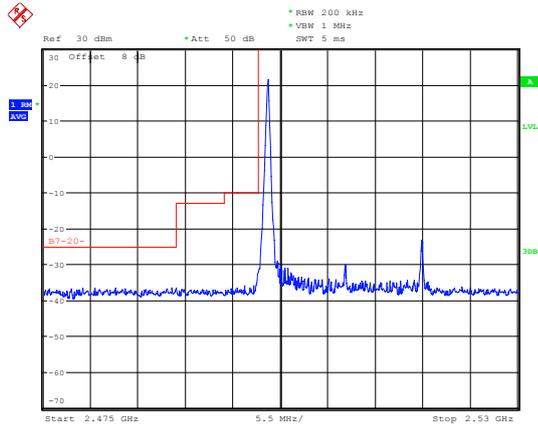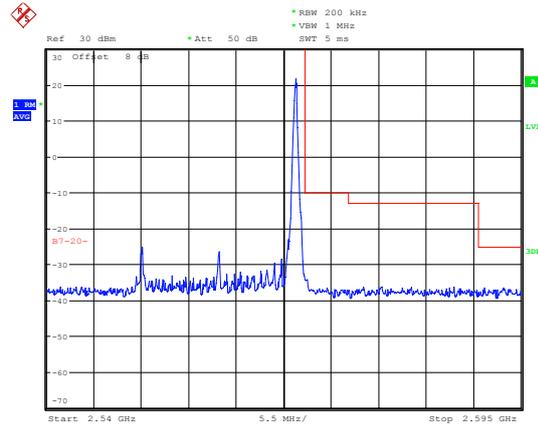## LTE Band 7 16QAM 20MHz CH-Low, 1 RB
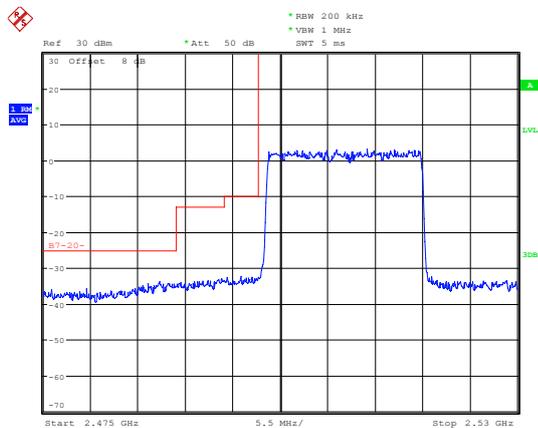

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LTE Band 7 16QAM 20MHz CH-High, 1 RB
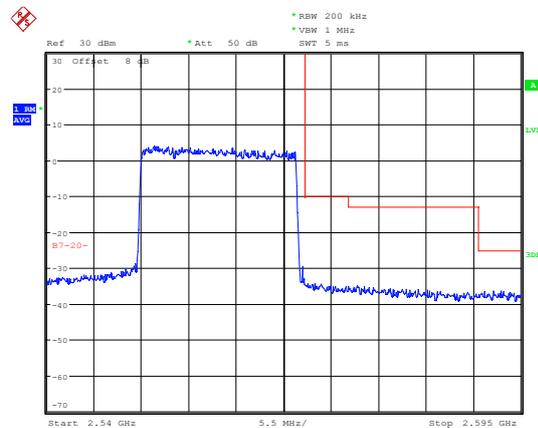

Date: 1.AUG.2019 15:39:01

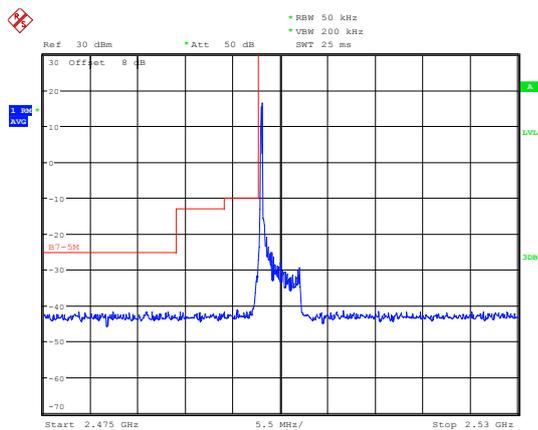## LTE Band 7 16QAM 20MHz CH-Low, 100%RB

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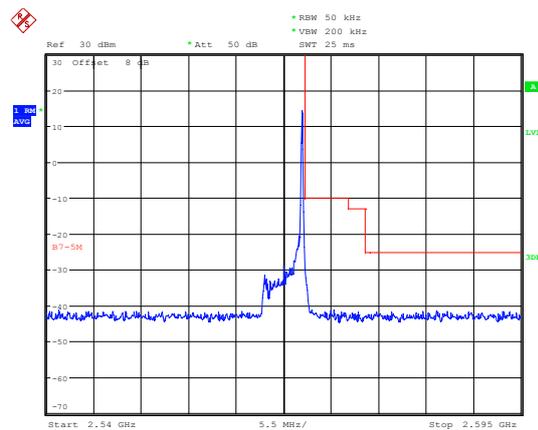
LTE Band 7 16QAM 20MHz CH-High, 100%RB

Date: 1.AUG.2019 15:39:21

LTE Band 7 64QAM 5MHz CH-Low, 1 RB

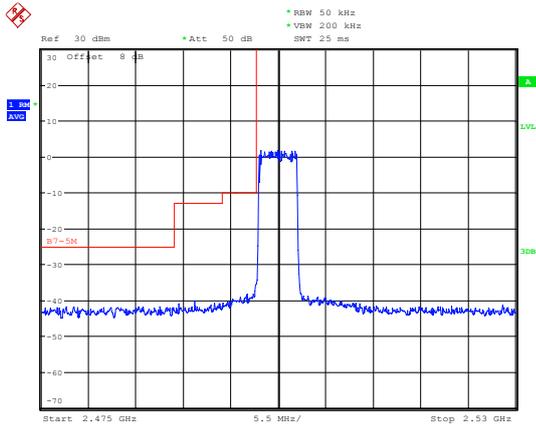
Date: 1.AUG.2019 17:58:12

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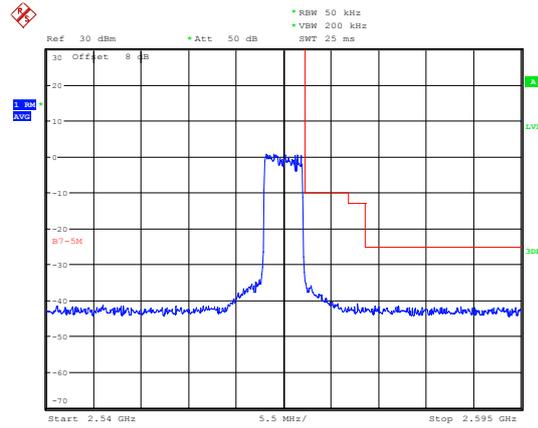

Date: 1.AUG.2019 18:03:37

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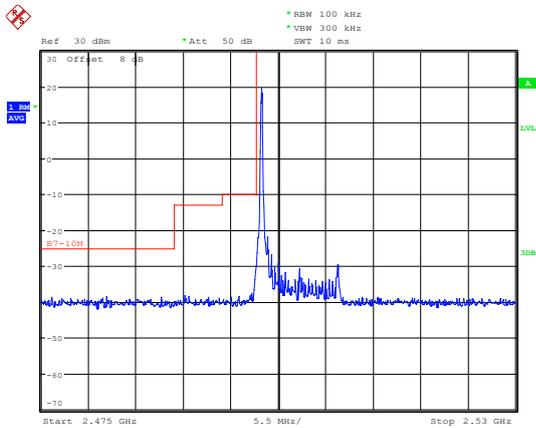

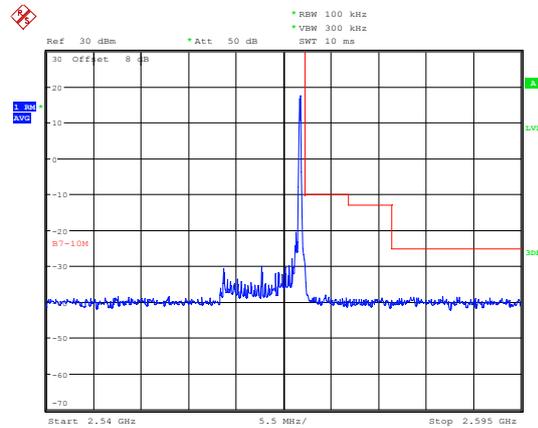Date: 1.AUG.2019 17:58:22

LTE Band 7 64QAM 5MHz CH-High, 100%RB

Date: 1.AUG.2019 18:03:43
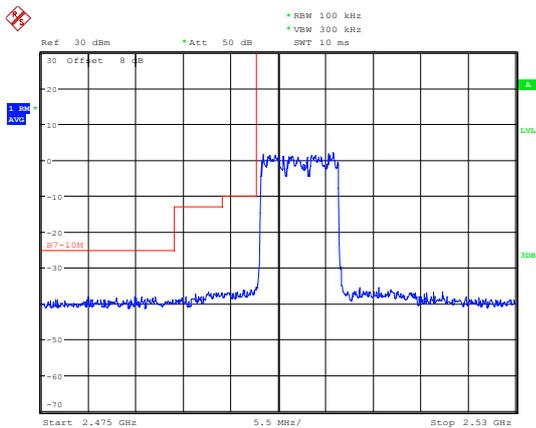
LTE Band 7 64QAM 10MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:59:06

LTE Band 7 64QAM 10MHz CH-High, 1 RB

Date: 1.AUG.2019 18:04:36

LTE Band 7 64QAM 10MHz CH-Low, 100%RB

Date: 1.AUG.2019 17:59:11

LTE Band 7 64QAM 10MHz CH-High, 100%RB

Date: 1.AUG.2019 18:04:42

LTE Band 7 64QAM 15MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:59:46

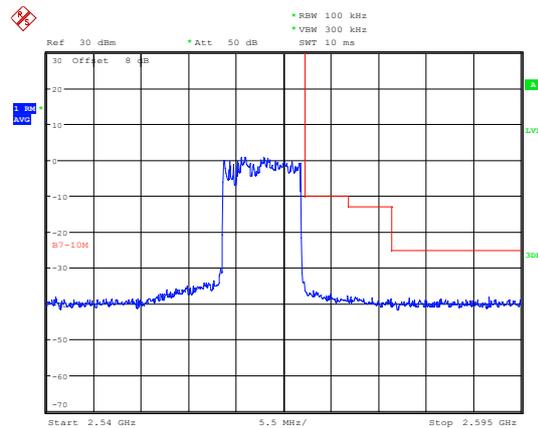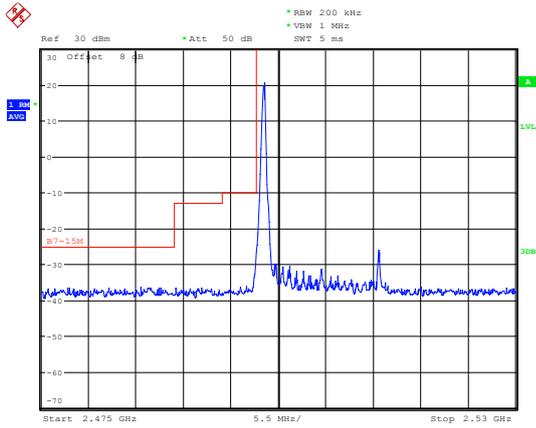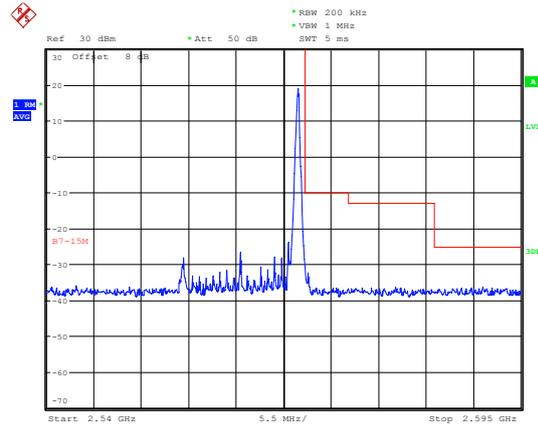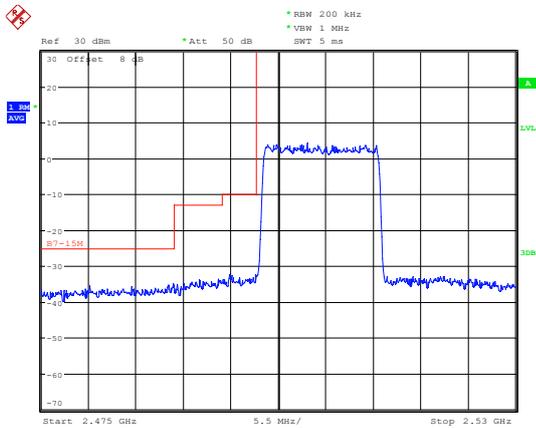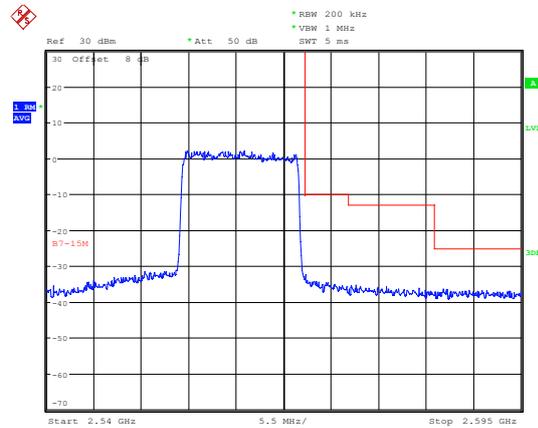## LTE Band 7 64QAM 15MHz CH-High, 1 RB

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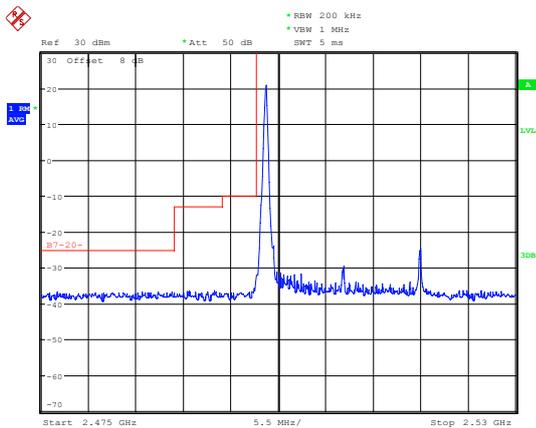## LTE Band 7 64QAM 15MHz CH-Low, 100%RB

Date: 1.AUG.2019 17:59:51

LTE Band 7 64QAM 15MHz CH-High, 100%RB
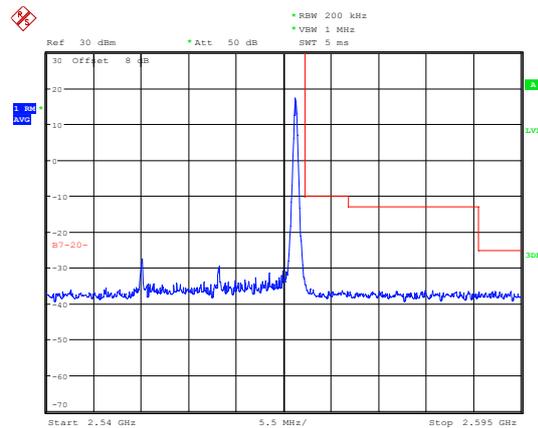

Date: 1.AUG.2019 18:02:50

LTE Band 7 64QAM 20MHz CH-Low, 1 RB

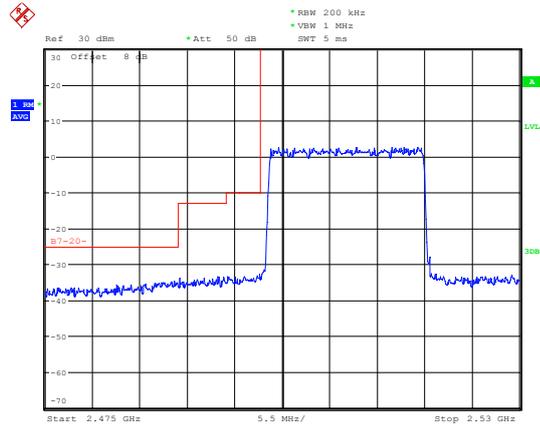Date: 1.AUG.2019 18:00:23

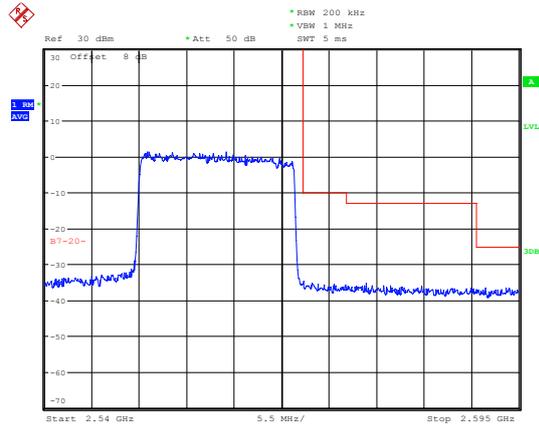## LTE Band 7 64QAM 20MHz CH-High, 1 RB

Date: 1.AUG.2019 18:01:46

| LTE Band 7 64QAM 20MHz CH-Low, 100%RB	LTE Band 7 64QAM 20MHz CH-High, 100%RB

Date: 1.AUG.2019 18:00:29

Date: 1.AUG.2019 18:01:55

Mode	Bandage(RBW=15K) (dBm)	Bandage(RBW=30K) (dBm)	Limit (dBm)
LTE Band 12 QPSK 1.4MHz CH-Low, 1 RB	-32.873	-29.863	-13
LTE Band 12 QPSK 1.4MHz CH-High, 1 RB	-33.164	-30.154	-13
LTE Band 12 QPSK 1.4MHz CH-Low, 100%RB	-36.378	-33.368	-13
LTE Band 12 QPSK 1.4MHz CH-High, 100%RB	-36.012	-33.002	-13
Note:1. Bandage(RBW=30K)= Bandage (RBW=15K) +correction factor 2.correction factor=10log(30k/15k)			

LTE Band 12 QPSK 1.4MHz CH-Low, 1 RB	LTE Band 12 QPSK 1.4MHz CH-High, 1 RB
LTE Band 12 QPSK 1.4MHz CH-Low, 100%RB	LTE Band 12 QPSK 1.4MHz CH-High, 100%RB
LTE Band 12 QPSK 3MHz CH-Low, 1 RB	LTE Band 12 QPSK 3MHz CH-High, 1 RB
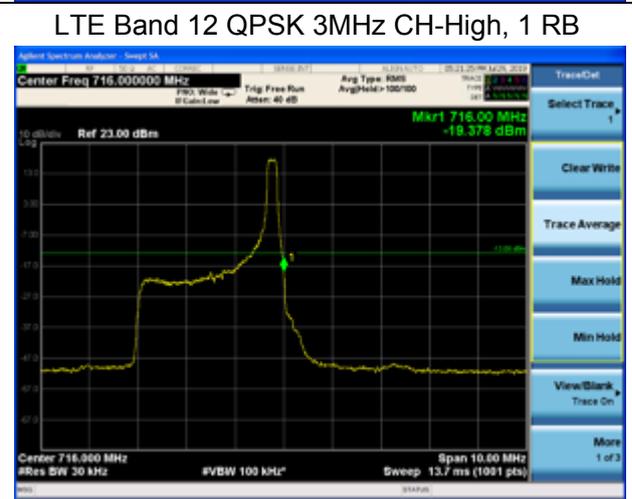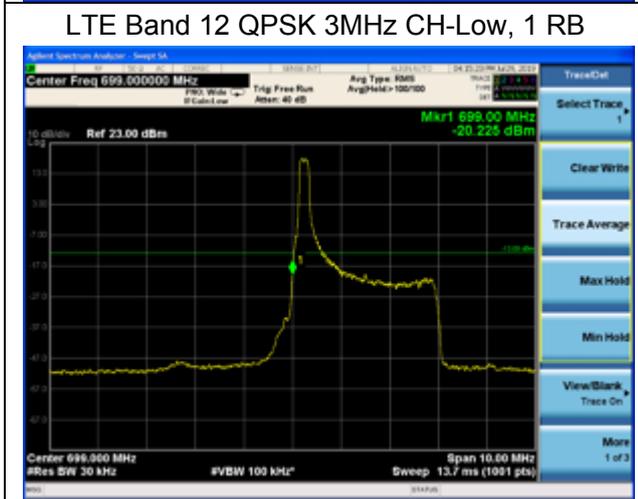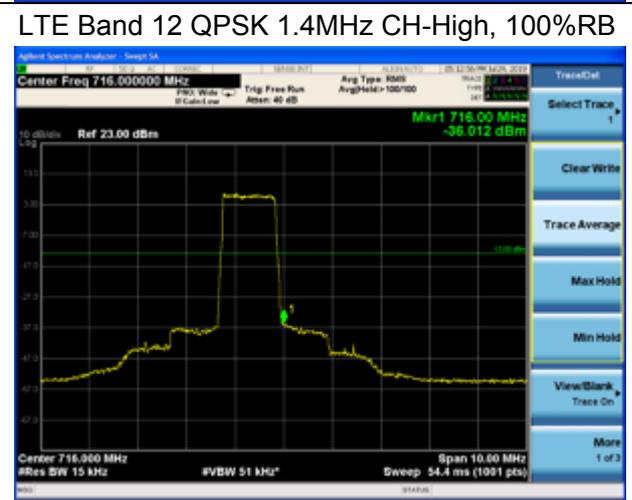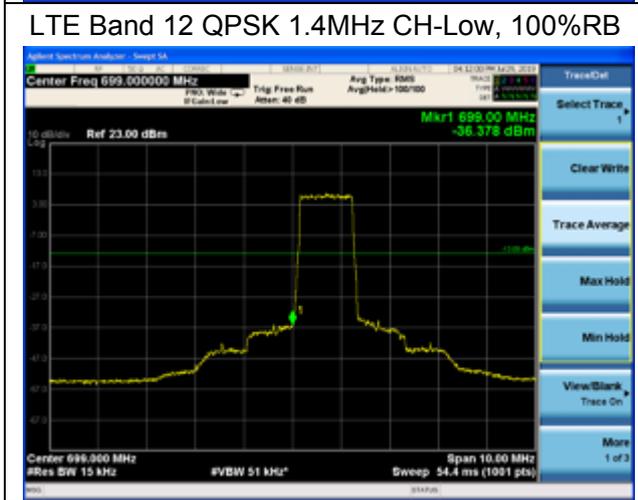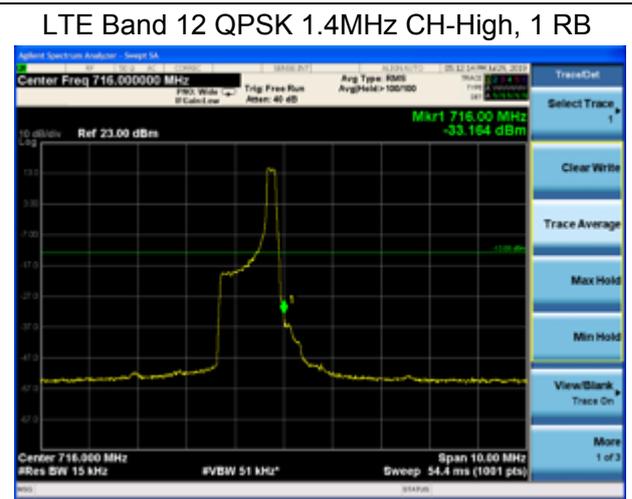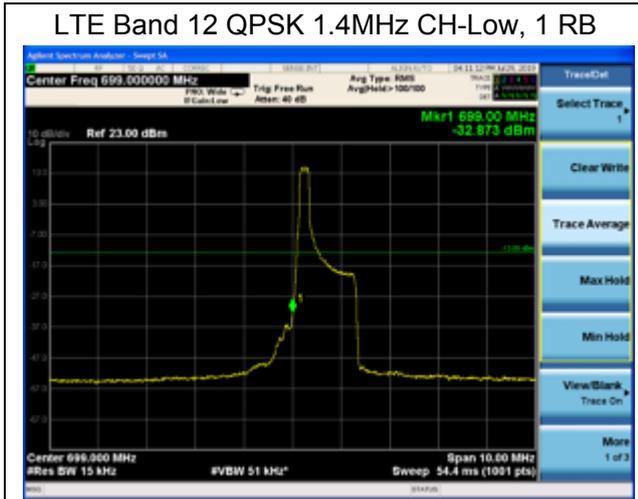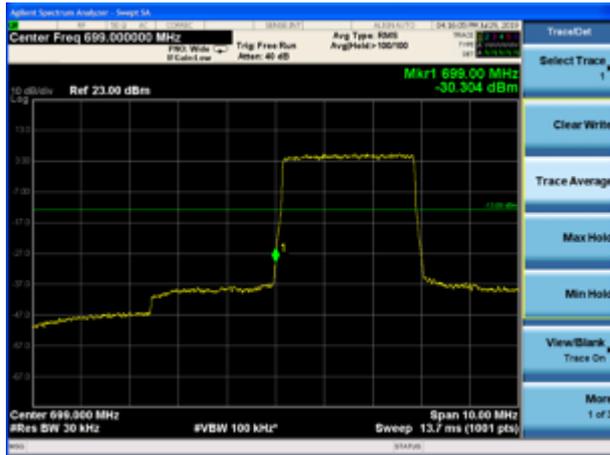
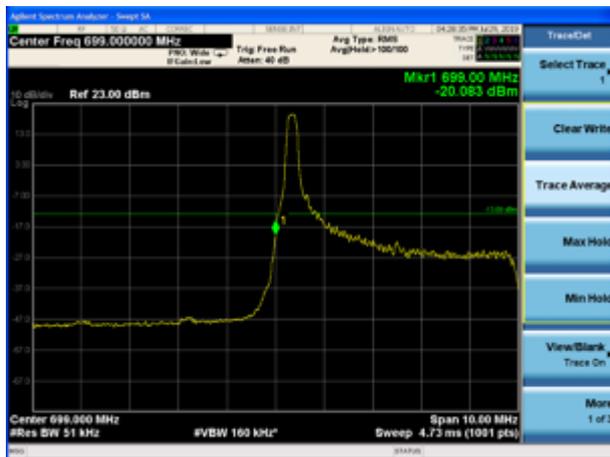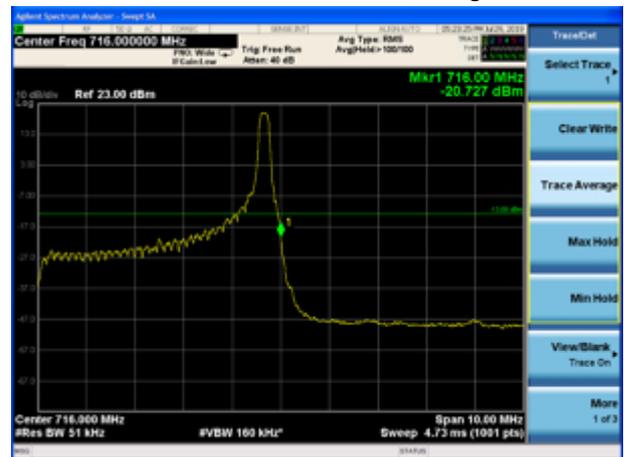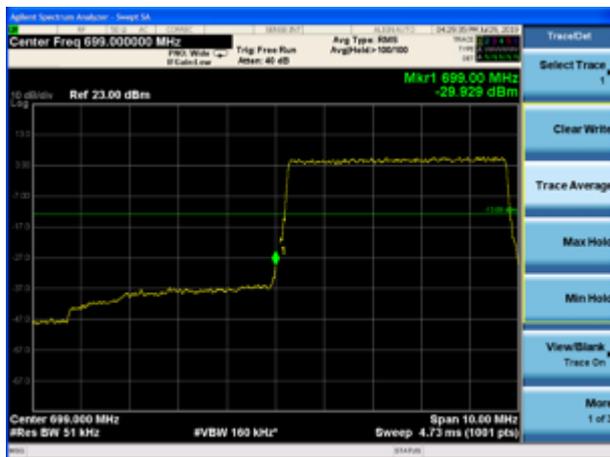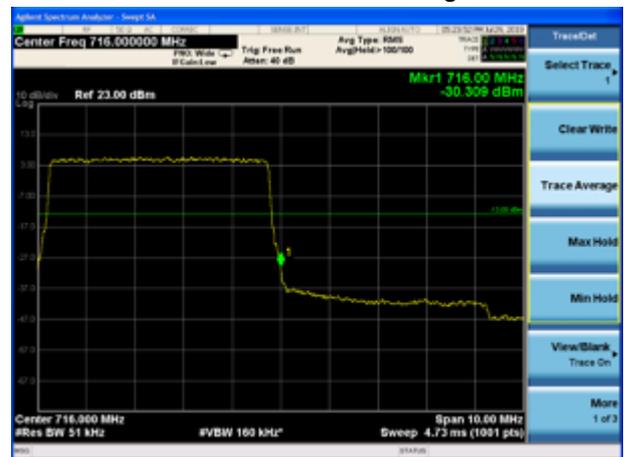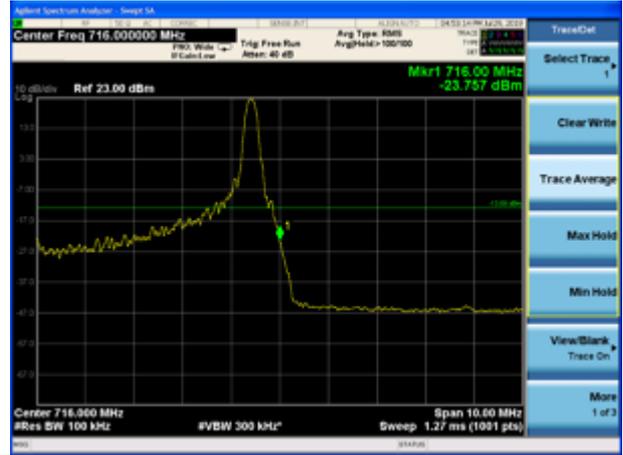| LTE Band 12 QPSK 3MHz CH-Low, 100%RB	LTE Band 12 QPSK 3MHz CH-High, 100%RB
LTE Band 12 QPSK 5MHz CH-Low, 1 RB	LTE Band 12 QPSK 5MHz CH-High, 1 RB
LTE Band 12 QPSK 5MHz CH-Low, 100%RB	LTE Band 12 QPSK 5MHz CH-High, 100%RB
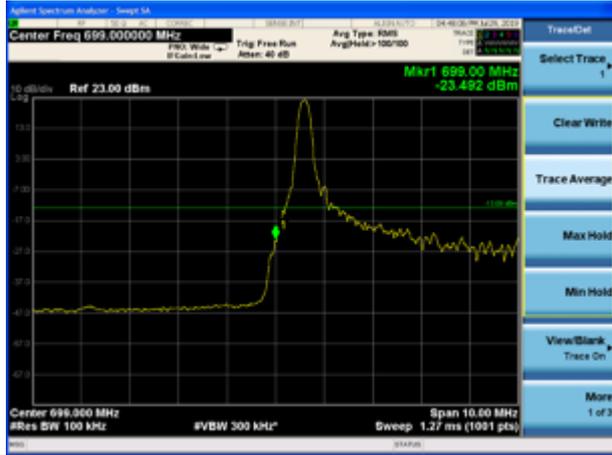
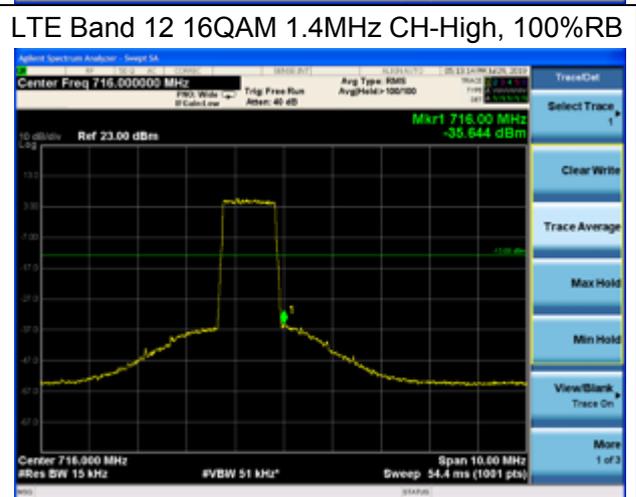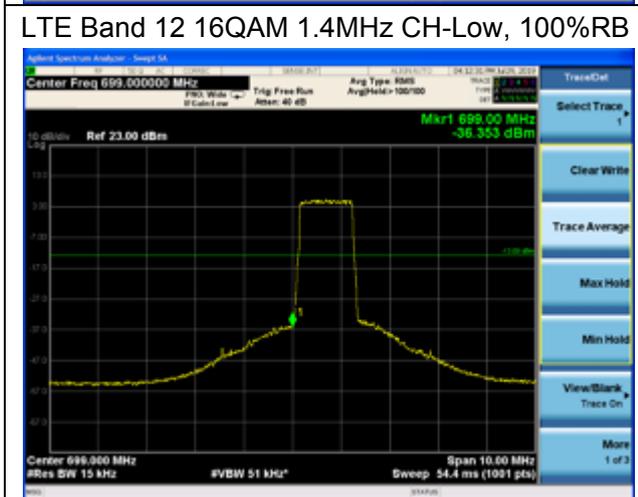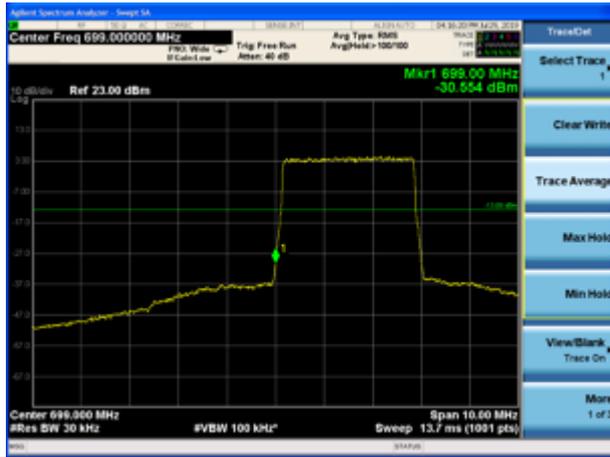| LTE Band 12 QPSK 10MHz CH-Low, 1 RB	LTE Band 12 QPSK 10MHz CH-High, 1 RB
LTE Band 12 QPSK 10MHz CH-Low, 100%RB	LTE Band 12 QPSK 10MHz CH-High, 100%RB

Mode	Bandage(RBW=15K) (dBm)	Bandage(RBW=30K) (dBm)	Limit (dBm)
LTE Band 12 16QAM 1.4MHz CH-Low, 1 RB	-34.606	-31.596	-13
LTE Band 12 16QAM 1.4MHz CH-High, 1 RB	-33.338	-30.328	-13
LTE Band 12 16QAM 1.4MHz CH-Low, 100%RB	-36.353	-33.343	-13
LTE Band 12 16QAM 1.4MHz CH-High, 100%RB	-35.644	-32.634	-13
Note:1. Bandage(RBW=30K)= Bandage (RBW=15K) +correction factor 2.correction factor=10log(30k/15k)			

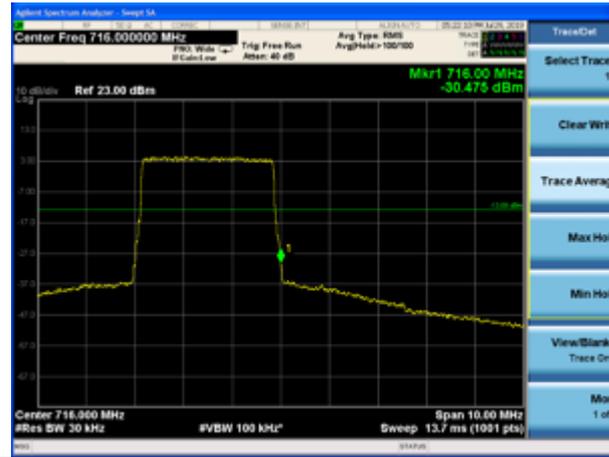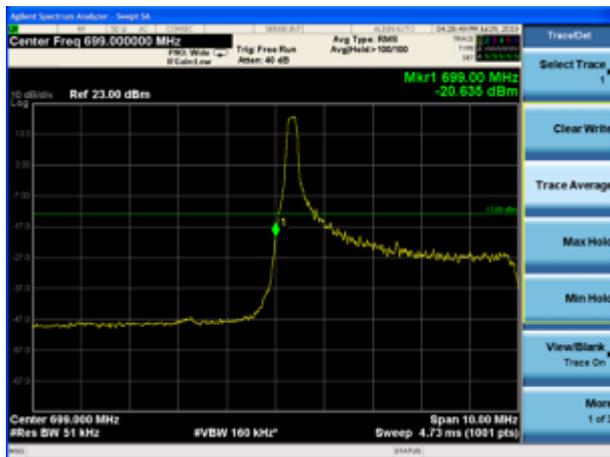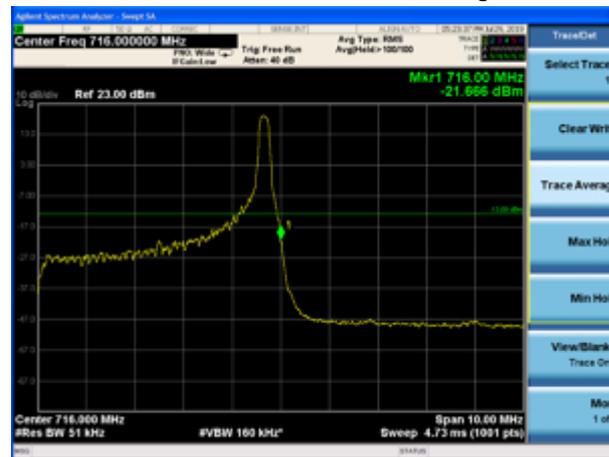| LTE Band 12 16QAM 1.4MHz CH-Low, 1 RB	LTE Band 12 16QAM 1.4MHz CH-High, 1 RB
LTE Band 12 16QAM 1.4MHz CH-Low, 100%RB	LTE Band 12 16QAM 1.4MHz CH-High, 100%RB
LTE Band 12 16QAM 3MHz CH-Low, 1 RB	LTE Band 12 16QAM 3MHz CH-High, 1 RB

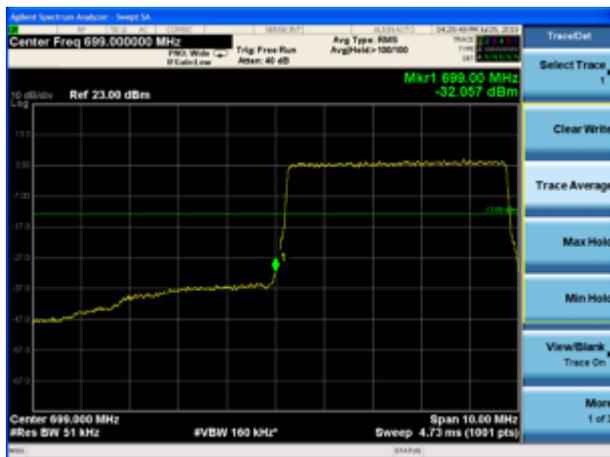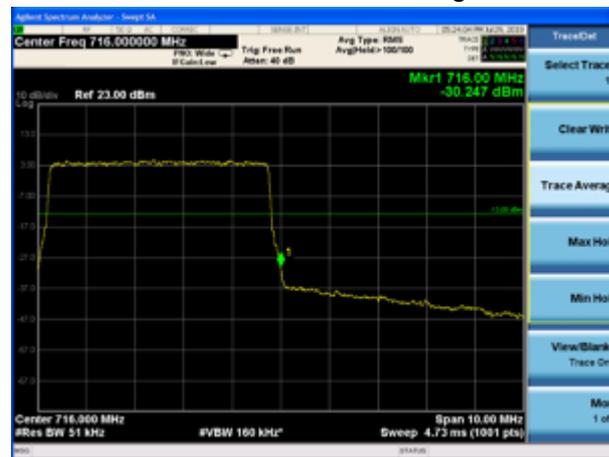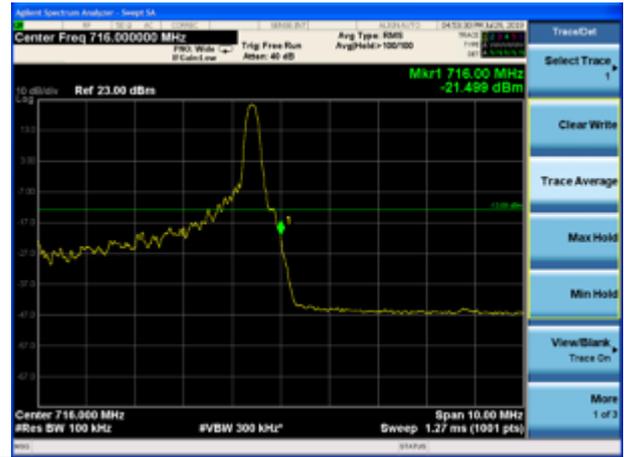| LTE Band 12 16QAM 3MHz CH-Low, 100%RB	LTE Band 12 16QAM 3MHz CH-High, 100%RB
LTE Band 12 16QAM 5MHz CH-Low, 1 RB	LTE Band 12 16QAM 5MHz CH-High, 1 RB
LTE Band 12 16QAM 5MHz CH-Low, 100%RB	LTE Band 12 16QAM 5MHz CH-High, 100%RB

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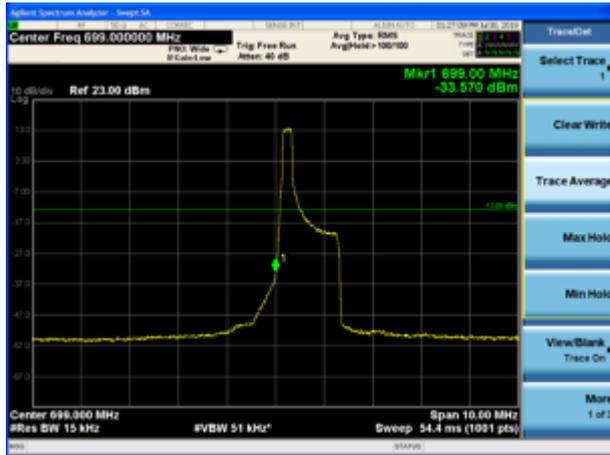| LTE Band 12 16QAM 10MHz CH-Low, 1 RB	LTE Band 12 16QAM 10MHz CH-High, 1 RB
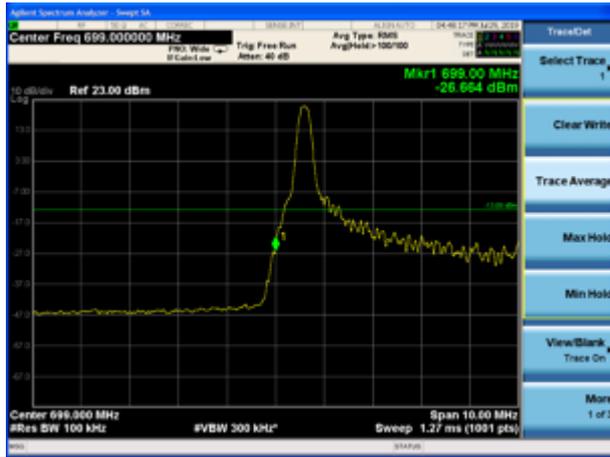
LTE Band 12 16QAM 10MHz CH-Low, 100%RB	LTE Band 12 16QAM 10MHz CH-High, 100%RB
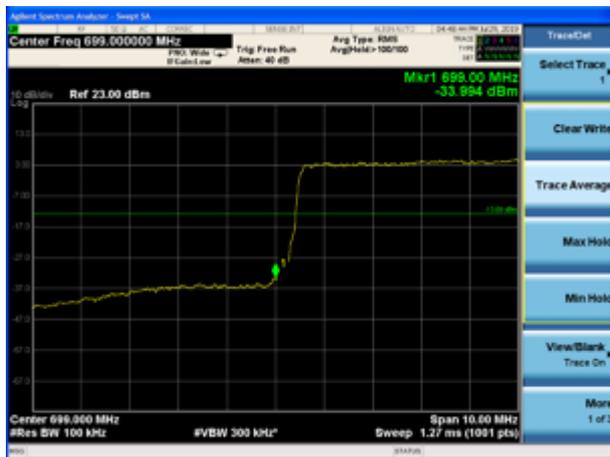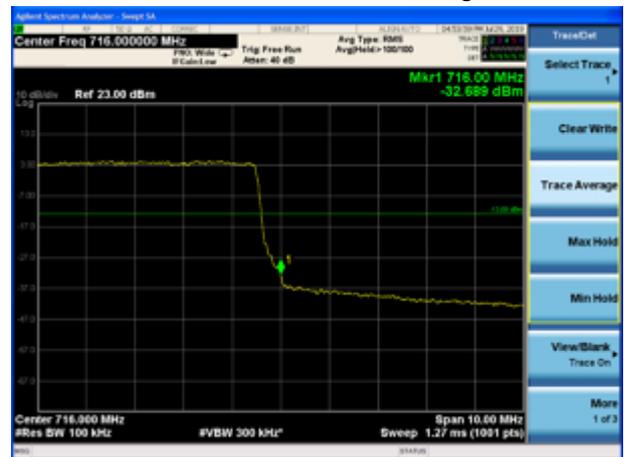
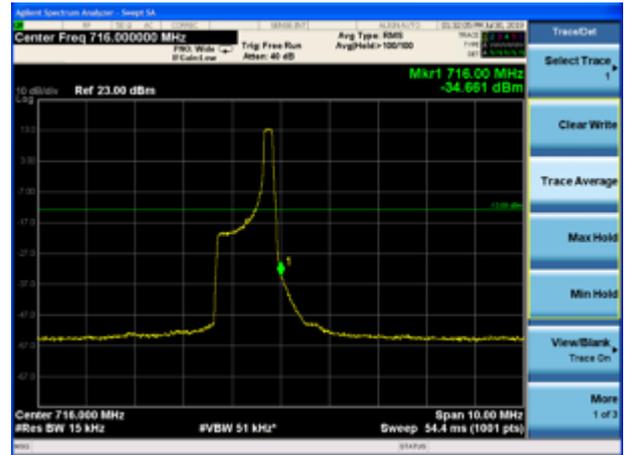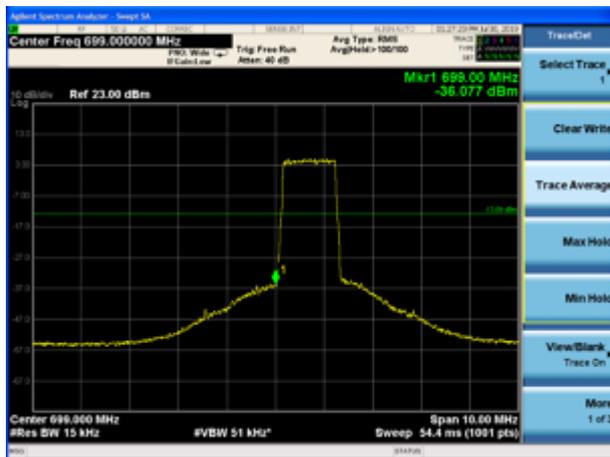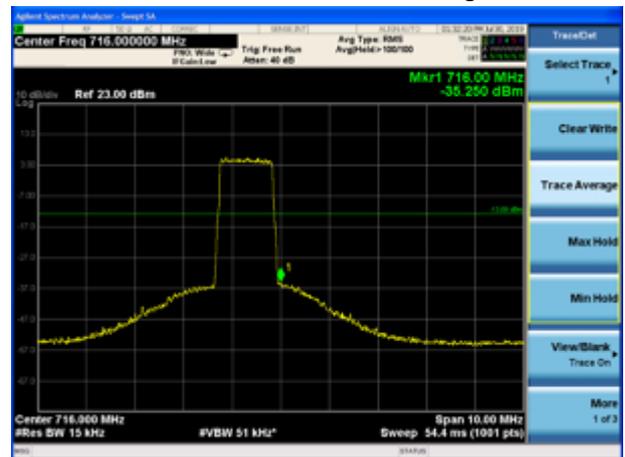| Mode	Bandage(RBW=15K) (dBm)	Bandage(RBW=30K) (dBm)	Limit (dBm)
LTE Band 12 64QAM 1.4MHz CH-Low, 1 RB	-33.570	-30.560	-13
LTE Band 12 64QAM 1.4MHz CH-High, 1 RB	-34.661	-31.651	-13
LTE Band 12 64QAM 1.4MHz CH-Low, 100%RB	-36.077	-33.067	-13
LTE Band 12 64QAM 1.4MHz CH-High, 100%RB	-35.250	-32.240	-13
Note:1. Bandage(RBW=30K)= Bandage (RBW=15K) +correction factor 2.correction factor=10log(30k/15k)			

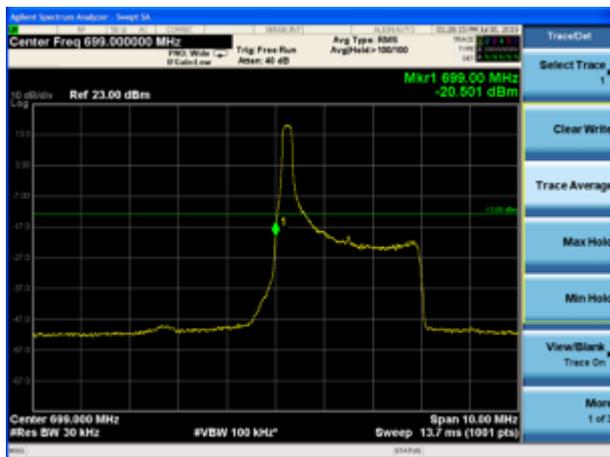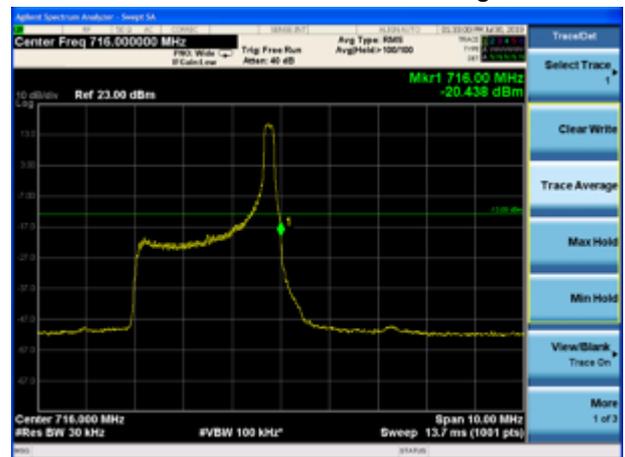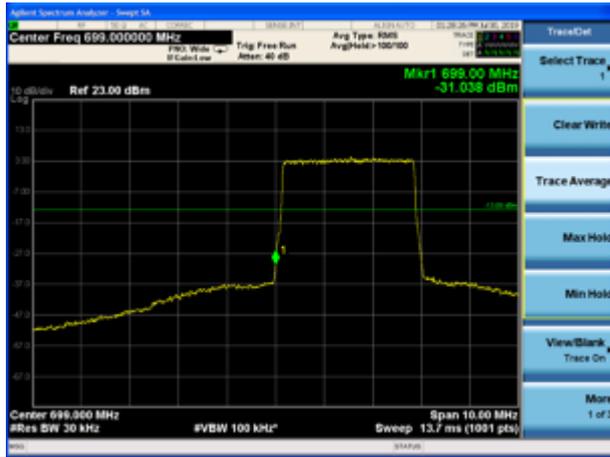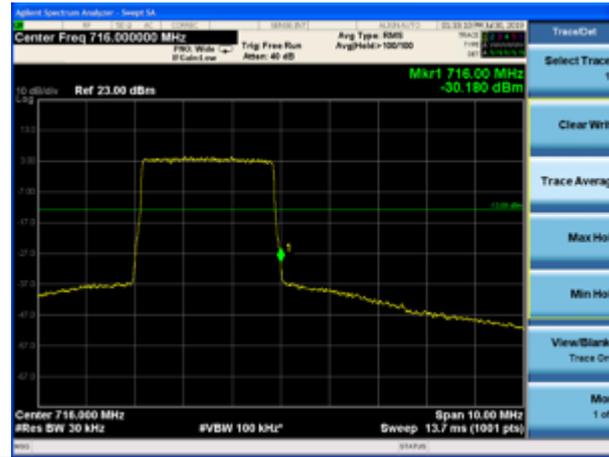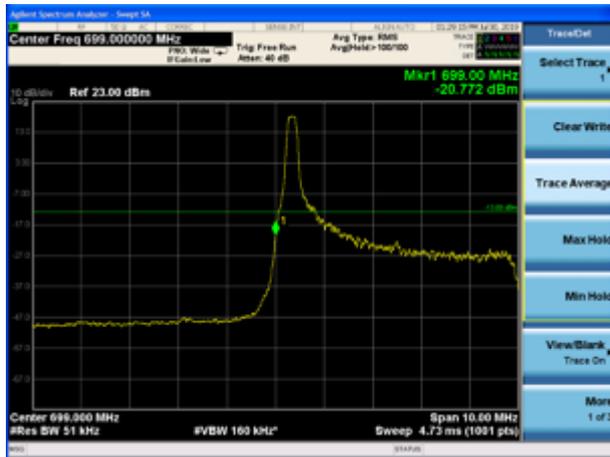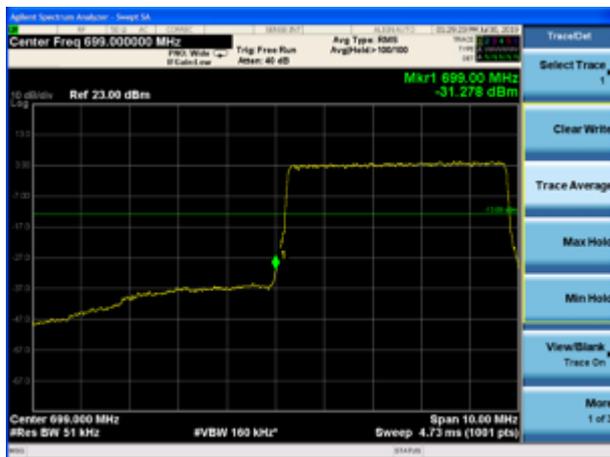| LTE Band 12 64QAM 1.4MHz CH-Low, 1 RB	LTE Band 12 64QAM 1.4MHz CH-High, 1 RB
LTE Band 12 64QAM 1.4MHz CH-Low, 100%RB	LTE Band 12 64QAM 1.4MHz CH-High, 100%RB
LTE Band 12 64QAM 3MHz CH-Low, 1 RB	LTE Band 12 64QAM 3MHz CH-High, 1 RB

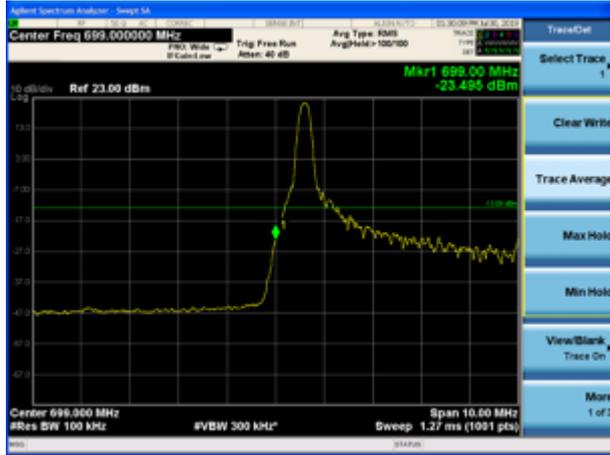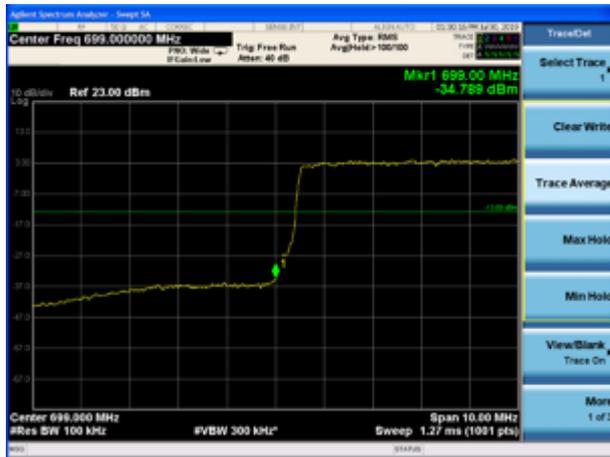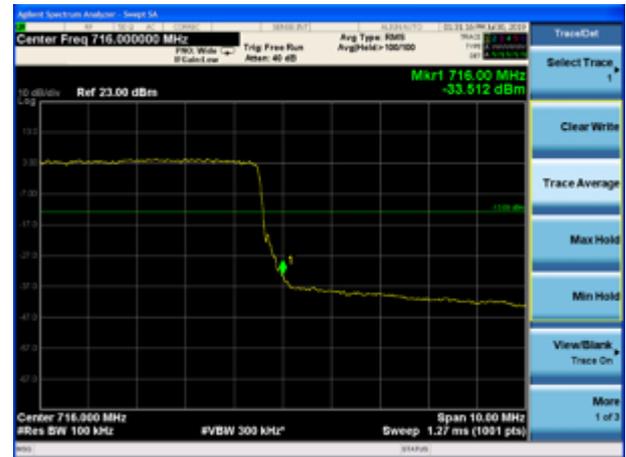| LTE Band 12 64QAM 3MHz CH-Low, 100%RB	LTE Band 12 64QAM 3MHz CH-High, 100%RB
LTE Band 12 64QAM 5MHz CH-Low, 1 RB	LTE Band 12 64QAM 5MHz CH-High, 1 RB
LTE Band 12 64QAM 5MHz CH-Low, 100%RB	LTE Band 12 64QAM 5MHz CH-High, 100%RB

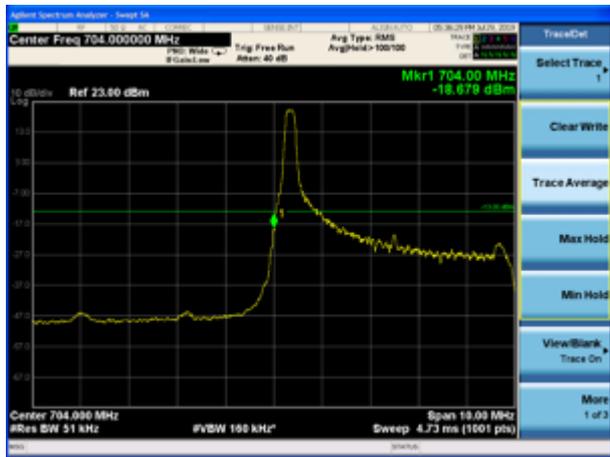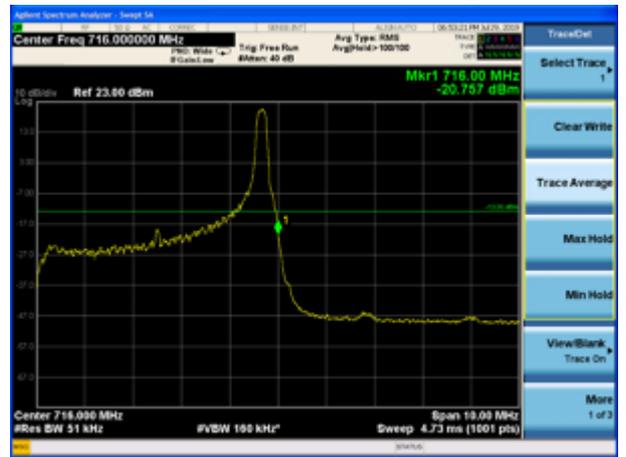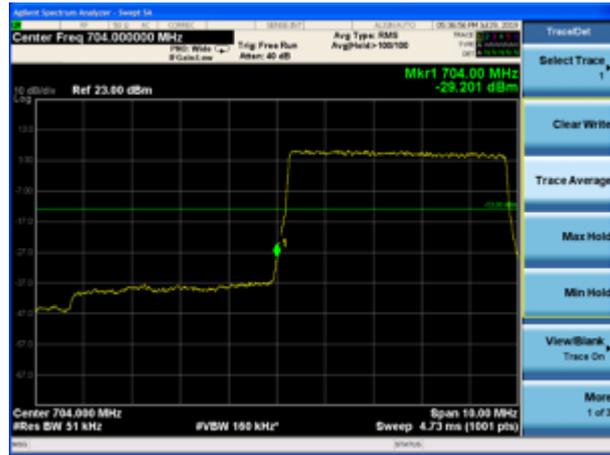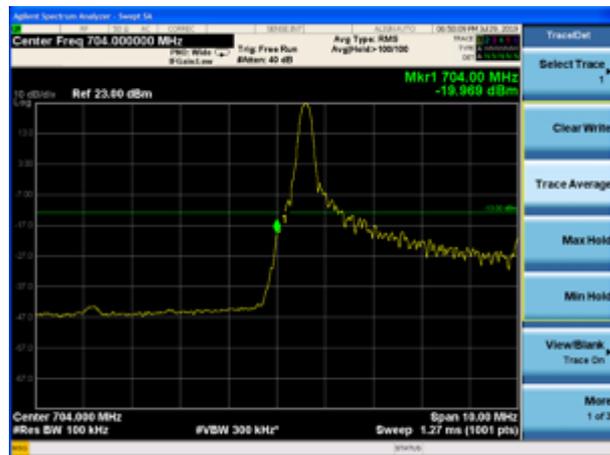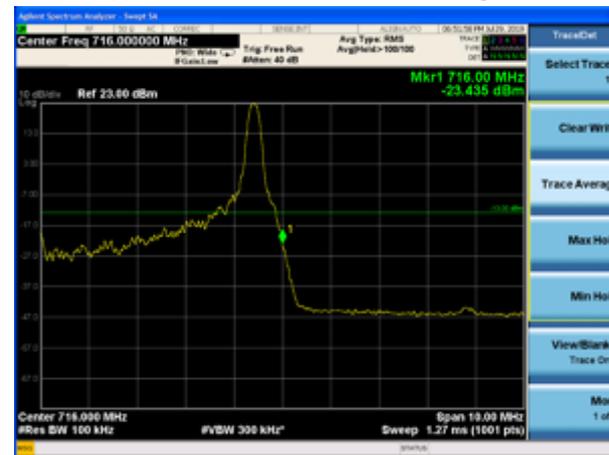| LTE Band 12 64QAM 10MHz CH-Low, 1 RB	LTE Band 12 64QAM 10MHz CH-High, 1 RB
LTE Band 12 64QAM 10MHz CH-Low, 100%RB	LTE Band 12 64QAM 10MHz CH-High, 100%RB
LTE Band 17 QPSK 5MHz CH-Low, 1 RB	LTE Band 17 QPSK 5MHz CH-High, 1 RB

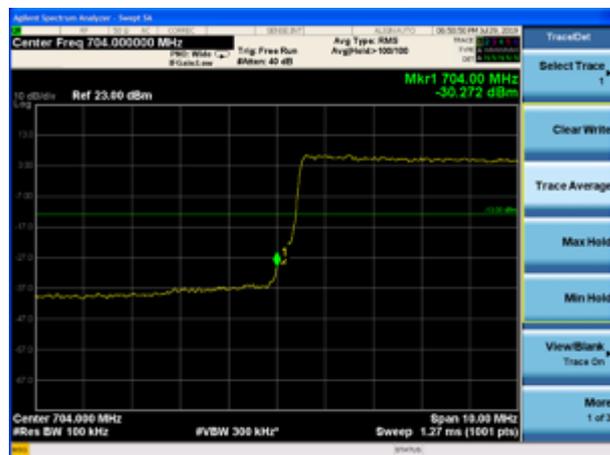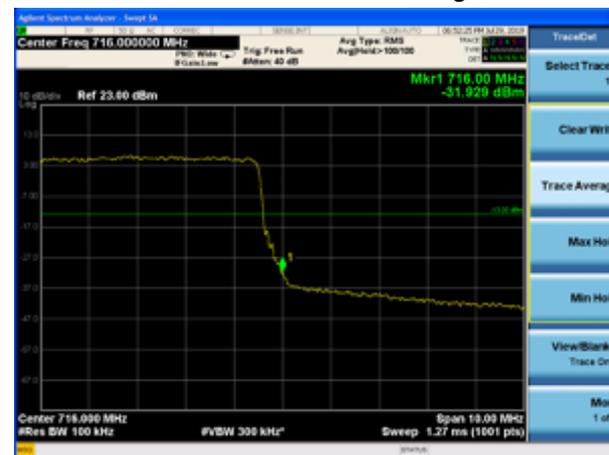| LTE Band 17 QPSK 5MHz CH-Low, 100%RB	LTE Band 17 QPSK 5MHz CH-High, 100%RB
LTE Band 17 QPSK 10MHz CH-Low, 1 RB	LTE Band 17 QPSK 10MHz CH-High, 1 RB
LTE Band 17 QPSK 10MHz CH-Low, 100%RB	LTE Band 17 QPSK 10MHz CH-High, 100%RB

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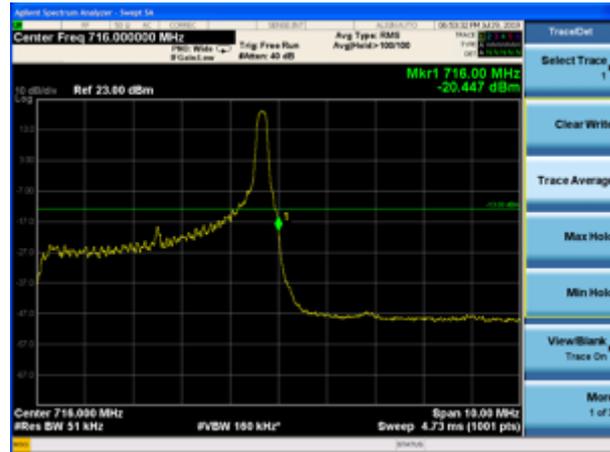
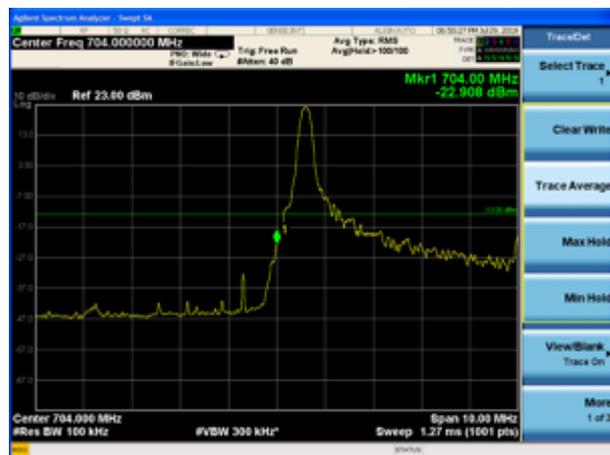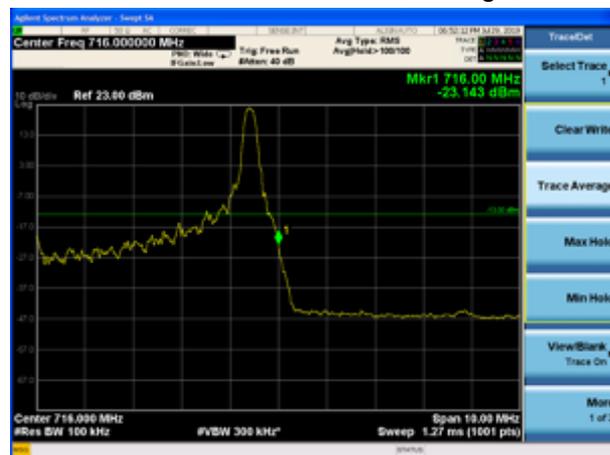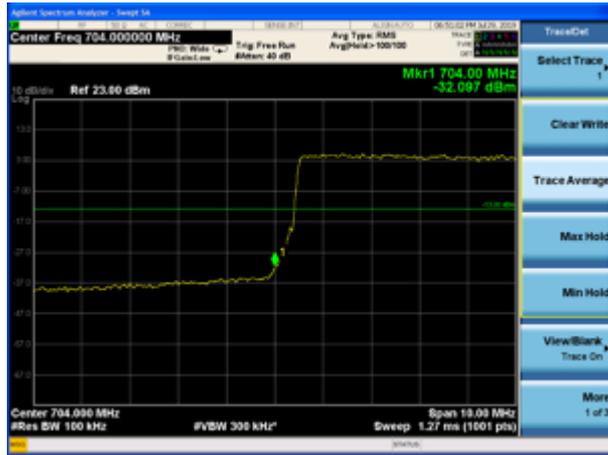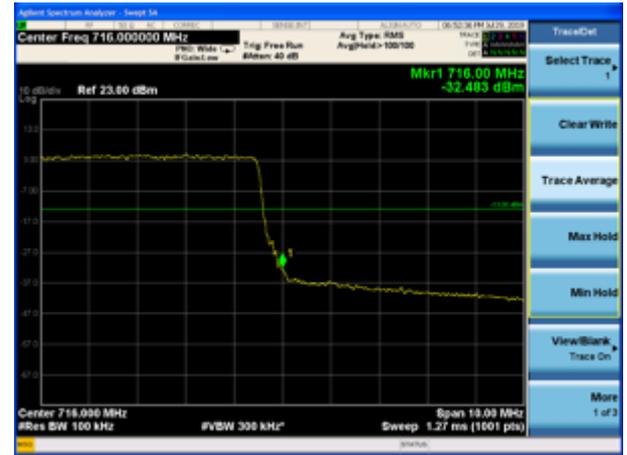| LTE Band 17 16QAM 5MHz CH-Low, 1 RB	LTE Band 17 16QAM 5MHz CH-High, 1 RB
LTE Band 17 16QAM 5MHz CH-Low, 100%RB	LTE Band 17 16QAM 5MHz CH-High, 100%RB
LTE Band 17 16QAM 10MHz CH-Low, 1 RB	LTE Band 17 16QAM 10MHz CH-High, 1 RB

LTE Band 17 16QAM 10MHz CH-Low, 100%RB	LTE Band 17 16QAM 10MHz CH-High, 100%RB
LTE Band 17 64QAM 5MHz CH-Low, 1 RB	**LTE Band 17 64QAM 5MHz CH-High, 1 RB**
LTE Band 17 64QAM 5MHz CH-Low, 100%RB	**LTE Band 17 64QAM 5MHz CH-High, 100%RB**

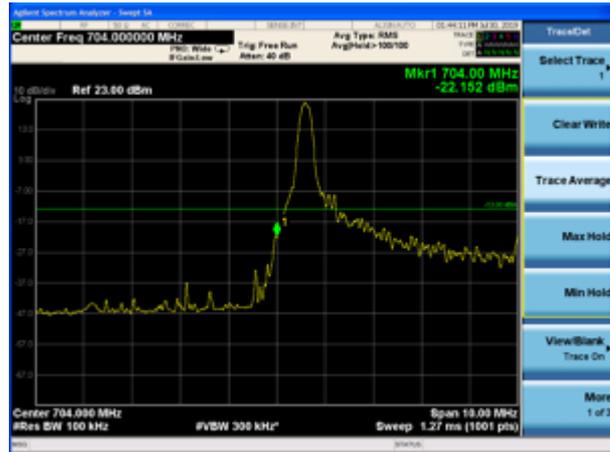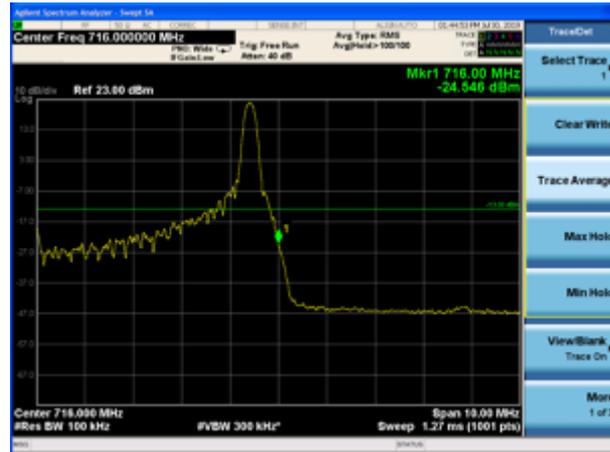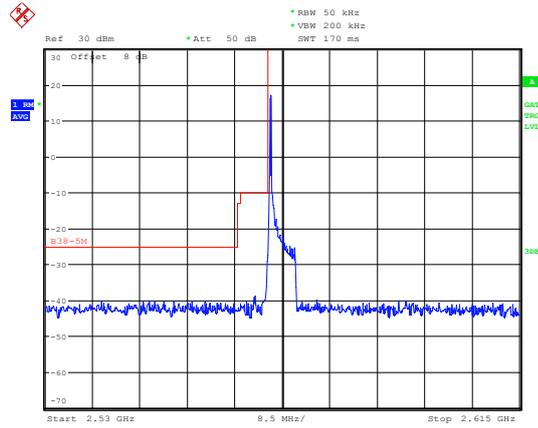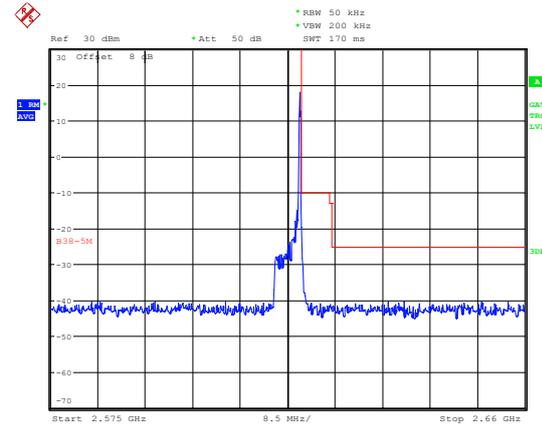| LTE Band 17 64QAM 10MHz CH-Low, 1 RB	LTE Band 17 64QAM 10MHz CH-High, 1 RB
LTE Band 17 64QAM 10MHz CH-Low, 100%RB	LTE Band 17 64QAM 10MHz CH-High, 100%RB

LTE Band 38 QPSK 5MHz CH-Low, 1 RB
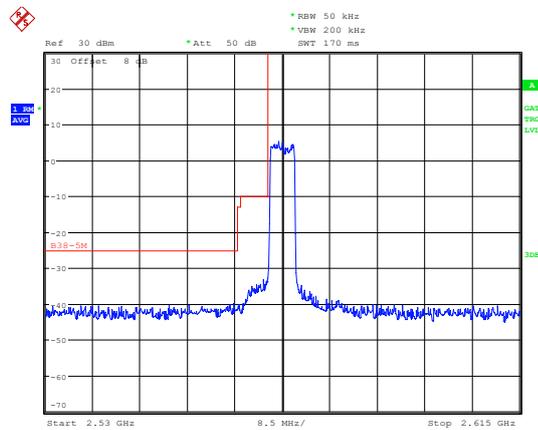

Date: 1.AUG.2019 15:50:06

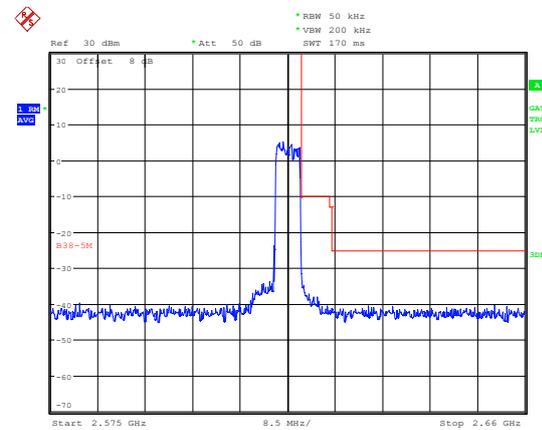## LTE Band 38 QPSK 5MHz CH-High, 1 RB

Date: 1.AUG.2019 16:46:26

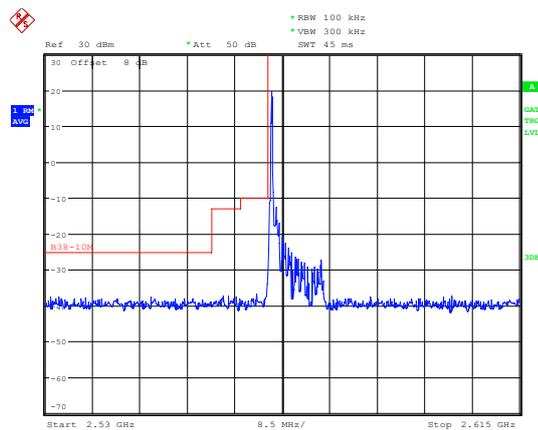## LTE Band 38 QPSK 5MHz CH-Low, 100%RB

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LTE Band 38 QPSK 5MHz CH-High, 100%RB
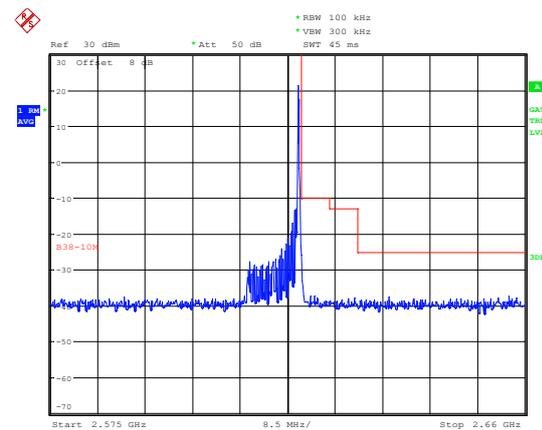

Date: 1.AUG.2019 16:47:03

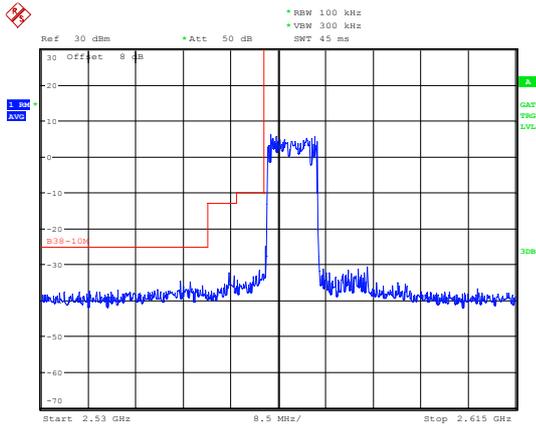## LTE Band 38 QPSK 10MHz CH-Low, 1 RB

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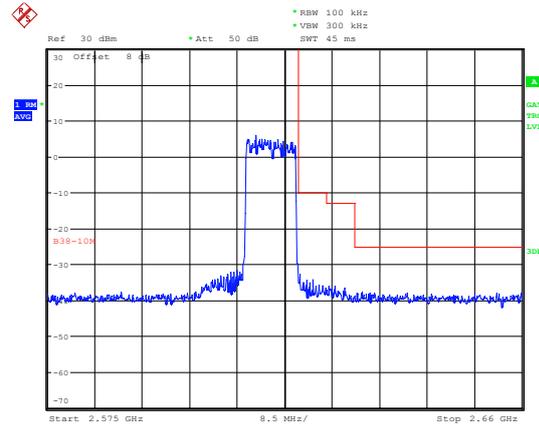

Date: 1.AUG.2019 16:48:02

LTE Band 38 QPSK 10MHz CH-Low, 100%RB
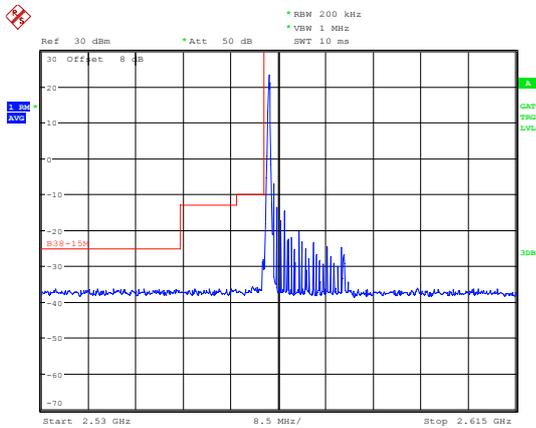

Date: 1.AUG.2019 16:02:32

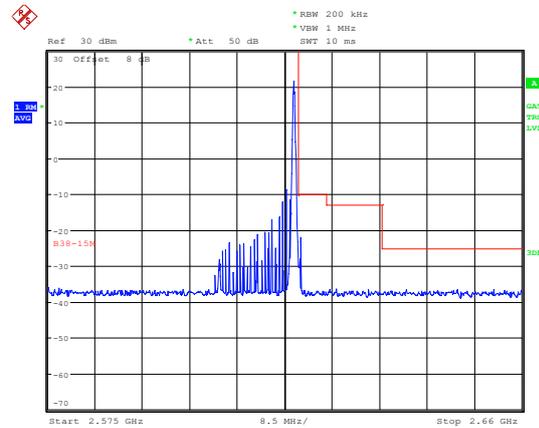## LTE Band 38 QPSK 10MHz CH-High, 100%RB

Date: 1.AUG.2019 16:48:43

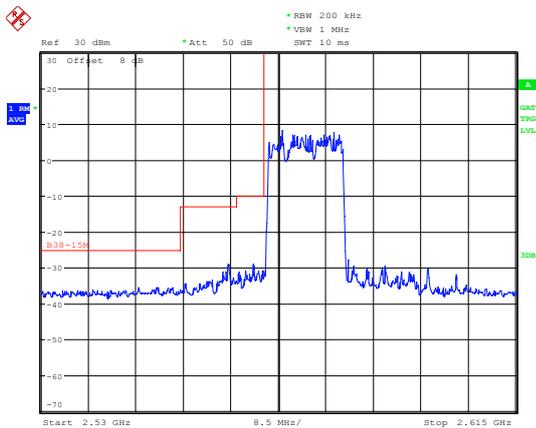## LTE Band 38 QPSK 15MHz CH-Low, 1 RB

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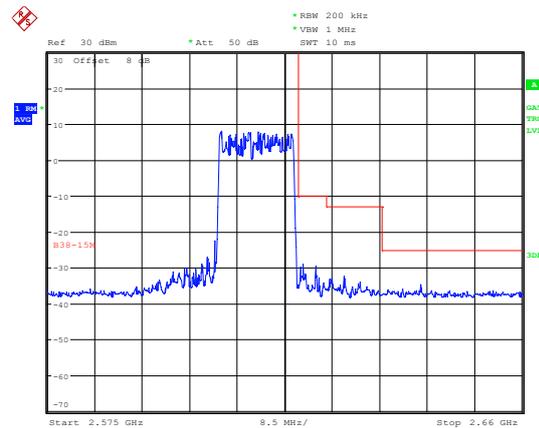
LTE Band 38 QPSK 15MHz CH-High, 1 RB

Date: 1.AUG.2019 16:42:26

LTE Band 38 QPSK 15MHz CH-Low, 100%RB

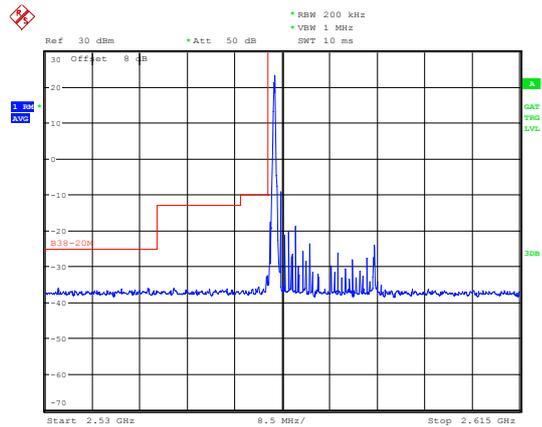Date: 1.AUG.2019 16:04:11

LTE Band 38 QPSK 15MHz CH-High, 100%RB
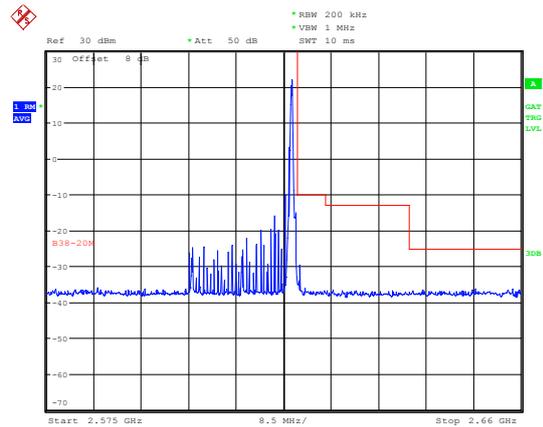

Date: 1.AUG.2019 16:42:55

LTE Band 38 QPSK 20MHz CH-Low, 1 RB
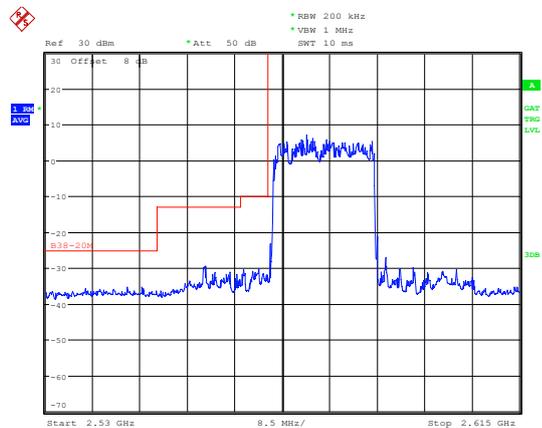

Date: 1.AUG.2019 16:06:06

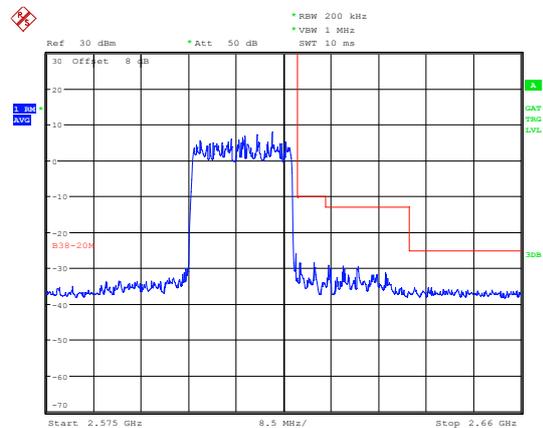## LTE Band 38 QPSK 20MHz CH-High, 1 RB

Date: 1.AUG.2019 16:40:58

LTE Band 38 QPSK 20MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:06:36

LTE Band 38 QPSK 20MHz CH-High, 100%RB

Date: 1.AUG.2019 16:41:27

LTE Band 38 16QAM 5MHz CH-Low, 1 RB

Date: 1.AUG.2019 15:50:25

LTE Band 38 16QAM 5MHz CH-High, 1 RB

Date: 1.AUG.2019 16:46:48

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LTE Band 38 16QAM 5MHz CH-Low, 100%RB
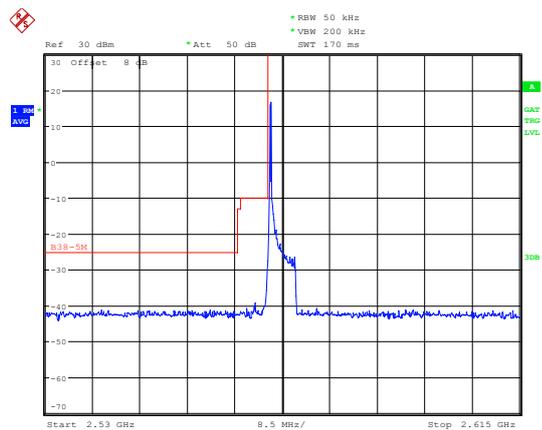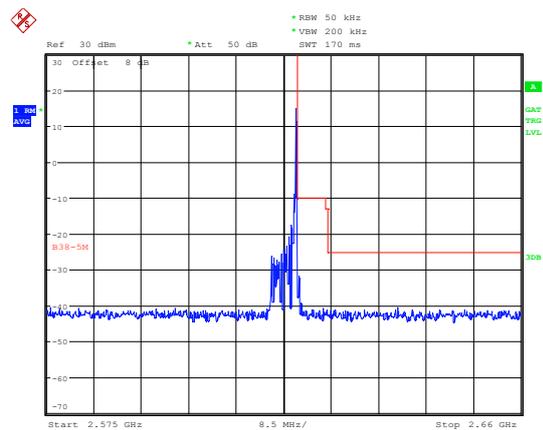

Date: 1.AUG.2019 15:50:54

LTE Band 38 16QAM 5MHz CH-High, 100%RB

Date: 1.AUG.2019 16:47:15

LTE Band 38 16QAM 10MHz CH-Low, 1 RB
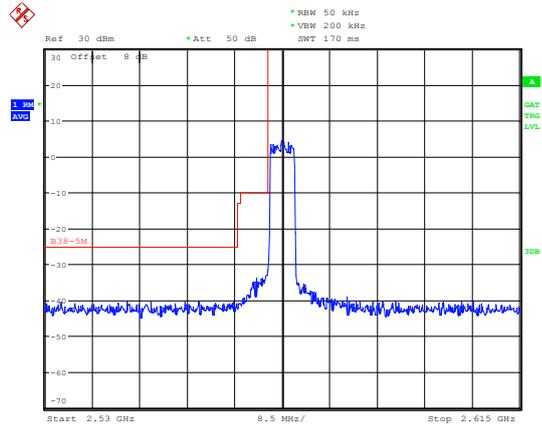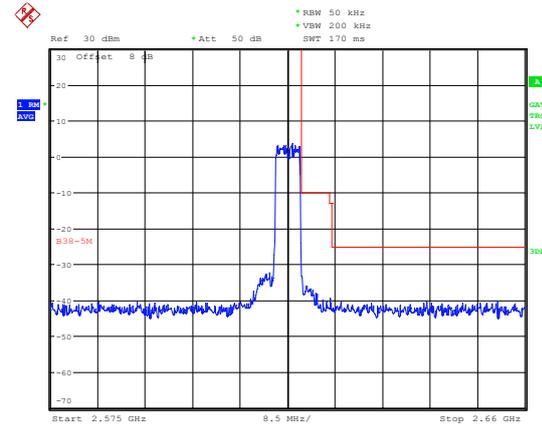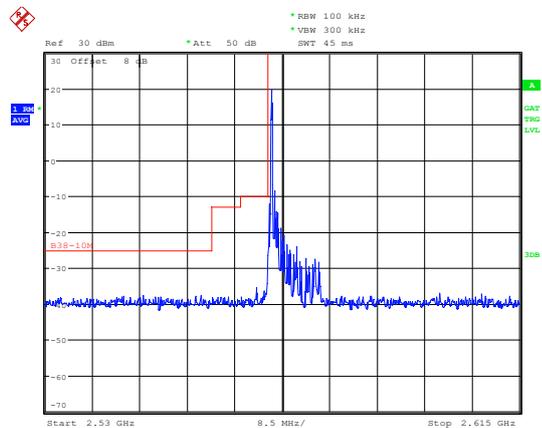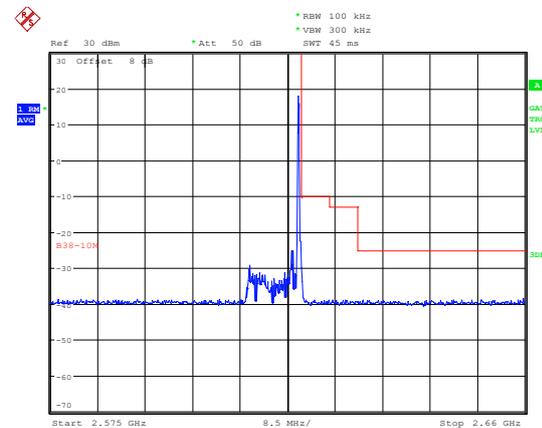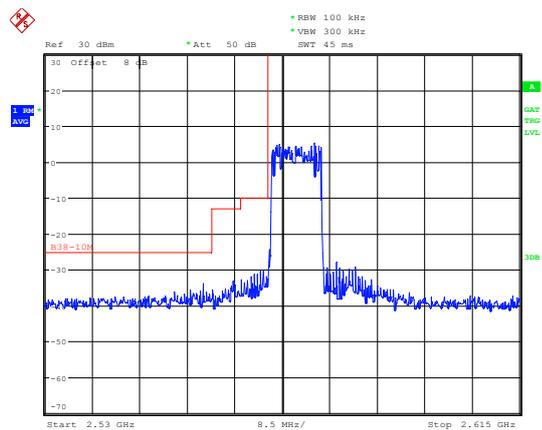

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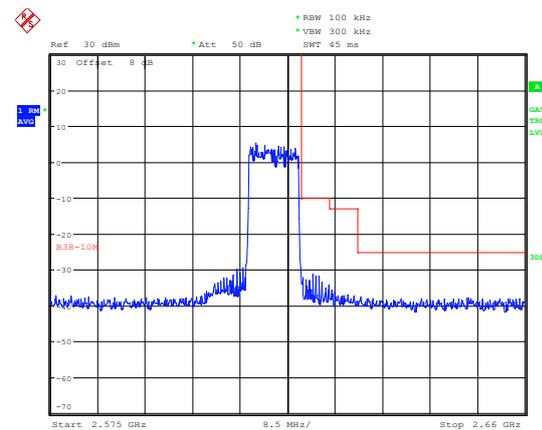## LTE Band 38 16QAM 10MHz CH-High, 1 RB

Date: 1.AUG.2019 16:48:25

LTE Band 38 16QAM 10MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:02:45

LTE Band 38 16QAM 10MHz CH-High, 100%RB

Date: 1.AUG.2019 16:48:58

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LTE Band 38 16QAM 15MHz CH-Low, 1 RB

Date: 1.AUG.2019 16:03:51

LTE Band 38 16QAM 15MHz CH-High, 1 RB

Date: 1.AUG.2019 16:42:37

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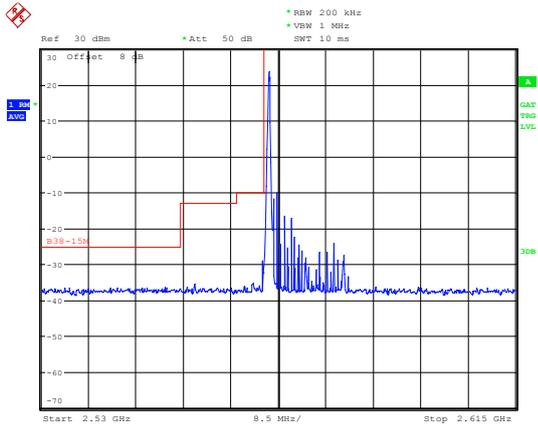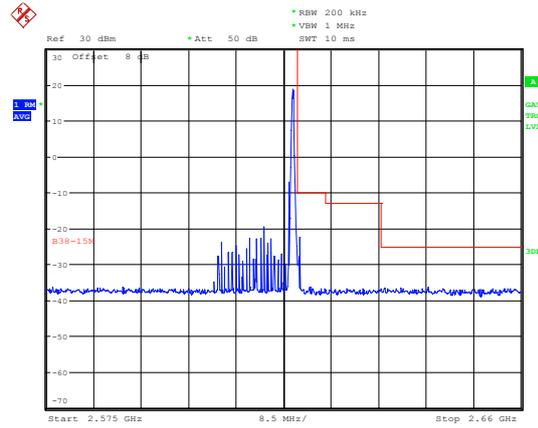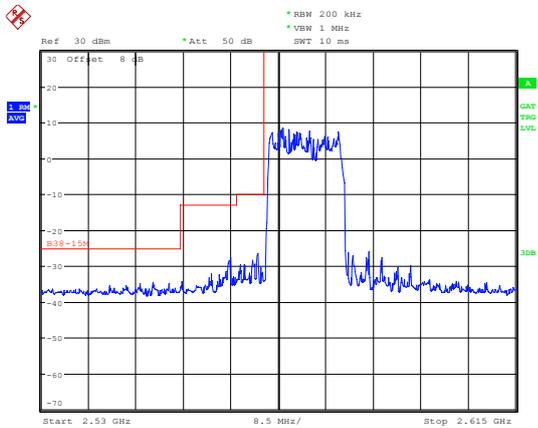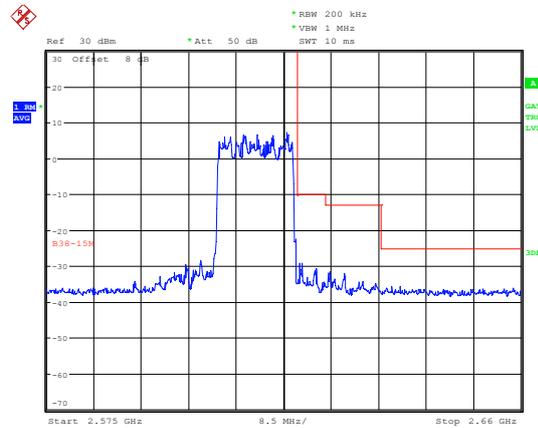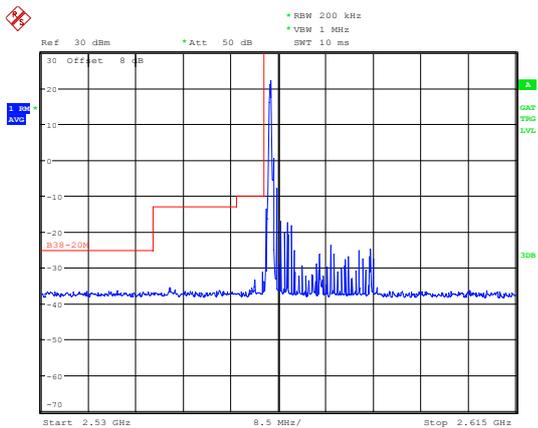

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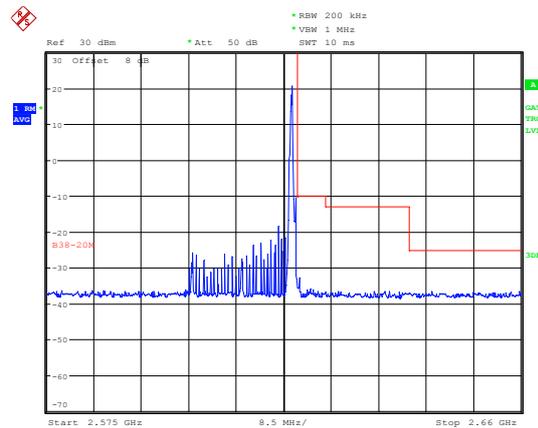## LTE Band 38 16QAM 15MHz CH-High, 100%RB

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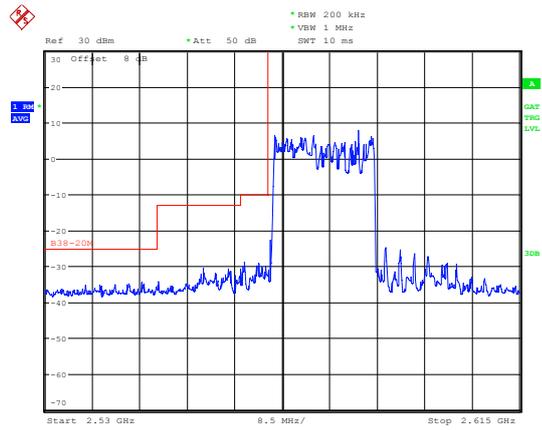

Date: 1.AUG.2019 16:06:19

LTE Band 38 16QAM 20MHz CH-High, 1 RB

Date: 1.AUG.2019 16:41:11

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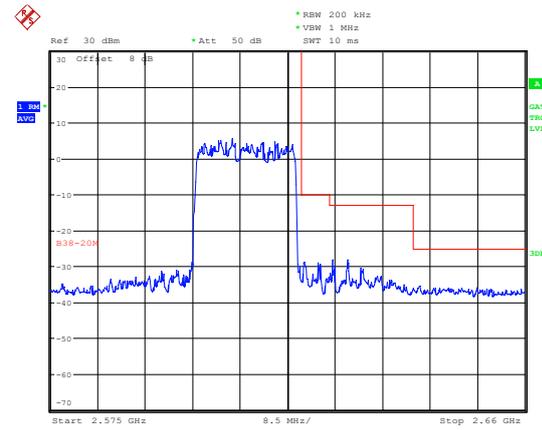
LTE Band 38 16QAM 20MHz CH-Low, 100%RB
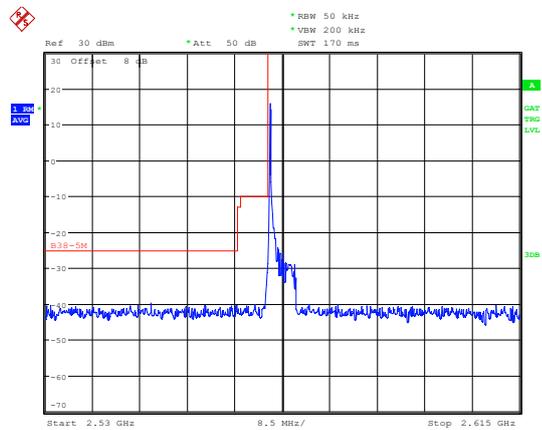

Date: 1.AUG.2019 16:06:46

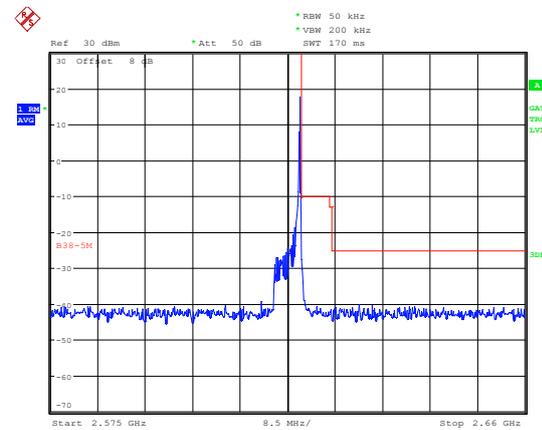## LTE Band 38 16QAM 20MHz CH-High, 100%RB

Date: 1.AUG.2019 16:41:38

LTE Band 38 64QAM 5MHz CH-Low, 1 RB
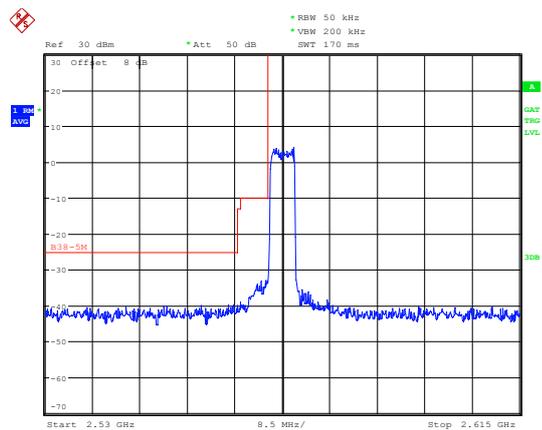

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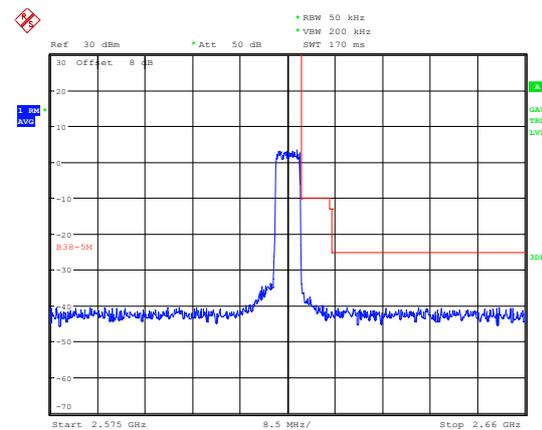## LTE Band 38 64QAM 5MHz CH-High, 1 RB

Date: 1.AUG.2019 17:55:28

LTE Band 38 64QAM 5MHz CH-Low, 100%RB
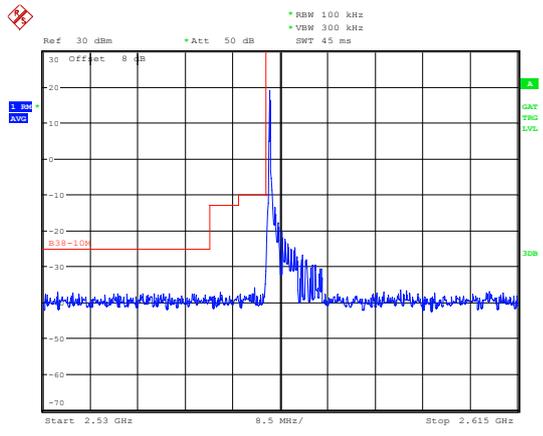

Date: 1.AUG.2019 17:48:55

LTE Band 38 64QAM 5MHz CH-High, 100%RB

Date: 1.AUG.2019 17:55:45

TA Technology (Shanghai) Co., Ltd.   **TA-MB-05-003R**   **Page 146 of 310**

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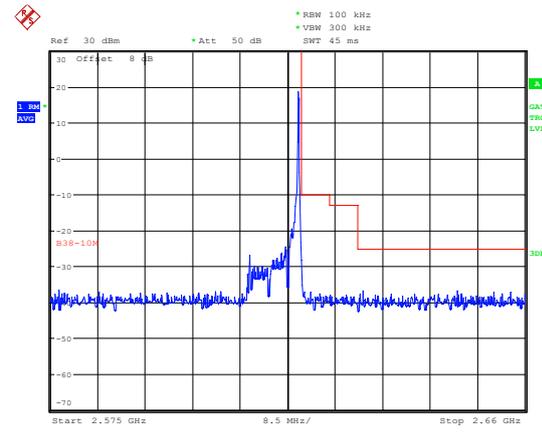
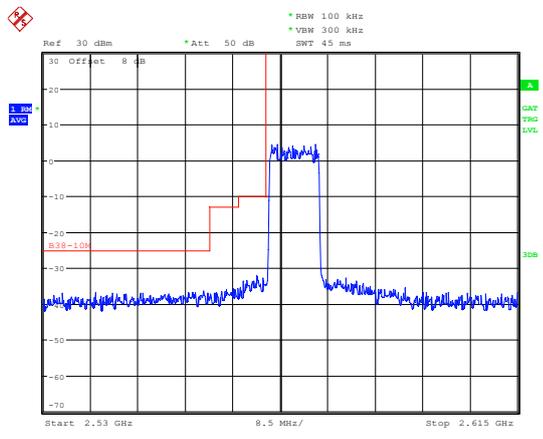## LTE Band 38 64QAM 10MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:51:01

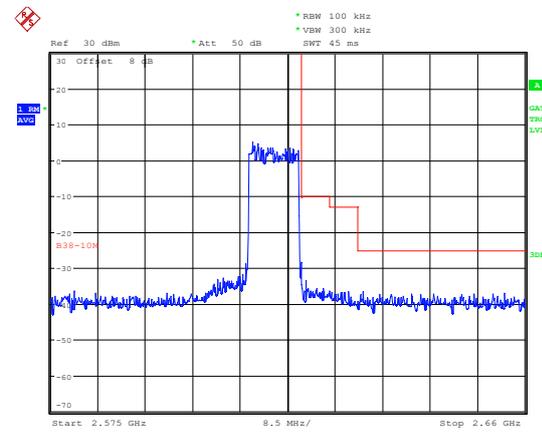## LTE Band 38 64QAM 10MHz CH-High, 1 RB

Date: 1.AUG.2019 17:56:27

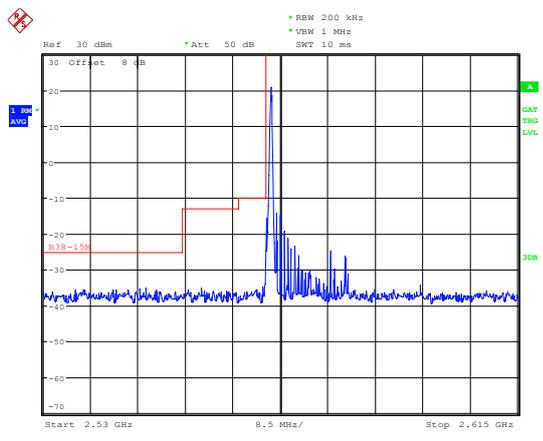## LTE Band 38 64QAM 10MHz CH-Low, 100%RB

Date: 1.AUG.2019 17:51:12

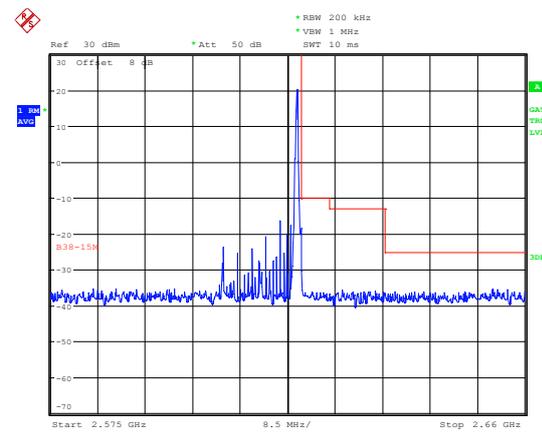## LTE Band 38 64QAM 10MHz CH-High, 100%RB

Date: 1.AUG.2019 17:56:38

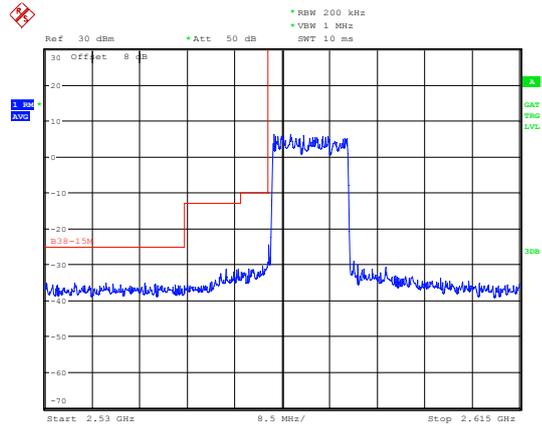## LTE Band 38 64QAM 15MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:52:00

LTE Band 38 64QAM 15MHz CH-High, 1 RB

Date: 1.AUG.2019 17:54:14

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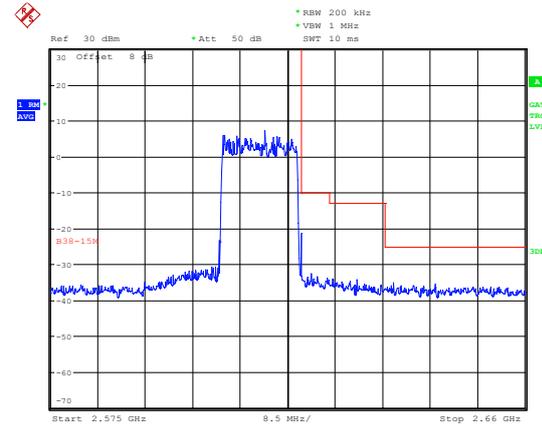
LTE Band 38 64QAM 15MHz CH-Low, 100%RB
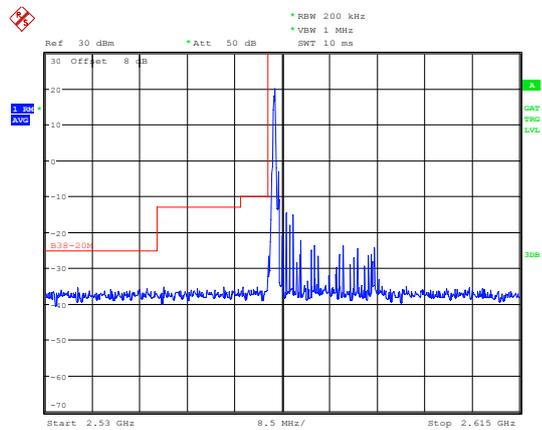

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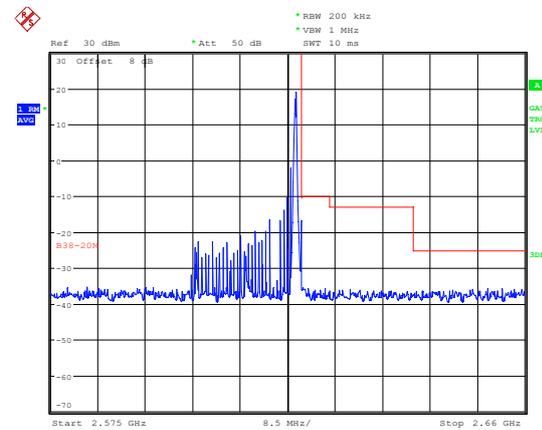LTE Band 38 64QAM 15MHz CH-High, 100%RB

Date: 1.AUG.2019 17:54:27

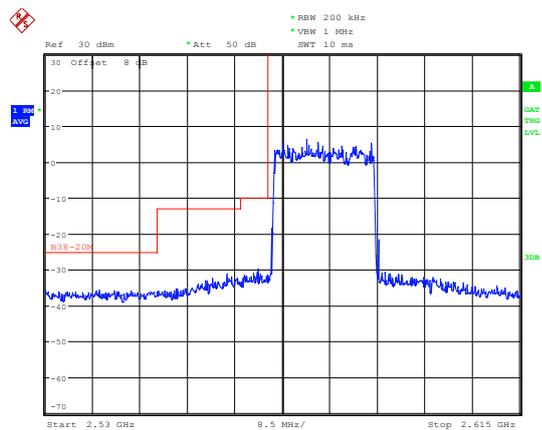LTE Band 38 64QAM 20MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:52:43
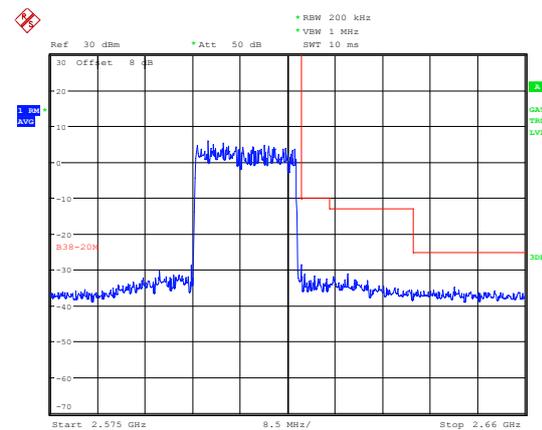
LTE Band 38 64QAM 20MHz CH-High, 1 RB

Date: 1.AUG.2019 17:53:30

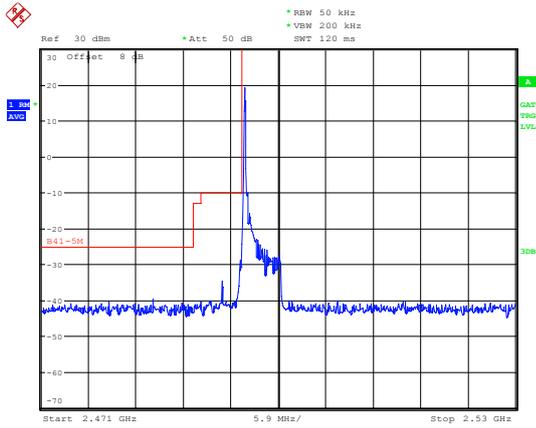LTE Band 38 64QAM 20MHz CH-Low, 100%RB

Date: 1.AUG.2019 17:52:52

LTE Band 38 64QAM 20MHz CH-High, 100%RB
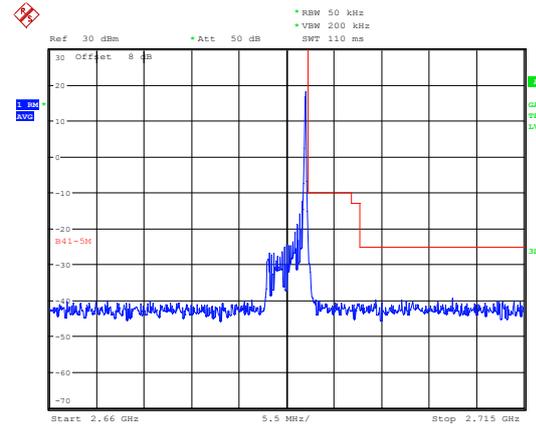

Date: 1.AUG.2019 17:53:40
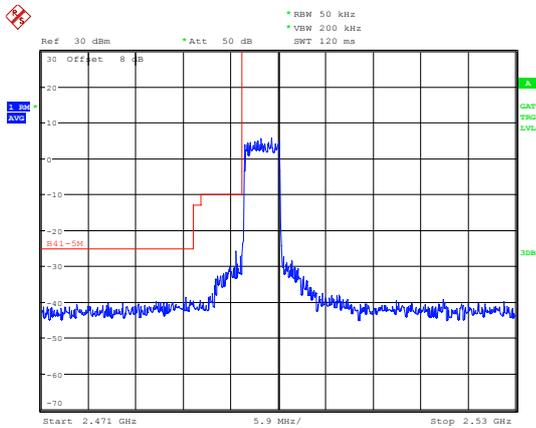
LTE Band 41 QPSK 5MHz CH-Low, 1 RB

Date: 1.AUG.2019 16:51:13

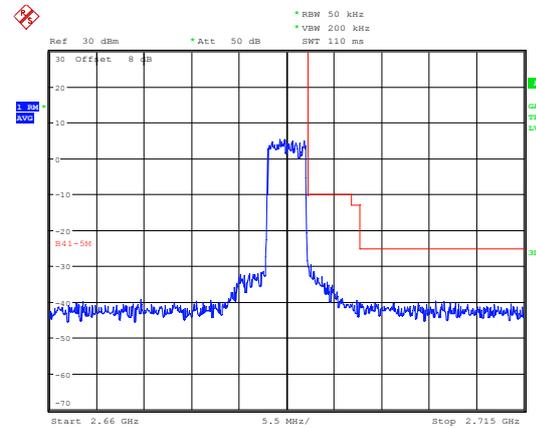### LTE Band 41 QPSK 5MHz CH-High, 1 RB

Date: 1.AUG.2019 17:11:49

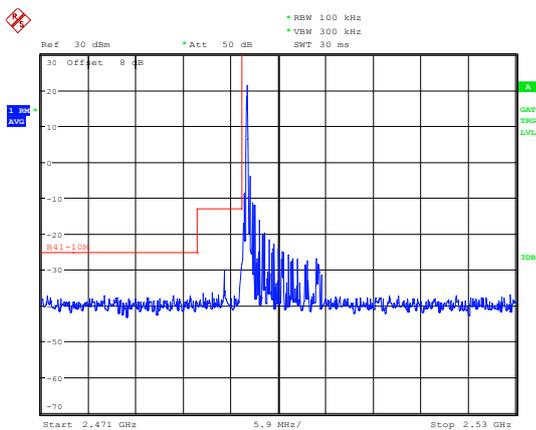### LTE Band 41 QPSK 5MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:51:44

LTE Band 41 QPSK 5MHz CH-High, 100%RB
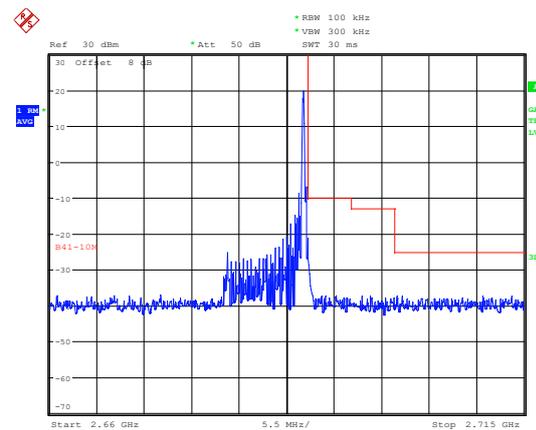

Date: 1.AUG.2019 17:12:33

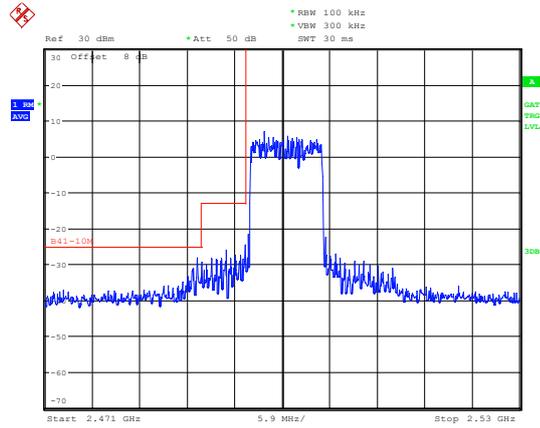### LTE Band 41 QPSK 10MHz CH-Low, 1 RB

Date: 1.AUG.2019 16:52:45

LTE Band 41 QPSK 10MHz CH-High, 1 RB

Date: 1.AUG.2019 17:13:34

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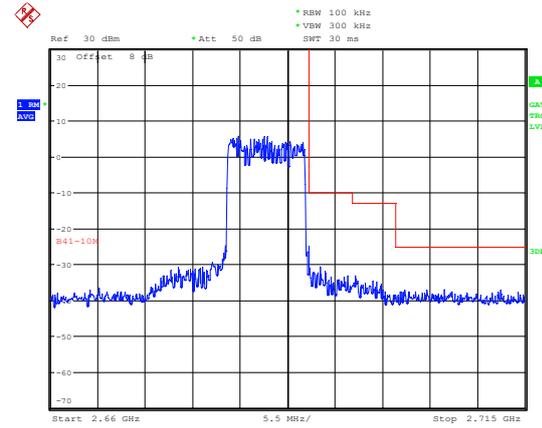
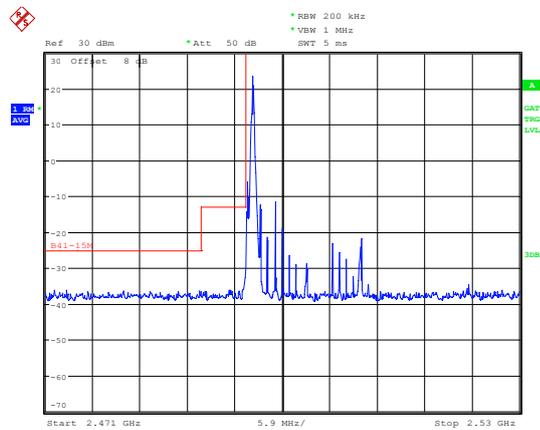## LTE Band 41 QPSK 10MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:53:12

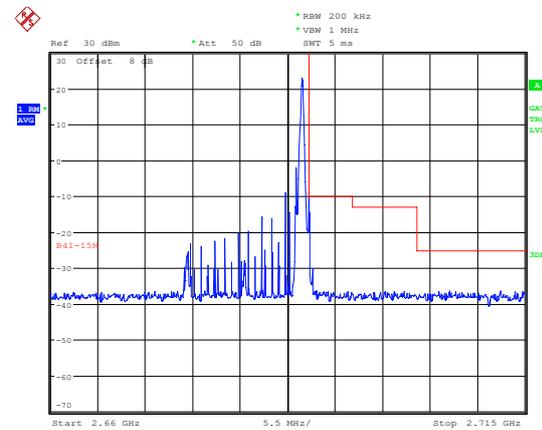## LTE Band 41 QPSK 10MHz CH-High, 100%RB

Date: 1.AUG.2019 17:14:01

LTE Band 41 QPSK 15MHz CH-Low, 1 RB
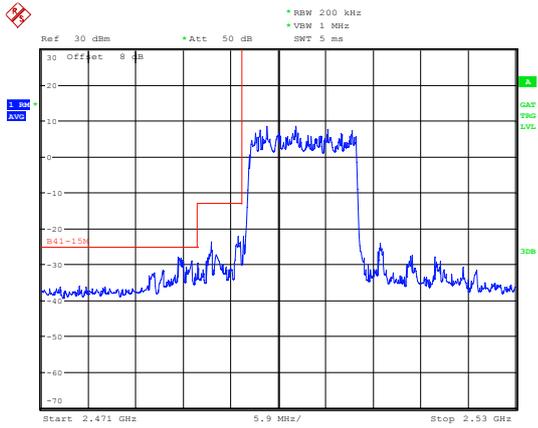

Date: 1.AUG.2019 16:54:12

LTE Band 41 QPSK 15MHz CH-High, 1 RB

Date: 1.AUG.2019 17:10:23

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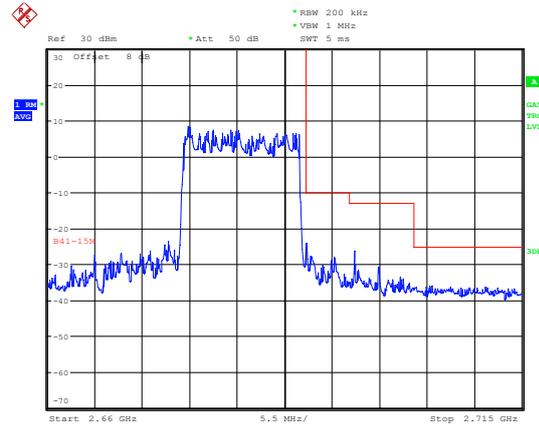
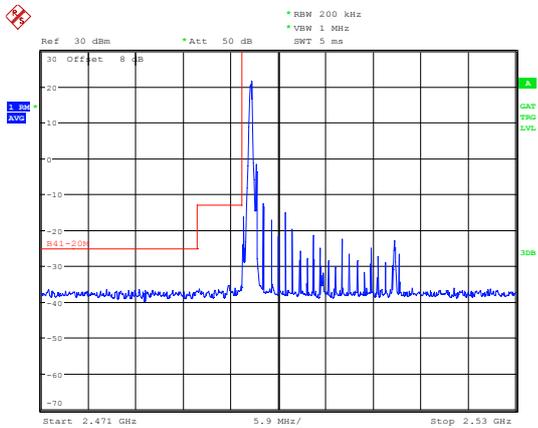## LTE Band 41 QPSK 15MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:54:37

LTE Band 41 QPSK 15MHz CH-High, 100%RB
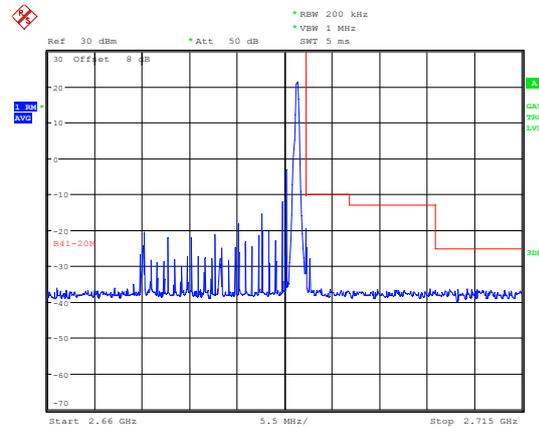

Date: 1.AUG.2019 17:10:46

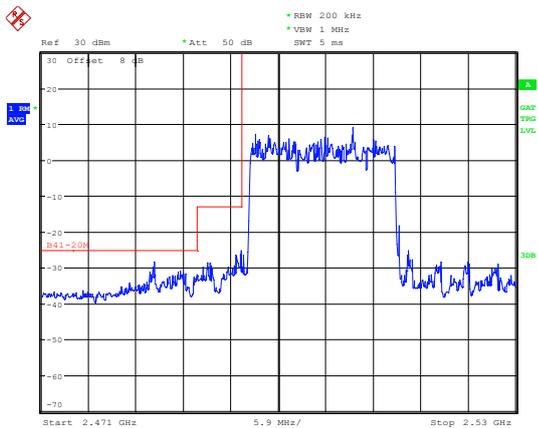## LTE Band 41 QPSK 20MHz CH-Low, 1 RB

Date: 1.AUG.2019 16:55:38

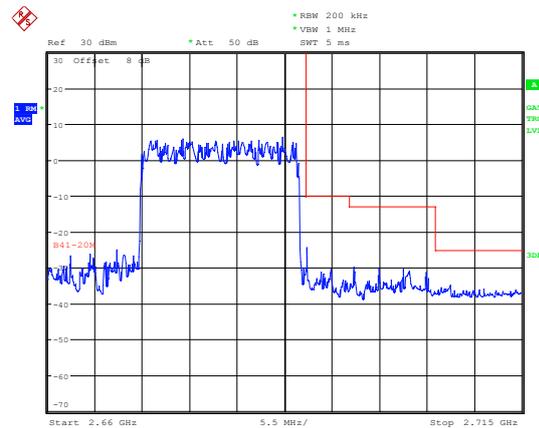## LTE Band 41 QPSK 20MHz CH-High, 1 RB

Date: 1.AUG.2019 17:05:00

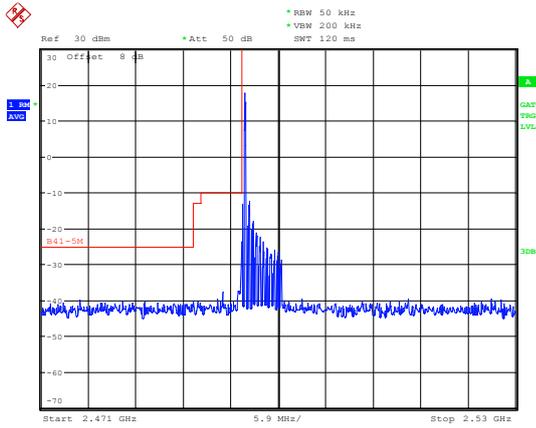## LTE Band 41 QPSK 20MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:56:02

LTE Band 41 QPSK 20MHz CH-High, 100%RB
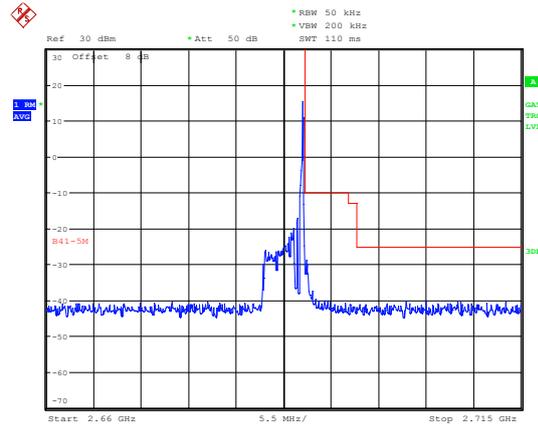

Date: 1.AUG.2019 17:05:28

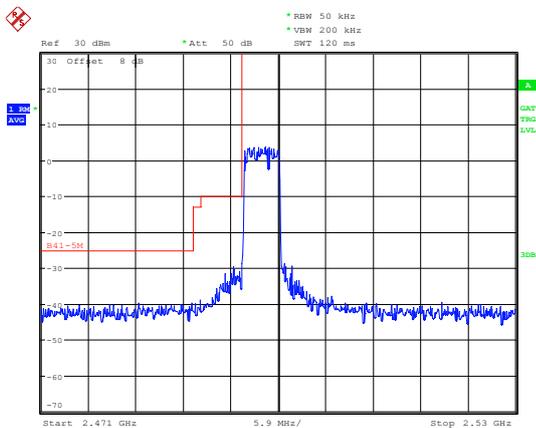## LTE Band 41 16QAM 5MHz CH-Low, 1 RB

Date: 1.AUG.2019 16:51:31

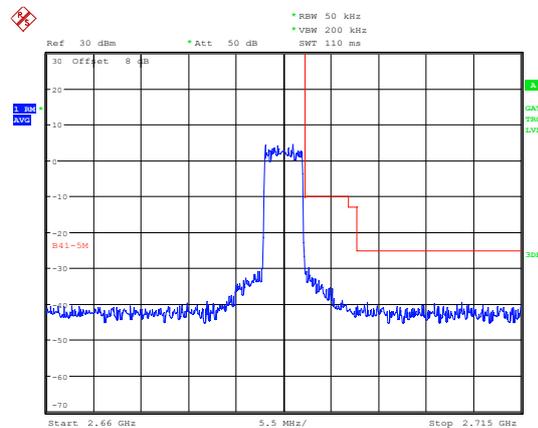## LTE Band 41 16QAM 5MHz CH-High, 1 RB

Date: 1.AUG.2019 17:12:19
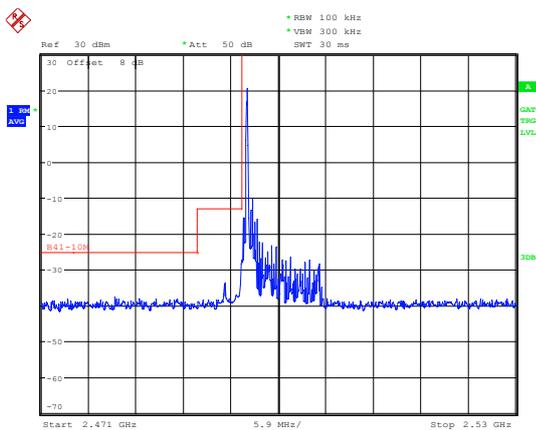
LTE Band 41 16QAM 5MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:51:58

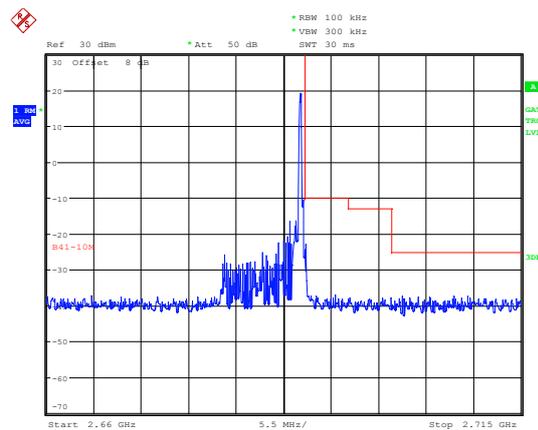## LTE Band 41 16QAM 5MHz CH-High, 100%RB

Date: 1.AUG.2019 17:12:48

LTE Band 41 16QAM 10MHz CH-Low, 1 RB
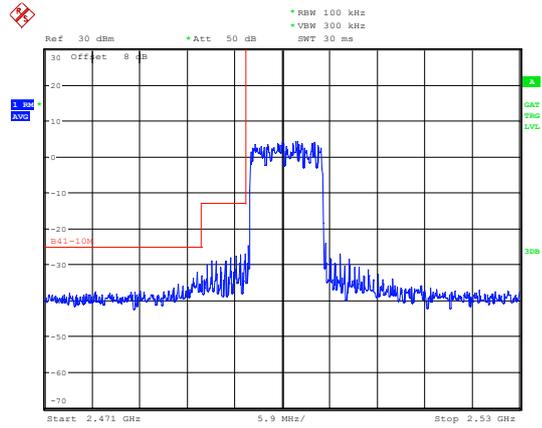

Date: 1.AUG.2019 16:52:59

LTE Band 41 16QAM 10MHz CH-High, 1 RB

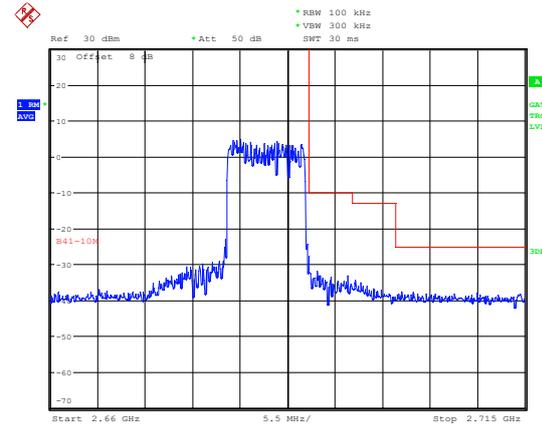Date: 1.AUG.2019 17:13:46

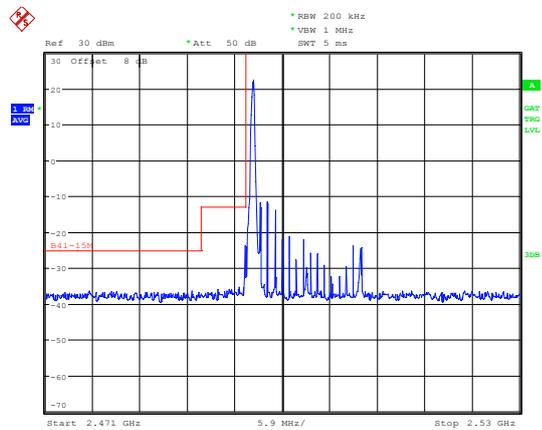## LTE Band 41 16QAM 10MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:53:25
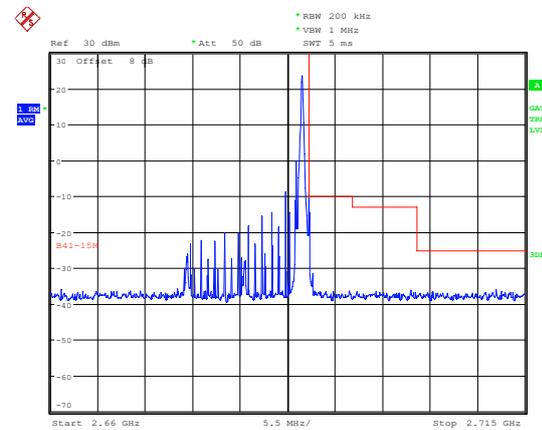
LTE Band 41 16QAM 10MHz CH-High, 100%RB

Date: 1.AUG.2019 17:14:17
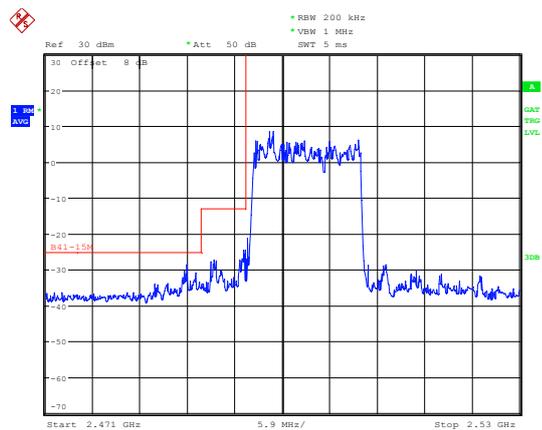
LTE Band 41 16QAM 15MHz CH-Low, 1 RB

Date: 1.AUG.2019 16:54:24

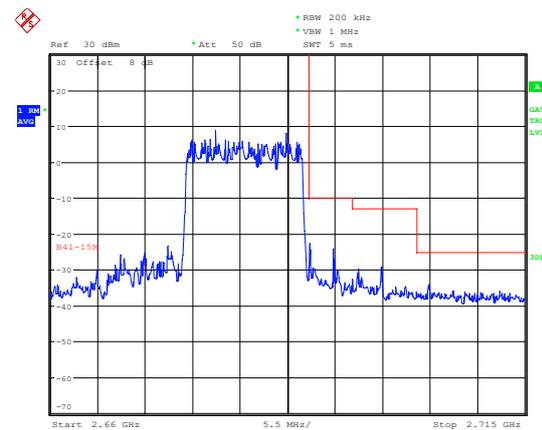## LTE Band 41 16QAM 15MHz CH-High, 1 RB

Date: 1.AUG.2019 17:10:34

LTE Band 41 16QAM 15MHz CH-Low, 100%RB
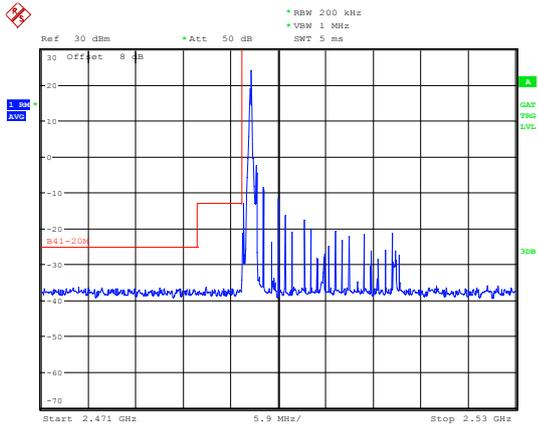

Date: 1.AUG.2019 16:54:57

LTE Band 41 16QAM 15MHz CH-High, 100%RB

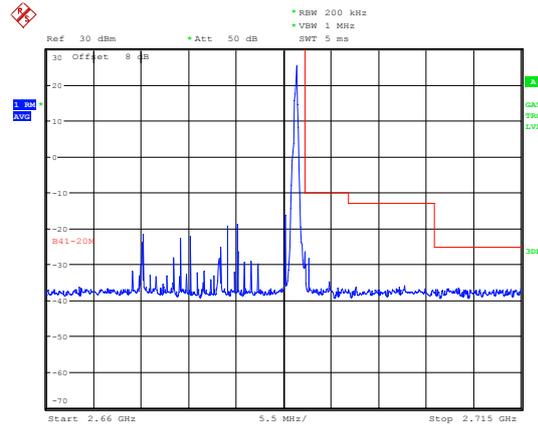Date: 1.AUG.2019 17:10:58

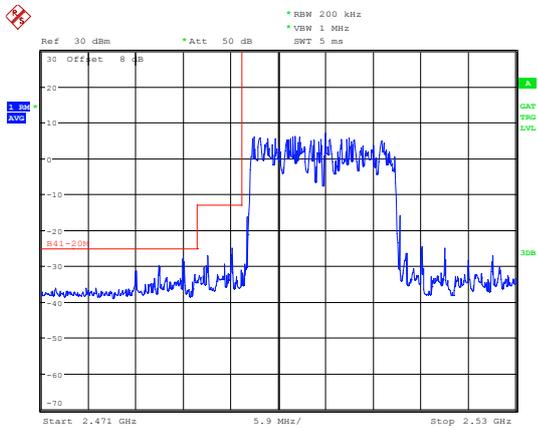## LTE Band 41 16QAM 20MHz CH-Low, RB 1

Date: 1.AUG.2019 16:55:49

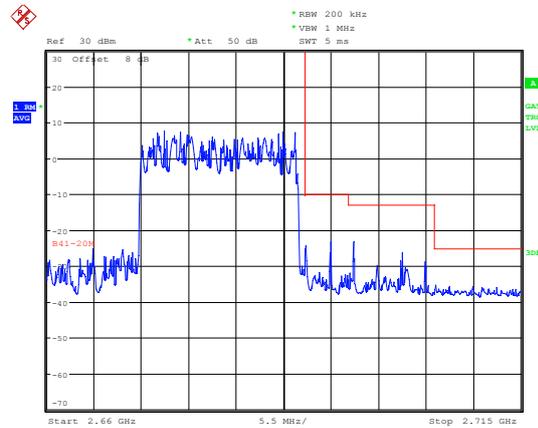## LTE Band 41 16QAM 20MHz CH-High, RB 1

Date: 1.AUG.2019 17:05:14

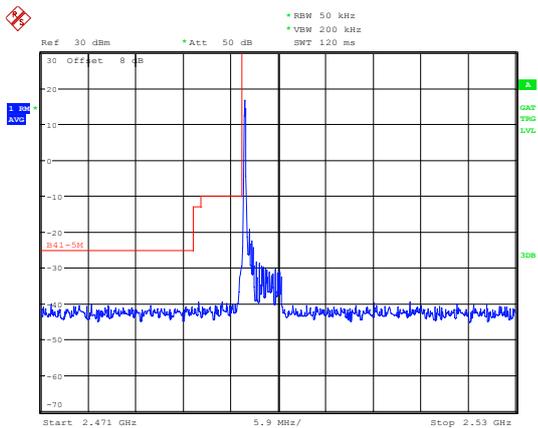## LTE Band 41 16QAM 20MHz CH-Low, 100%RB

Date: 1.AUG.2019 16:57:09

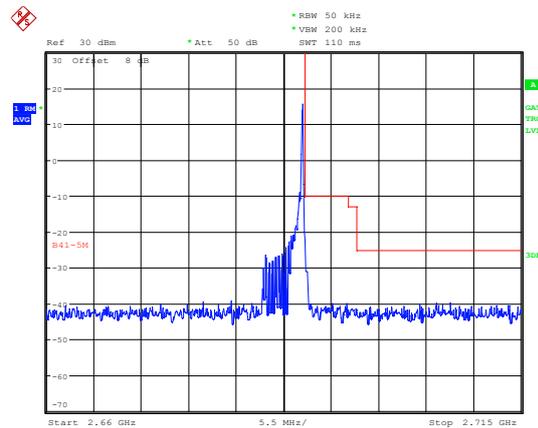## LTE Band 41 16QAM 20MHz CH-High, 100%RB

Date: 1.AUG.2019 17:05:41

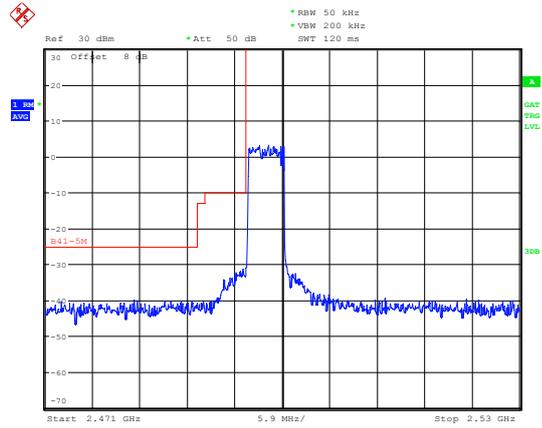## LTE Band 41 64QAM 5MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:40:11

LTE Band 41 64QAM 5MHz CH-High, 1 RB
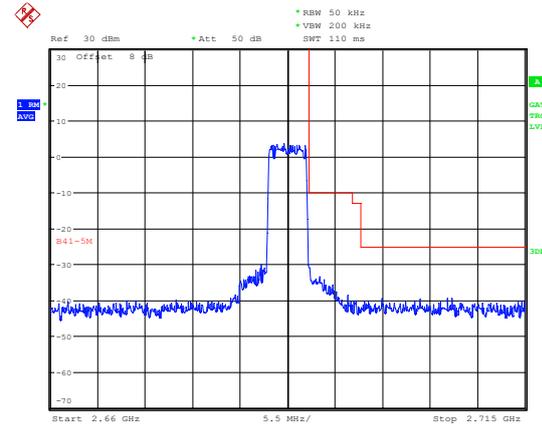

Date: 1.AUG.2019 17:36:25
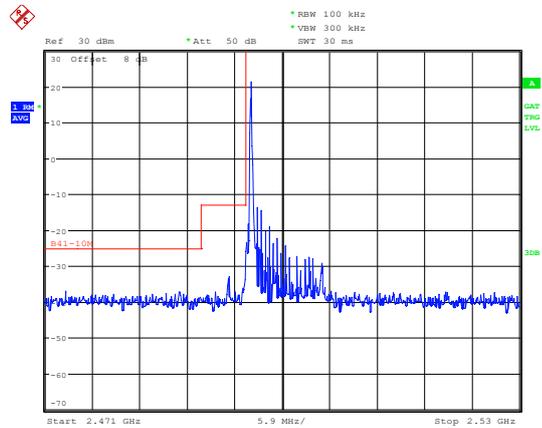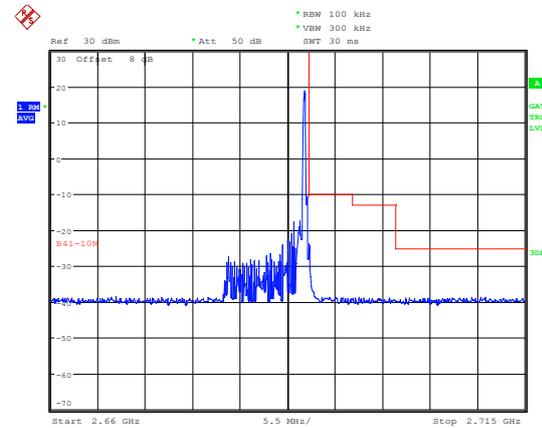
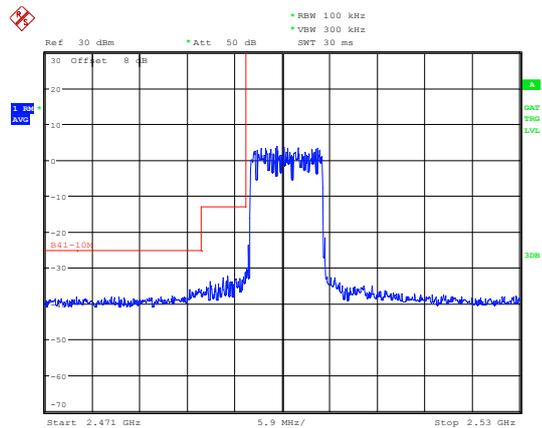| LTE Band 41 64QAM 5MHz CH-Low, 100%RB	LTE Band 41 64QAM 5MHz CH-High, 100%RB
Date: 1.AUG.2019 17:40:22	Date: 1.AUG.2019 17:36:39
LTE Band 41 64QAM 10MHz CH-Low, 1 RB	LTE Band 41 64QAM 10MHz CH-High, 1 RB
Date: 1.AUG.2019 17:41:12	Date: 1.AUG.2019 17:31:38
LTE Band 41 64QAM 10MHz CH-Low, 100%RB	LTE Band 41 64QAM 10MHz CH-High, 100%RB
Date: 1.AUG.2019 17:41:24	Date: 1.AUG.2019 17:31:59

LTE Band 41 64QAM 15MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:44:40

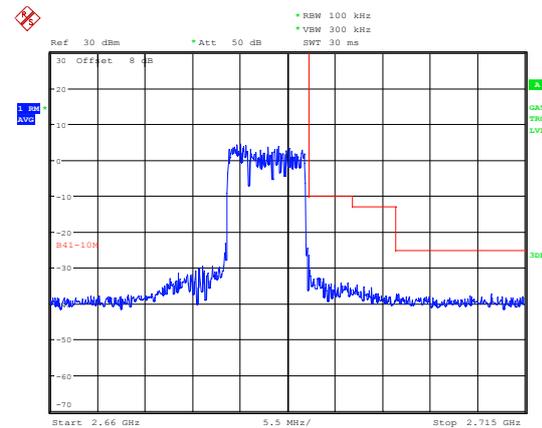## LTE Band 41 64QAM 15MHz CH-High, 1 RB

Date: 1.AUG.2019 17:33:35

LTE Band 41 64QAM 15MHz CH-Low, 100%RB
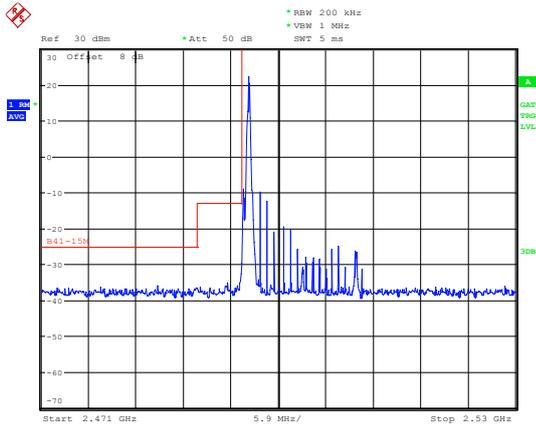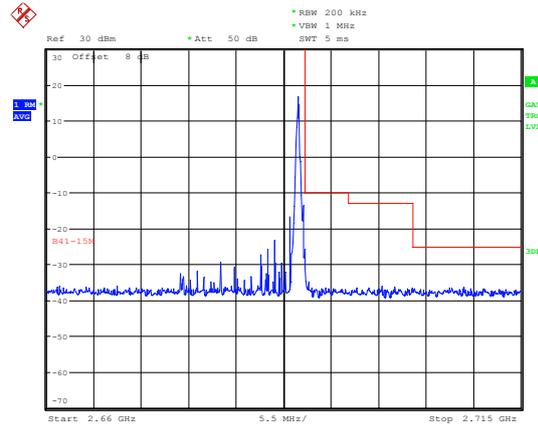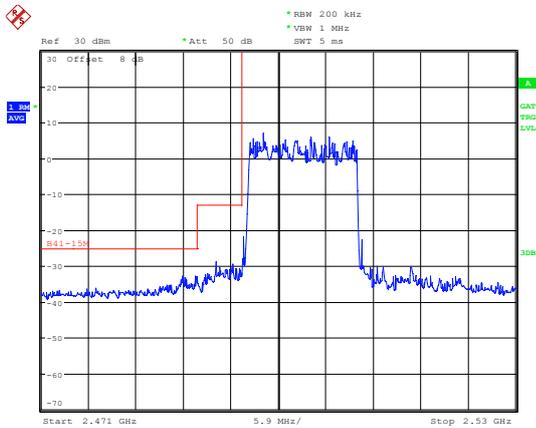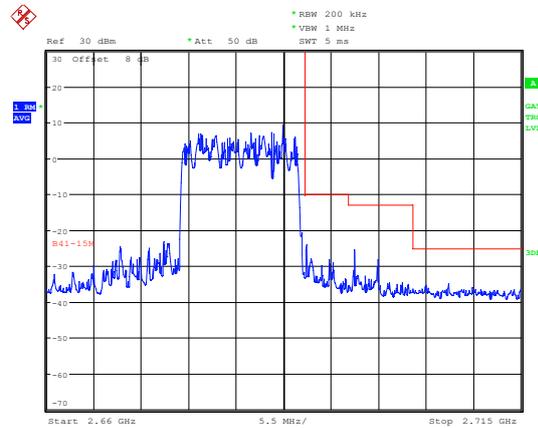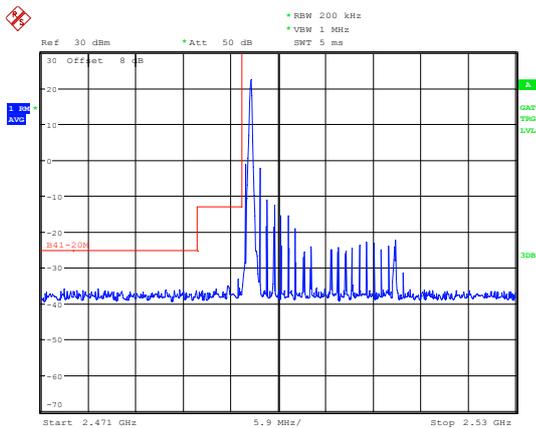

Date: 1.AUG.2019 17:44:49

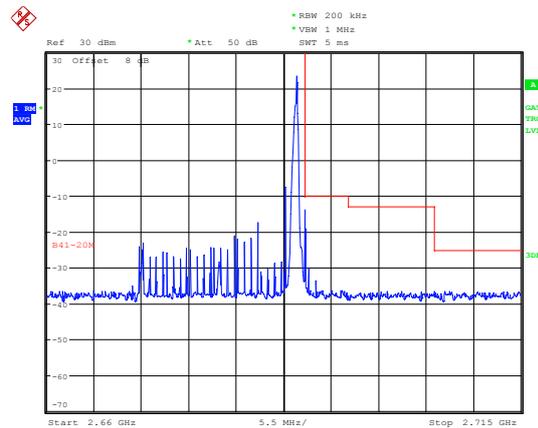## LTE Band 41 64QAM 15MHz CH-High, 100%RB

Date: 1.AUG.2019 17:34:46

LTE Band 41 64QAM 20MHz CH-Low, 1 RB

Date: 1.AUG.2019 17:46:11
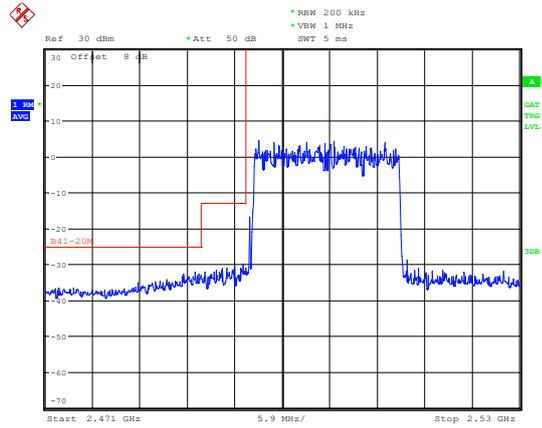
LTE Band 41 64QAM 20MHz CH-High, 1 RB
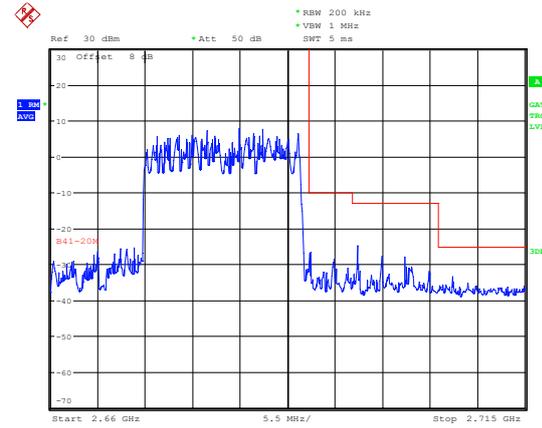

Date: 1.AUG.2019 17:35:22

LTE Band 41 64QAM 20MHz CH-Low, 100%RB

Date: 1.AUG.2019 17:46:21

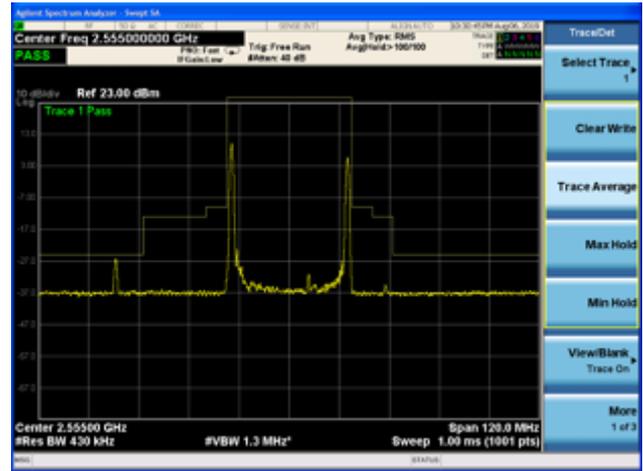## LTE Band 41 64QAM 20MHz CH-High, 100%RB

Date: 1.AUG.2019 17:35:36

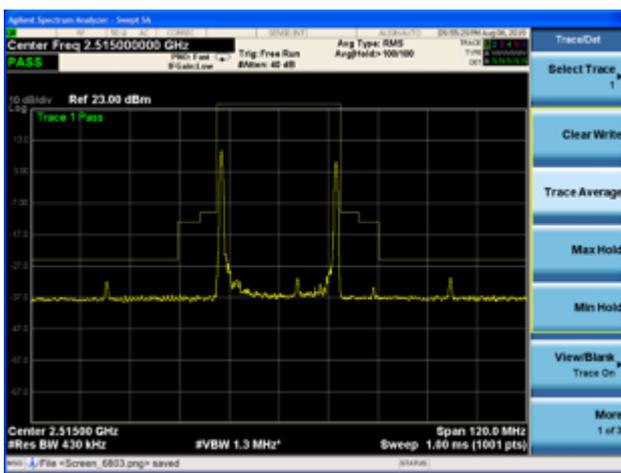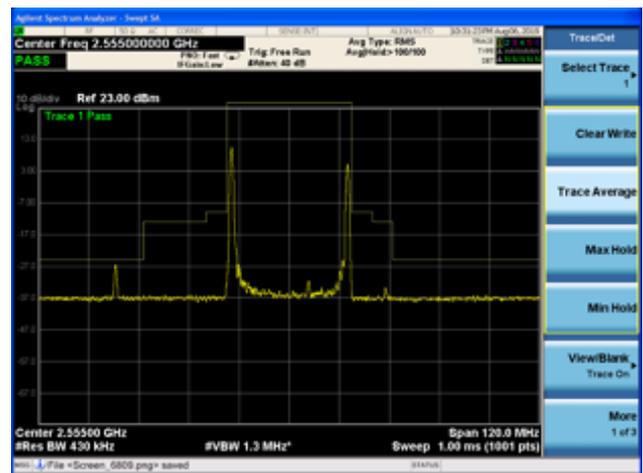| CA-7C QPSK 20MHz+10MHz CH-Low, 1 RB	CA-7C QPSK 20MHz+10MHz CH-High, 1 RB
CA-7C QPSK 20MHz+10MHz CH-Low, 100%RB	CA-7C QPSK 20MHz+10MHz CH-High, 100%RB
CA-7C 16QAM 20MHz+10MHz CH-Low, 1 RB	CA-7C 16QAM 20MHz+10MHz CH-High, 1 RB
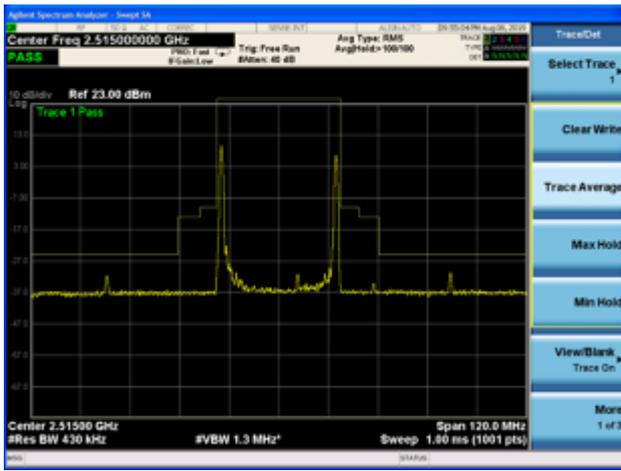
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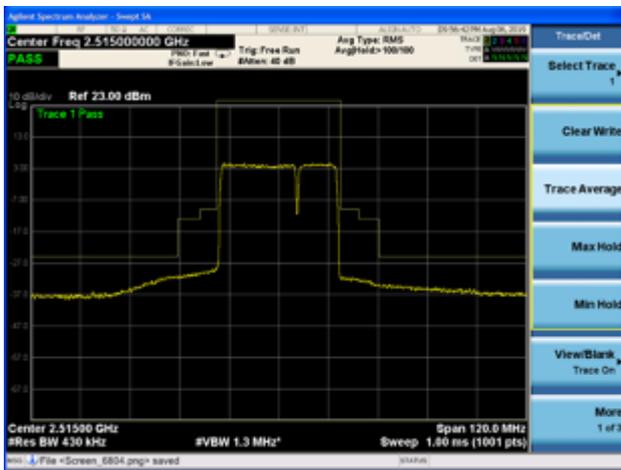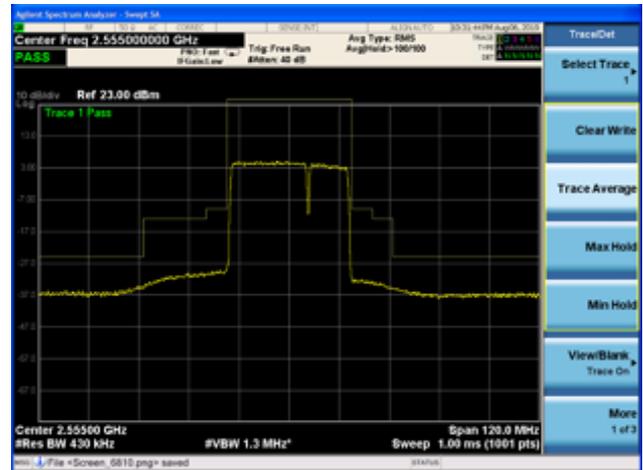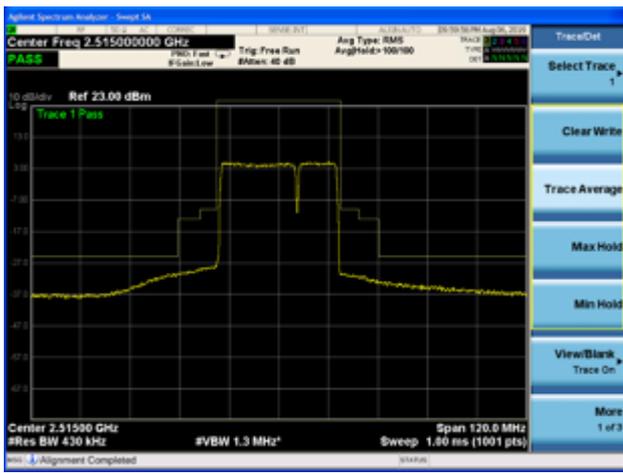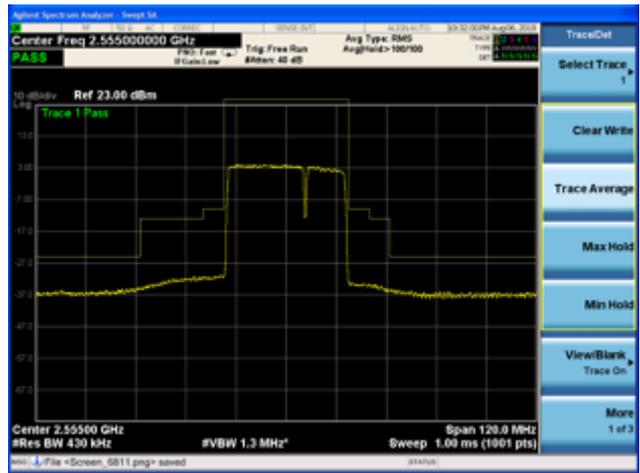
CA-7C 16QAM 20MHz+10MHz CH-Low, 100%RB	CA-7C 16QAM 20MHz+10MHz CH-High, 100%RB
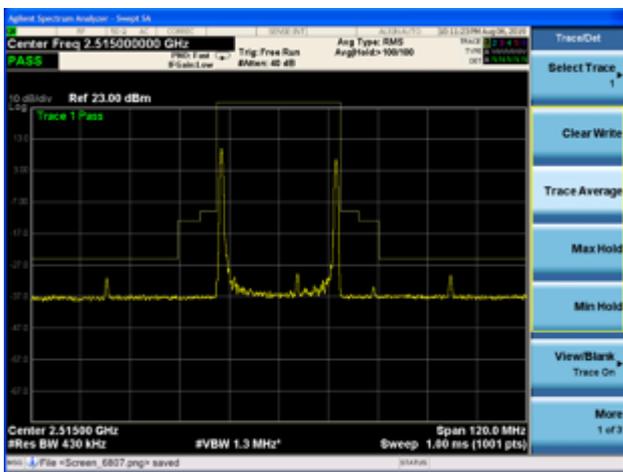
CA-7C 64QAM 20MHz+10MHz CH-Low, 1 RB	CA-7C 64QAM 20MHz+10MHz CH-High, 1 RB
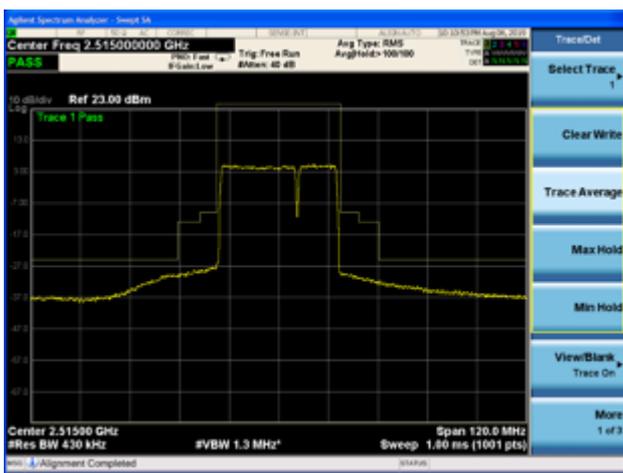
CA-7C 64QAM 20MHz+10MHz CH-Low, 100%RB	CA-7C 64QAM 20MHz+10MHz CH-High, 100%RB

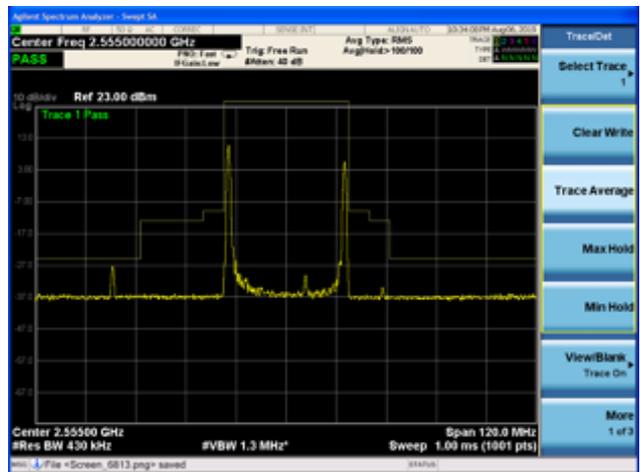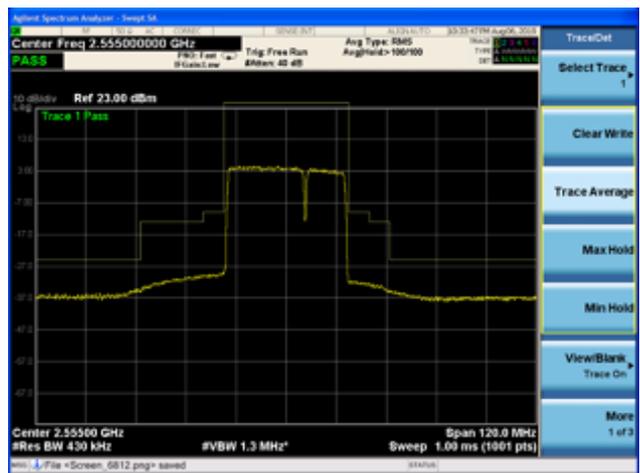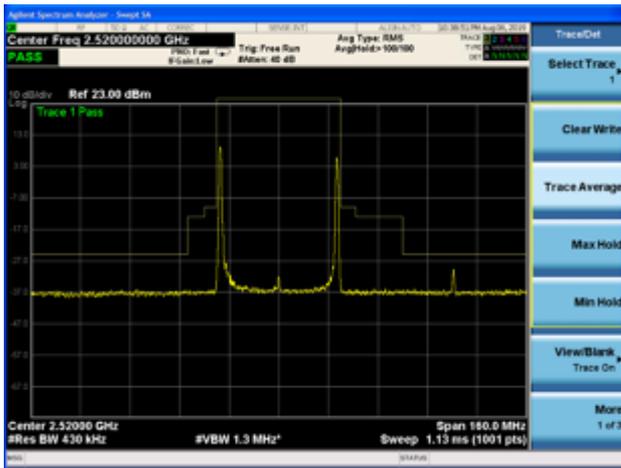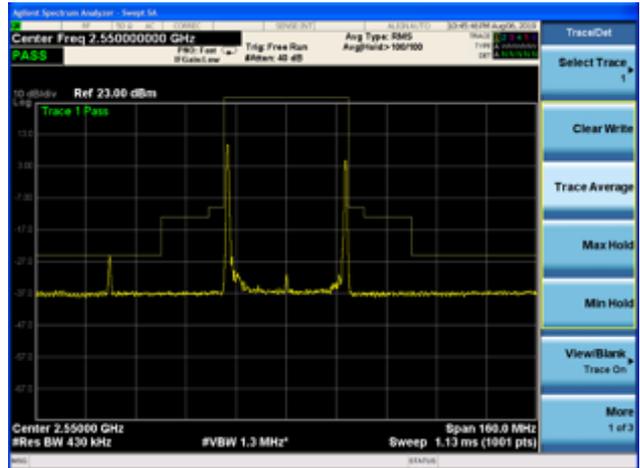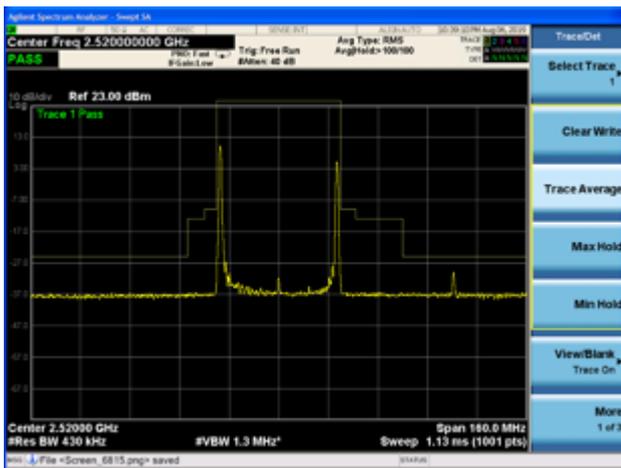| CA-7C QPSK 20MHz+20MHz CH-Low, 1 RB	CA-7C QPSK 20MHz+20MHz CH-High, 1 RB
CA-7C QPSK 20MHz+20MHz CH-Low, 100%RB	CA-7C QPSK 20MHz+20MHz CH-High, 100%RB
CA-7C 16QAM 20MHz+20MHz CH-Low, 1 RB	CA-7C 16QAM 20MHz+20MHz CH-High, 1 RB
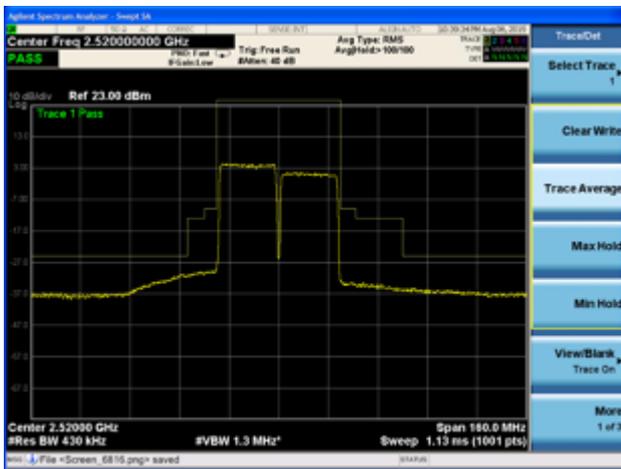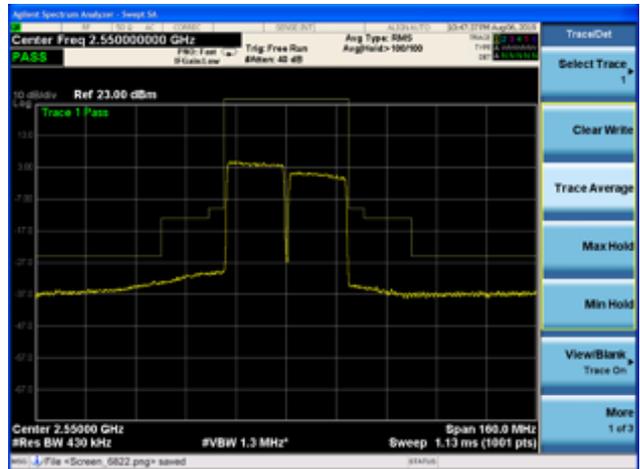
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