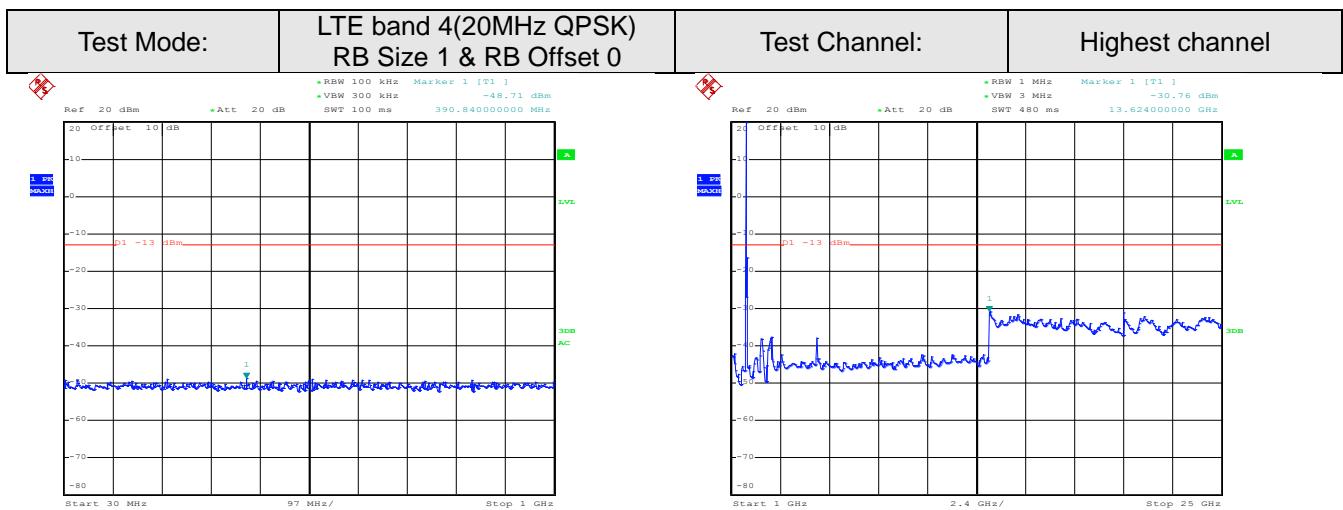


Date: 10.JUL.2017 11:26:01

Date: 11.JUL.2017 20:33:41

30MHz~1GHz

1GHz~25GHz

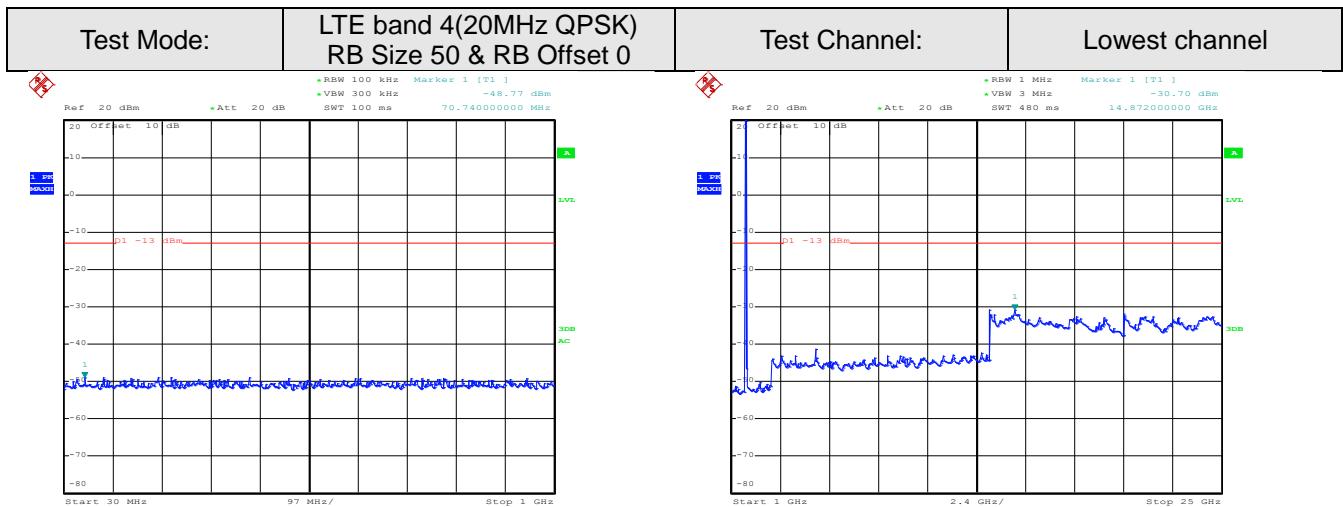


Date: 10.JUL.2017 11:25:15

Date: 11.JUL.2017 20:36:09

30MHz~1GHz

1GHz~25GHz

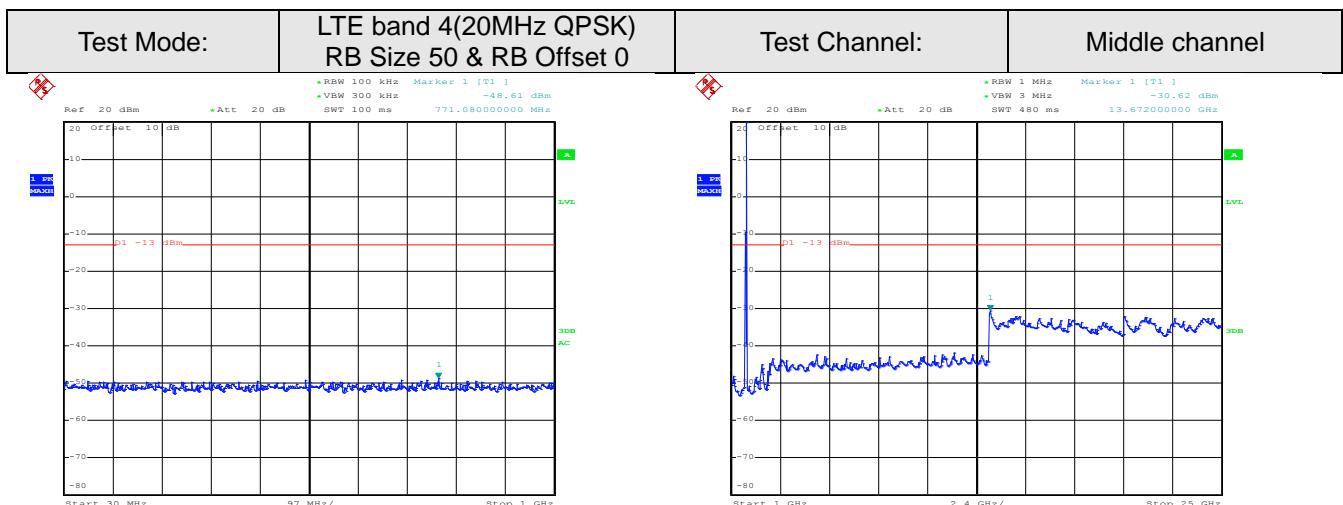


Date: 10.JUL.2017 11:24:26

30MHz~1GHz

Date: 11.JUL.2017 20:30:56

1GHz~25GHz

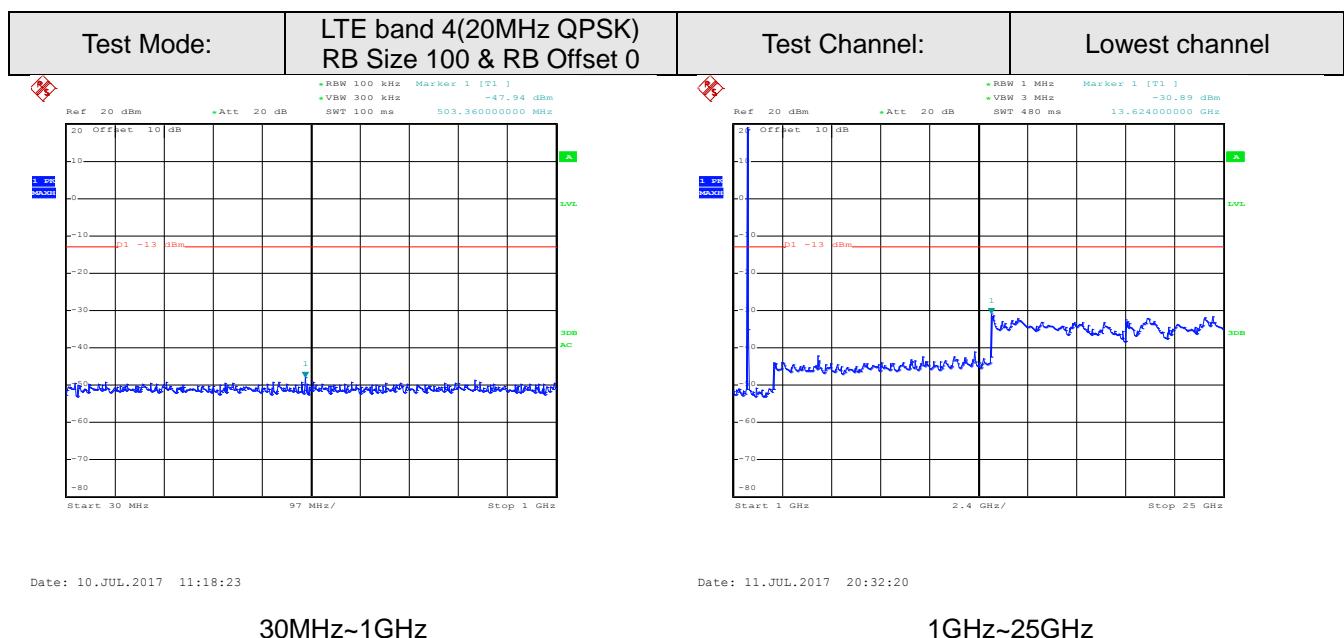
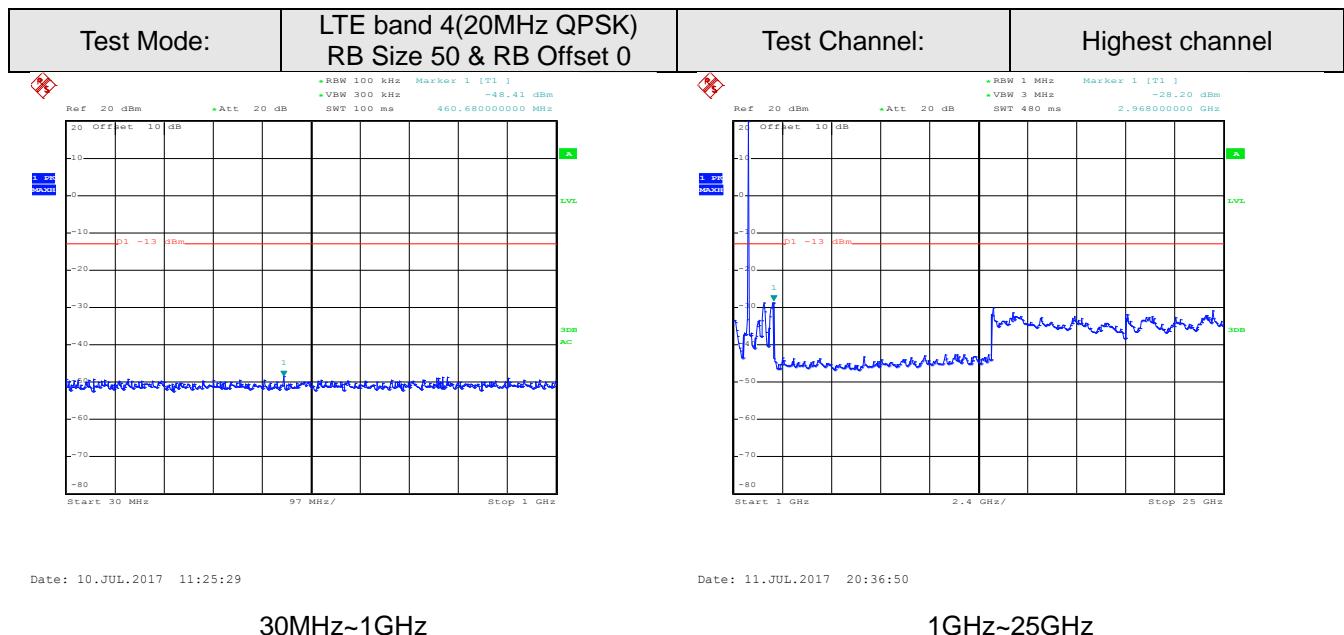


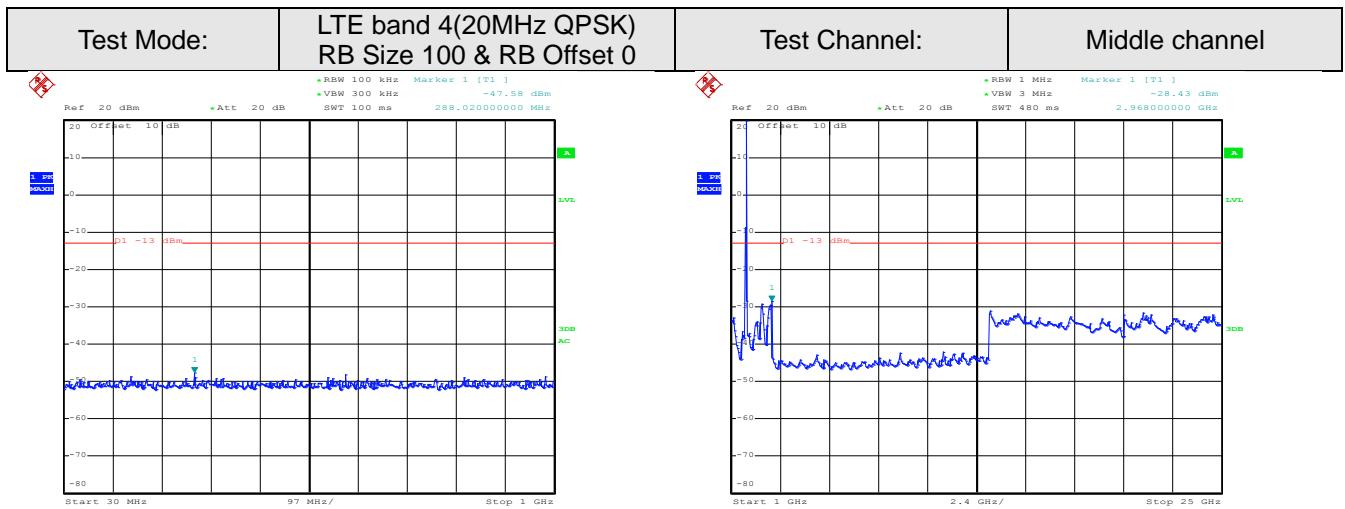
Date: 10.JUL.2017 11:24:40

30MHz~1GHz

Date: 11.JUL.2017 20:34:28

1GHz~25GHz



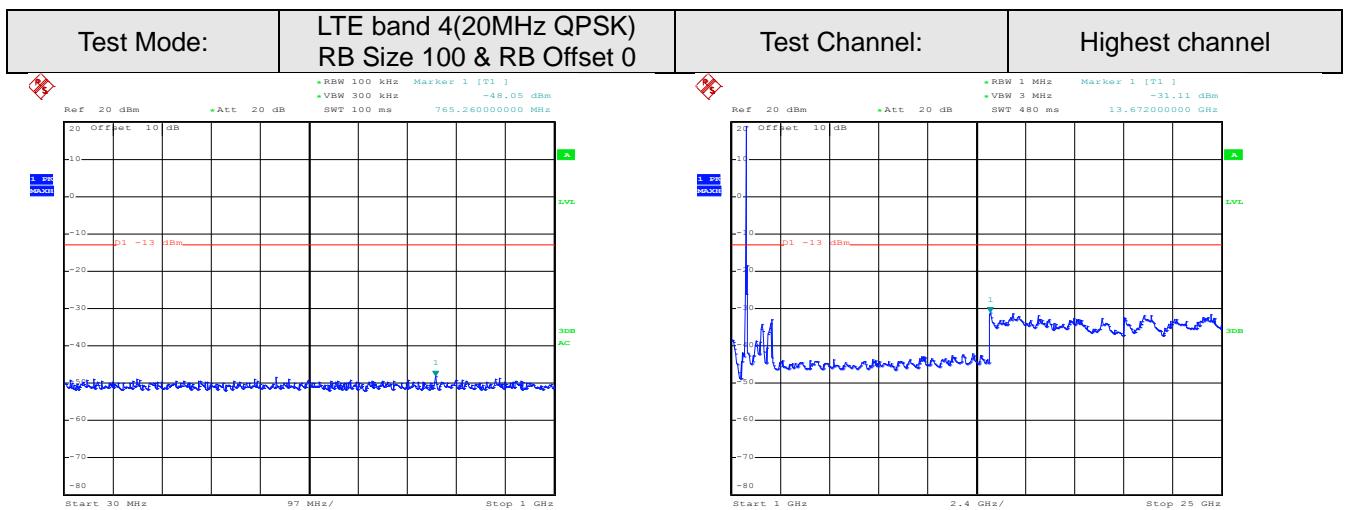


Date: 10.JUL.2017 11:24:56

30MHz~1GHz

Date: 11.JUL.2017 20:35:18

1GHz~25GHz



Date: 10.JUL.2017 11:25:47

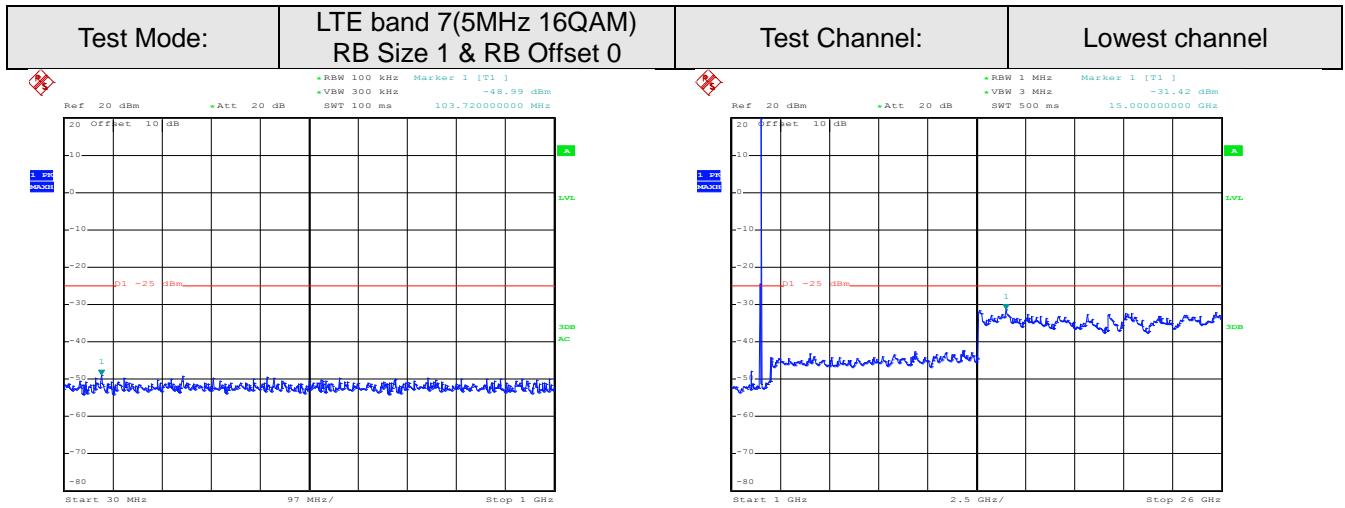
30MHz~1GHz

Date: 11.JUL.2017 20:37:35

1GHz~25GHz

LTE band 7 part:

5MHz

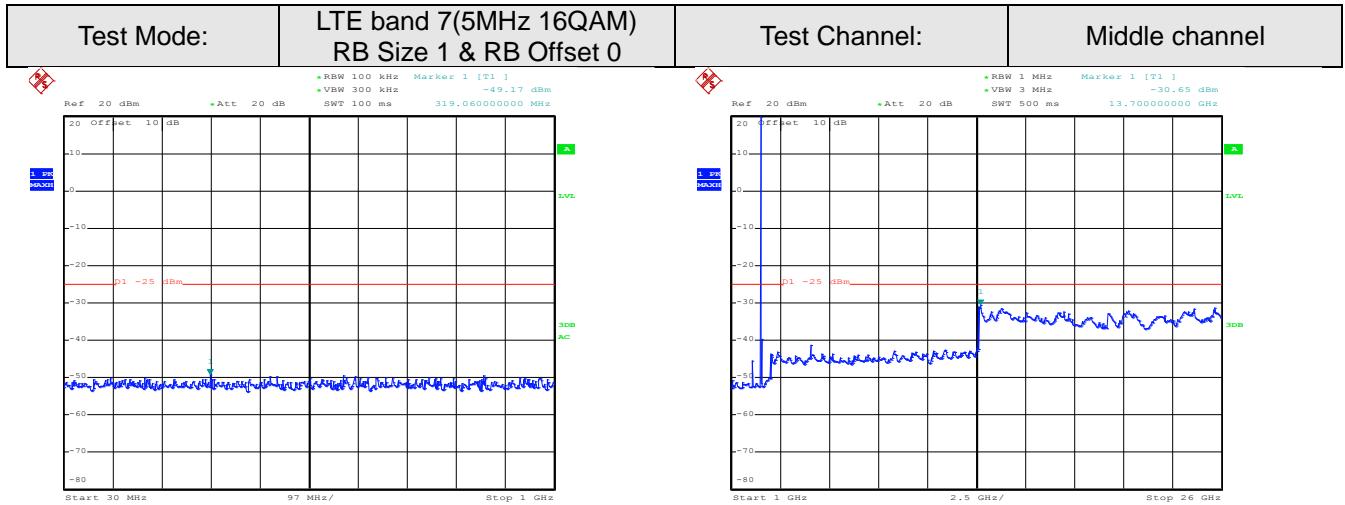


Date: 10.JUL.2017 11:39:01

Date: 11.JUL.2017 20:46:24

30MHz~1GHz

1GHz~26GHz

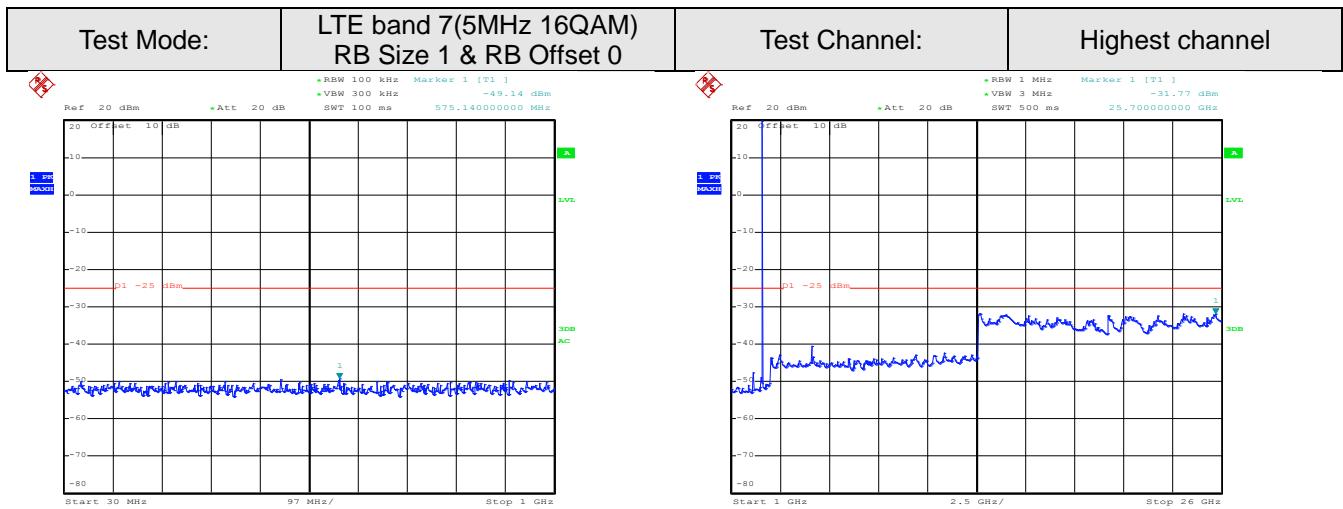


Date: 10.JUL.2017 11:40:10

Date: 11.JUL.2017 20:48:43

30MHz~1GHz

1GHz~26GHz

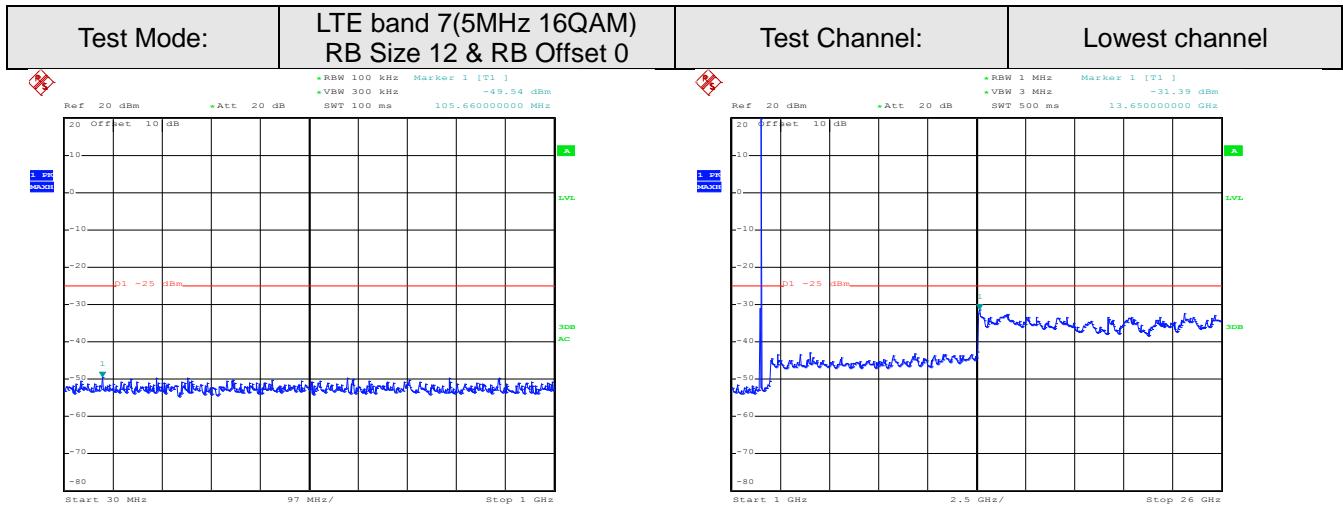


Date: 10.JUL.2017 11:40:51

Date: 11.JUL.2017 20:51:19

30MHz~1GHz

1GHz~26GHz

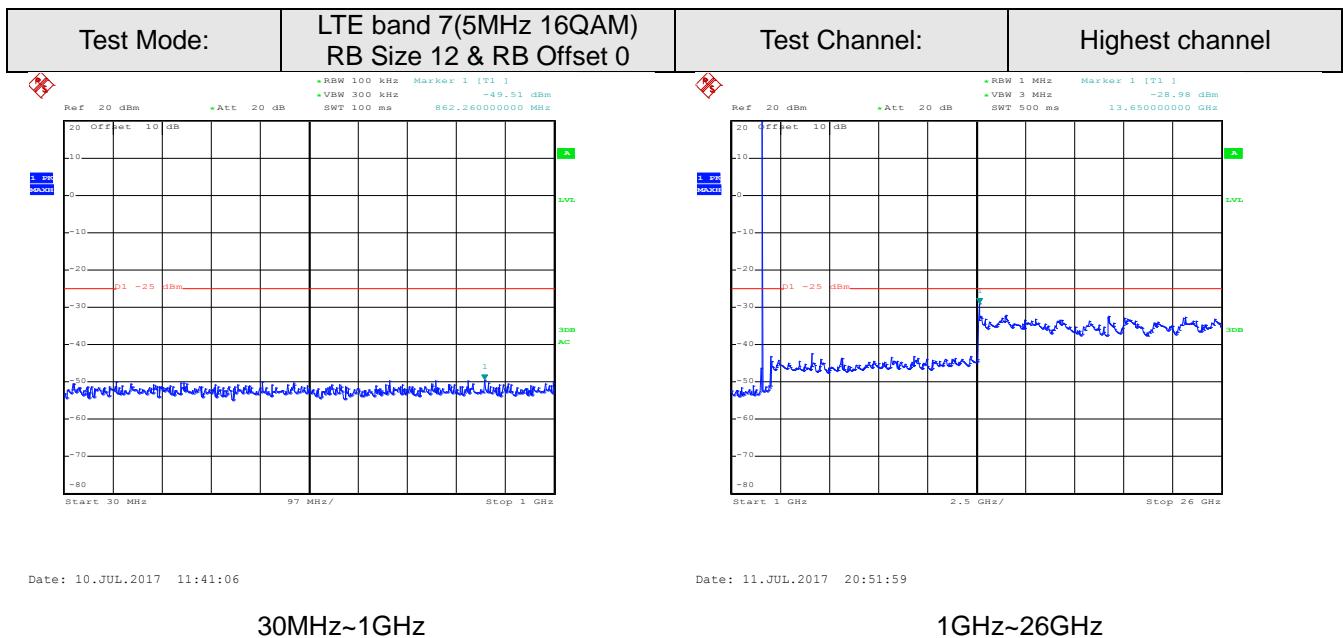
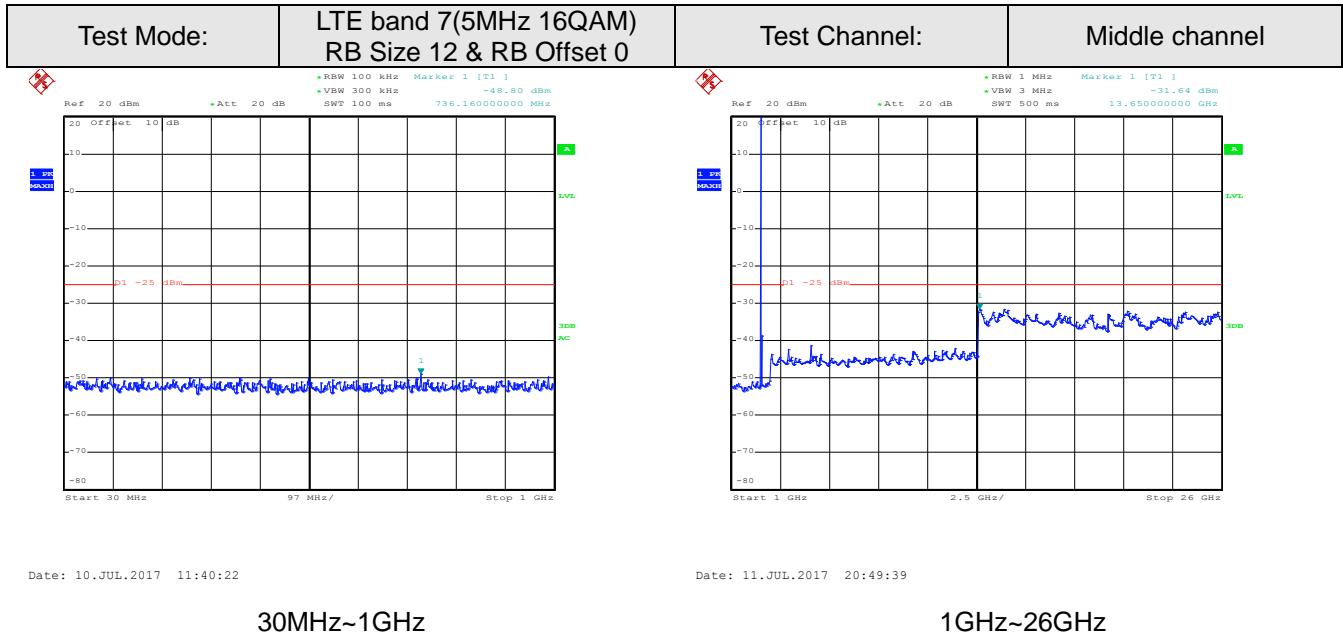


Date: 10.JUL.2017 11:39:12

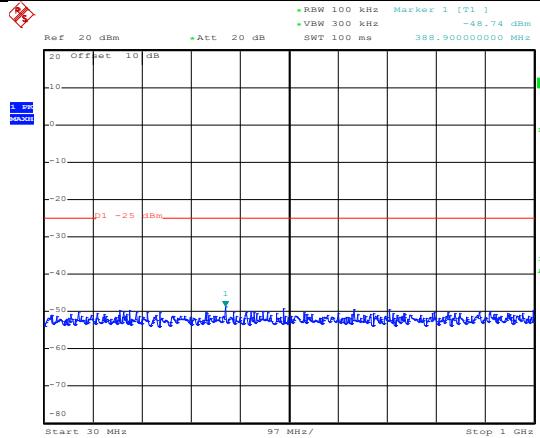
Date: 11.JUL.2017 20:47:06

30MHz~1GHz

1GHz~26GHz

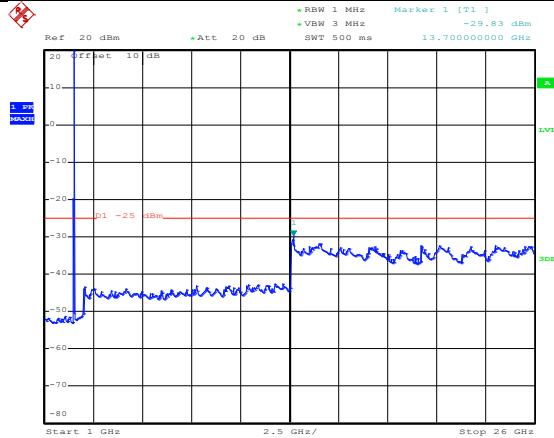


Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 10.JUL.2017 11:39:25

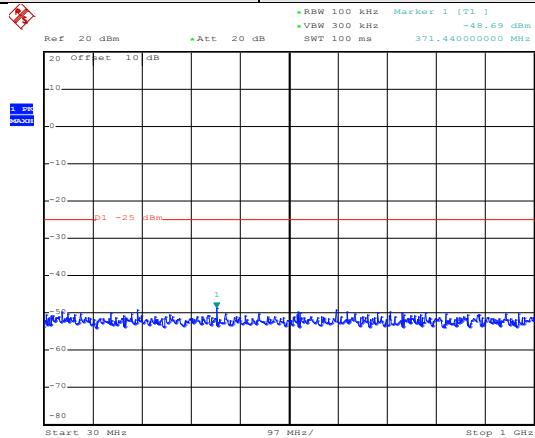
30MHz~1GHz



Date: 11.JUL.2017 20:47:47

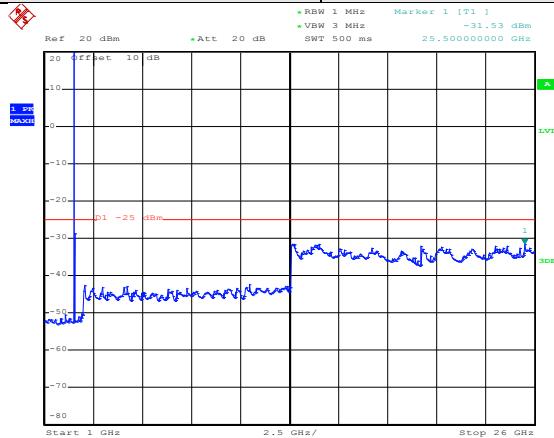
1GHz~26GHz

Test Mode:	LTE band 7(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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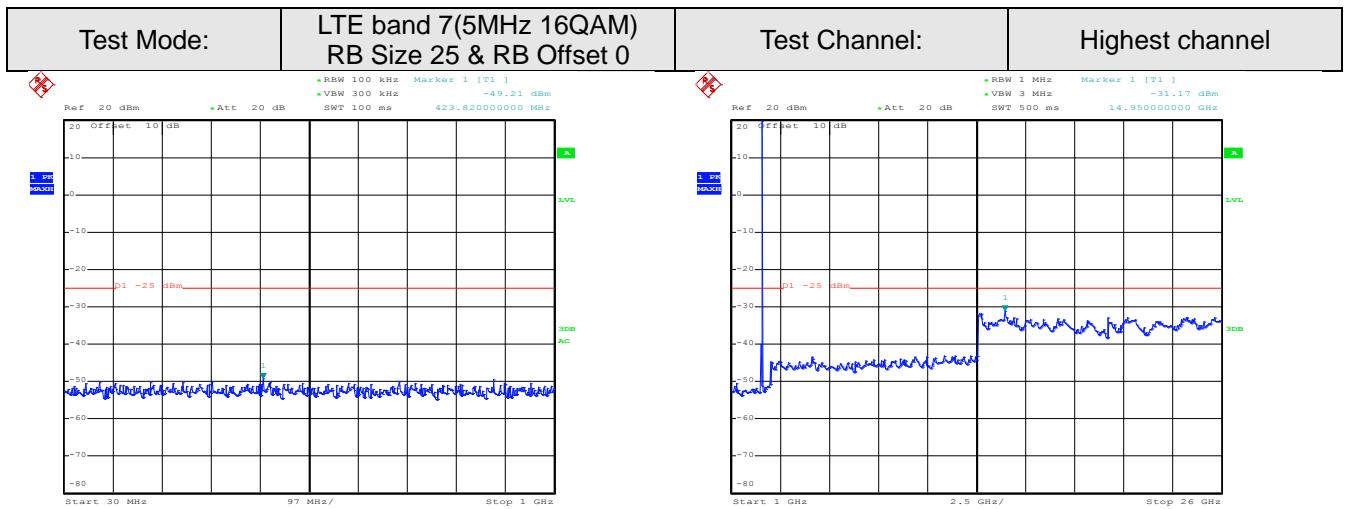
Date: 10.JUL.2017 11:40:36

30MHz~1GHz



Date: 11.JUL.2017 20:50:20

1GHz~26GHz

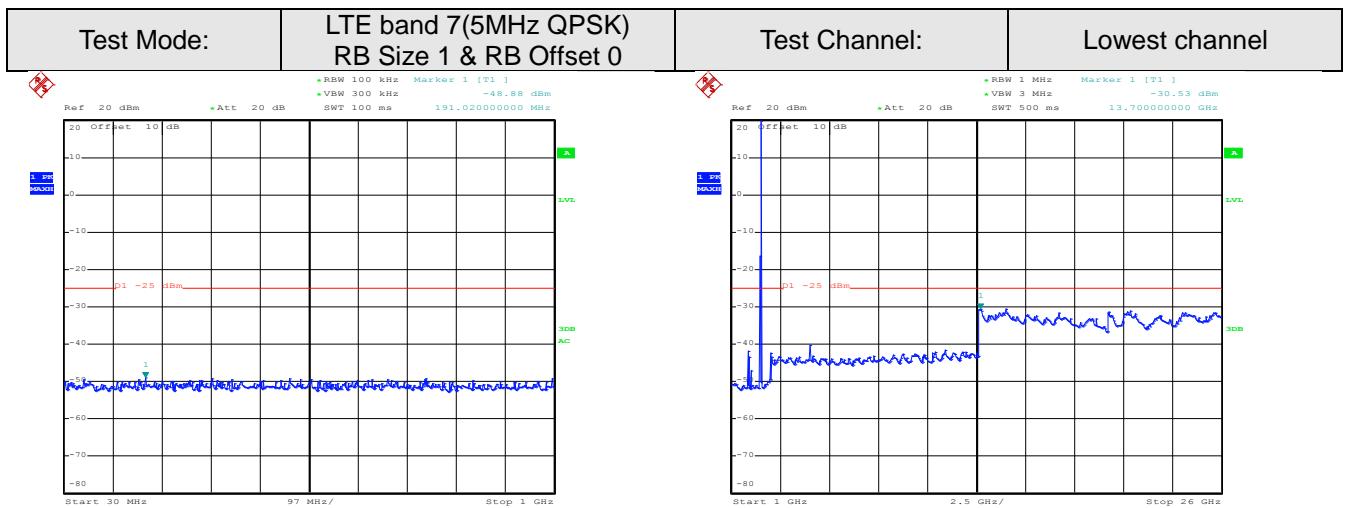


Date: 10.JUL.2017 11:41:33

30MHz~1GHz

Date: 11.JUL.2017 20:52:32

1GHz~26GHz



Date: 10.JUL.2017 11:38:57

30MHz~1GHz

Date: 11.JUL.2017 20:45:59

1GHz~26GHz

The figure displays two side-by-side spectrum analysis plots. The left plot is titled "LTE band 7(5MHz QPSK) RB Size 1 & RB Offset 0" and the right plot is titled "Middle channel". Both plots show a reference signal at 20 dBm and an attenuated signal at 20 dB. The x-axis for both is frequency, ranging from 30 MHz to 1 GHz for the left and 1 GHz to 26 GHz for the right. The y-axis is power in dB, ranging from -80 to 20. The left plot shows a clean signal with a marker at -48.03 dBm. The right plot shows a noisy signal with a marker at -30.10 dBm. Both plots include a blue noise floor line and a red P1 reference line at -25 dBm.

Date: 10.JUL.2017 11:39:36

30MHz~1GHz

Date: 11.JUL.2017 20:48:17

1GHz~26GHz

**Test Mode:** LTE band 7(5MHz QPSK)  
**RB Size 1 & RB Offset 0**

**Test Channel:**

**Highest channel**

Legend for both plots:

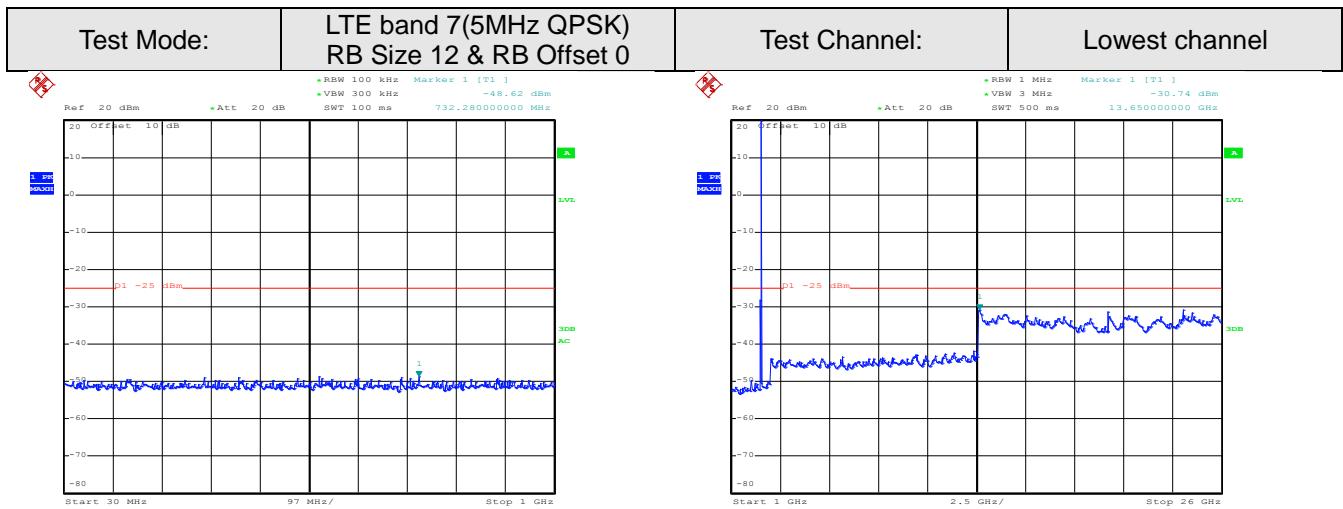
- RBW 100 kHz
- Marker 1 [T1]
- RBW 300 kHz
- Marker 2 [T2]
- VSW 1 MHz
- VSW 3 MHz
- SWT 100 ms
- SWT 500 ms
- Start 30 MHz
- Stop 1 GHz
- Start 1 GHz
- Stop 26 GHz
- Ref 20 dBm
- Att 20 dB
- Offset 10 dB
- 1 dB
- dBm
- dB
- dBm AC
- LVEL
- RVEL
- 3dB
- 100 kHz
- 200 kHz
- 300 kHz
- 1 MHz
- 3 MHz
- 48.89 dBm
- 30.76 dBm
- 30.76 dBm
- 30.76 dBm

1999-2000-2001

30MHz~1GHz

[View Details](#)

1GHz~26GHz

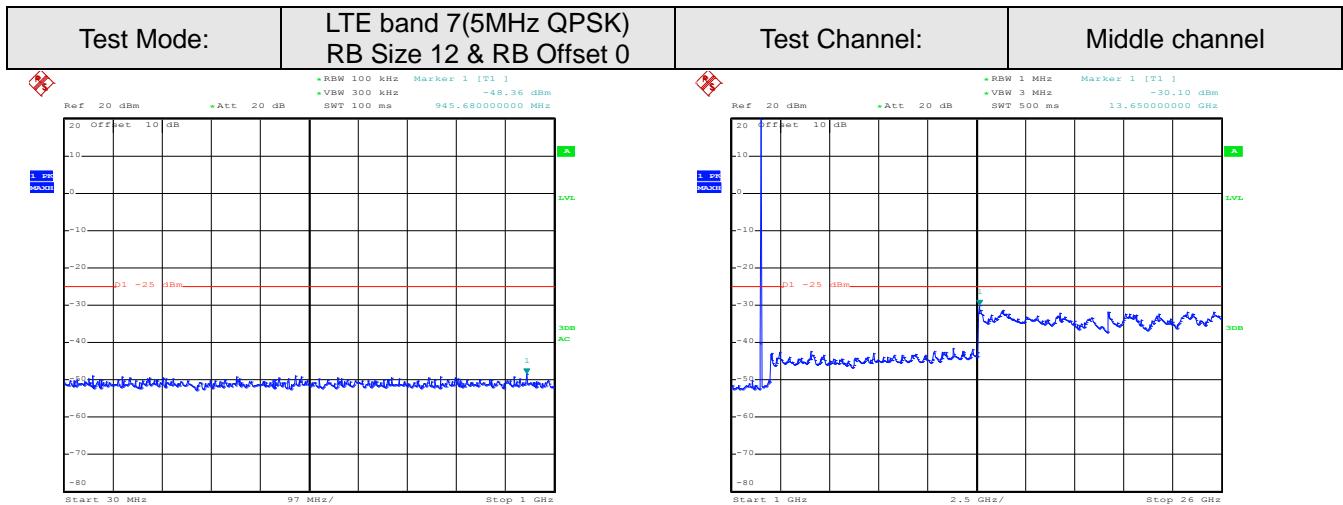


Date: 10.JUL.2017 11:39:09

Date: 11.JUL.2017 20:46:53

30MHz~1GHz

1GHz~26GHz



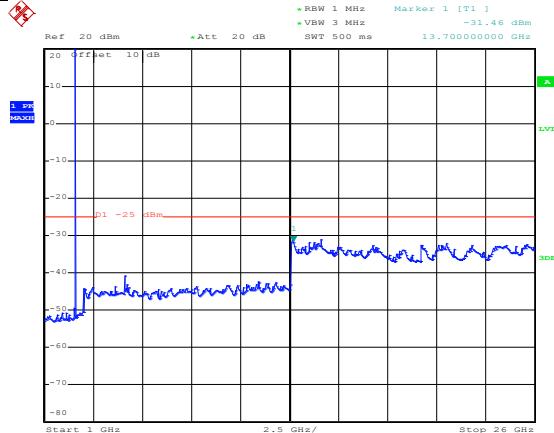
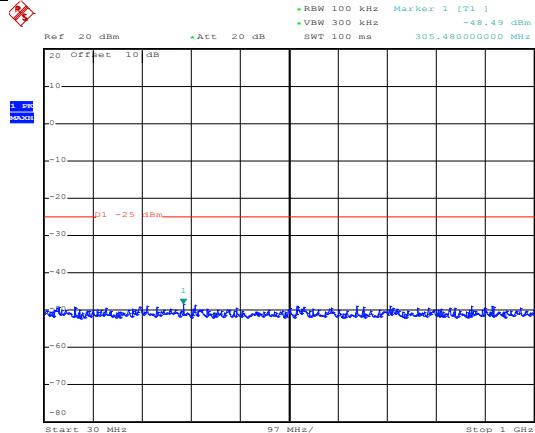
Date: 10.JUL.2017 11:40:19

Date: 11.JUL.2017 20:49:21

30MHz~1GHz

1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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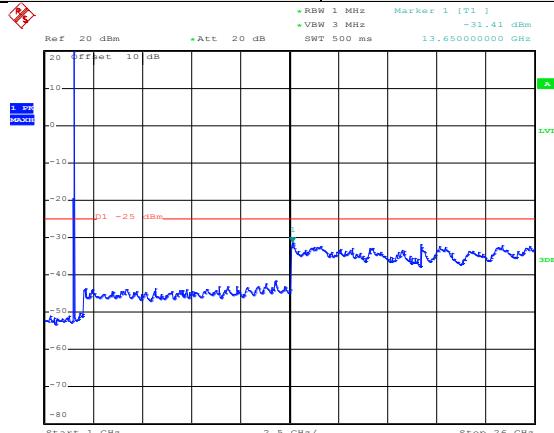
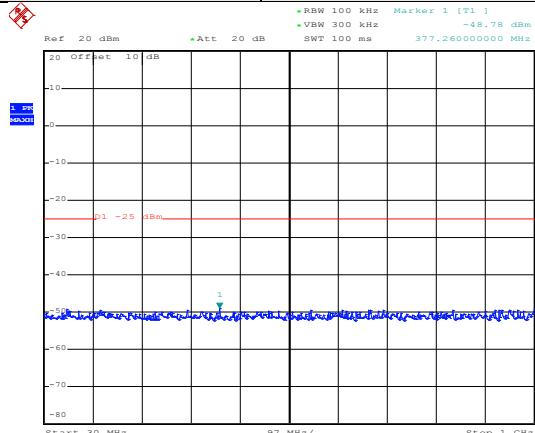
Date: 10.JUL.2017 11:41:01

30MHz~1GHz

Date: 11.JUL.2017 20:51:42

1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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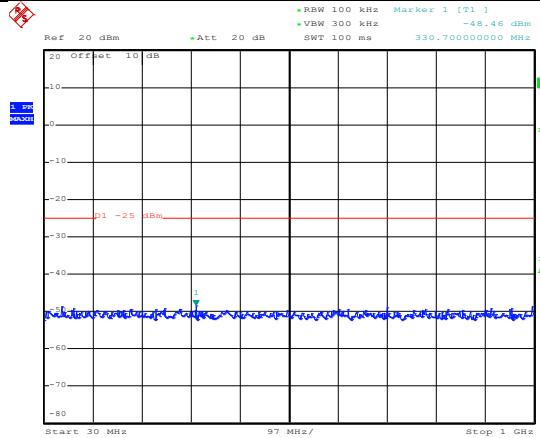
Date: 10.JUL.2017 11:39:21

30MHz~1GHz

Date: 11.JUL.2017 20:47:24

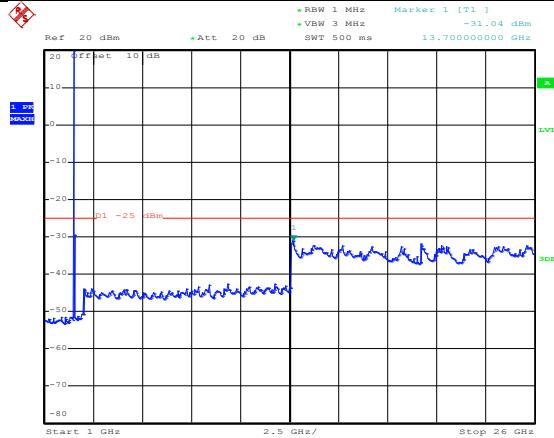
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 10.JUL.2017 11:40:32

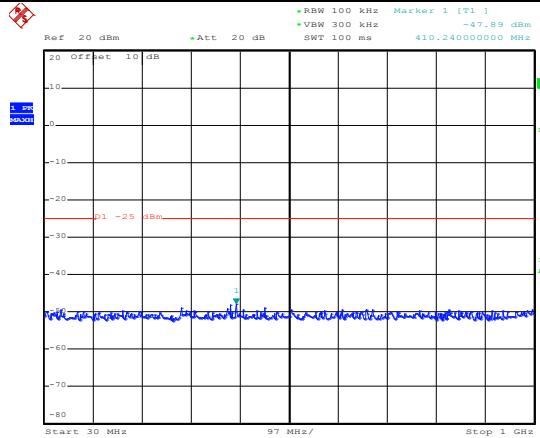
30MHz~1GHz



Date: 11.JUL.2017 20:49:56

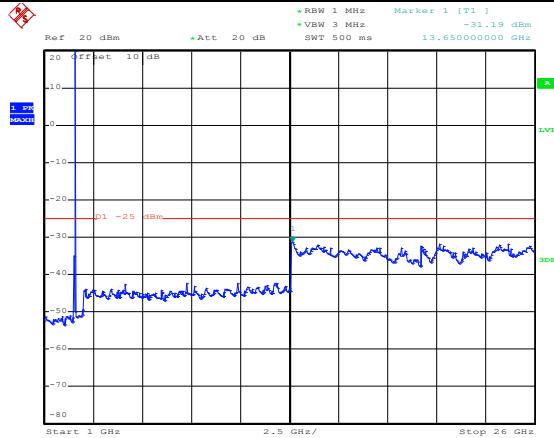
1GHz~26GHz

Test Mode:	LTE band 7(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 10.JUL.2017 11:41:29

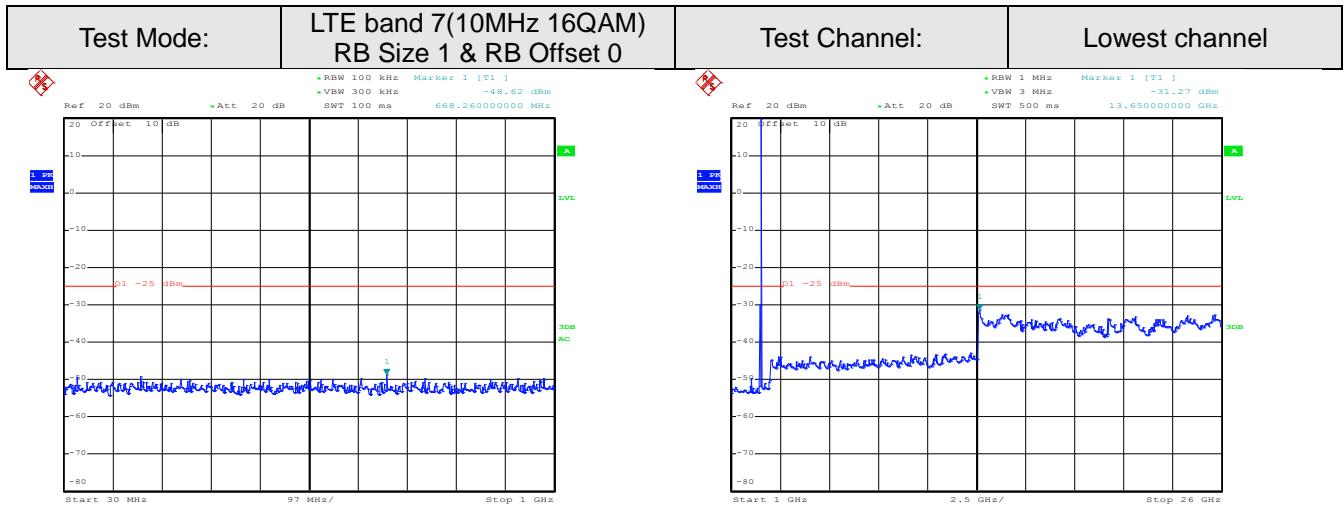
30MHz~1GHz



Date: 11.JUL.2017 20:52:17

1GHz~26GHz

## 10MHz

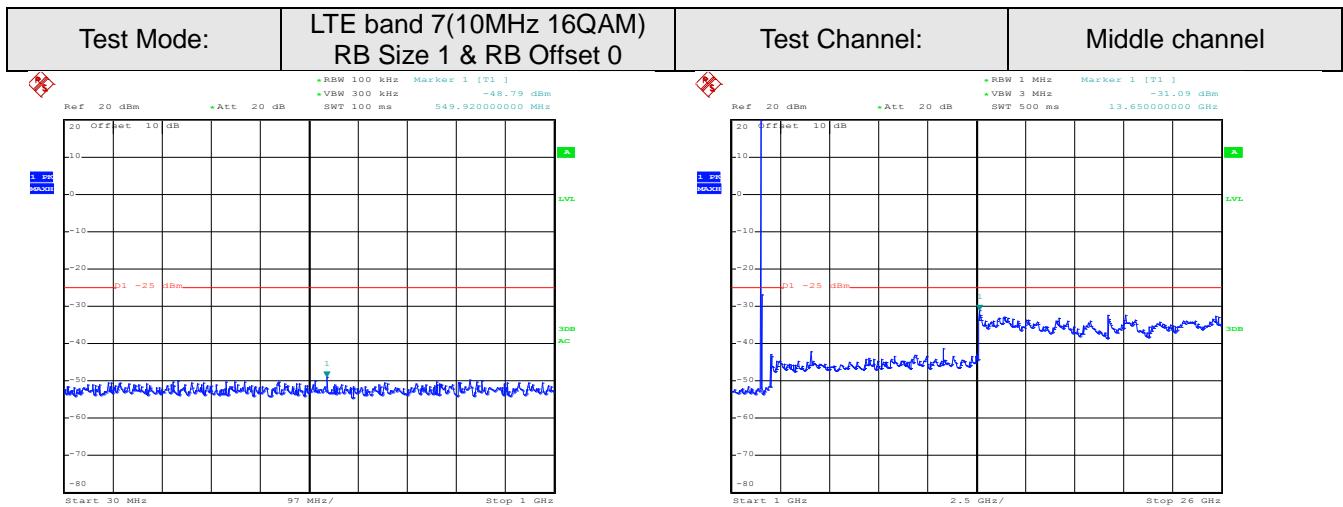


Date: 10.JUL.2017 11:43:54

Date: 11.JUL.2017 20:53:33

30MHz~1GHz

1GHz~26GHz

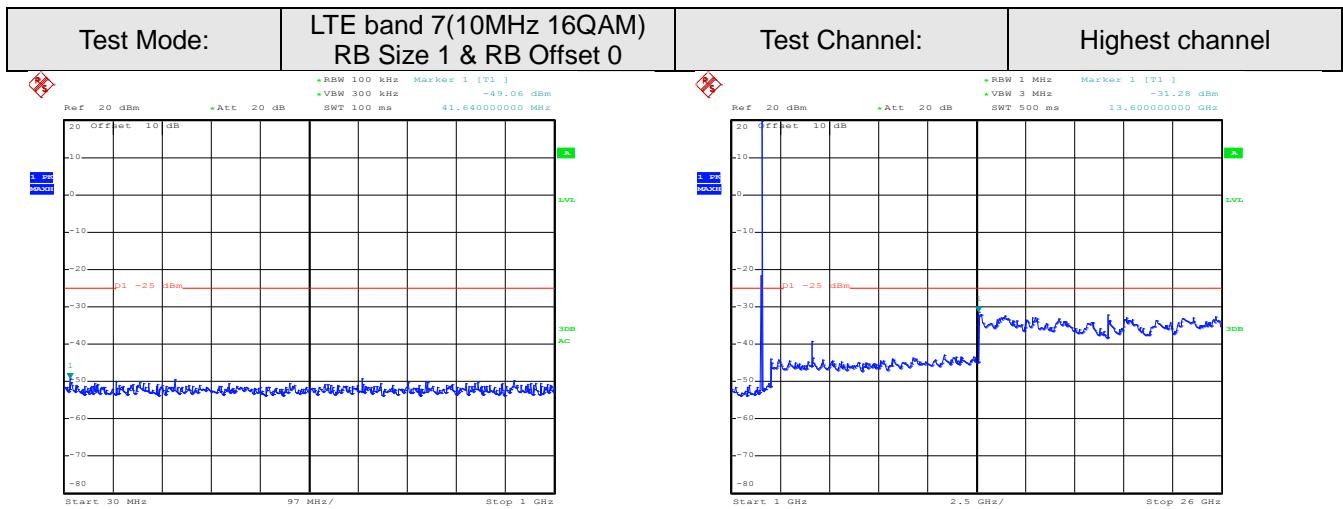


Date: 10.JUL.2017 11:44:34

Date: 11.JUL.2017 20:56:03

30MHz~1GHz

1GHz~26GHz

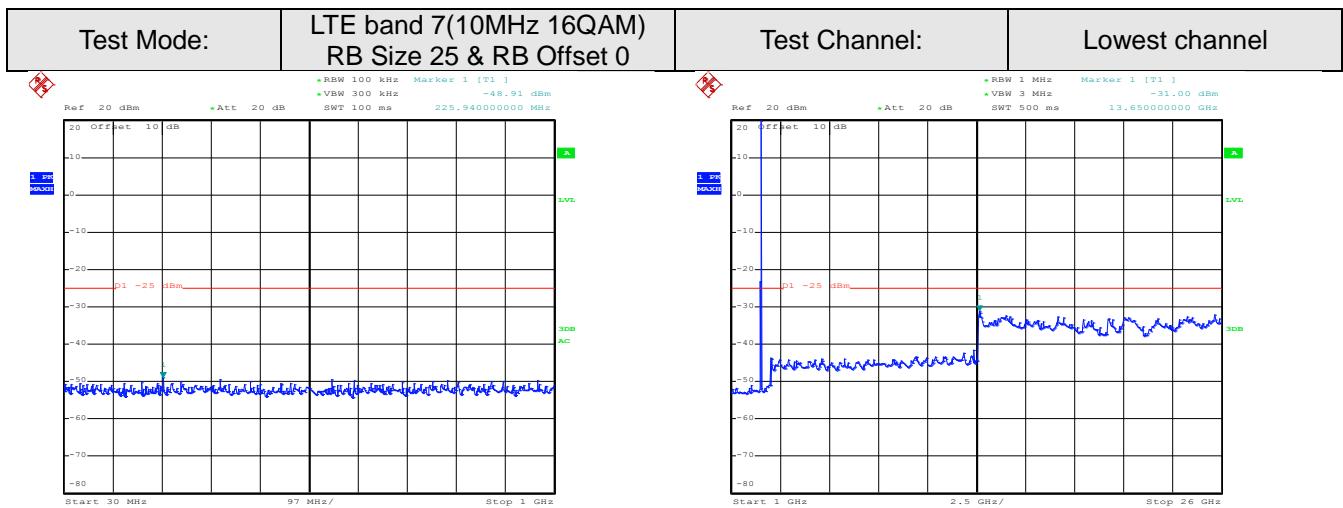


Date: 10.JUL.2017 11:45:14

30MHz~1GHz

Date: 11.JUL.2017 20:58:01

1GHz~26GHz

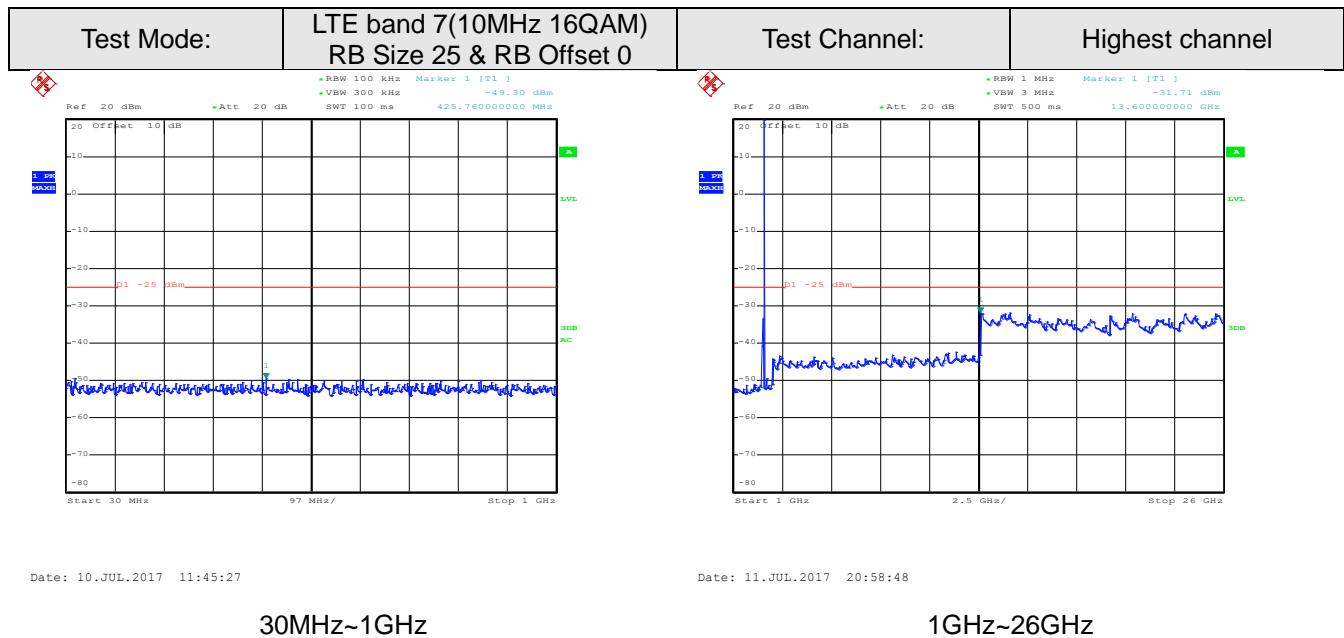
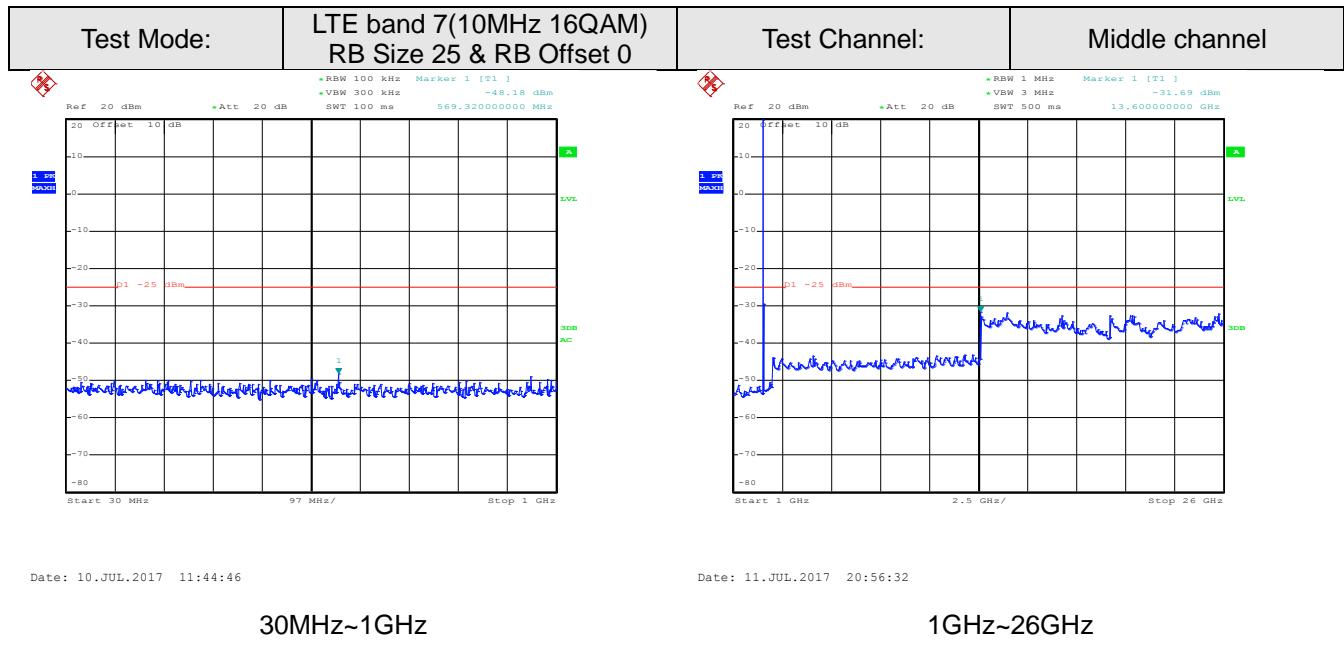


Date: 10.JUL.2017 11:44:07

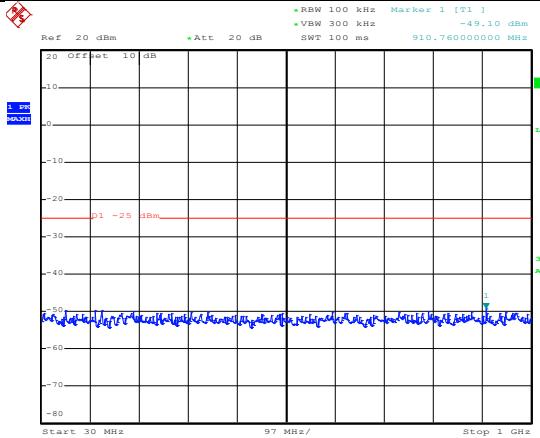
30MHz~1GHz

Date: 11.JUL.2017 20:55:01

1GHz~26GHz

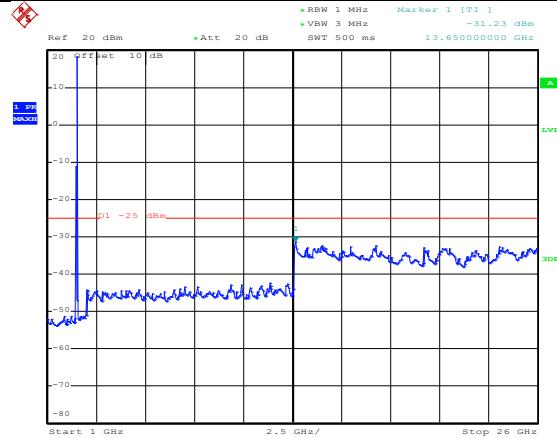


Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 10.JUL.2017 11:44:20

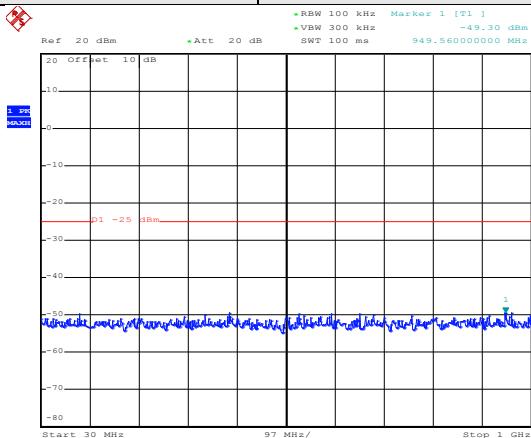
30MHz~1GHz



Date: 11.JUL.2017 20:55:28

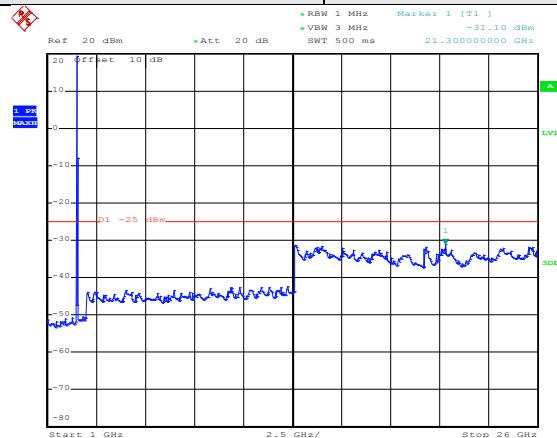
1GHz~26GHz

Test Mode:	LTE band 7(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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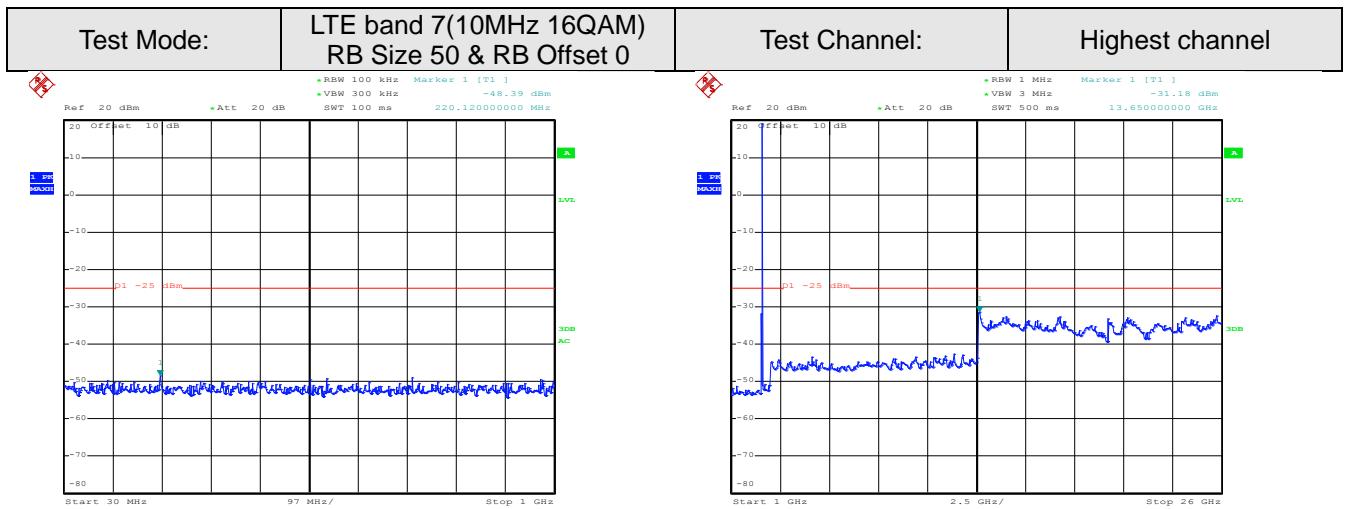
Date: 10.JUL.2017 11:44:59

30MHz~1GHz



Date: 11.JUL.2017 20:57:17

1GHz~26GHz

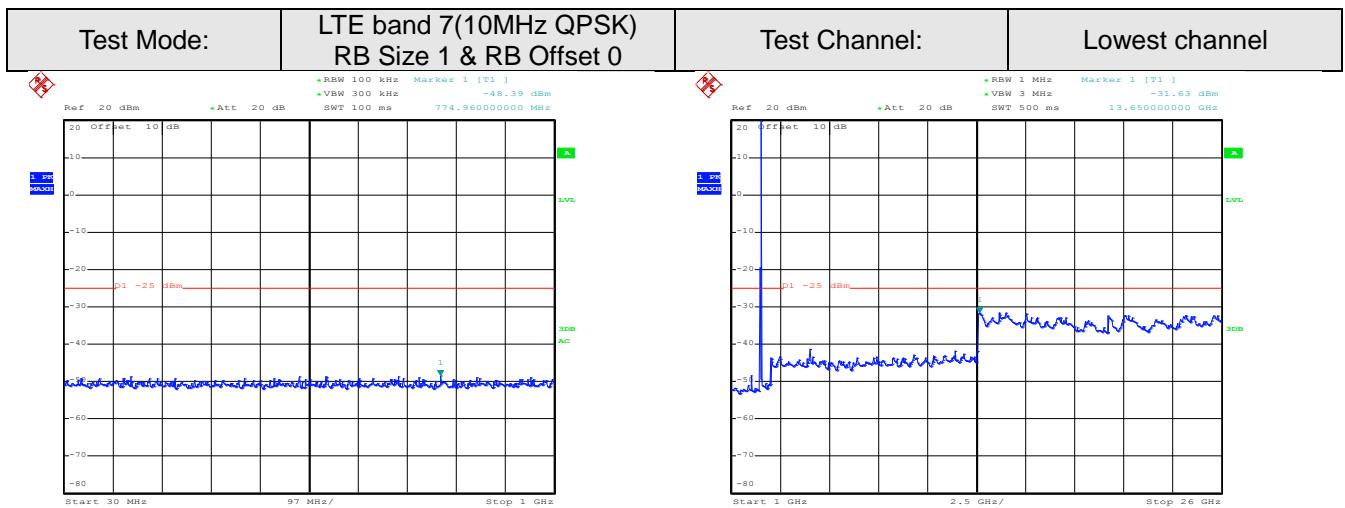


Date: 10.JUL.2017 11:45:42

30MHz~1GHz

Date: 11.JUL.2017 20:59:21

1GHz~26GHz



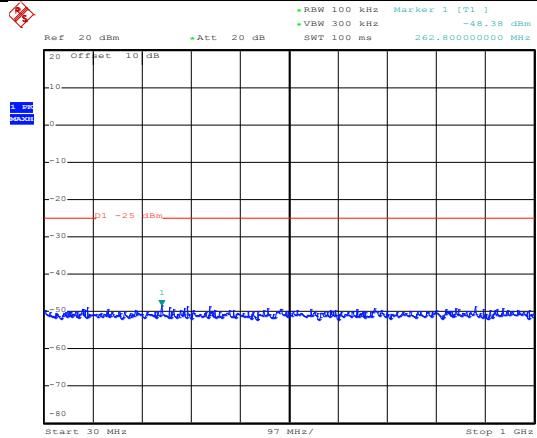
Date: 10.JUL.2017 11:43:50

30MHz~1GHz

Date: 11.JUL.2017 20:53:18

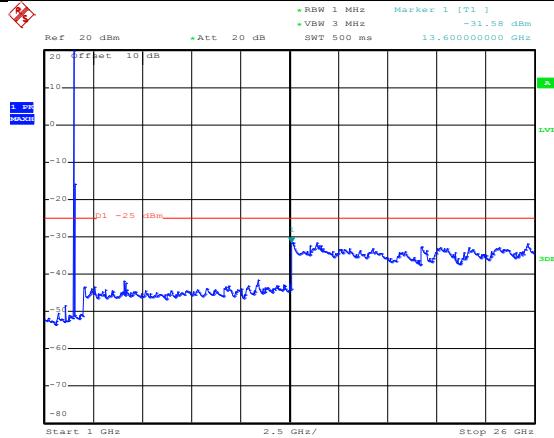
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 10.JUL.2017 11:44:31

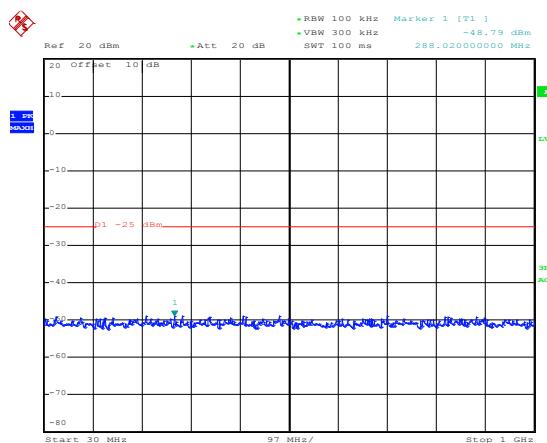
30MHz~1GHz



Date: 11.JUL.2017 20:55:51

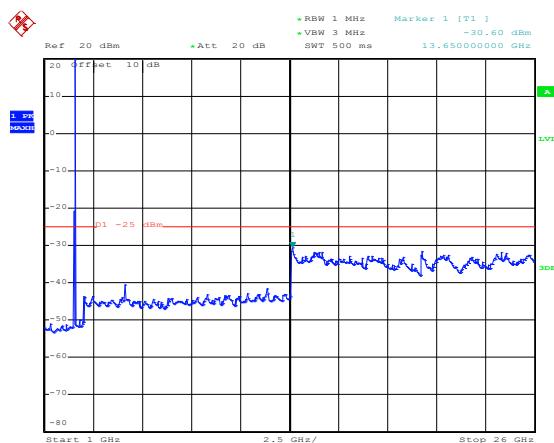
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 10.JUL.2017 11:45:10

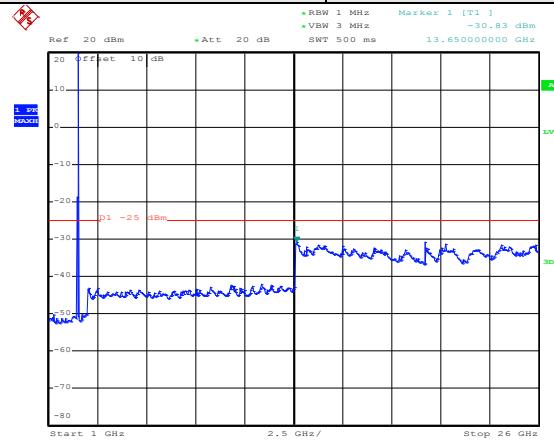
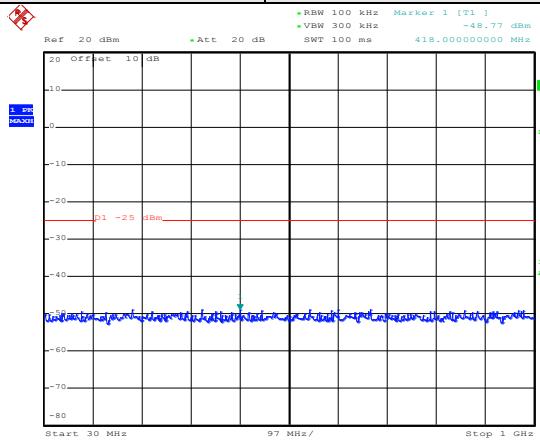
30MHz~1GHz



Date: 11.JUL.2017 20:57:46

1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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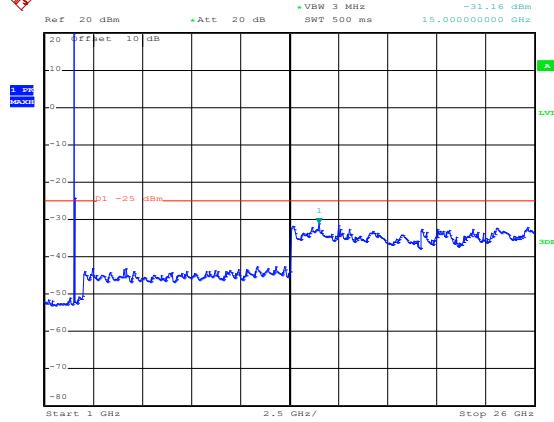
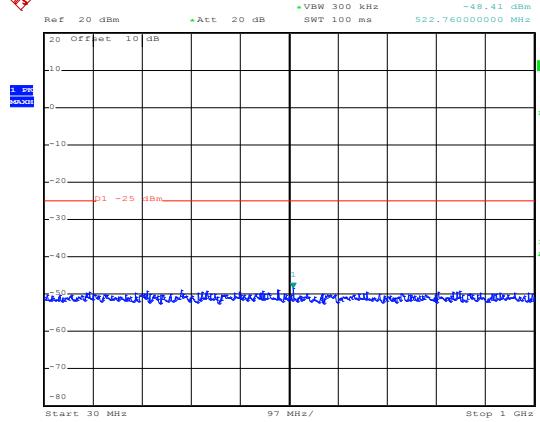
Date: 10.JUL.2017 11:44:03

Date: 11.JUL.2017 20:54:44

30MHz~1GHz

1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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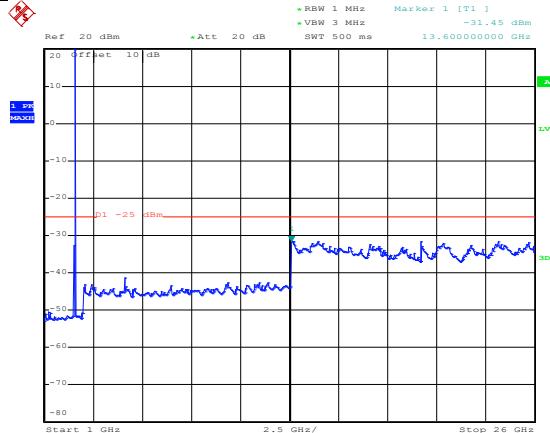
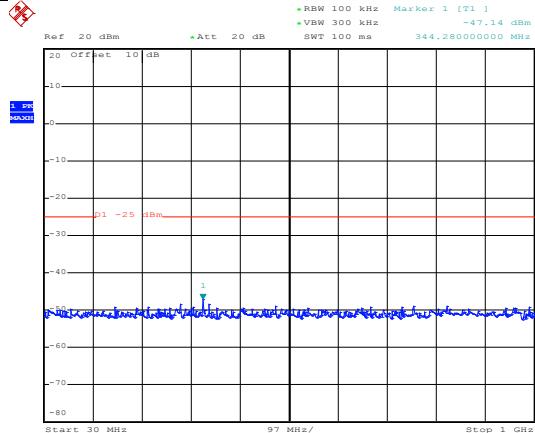
Date: 10.JUL.2017 11:44:43

Date: 11.JUL.2017 20:56:21

30MHz~1GHz

1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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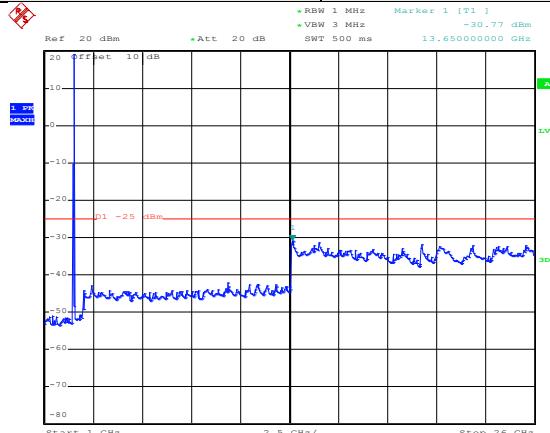
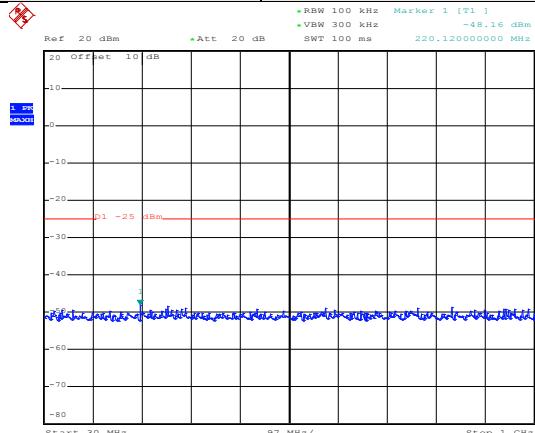
Date: 10.JUL.2017 11:45:23

30MHz~1GHz

Date: 11.JUL.2017 20:58:30

1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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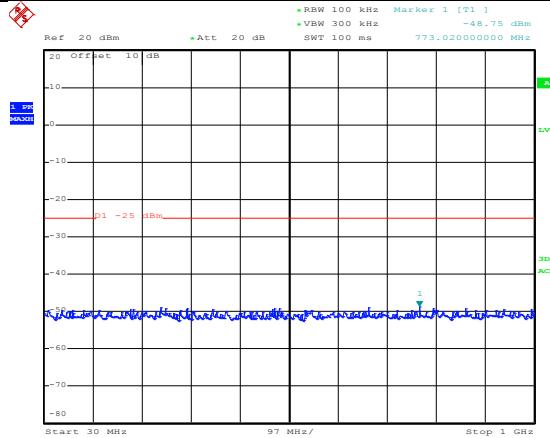
Date: 10.JUL.2017 11:44:16

30MHz~1GHz

Date: 11.JUL.2017 20:55:16

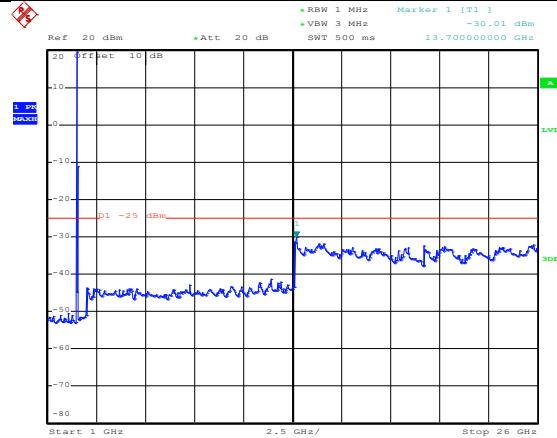
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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Date: 10.JUL.2017 11:44:55

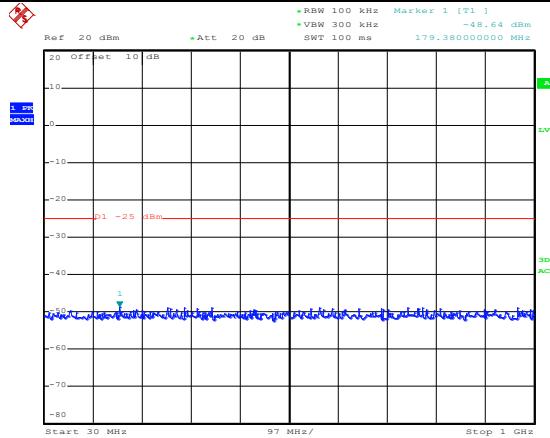
30MHz~1GHz



Date: 11.JUL.2017 20:56:55

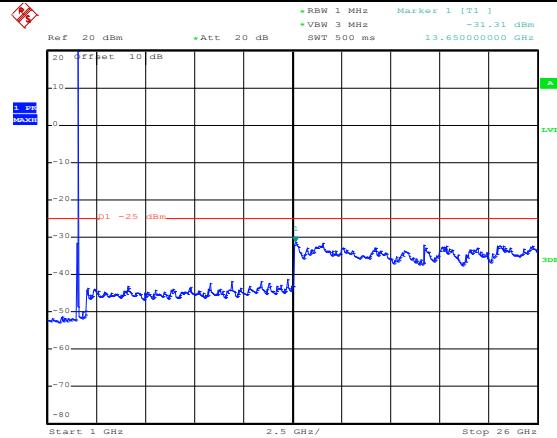
1GHz~26GHz

Test Mode:	LTE band 7(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 10.JUL.2017 11:45:37

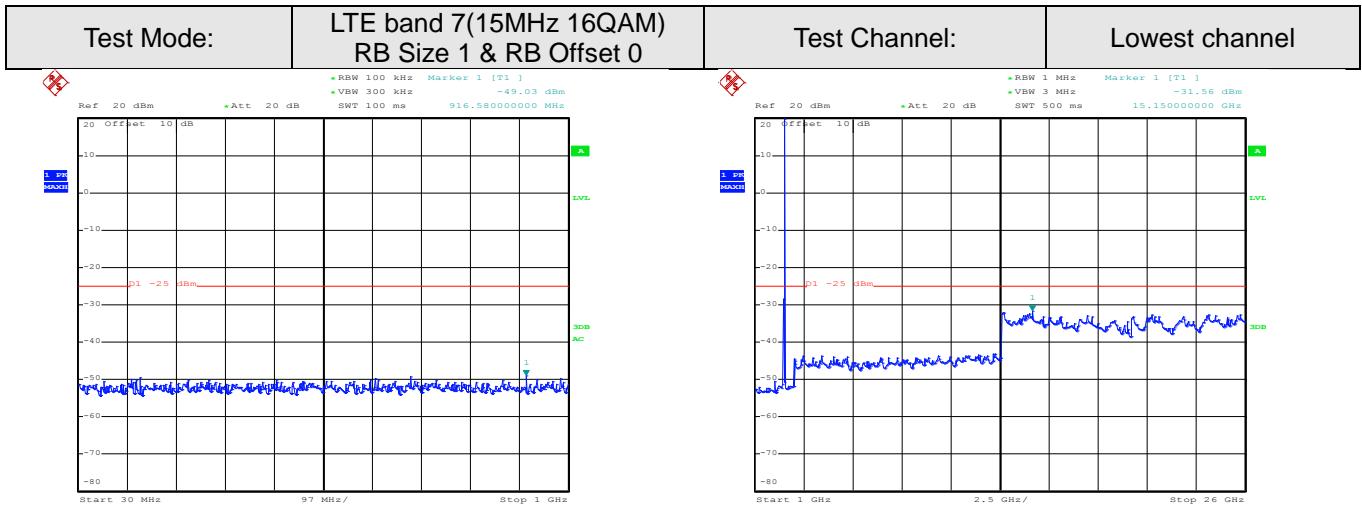
30MHz~1GHz



Date: 11.JUL.2017 20:59:10

1GHz~26GHz

## 15MHz

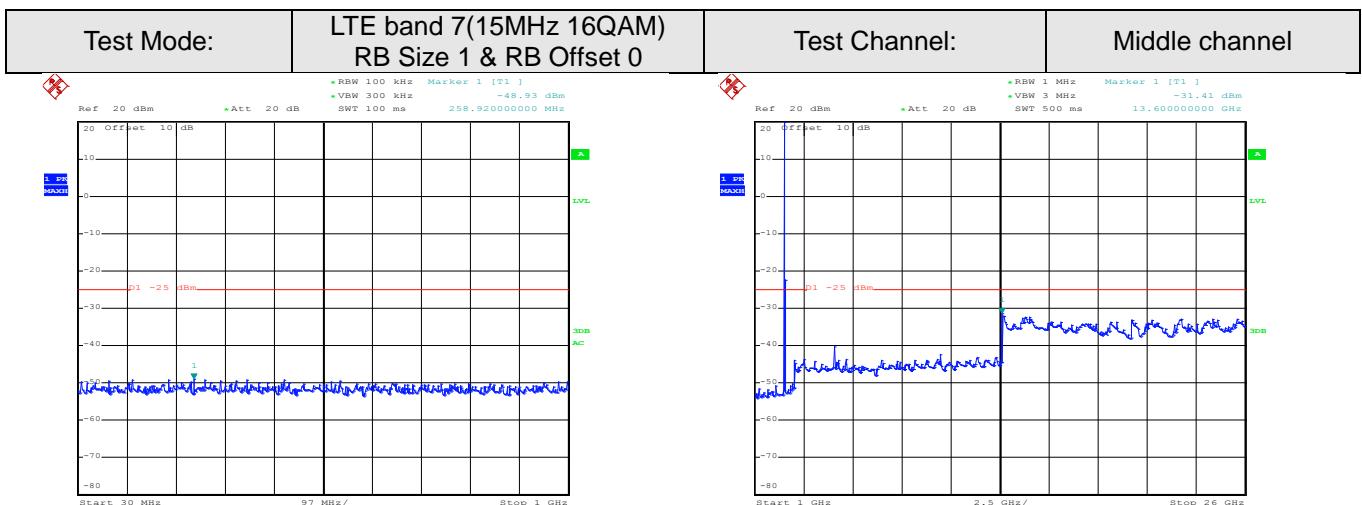


Date: 10.JUL.2017 11:45:59

Date: 11.JUL.2017 21:00:20

## 30MHz~1GHz

## 1GHz~26GHz



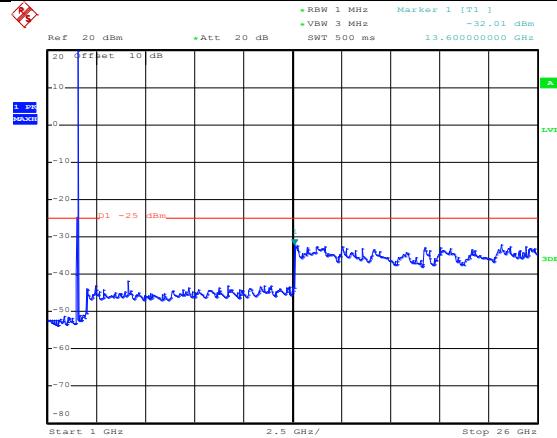
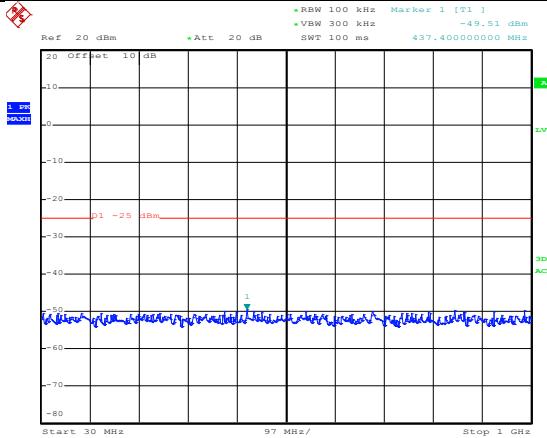
Date: 10.JUL.2017 11:46:41

Date: 11.JUL.2017 21:02:33

## 30MHz~1GHz

## 1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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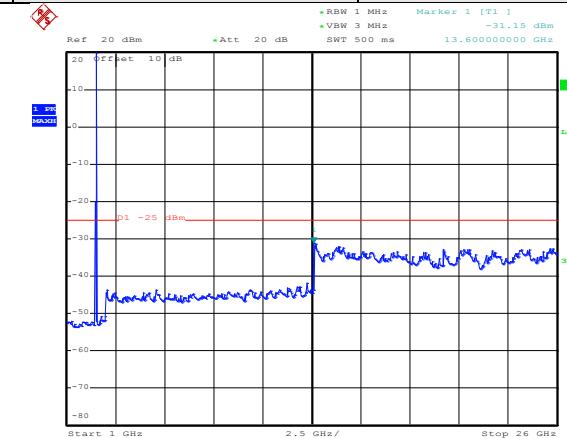
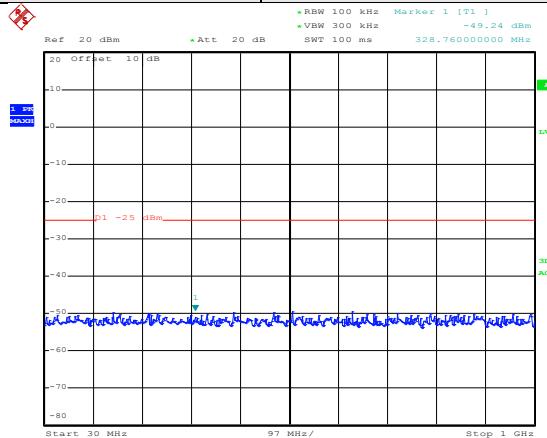
Date: 10.JUL.2017 11:47:27

30MHz~1GHz

Date: 11.JUL.2017 21:04:28

1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel
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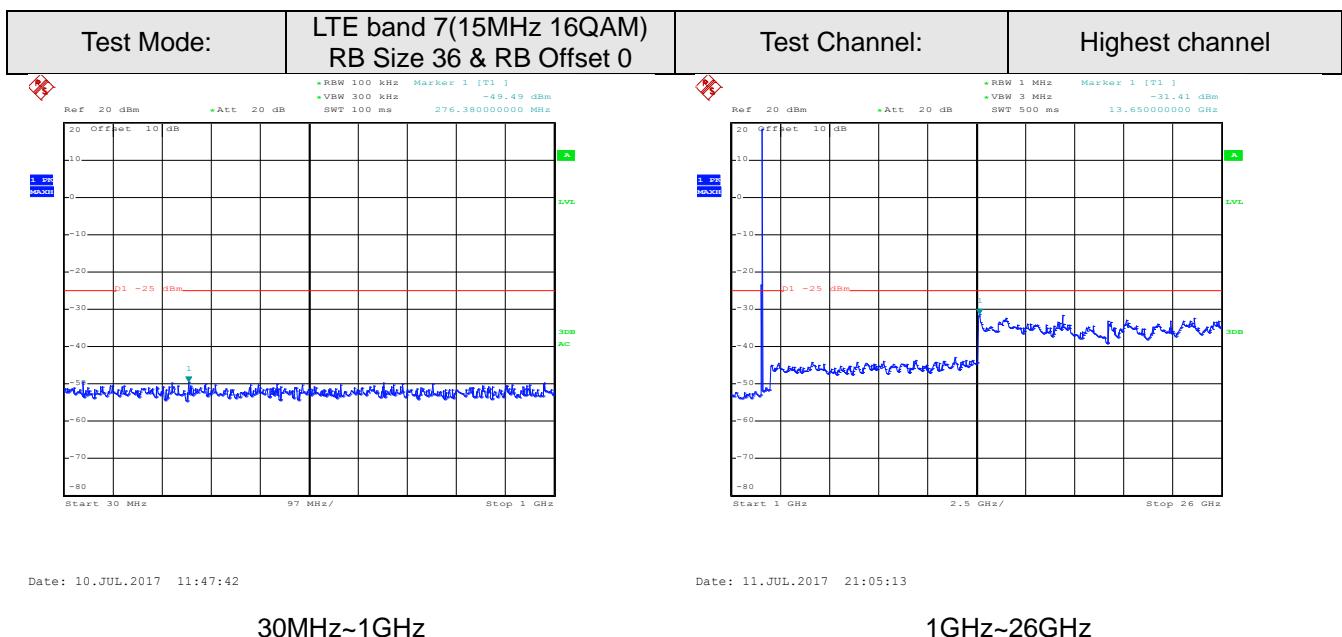
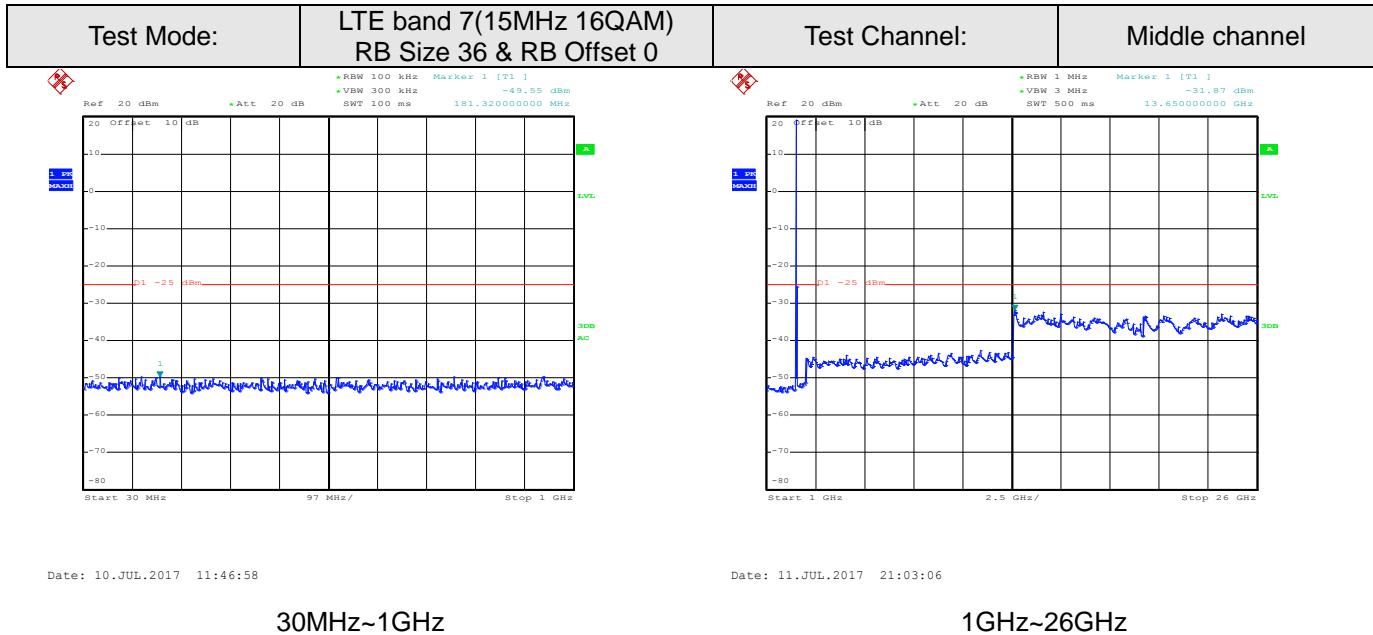


Date: 10.JUL.2017 11:46:12

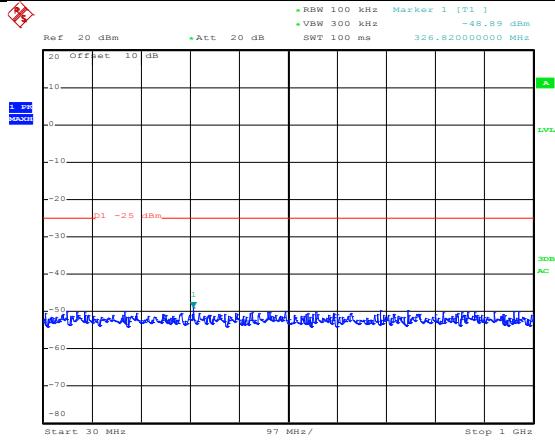
30MHz~1GHz

Date: 11.JUL.2017 21:00:58

1GHz~26GHz

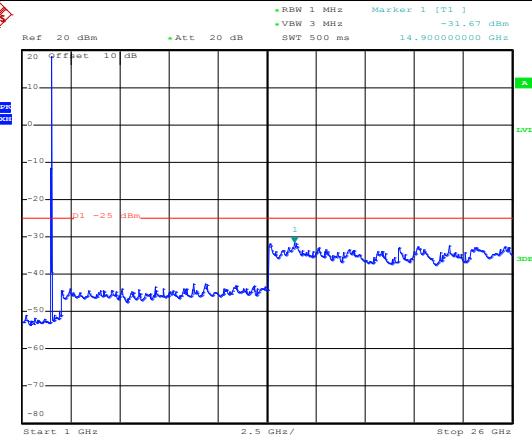


Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel
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Date: 10.JUL.2017 11:46:26

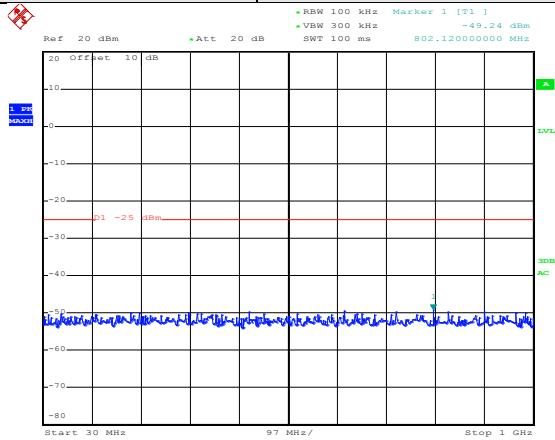
30MHz~1GHz



Date: 11.JUL.2017 21:01:51

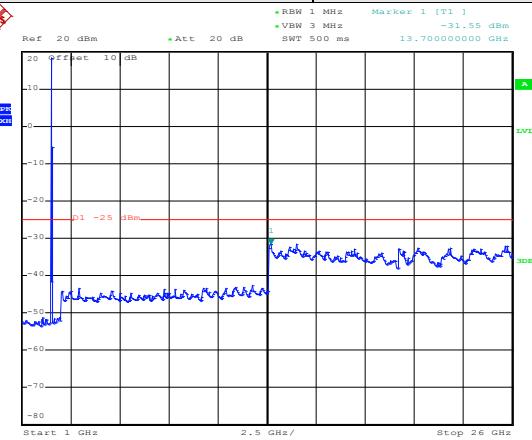
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Middle channel
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Date: 10.JUL.2017 11:47:11

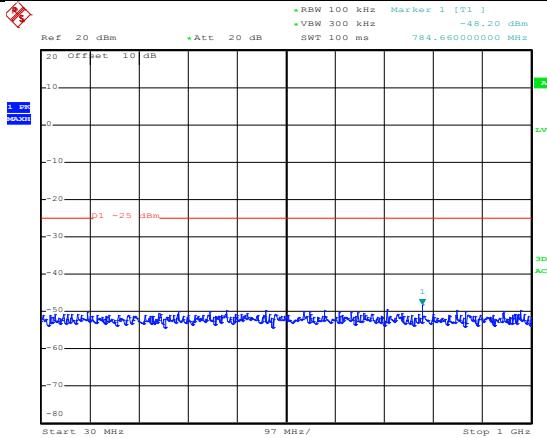
30MHz~1GHz



Date: 11.JUL.2017 21:03:45

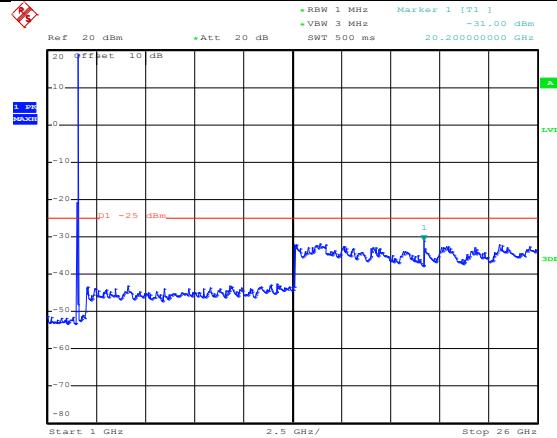
1GHz~26GHz

Test Mode:	LTE band 7(15MHz 16QAM) RB Size 75 & RB Offset 0	Test Channel:	Highest channel
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Date: 10.JUL.2017 11:47:56

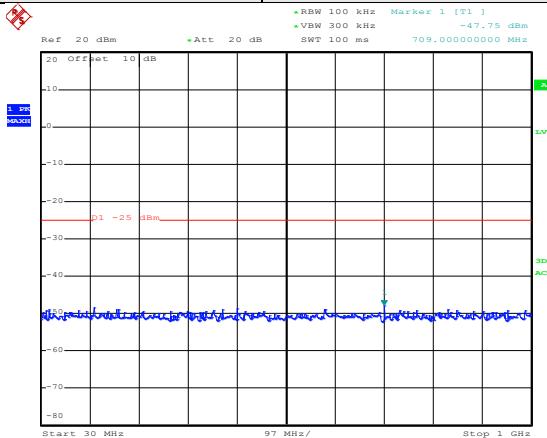
30MHz~1GHz



Date: 11.JUL.2017 21:05:57

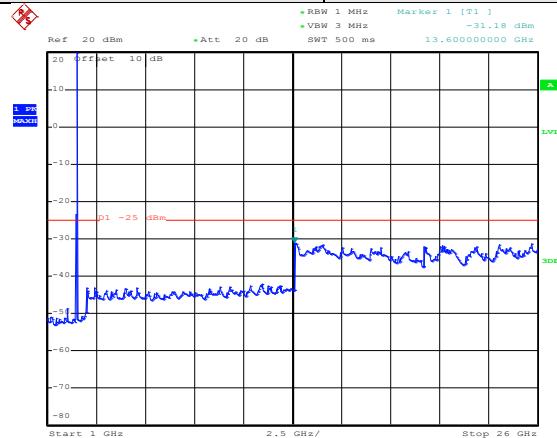
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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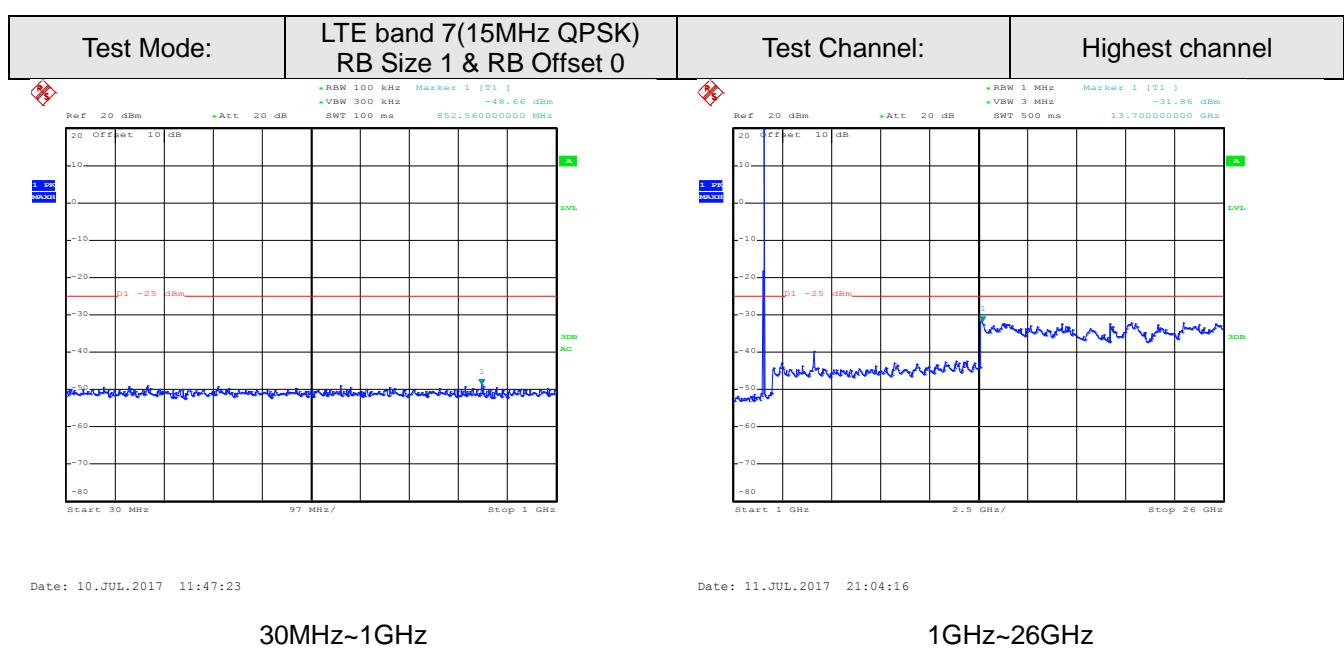
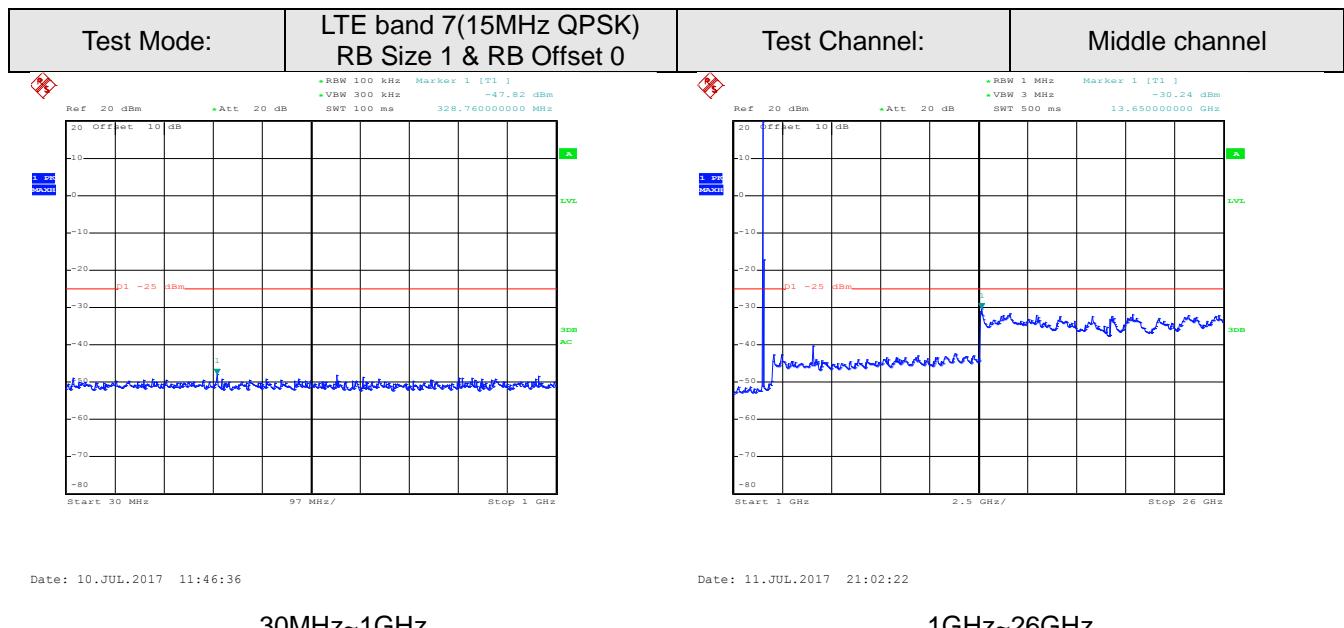
Date: 10.JUL.2017 11:45:55

30MHz~1GHz

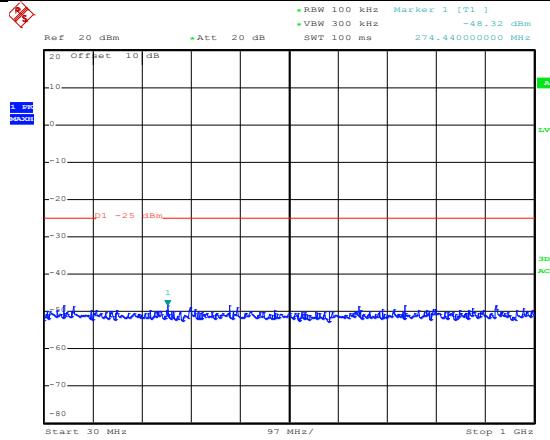


Date: 11.JUL.2017 21:00:07

1GHz~26GHz

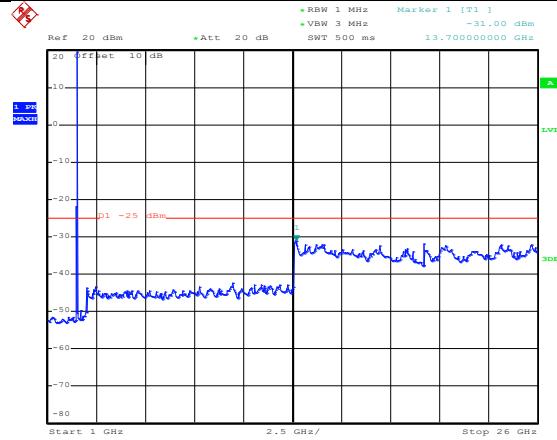


Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Lowest channel
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Date: 10.JUL.2017 11:46:08

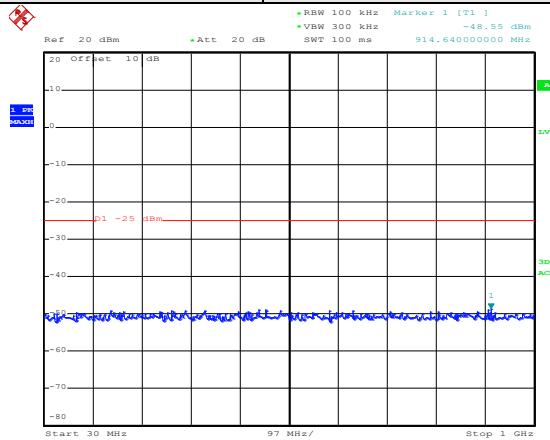
30MHz~1GHz



Date: 11.JUL.2017 21:00:42

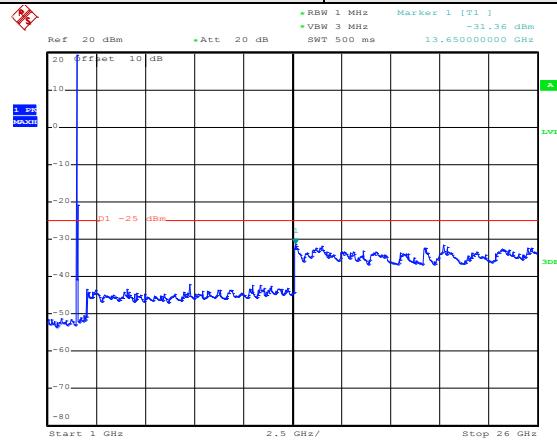
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Middle channel
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Date: 10.JUL.2017 11:46:54

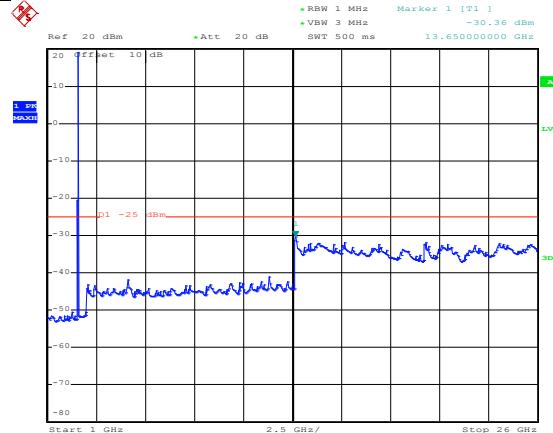
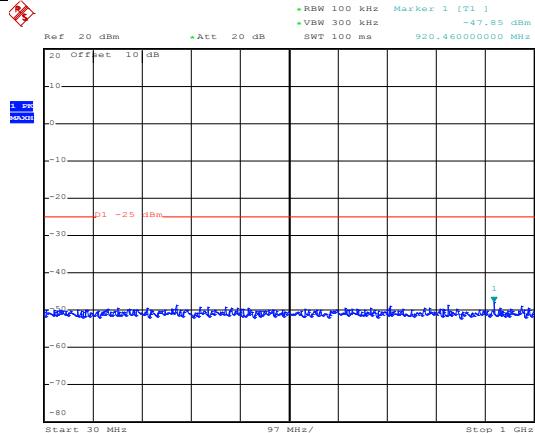
30MHz~1GHz



Date: 11.JUL.2017 21:02:51

1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 36 & RB Offset 0	Test Channel:	Highest channel
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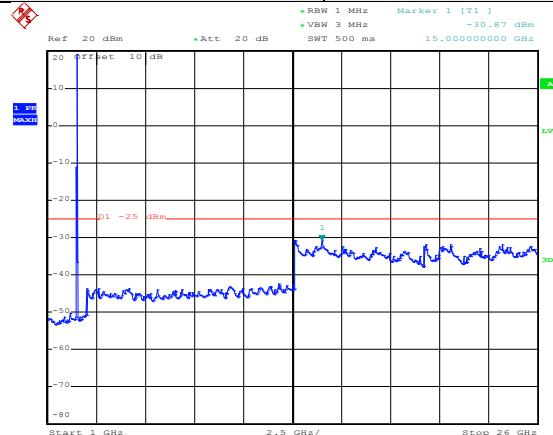
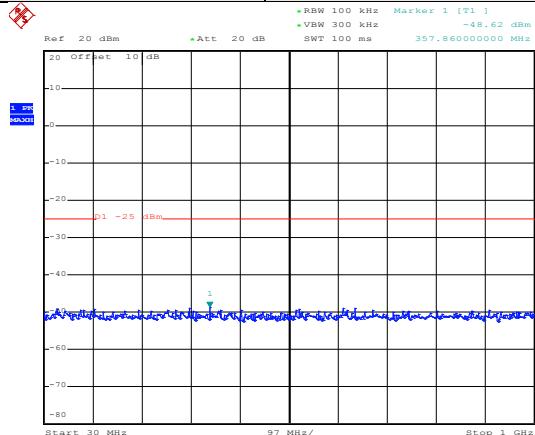
Date: 10.JUL.2017 11:47:39

30MHz~1GHz

Date: 11.JUL.2017 21:05:03

1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Lowest channel
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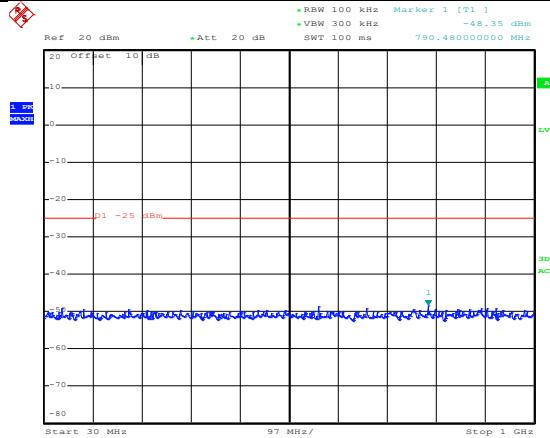
Date: 10.JUL.2017 11:46:22

30MHz~1GHz

Date: 11.JUL.2017 21:01:35

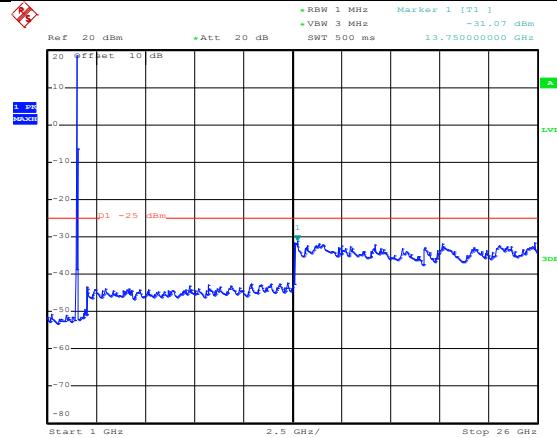
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Middle channel
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Date: 10.JUL.2017 11:47:07

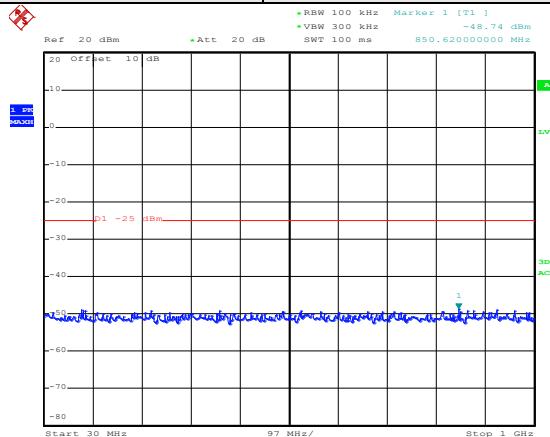
30MHz~1GHz



Date: 11.JUL.2017 21:03:31

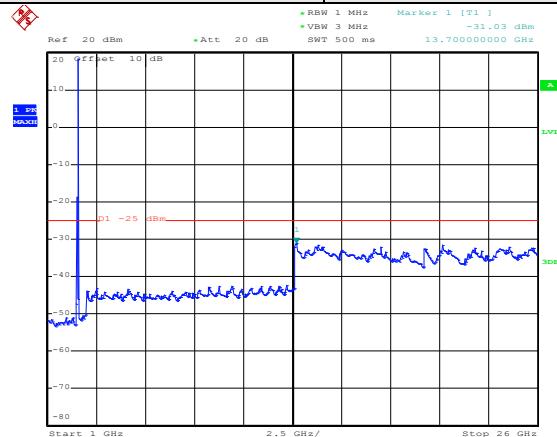
1GHz~26GHz

Test Mode:	LTE band 7(15MHz QPSK) RB Size 75 & RB Offset 0	Test Channel:	Highest channel
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Date: 10.JUL.2017 11:47:51

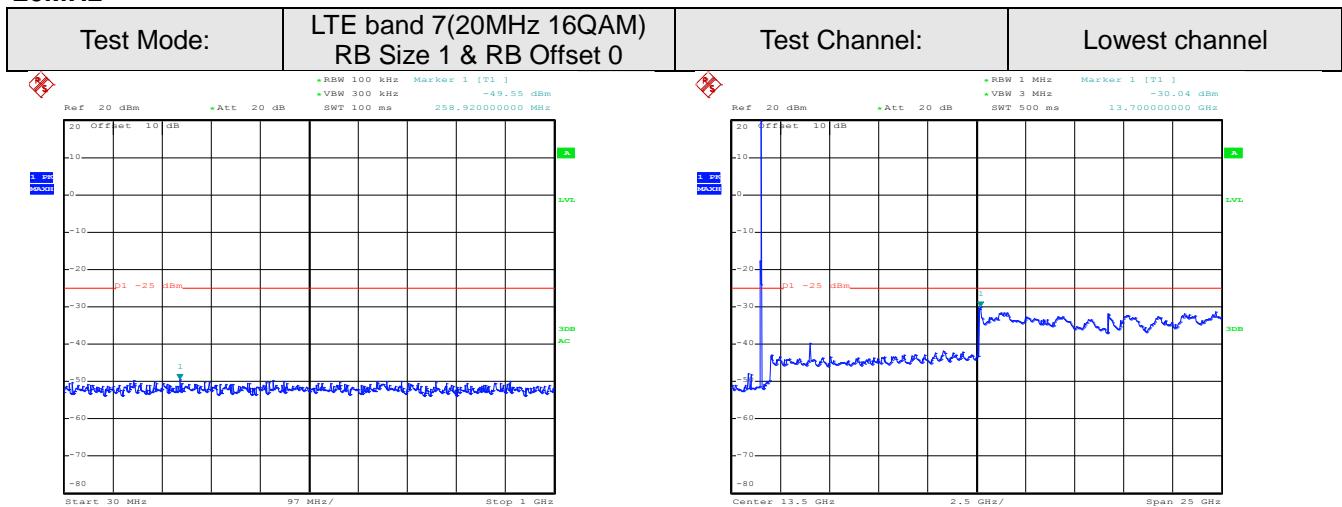
30MHz~1GHz



Date: 11.JUL.2017 21:05:42

1GHz~26GHz

## 20MHz

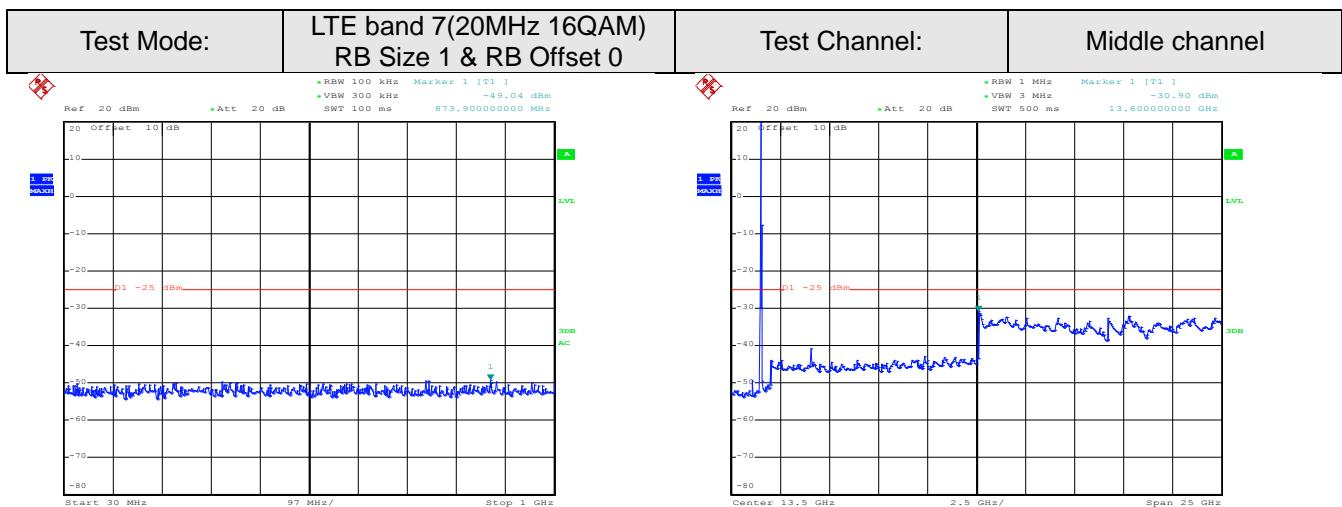


Date: 10.JUL.2017 11:48:17

Date: 11.JUL.2017 21:13:40

## 30MHz~1GHz

## 1GHz~26GHz



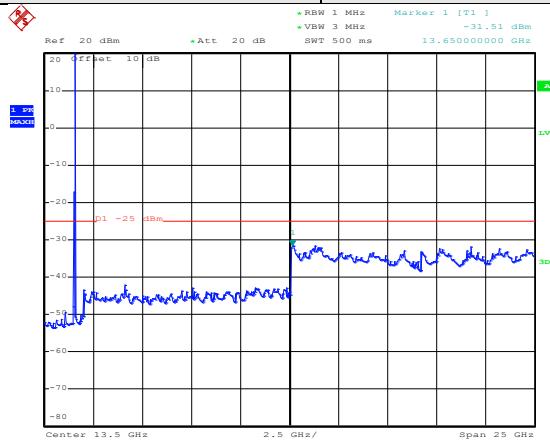
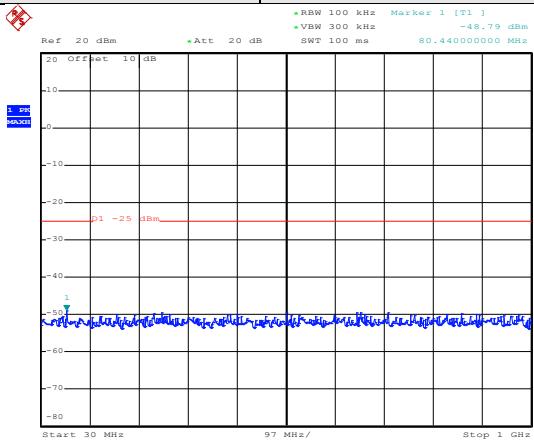
Date: 10.JUL.2017 11:49:02

Date: 11.JUL.2017 21:16:26

## 30MHz~1GHz

## 1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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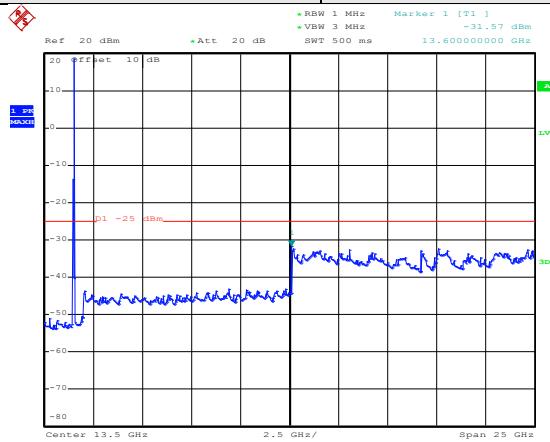
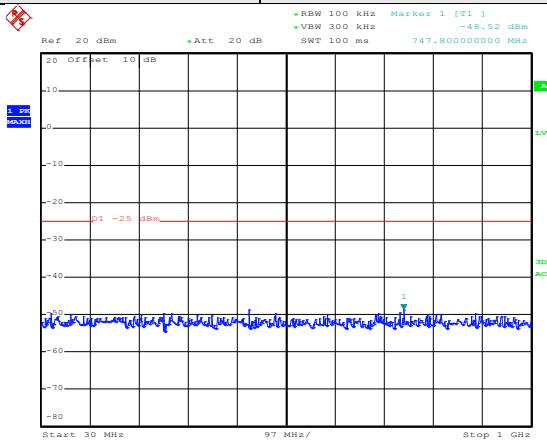
Date: 10.JUL.2017 11:49:52

Date: 11.JUL.2017 21:18:40

30MHz~1GHz

1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 10.JUL.2017 11:48:31

Date: 11.JUL.2017 21:14:58

30MHz~1GHz

1GHz~26GHz

The figure displays two side-by-side spectral analysis plots. The left plot is titled "LTE band 7(20MHz 16QAM) RB Size 50 & RB Offset 0". It shows a blue spectrum centered around 97 MHz, with a red horizontal line at -25 dBm labeled "D1 -25 dBm". The right plot is titled "Middle channel" and shows a blue spectrum centered around 13.5 GHz, with a red horizontal line at -31.73 dBm labeled "D1 -25 dBm". Both plots have a y-axis ranging from -80 to 20 dBm and an x-axis ranging from 30 MHz to 1 GHz (left) or 2.5 GHz to 26 GHz (right). Various markers and parameters are displayed at the top of each plot.

**Test Mode:** LTE band 7(20MHz 16QAM)  
**RB Size 50 & RB Offset 0**

**Test Channel:**

**Highest channel**

Ref 20 dBm Att 20 dB SWT 100 ms Marker 1 [T1] 712.880000000 MHz

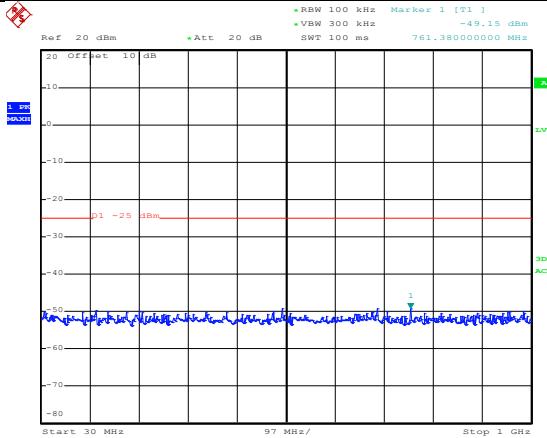
Ref 20 dBm Att 20 dB SWT 500 ms Marker 1 [T1] 13.600000000 GHz

Start 30 MHz Stop 1 GHz Center 13.5 GHz Span 25 GHz

1 PP 1 LVL 1 AC 1 dB

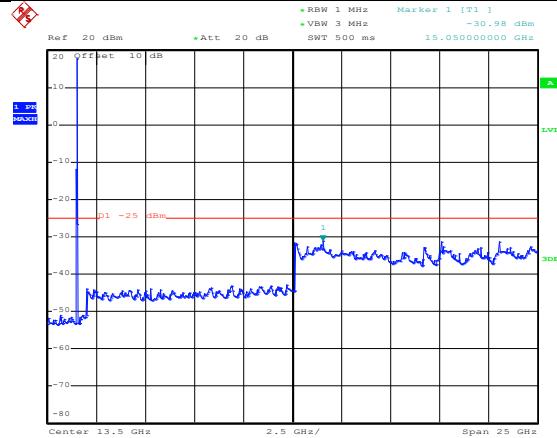
D1 -25 dBm

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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Date: 10.JUL.2017 11:48:47

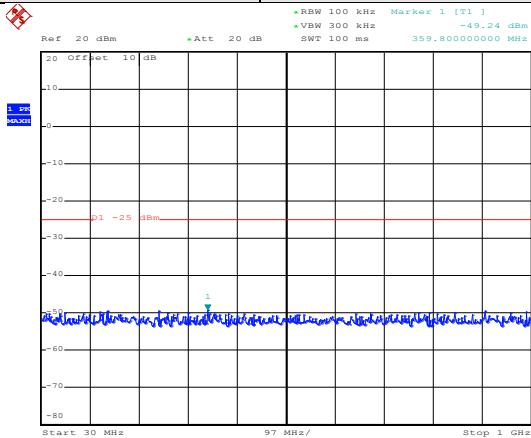
30MHz~1GHz



Date: 11.JUL.2017 21:15:41

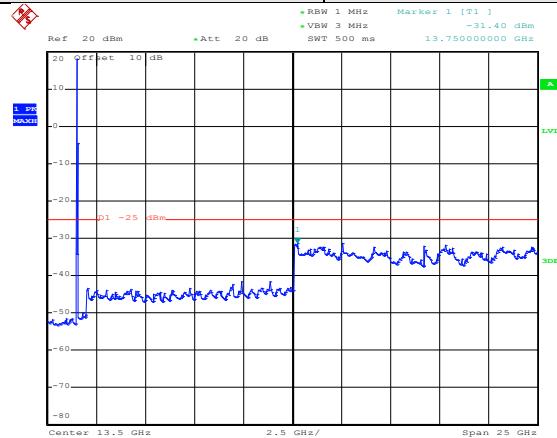
1GHz~26GHz

Test Mode:	LTE band 7(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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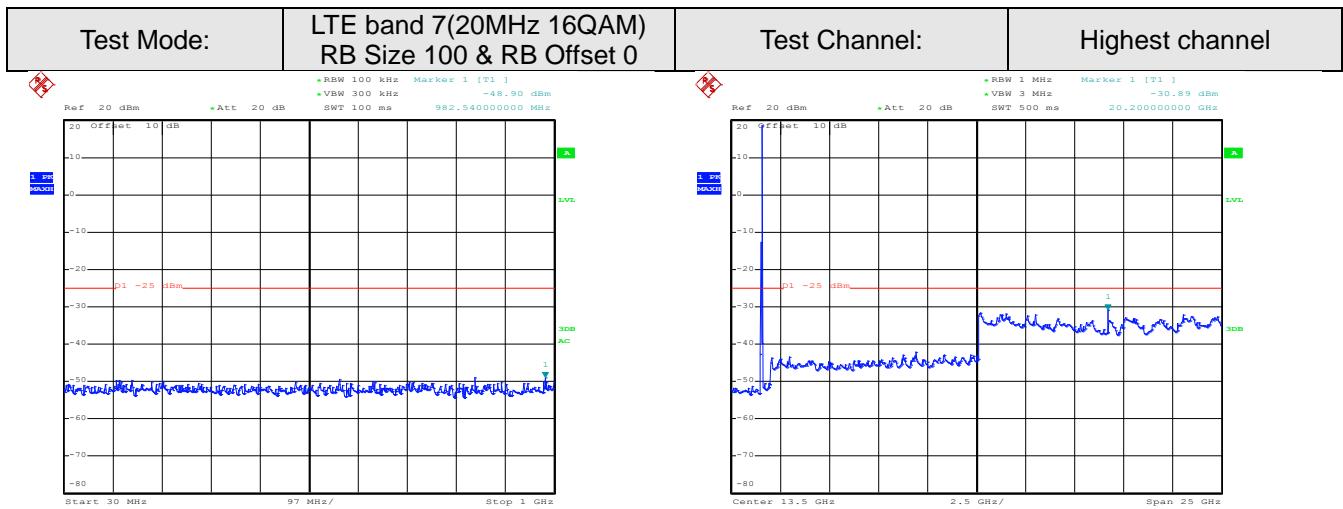
Date: 10.JUL.2017 11:49:31

30MHz~1GHz



Date: 11.JUL.2017 21:17:57

1GHz~26GHz

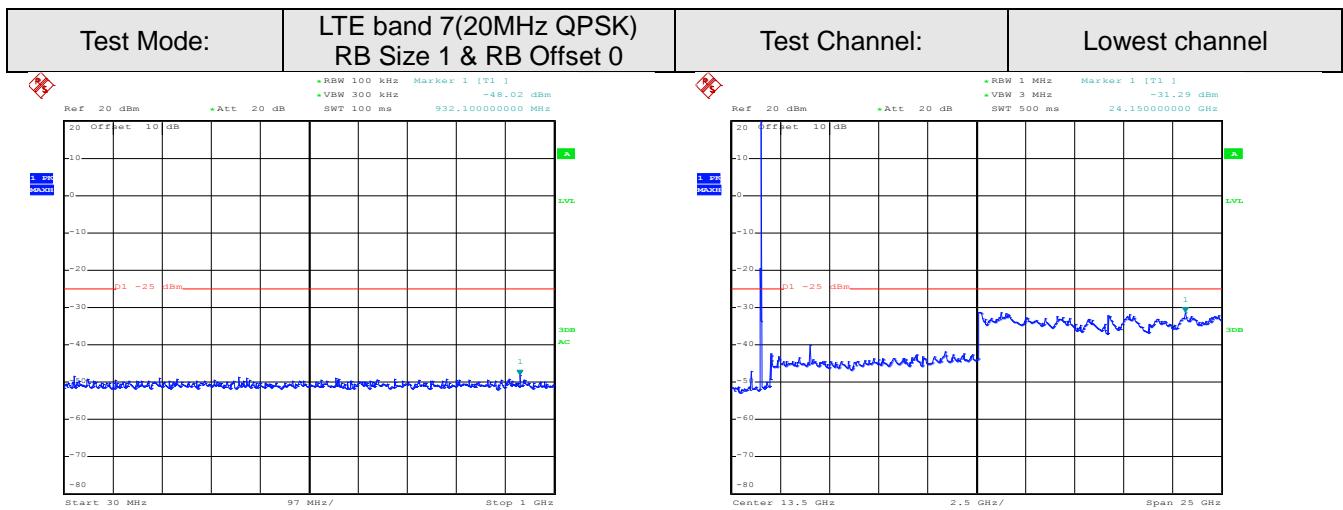


Date: 10.JUL.2017 11:50:21

30MHz~1GHz

Date: 11.JUL.2017 21:19:57

1GHz~26GHz

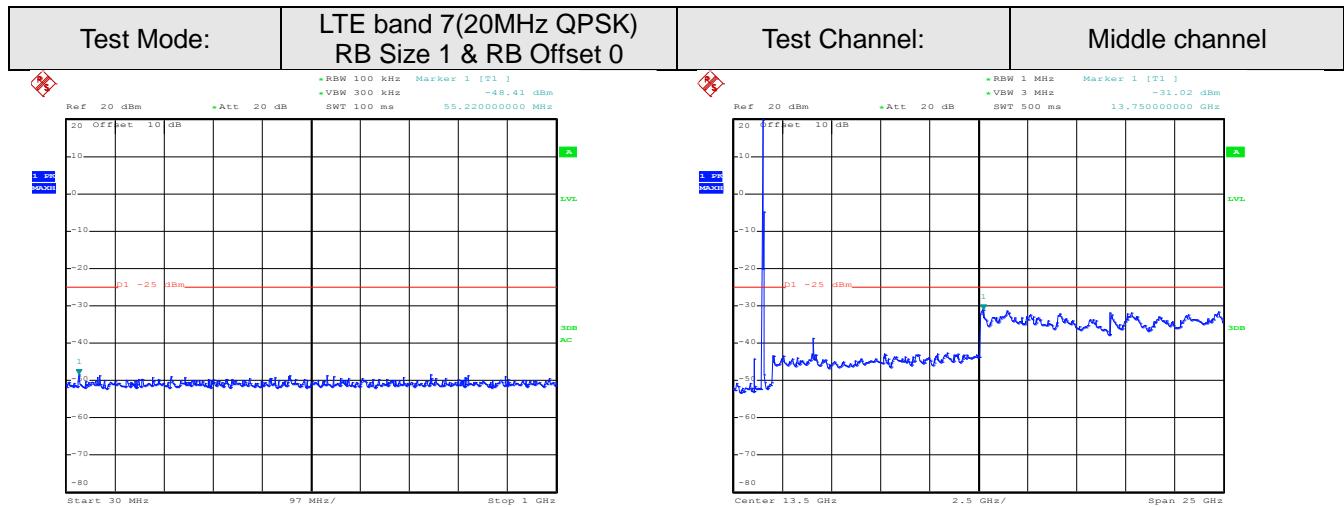


Date: 10.JUL.2017 11:48:10

30MHz~1GHz

Date: 11.JUL.2017 21:14:20

1GHz~26GHz

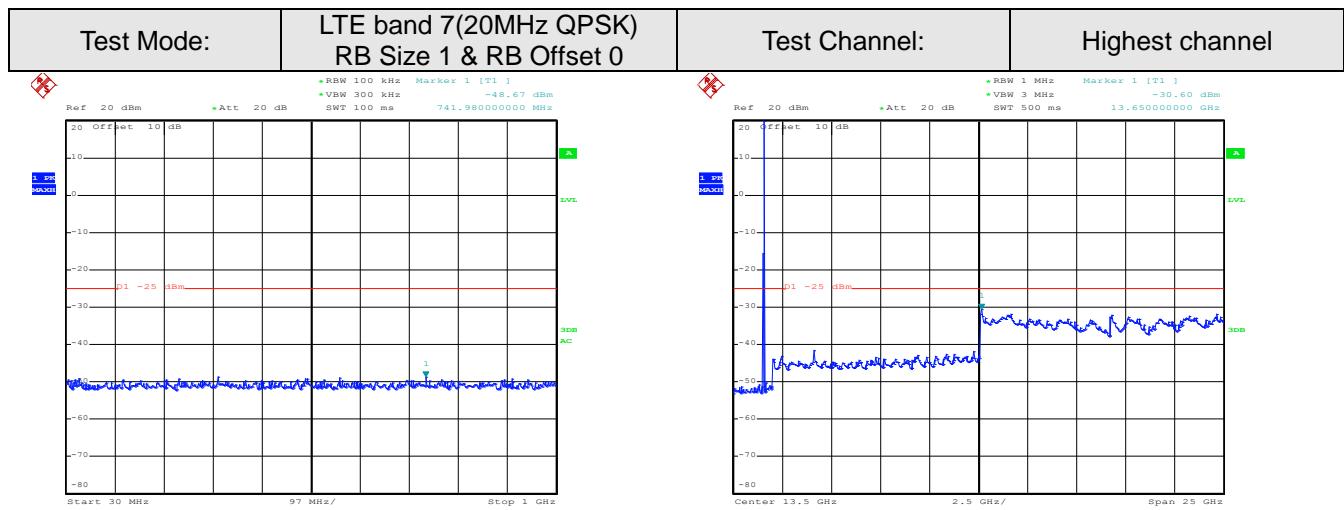


Date: 10.JUL.2017 11:48:58

30MHz~1GHz

Date: 11.JUL.2017 21:16:12

1GHz~26GHz

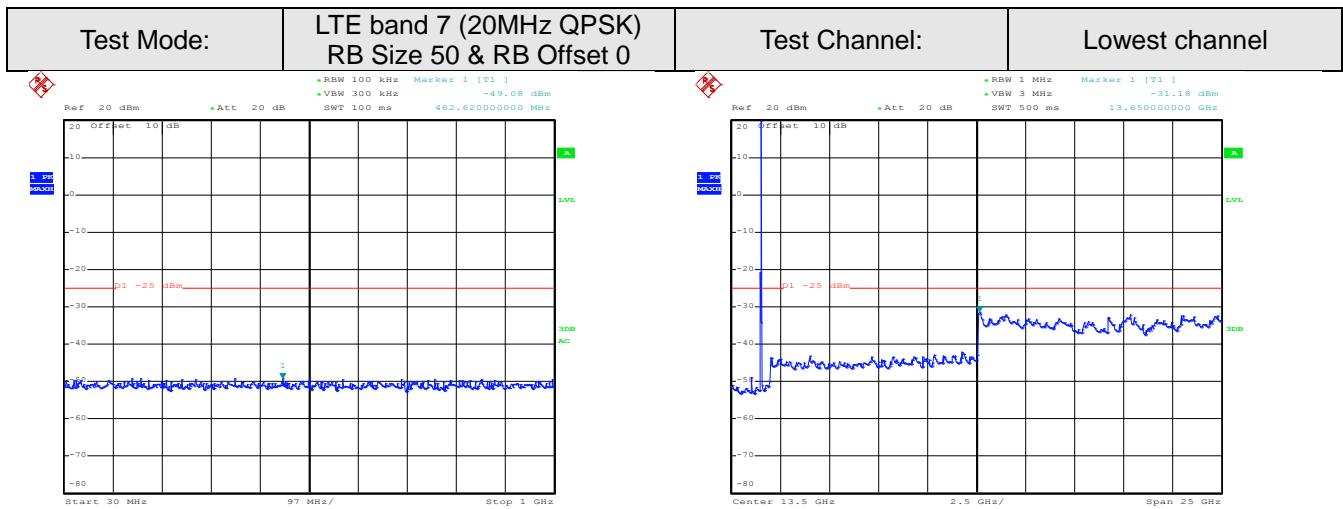


Date: 10.JUL.2017 11:49:42

30MHz~1GHz

Date: 11.JUL.2017 21:18:26

1GHz~26GHz

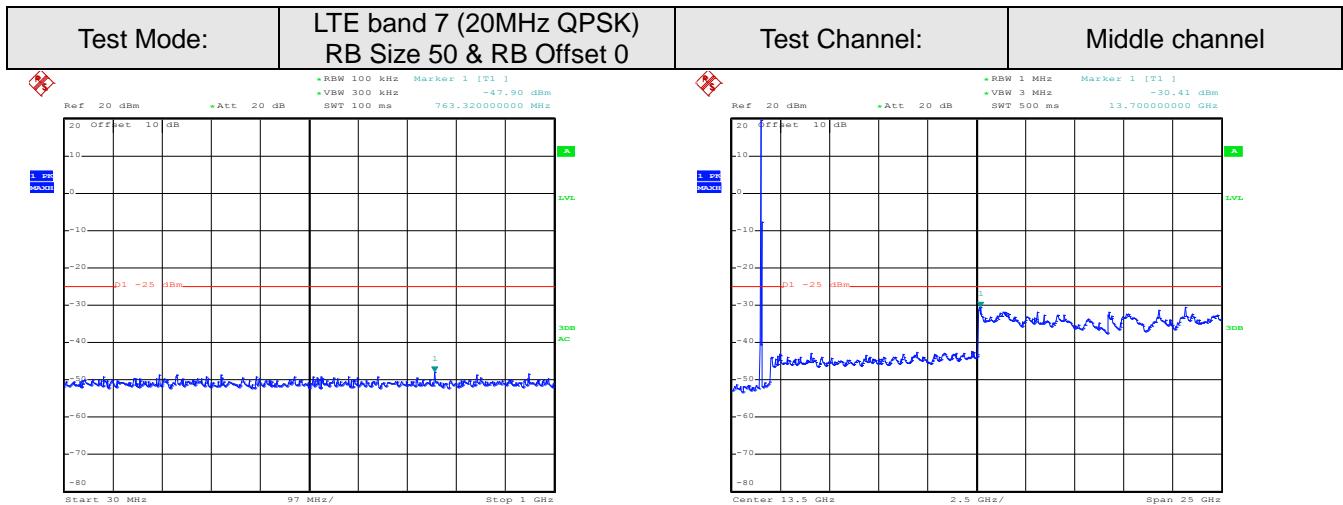


Date: 10.JUL.2017 11:48:27

30MHz~1GHz

Date: 11.JUL.2017 21:14:40

1GHz~26GHz



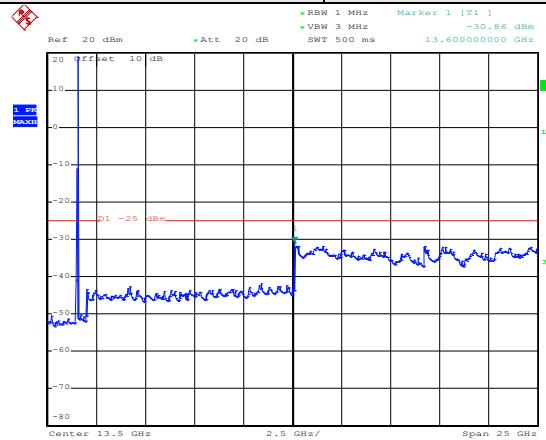
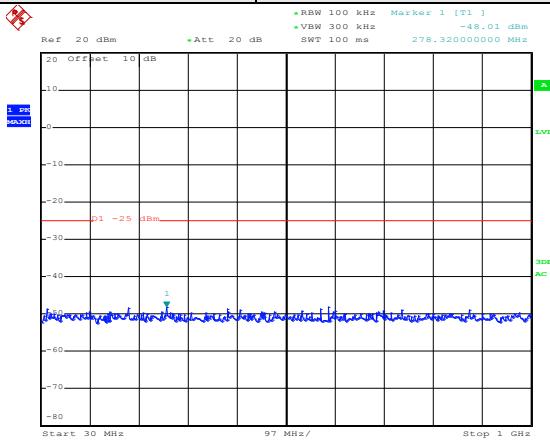
Date: 10.JUL.2017 11:49:12

30MHz~1GHz

Date: 11.JUL.2017 21:16:54

1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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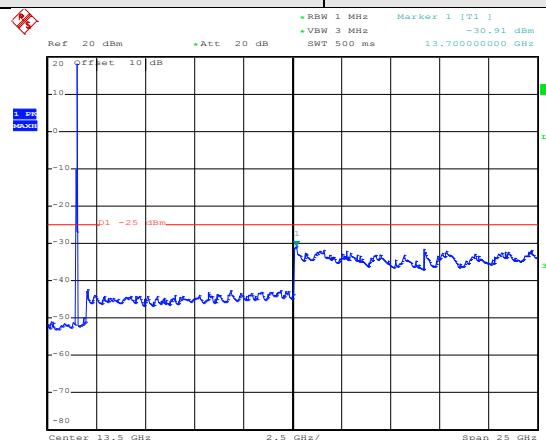
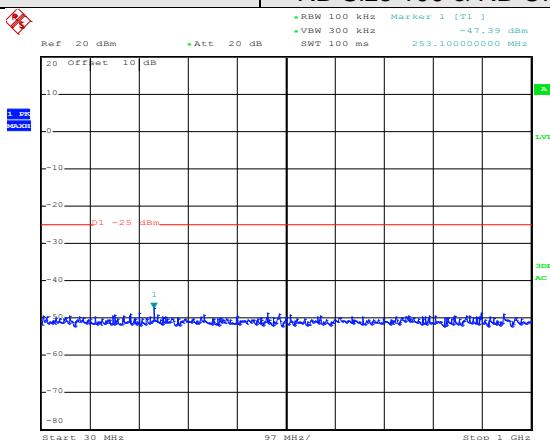
Date: 10.JUL.2017 11:50:01

Date: 11.JUL.2017 21:19:04

30MHz~1GHz

1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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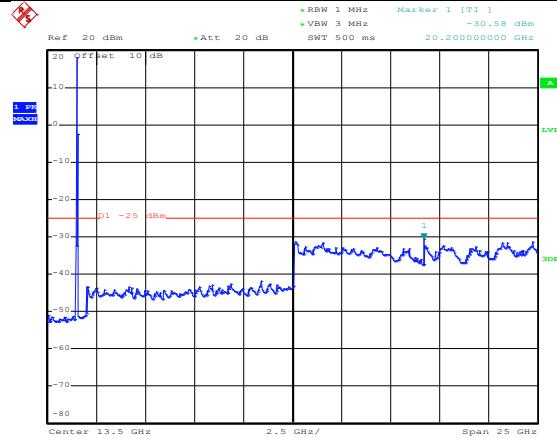
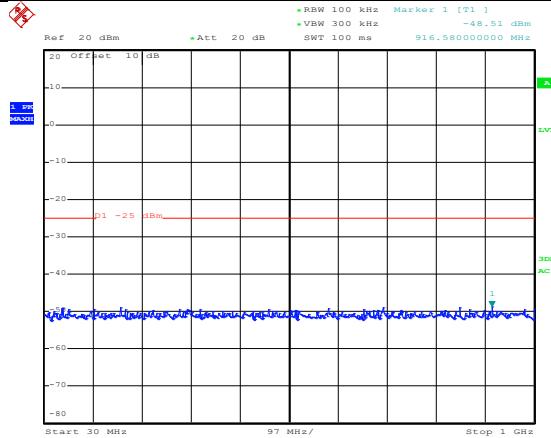
Date: 10.JUL.2017 11:48:42

Date: 11.JUL.2017 21:15:29

30MHz~1GHz

1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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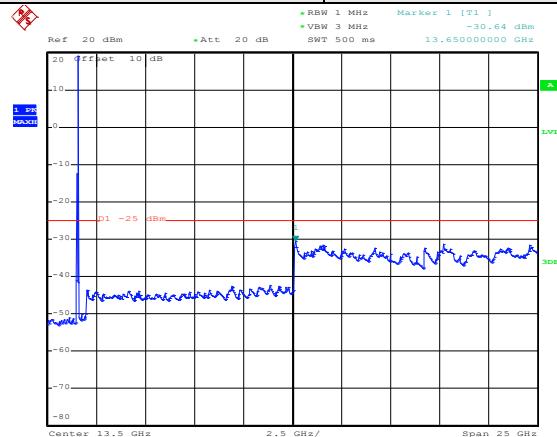
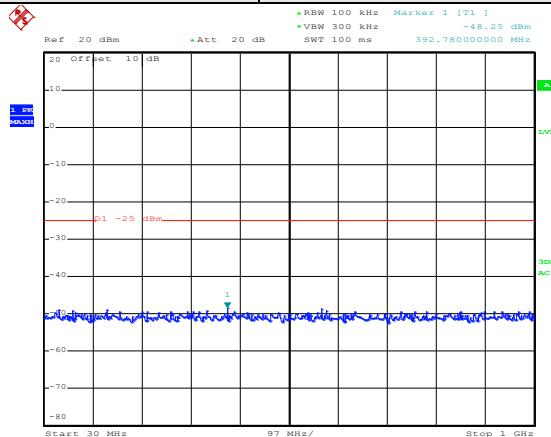
Date: 10.JUL.2017 11:49:26

30MHz~1GHz

Date: 11.JUL.2017 21:17:37

1GHz~26GHz

Test Mode:	LTE band 7(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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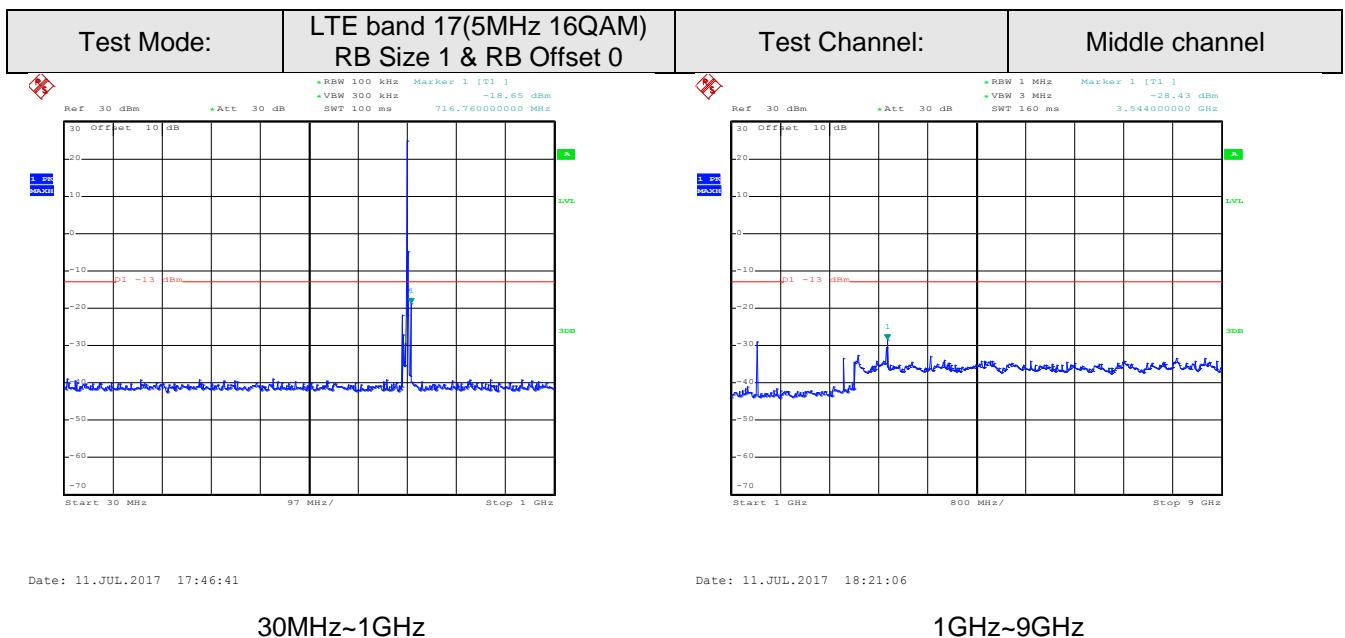
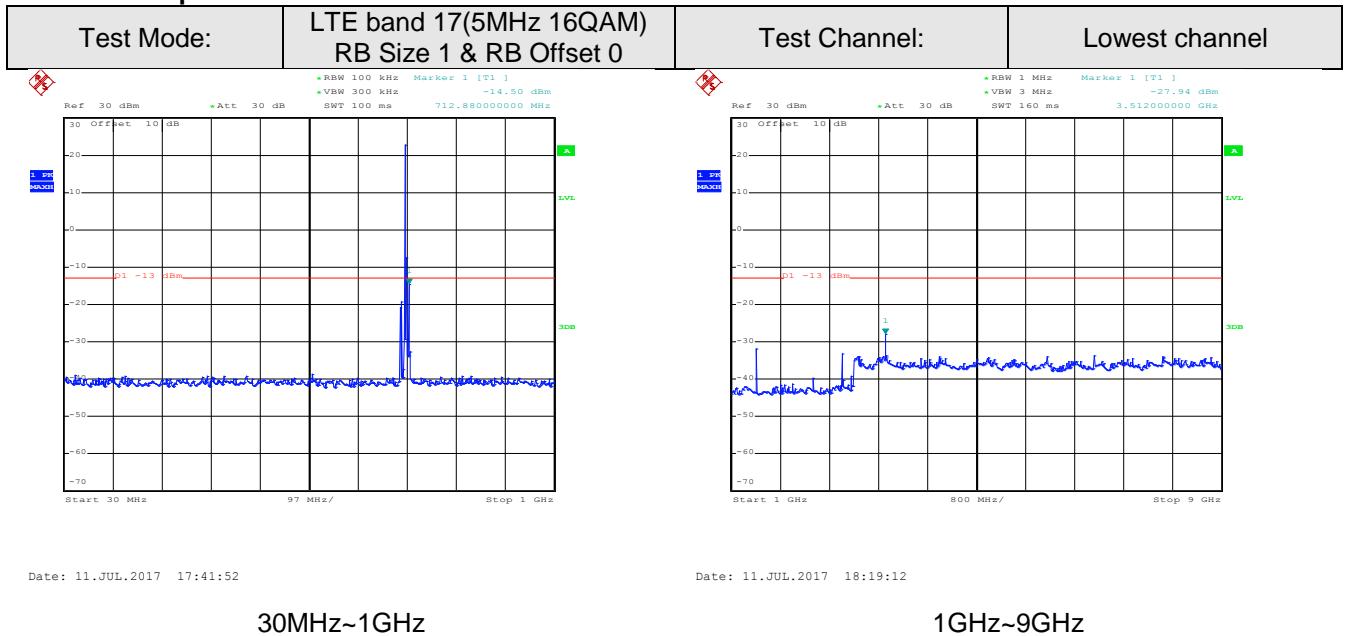
Date: 10.JUL.2017 11:50:16

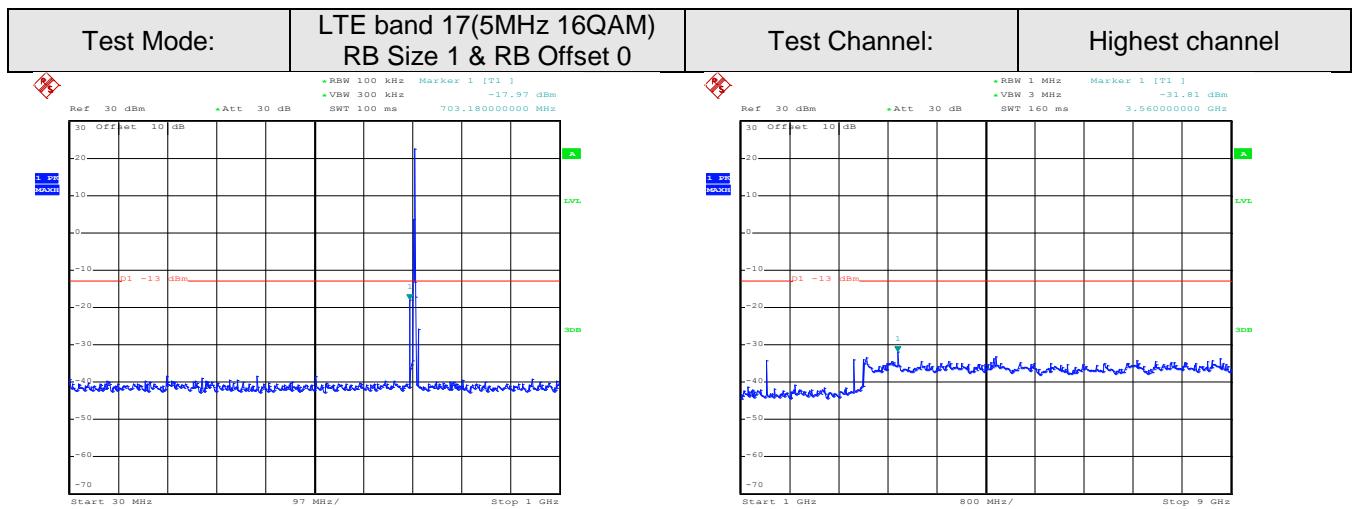
30MHz~1GHz

Date: 11.JUL.2017 21:19:43

1GHz~26GHz

**LTE band 17 part:5MHz:**



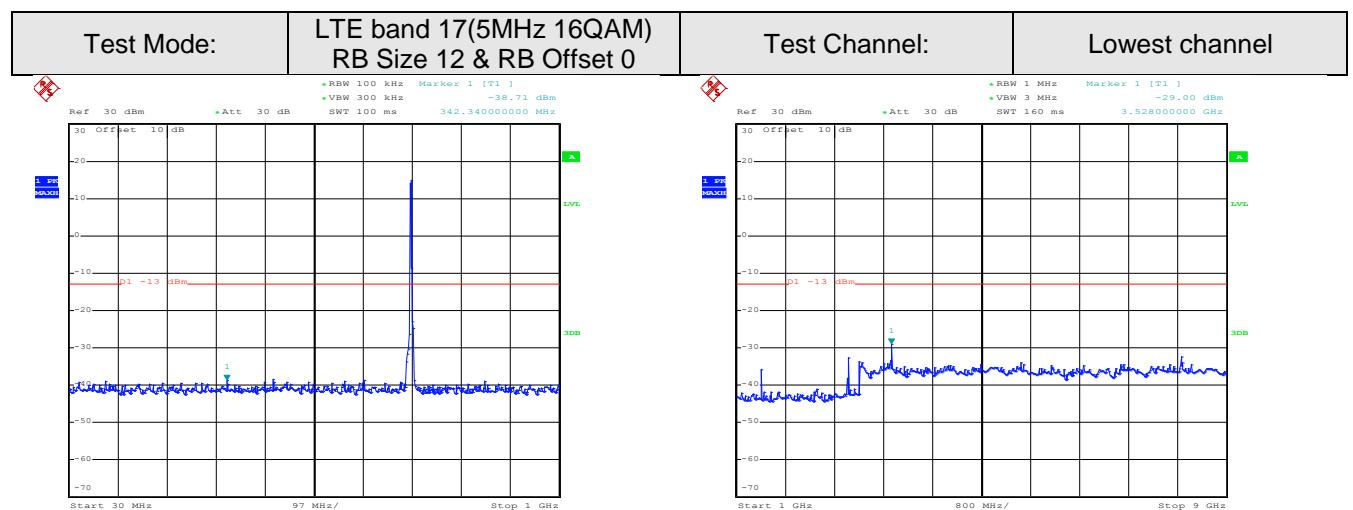


Date: 11.JUL.2017 17:49:07

30MHz~1GHz

Date: 11.JUL.2017 18:23:19

1GHz~9GHz



Date: 11.JUL.2017 17:44:36

30MHz~1GHz

Date: 11.JUL.2017 18:19:36

1GHz~9GHz

**Test Mode:** LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0

- RBW 100 kHz
- Marker 1 ("T1") -38.28 dBm
- VBW 300 kHz
- SWT 100 ms
- 751.680000000 MHz

**Test Channel:**

- RBW 1 MHz
- Marker 1 ("T1") -31.58 dBm
- VBW 3 MHz
- SWT 160 ms
- 3.544000000 GHz

**Middle channel**

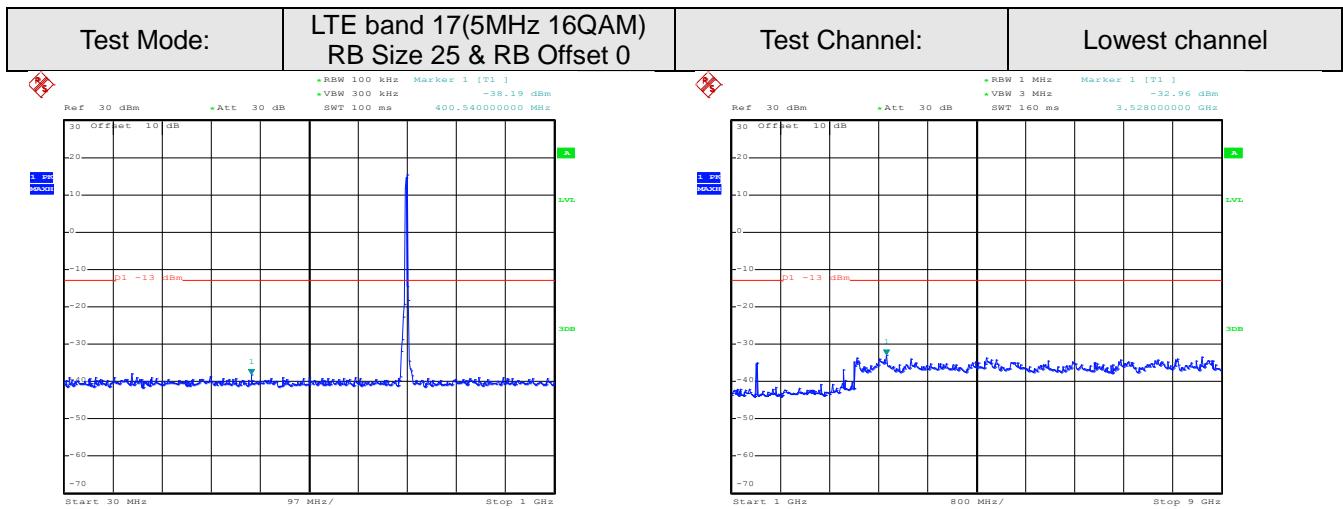
The figure consists of two side-by-side spectrum analysis plots. The left plot shows the 30MHz-1GHz range, and the right plot shows the 1GHz-9GHz range. Both plots have a Y-axis representing power from -70 dBm to 30 dBm and an X-axis representing frequency.

**Left Plot (30MHz-1GHz):**

- Legend:** Ref 30 dBm, Act 30 dB, SWT 100 ms, RBW 100 kHz, VSW 300 kHz, Marker 1 [T1] at -38.76 dBm, Center Frequency 627.520000000 MHz.
- Y-axis:** LVL (Level) scale from -70 to 30 dBm.
- X-axis:** Start 30 MHz, Stop 1 GHz.
- Annotations:** A red horizontal line at -13 dBm labeled "D1 -13 dBm". A blue vertical line labeled "1" marks the center frequency at 627.520000000 MHz.

**Right Plot (1GHz-9GHz):**

- Legend:** Ref 30 dBm, Act 30 dB, SWT 100 ms, RBW 1 kHz, VSW 3 kHz, Marker 1 [T1] at -33.12 dBm, Center Frequency 0.248000000 GHz.
- Y-axis:** LVL (Level) scale from -70 to 30 dBm.
- X-axis:** Start 1 GHz, Stop 9 GHz.
- Annotations:** A red horizontal line at -13 dBm labeled "D1 -13 dBm". A blue vertical line labeled "1" marks the center frequency at 0.248000000 GHz.

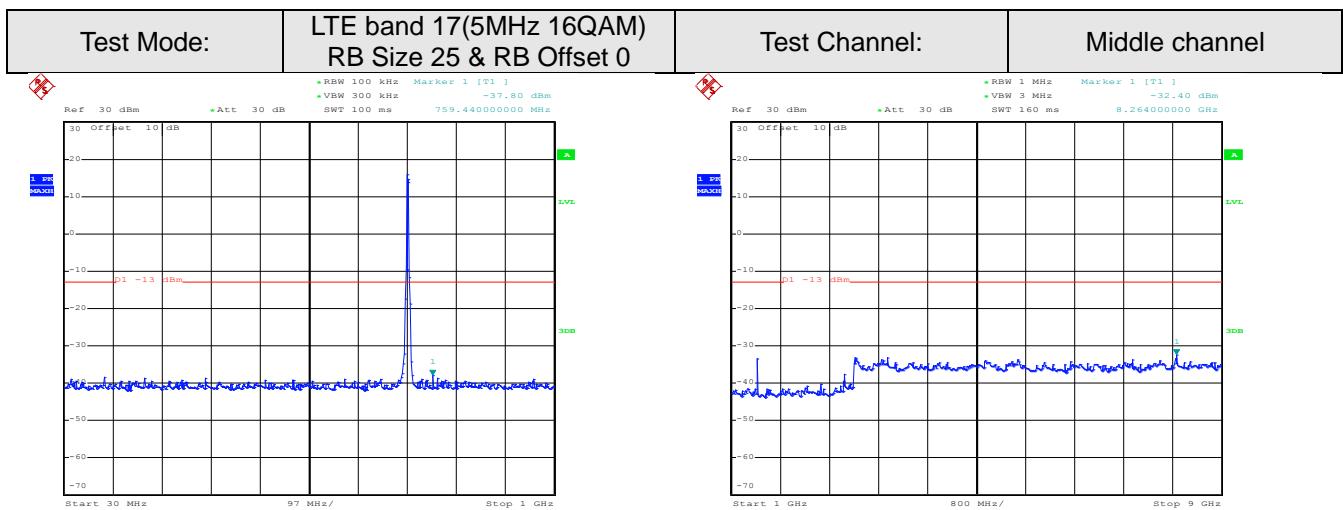


Date: 11.JUL.2017 17:45:46

30MHz~1GHz

Date: 11.JUL.2017 18:20:01

1GHz~9GHz



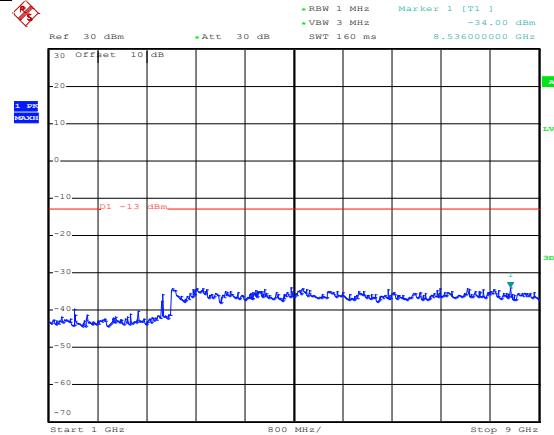
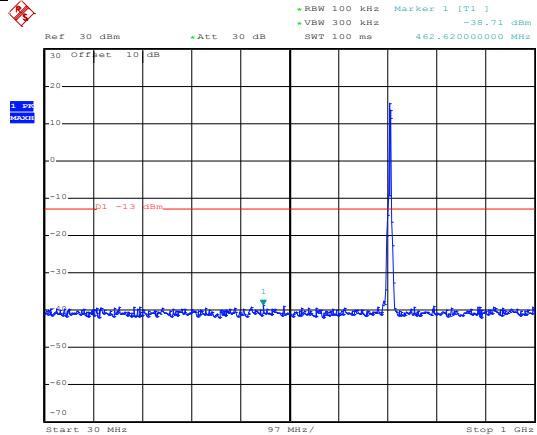
Date: 11.JUL.2017 17:48:27

30MHz~1GHz

Date: 11.JUL.2017 18:22:33

1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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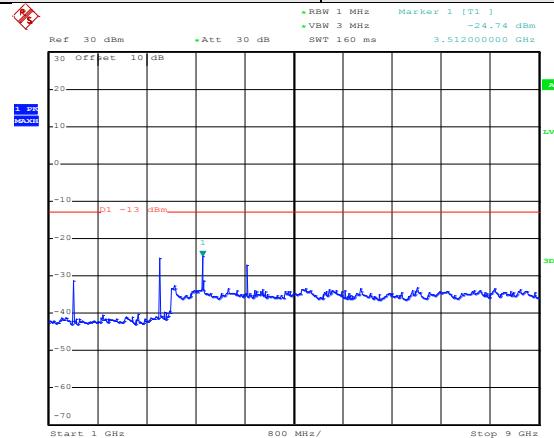
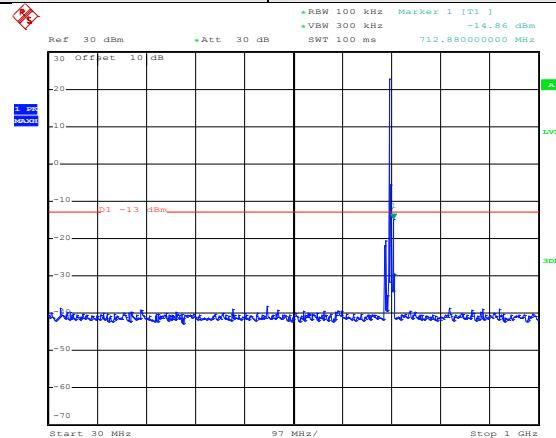
Date: 11.JUL.2017 17:51:20

30MHz~1GHz

Date: 11.JUL.2017 18:24:03

1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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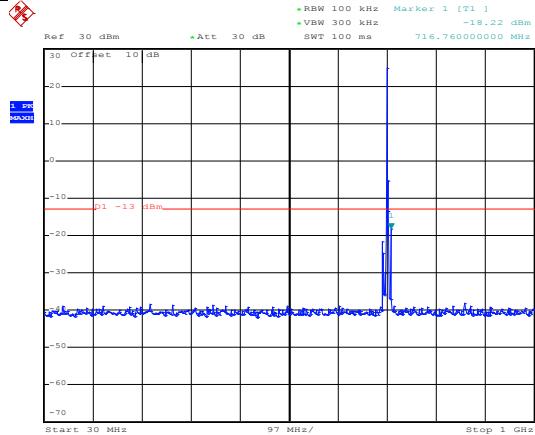
Date: 11.JUL.2017 17:40:31

30MHz~1GHz

Date: 11.JUL.2017 18:18:49

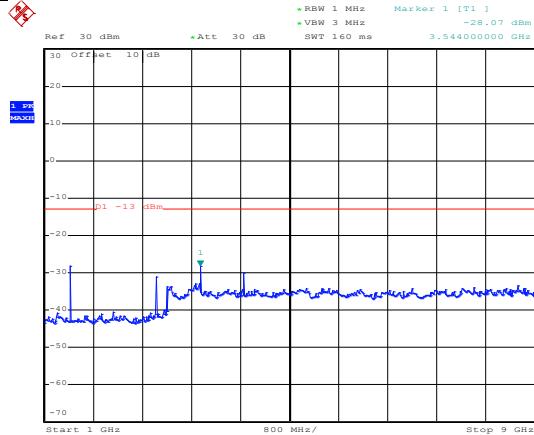
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 11.JUL.2017 17:46:19

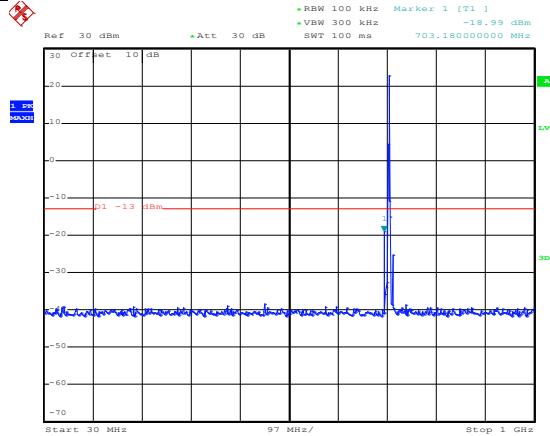
30MHz~1GHz



Date: 11.JUL.2017 18:20:54

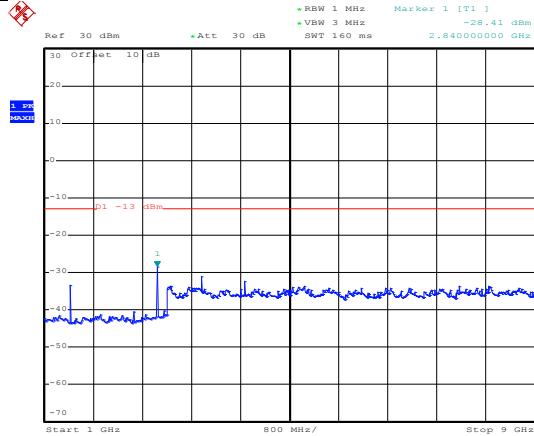
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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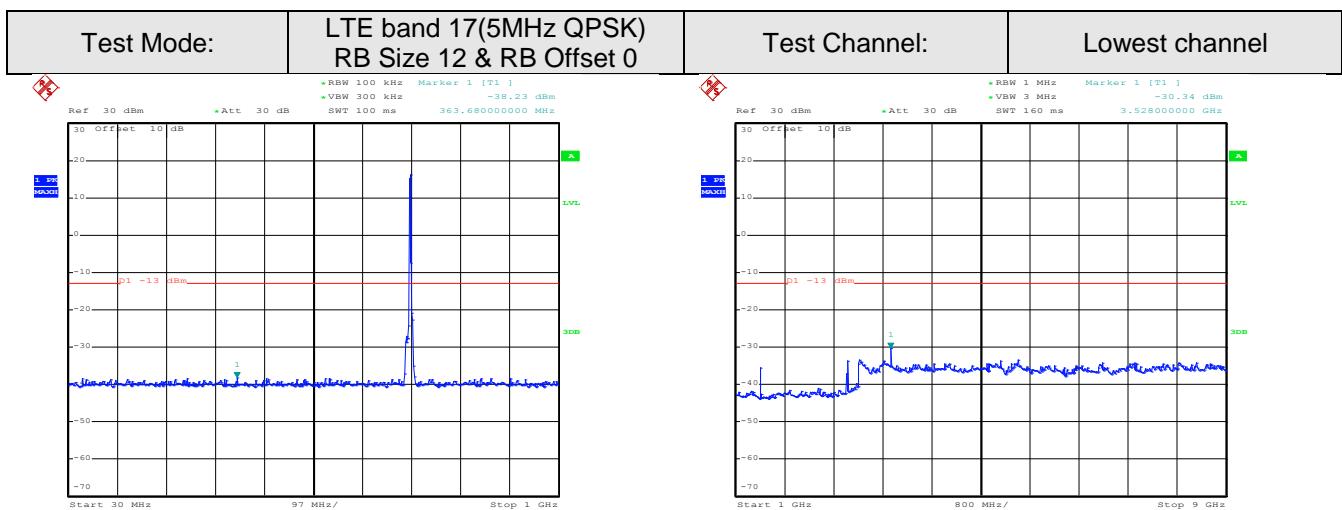
Date: 11.JUL.2017 17:48:56

30MHz~1GHz



Date: 11.JUL.2017 18:23:09

1GHz~9GHz

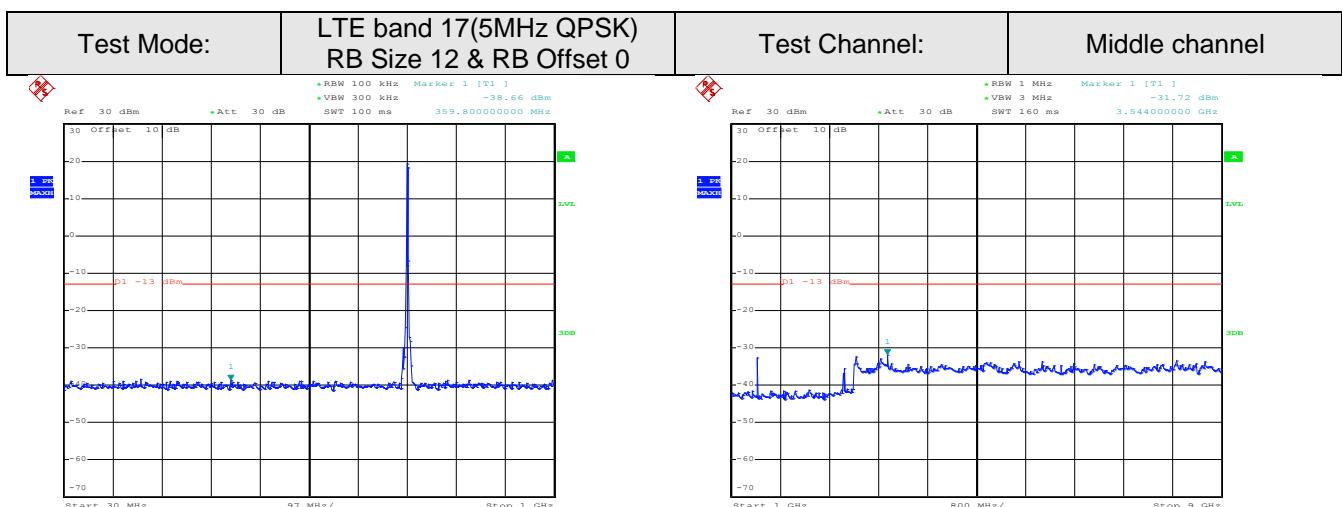


Date: 11.JUL.2017 17:44:20

30MHz~1GHz

Date: 11.JUL.2017 18:19:28

1GHz~9GHz



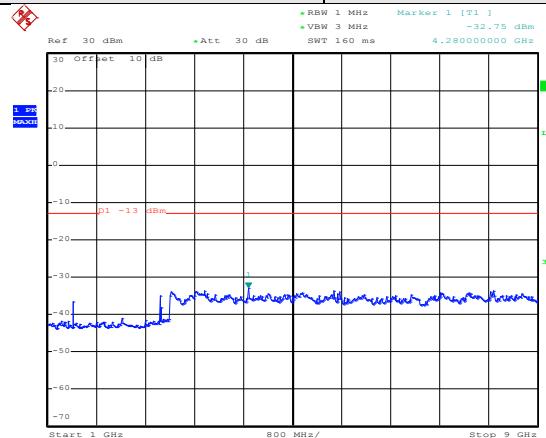
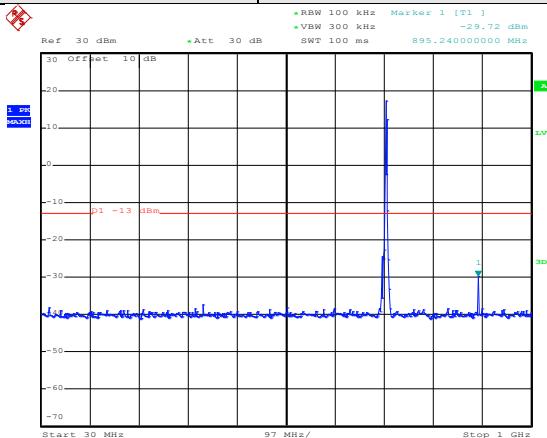
Date: 11.JUL.2017 17:47:23

30MHz~1GHz

Date: 11.JUL.2017 18:21:23

1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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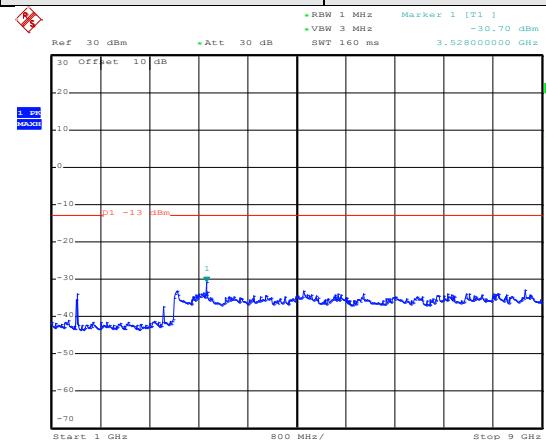
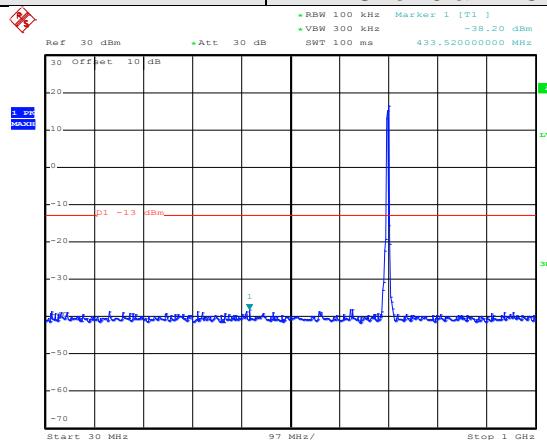
Date: 11.JUL.2017 17:49:59

30MHz~1GHz

Date: 11.JUL.2017 18:23:34

1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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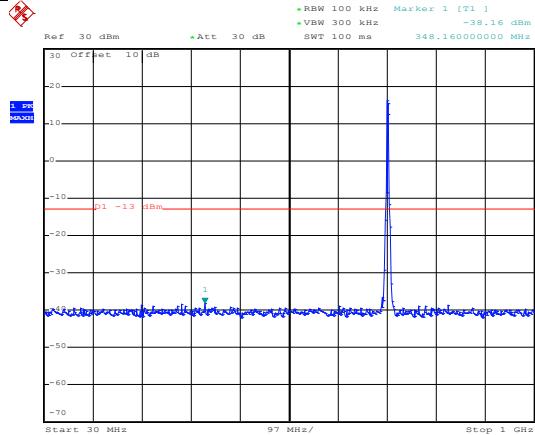
Date: 11.JUL.2017 17:45:11

30MHz~1GHz

Date: 11.JUL.2017 18:19:52

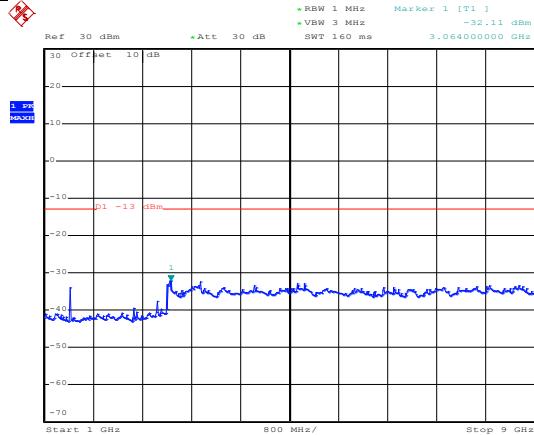
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 11.JUL.2017 17:48:09

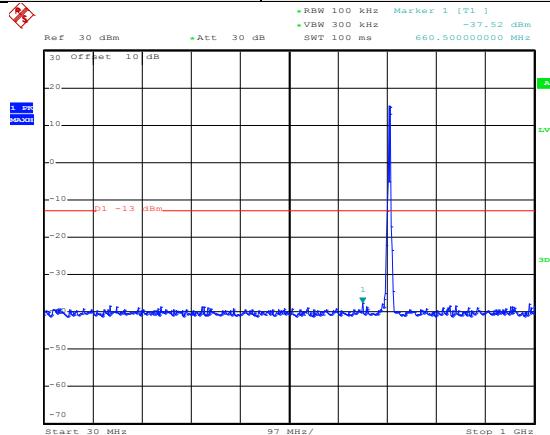
30MHz~1GHz



Date: 11.JUL.2017 18:22:18

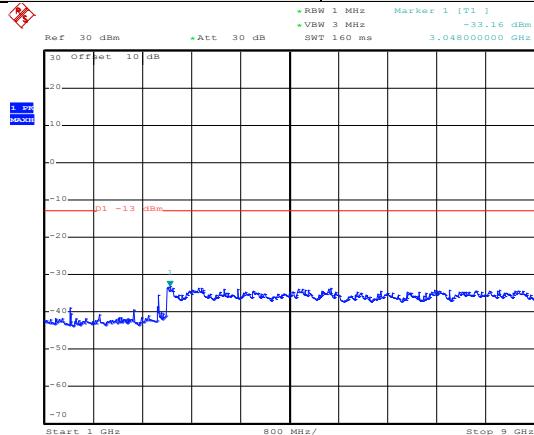
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 11.JUL.2017 17:51:02

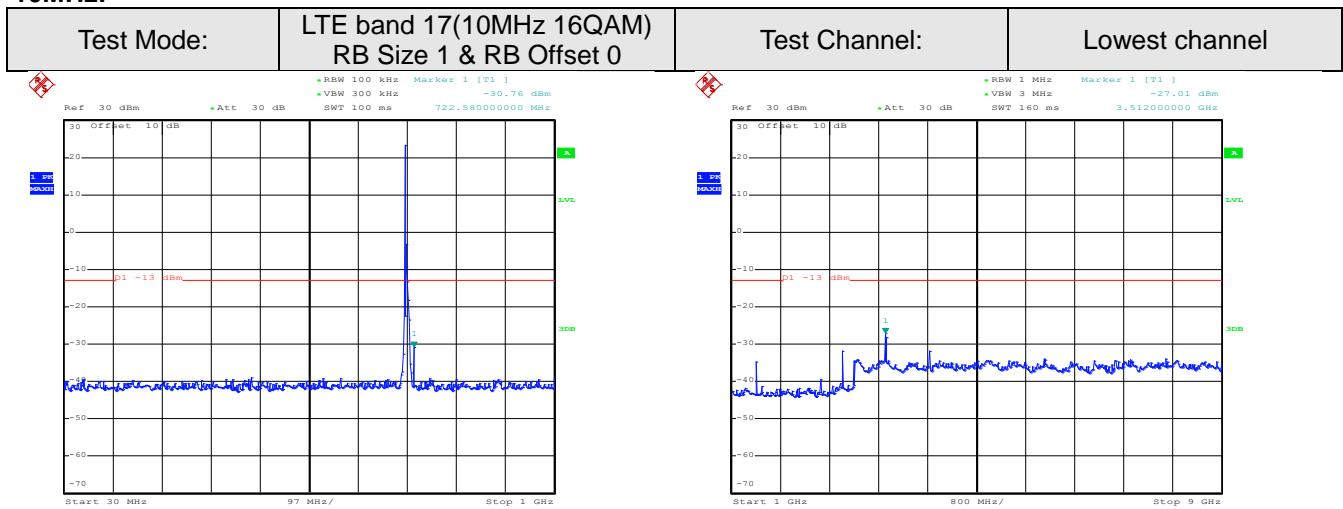
30MHz~1GHz



Date: 11.JUL.2017 18:23:56

1GHz~9GHz

**10MHz:**

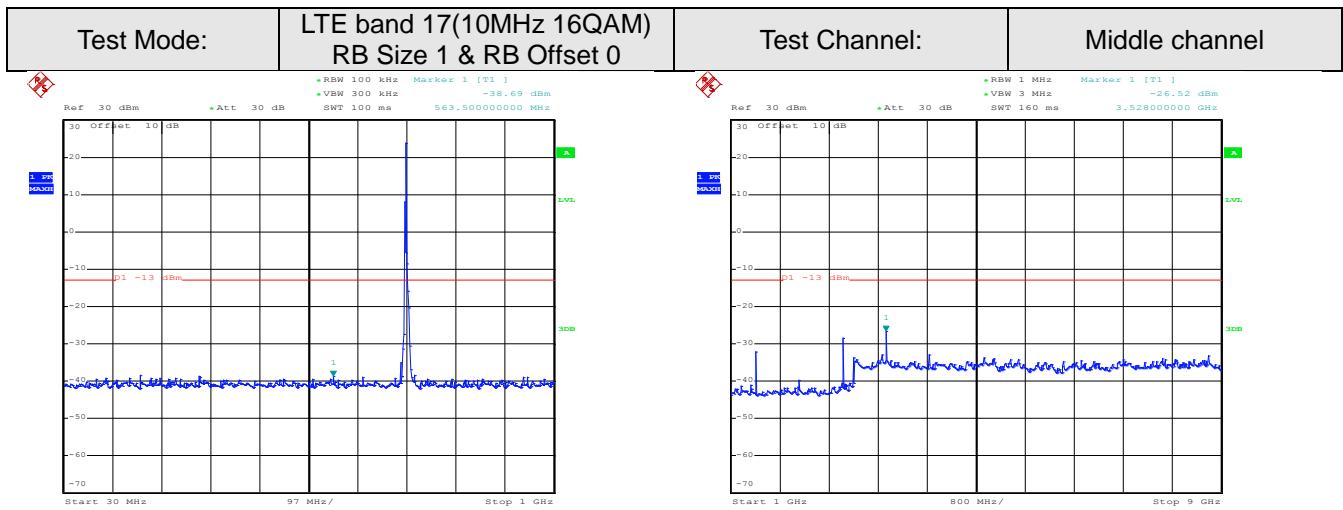


Date: 11.JUL.2017 17:56:32

Date: 11.JUL.2017 18:24:51

30MHz~1GHz

1GHz~9GHz



Date: 11.JUL.2017 17:59:39

Date: 11.JUL.2017 18:26:15

30MHz~1GHz

1GHz~9GHz

**Test Mode:** LTE band 17(10MHz 16QAM)  
**RB Size 1 & RB Offset 0**

**Test Channel:**

**Highest channel**

Legend (Left Plot):

- RBW 100 kHz
- Marker 1 (T1)
- Att 30 dB
- VSWR 300 kHz
- 38.75 dBm
- SWR 100 ms
- 421.880000000 MHz

Legend (Right Plot):

- RBW 1 MHz
- Marker 1 (T1)
- Att 30 dB
- VBW 3 MHz
- 28.09 dBm
- SWR 160 ms
- 2.824000000 GHz

Y-axis: LVL (Left), SDR (Right)

X-axis: Start 30 MHz, Stop 1 GHz (Left); Start 1 GHz, Stop 9 GHz (Right)

Date: 11.JUL.2017 18:11:41

Date: 11.JUL.2017 18:27:35

30MHz~1GHz

1GHz~9GHz

**Test Mode:** LTE band 17(10MHz 16QAM)  
RB Size 25 & RB Offset 0

**Test Channel:**

**Lowest channel**

Legend: RBW 100 KHz, Marker 1 [-31.1], VBW 300 KHz, -38.74 dBm, SWF 100 ms, 260.860000000 MHz.

Y-axis: Ref 30 dBm, Att 30 dB, SWF 100 ms, LVL, 30 dB, 20 dB, 10 dB, 0 dB, -10 dB, -20 dB, -30 dB, -40 dB, -50 dB, -60 dB, -70 dB.

X-axis: Start 30 MHz, 97 MHz/, Stop 1 GHz.

Marker 1: -31.1 dBm.

Legend: RBW 3 MHz, Marker 1 [-31.1], VBW 3 MHz, -32.71 dBm, SWF 160 ms, 3.528000000 GHz.

Y-axis: Ref 30 dBm, Att 30 dB, SWF 160 ms, LVL, 30 dB, 20 dB, 10 dB, 0 dB, -10 dB, -20 dB, -30 dB, -40 dB, -50 dB, -60 dB, -70 dB.

X-axis: Start 1 GHz, 800 MHz/, Stop 9 GHz.

Marker 1: -31.1 dBm.

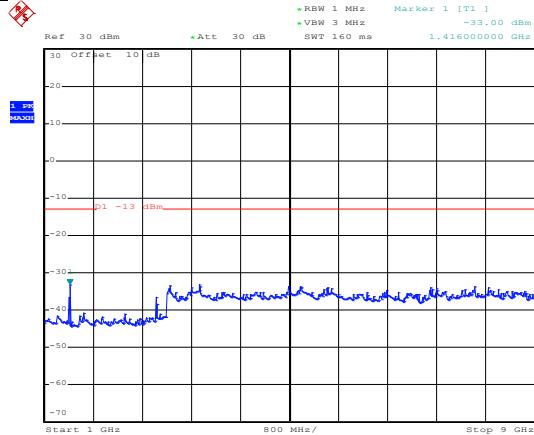
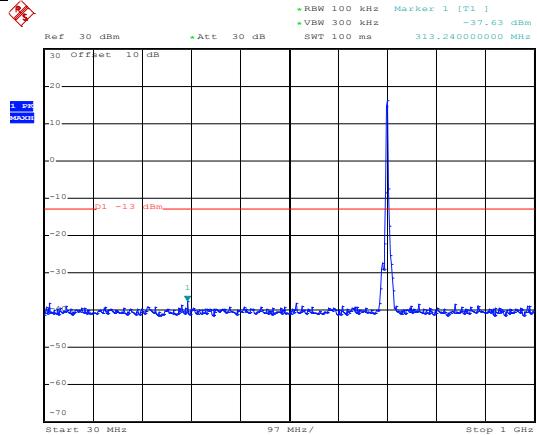
Date: 11.JUL.2017 17:57:28

Date: 11.JUL.2017 18:25:16

30MHz~1GHz

1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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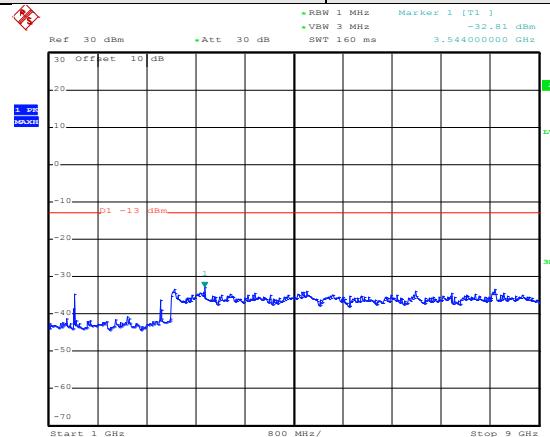
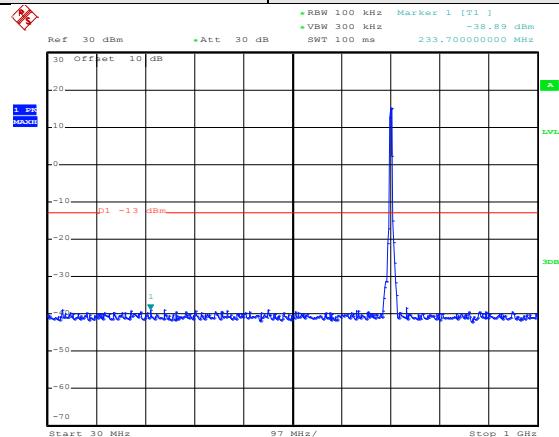
Date: 11.JUL.2017 18:00:31

30MHz~1GHz

Date: 11.JUL.2017 18:26:38

1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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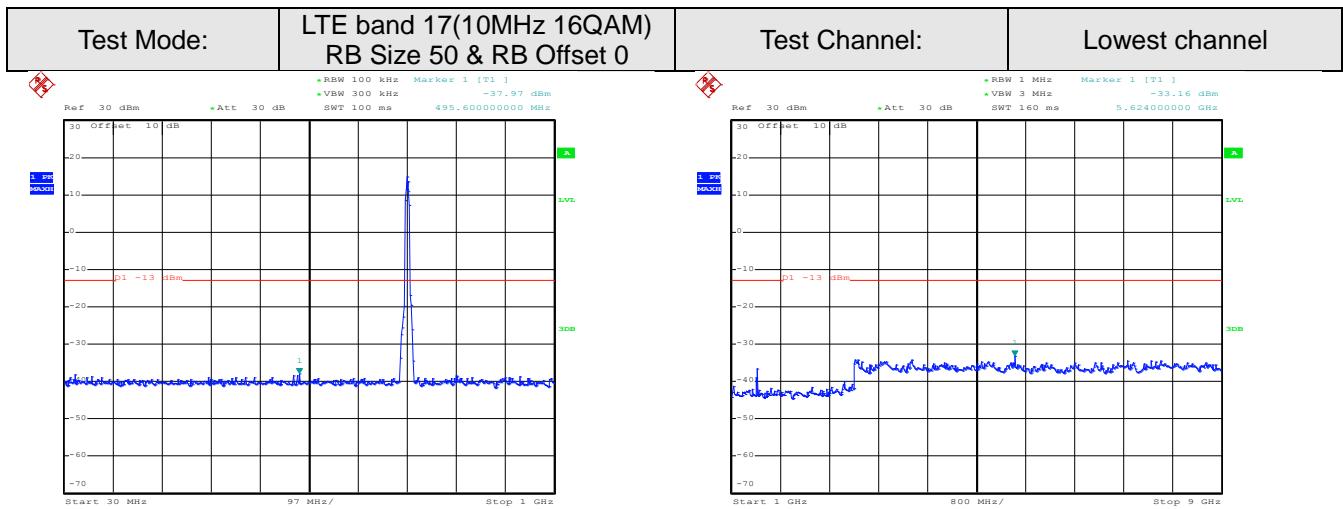


Date: 11.JUL.2017 18:13:00

30MHz~1GHz

Date: 11.JUL.2017 18:28:01

1GHz~9GHz

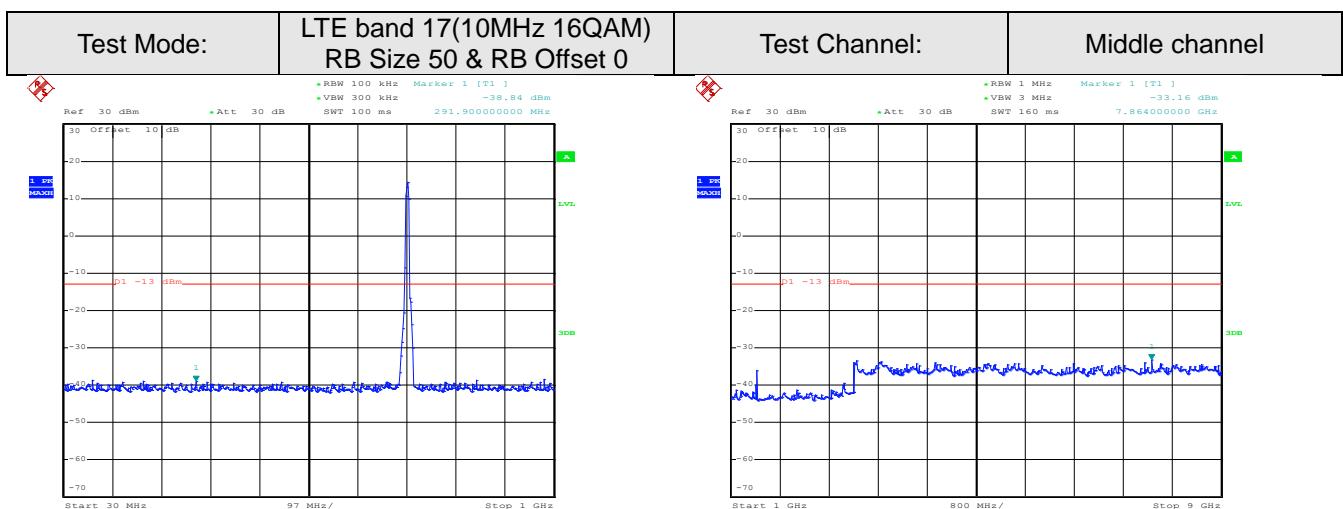


Date: 11.JUL.2017 17:58:31

30MHz~1GHz

Date: 11.JUL.2017 18:25:37

1GHz~9GHz



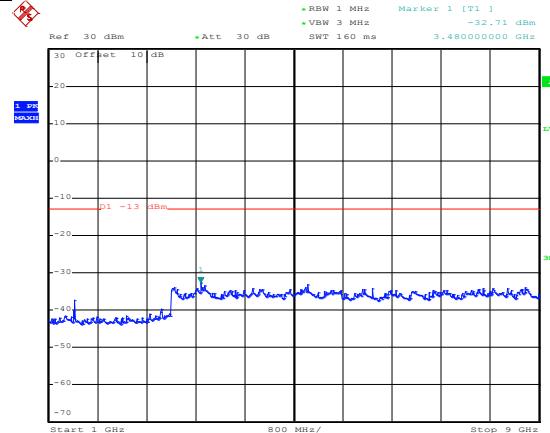
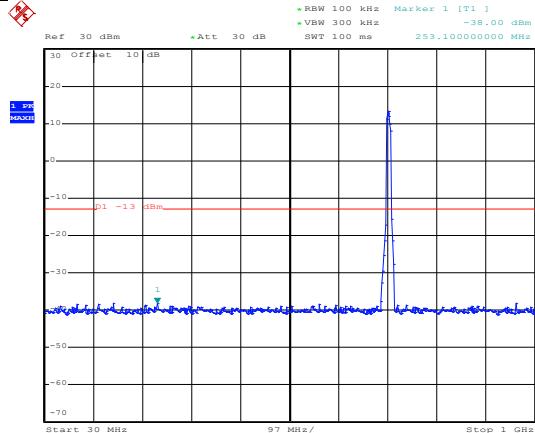
Date: 11.JUL.2017 18:01:11

30MHz~1GHz

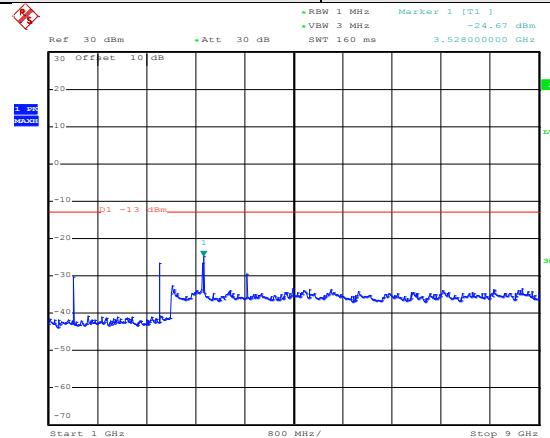
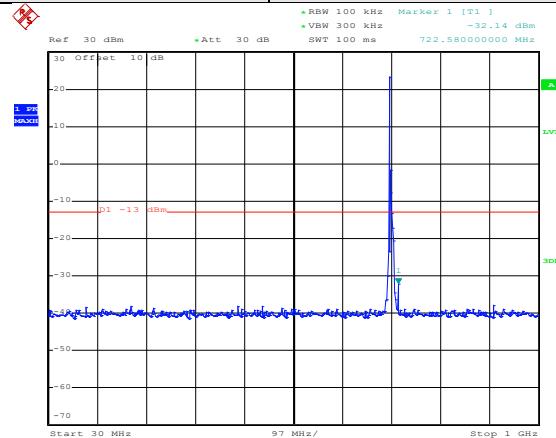
Date: 11.JUL.2017 18:27:04

1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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The figure displays two spectrum analysis plots side-by-side, comparing LTE band 17 (left) and Middle channel (right) performance.

**Left Plot (LTE band 17):**

- Test Mode:** LTE band 17(10MHz QPSK)  
RB Size 1 & RB Offset 0
- Marker 1 (T1):** -37.95 dBm at 208.480000000 MHz
- Legend:**
  - RBW 100 KHz
  - Marker 1 (T1)
  - RBW 300 KHz
  - 37.95 dBm
  - VBW 300 KHz
  - SWT 100 ms
  - 208.480000000 MHz
- Y-axis:** LVL (Level) from -70 to 30 dBm
- X-axis:** 30 MHz to 1 GHz

**Right Plot (Middle channel):**

- Test Channel:** Middle channel
- Marker 1 (T1):** -27.35 dBm at 3.528000000 GHz
- Legend:**
  - RBW 1 MHz
  - Marker 1 (T1)
  - RBW 3 MHz
  - 27.35 dBm
  - VBW 3 MHz
  - SWT 160 ms
  - 3.528000000 GHz
- Y-axis:** LVL (Level) from -70 to 30 dBm
- X-axis:** 1 GHz to 9 GHz

Date: 11.JUL.2017 17:59:16

Date: 11.JUL.2017 18:25:59

30MHz~1GHz

1GHz~9GHz

**Test Mode:** LTE band 17(10MHz QPSK)  
**RB Size 1 & RB Offset 0**

**Test Channel:**

**Highest channel**

Legend for both plots:

- RBW 100 kHz
- Marker 1 [T1]
- Att 30 dB
- VBW 300 kHz
- SWT 100 ms
- RBW 1 MHz
- Marker 1 [T1]
- Att 30 dB
- VBW 3 MHz
- SWT 160 ms

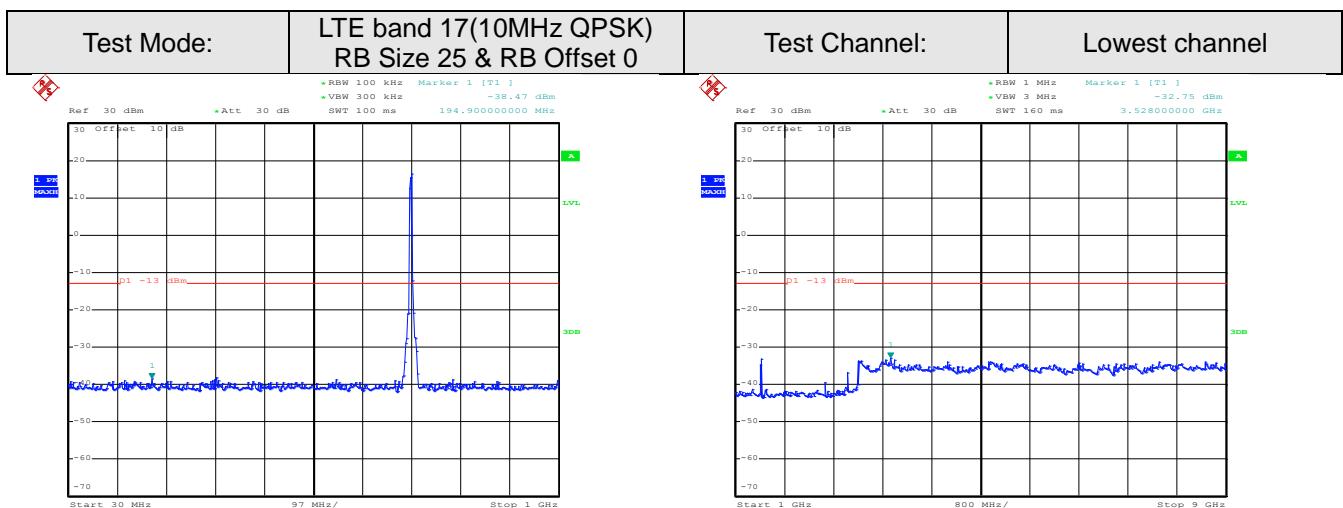
Detailed description: The figure consists of two vertically aligned spectrum analysis plots. The left plot is titled 'LTE band 17(10MHz QPSK)' and 'RB Size 1 & RB Offset 0'. It has a y-axis from -70 to 30 dBm and an x-axis from 30 MHz to 1 GHz. A red horizontal reference line is at -13 dBm. A blue signal line shows a sharp peak at -37.78 dBm. The right plot is titled 'Highest channel' and has a y-axis from -70 to 30 dBm and an x-axis from 1 GHz to 9 GHz. It also features a red reference line at -13 dBm and a blue signal line with a prominent peak at -37.00 dBm. Both plots include markers for 1 MHz RBW and 300 kHz VBW.

Date: 11.JUL.2017 18:11:02

Date: 11.JUL.2017 18:27:26

30MHz~1GHz

1GHz~9GHz

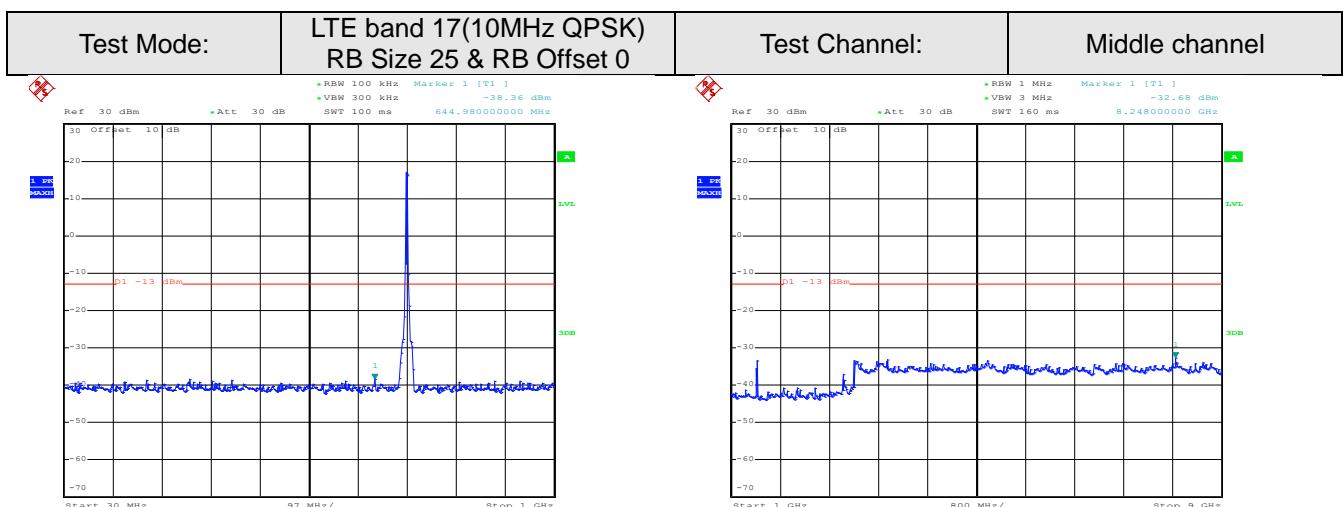


Date: 11.JUL.2017 17:57:01

30MHz~1GHz

Date: 11.JUL.2017 18:25:07

1GHz~9GHz

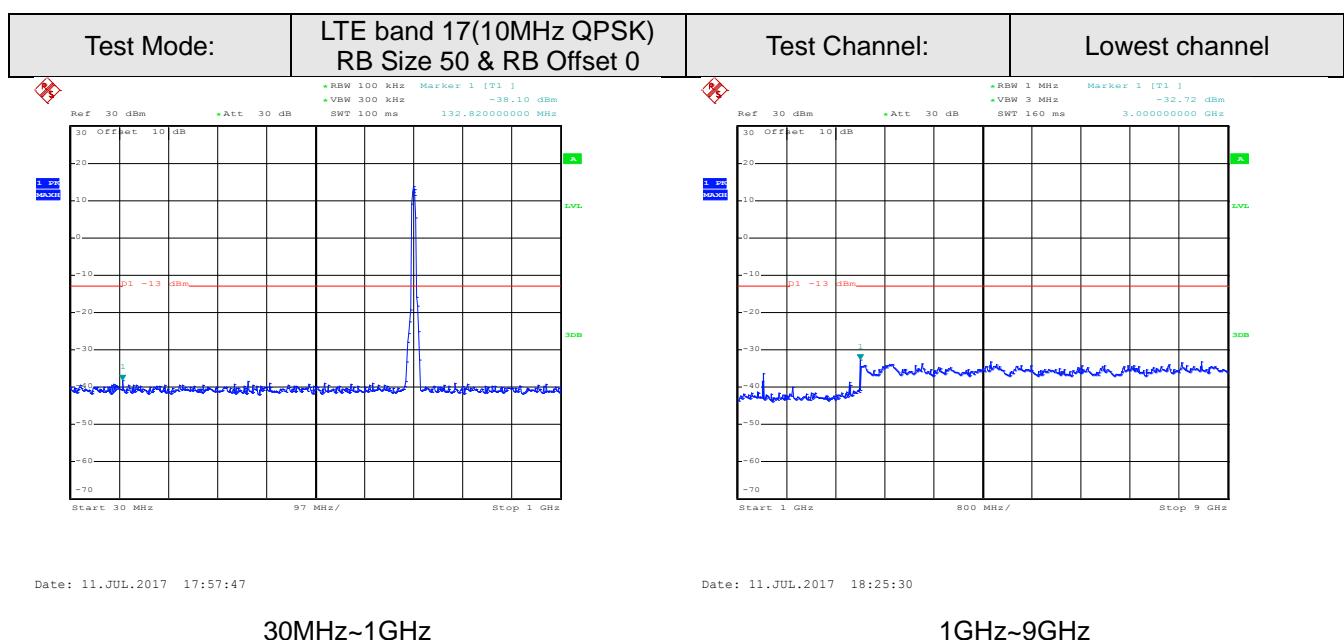
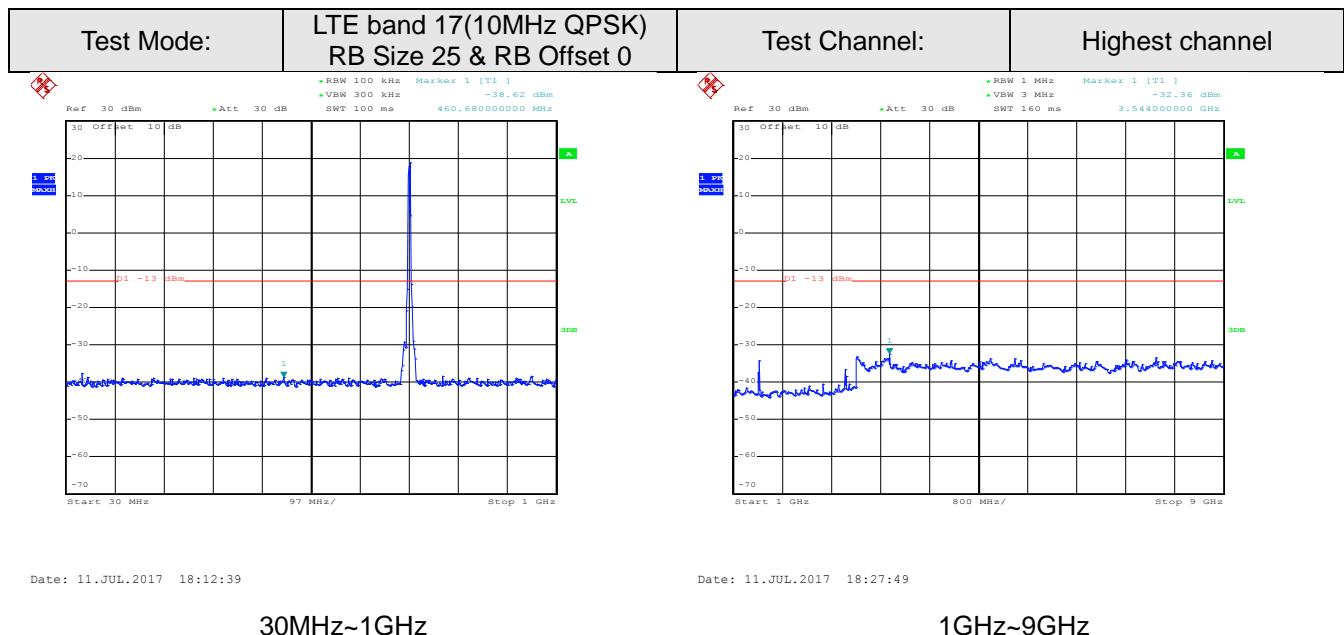


Date: 11.JUL.2017 17:59:57

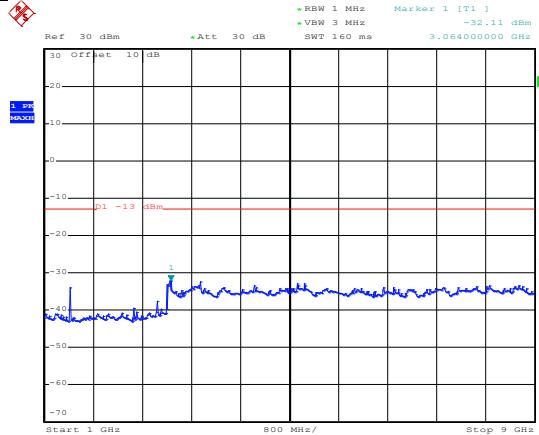
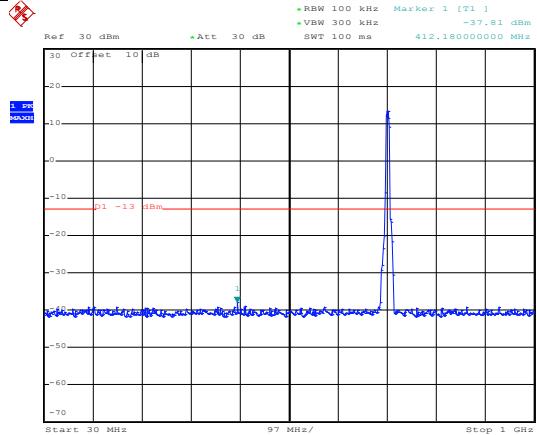
30MHz~1GHz

Date: 11.JUL.2017 18:26:29

1GHz~9GHz



Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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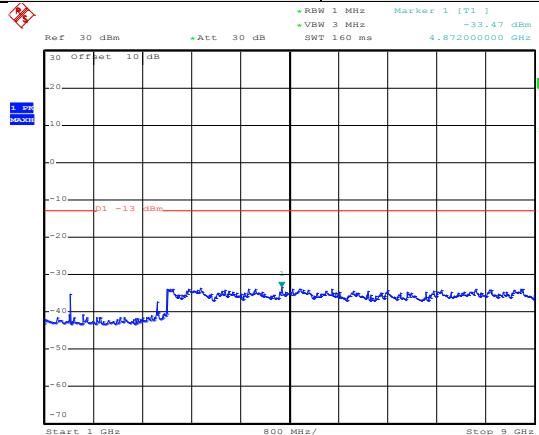
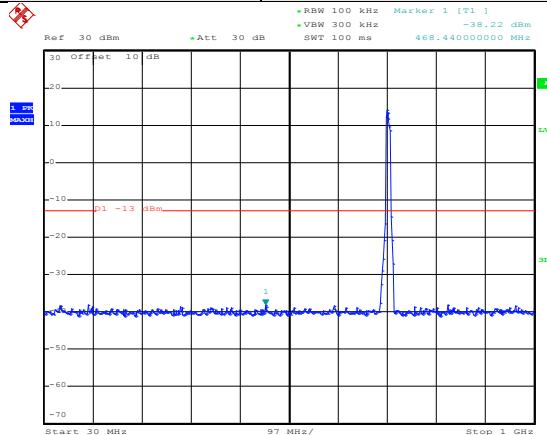
Date: 11.JUL.2017 18:00:50

30MHz~1GHz

Date: 11.JUL.2017 18:22:18

1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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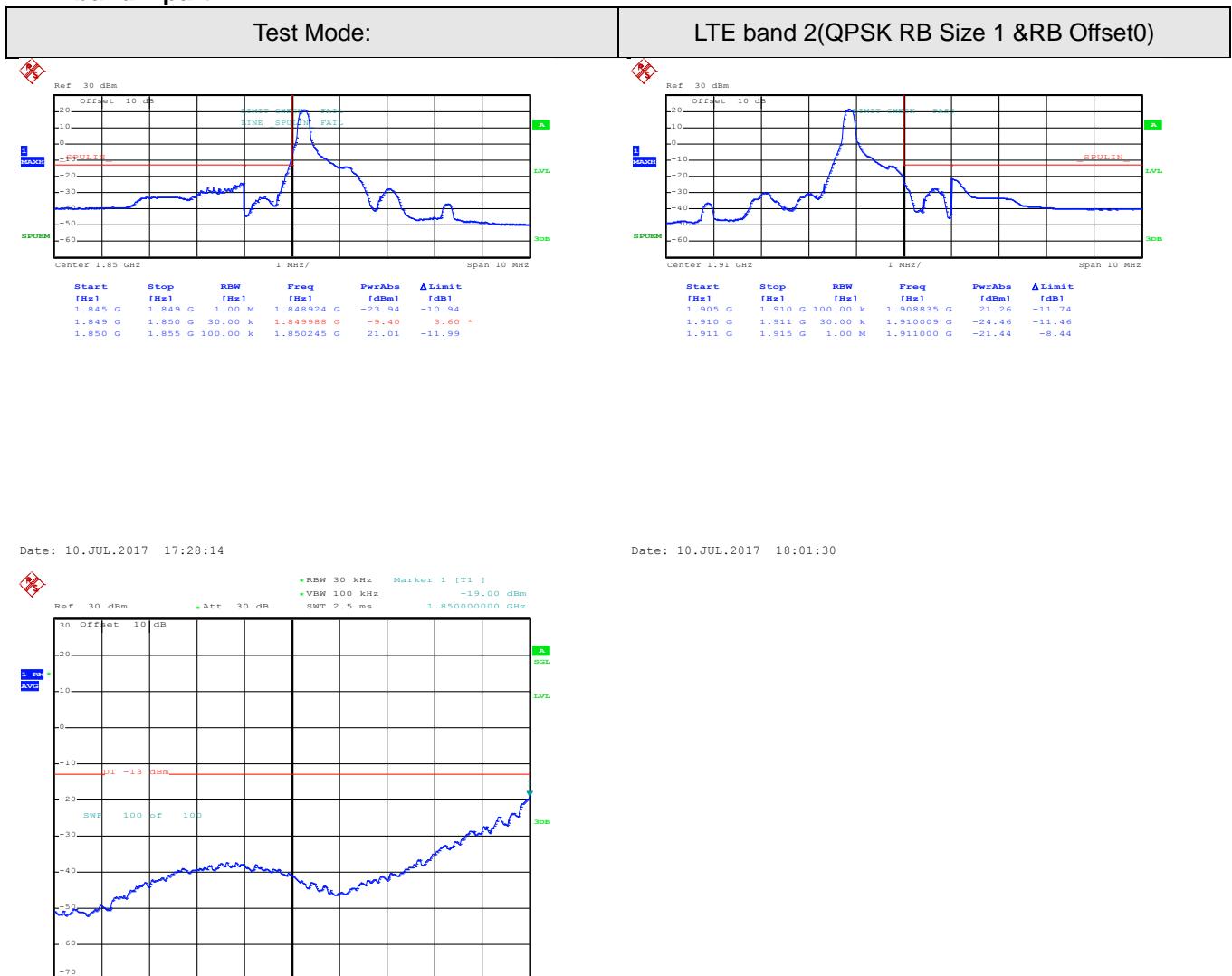
Date: 11.JUL.2017 18:13:50

30MHz~1GHz

Date: 11.JUL.2017 18:28:18

1GHz~9GHz

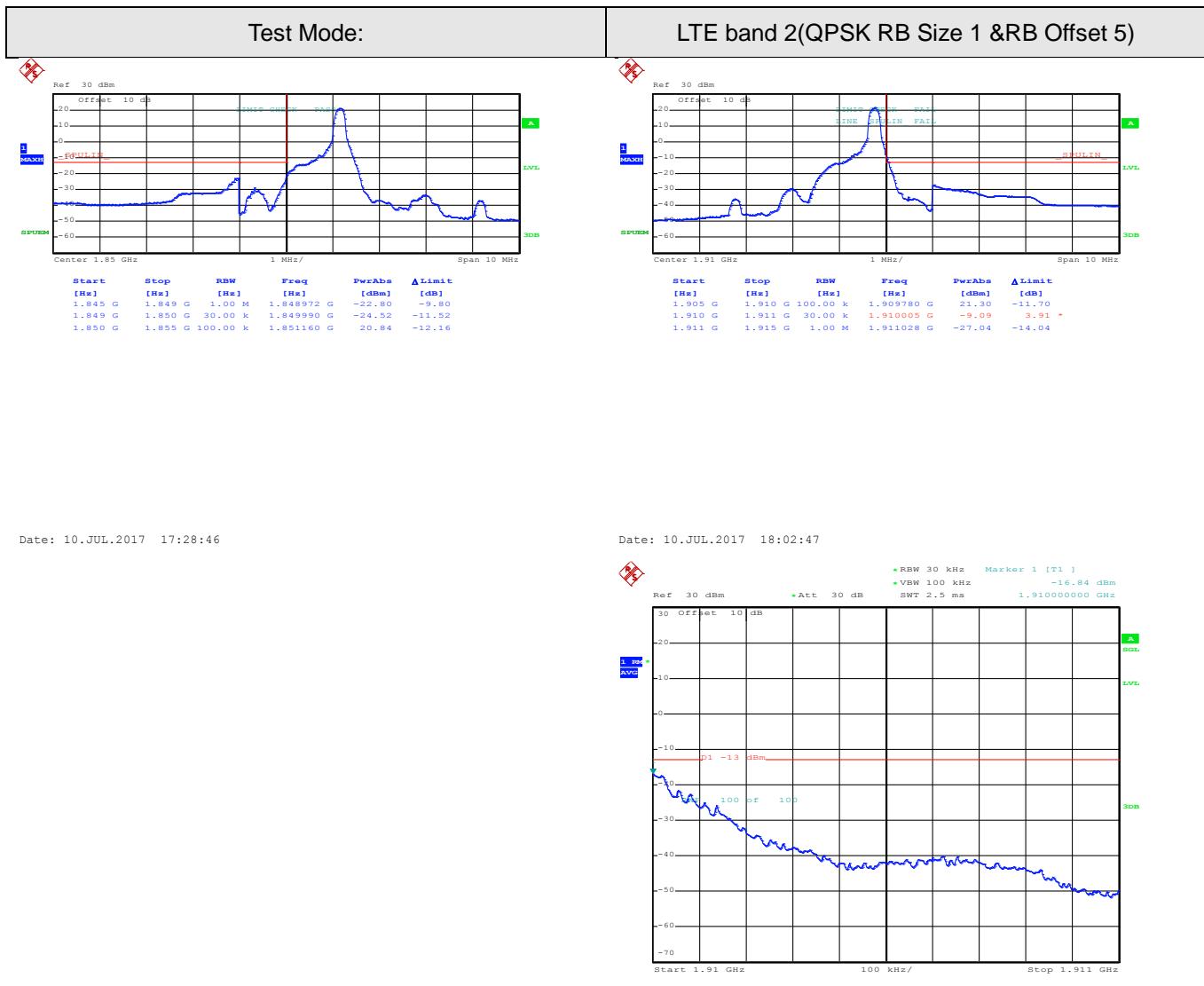
**Band edge emission:  
LTE band 2 part:1.4MHz:**



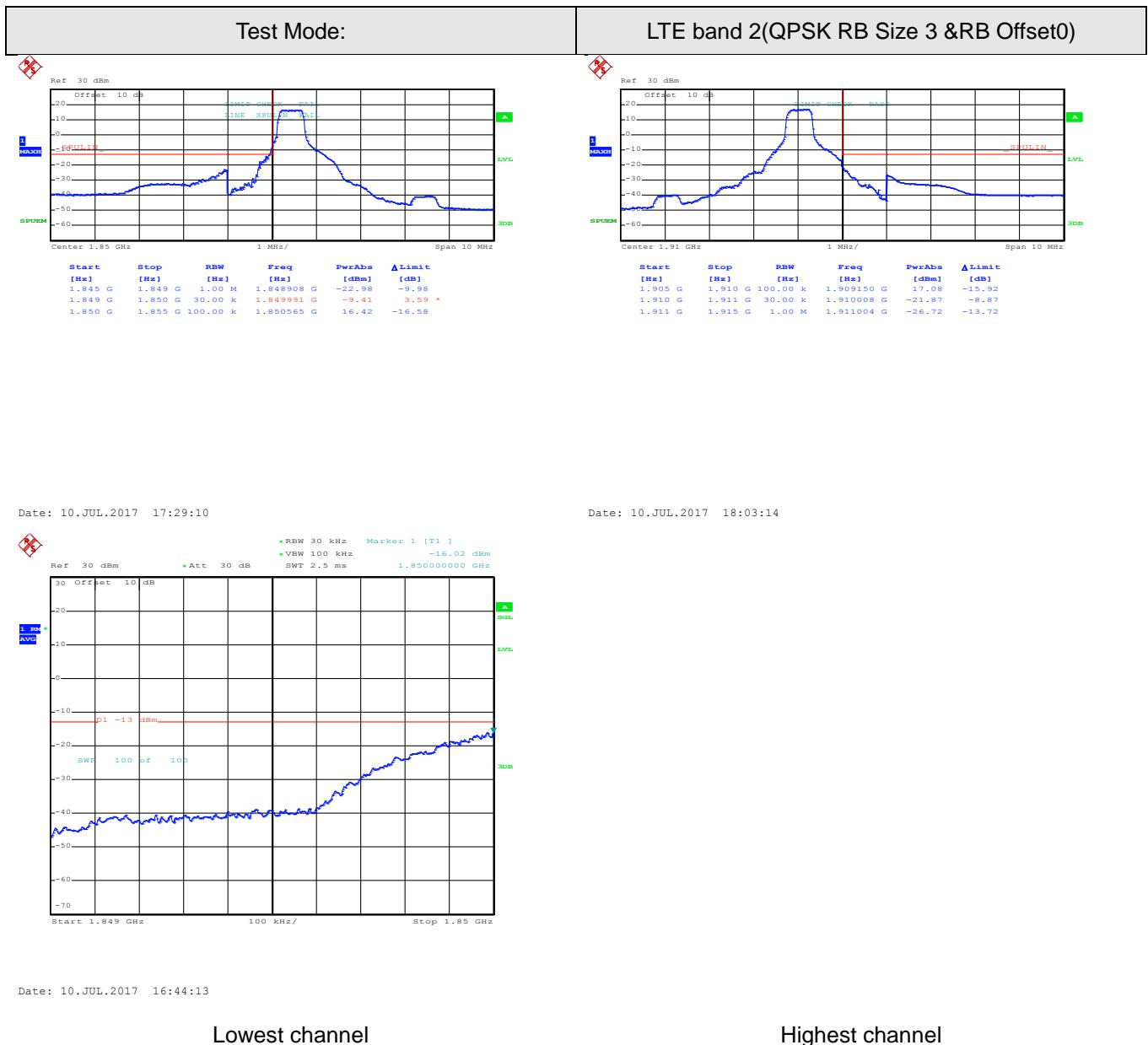
Lowest channel

Highest channel

Note: Here RMS detector was used to confirm the final result.

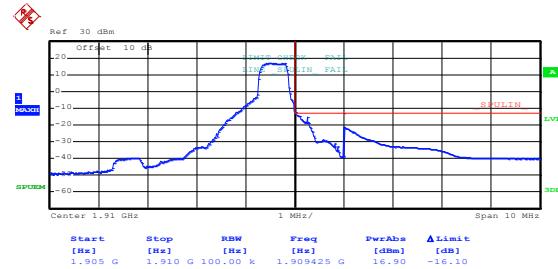
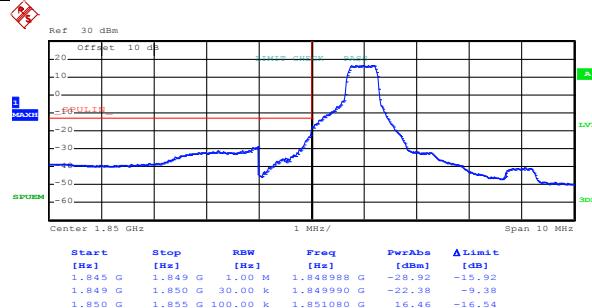


Note: Here RMS detector was used to confirm the final result.



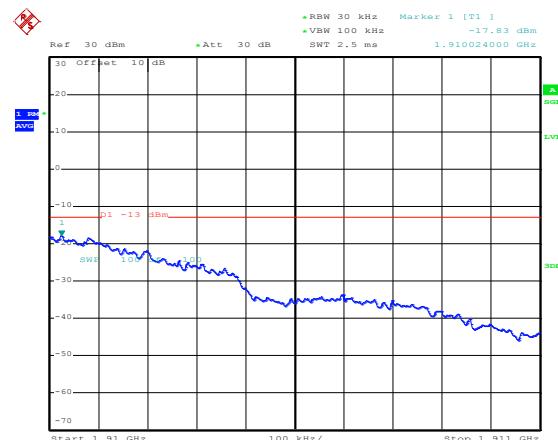
Note: Here RMS detector was used to confirm the final result.

Test Mode:	LTE band 2(QPSK RB Size 3 &RB Offset 2)
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Date: 10.JUL.2017 17:29:24

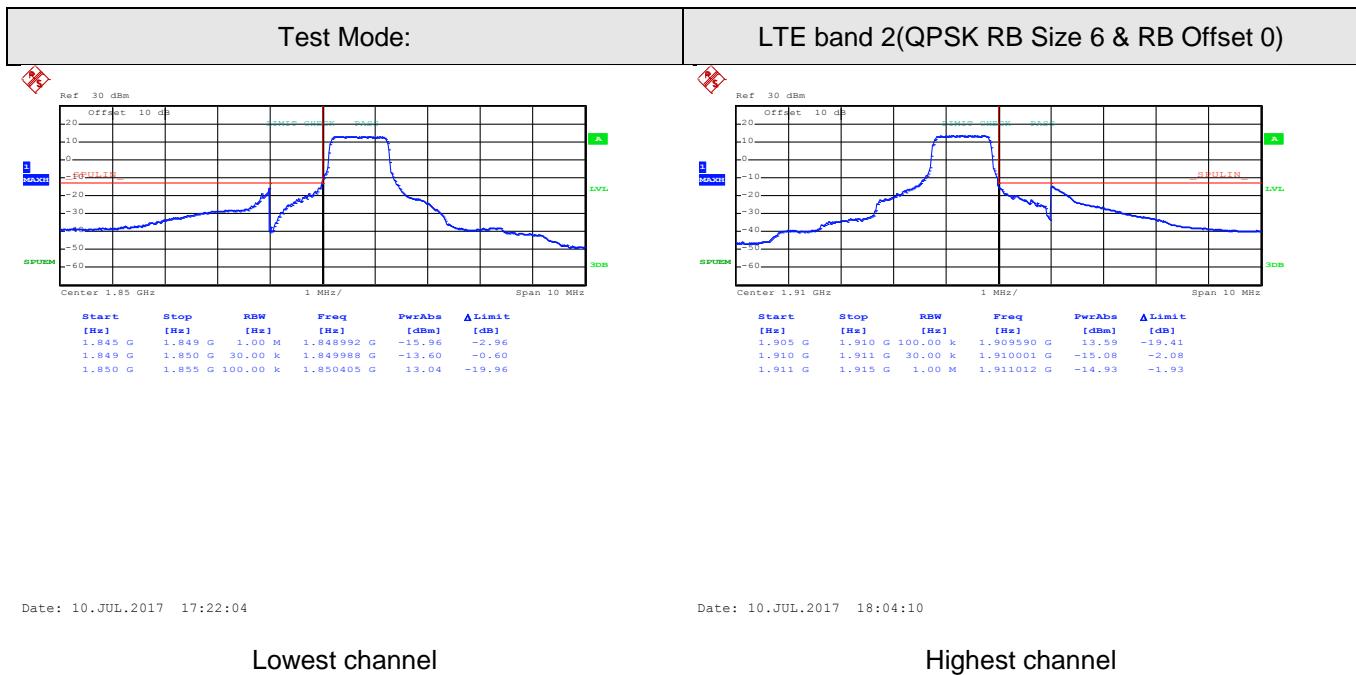
Date: 10.JUL.2017 18:03:35

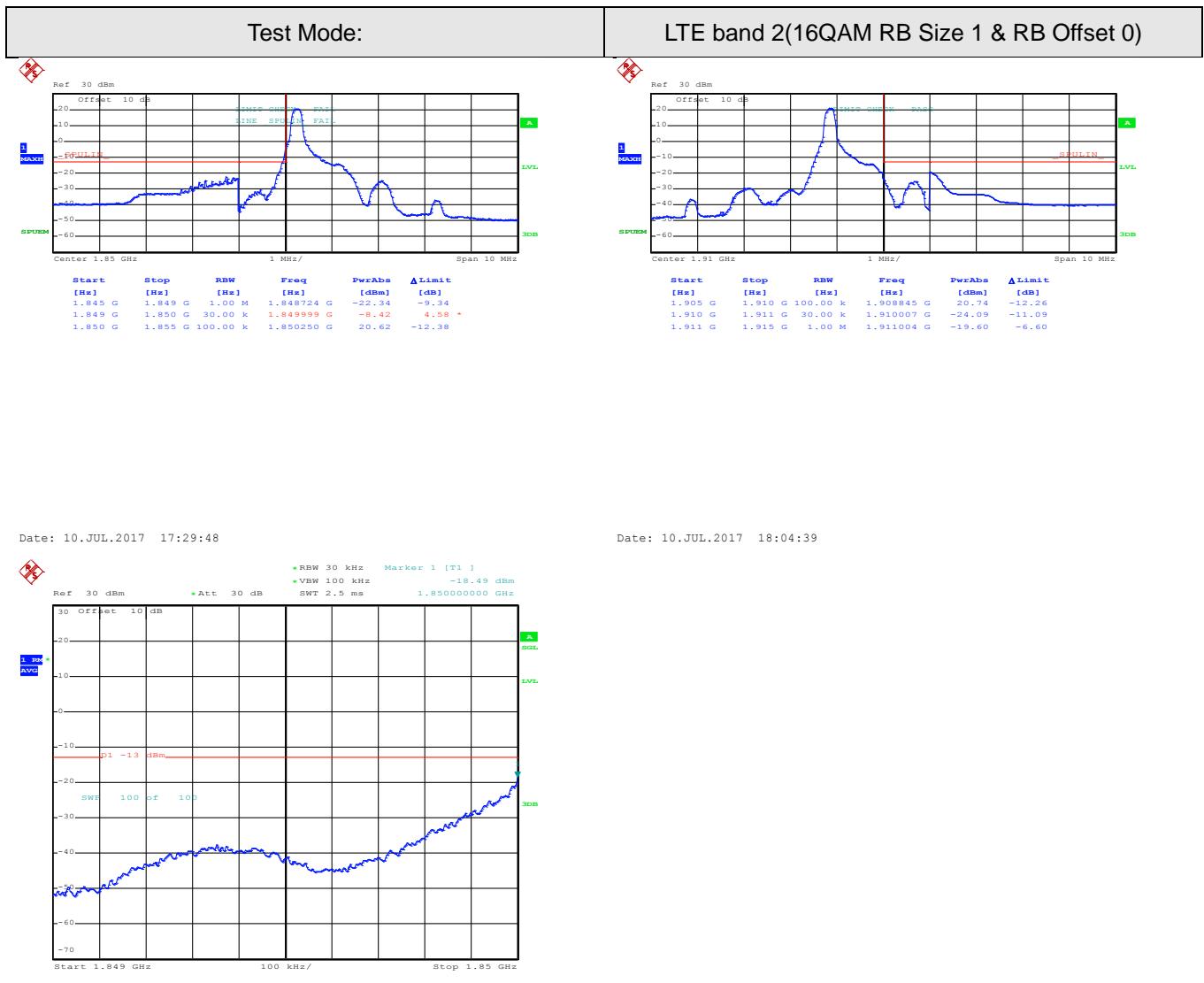


Lowest channel

Highest channel

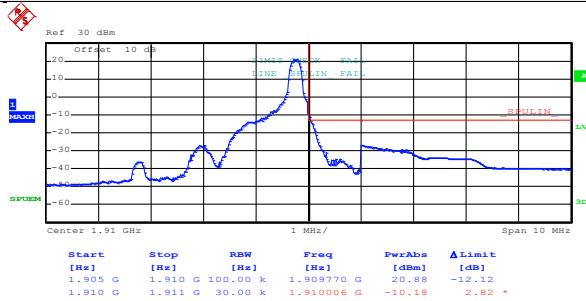
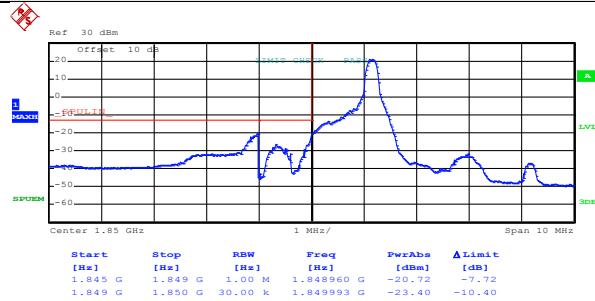
Note: Here RMS detector was used to confirm the final result.





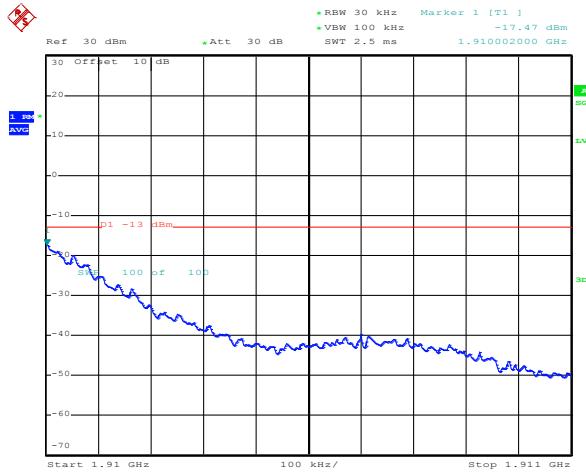
Note: Here RMS detector was used to confirm the final result.

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 5)
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Date: 10.JUL.2017 17:30:06

Date: 10.JUL.2017 18:05:10

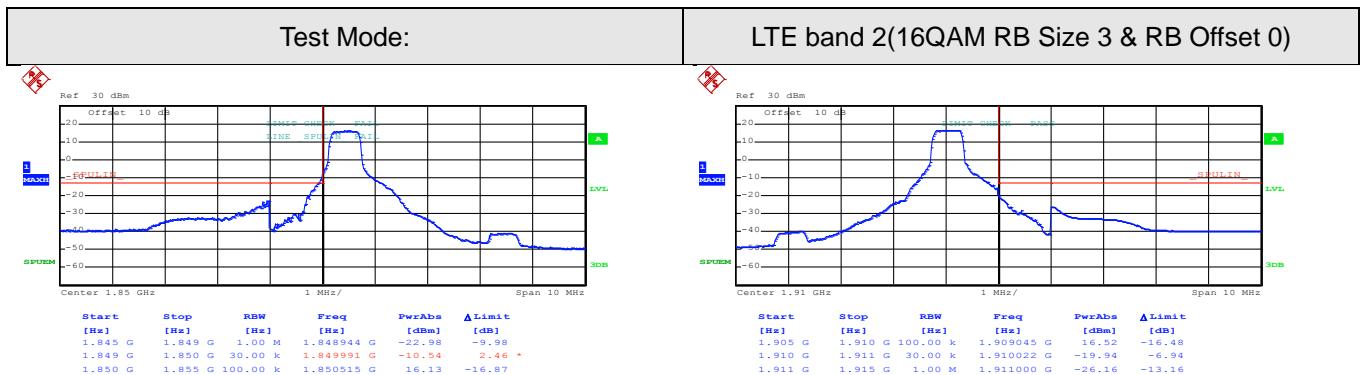


Date: 10.JUL.2017 18:09:51

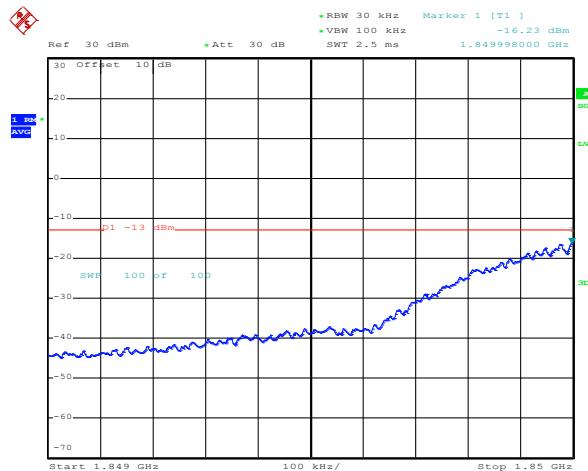
Lowest channel

Highest channel

Note: Here RMS detector was used to confirm the final result.



Date: 10.JUL.2017 17:31:43

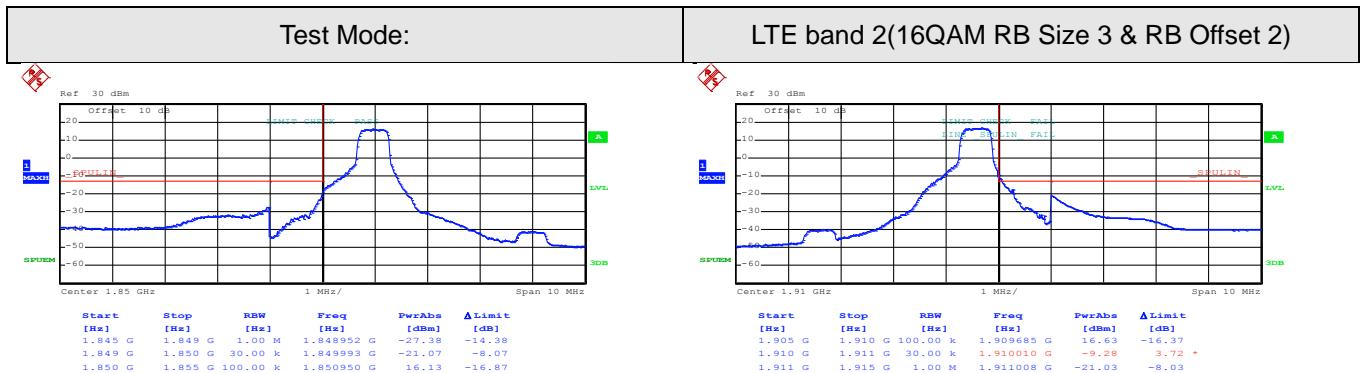


Date: 10.JUL.2017 16:43:45

Lowest channel

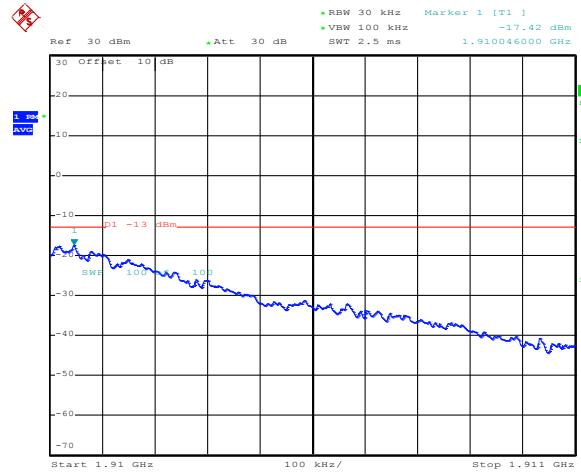
Highest channel

Note: Here RMS detector was used to confirm the final result.



Date: 10.JUL.2017 17:32:05

Date: 10.JUL.2017 18:06:07

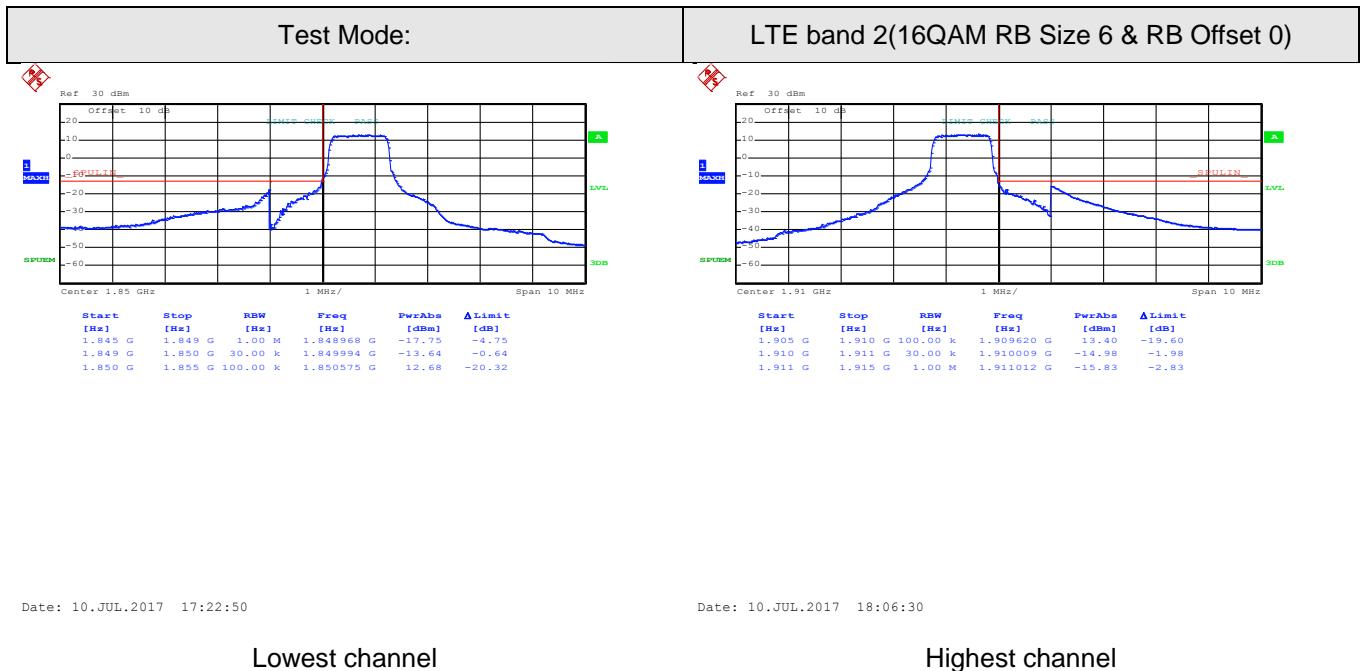


Date: 10.JUL.2017 18:10:18

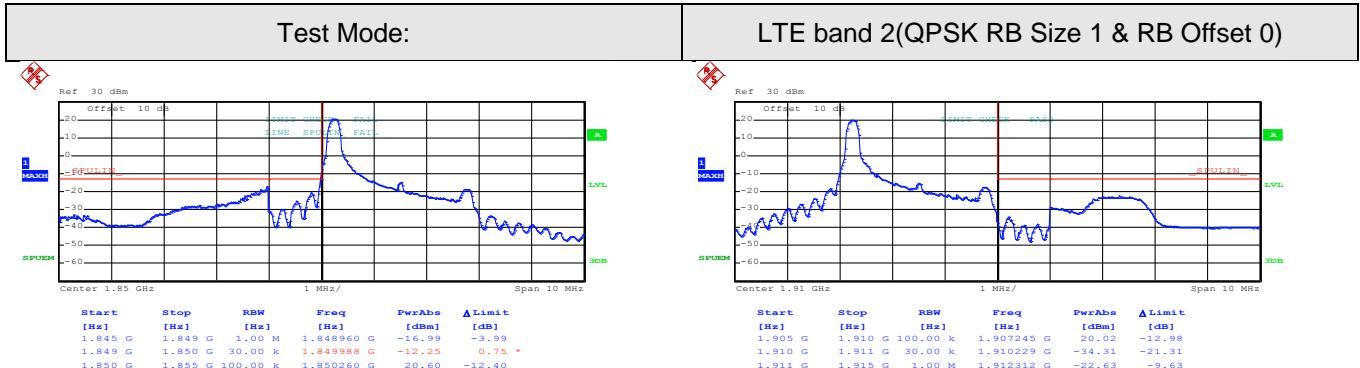
Lowest channel

Highest channel

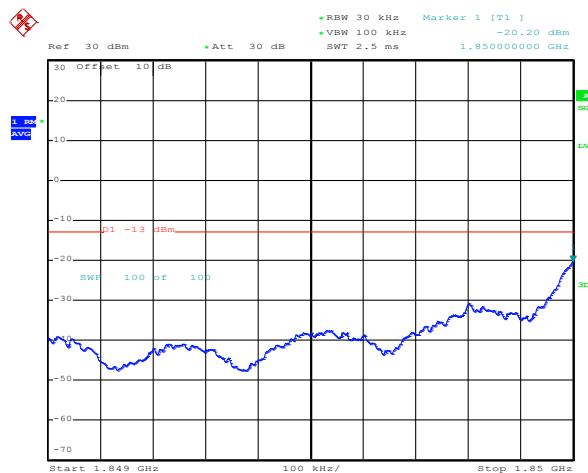
Note: Here RMS detector was used to confirm the final result.



3MHz:



Date: 10.JUL.2017 18:24:38

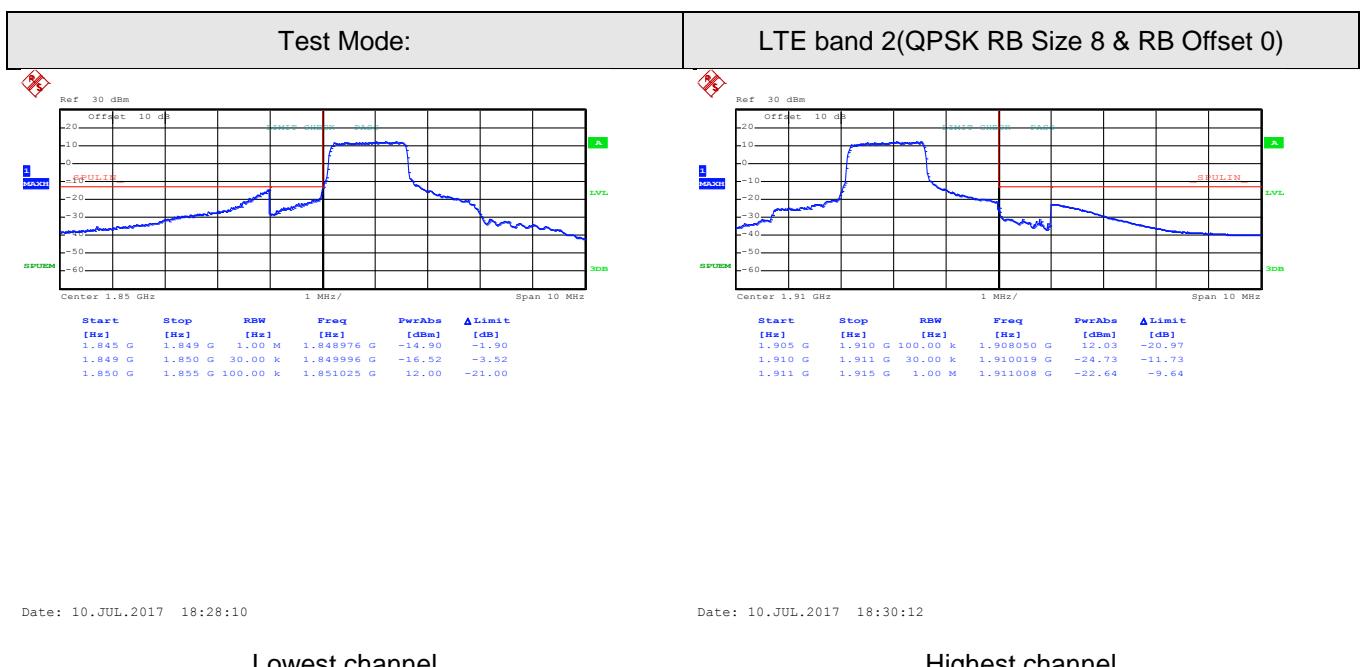
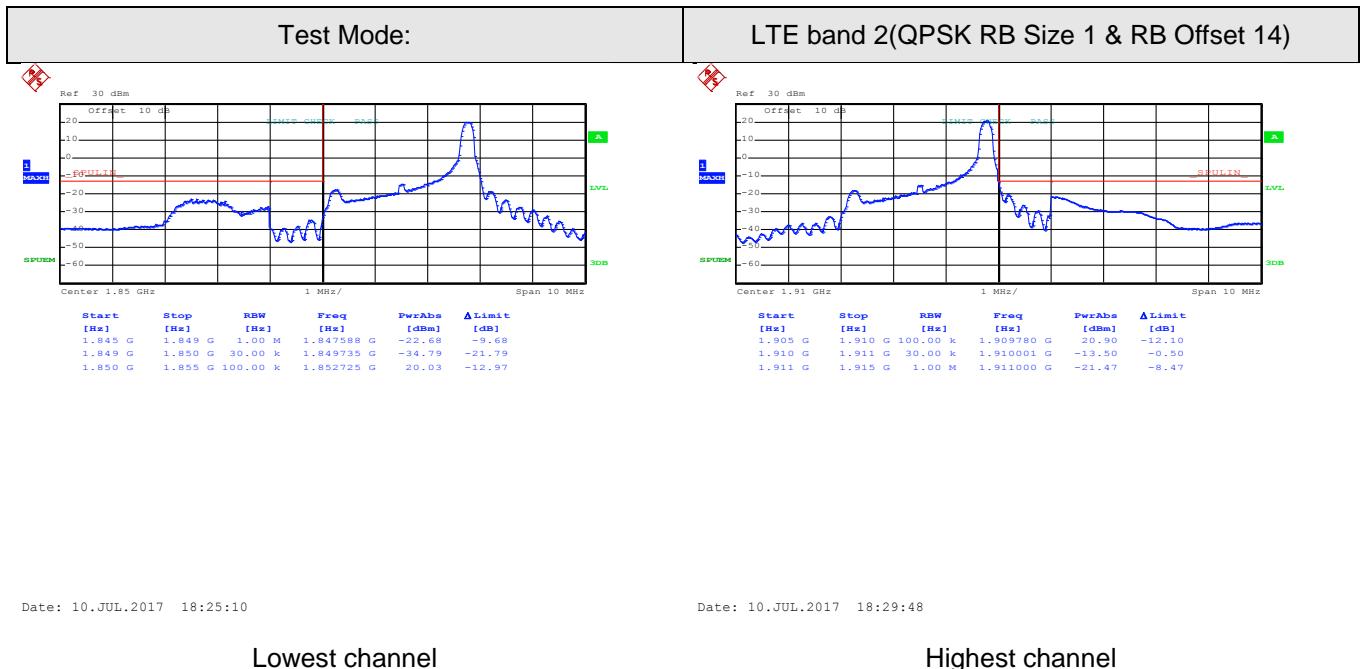


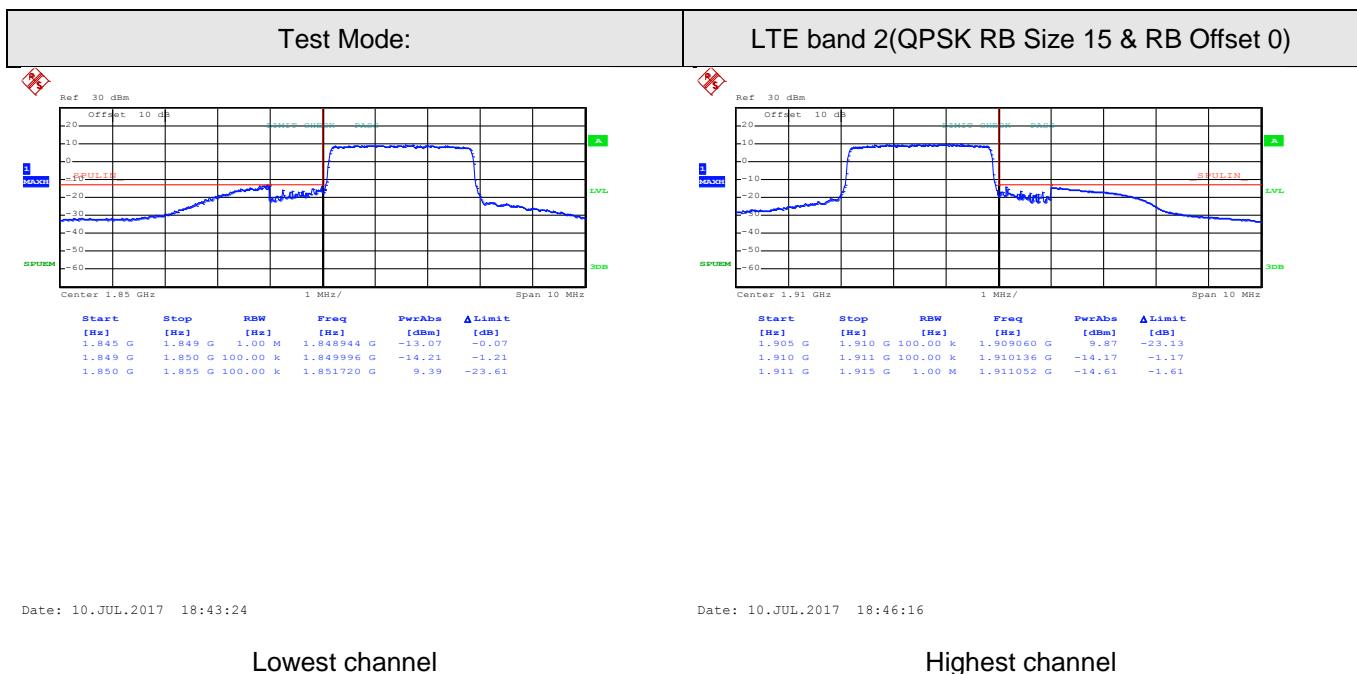
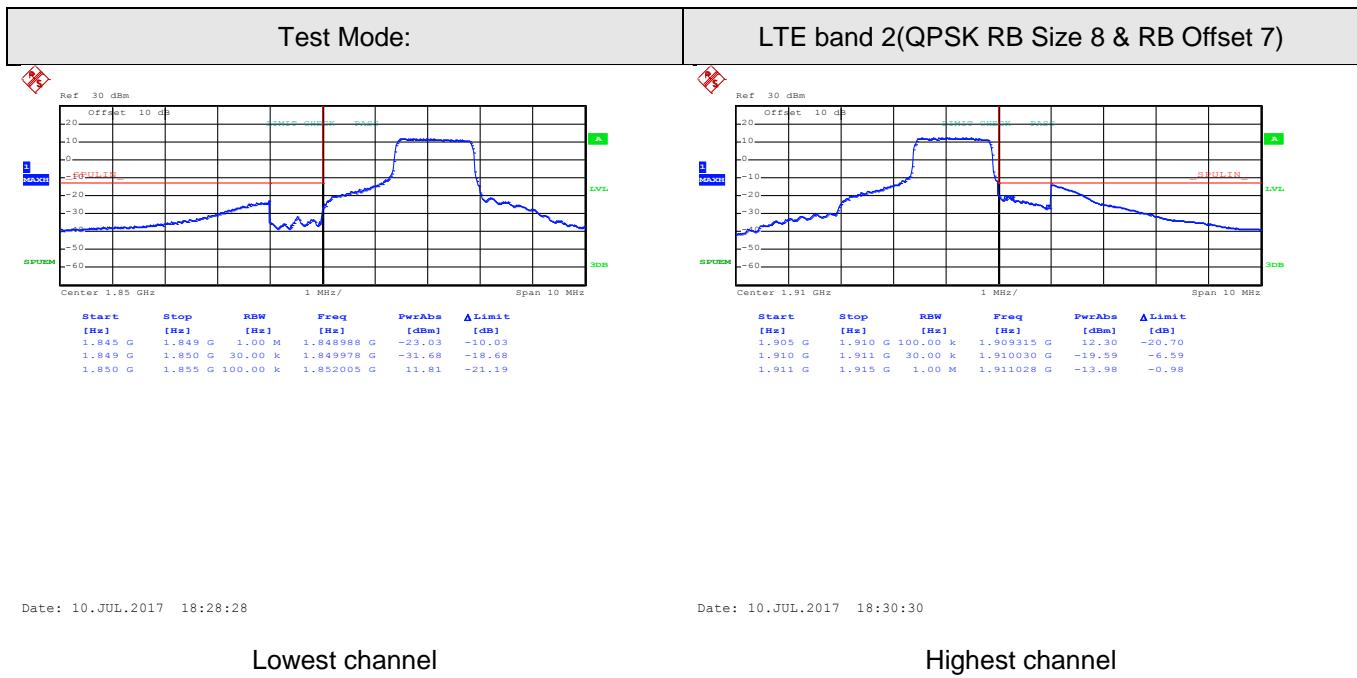
Date: 10.JUL.2017 18:36:48

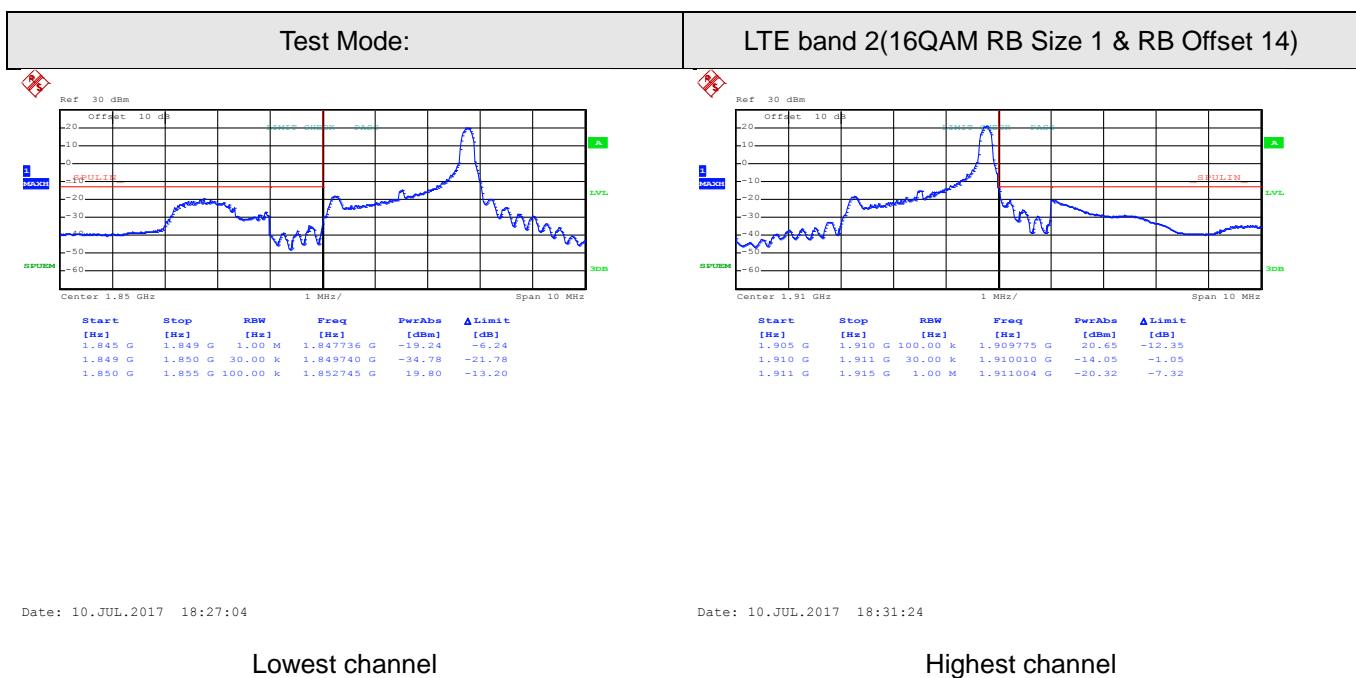
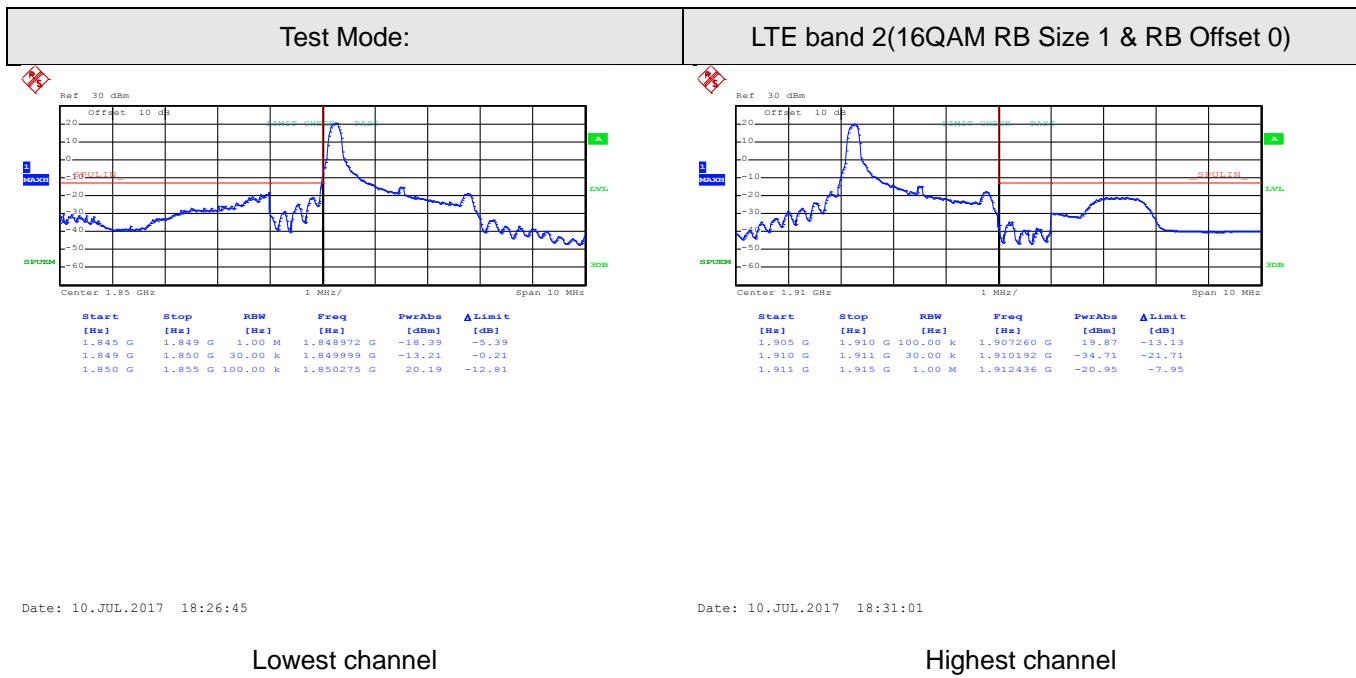
Lowest channel

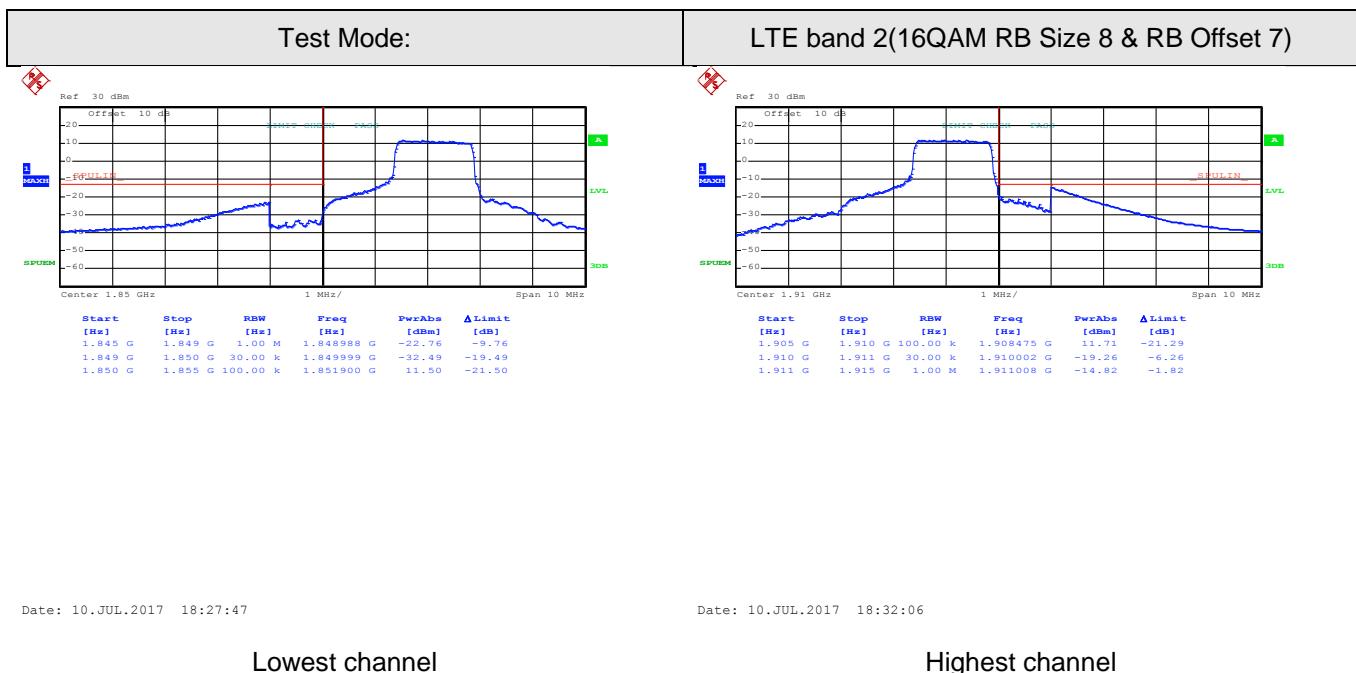
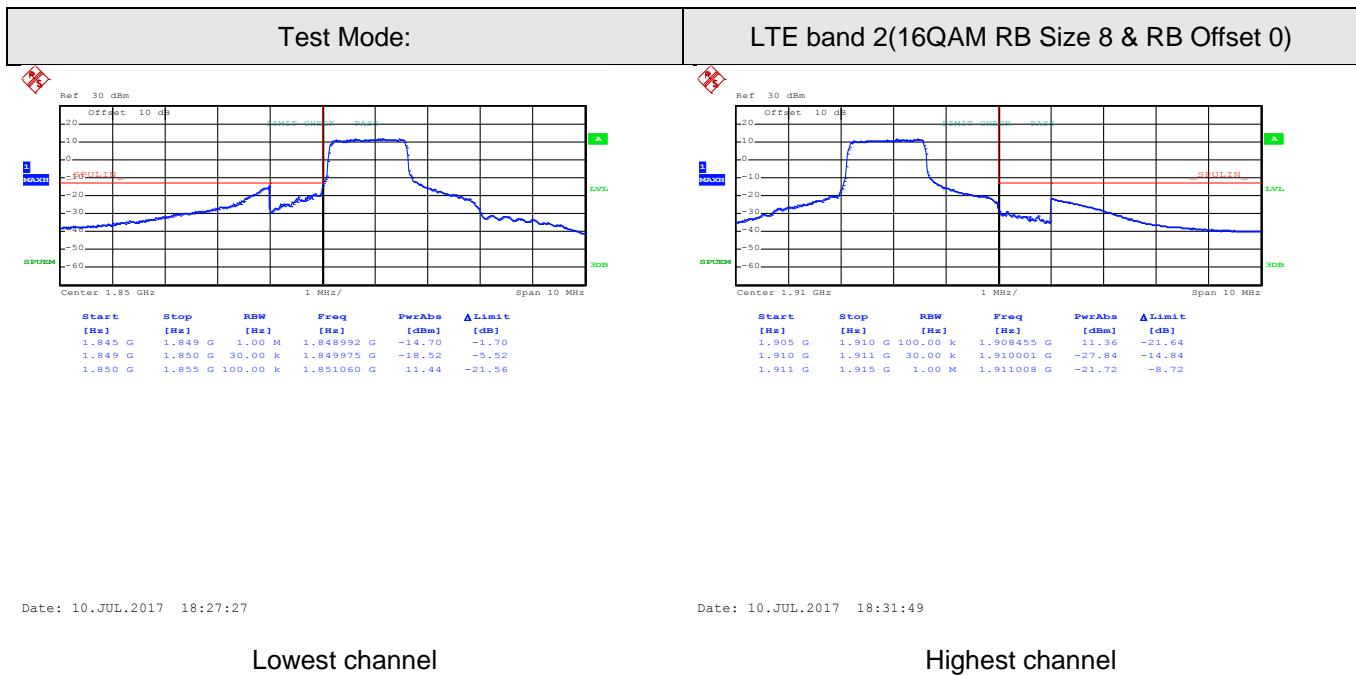
Highest channel

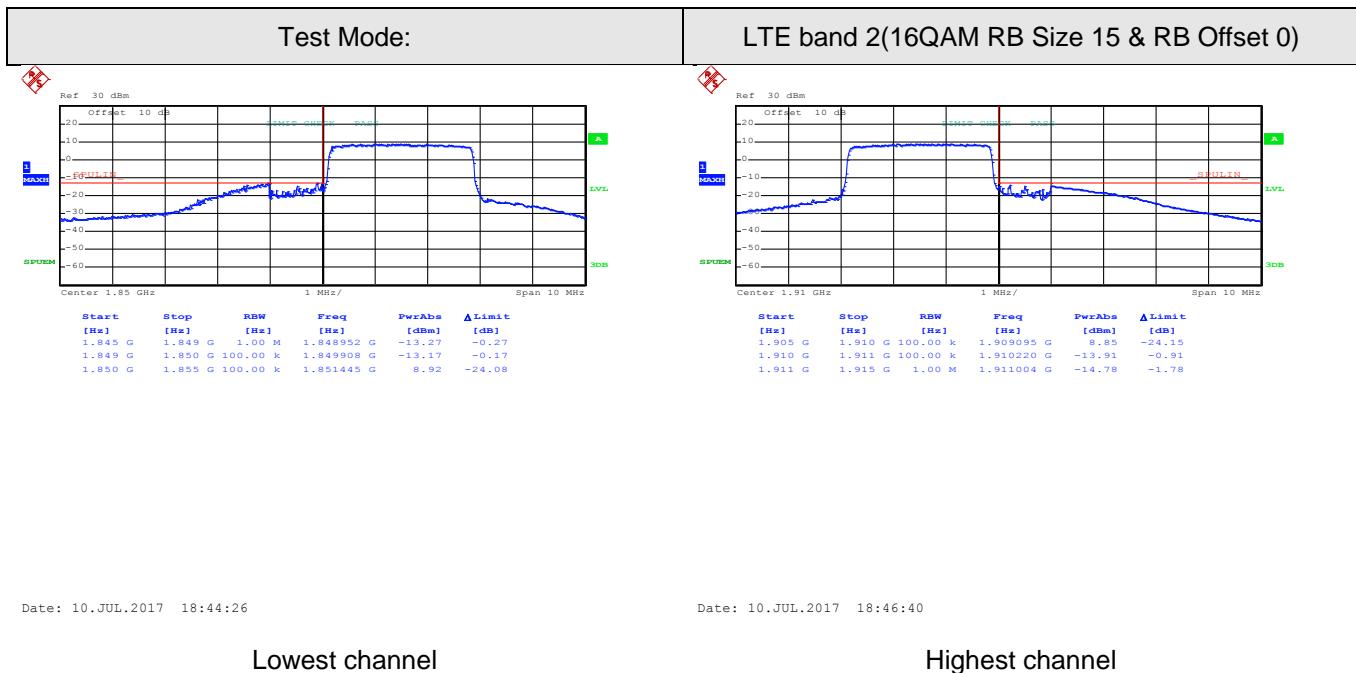
Note: Here RMS detector was used to confirm the final result.



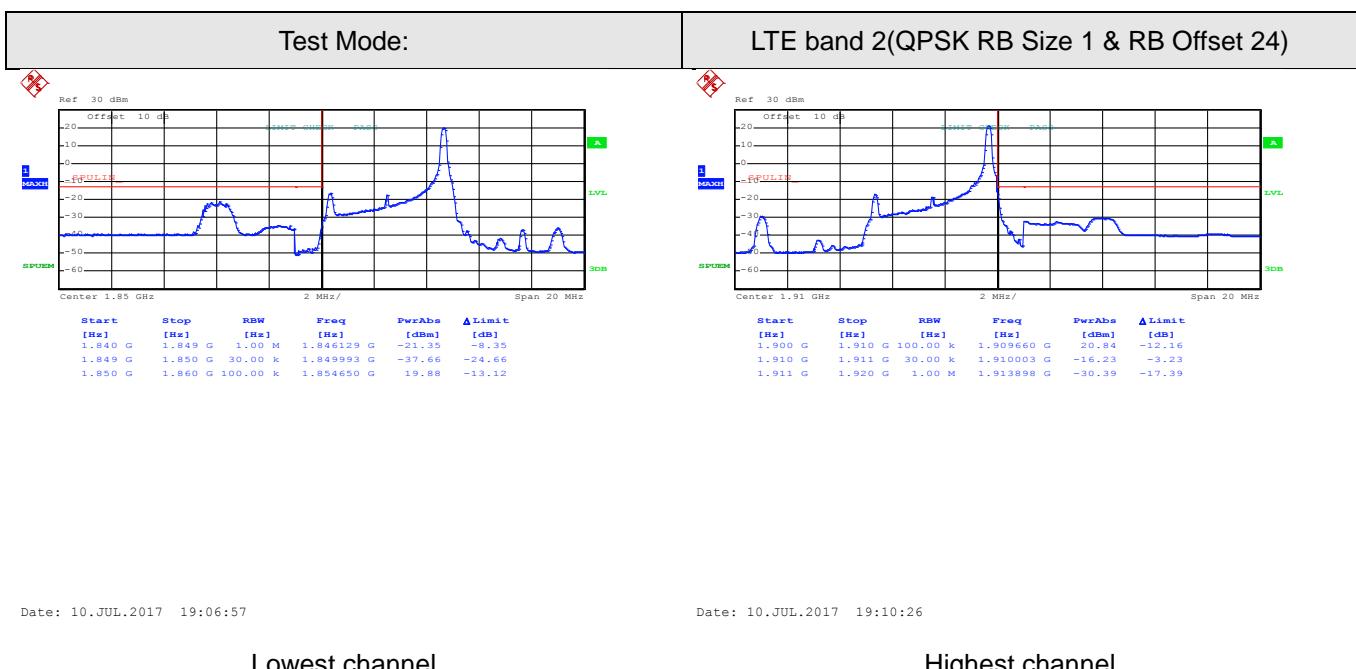
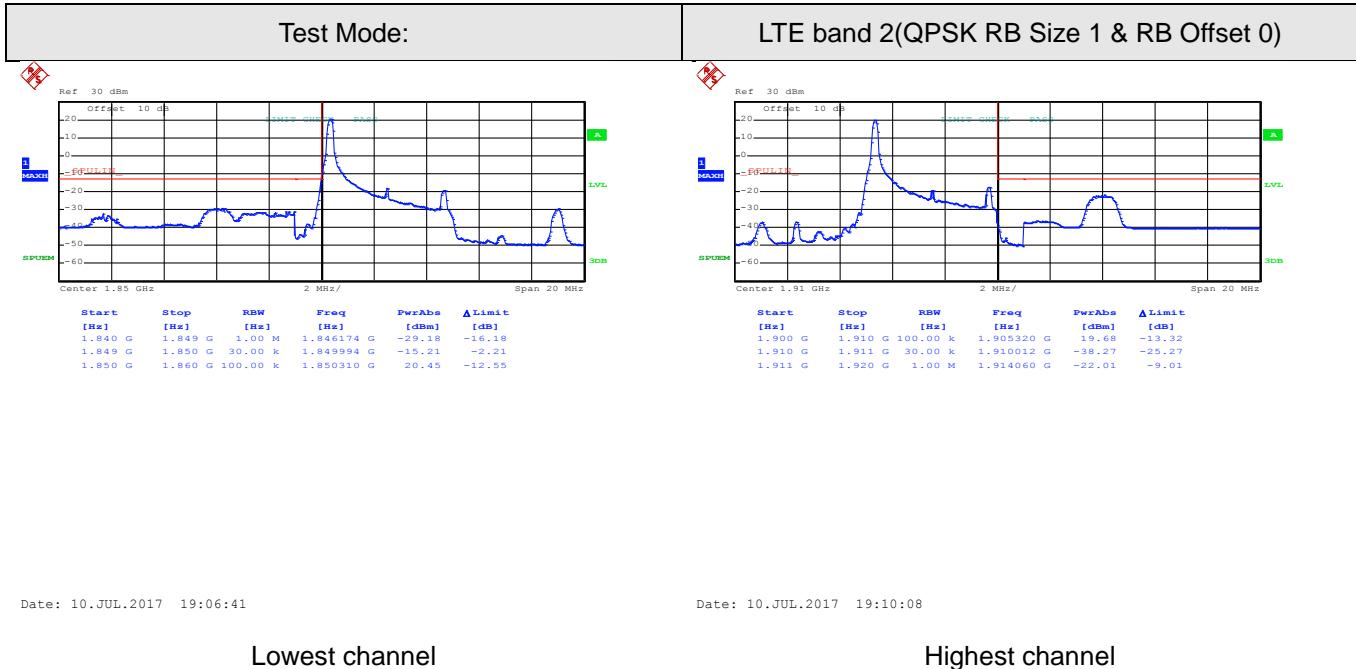




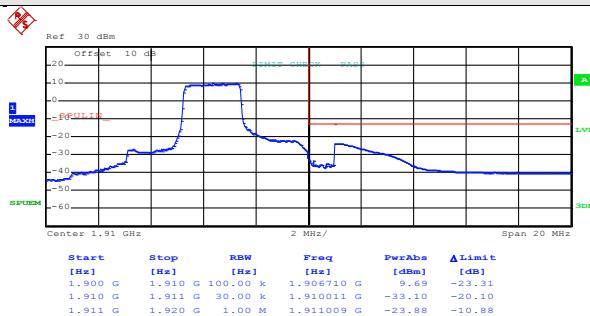
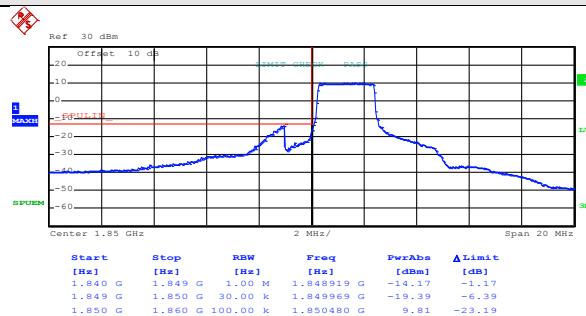




5MHz:



Test Mode:	LTE band 2(QPSK RB Size 12 & RB Offset 0)
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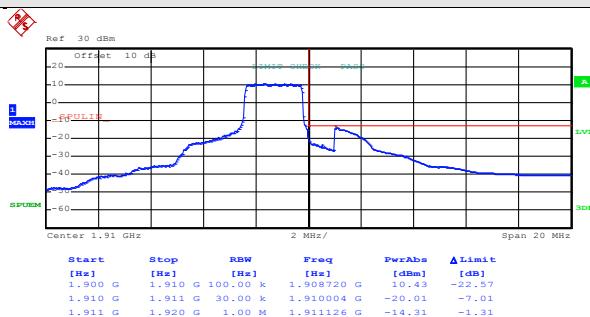
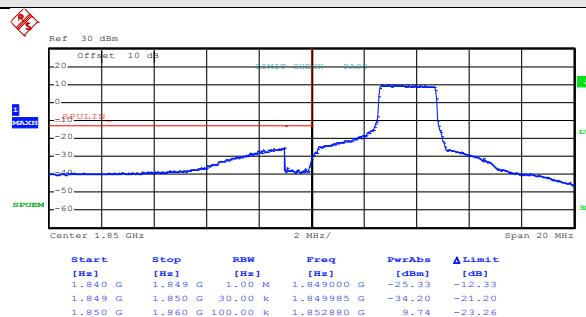
Date: 10.JUL.2017 19:07:23

Lowest channel

Date: 10.JUL.2017 19:10:47

Highest channel

Test Mode:	LTE band 2(QPSK RB Size 12 & RB Offset 11)
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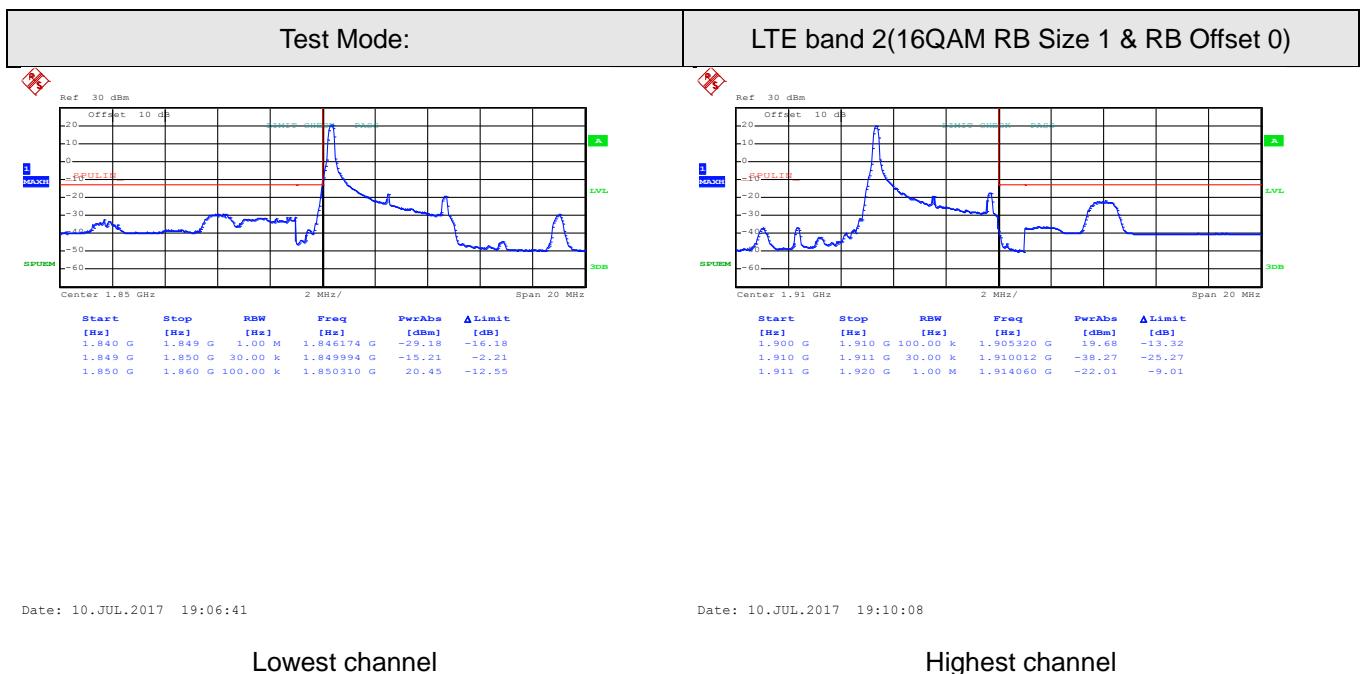
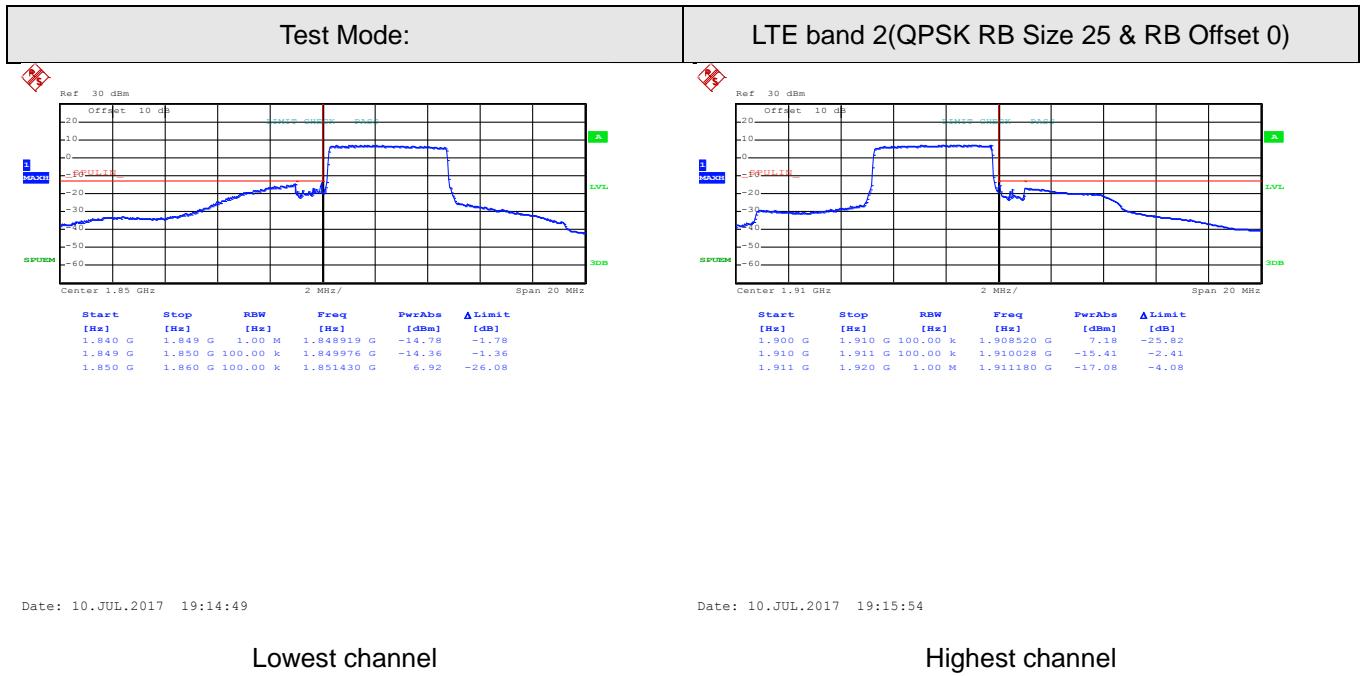


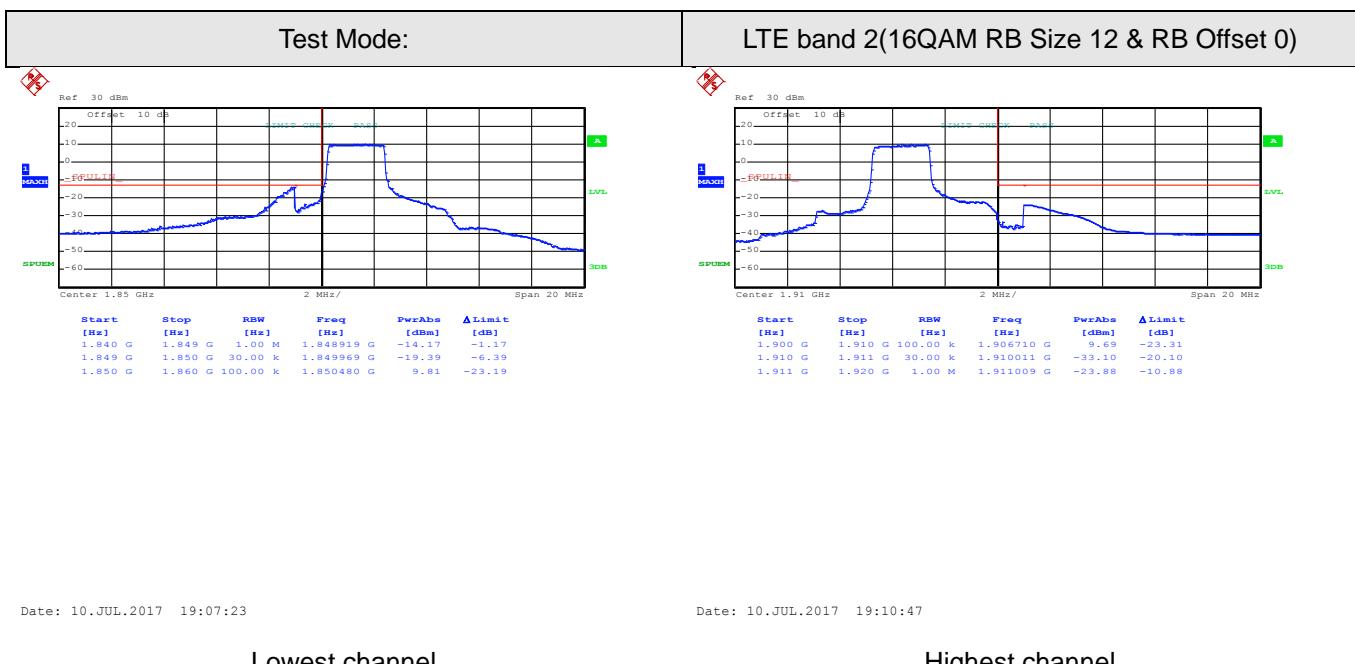
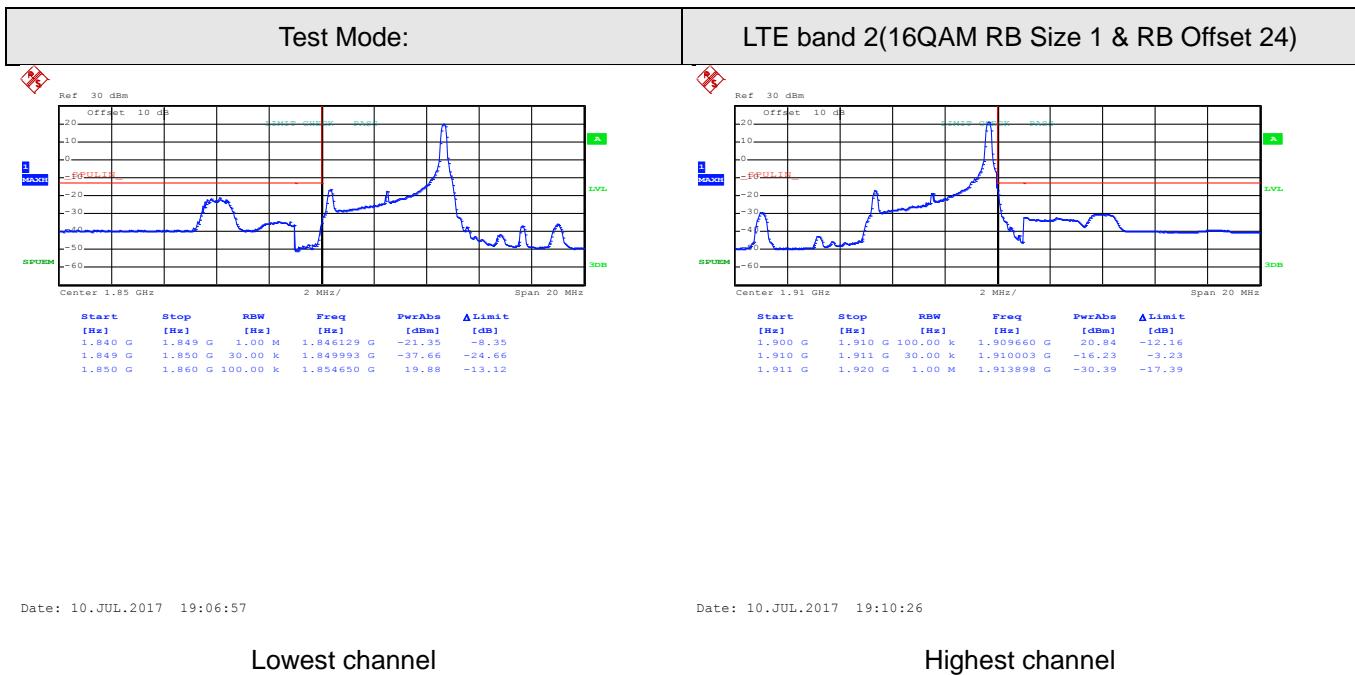
Date: 10.JUL.2017 19:07:44

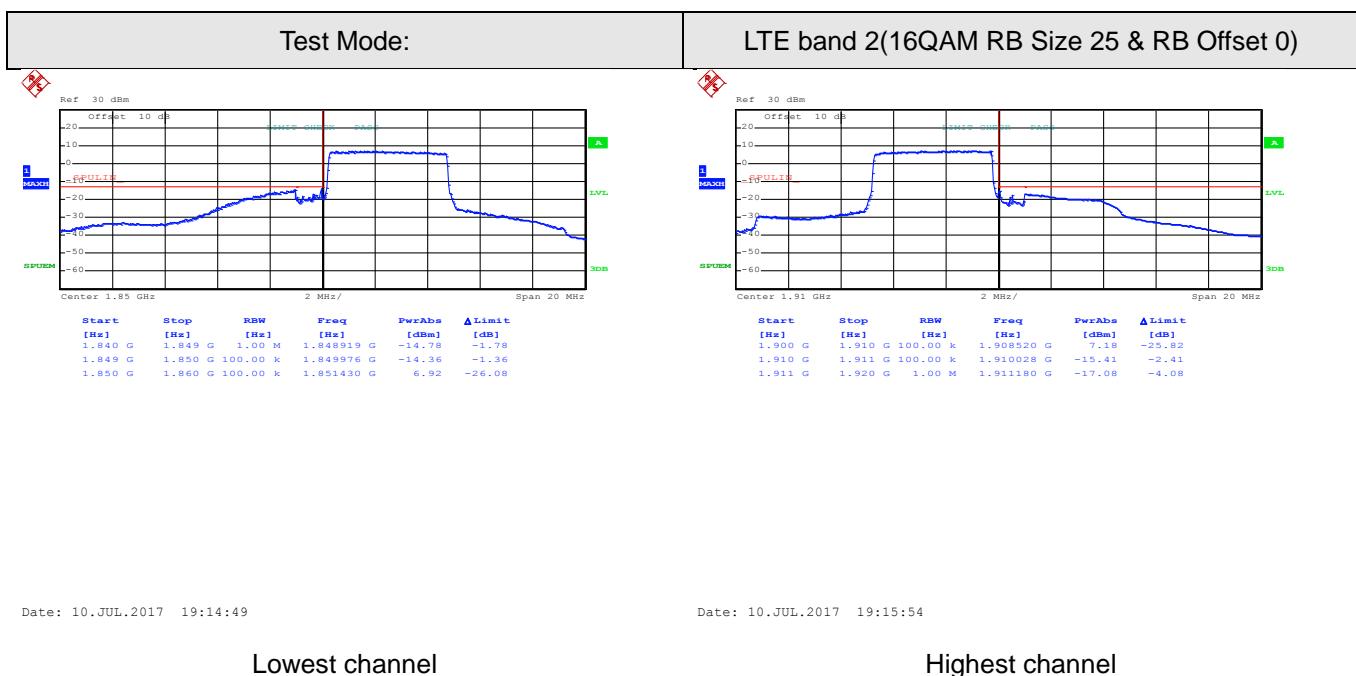
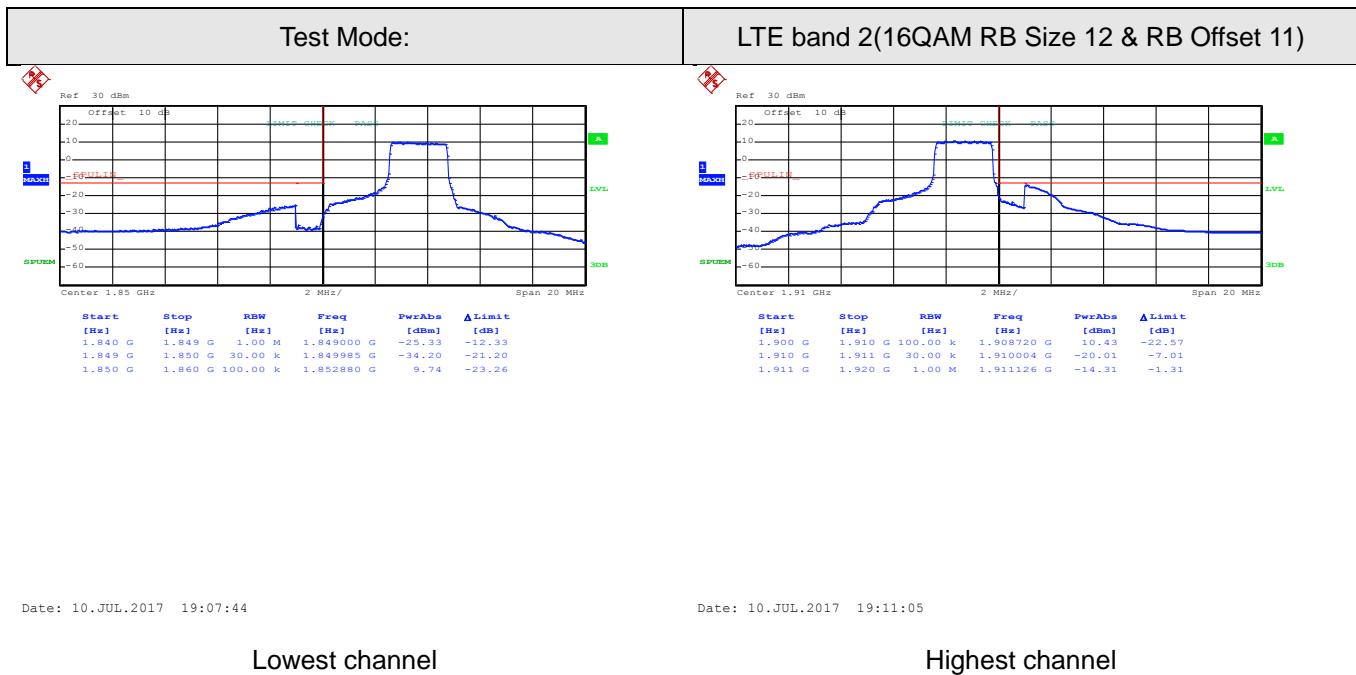
Date: 10.JUL.2017 19:11:05

Lowest channel

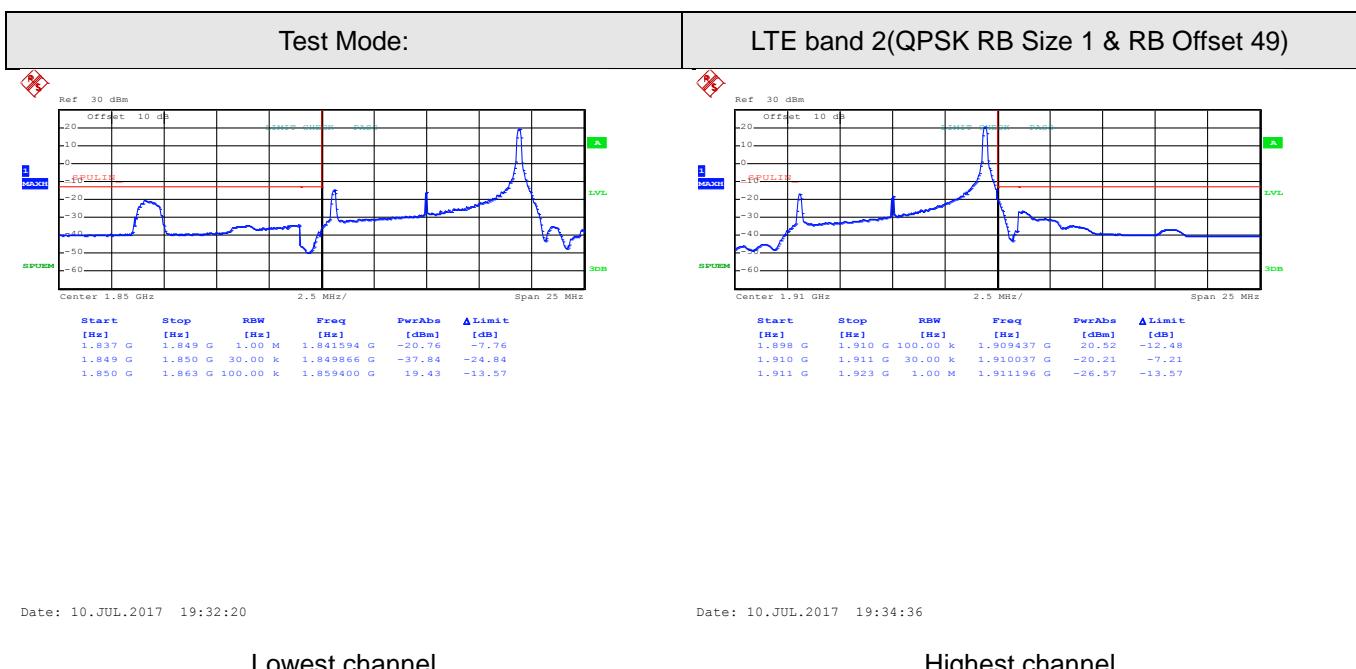
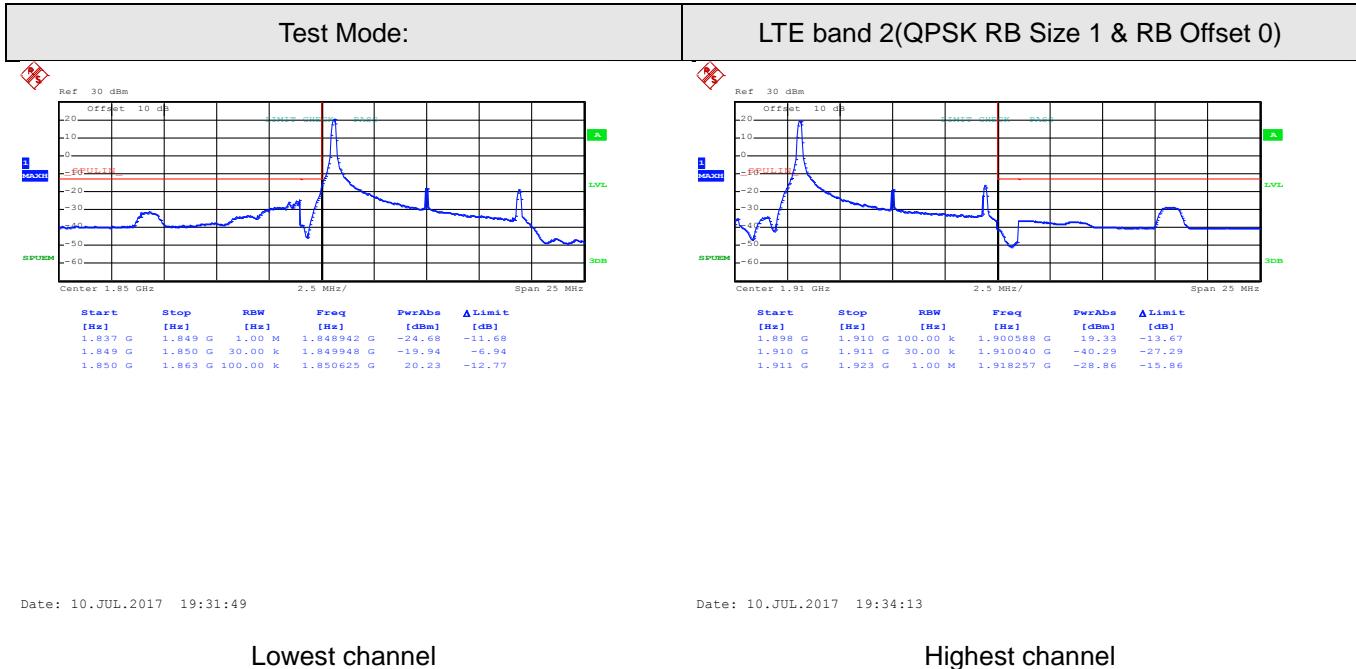
Highest channel



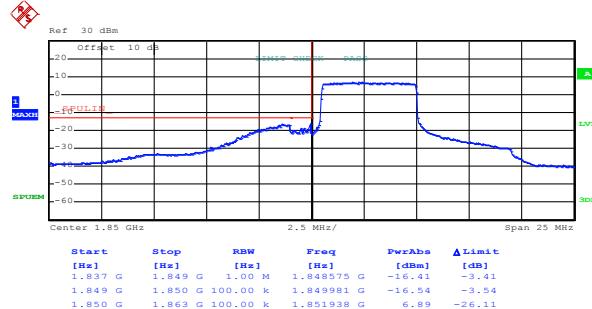




## 10MHz:

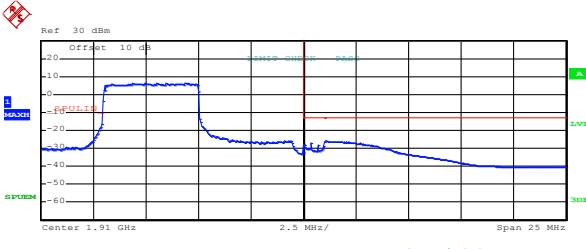


Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 0)
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Date: 10.JUL.2017 19:19:33

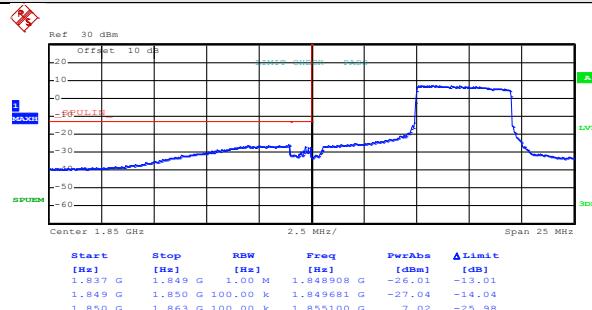
Lowest channel



Date: 10.JUL.2017 19:22:08

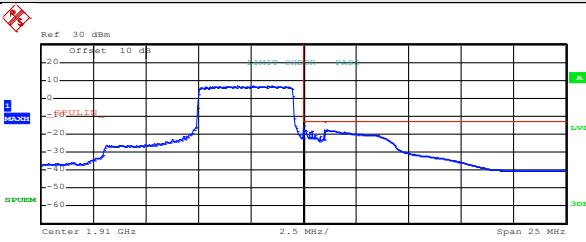
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 24)
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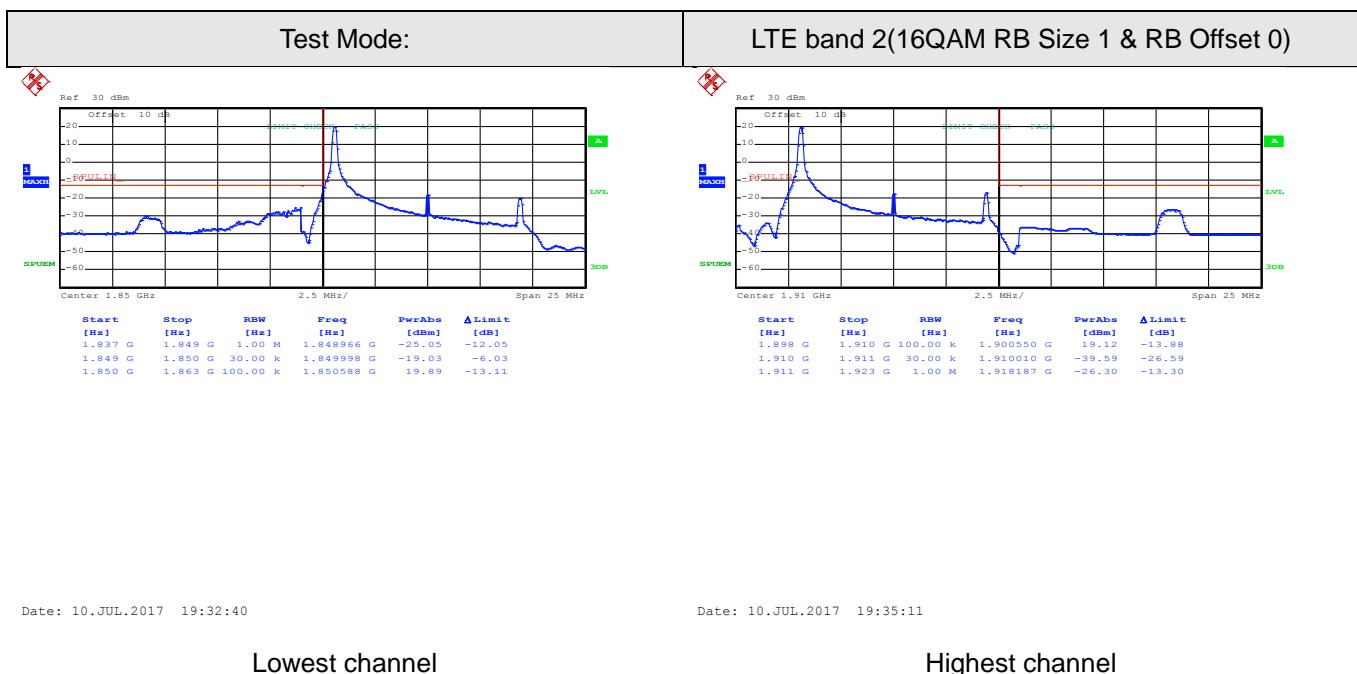
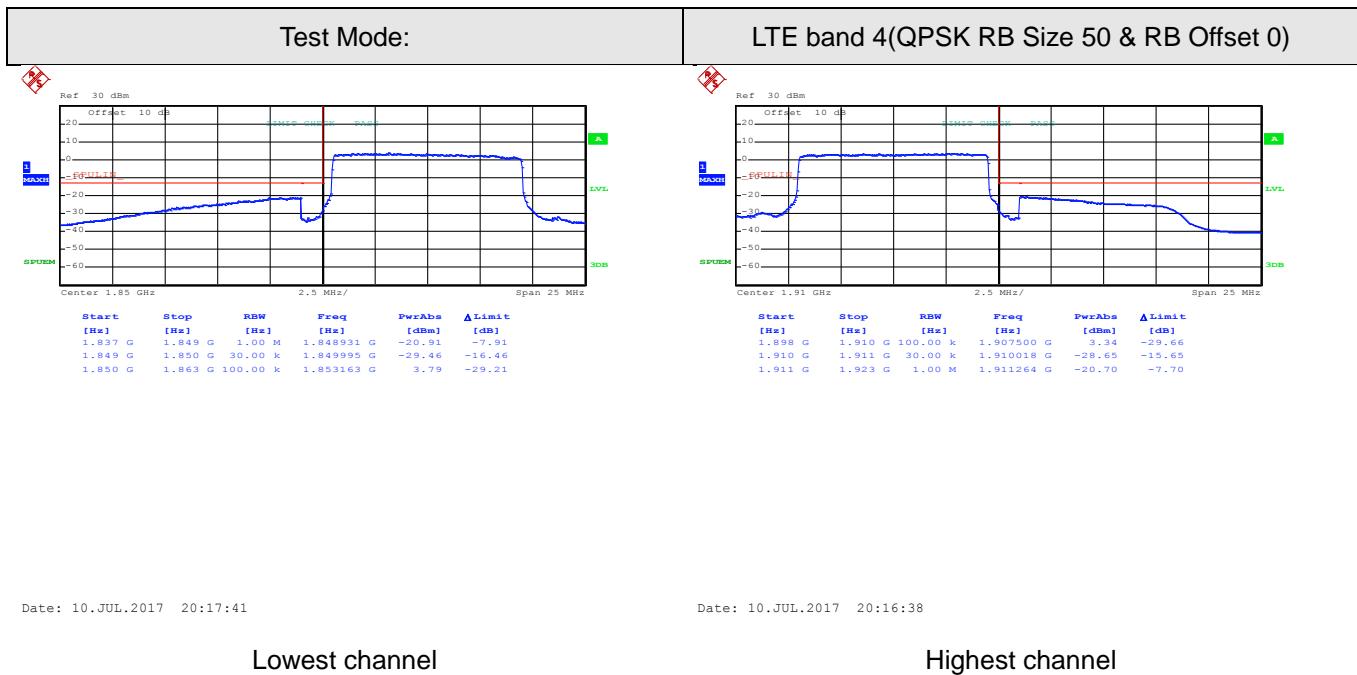
Date: 10.JUL.2017 19:19:50

Lowest channel

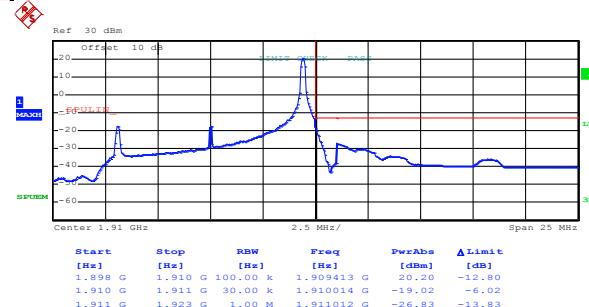
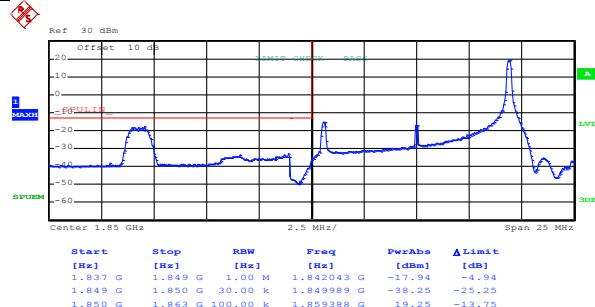


Date: 10.JUL.2017 19:22:26

Highest channel



Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 49)
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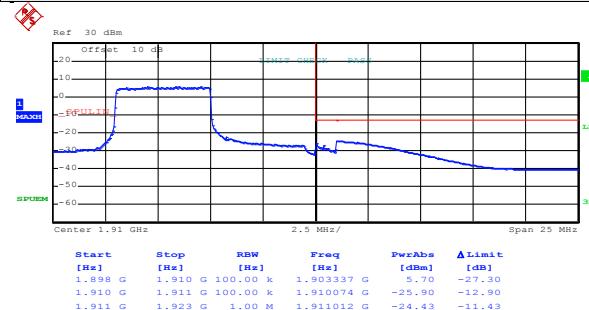
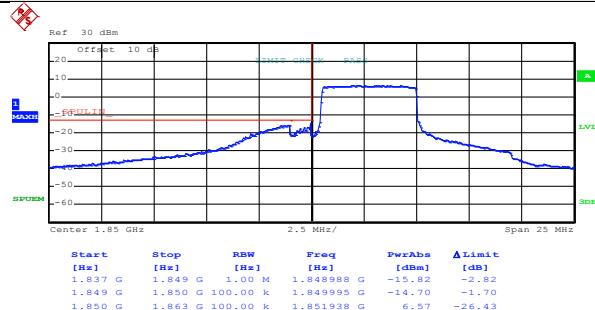
Date: 10.JUL.2017 19:33:01

Date: 10.JUL.2017 19:35:33

Lowest channel

Highest channel

Test Mode:	LTE band 2(16QAM RB Size 25 & RB Offset 0)
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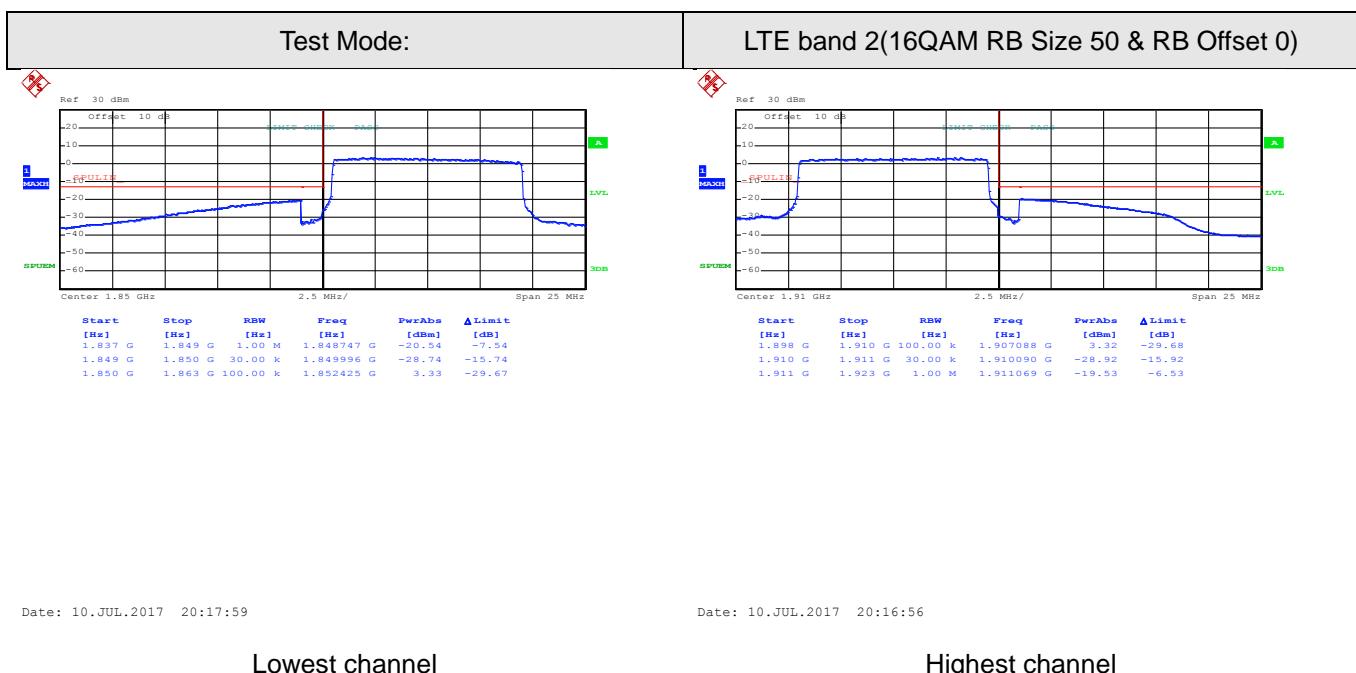
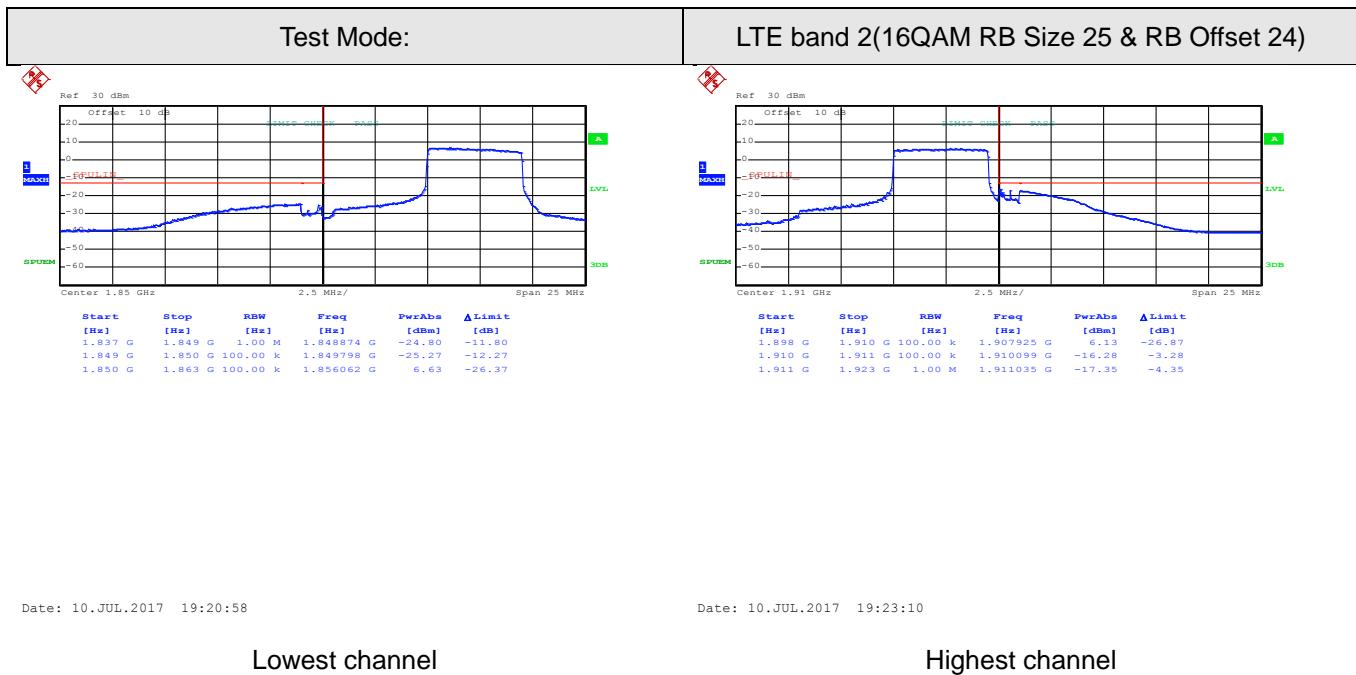


Date: 10.JUL.2017 19:20:41

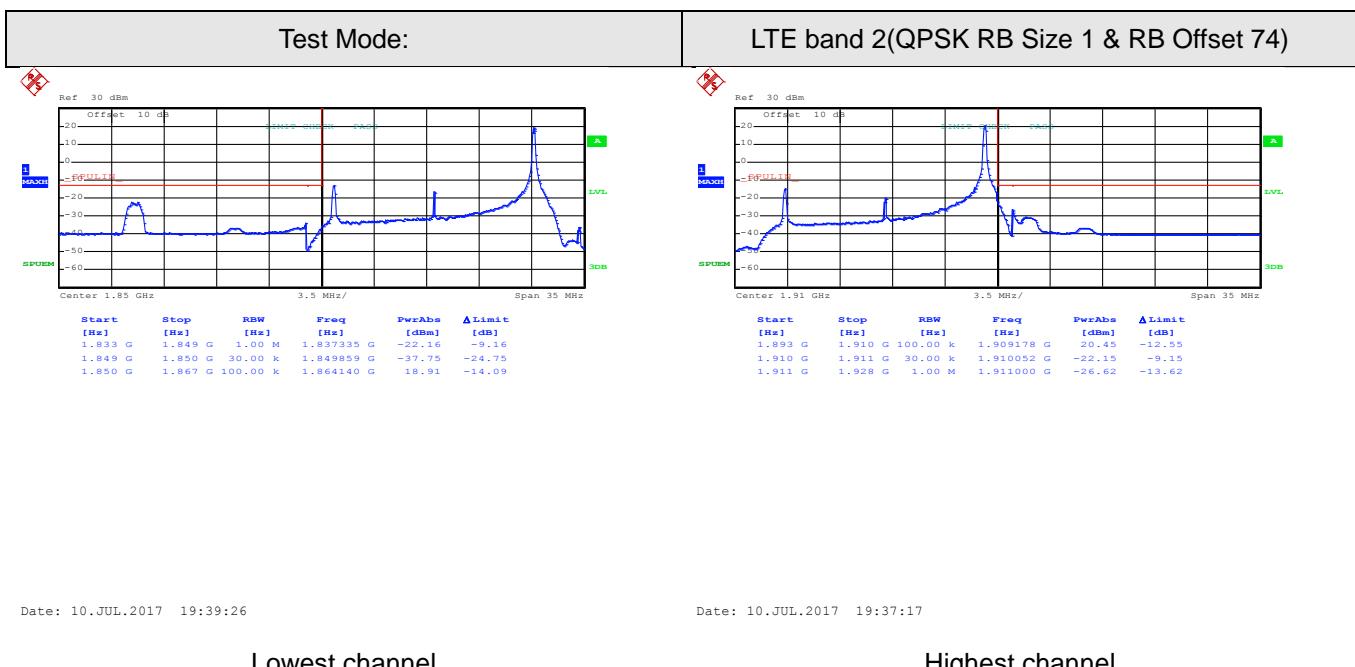
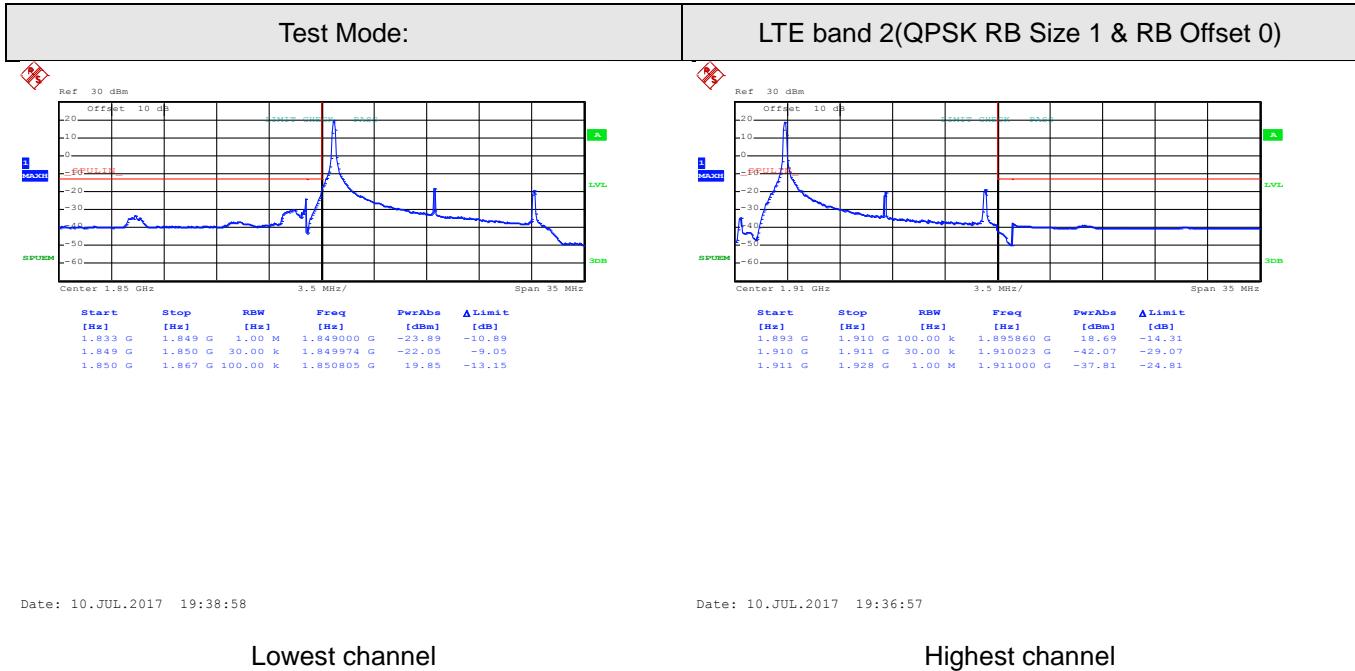
Date: 10.JUL.2017 19:22:48

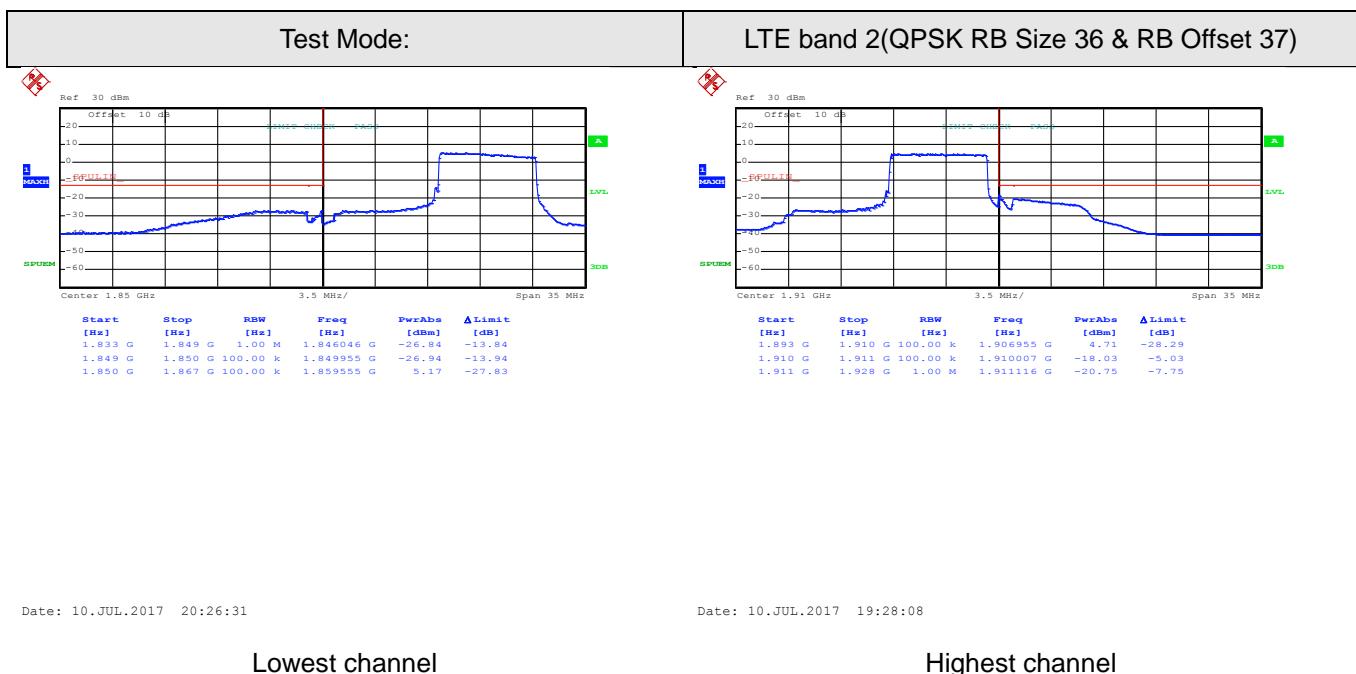
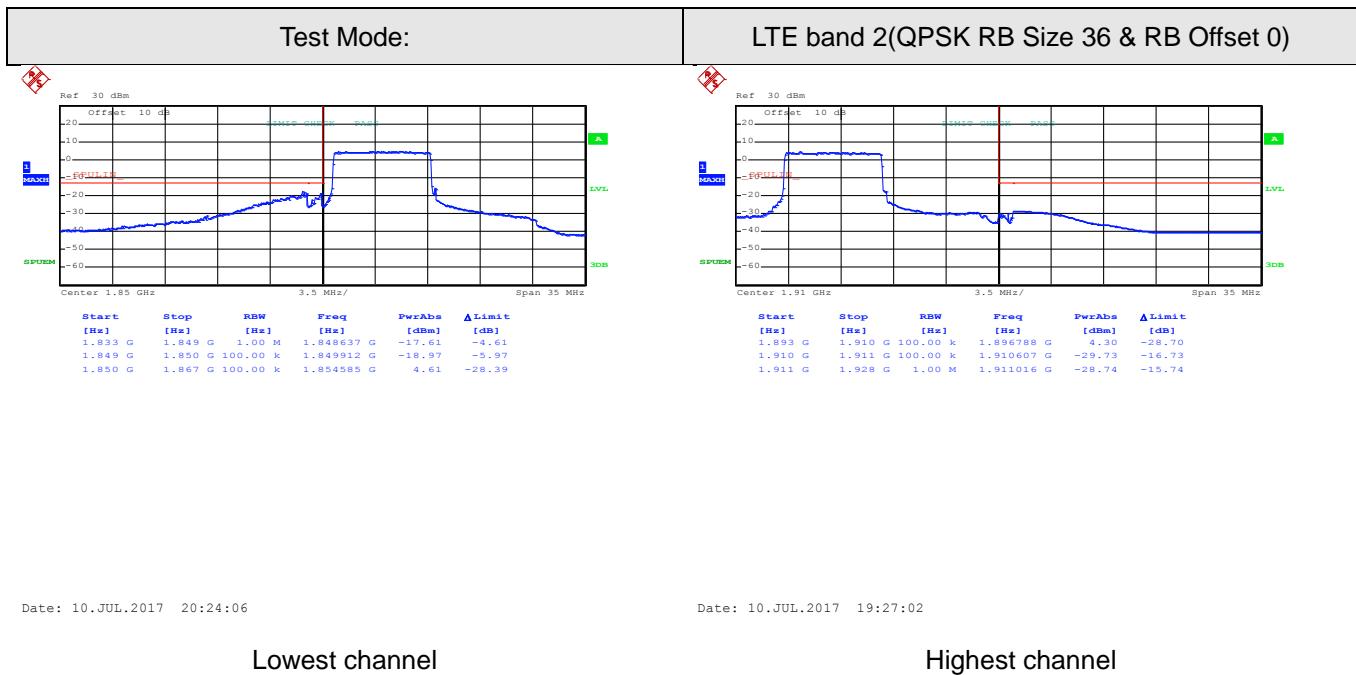
Lowest channel

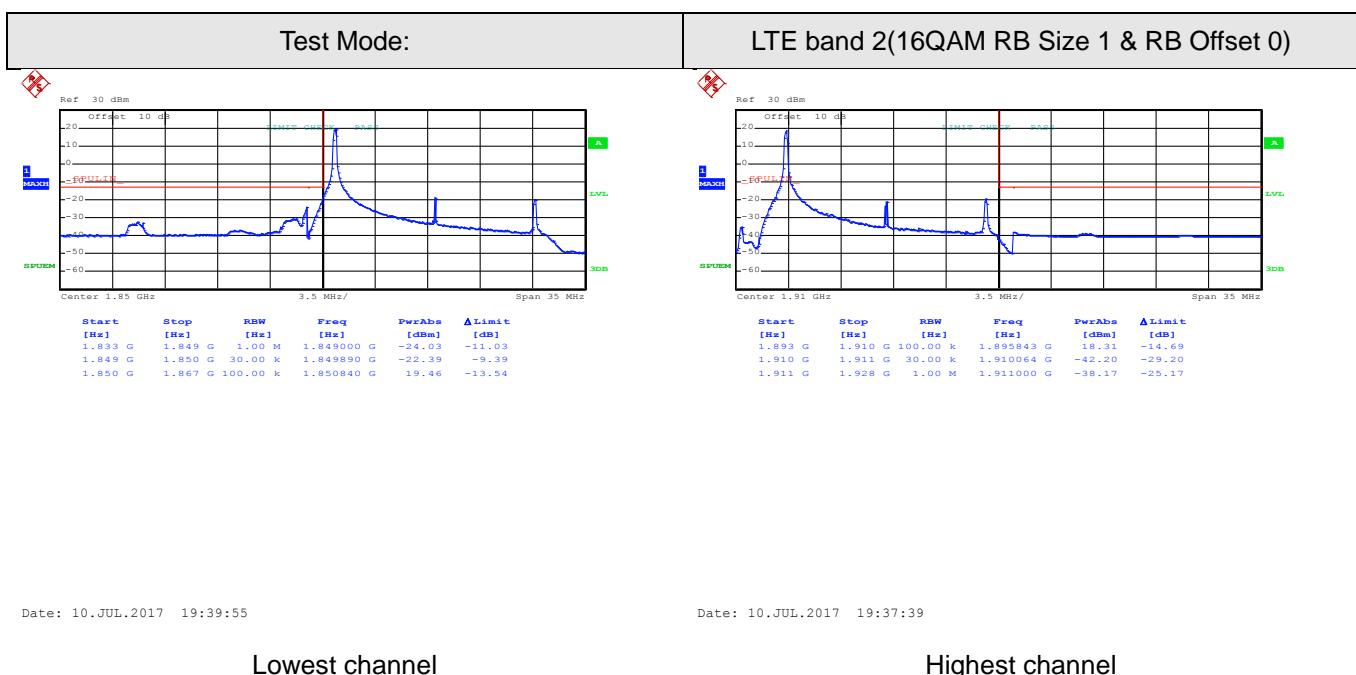
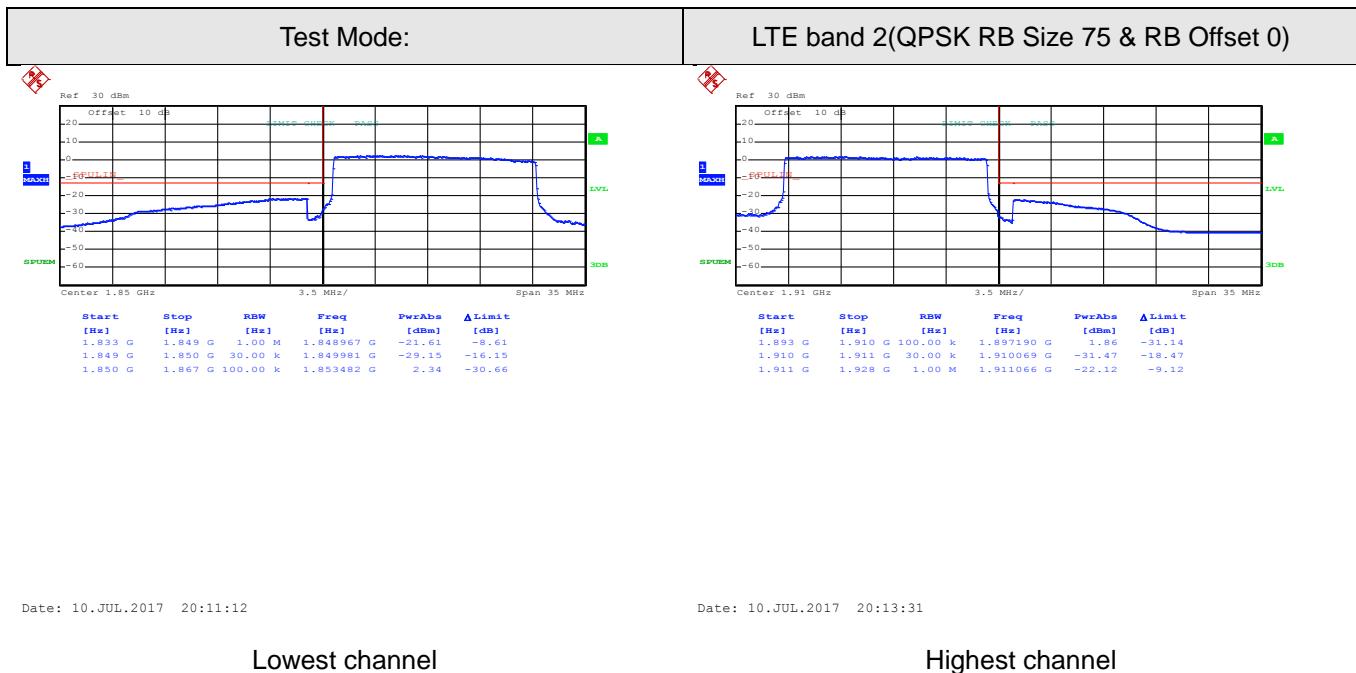
Highest channel

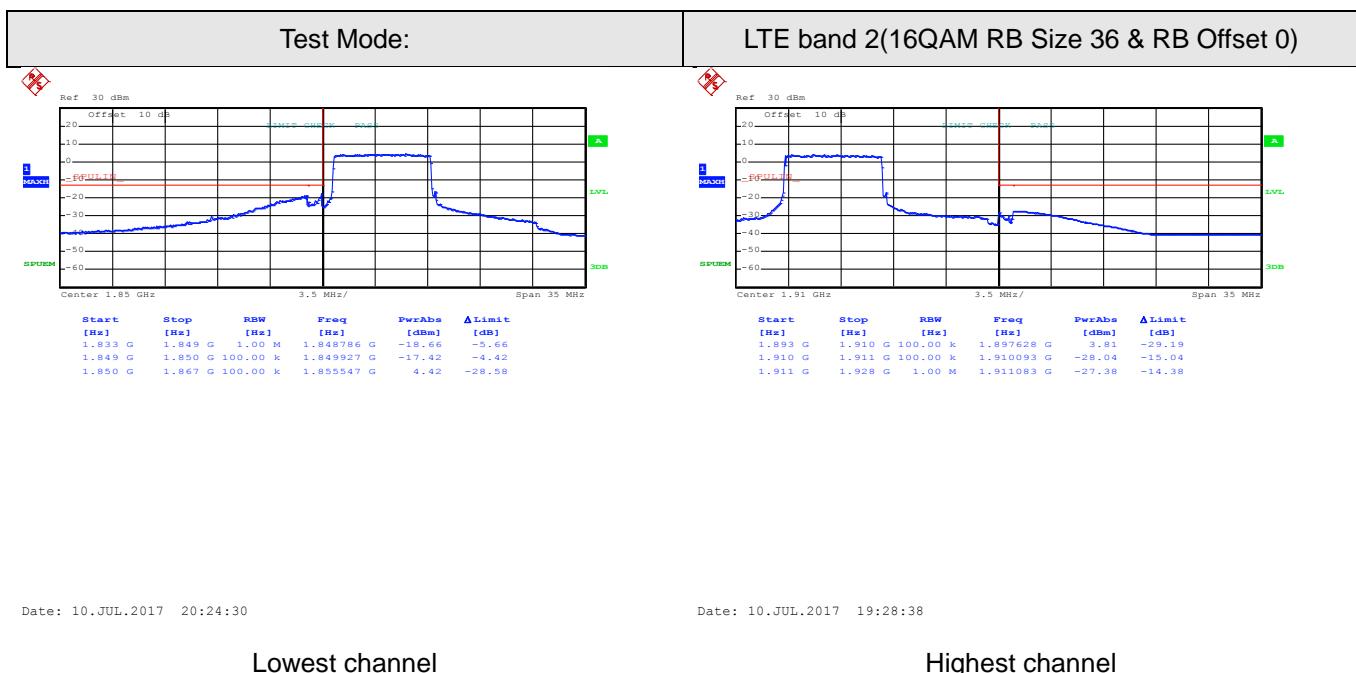
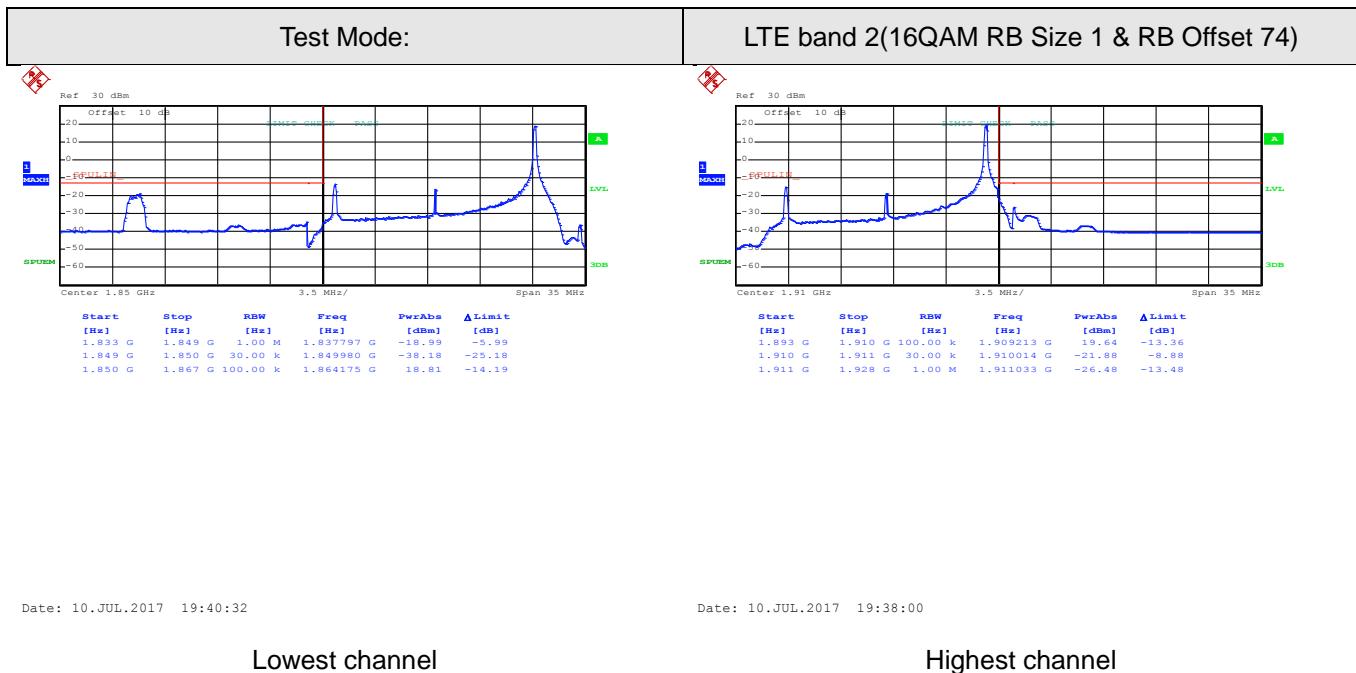


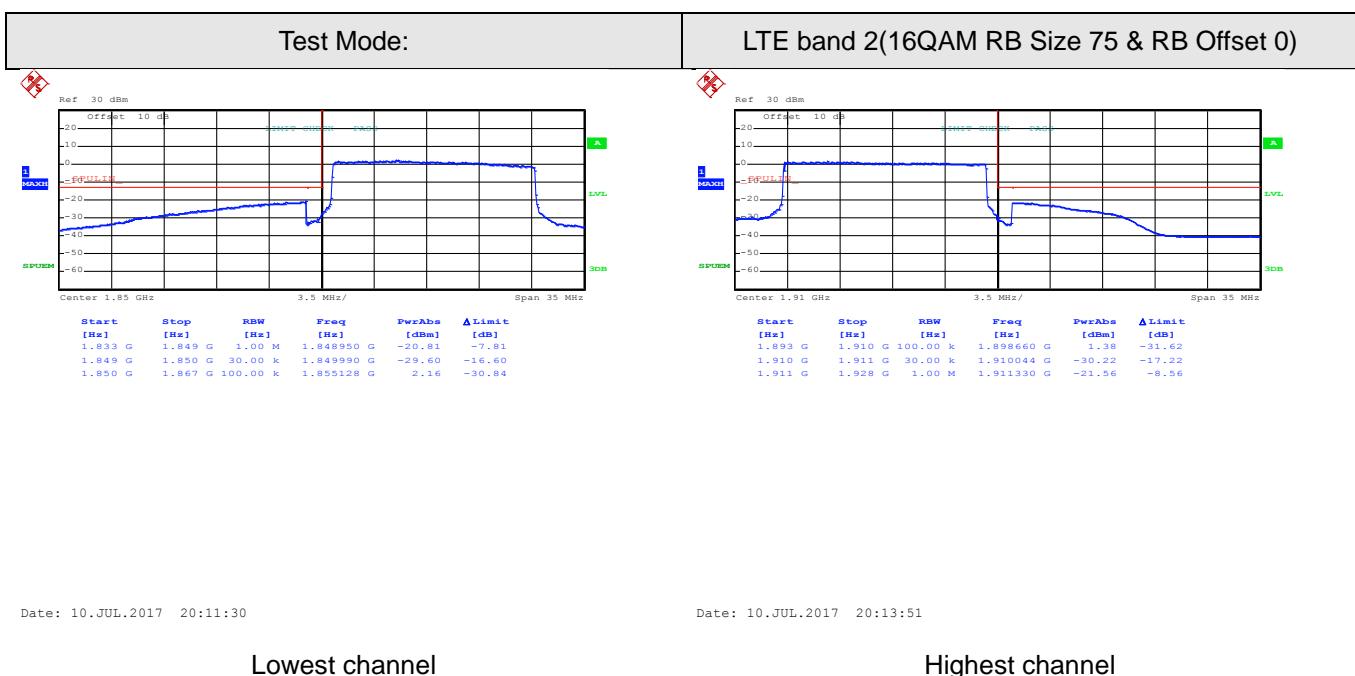
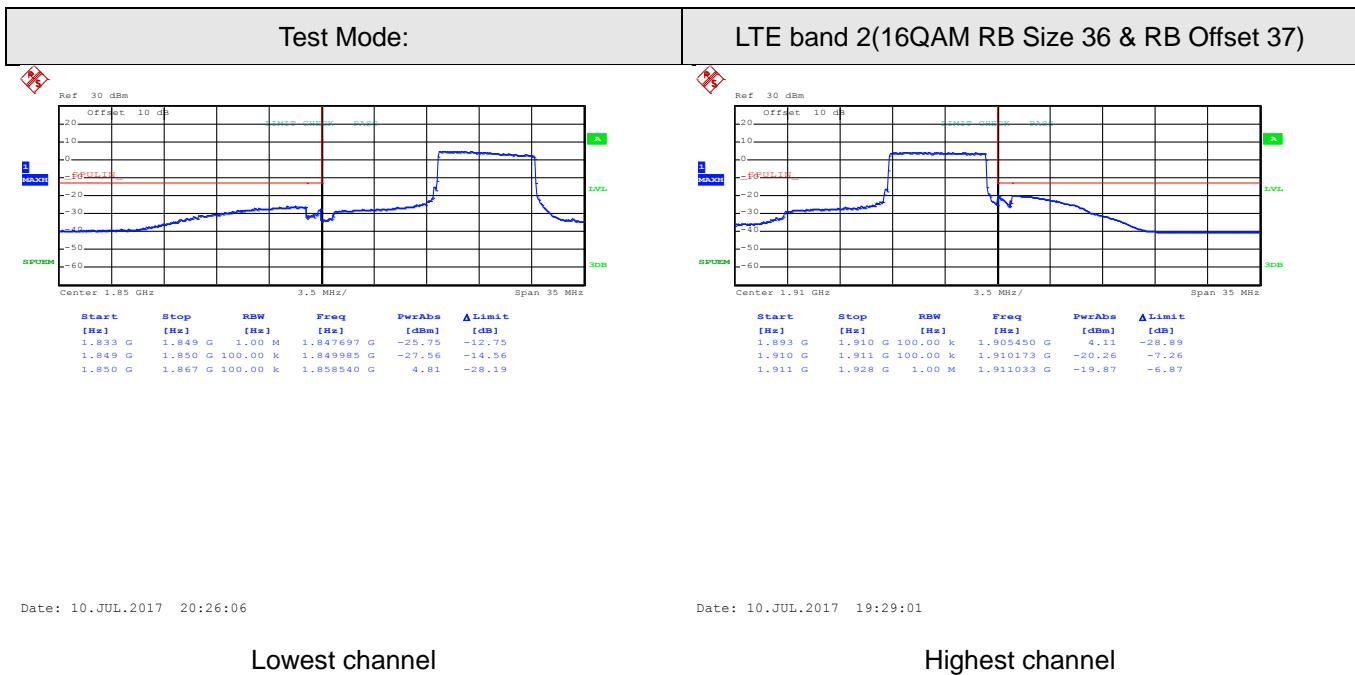
## 15MHz:



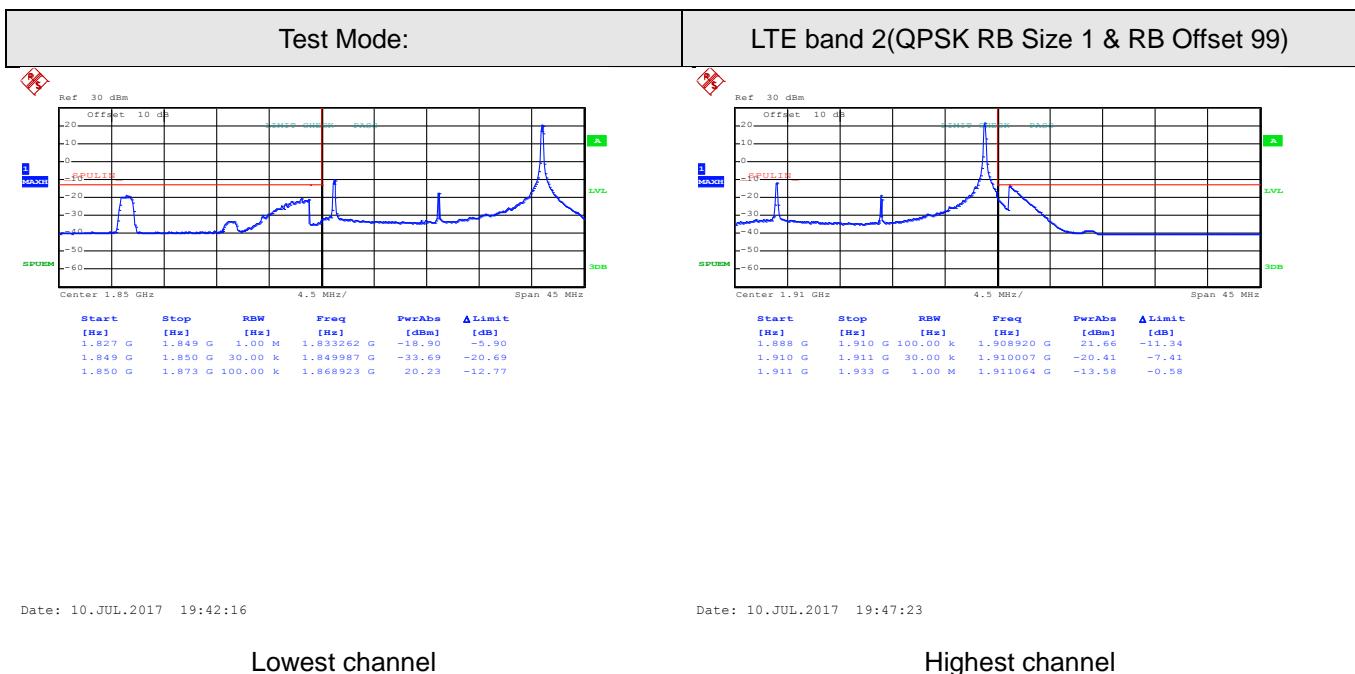
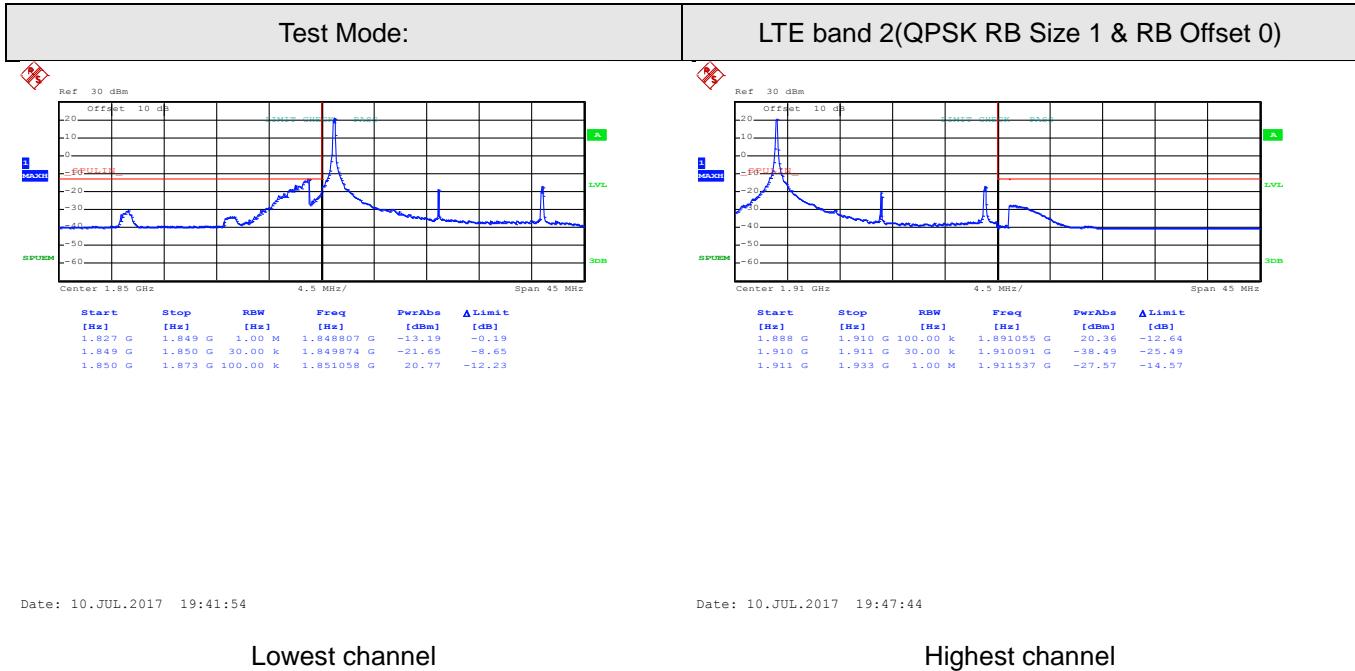


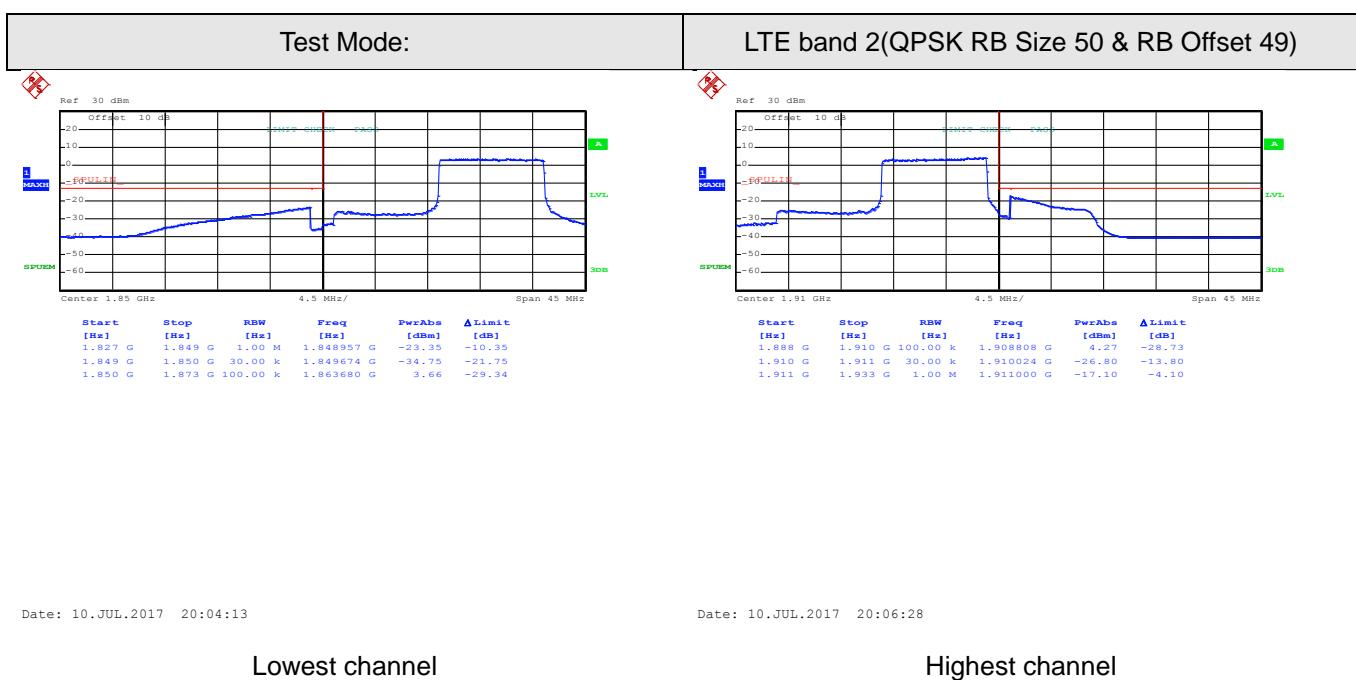
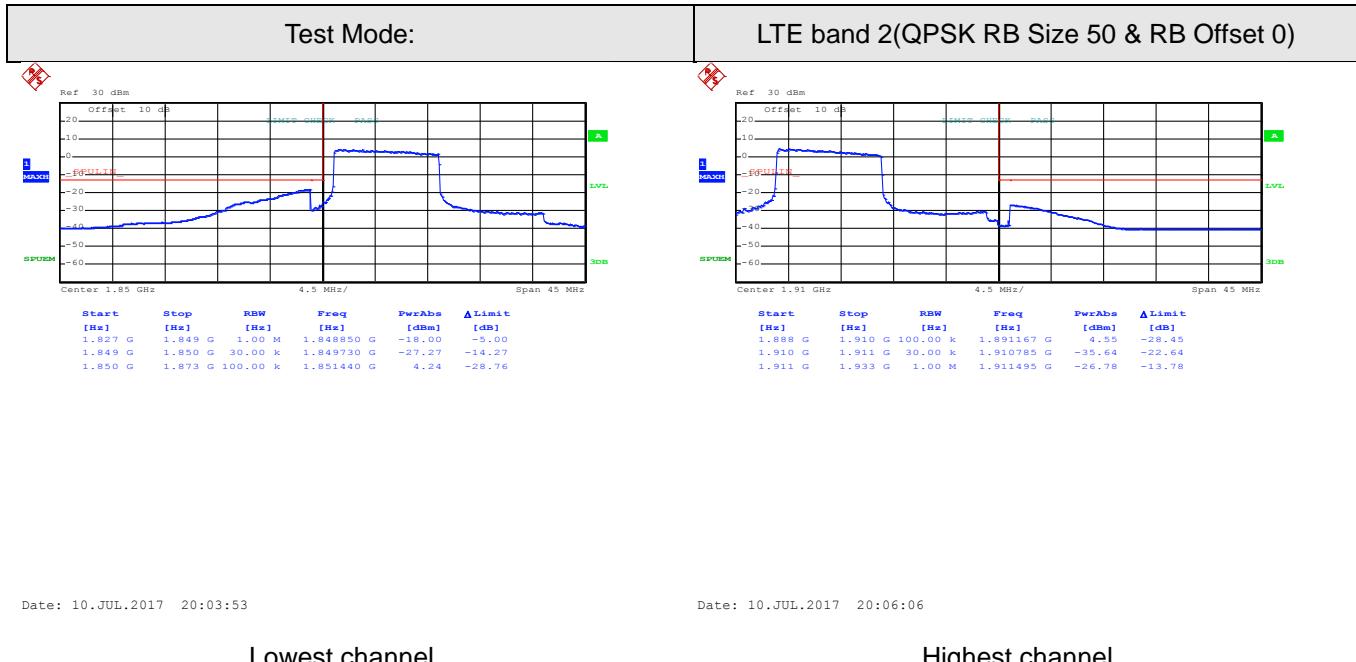


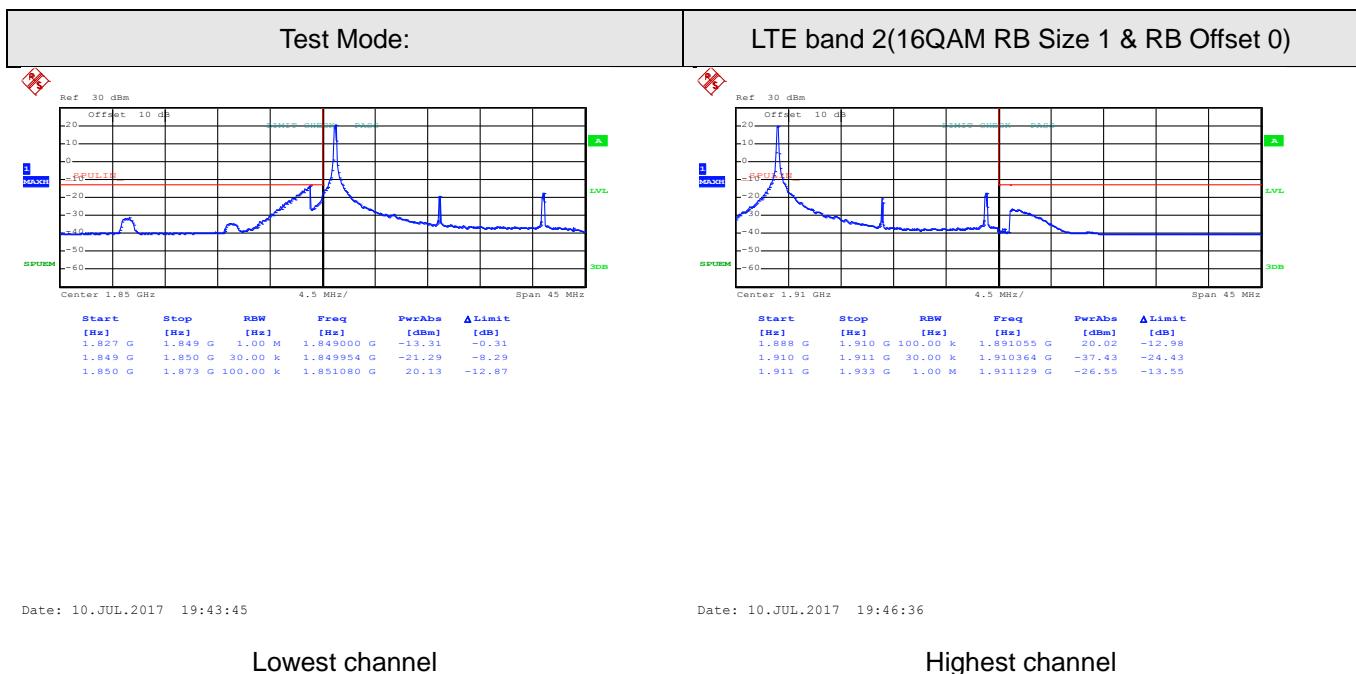
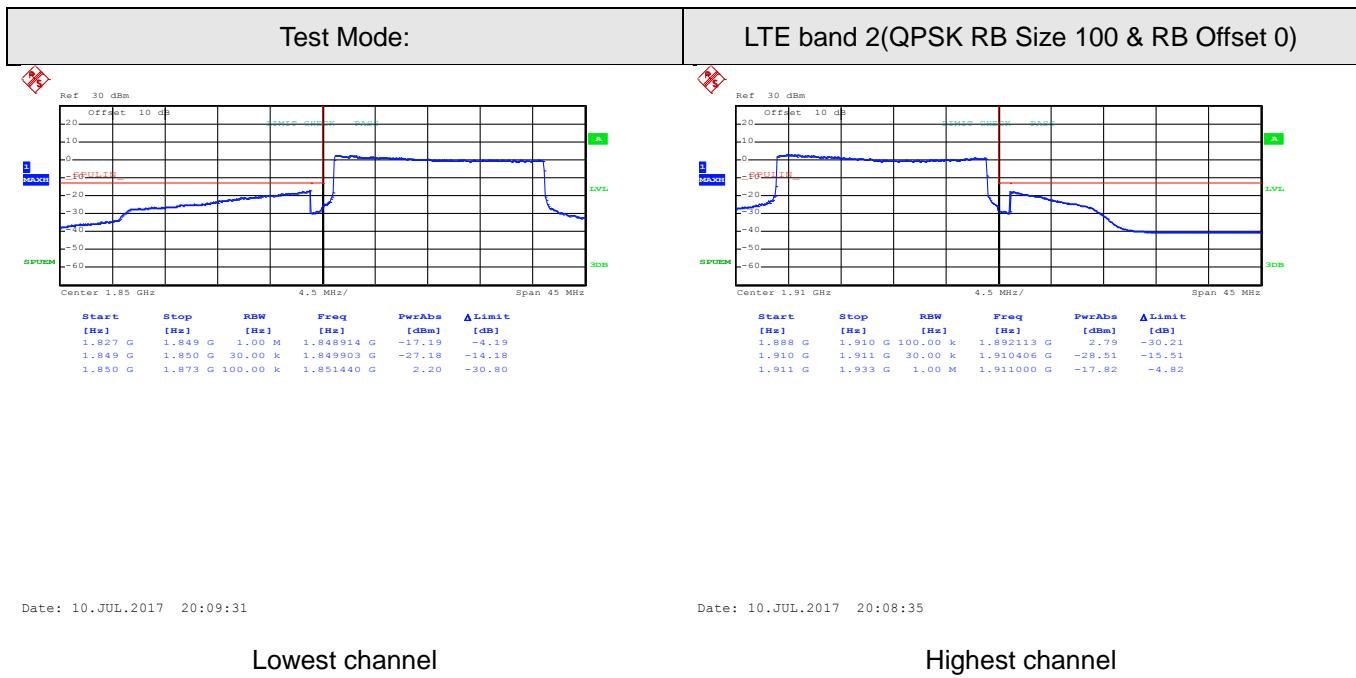


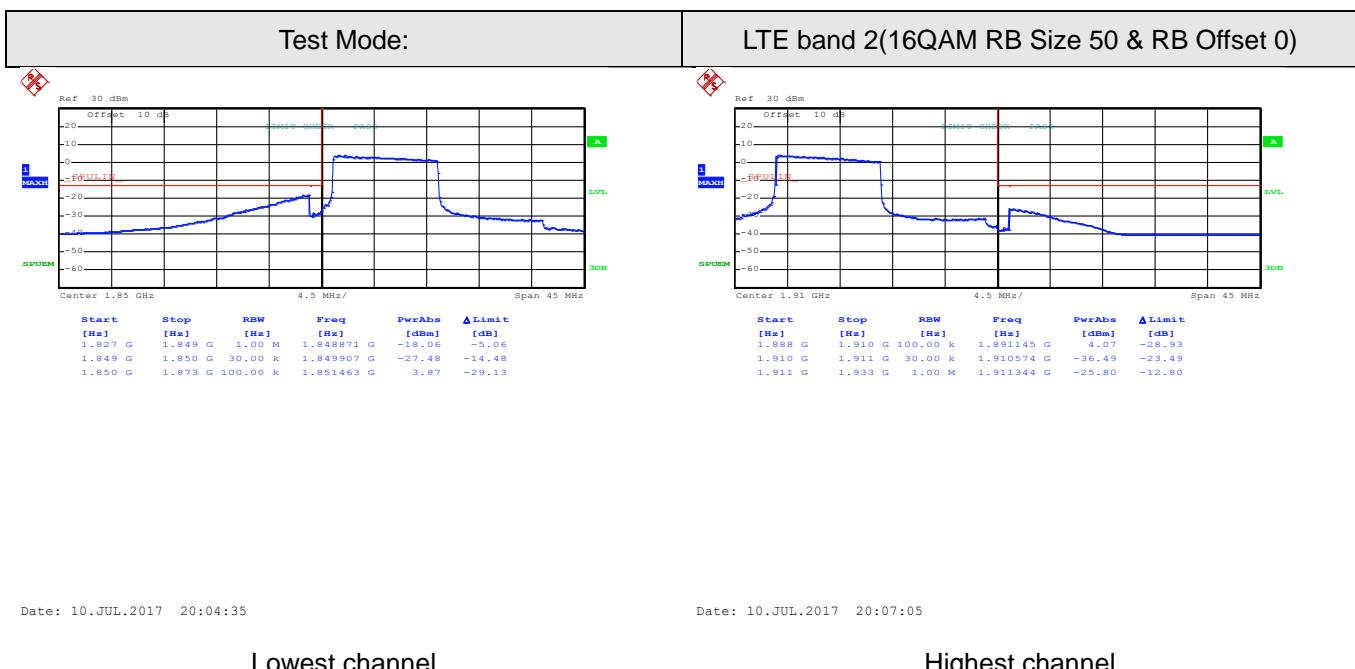
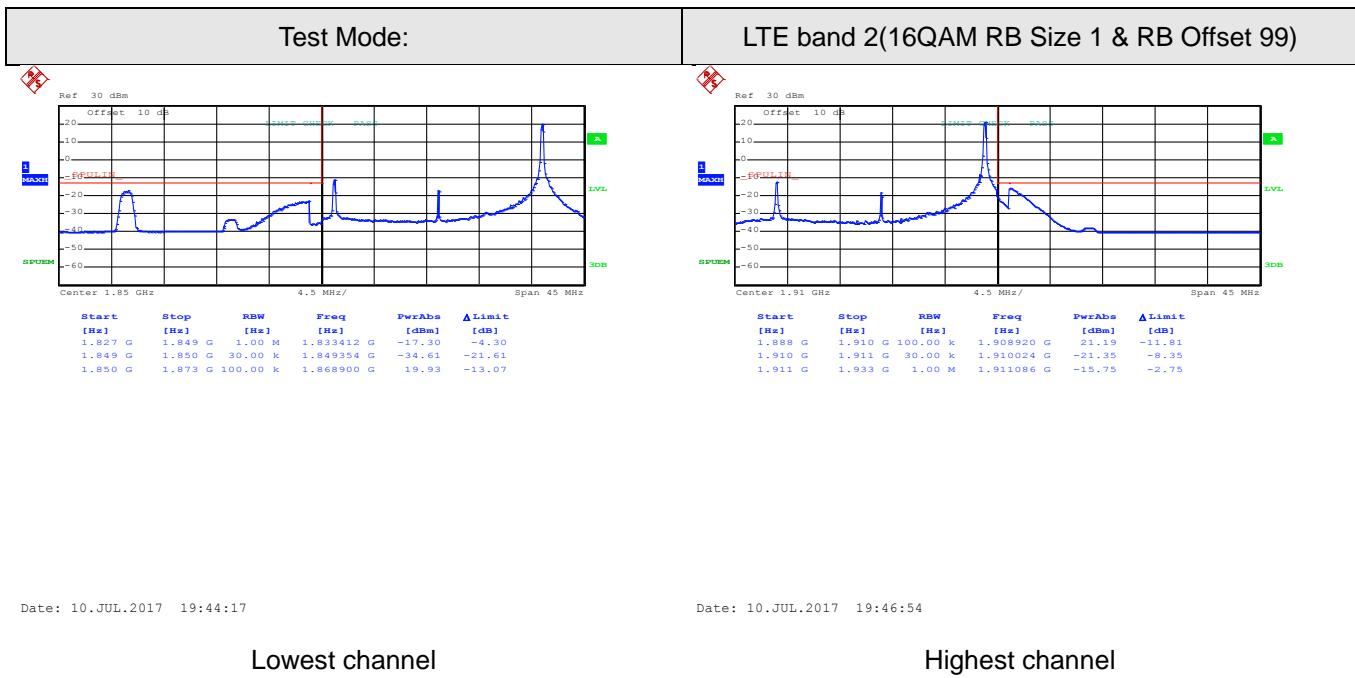


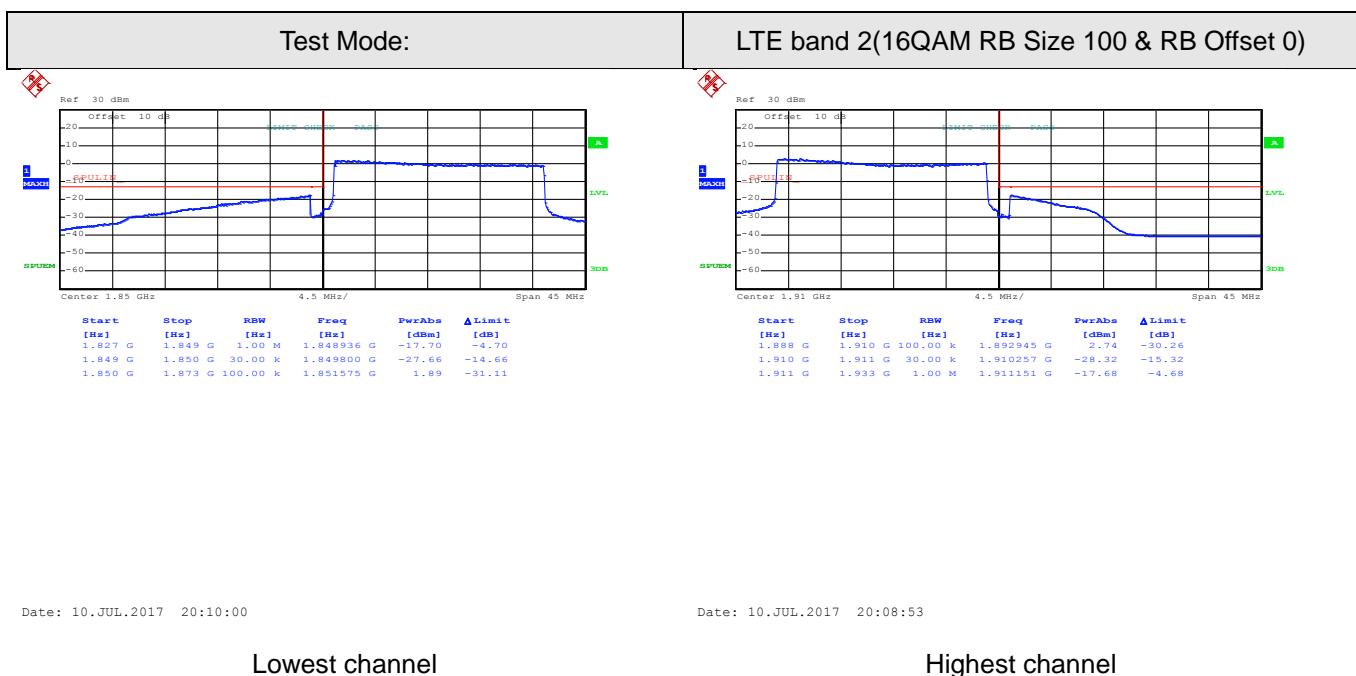
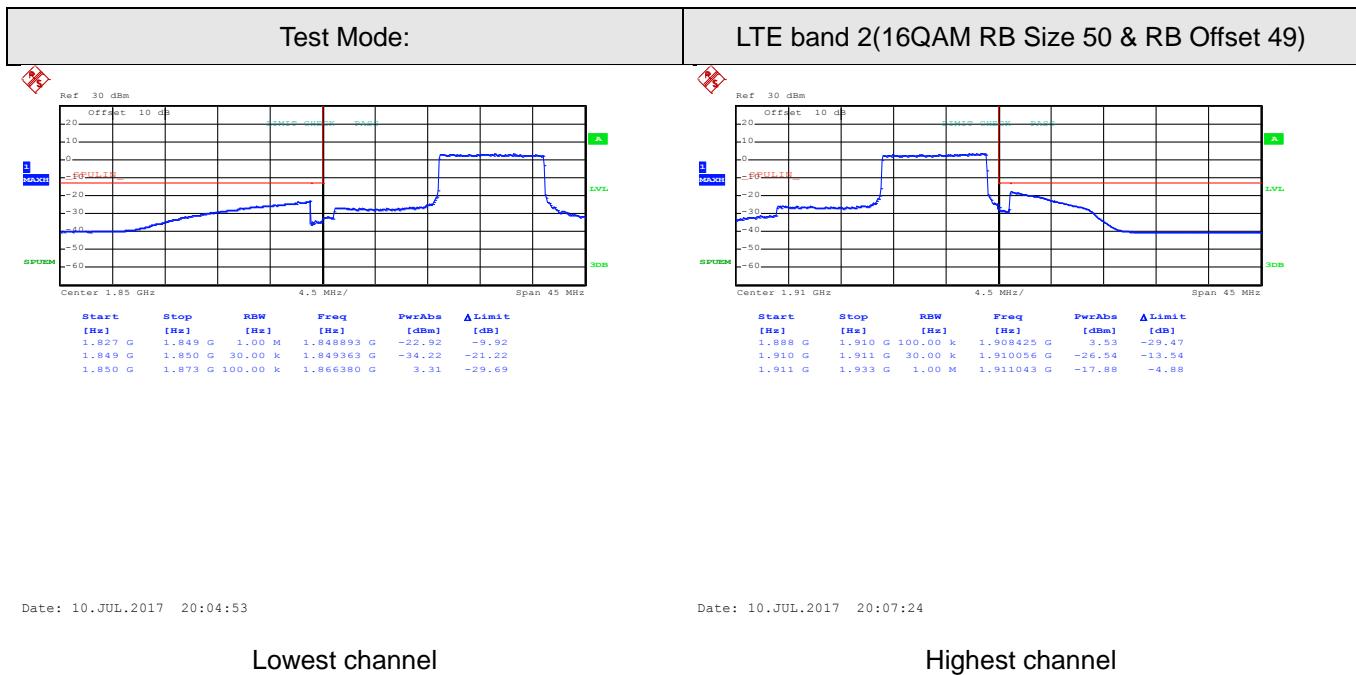
20MHz:



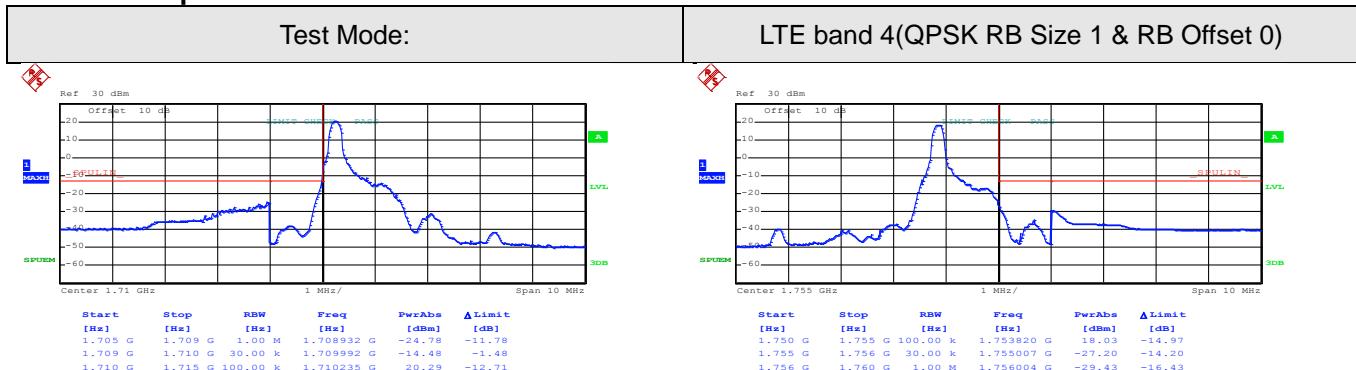








## LTE band 4 part:1.4MHz:

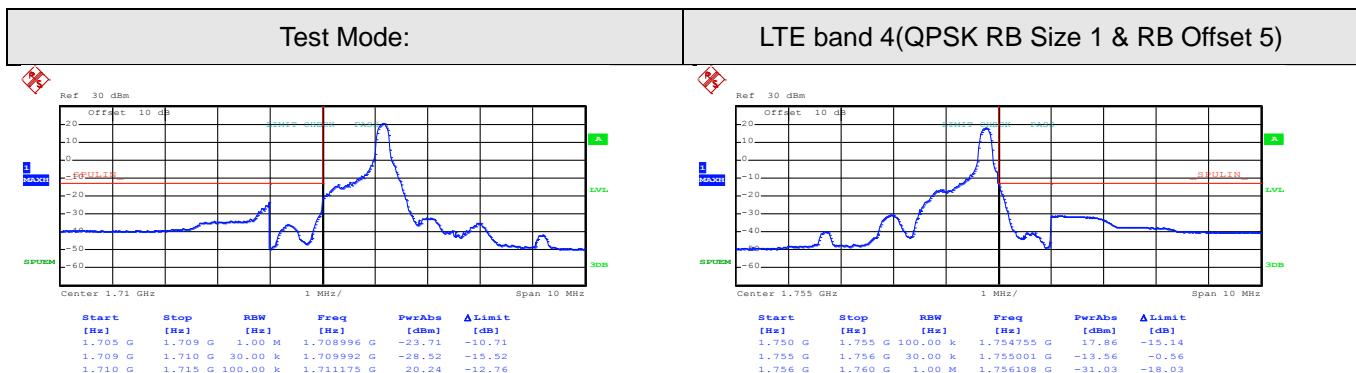


Date: 11.JUL.2017 13:48:41

Date: 11.JUL.2017 13:52:06

## Lowest channel

## Highest channel

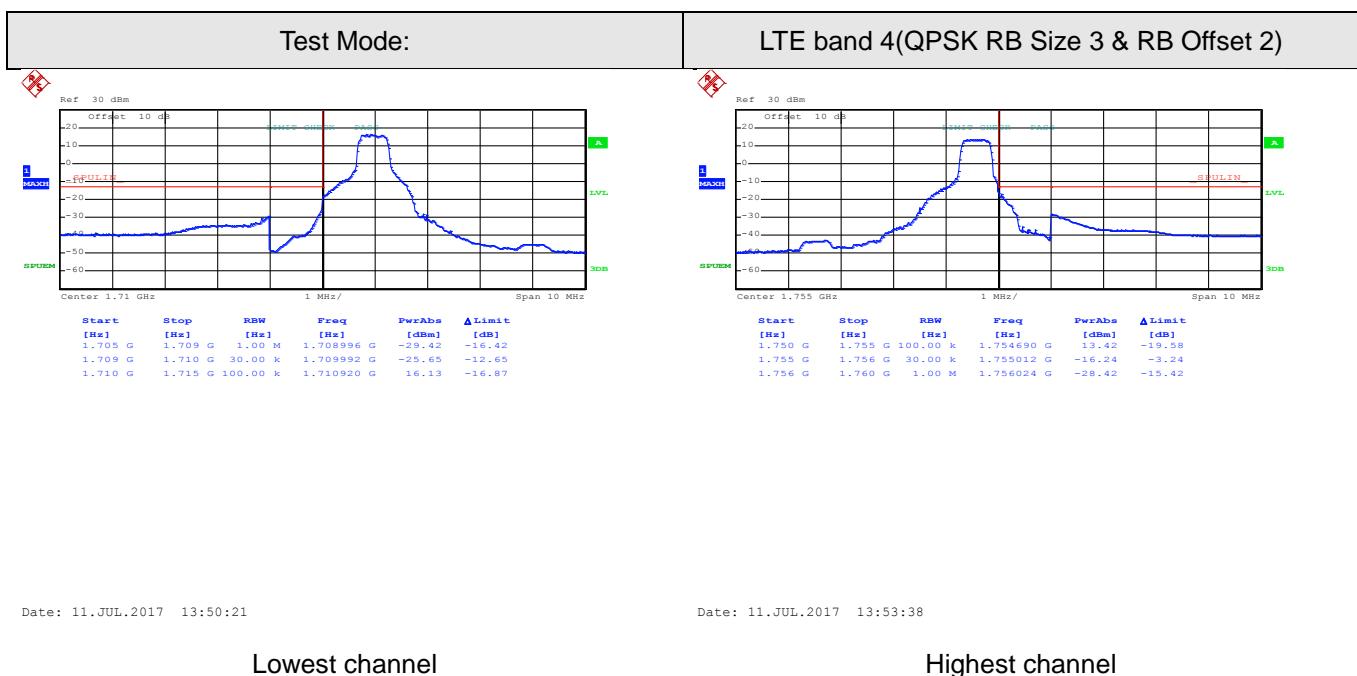
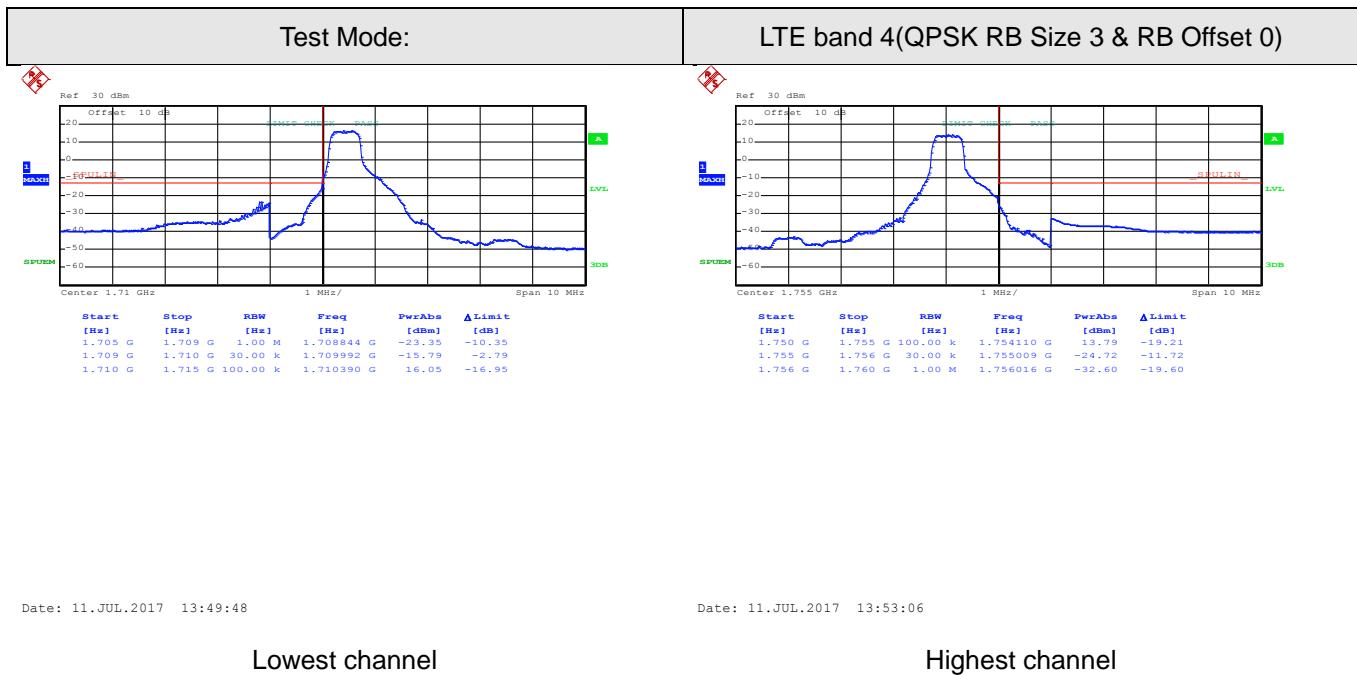


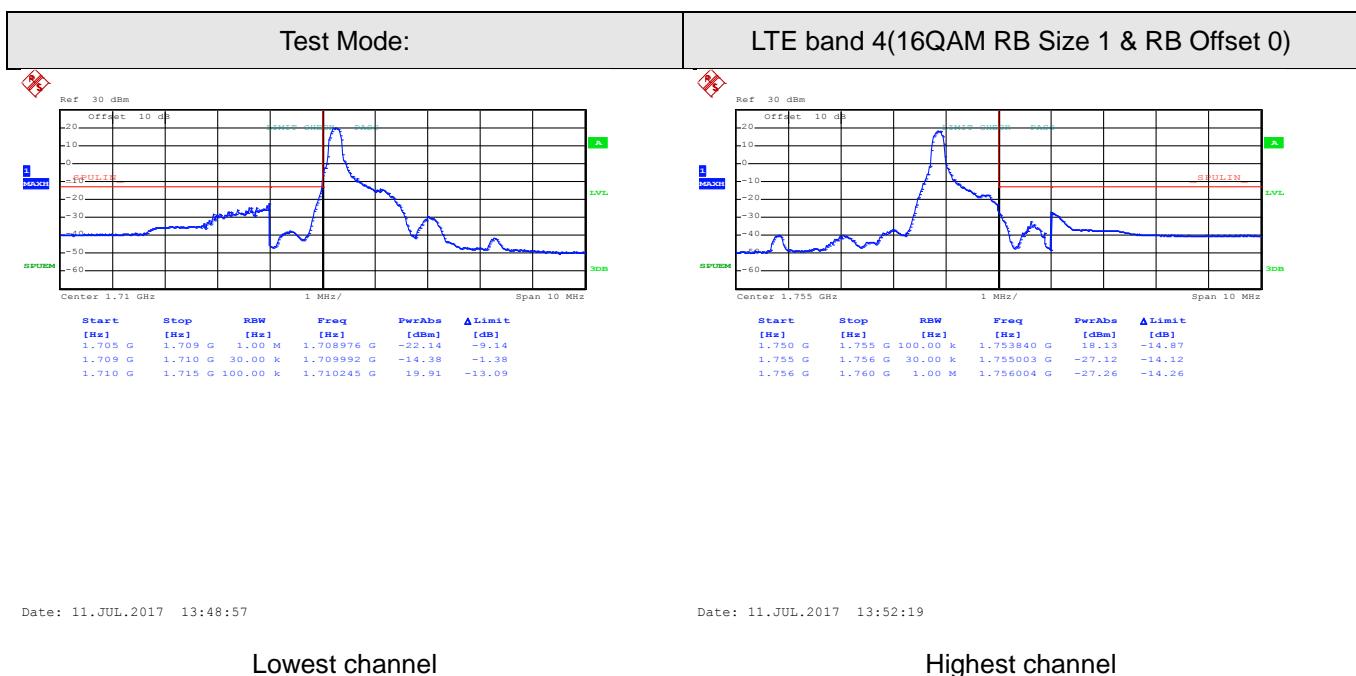
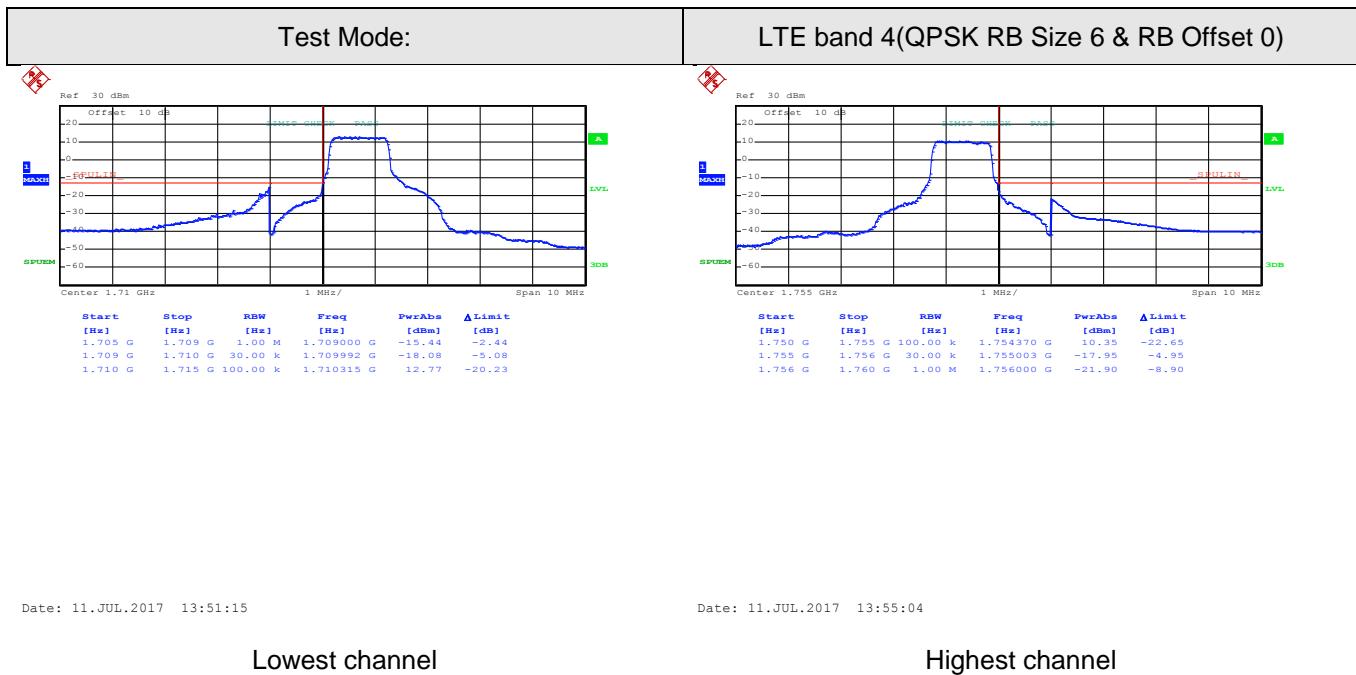
Date: 11.JUL.2017 13:49:12

Date: 11.JUL.2017 13:52:34

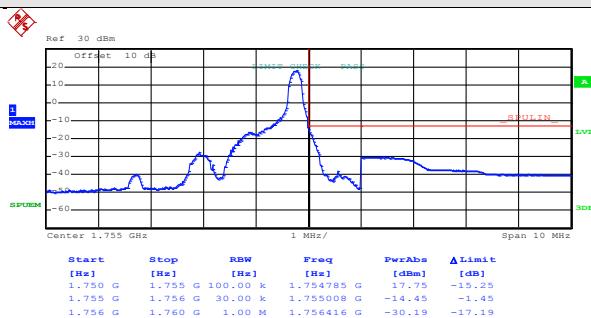
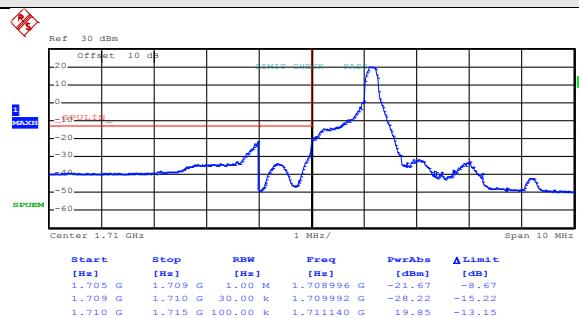
## Lowest channel

## Highest channel





Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 5)
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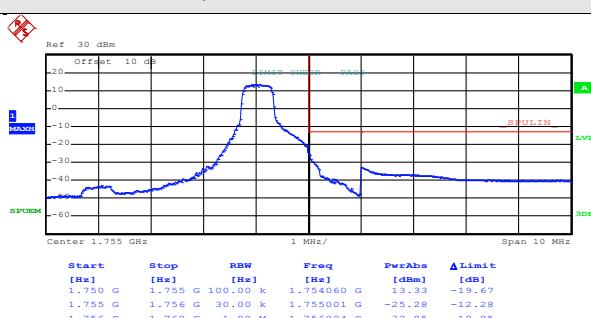
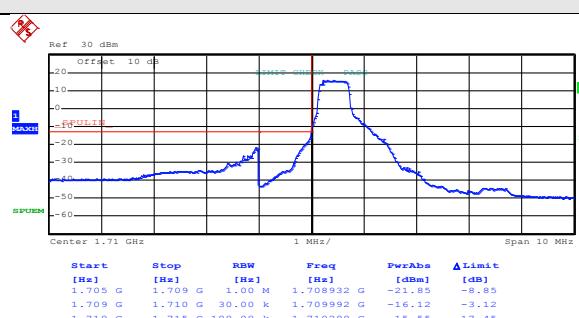
Date: 11.JUL.2017 13:49:32

Lowest channel

Date: 11.JUL.2017 13:52:46

Highest channel

Test Mode:	LTE band 4(16QAM RB Size 3 & RB Offset 0)
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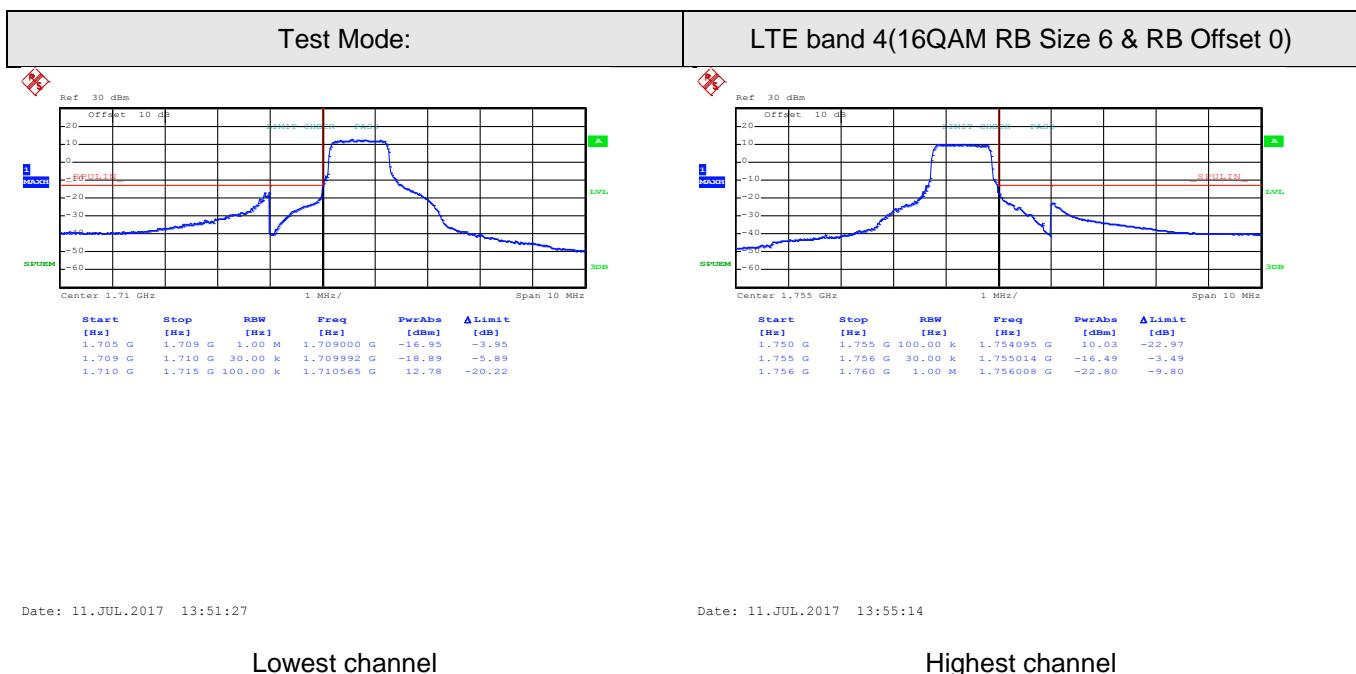
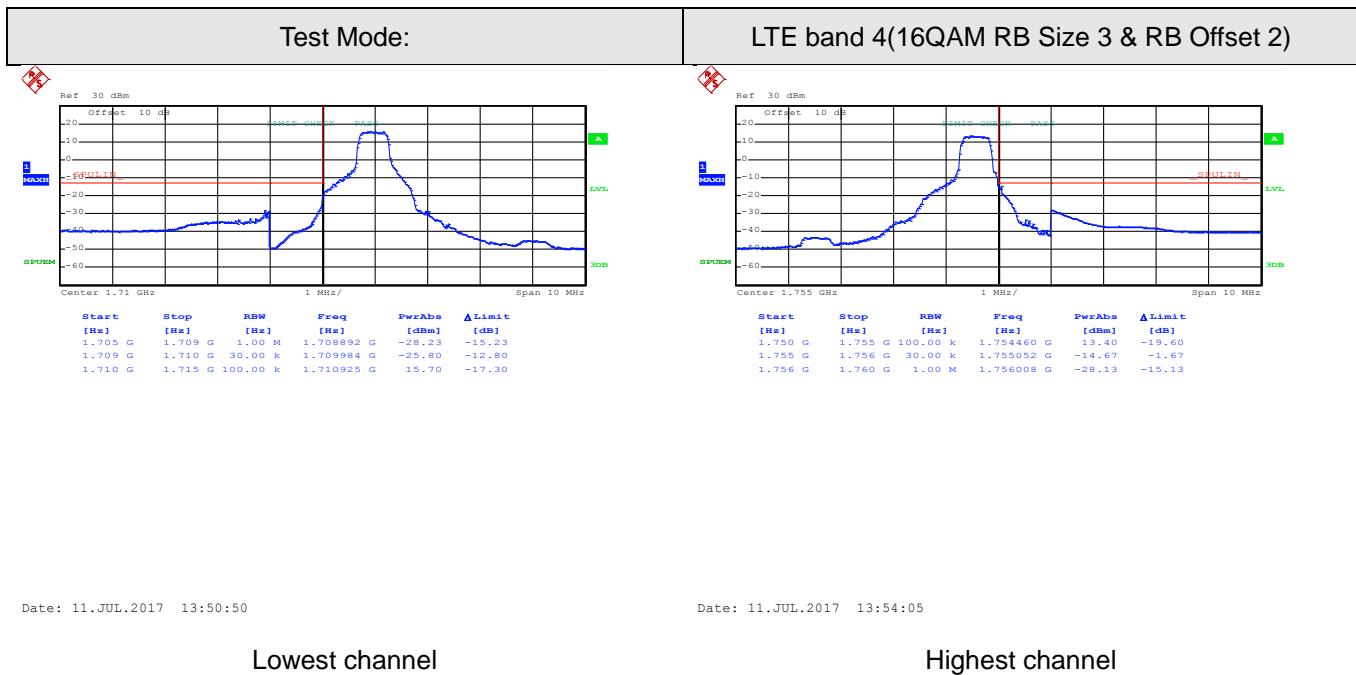


Date: 11.JUL.2017 13:50:04

Date: 11.JUL.2017 13:53:18

Lowest channel

Highest channel



3MHz:

