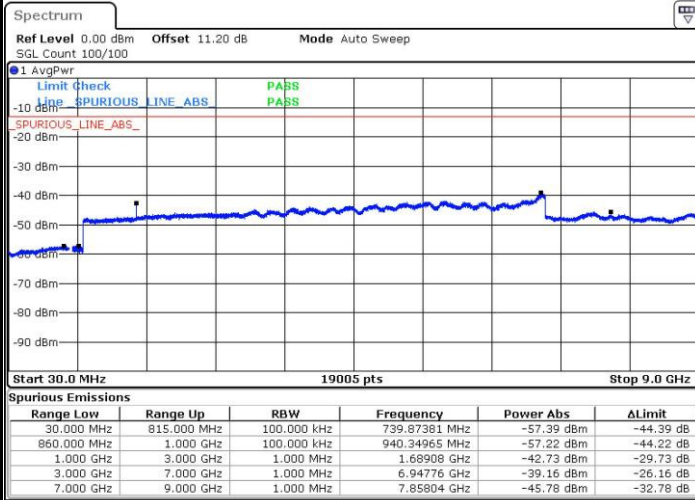
Date: 10.FEB.2016 12:01:39

Date: 10.FEB.2016 12:02:38



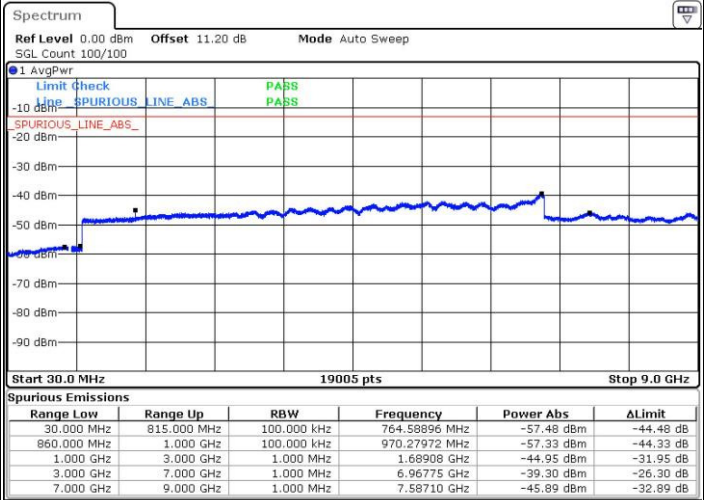
LTE Band 5 / 5MHz

Highest Channel / QPSK



Date: 10.FEB.2016 12:12:37

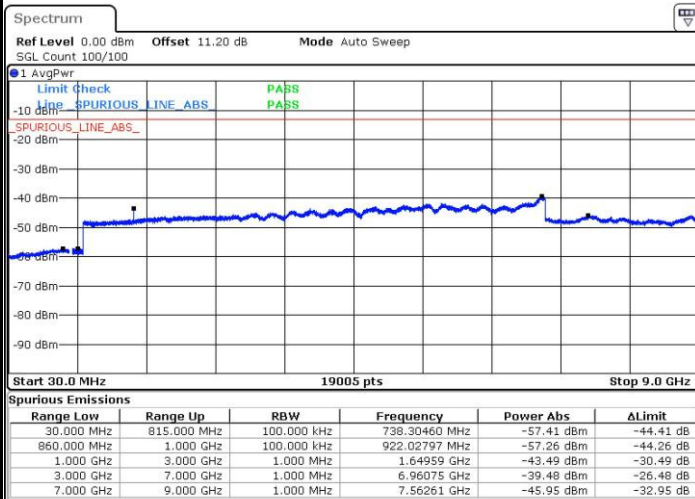
Highest Channel / 16QAM



Date: 10.FEB.2016 12:13:35

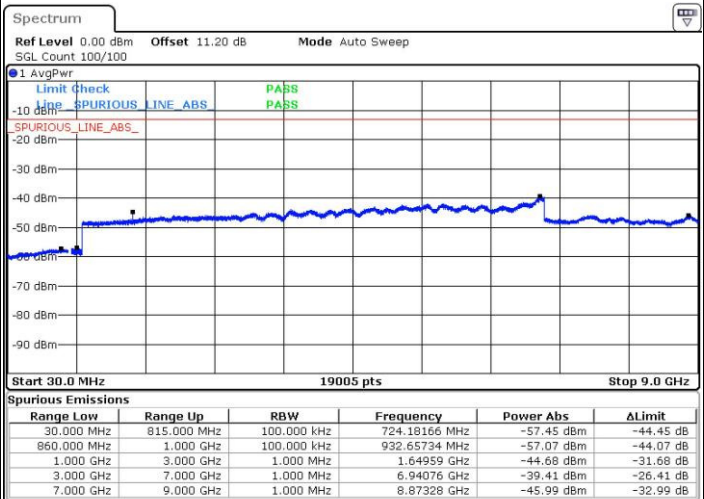
LTE Band 5 / 10MHz

Lowest Channel / QPSK



Date: 10.FEB.2016 12:57:22

Lowest Channel / 16QAM

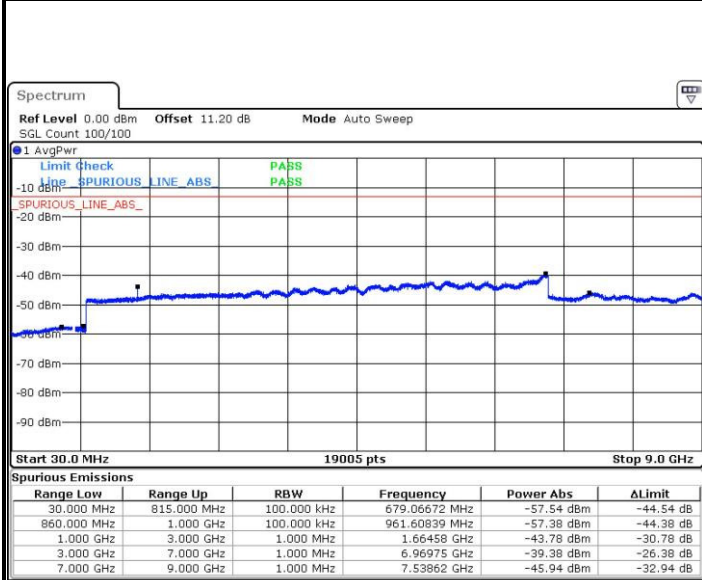


Date: 10.FEB.2016 12:58:21



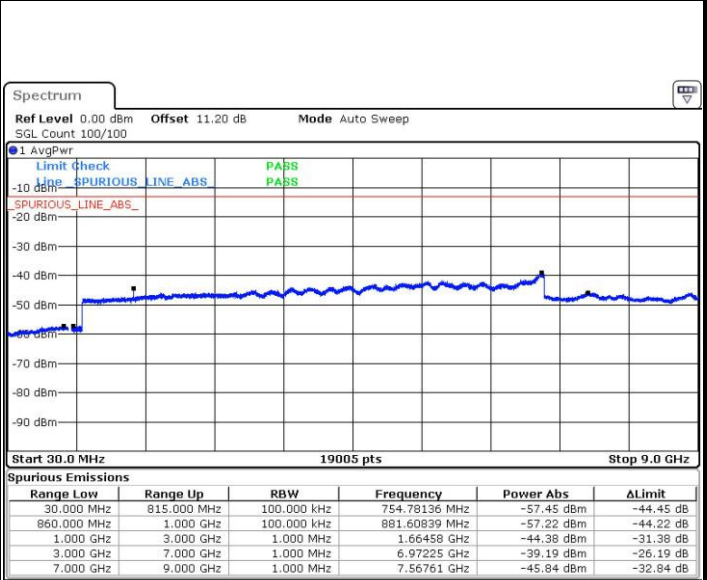
LTE Band 5 / 10MHz

Middle Channel / QPSK



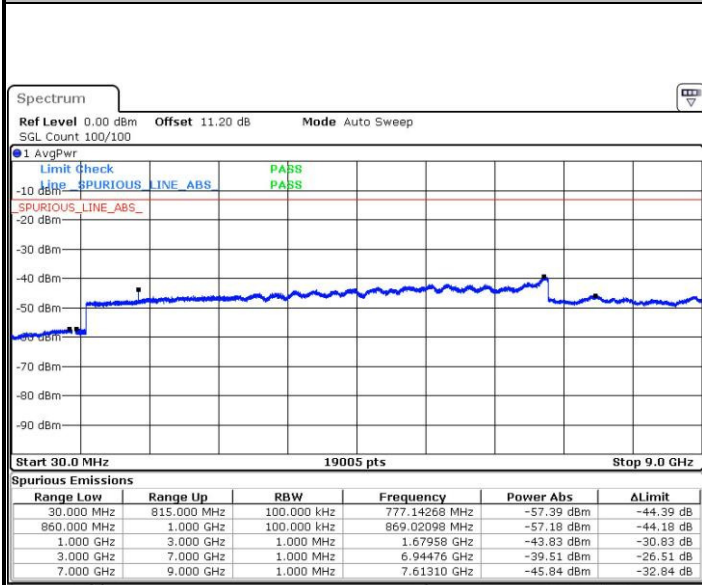
Date: 10.FEB.2016 13:00:06

Middle Channel / 16QAM



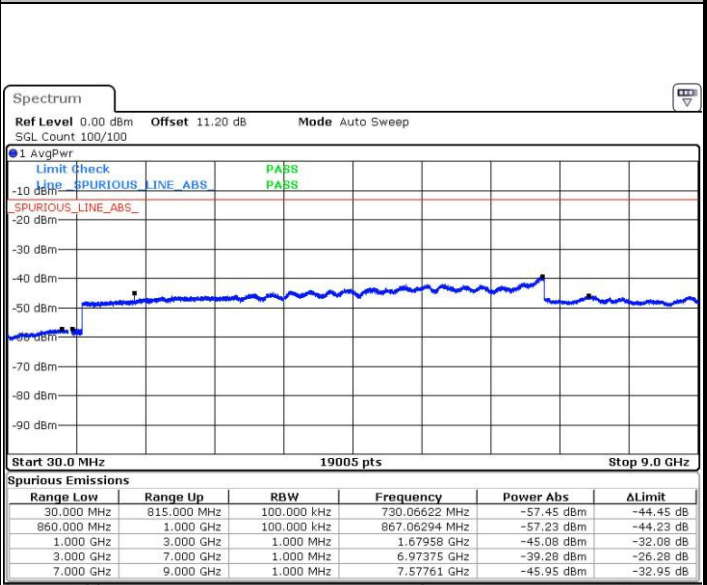
Date: 10.FEB.2016 13:01:04

Highest Channel / QPSK



Date: 10.FEB.2016 13:10:59

Highest Channel / 16QAM



Date: 10.FEB.2016 13:11:57



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 | 0.0027 | PASS |
| 40 | Normal Voltage | 0.0024 | |
| 30 | Normal Voltage | 0.0078 | |
| 20(Ref.) | Normal Voltage | 0.0000 | |
| 10 | Normal Voltage | 0.0014 | |
| 0 | Normal Voltage | 0.0000 | |
| -10 | Normal Voltage | 0.0017 | |
| -20 | Normal Voltage | 0.0006 | |
| -30 | Normal Voltage | 0.0010 | |
| 20 | Maximum Voltage | 0.0005 | |
| 20 | Normal Voltage | 0.0000 | |
| 20 | Battery End Point | 0.0002 | |

Note:

1. Normal Voltage = 3.7V. ; Battery End Point (BEP) = 3.5 V. ; Maximum Voltage =4.1 V
2. Note: The frequency fundamental emissions stay within the authorized frequency block.



LTE Band 7

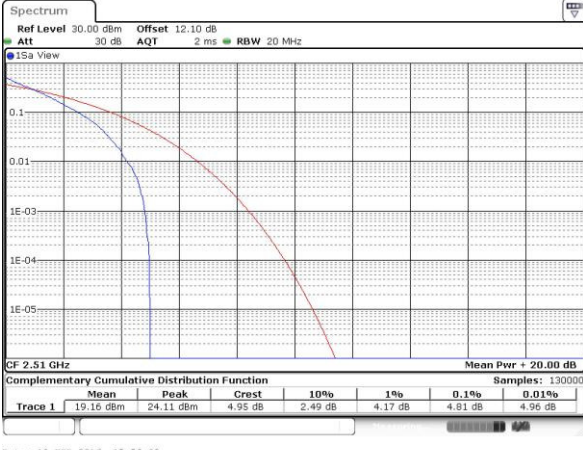
Peak-to-Average Ratio

| Mode | LTE Band 7 / 20MHz | | | | |
|------------|--------------------|---------|-------|---------|-------------|
| Mod. | QPSK | | 16QAM | | Limit: 13dB |
| RB Size | 1RB | Full RB | 1RB | Full RB | Result |
| Lowest CH | 4.81 | 5.04 | 5.71 | 5.94 | PASS |
| Middle CH | 4.7 | 5.07 | 6.09 | 6 | |
| Highest CH | 4.67 | 5.22 | 6 | 6 | |



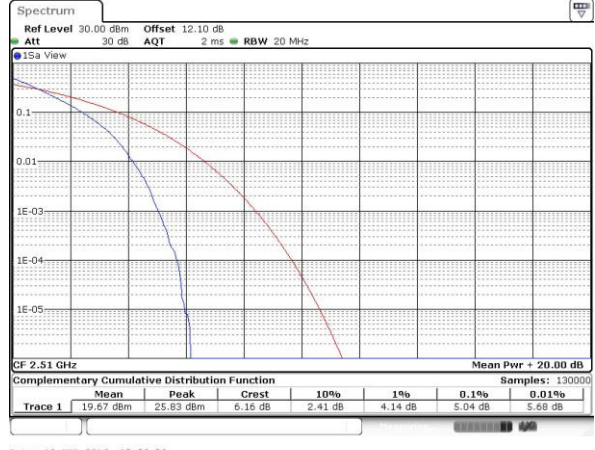
LTE Band 7 / 20MHz / QPSK

Lowest Channel / 1RB



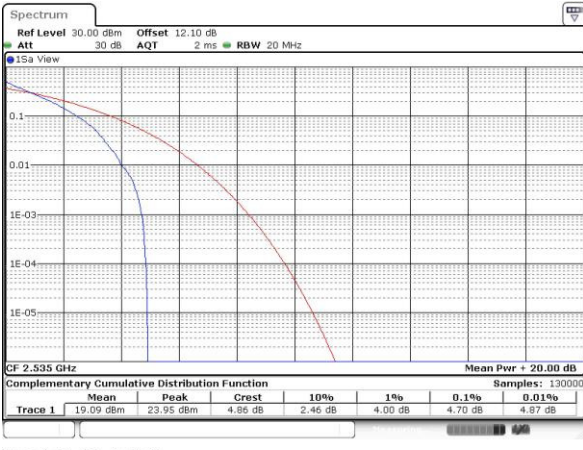
Date: 10.FEB.2016 15:50:09

Lowest Channel / Full RB



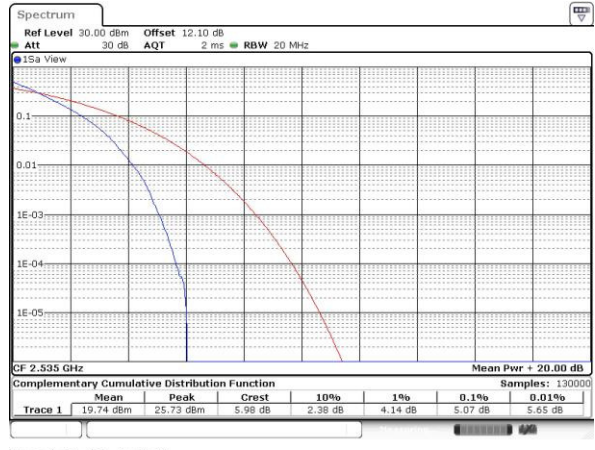
Date: 10.FEB.2016 15:50:50

Middle Channel / 1RB



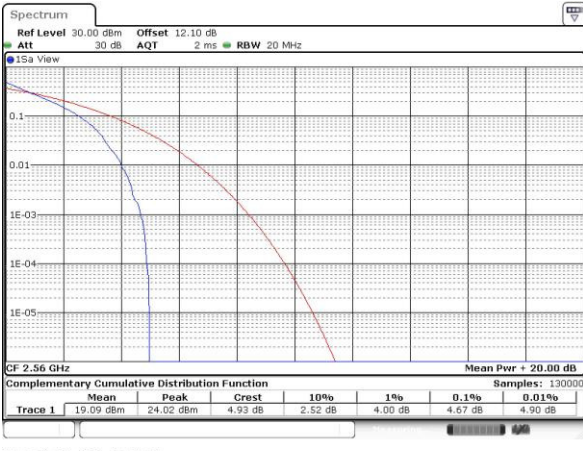
Date: 10.FEB.2016 15:51:14

Middle Channel / Full RB



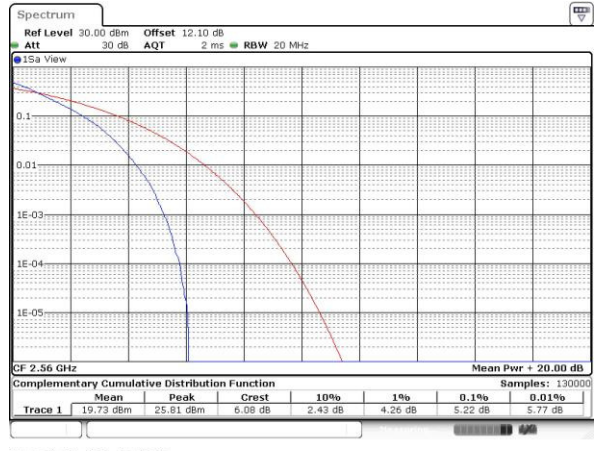
Date: 10.FEB.2016 15:51:33

Highest Channel / 1RB



Date: 10.FEB.2016 15:51:57

Highest Channel / Full RB



Date: 10.FEB.2016 15:52:15