

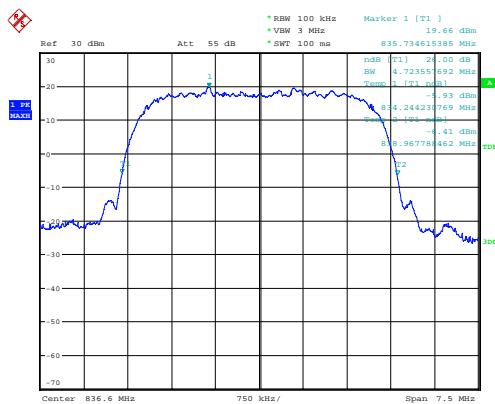
## 6 Appendix

### 6.1 Appendix I – Occupied Bandwidth Test Data

#### 6.1.1 Part 22

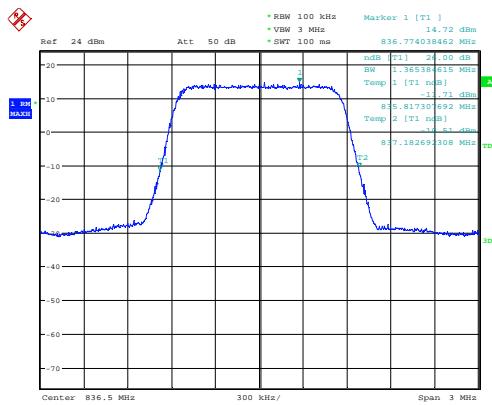
##### 6.1.1.1 WCDMA Band 5

###### Channel 4132 – QPSK



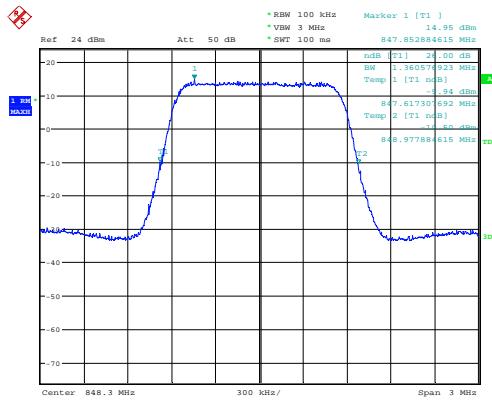
### 6.1.1.2 LTE Band 5 Screenshots

1.4 MHz – Ch: 20407 – QPSK



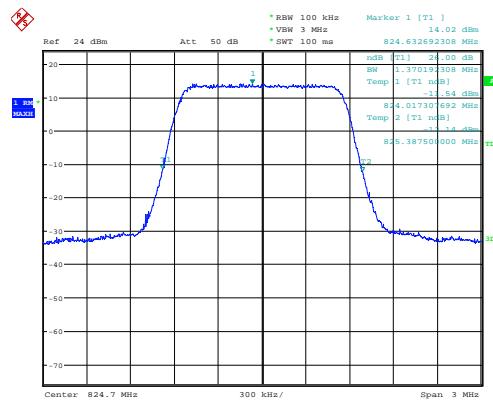
Date: 22.MAR.2018 09:39:50

1.4 MHz – Ch: 20643 – QPSK



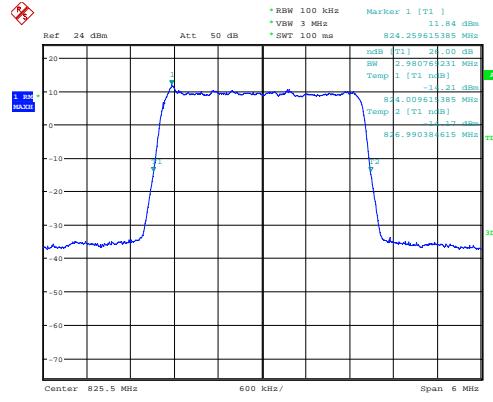
Date: 22.MAR.2018 09:40:35

1.4 MHz – Ch: 20525 – QPSK



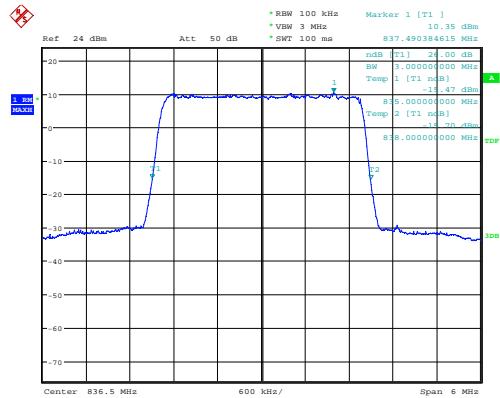
Date: 22.MAR.2018 09:38:58

3 MHz – Ch: 20415 – QPSK



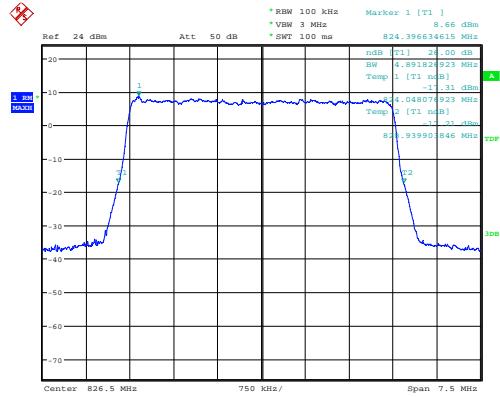
Date: 22.MAR.2018 09:41:23

3 MHz – Ch: 20525 – QPSK



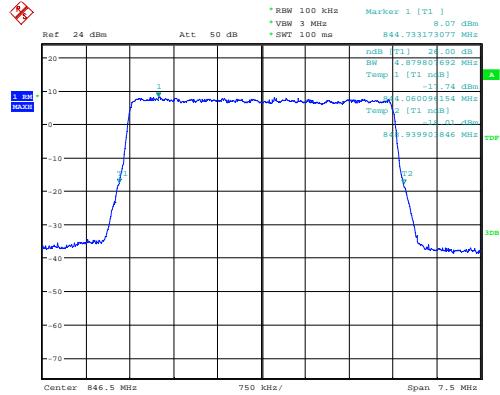
Date: 22.MAR.2018 09:42:06

5 MHz – Ch: 20425 – QPSK



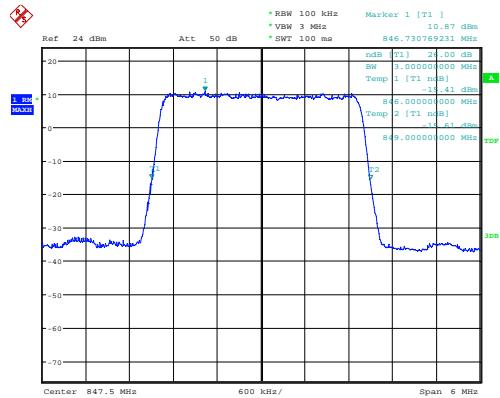
Date: 22.MAR.2018 09:43:40

5 MHz – Ch: 20625 – QPSK



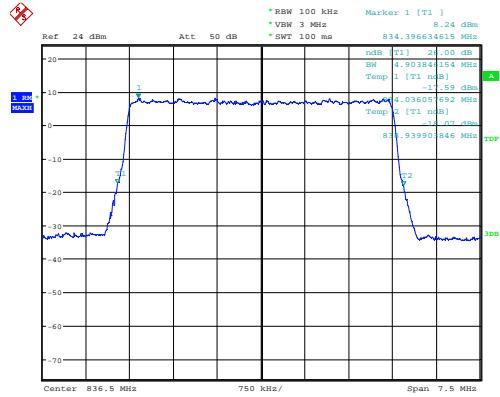
Date: 22.MAR.2018 09:45:05

3 MHz – Ch: 20635 – QPSK



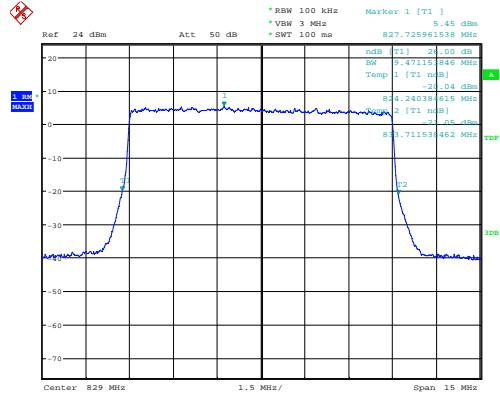
Date: 22.MAR.2018 09:42:56

5 MHz – Ch: 20525 – QPSK



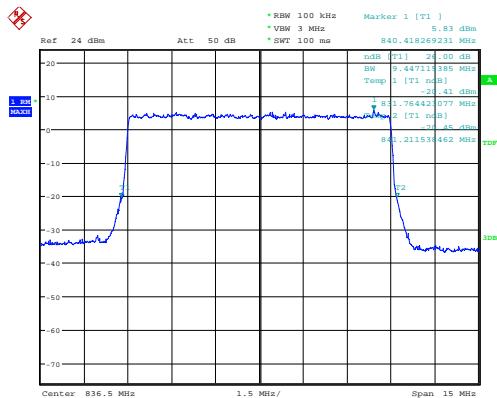
Date: 22.MAR.2018 09:44:22

10 MHz – Ch: 20450 – QPSK



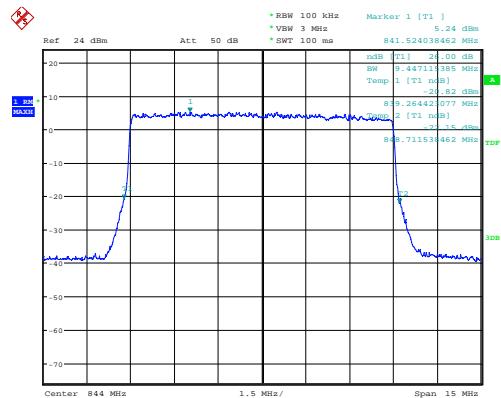
Date: 22.MAR.2018 09:45:50

10 MHz – Ch: 20525 – QPSK



Date: 22.MAR.2018 09:46:22

10 MHz – Ch: 20600 – QPSK

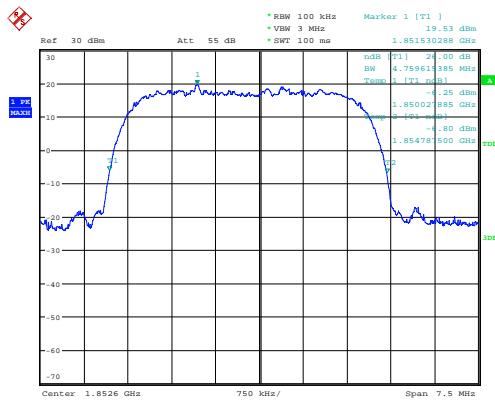


Date: 22.MAR.2018 09:47:00

## 6.1.2 Part 24

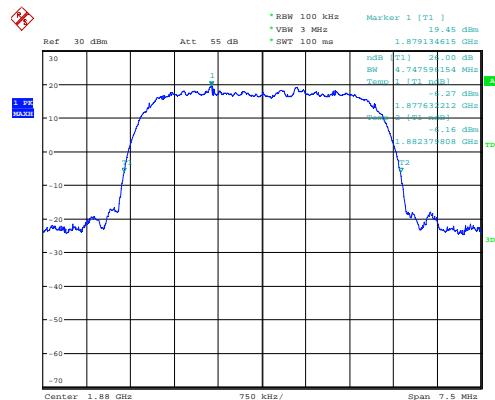
### 6.1.2.1 WCDMA Band 2

#### Channel 9252 – QPSK



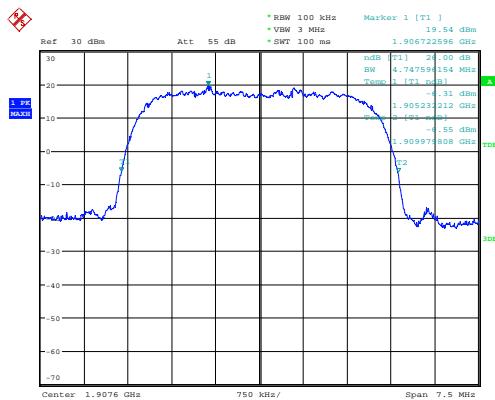
Date: 22.MAR.2018 09:17:11

#### Channel 9400 – QPSK



Date: 22.MAR.2018 09:17:54

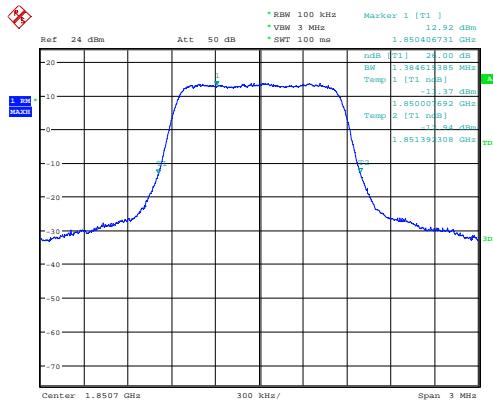
#### Channel 9538 – QPSK



Date: 22.MAR.2018 09:18:29

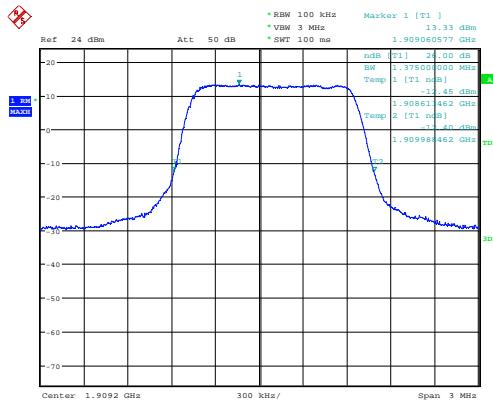
### 6.1.2.2 LTE Band 2

1.4 MHz – Ch: 18607 – QPSK



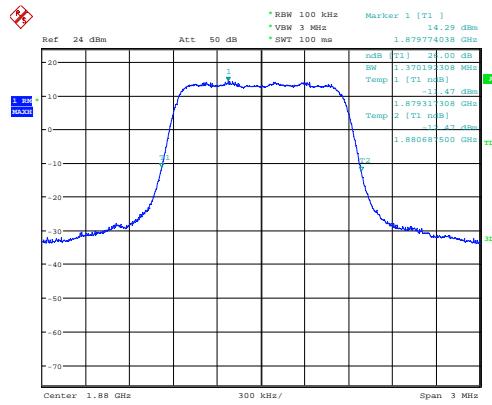
Date: 22.MAR.2018 09:22:47

1.4 MHz – Ch: 19193 – QPSK



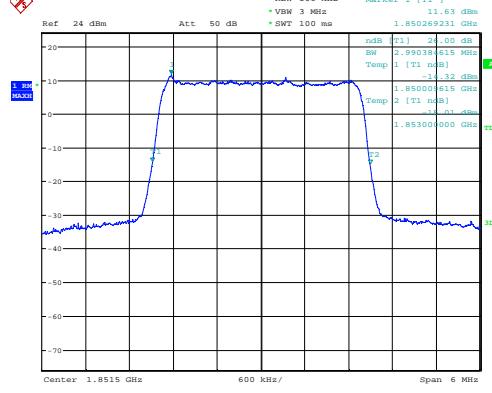
Date: 22.MAR.2018 09:24:23

1.4 MHz – Ch: 18900 – QPSK



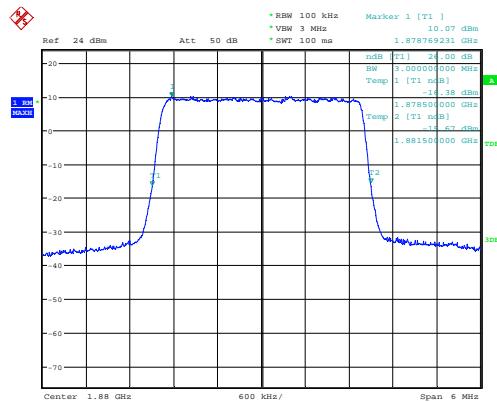
Date: 22.MAR.2018 09:23:36

3 MHz – Ch: 18615 – QPSK



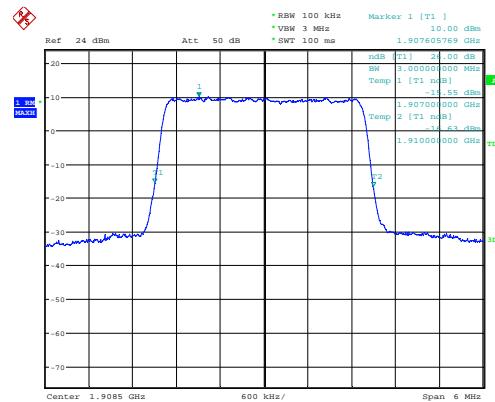
Date: 22.MAR.2018 09:24:58

3 MHz – Ch: 18900 – QPSK



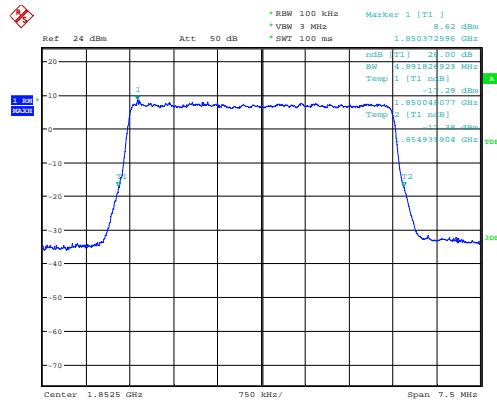
Date: 22.MAR.2018 09:25:32

3 MHz – Ch: 19185 – QPSK



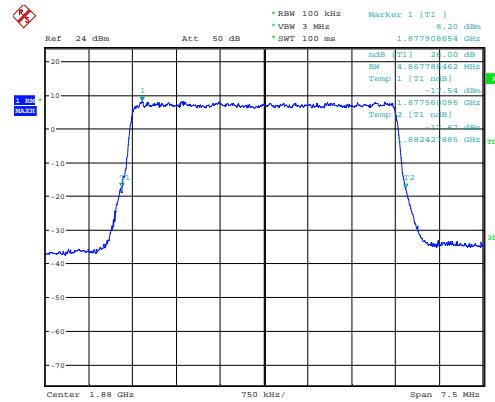
Date: 22.MAR.2018 09:26:06

5 MHz – Ch: 18625 – QPSK



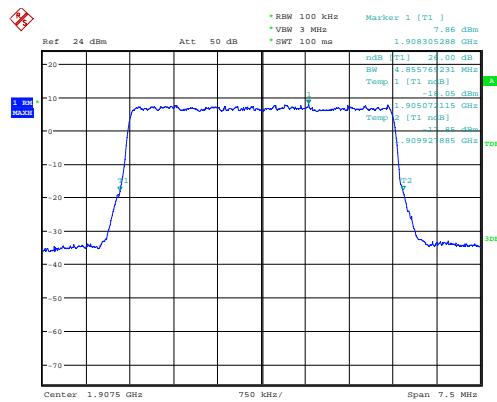
Date: 22.MAR.2018 09:26:38

5 MHz – Ch: 18900 – QPSK



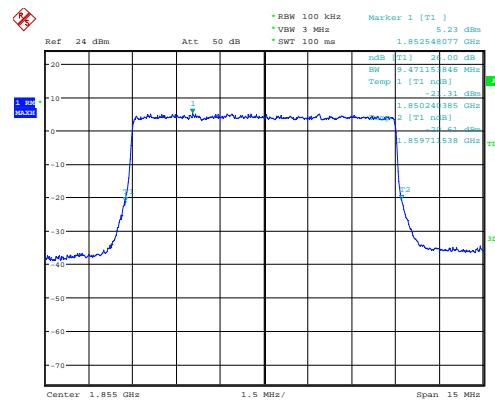
Date: 22.MAR.2018 09:27:21

5 MHz – Ch: 19175 – QPSK



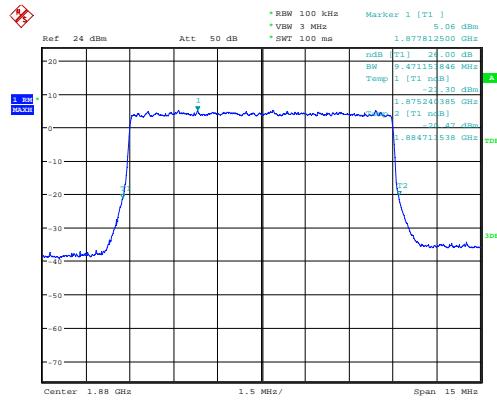
Date: 22.MAR.2018 09:27:55

10 MHz – Ch: 18650 – QPSK

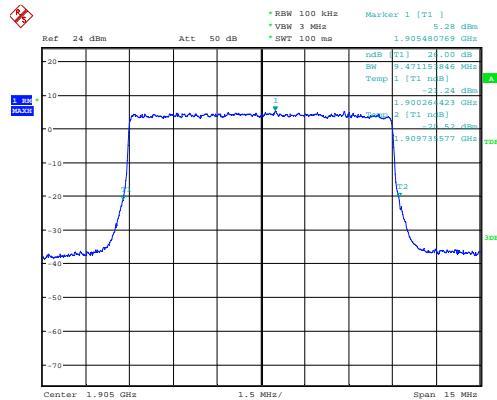


Date: 22.MAR.2018 09:28:49

10 MHz – Ch: 18900 – QPSK

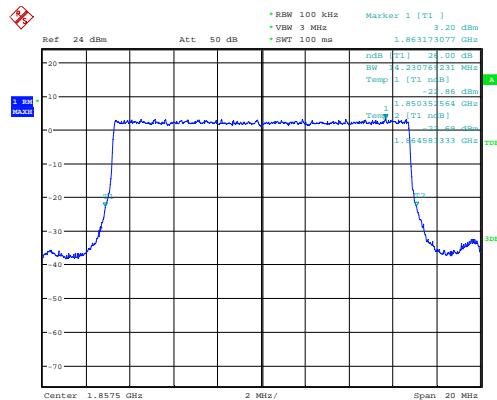


10 MHz – Ch: 19150 – QPSK



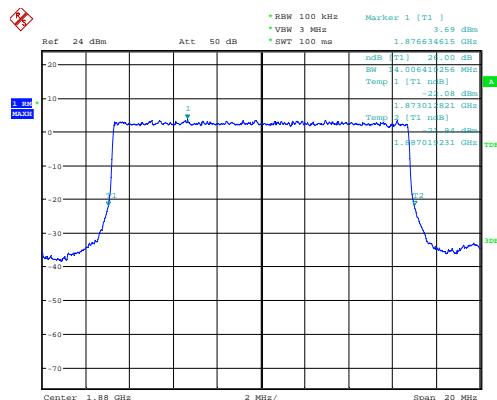
Date: 22.MAR.2018 09:29:52

15 MHz – Ch: 18675 – QPSK



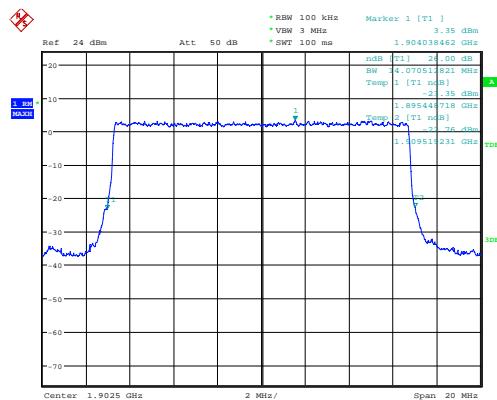
Date: 22.MAR.2018 09:30:39

15 MHz – Ch: 18900 – QPSK



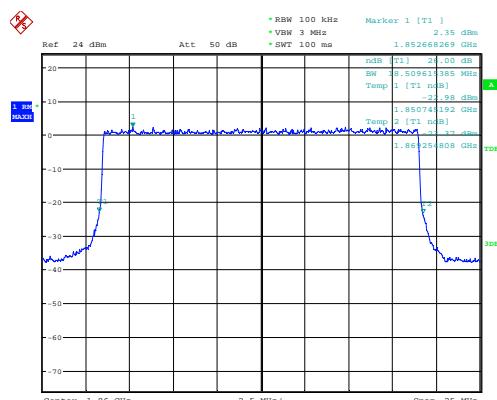
Date: 22.MAR.2018 09:31:22

15 MHz – Ch: 19125 – QPSK



Date: 22.MAR.2018 09:32:31

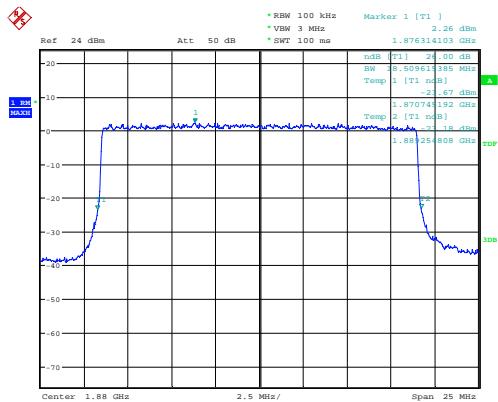
20 MHz – Ch: 18700 – QPSK



Date: 22.MAR.2018 09:33:24

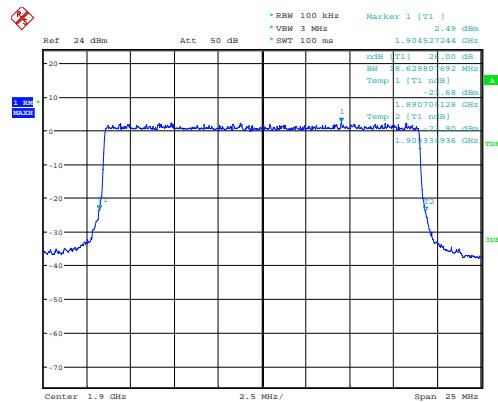
Date: 22.MAR.2018 09:34:01

20 MHz – Ch: 18900 – QPSK



Date: 22.MAR.2018 09:34:39

20 MHz – Ch: 19100 – QPSK

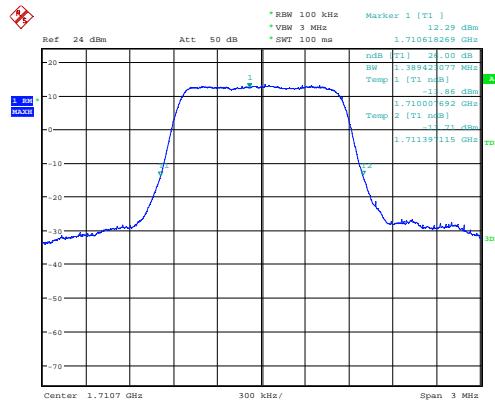


Date: 22.MAR.2018 09:35:11

### 6.1.3 Part 27

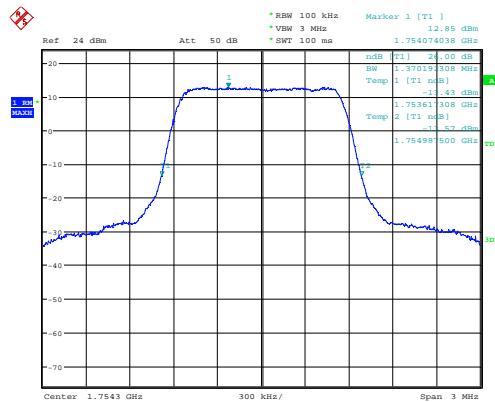
### 6.1.3.1 LTE Band 4

1.4 MHz – Ch: 19957 – QPSK



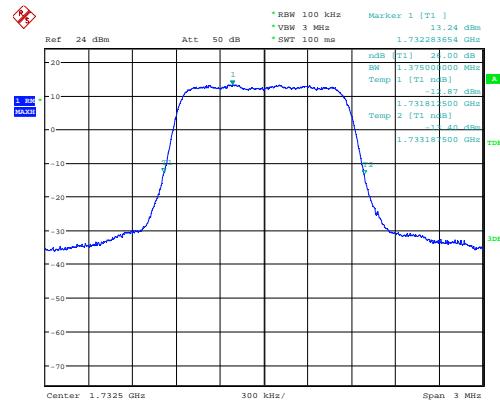
Date: 22.MAR.2018 09:51:08

1.4 MHz – Ch: 20393 – QPSK



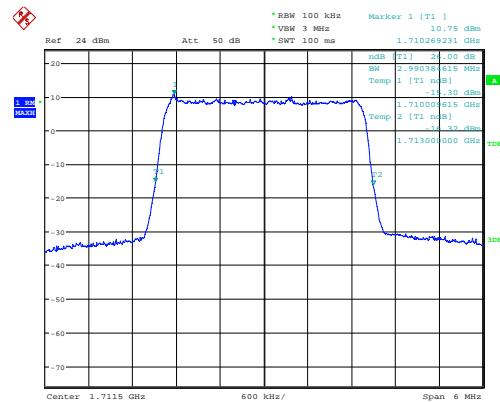
Date: 22.MAR.2018 09:53:05

1.4 MHz – Ch: 20175 – QPSK



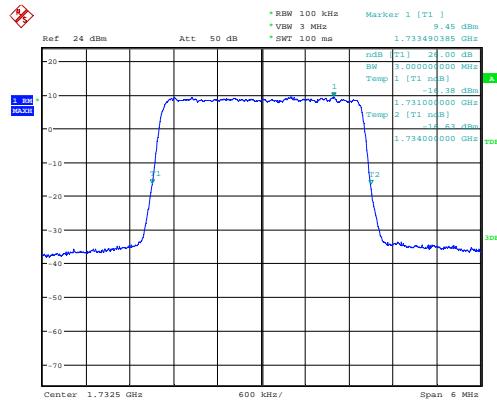
Date: 22.MAR.2018 09:52:19

3 MHz – Ch: 19965 – QPSK



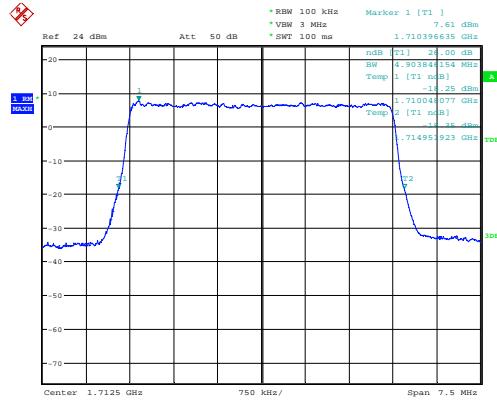
Date: 22.MAR.2018 09:53:44

3 MHz – Ch: 20175 – QPSK



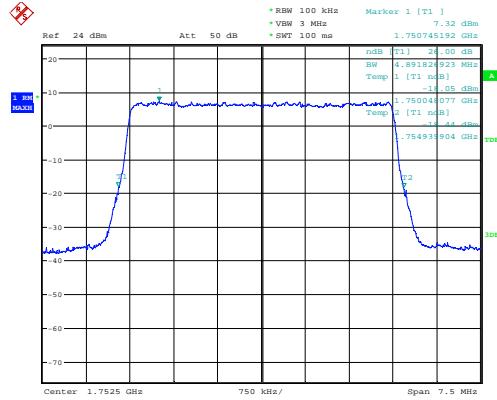
Date: 22.MAR.2018 09:54:35

5 MHz – Ch: 19975 – QPSK



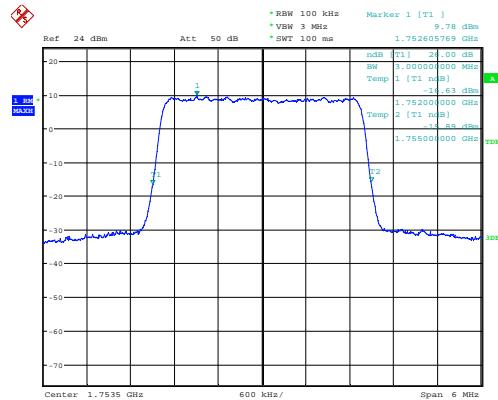
Date: 22.MAR.2018 09:56:17

5 MHz – Ch: 20375 – QPSK



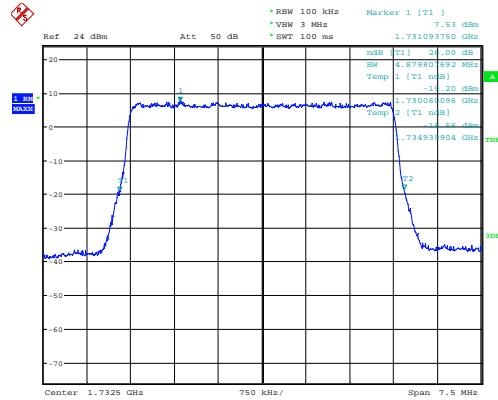
Date: 22.MAR.2018 09:57:35

3 MHz – Ch: 20385 – QPSK



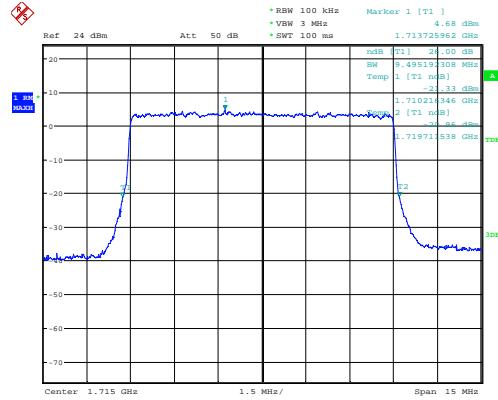
Date: 22.MAR.2018 09:55:28

5 MHz – Ch: 20175 – QPSK



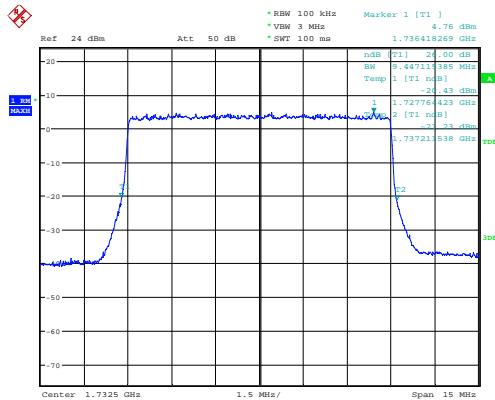
Date: 22.MAR.2018 09:56:56

10 MHz – Ch: 20000 – QPSK

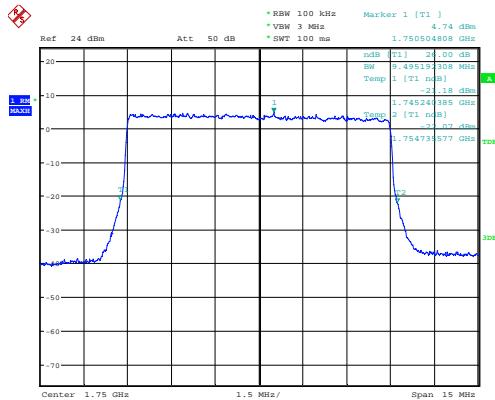


Date: 22.MAR.2018 09:58:15

10 MHz – Ch: 20175 – QPSK

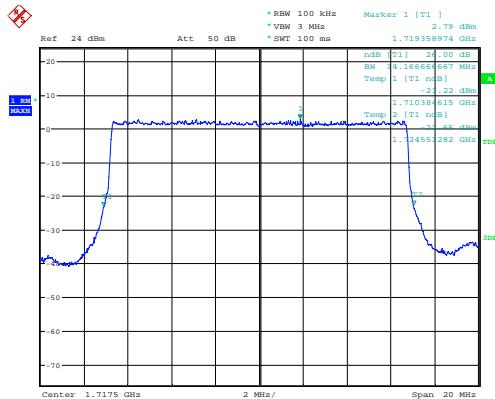


10 MHz – Ch: 20350 – QPSK



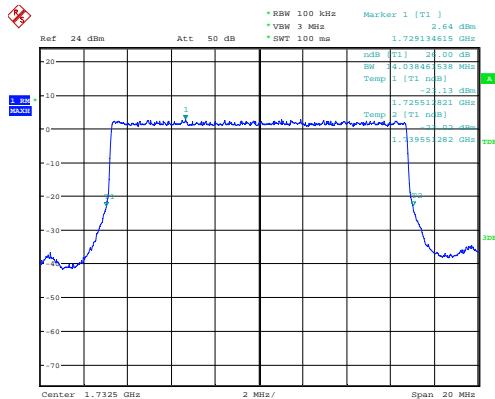
Date: 22.MAR.2018 09:59:16

15 MHz – Ch: 20025 – QPSK



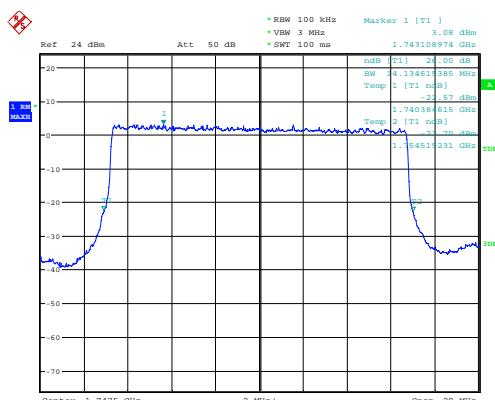
Date: 22.MAR.2018 10:00:01

15 MHz – Ch: 20175 – QPSK



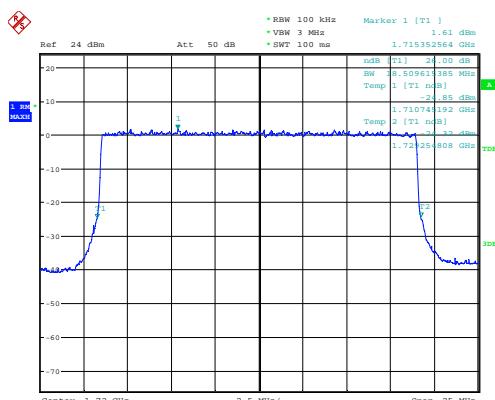
Date: 22.MAR.2018 10:01:17

15 MHz – Ch: 20325 – QPSK



Date: 22.MAR.2018 10:01:58

20 MHz – Ch: 20050 – QPSK



Date: 22.MAR.2018 10:02:39

Date: 22.MAR.2018 10:03:16

Report Number: 31851515.001

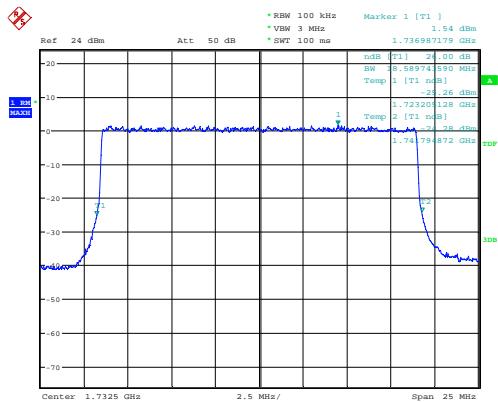
EUT: HSA-15

Issue Date: May 29, 2018

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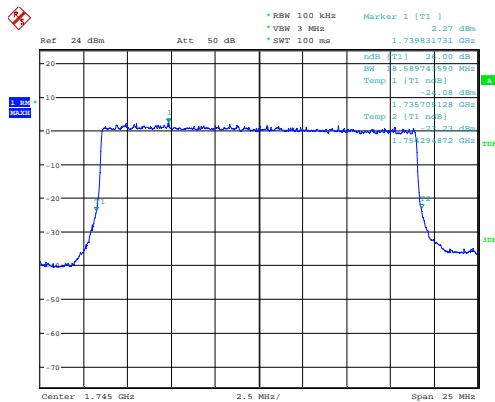
FCCID: 2AHPN-HSA-15

### 20 MHz – Ch: 20175 – QPSK



Date: 22.MAR.2018 10:04:02

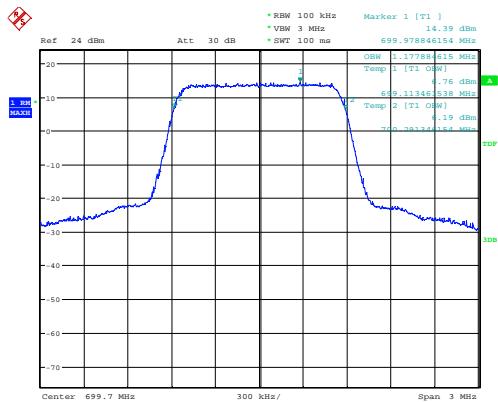
### 20 MHz – Ch: 20300 – QPSK



Date: 22.MAR.2018 10:04:42

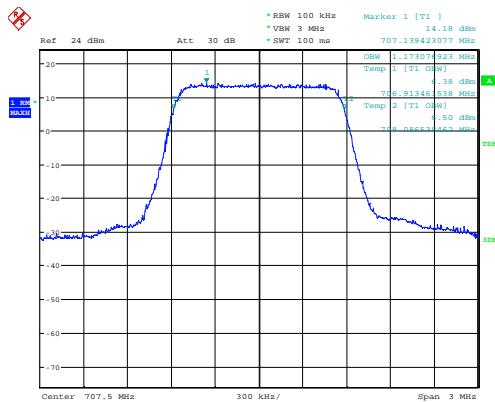
### 6.1.3.2 LTE Band 12

#### 1.4 MHz – Ch: 23017 – QPSK



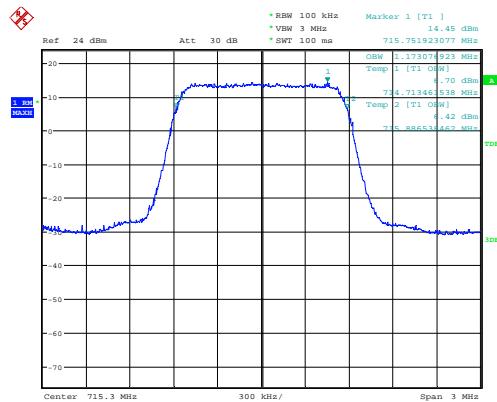
Date: 22.MAR.2018 10:07:49

#### 1.4 MHz – Ch: 23095 – QPSK



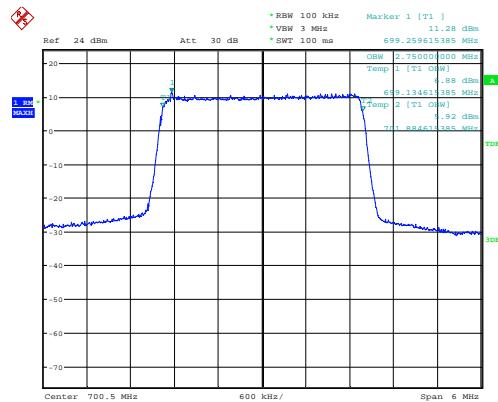
Date: 22.MAR.2018 10:08:17

1.4 MHz – Ch: 23173 – QPSK



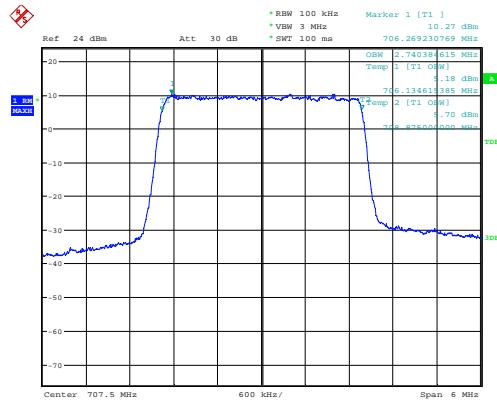
Date: 22.MAR.2018 10:08:52

3 MHz – Ch: 23025 – QPSK



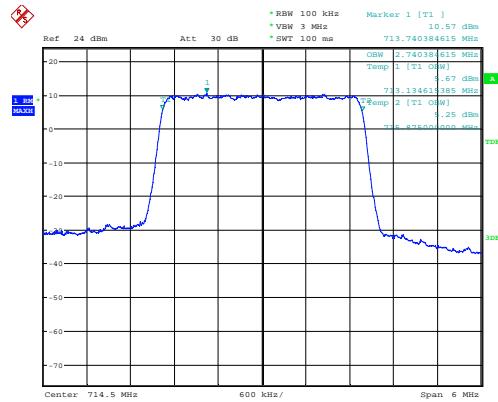
Date: 22.MAR.2018 10:10:02

3 MHz – Ch: 23095 – QPSK



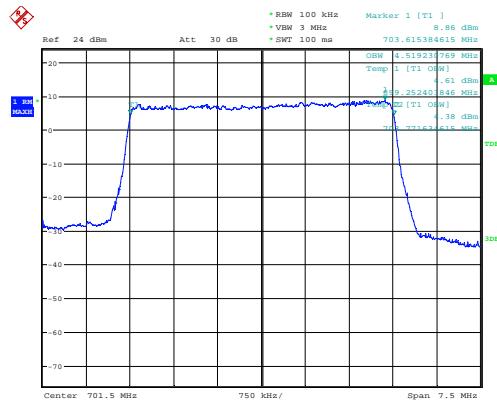
Date: 22.MAR.2018 10:10:29

3 MHz – Ch: 23165 – QPSK



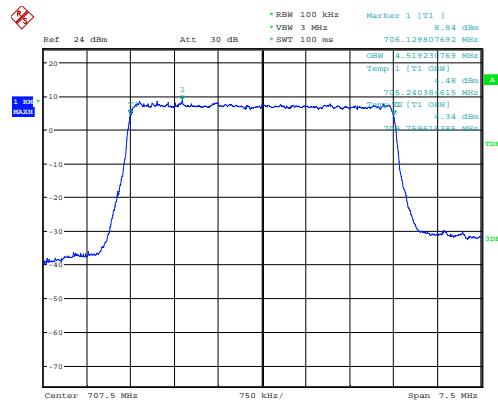
Date: 22.MAR.2018 10:11:05

5 MHz – Ch: 23035 – QPSK



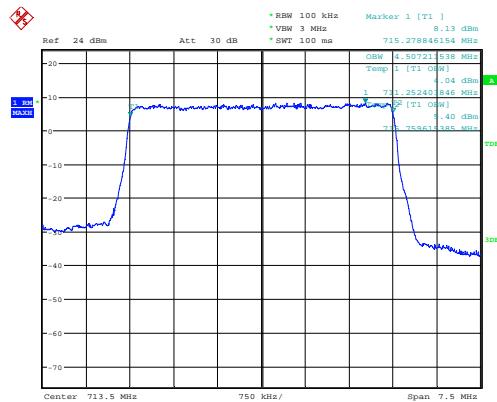
Date: 22.MAR.2018 10:11:45

5 MHz – Ch: 23095 – QPSK

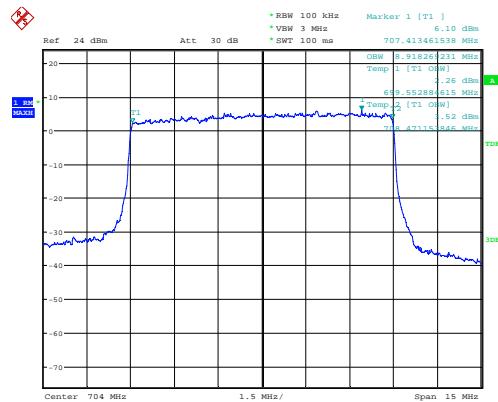


Date: 22.MAR.2018 10:12:23

5 MHz – Ch: 23155 – QPSK

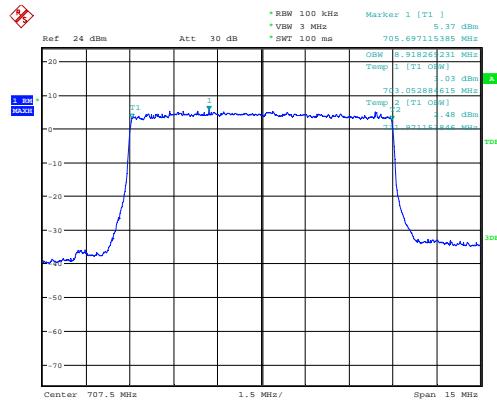


10 MHz – Ch: 23060 – QPSK



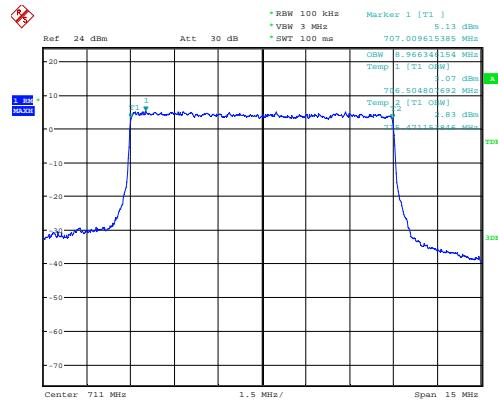
Date: 22.MAR.2018 10:13:09

10 MHz – Ch: 23095 – QPSK



Date: 22.MAR.2018 10:13:49

10 MHz – Ch: 23130 – QPSK



Date: 22.MAR.2018 10:14:31

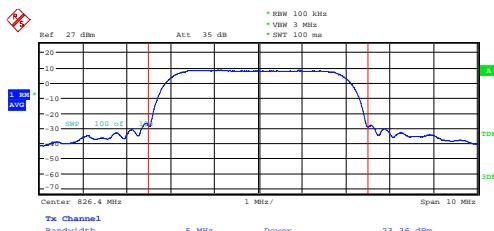
Date: 22.MAR.2018 10:15:08

## 6.2 Appendix II – Conducted Output Power Test Data

### 6.2.1 Part 22

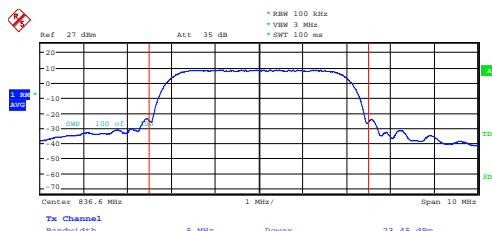
#### 6.2.1.1 WCDMA Band 5

##### Channel 4132 – QPSK



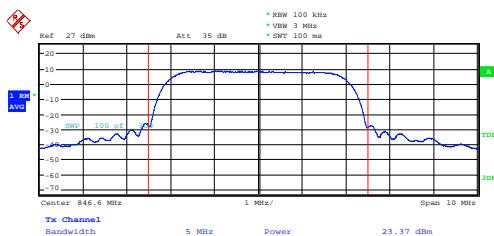
Date: 22.MAR.2018 11:06:07

##### Channel 4183 – QPSK



Date: 22.MAR.2018 11:06:39

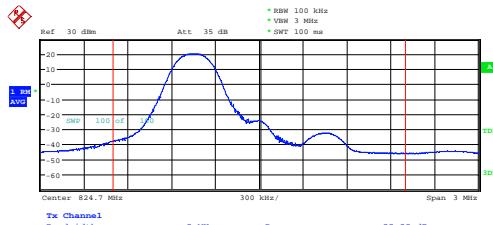
##### Channel 4233 – QPSK



Date: 22.MAR.2018 11:07:00

### 6.2.1.2 LTE Band 5

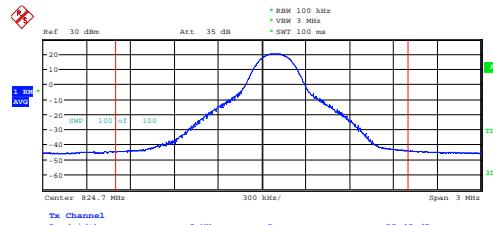
1.4 MHz – Ch: 20407 – RB# 1 RB Pos: 0



Date: 22.MAR.2018 12:38:20

1.4 MHz – Ch: 20407 – RB# 1 RB Pos: 3

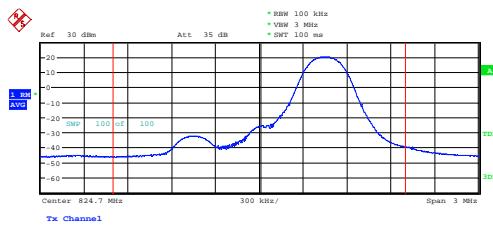
1.4 MHz – Ch: 20407 – RB# 1 RB Pos: 3



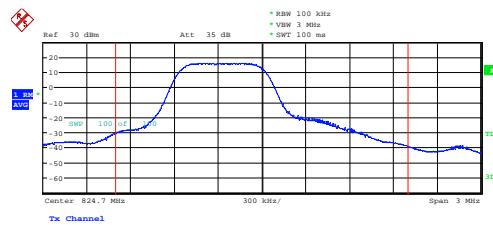
Date: 22.MAR.2018 12:38:42

1.4 MHz – Ch: 20407 – RB# 1 RB Pos: 5

1.4 MHz – Ch: 20407 – RB# 3 RB Pos: 0



Date: 22.MAR.2018 12:39:04

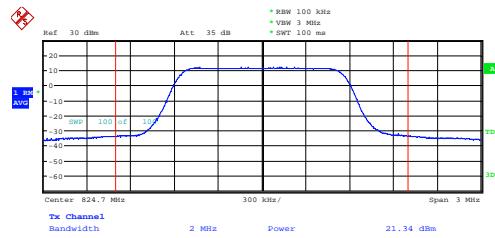


Date: 22.MAR.2018 12:39:25

1.4 MHz – Ch: 20407 – RB# 3 RB Pos: 3

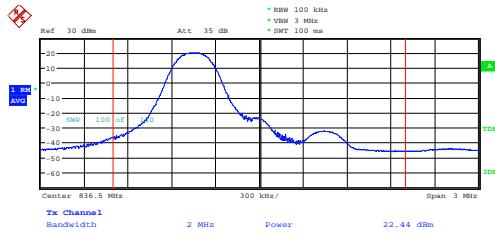


1.4 MHz – Ch: 20407 – RB# 6 RB Pos: 0



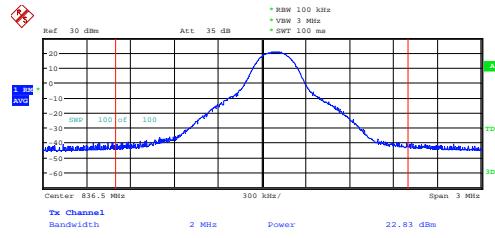
Date: 22.MAR.2018 12:39:47

1.4 MHz – Ch: 20525 – RB# 1 RB Pos: 0



Date: 22.MAR.2018 12:40:09

1.4 MHz – Ch: 20525 – RB# 1 RB Pos: 3



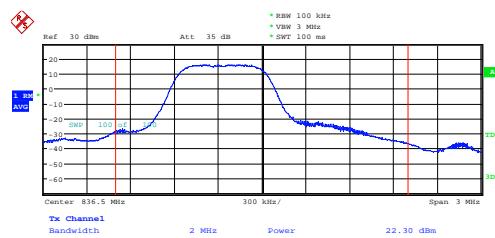
Date: 22.MAR.2018 12:40:30

1.4 MHz – Ch: 20525 – RB# 1 RB Pos: 5



Date: 22.MAR.2018 12:40:52

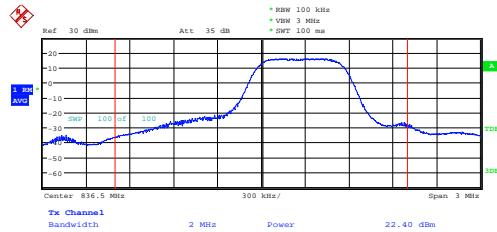
1.4 MHz – Ch: 20525 – RB# 3 RB Pos: 0



Date: 22.MAR.2018 12:41:14

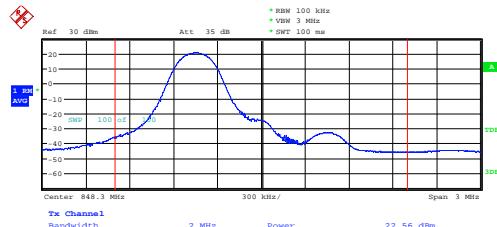
Date: 22.MAR.2018 12:41:36

1.4 MHz – Ch: 20525 – RB# 3 RB Pos: 3



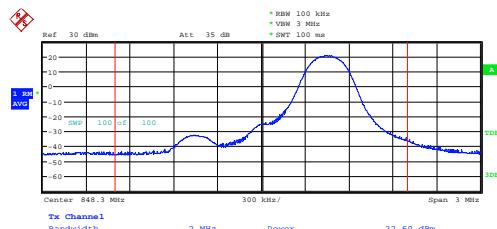
Date: 22.MAR.2018 12:41:57

1.4 MHz – Ch: 20643 – RB# 1 RB Pos: 0



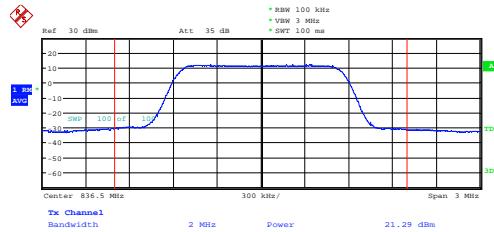
Date: 22.MAR.2018 12:42:41

1.4 MHz – Ch: 20643 – RB# 1 RB Pos: 5



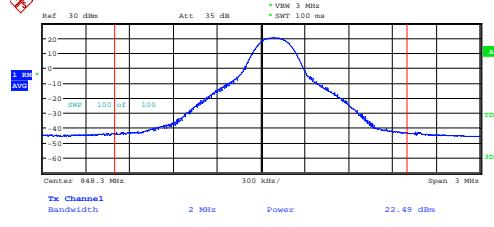
Date: 22.MAR.2018 12:43:24

1.4 MHz – Ch: 20525 – RB# 6 RB Pos: 0



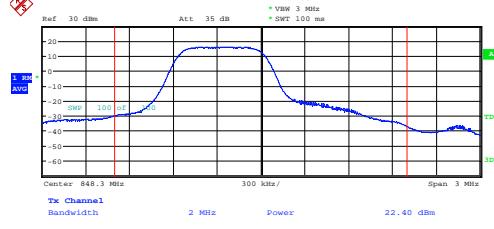
Date: 22.MAR.2018 12:42:19

1.4 MHz – Ch: 20643 – RB# 1 RB Pos: 3



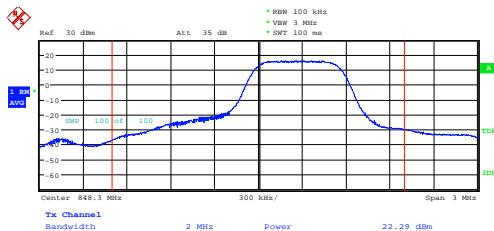
Date: 22.MAR.2018 12:43:03

1.4 MHz – Ch: 20643 – RB# 3 RB Pos: 0

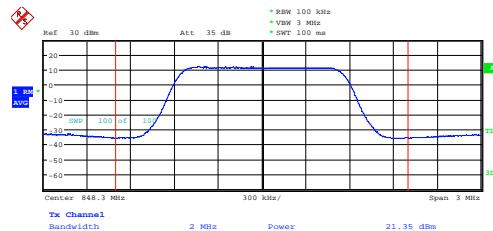


Date: 22.MAR.2018 12:43:46

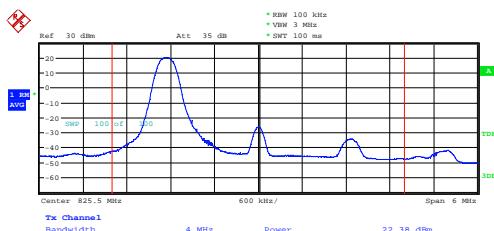
1.4 MHz – Ch: 20643 – RB# 3 RB Pos: 3



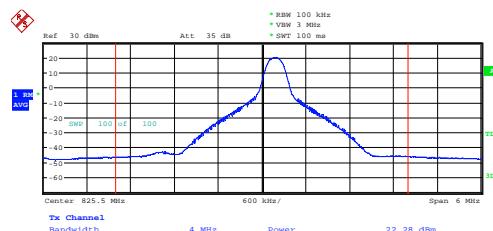
1.4 MHz – Ch: 20643 – RB# 6 RB Pos: 0



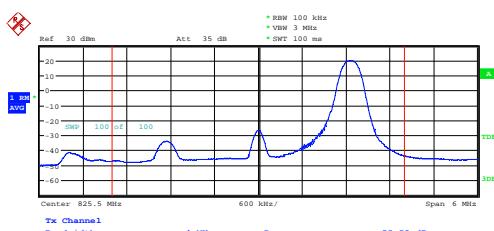
3 MHz – Ch: 20415 – RB# 1 RB Pos: 0



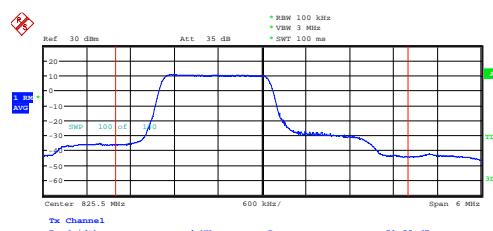
3 MHz – Ch: 20415 – RB# 1 RB Pos: 8



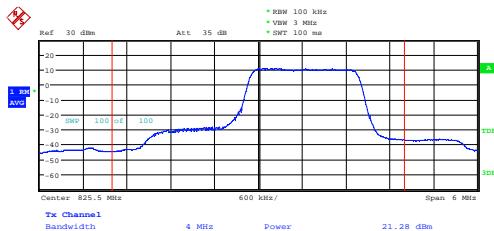
3 MHz – Ch: 20415 – RB# 1 RB Pos: 14



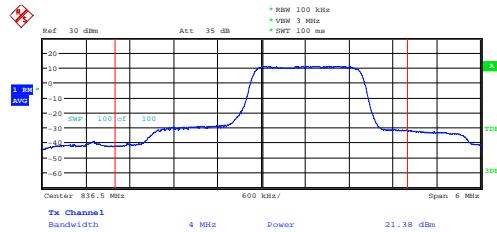
3 MHz – Ch: 20415 – RB# 8 RB Pos: 0



3 MHz – Ch: 20415 – RB# 8 RB Pos: 7

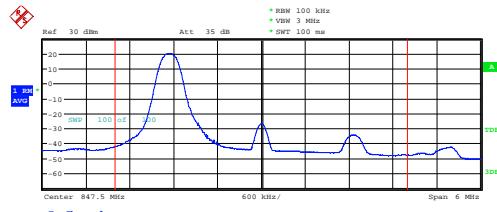


3 MHz – Ch: 20525 – RB# 8 RB Pos: 7



Date: 22.MAR.2018 12:48:29

3 MHz – Ch: 20635 – RB# 1 RB Pos: 0



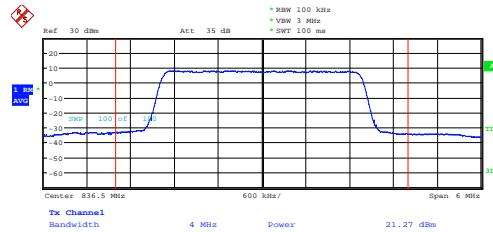
Date: 22.MAR.2018 12:49:12

3 MHz – Ch: 20635 – RB# 1 RB Pos: 14



Date: 22.MAR.2018 12:49:56

3 MHz – Ch: 20525 – RB# 15 RB Pos: 0



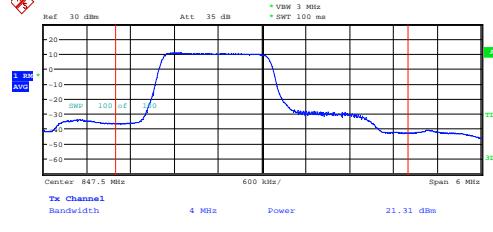
Date: 22.MAR.2018 12:48:50

3 MHz - Ch: 20635 - RB# 1 RB Pos: 8



Date: 22.MAR.2018 12:49:34

3 MHz - Ch: 20635 - RB# 8 RB Pos: 0

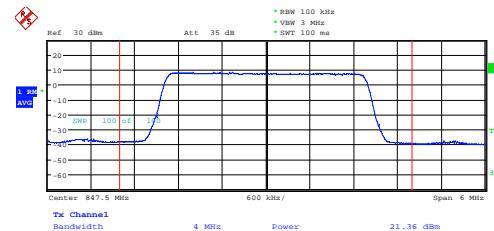


Date: 22.MAR.2018 12:50:18

3 MHz – Ch: 20635 – RB# 8 RB Pos: 7

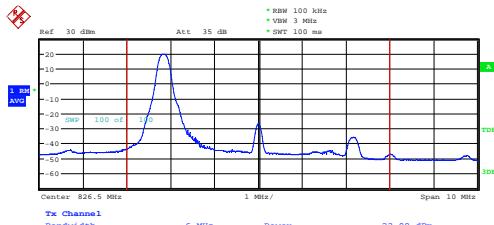


3 MHz – Ch: 20635 – RB# 15 RB Pos: 0

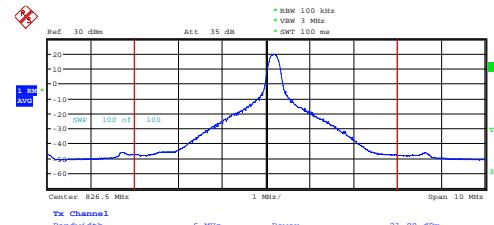


Date: 22.MAR.2018 12:50:39

5 MHz – Ch: 20425 – RB# 1 RB Pos: 0

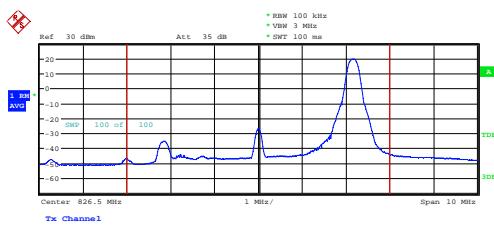


5 MHz – Ch: 20425 – RB# 1 RB Pos: 13



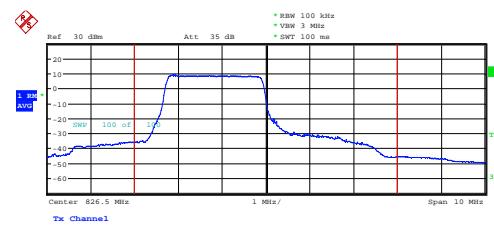
Date: 22.MAR.2018 12:51:23

5 MHz – Ch: 20425 – RB# 1 RB Pos: 24



Date: 22.MAR.2018 12:51:45

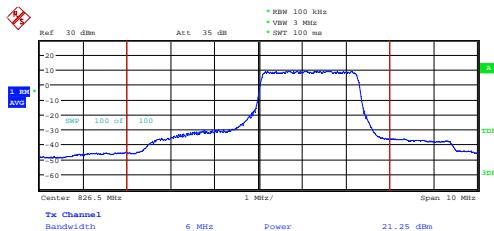
5 MHz – Ch: 20425 – RB# 12 RB Pos: 0



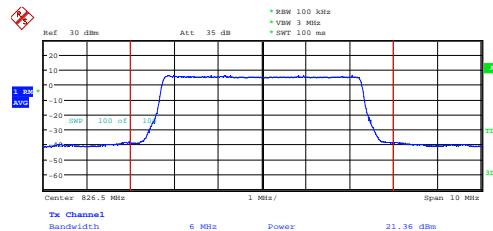
Date: 22.MAR.2018 12:52:07

Date: 22.MAR.2018 12:52:28

5 MHz – Ch: 20425 – RB# 12 RB Pos: 13

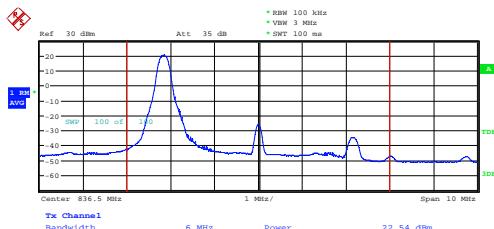


5 MHz – Ch: 20425 – RB# 25 RB Pos: 0



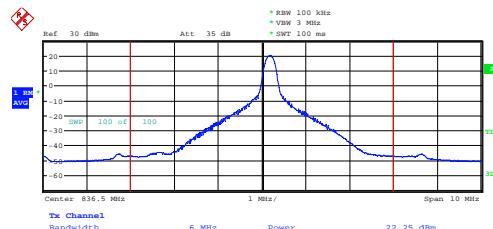
Date: 22.MAR.2018 12:52:50

5 MHz – Ch: 20525 – RB# 1 RB Pos: 0



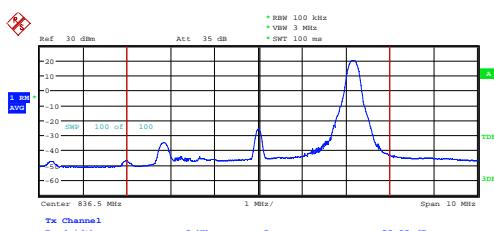
Date: 22.MAR.2018 12:53:12

5 MHz – Ch: 20525 – RB# 1 RB Pos: 13



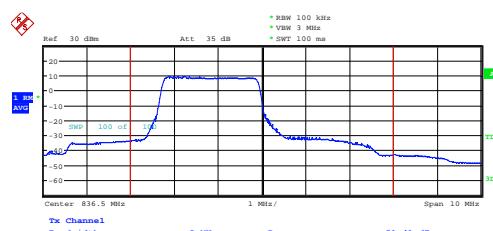
Date: 22.MAR.2018 12:53:34

5 MHz – Ch: 20525 – RB# 1 RB Pos: 24



Date: 22.MAR.2018 12:53:56

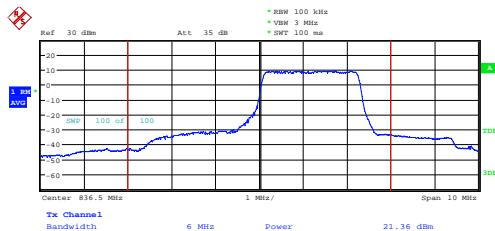
5 MHz – Ch: 20525 – RB# 12 RB Pos: 0



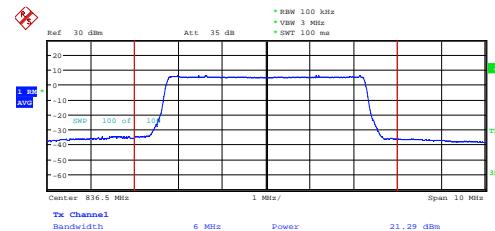
Date: 22.MAR.2018 12:54:17

Date: 22.MAR.2018 12:54:39

5 MHz – Ch: 20525 – RB# 12 RB Pos: 13

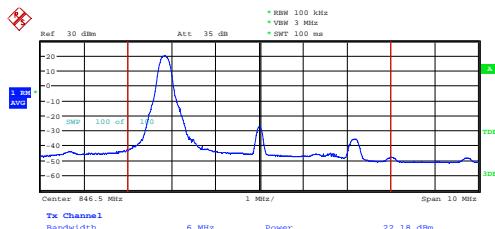


5 MHz – Ch: 20525 – RB# 25 RB Pos: 0



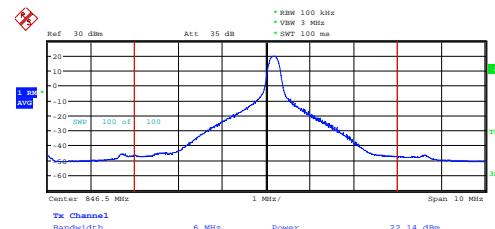
Date: 22.MAR.2018 12:55:01

5 MHz – Ch: 20625 – RB# 1 RB Pos: 0



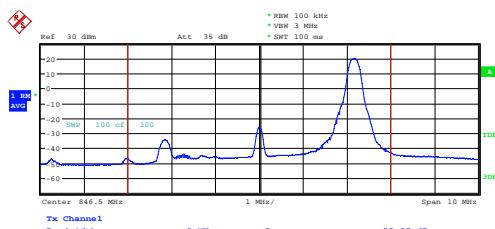
Date: 22.MAR.2018 12:55:23

5 MHz – Ch: 20625 – RB# 1 RB Pos: 13



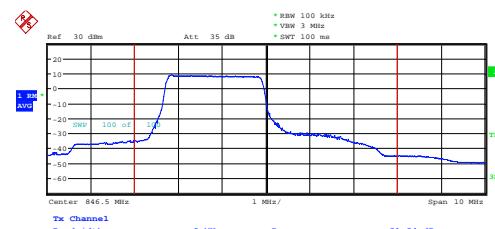
Date: 22.MAR.2018 12:55:44

5 MHz – Ch: 20625 – RB# 1 RB Pos: 24



Date: 22.MAR.2018 12:56:06

5 MHz – Ch: 20625 – RB# 12 RB Pos: 0



Date: 22.MAR.2018 12:56:28

Date: 22.MAR.2018 12:56:50

Report Number: 31851515.001

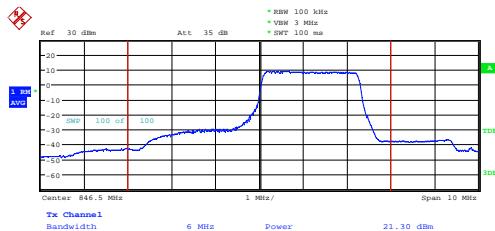
EUT: HSA-15

Issue Date: May 29, 2018

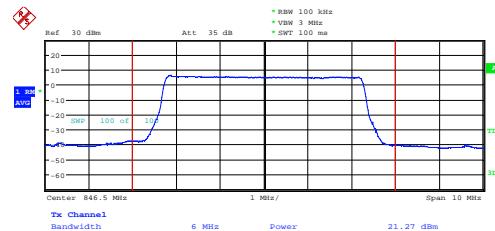
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FCCID: 2AHPN-HSA-15

5 MHz – Ch: 20625 – RB# 12 RB Pos: 13

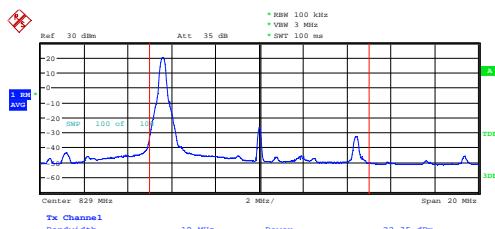


5 MHz – Ch: 20625 – RB# 25 RB Pos: 0



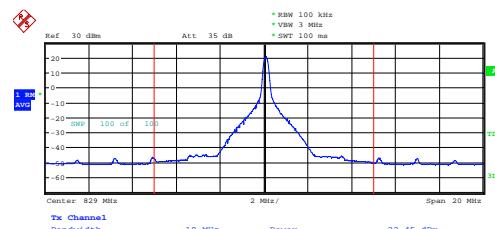
Date: 22.MAR.2018 12:57:12

10 MHz – Ch: 20450 – RB# 1 RB Pos: 0



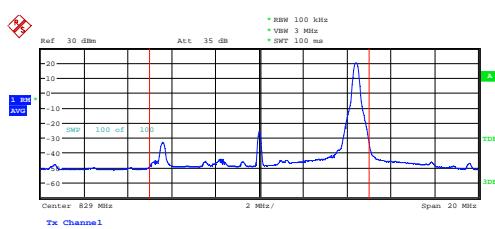
Date: 22.MAR.2018 12:57:33

10 MHz – Ch: 20450 – RB# 1 RB Pos: 25



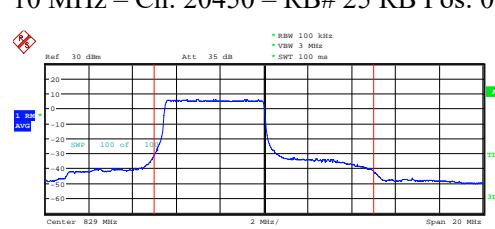
Date: 22.MAR.2018 12:57:55

10 MHz – Ch: 20450 – RB# 1 RB Pos: 49



Date: 22.MAR.2018 12:58:17

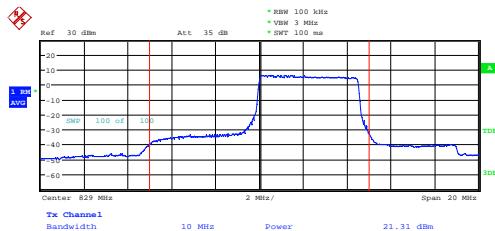
10 MHz – Ch: 20450 – RB# 25 RB Pos: 0



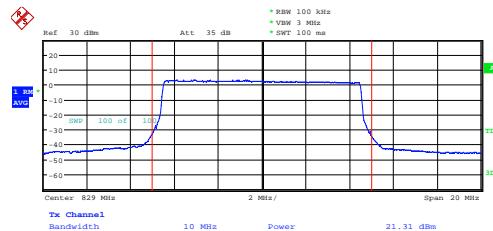
Date: 22.MAR.2018 12:58:39

Date: 22.MAR.2018 12:59:01

10 MHz – Ch: 20450 – RB# 25 RB Pos: 25

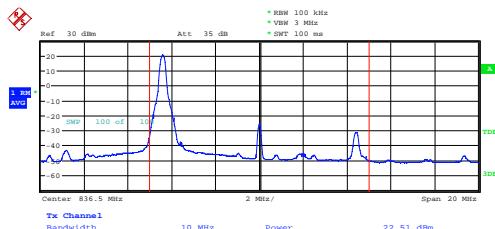


10 MHz – Ch: 20450 – RB# 50 RB Pos: 0



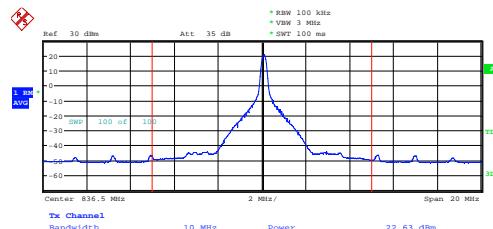
Date: 22.MAR.2018 12:59:23

10 MHz – Ch: 20525 – RB# 1 RB Pos: 0



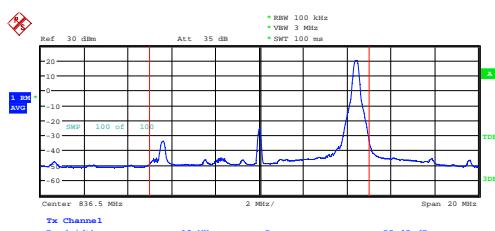
Date: 22.MAR.2018 12:59:45

10 MHz – Ch: 20525 – RB# 1 RB Pos: 25



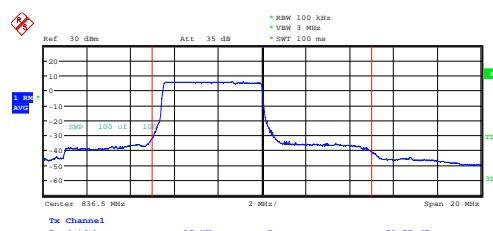
Date: 22.MAR.2018 13:00:07

10 MHz – Ch: 20525 – RB# 1 RB Pos: 49



Date: 22.MAR.2018 13:00:29

10 MHz – Ch: 20525 – RB# 25 RB Pos: 0



Date: 22.MAR.2018 13:00:51

Date: 22.MAR.2018 13:01:13

Report Number: 31851515.001

EUT: HSA-15

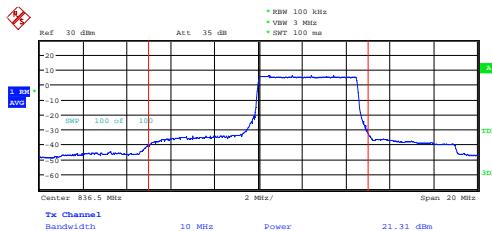
Issue Date: May 29, 2018

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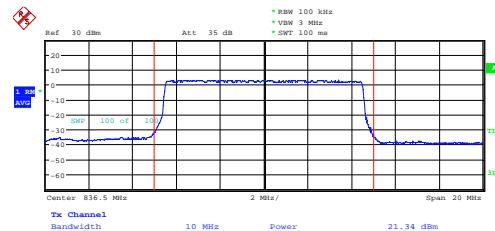
FCCID: 2AHPN-HSA-15

## Appendix II – Conducted Output Power Test Data

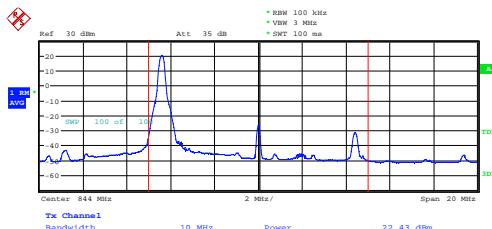
10 MHz – Ch: 20525 – RB# 25 RB Pos: 25



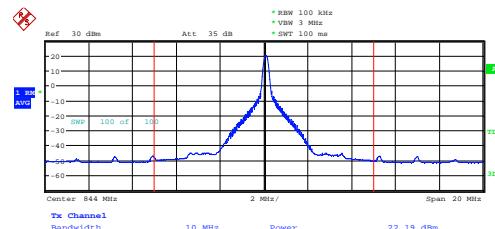
10 MHz – Ch: 20525 – RB# 50 RB Pos: 0



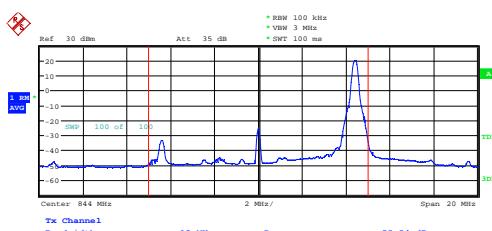
10 MHz – Ch: 20600 – RB# 1 RB Pos: 0



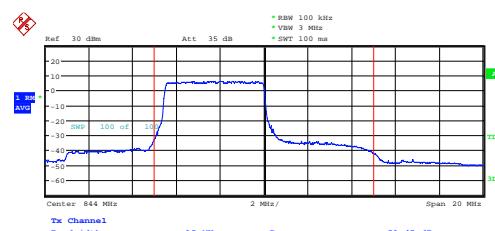
10 MHz – Ch: 20600 – RB# 1 RB Pos: 25



10 MHz – Ch: 20600 – RB# 1 RB Pos: 49



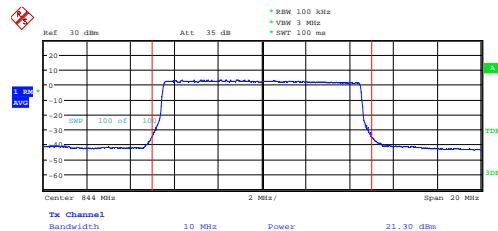
10 MHz – Ch: 20600 – RB# 25 RB Pos: 0



10 MHz – Ch: 20600 – RB# 25 RB Pos: 25



10 MHz – Ch: 20600 – RB# 50 RB Pos: 0



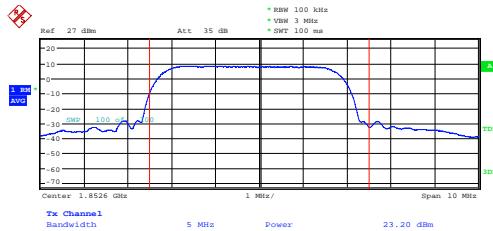
Date: 22.MAR.2018 13:03:47

Date: 22.MAR.2018 13:04:09

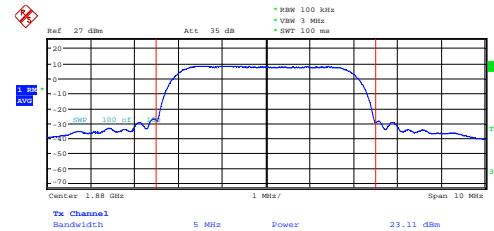
## 6.2.2 Part 24

### 6.2.2.1 WCDMA Band 2

Channel 9262 – QPSK



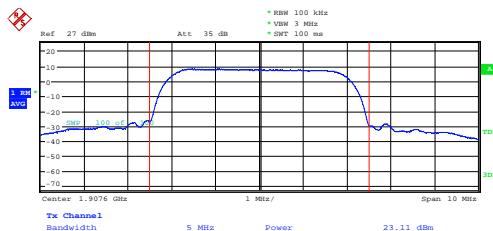
Channel 9400 – QPSK



Date: 22.MAR.2018 11:09:32

Date: 22.MAR.2018 11:09:54

Channel 9538 – QPSK



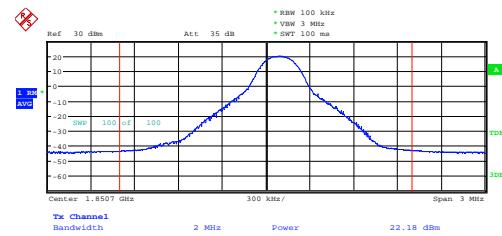
Date: 22.MAR.2018 11:10:12

### 6.2.2.2 LTE Band 2

1.4 MHz – Ch: 18607 – RB# 1 RB Pos: 0



1.4 MHz – Ch: 18607 – RB# 1 RB Pos: 3



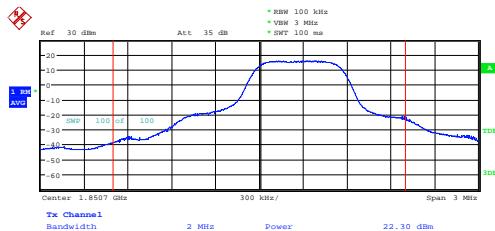
1.4 MHz – Ch: 18607 – RB# 1 RB Pos: 5



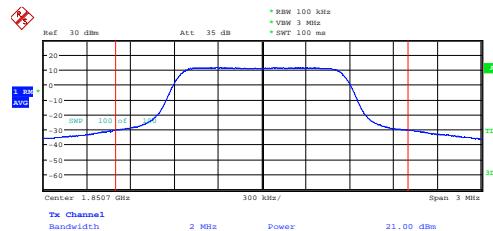
1.4 MHz – Ch: 18607 – RB# 3 RB Pos: 0



1.4 MHz – Ch: 18607 – RB# 3 RB Pos: 3

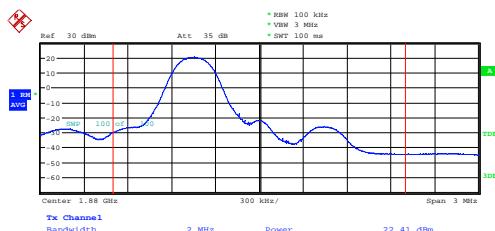


1.4 MHz – Ch: 18607 – RB# 6 RB Pos: 0

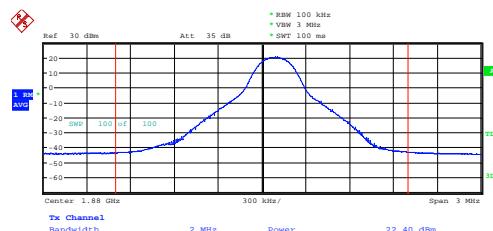


Date: 23.MAR.2018 12:21:49

1.4 MHz – Ch: 18900 – RB# 1 RB Pos: 0

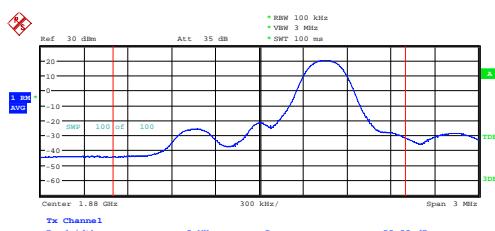


1.4 MHz – Ch: 18900 – RB# 1 RB Pos: 3



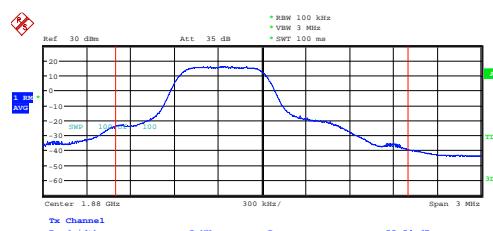
Date: 23.MAR.2018 12:22:43

1.4 MHz – Ch: 18900 – RB# 1 RB Pos: 5



Date: 23.MAR.2018 12:23:10

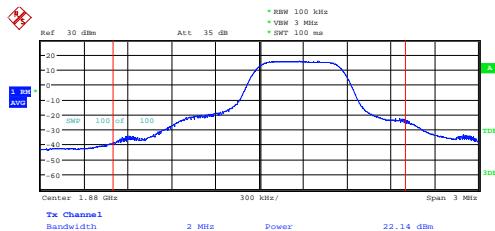
1.4 MHz – Ch: 18900 – RB# 3 RB Pos: 0



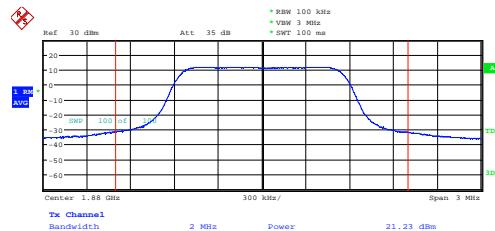
Date: 23.MAR.2018 12:23:37

Date: 23.MAR.2018 12:24:04

1.4 MHz – Ch: 18900 – RB# 3 RB Pos: 3

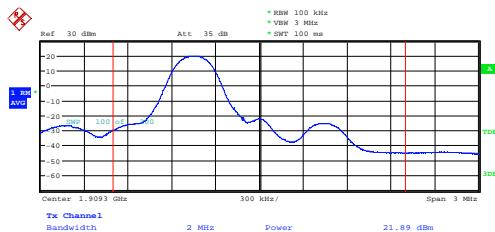


1.4 MHz – Ch: 18900 – RB# 6 RB Pos: 0



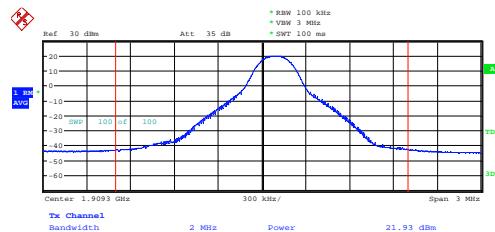
Date: 23.MAR.2018 12:24:31

1.4 MHz – Ch: 19193 – RB# 1 RB Pos: 0



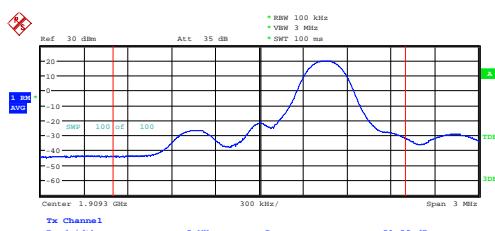
Date: 23.MAR.2018 12:24:58

1.4 MHz – Ch: 19193 – RB# 1 RB Pos: 3



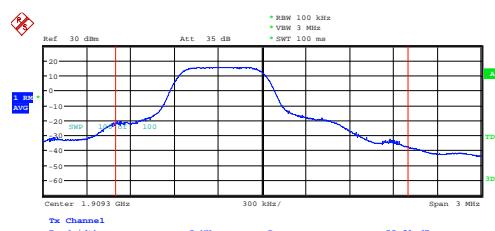
Date: 23.MAR.2018 12:25:25

1.4 MHz – Ch: 19193 – RB# 1 RB Pos: 5



Date: 23.MAR.2018 12:25:52

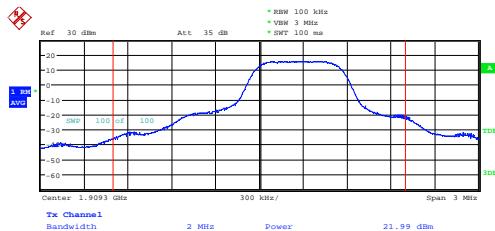
1.4 MHz – Ch: 19193 – RB# 3 RB Pos: 0



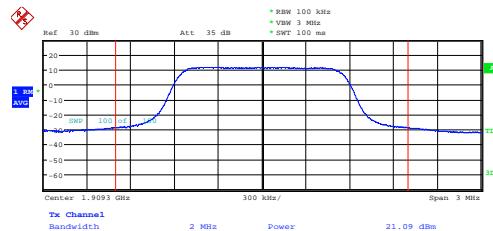
Date: 23.MAR.2018 12:26:19

Date: 23.MAR.2018 12:26:46

1.4 MHz – Ch: 19193 – RB# 3 RB Pos: 3

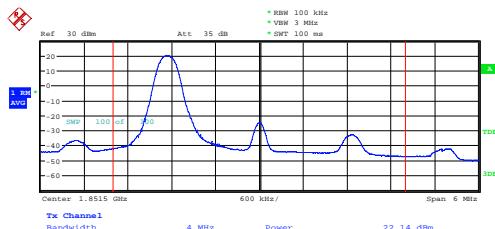


1.4 MHz – Ch: 19193 – RB# 6 RB Pos: 0



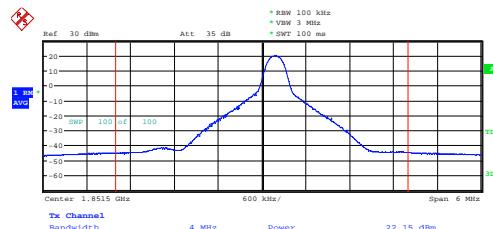
Date: 23.MAR.2018 12:27:13

3 MHz – Ch: 18615 – RB# 1 RB Pos: 0



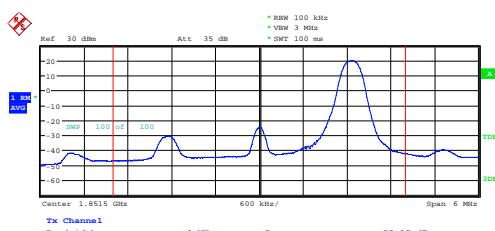
Date: 23.MAR.2018 12:27:40

3 MHz – Ch: 18615 – RB# 1 RB Pos: 8



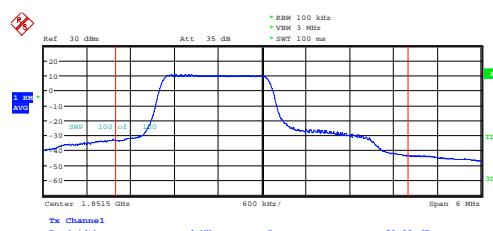
Date: 23.MAR.2018 12:28:07

3 MHz – Ch: 18615 – RB# 1 RB Pos: 14



Date: 23.MAR.2018 12:28:34

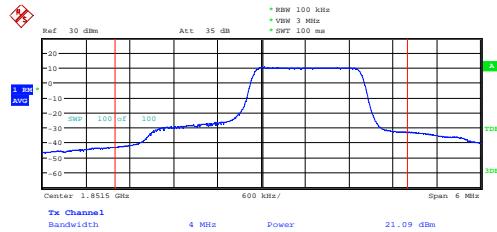
3 MHz – Ch: 18615 – RB# 8 RB Pos: 0



Date: 23.MAR.2018 12:29:01

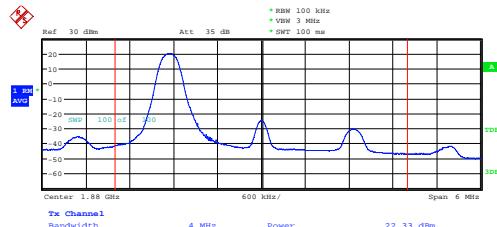
Date: 23.MAR.2018 12:29:28

3 MHz – Ch: 18615 – RB# 8 RB Pos: 7



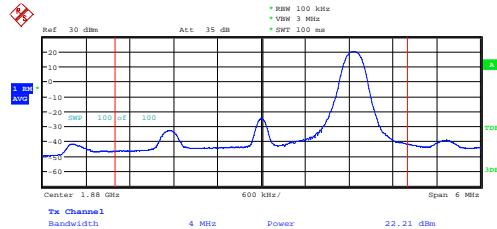
Date: 23.MAR.2018 12:29:55

3 MHz – Ch: 18900 – RB# 1 RB Pos: 0



Date: 23.MAR.2018 12:30:49

3 MHz – Ch: 18900 – RB# 1 RB Pos: 14



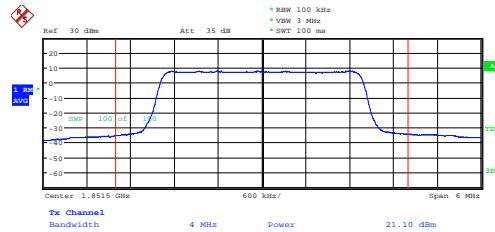
Date: 23.MAR.2018 12:31:43

Report Number: 31851515.001

EUT: HSA-15

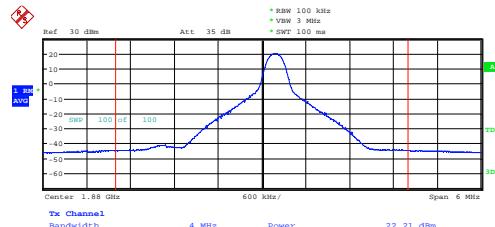
Issue Date: May 29, 2018

3 MHz – Ch: 18615 – RB# 15 RB Pos: 0



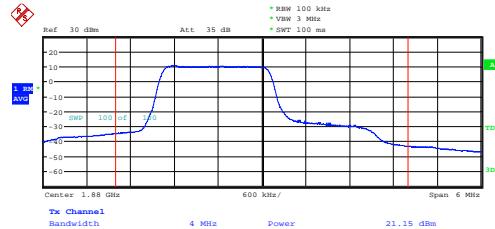
Date: 23.MAR.2018 12:30:22

3 MHz – Ch: 18900 – RB# 1 RB Pos: 8



Date: 23.MAR.2018 12:31:16

3 MHz – Ch: 18900 – RB# 8 RB Pos: 0

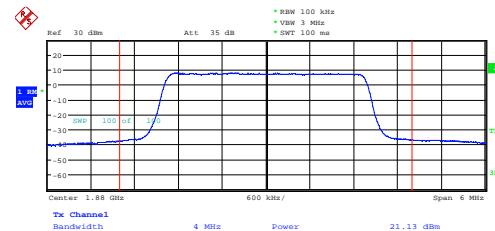


Date: 23.MAR.2018 12:32:10

3 MHz – Ch: 18900 – RB# 8 RB Pos: 7



3 MHz – Ch: 18900 – RB# 15 RB Pos: 0



Date: 23.MAR.2018 12:32:37

Date: 23.MAR.2018 12:33:04

3 MHz – Ch: 19185 – RB# 1 RB Pos: 0

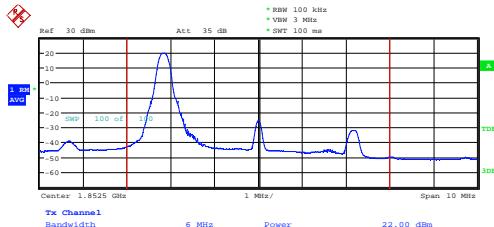
3 MHz – Ch: 19185 – RB# 1 RB Pos: 8

3 MHz – Ch: 19185 – RB# 1 RB Pos: 14

3 MHz – Ch: 19185 – RB# 8 RB Pos: 0

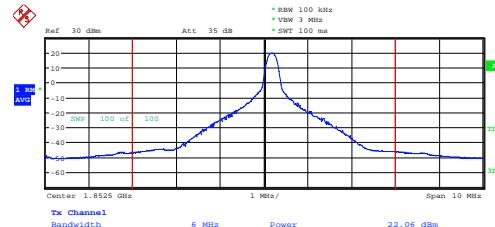
3 MHz – Ch: 19185 – RB# 8 RB Pos: 7

5 MHz – Ch: 18625 – RB# 1 RB Pos: 0



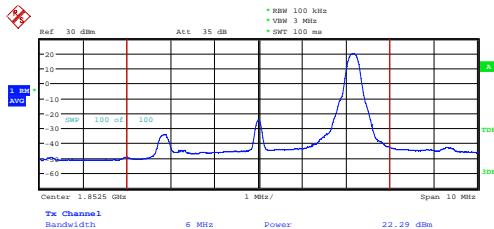
3 MHz – Ch: 19185 – RB# 15 RB Pos: 0

5 MHz – Ch: 18625 – RB# 1 RB Pos: 13



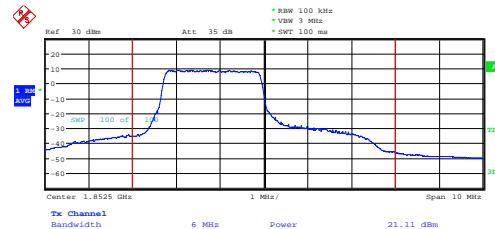
Date: 23.MAR.2018 12:36:12

5 MHz – Ch: 18625 – RB# 1 RB Pos: 24



Date: 23.MAR.2018 12:36:39

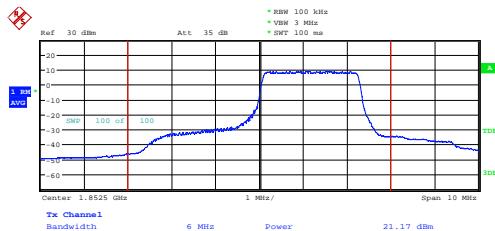
5 MHz – Ch: 18625 – RB# 12 RB Pos: 0



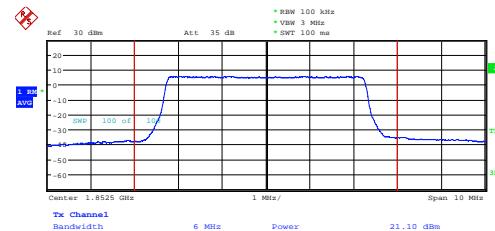
Date: 23.MAR.2018 12:37:06

Date: 23.MAR.2018 12:37:33

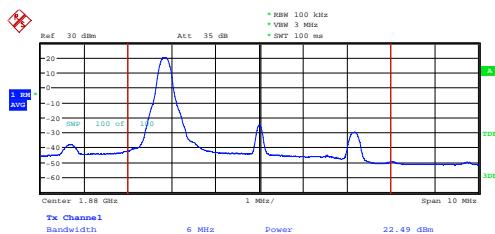
5 MHz – Ch: 18625 – RB# 12 RB Pos: 13



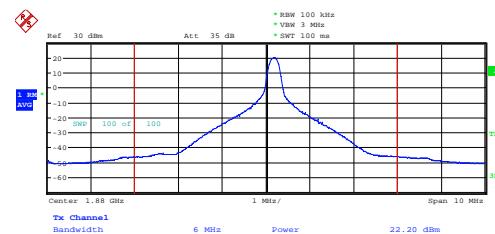
5 MHz – Ch: 18625 – RB# 25 RB Pos: 0



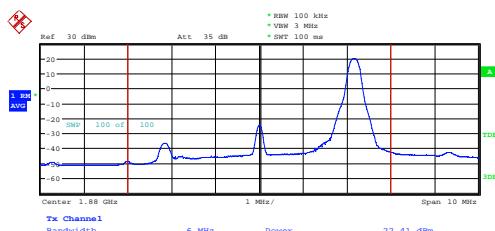
5 MHz – Ch: 18900 – RB# 1 RB Pos: 0



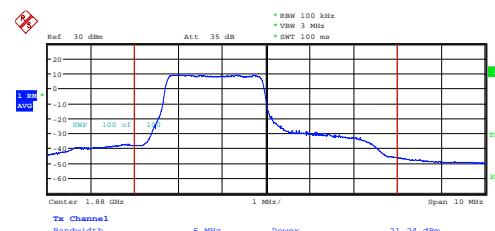
5 MHz – Ch: 18900 – RB# 1 RB Pos: 13



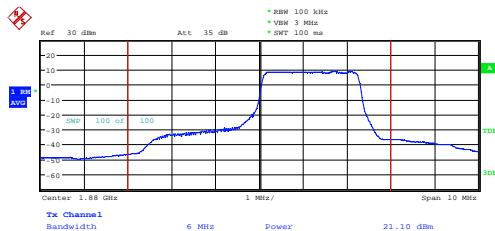
5 MHz – Ch: 18900 – RB# 1 RB Pos: 24



5 MHz – Ch: 18900 – RB# 12 RB Pos: 0

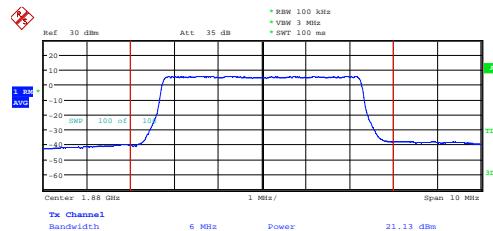


5 MHz – Ch: 18900 – RB# 12 RB Pos: 13



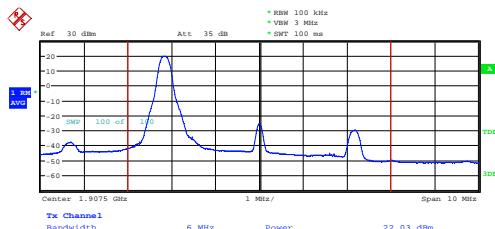
Date: 23.MAR.2018 12:40:42

5 MHz – Ch: 18900 – RB# 25 RB Pos: 0



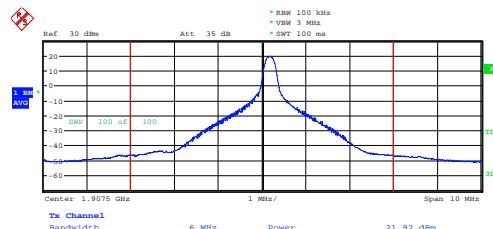
Date: 23.MAR.2018 12:41:09

5 MHz – Ch: 19175 – RB# 1 RB Pos: 0



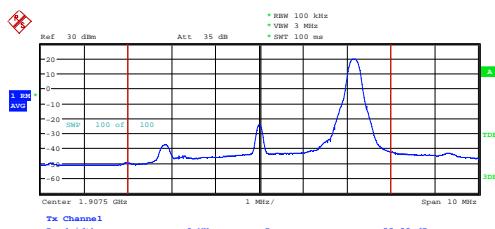
Date: 23.MAR.2018 12:41:36

5 MHz – Ch: 19175 – RB# 1 RB Pos: 13



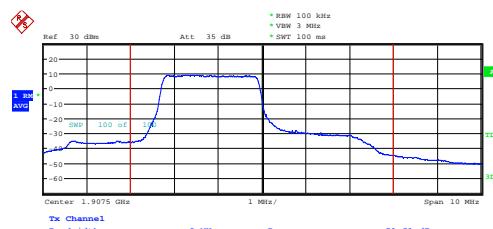
Date: 23.MAR.2018 12:42:03

5 MHz – Ch: 19175 – RB# 1 RB Pos: 24



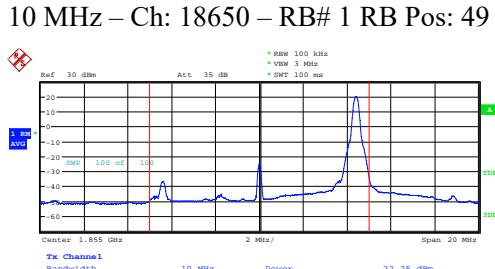
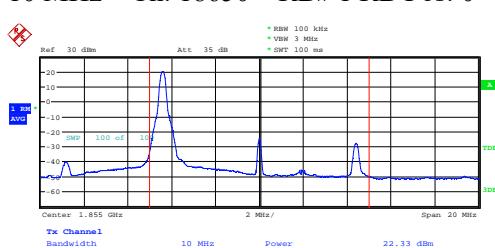
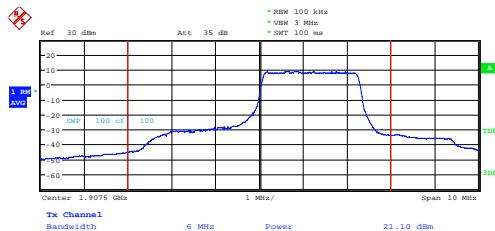
Date: 23.MAR.2018 12:42:30

5 MHz – Ch: 19175 – RB# 12 RB Pos: 0

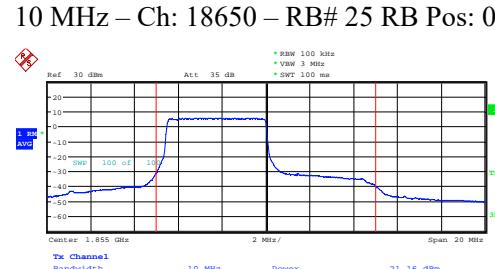
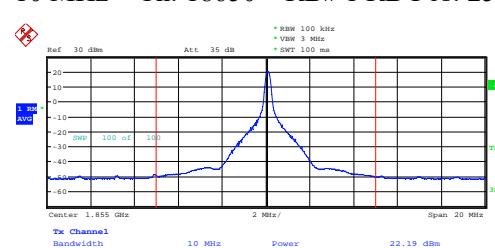
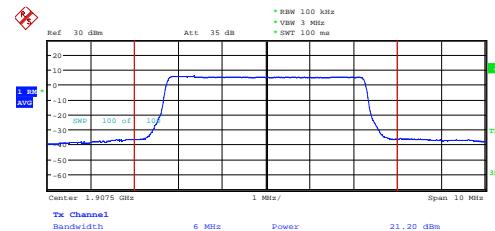


Date: 23.MAR.2018 12:42:57

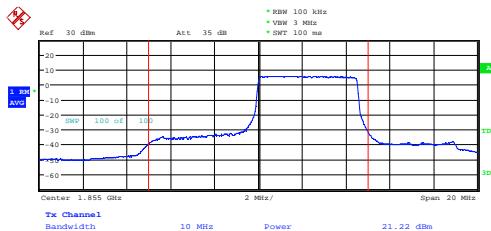
5 MHz – Ch: 19175 – RB# 12 RB Pos: 13



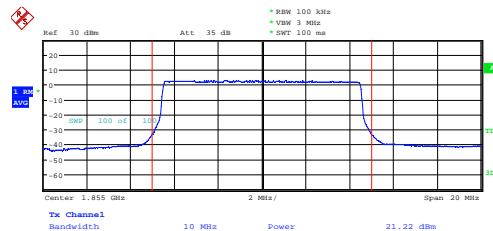
5 MHz – Ch: 19175 – RB# 25 RB Pos: 0



10 MHz – Ch: 18650 – RB# 25 RB Pos: 25

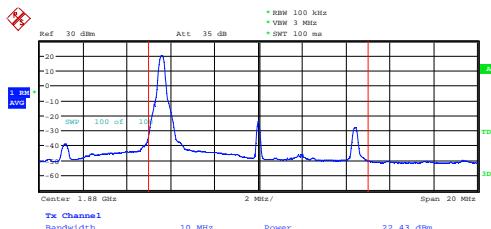


10 MHz – Ch: 18650 – RB# 50 RB Pos: 0

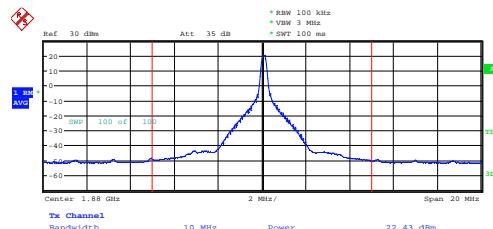


Date: 23.MAR.2018 12:46:07

10 MHz – Ch: 18900 – RB# 1 RB Pos: 0

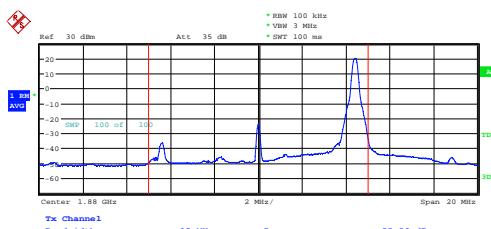


10 MHz – Ch: 18900 – RB# 1 RB Pos: 25



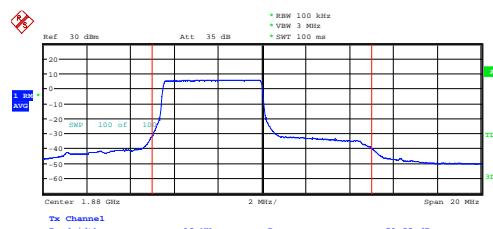
Date: 23.MAR.2018 12:47:02

10 MHz – Ch: 18900 – RB# 1 RB Pos: 49



Date: 23.MAR.2018 12:47:29

10 MHz – Ch: 18900 – RB# 25 RB Pos: 0



Date: 23.MAR.2018 12:47:56

Date: 23.MAR.2018 12:48:23

Report Number: 31851515.001

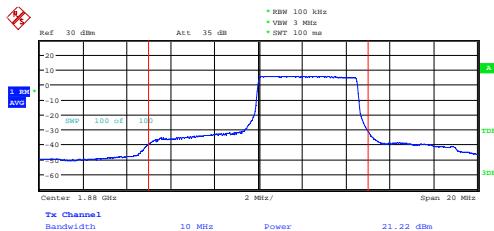
EUT: HSA-15

Issue Date: May 29, 2018

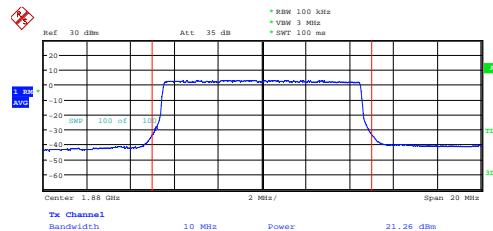
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FCCID: 2AHPN-HSA-15

10 MHz – Ch: 18900 – RB# 25 RB Pos: 25

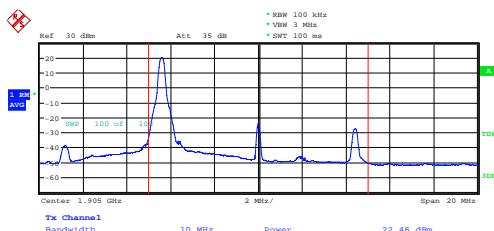


10 MHz – Ch: 18900 – RB# 50 RB Pos: 0



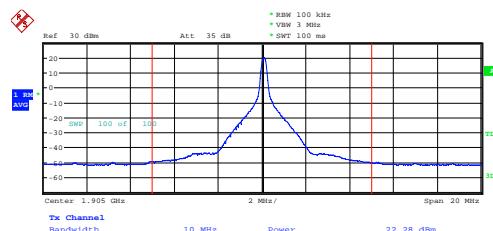
Date: 23.MAR.2018 12:48:51

10 MHz – Ch: 19150 – RB# 1 RB Pos: 0



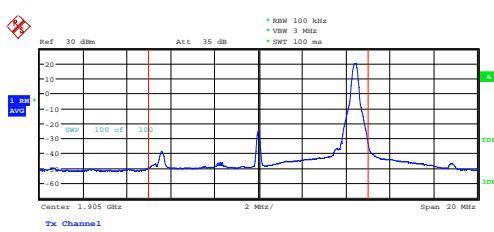
Date: 23.MAR.2018 12:49:18

10 MHz – Ch: 19150 – RB# 1 RB Pos: 25



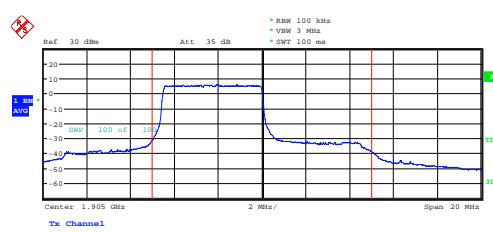
Date: 23.MAR.2018 12:49:45

10 MHz – Ch: 19150 – RB# 1 RB Pos: 49



Date: 23.MAR.2018 12:50:12

10 MHz – Ch: 19150 – RB# 25 RB Pos: 0



Date: 23.MAR.2018 12:50:39

Date: 23.MAR.2018 12:51:07

Report Number: 31851515.001

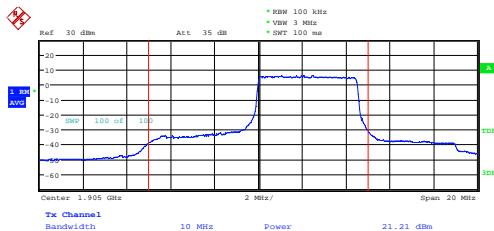
EUT: HSA-15

Issue Date: May 29, 2018

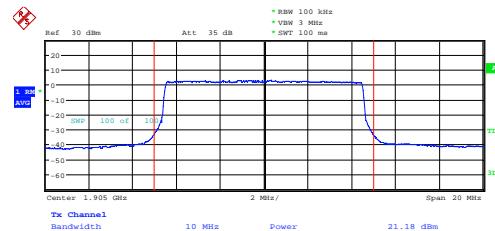
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FCCID: 2AHPN-HSA-15

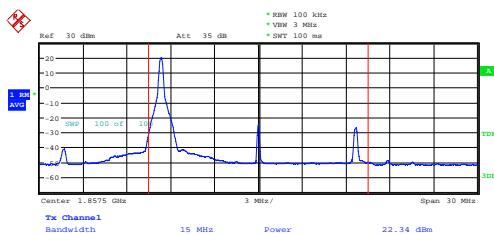
10 MHz – Ch: 19150 – RB# 25 RB Pos: 25



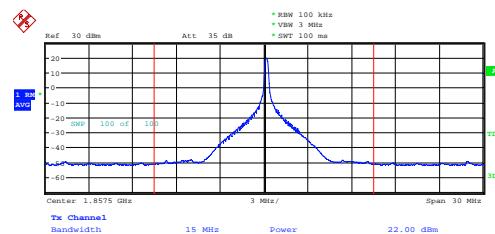
10 MHz – Ch: 19150 – RB# 50 RB Pos: 0



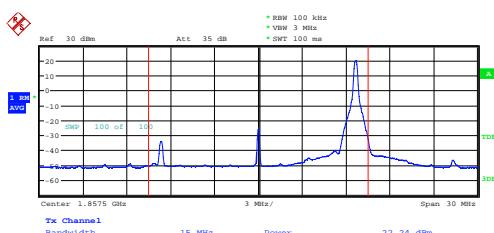
15 MHz – Ch: 18675 – RB# 1 RB Pos: 0



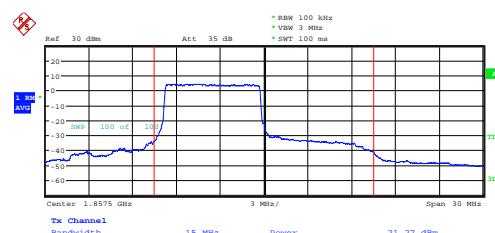
15 MHz – Ch: 18675 – RB# 1 RB Pos: 38



15 MHz – Ch: 18675 – RB# 1 RB Pos: 74

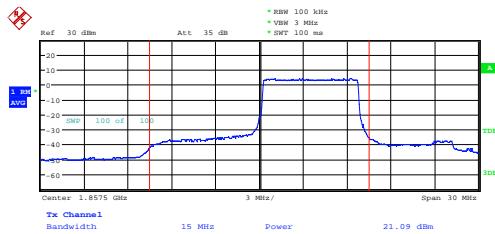


15 MHz – Ch: 18675 – RB# 36 RB Pos: 0

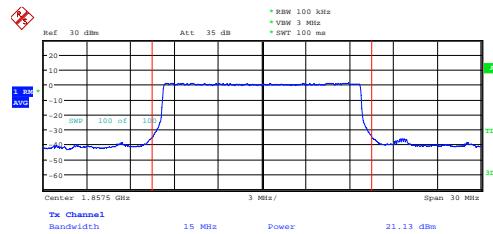


## Appendix II – Conducted Output Power Test Data

15 MHz – Ch: 18675 – RB# 36 RB Pos: 39

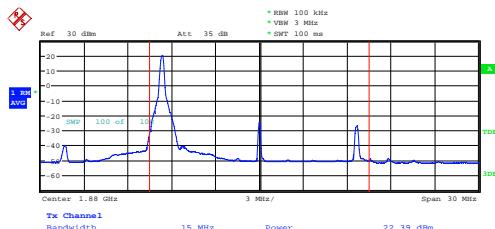


15 MHz – Ch: 18675 – RB# 75 RB Pos: 0

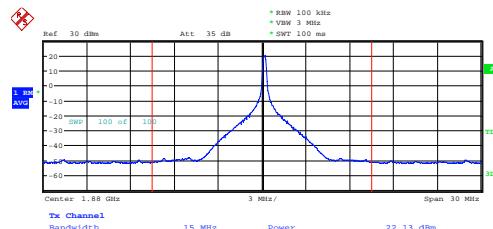


Date: 23.MAR.2018 12:54:16

15 MHz – Ch: 18900 – RB# 1 RB Pos: 0

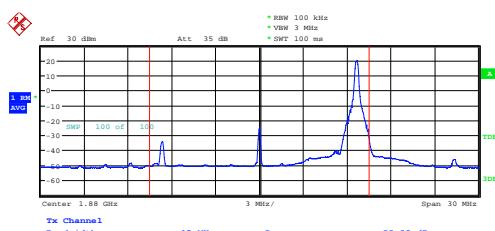


15 MHz – Ch: 18900 – RB# 1 RB Pos: 38



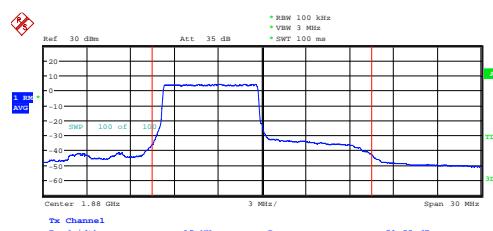
Date: 23.MAR.2018 12:55:10

15 MHz – Ch: 18900 – RB# 1 RB Pos: 74



Date: 23.MAR.2018 12:55:37

15 MHz – Ch: 18900 – RB# 36 RB Pos: 0



Date: 23.MAR.2018 12:56:04

Date: 23.MAR.2018 12:56:31

Report Number: 31851515.001

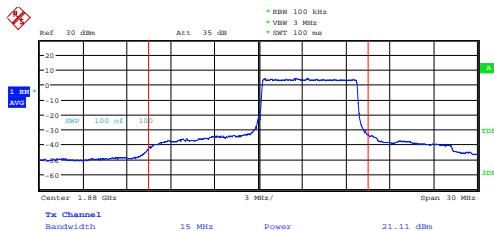
EUT: HSA-15

Issue Date: May 29, 2018

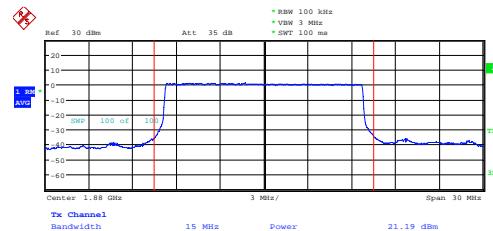
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FCCID: 2AHPN-HSA-15

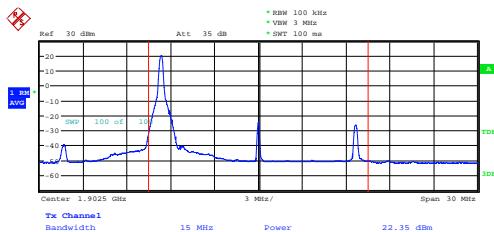
15 MHz – Ch: 18900 – RB# 36 RB Pos: 39



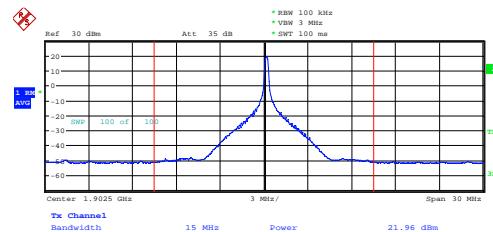
15 MHz – Ch: 18900 – RB# 75 RB Pos: 0



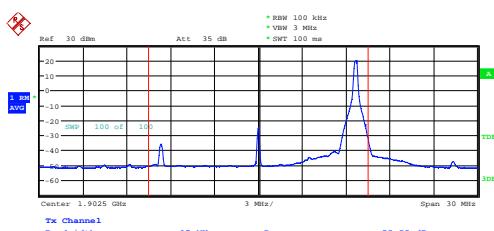
15 MHz – Ch: 19125 – RB# 1 RB Pos: 0



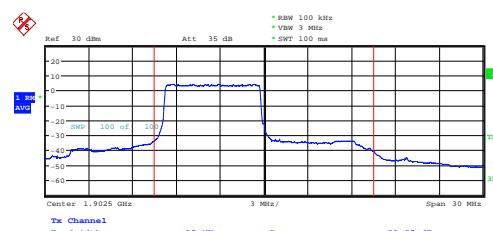
15 MHz – Ch: 19125 – RB# 1 RB Pos: 38



15 MHz – Ch: 19125 – RB# 1 RB Pos: 74

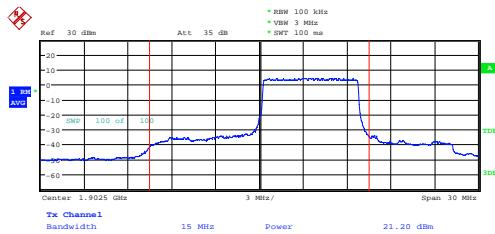


15 MHz – Ch: 19125 – RB# 36 RB Pos: 0

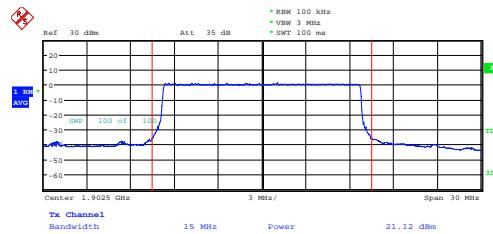


## Appendix II – Conducted Output Power Test Data

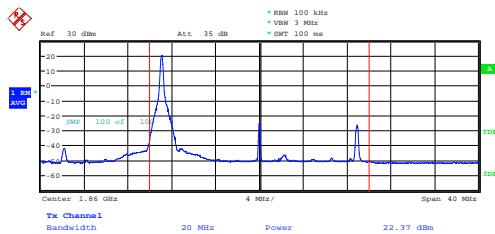
15 MHz – Ch: 19125 – RB# 36 RB Pos: 39



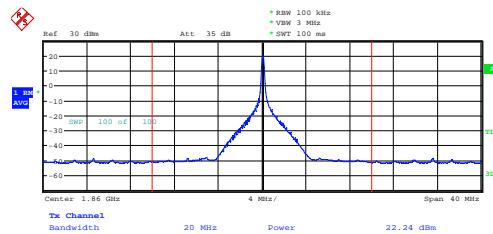
15 MHz – Ch: 19125 – RB# 75 RB Pos: 0



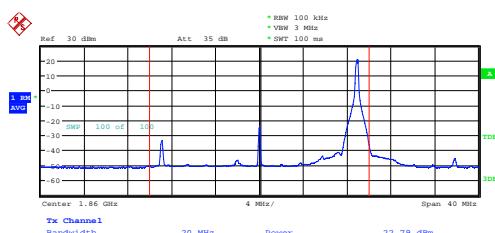
20 MHz – Ch: 18700 – RB# 1 RB Pos: 0



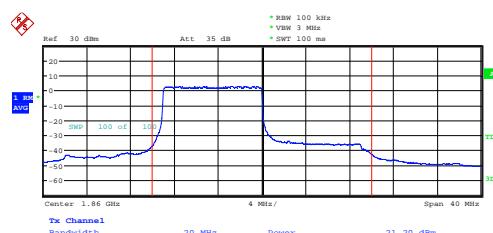
20 MHz – Ch: 18700 – RB# 1 RB Pos: 50



20 MHz – Ch: 18700 – RB# 1 RB Pos: 99

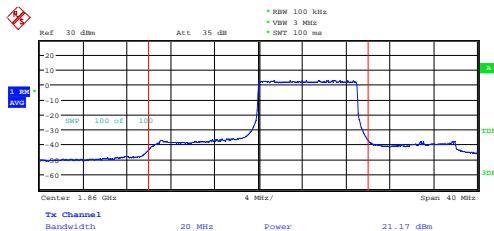


20 MHz – Ch: 18700 – RB# 50 RB Pos: 0

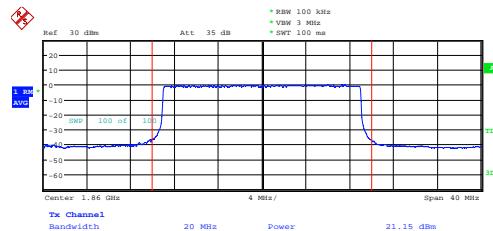


## Appendix II – Conducted Output Power Test Data

20 MHz – Ch: 18700 – RB# 50 RB Pos: 99

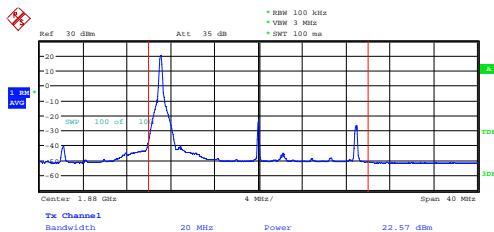


20 MHz – Ch: 18700 – RB# 100 RB Pos: 0



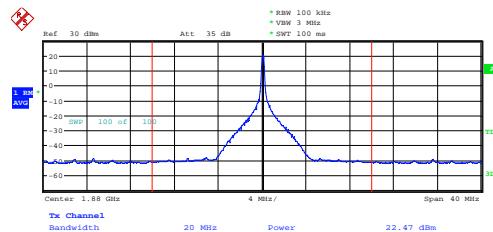
Date: 23.MAR.2018 13:02:22

20 MHz – Ch: 18900 – RB# 1 RB Pos: 0



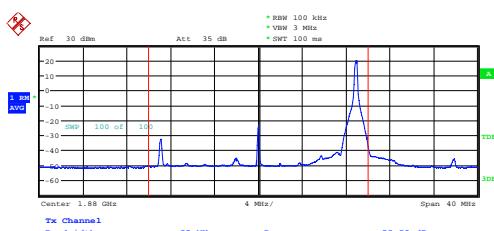
Date: 23.MAR.2018 13:02:49

20 MHz – Ch: 18900 – RB# 1 RB Pos: 50



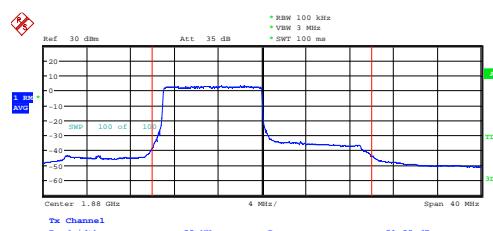
Date: 23.MAR.2018 13:03:16

20 MHz – Ch: 18900 – RB# 1 RB Pos: 99



Date: 23.MAR.2018 13:03:43

20 MHz – Ch: 18900 – RB# 50 RB Pos: 0



Date: 30.MAR.2018 14:13:48

Date: 23.MAR.2018 13:04:37

Report Number: 31851515.001

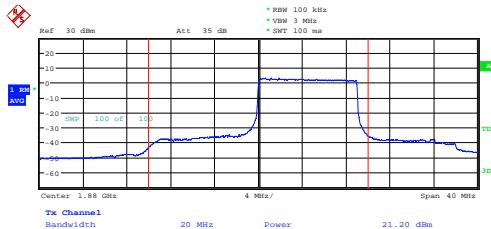
EUT: HSA-15

Issue Date: May 29, 2018

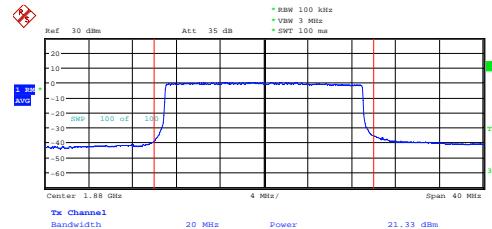
Page 139 of 215

FCCID: 2AHPN-HSA-15

20 MHz – Ch: 18900 – RB# 50 RB Pos: 99

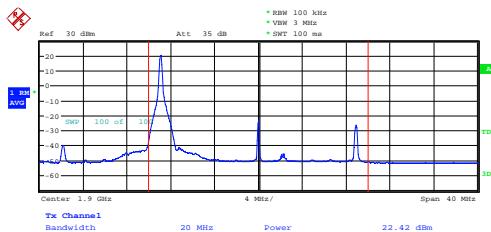


20 MHz – Ch: 18900 – RB# 100 RB Pos: 0



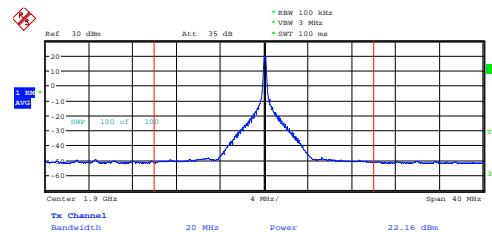
Date: 23.MAR.2018 13:05:04

20 MHz – Ch: 19100 – RB# 1 RB Pos: 0



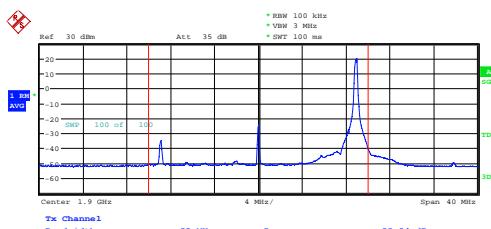
Date: 23.MAR.2018 13:05:31

20 MHz – Ch: 19100 – RB# 1 RB Pos: 50



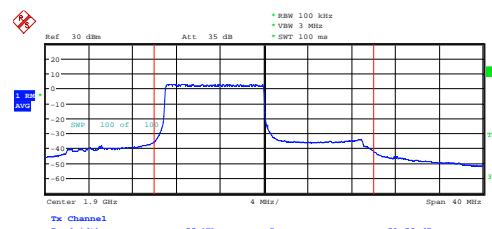
Date: 23.MAR.2018 13:05:58

20 MHz – Ch: 19100 – RB# 1 RB Pos: 99



Date: 23.MAR.2018 13:06:25

20 MHz – Ch: 19100 – RB# 50 RB Pos: 0



Date: 23.MAR.2018 13:33:01

Date: 23.MAR.2018 13:07:19

Report Number: 31851515.001

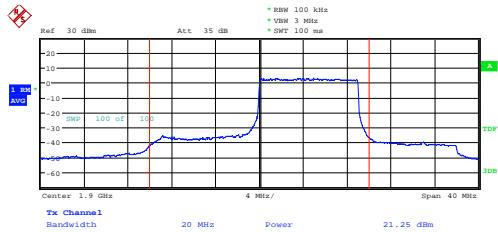
EUT: HSA-15

Issue Date: May 29, 2018

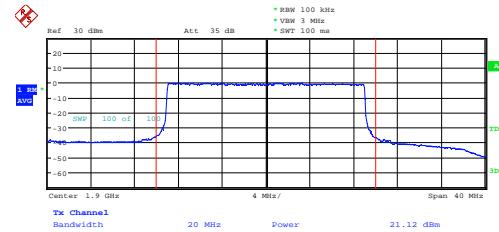
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FCCID: 2AHPN-HSA-15

20 MHz – Ch: 19100 – RB# 50 RB Pos: 99



20 MHz – Ch: 19100 – RB# 100 RB Pos: 0



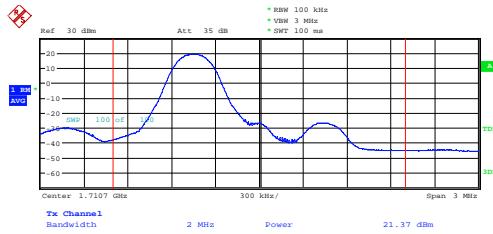
Date: 23.MAR.2018 13:07:45

Date: 23.MAR.2018 13:08:12

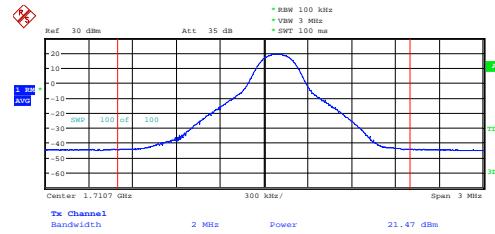
## 6.2.3 Part 27

### 6.2.3.1 LTE Band 4

1.4 MHz – Ch: 19957 – RB# 1 RB Pos: 0



1.4 MHz – Ch: 19957 – RB# 1 RB Pos: 3



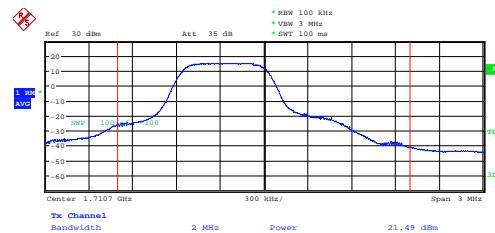
Date: 22.MAR.2018 13:30:16

1.4 MHz – Ch: 19957 – RB# 1 RB Pos: 5



Date: 22.MAR.2018 13:30:43

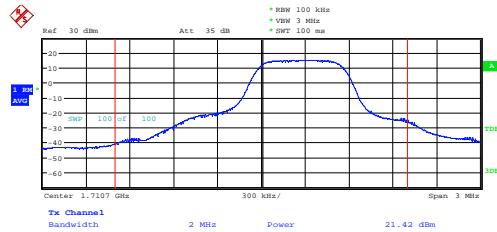
1.4 MHz – Ch: 19957 – RB# 3 RB Pos: 0



Date: 22.MAR.2018 13:31:10

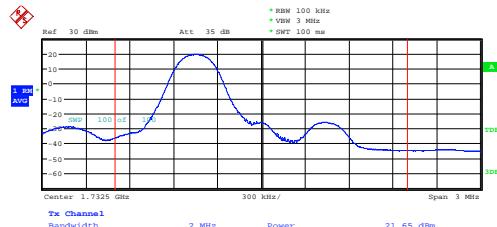
Date: 22.MAR.2018 13:31:37

1.4 MHz – Ch: 19957 – RB# RB Pos: 3



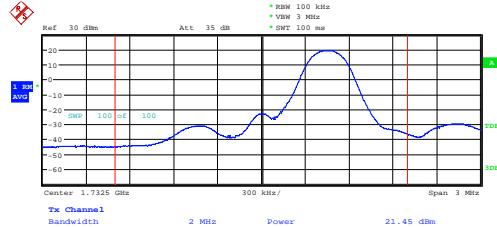
Date: 22.MAR.2018 13:32:04

1.4 MHz – Ch: 20175 – RB# 1 RB Pos: 0



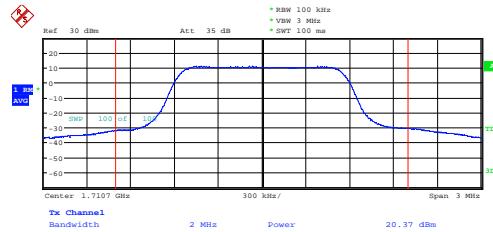
Date: 22.MAR.2018 13:32:58

1.4 MHz – Ch: 20175 – RB# 1 RB Pos: 5



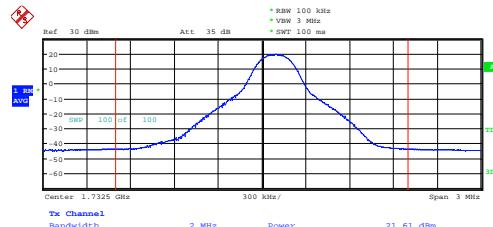
Date: 22.MAR.2018 13:33:52

1.4 MHz – Ch: 19957 – RB# 6 RB Pos: 0



Date: 22.MAR.2018 13:32:31

1.4 MHz – Ch: 20175 – RB# 1 RB Pos: 3



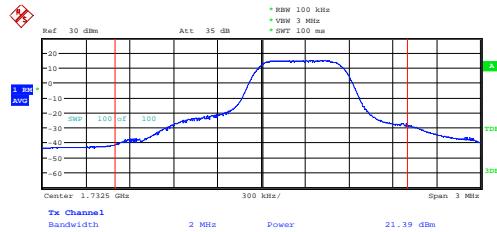
Date: 22.MAR.2018 13:33:25

1.4 MHz – Ch: 20175 – RB# 3 RB Pos: 0



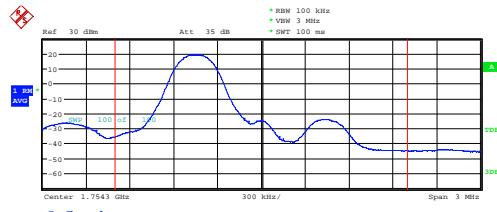
Date: 22.MAR.2018 13:34:19

1.4 MHz – Ch: 20175 – RB# 3 RB Pos: 3



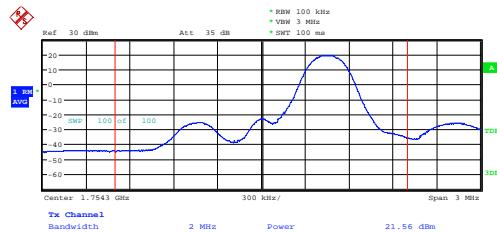
Date: 22.MAR.2018 13:34:46

1.4 MHz – Ch: 20393 – RB# 1 RB Pos: 0



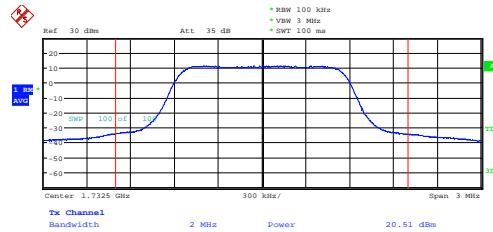
Date: 22.MAR.2018 13:35:40

1.4 MHz – Ch: 20393 – RB# 1 RB Pos: 5



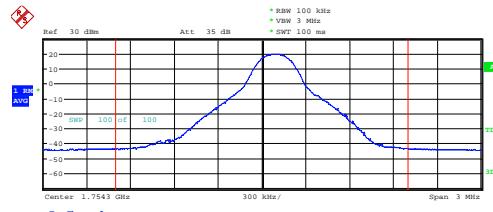
Date: 22.MAR.2018 13:36:34

1.4 MHz – Ch: 20175 – RB# 6 RB Pos: 0



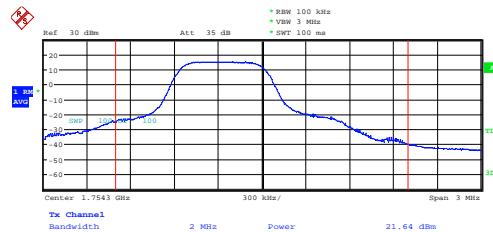
Date: 22.MAR.2018 13:35:13

1.4 MHz – Ch: 20393 – RB# 1 RB Pos: 3



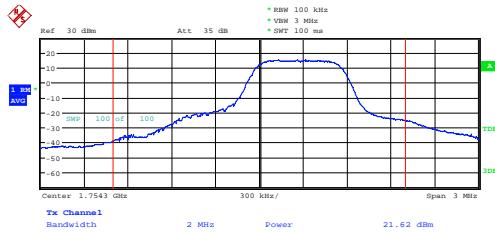
Date: 22.MAR.2018 13:36:07

1.4 MHz – Ch: 20393– RB# 3 RB Pos: 0

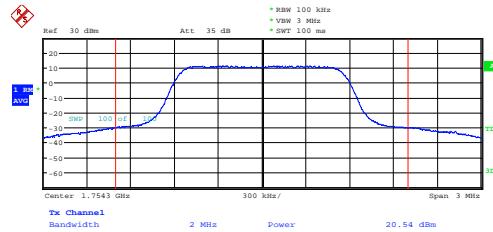


Date: 22.MAR.2018 13:37:00

1.4 MHz – Ch: 20393– RB# 3 RB Pos: 3

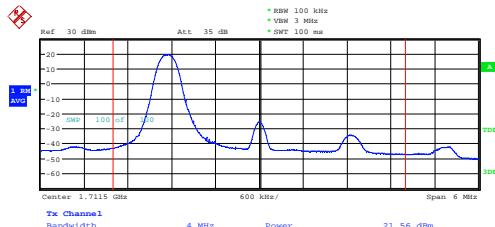


1.4 MHz – Ch: 20393– RB# 6 RB Pos: 0

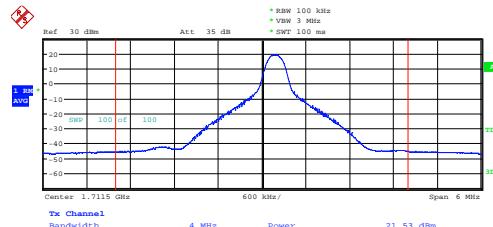


Date: 22.MAR.2018 13:37:27

3 MHz – Ch: 19965– RB# 1 RB Pos: 0

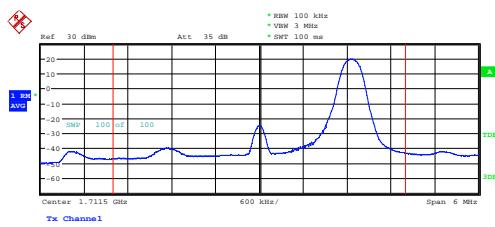


3 MHz – Ch: 19965– RB# 1 RB Pos: 8



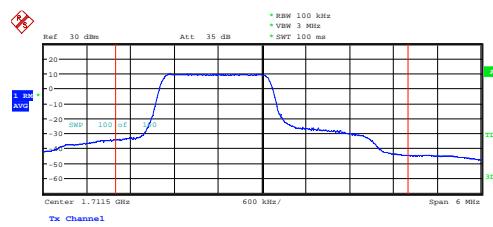
Date: 22.MAR.2018 13:38:22

3 MHz – Ch: 19965– RB# 1 RB Pos: 14



Date: 22.MAR.2018 13:38:48

3 MHz – Ch: 19965– RB# 8 RB Pos: 0



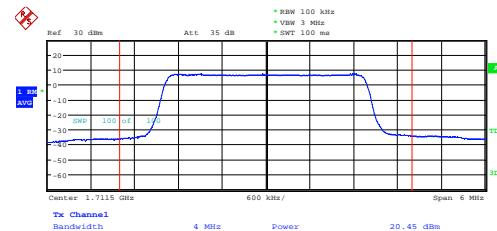
Date: 22.MAR.2018 13:39:15

Date: 22.MAR.2018 13:39:42

3 MHz – Ch: 19965– RB# 8 RB Pos: 7

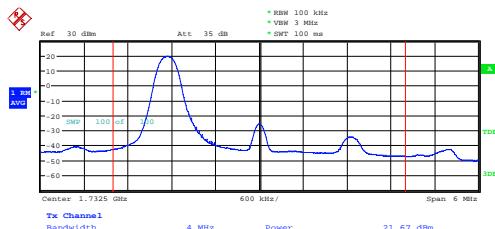


3 MHz – Ch: 19965– RB# 15 RB Pos: 0



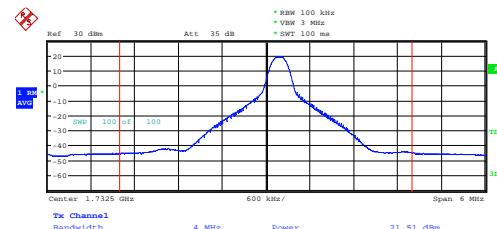
Date: 22.MAR.2018 13:40:09

3 MHz – Ch: 20175– RB# 1 RB Pos: 0



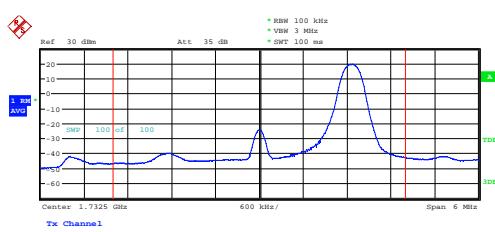
Date: 22.MAR.2018 13:40:36

3 MHz – Ch: 20175– RB# 1 RB Pos: 8



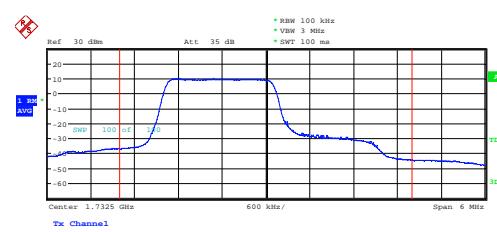
Date: 22.MAR.2018 13:41:03

3 MHz – Ch: 20175– RB# 1 RB Pos: 14



Date: 22.MAR.2018 13:41:30

3 MHz – Ch: 20175– RB# 18RB Pos: 0



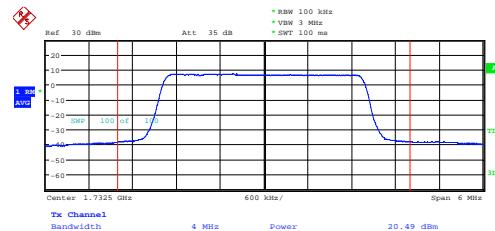
Date: 22.MAR.2018 13:41:57

Date: 22.MAR.2018 13:42:24

3 MHz – Ch: 20175– RB# 8 RB Pos: 7

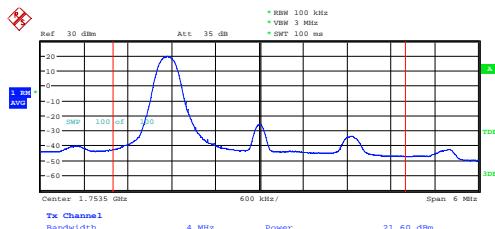


3 MHz – Ch: 20175– RB# 15 RB Pos: 0



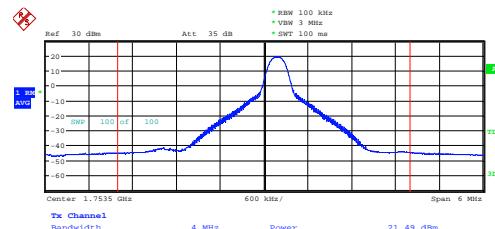
Date: 22.MAR.2018 13:42:51

3 MHz – Ch: 20385– RB# 1 RB Pos: 0



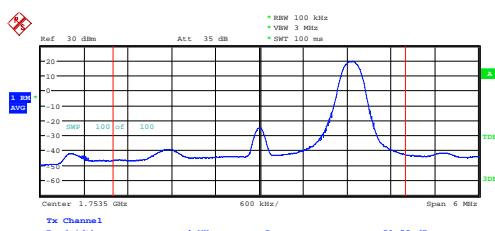
Date: 22.MAR.2018 13:43:18

3 MHz – Ch: 20385– RB# 1 RB Pos: 8



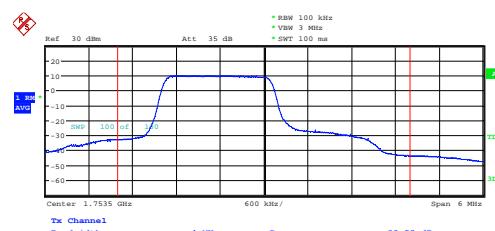
Date: 22.MAR.2018 13:43:45

3 MHz – Ch: 20385– RB# 1 RB Pos: 14



Date: 22.MAR.2018 13:44:12

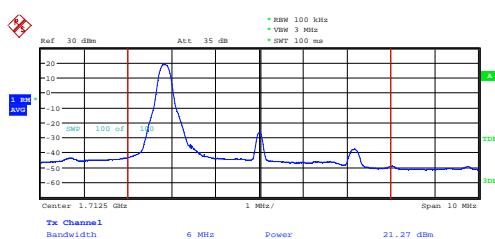
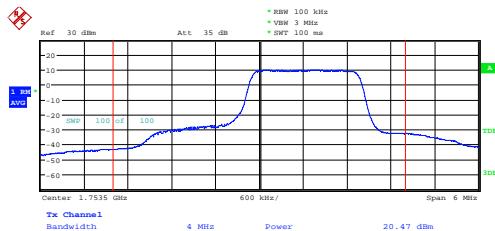
3 MHz – Ch: 20385– RB# 8 RB Pos: 0



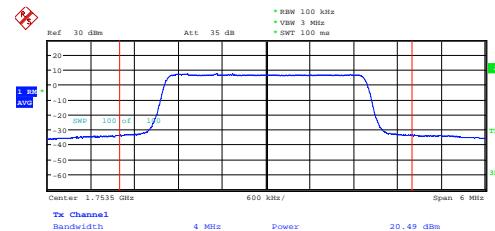
Date: 22.MAR.2018 13:44:39

Date: 22.MAR.2018 13:45:06

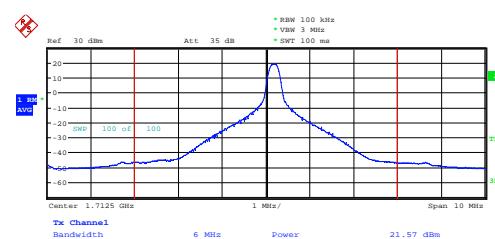
3 MHz – Ch: 20385– RB# 8 RB Pos: 7



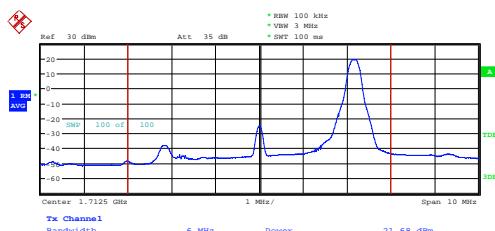
3 MHz – Ch: 20385– RB# 15 RB Pos: 0



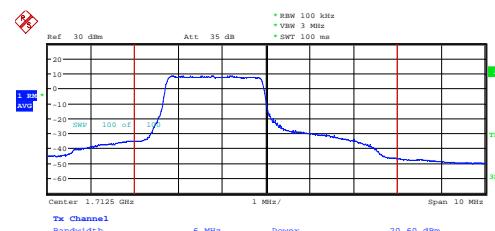
5 MHz – Ch: 19975– RB# 1 RB Pos: 13



5 MHz – Ch: 19975– RB# 1 RB Pos: 24

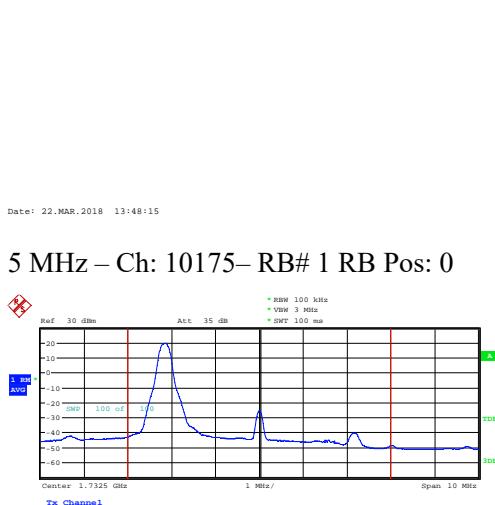
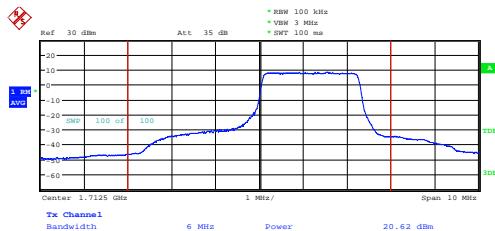


5 MHz – Ch: 19975– RB# 12 RB Pos: 0

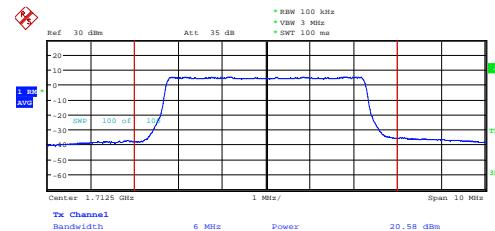


Date: 22.MAR.2018 13:47:48

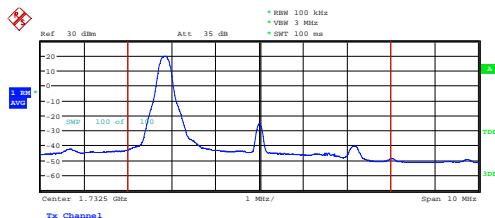
5 MHz – Ch: 19975– RB# 12 RB Pos:13



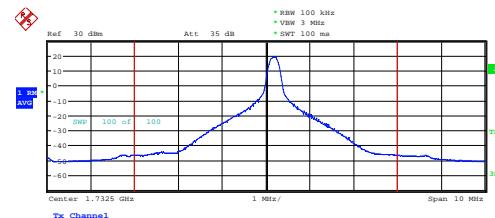
5 MHz – Ch: 19975– RB# 25 RB Pos: 0



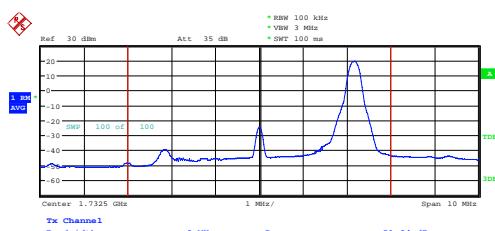
5 MHz – Ch: 10175– RB# 1 RB Pos: 0



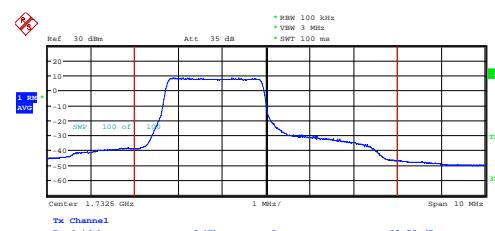
5 MHz – Ch: 19975– RB# 1 RB Pos: 13



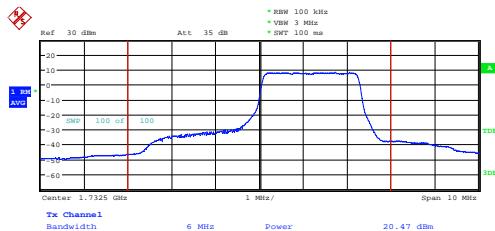
5 MHz – Ch: 19975– RB# 1 RB Pos: 24



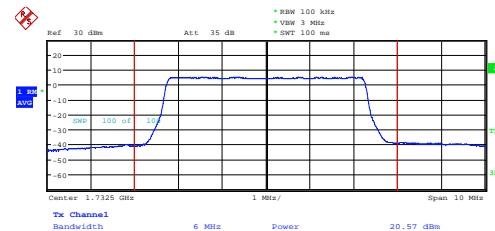
5 MHz – Ch: 19975– RB# 12 RB Pos: 0



5 MHz – Ch: 19975– RB# 12 RB Pos: 13

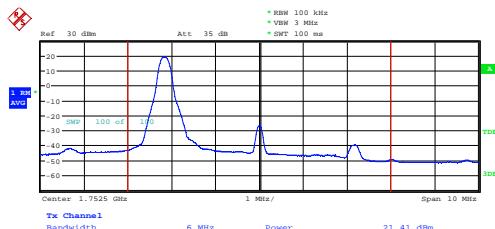


5 MHz – Ch: 19975– RB# 25 RB Pos: 0



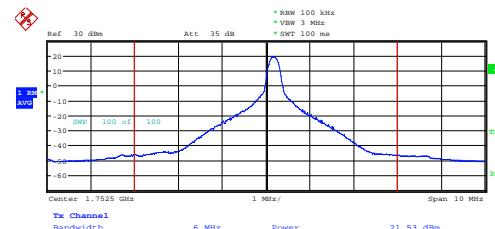
Date: 22.MAR.2018 13:50:57

5 MHz – Ch: 20375– RB# 1 RB Pos: 0



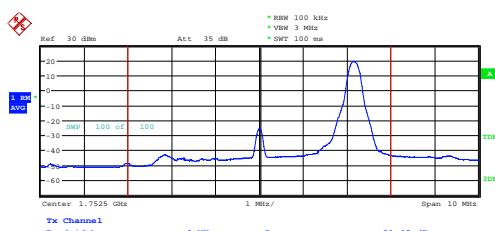
Date: 22.MAR.2018 13:51:24

5 MHz – Ch: 20375– RB# 1 RB Pos: 13



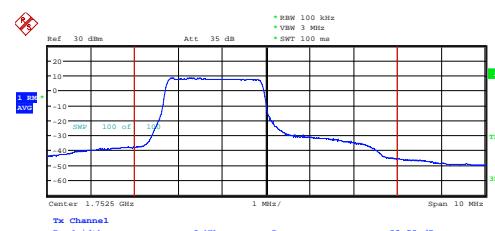
Date: 22.MAR.2018 13:51:51

5 MHz – Ch: 20375– RB# 1 RB Pos: 24



Date: 22.MAR.2018 13:52:18

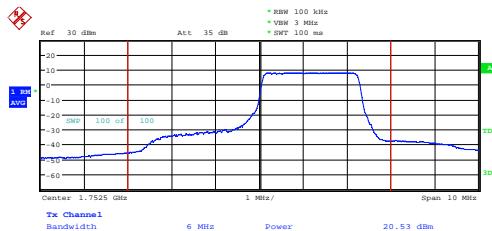
5 MHz – Ch: 20375– RB# 12 RB Pos: 0



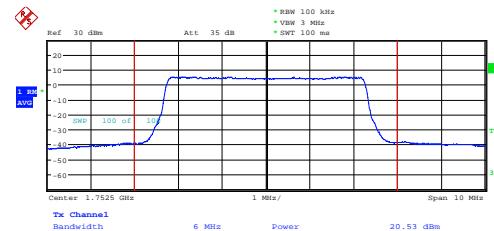
Date: 22.MAR.2018 13:52:45

Date: 22.MAR.2018 13:53:12

5 MHz – Ch: 20375– RB# 12 RB Pos: 13

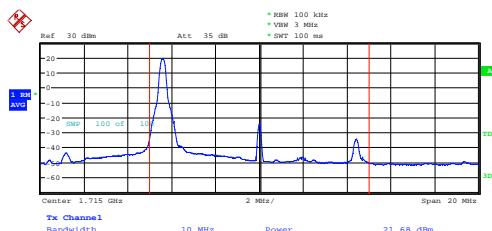


5 MHz – Ch: 20375– RB# 25 RB Pos: 0



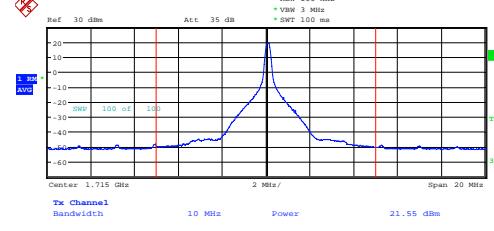
Date: 22.MAR.2018 13:53:39

10 MHz – Ch: 20000– RB# 1 RB Pos: 0



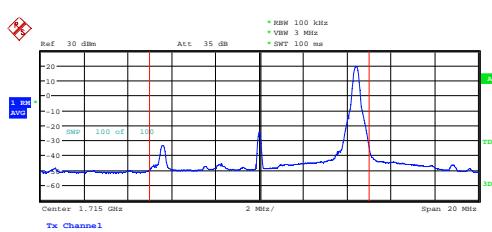
Date: 22.MAR.2018 13:54:06

10 MHz – Ch: 20000– RB# 1 RB Pos: 25



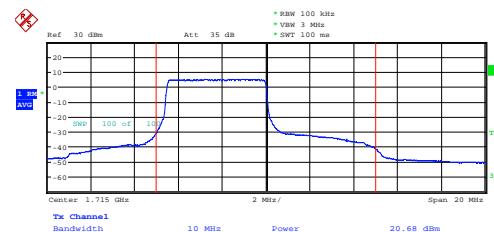
Date: 22.MAR.2018 13:54:33

10 MHz – Ch: 20000– RB# 1 RB Pos: 49



Date: 22.MAR.2018 13:55:00

10 MHz – Ch: 20000– RB# 25 RB Pos: 0



Date: 22.MAR.2018 13:55:27

Report Number: 31851515.001

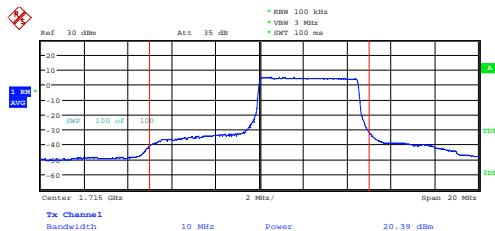
EUT: HSA-15

Issue Date: May 29, 2018

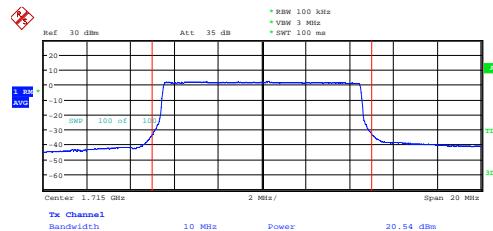
Page 151 of 215

FCCID: 2AHPN-HSA-15

10 MHz – Ch: 20000– RB# 25 RB Pos: 25

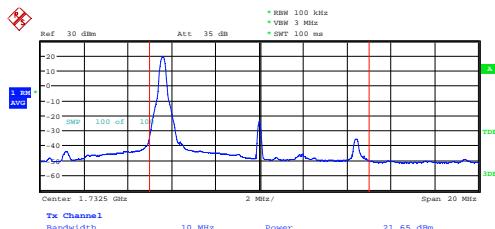


10 MHz – Ch: 20000– RB# 50 RB Pos: 0



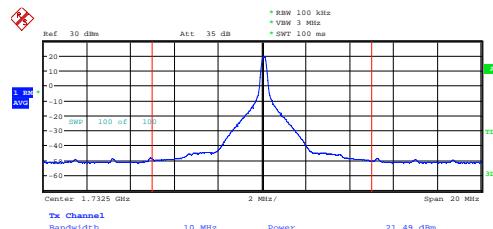
Date: 22.MAR.2018 13:56:22

10 MHz – Ch: 20175– RB# 1 RB Pos: 0



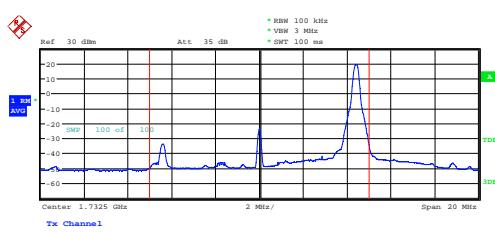
Date: 22.MAR.2018 13:56:49

10 MHz – Ch: 20175– RB# 1 RB Pos: 25



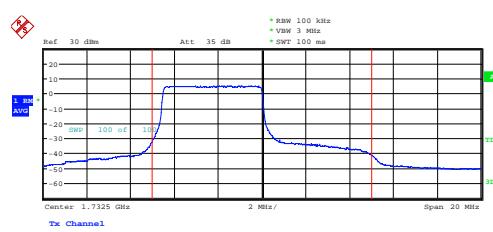
Date: 22.MAR.2018 13:57:16

10 MHz – Ch: 20175– RB# 1 RB Pos: 49



Date: 22.MAR.2018 13:57:43

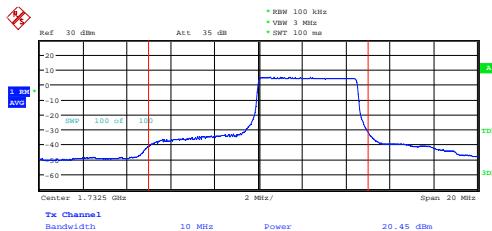
10 MHz – Ch: 20175– RB# 25 RB Pos: 0



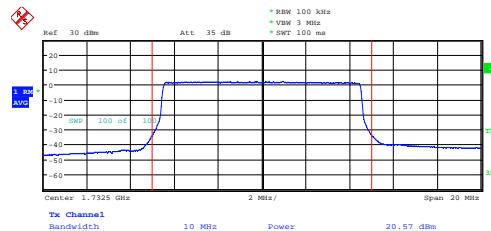
Date: 22.MAR.2018 13:58:11

Date: 22.MAR.2018 13:58:38

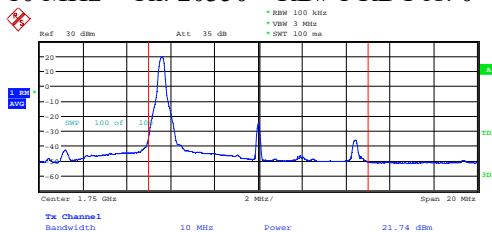
10 MHz – Ch: 20175– RB# 25 RB Pos: 25



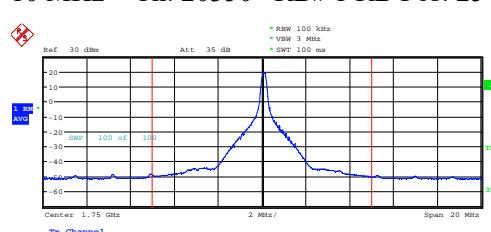
10 MHz – Ch: 20175– RB# 50 RB Pos: 0



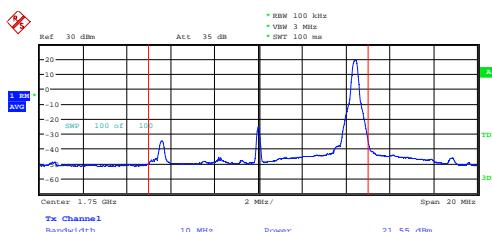
10 MHz – Ch: 20350 – RB# 1 RB Pos: 0



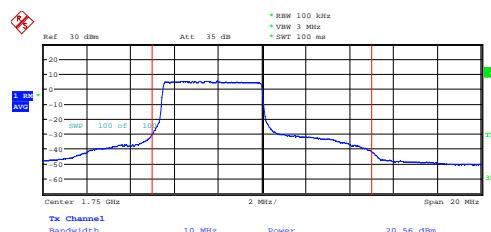
10 MHz – Ch: 20350 – RB# 1 RB Pos: 25



10 MHz – Ch: 20350 – RB# 1 RB Pos: 49



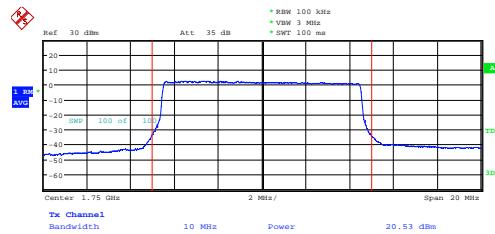
10 MHz – Ch: 20350 – RB# 25 RB Pos: 0



10 MHz – Ch: 20350– RB# 25 RB Pos: 25

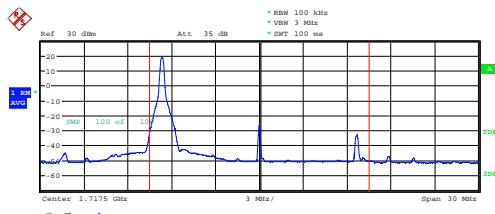


10 MHz – Ch: 20350– RB# 50 RB Pos: 0



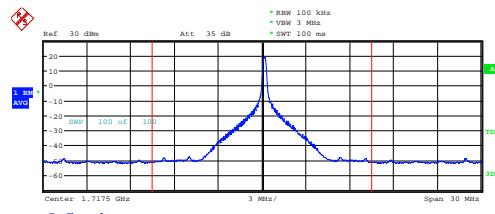
Date: 22.MAR.2018 14:01:48

15 MHz – Ch: 20025– RB# 1 RB Pos: 0



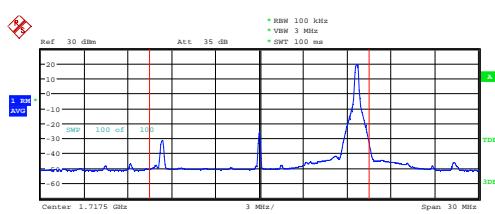
Date: 22.MAR.2018 14:02:15

15 MHz – Ch: 20025– RB# 1 RB Pos: 38



Date: 22.MAR.2018 14:02:42

15 MHz – Ch: 20025– RB# 1 RB Pos: 74



Date: 22.MAR.2018 14:03:09

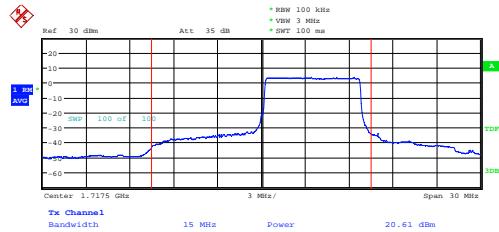
15 MHz – Ch: 20025– RB# 36 RB Pos: 0



Date: 22.MAR.2018 14:03:36

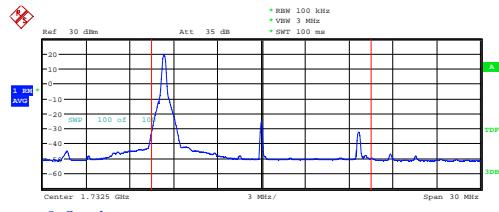
Date: 22.MAR.2018 14:04:03

15 MHz – Ch: 20025 – RB# 36 RB Pos: 39



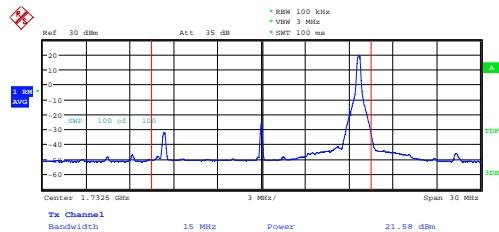
Date: 22.MAR.2018 14:04:30

15 MHz – Ch: 20125 – RB# 1 RB Pos: 0



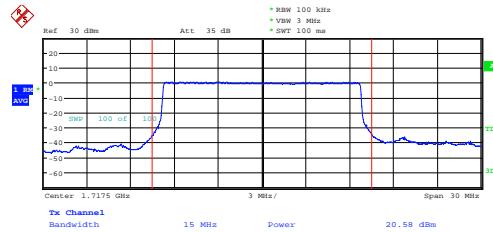
Date: 22.MAR.2018 14:05:24

15 MHz – Ch: 20125 – RB# 1 RB Pos: 74



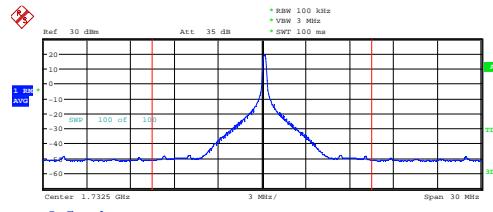
Date: 22.MAR.2018 14:06:18

15 MHz – Ch: 20025 – RB# 75 RB Pos: 0



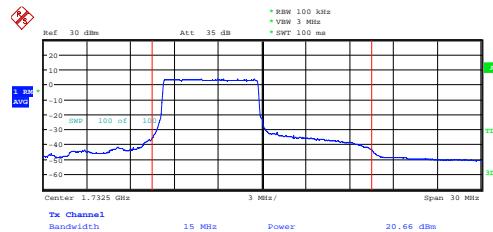
Date: 22.MAR.2018 14:04:57

15 MHz – Ch: 20125 – RB# 1 RB Pos: 38



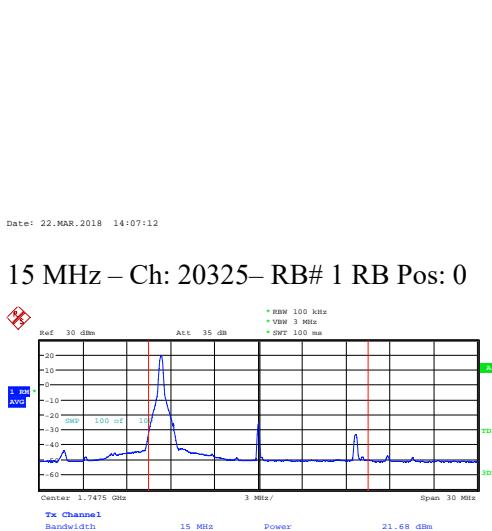
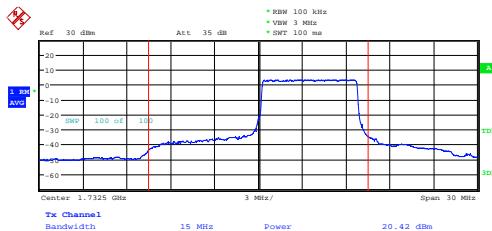
Date: 22.MAR.2018 14:05:51

15 MHz – Ch: 20125 – RB# 36 RB Pos: 0

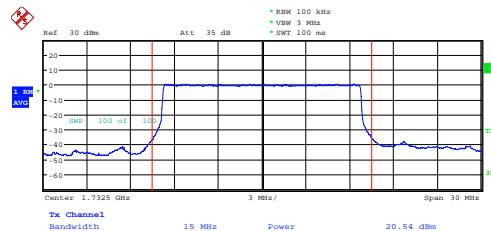


Date: 22.MAR.2018 14:06:45

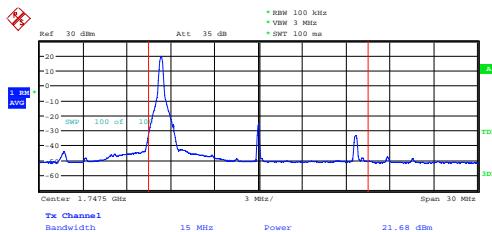
15 MHz – Ch: 20125– RB# 36 RB Pos: 39



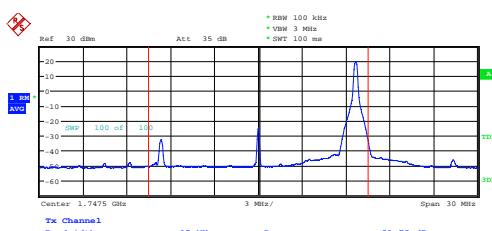
15 MHz – Ch: 20125– RB# 75 RB Pos: 0



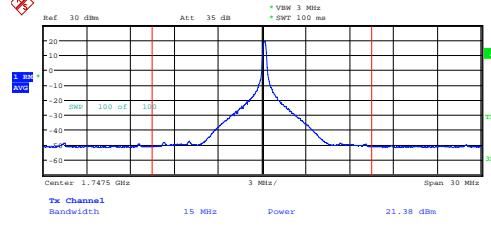
15 MHz – Ch: 20325– RB# 1 RB Pos: 0



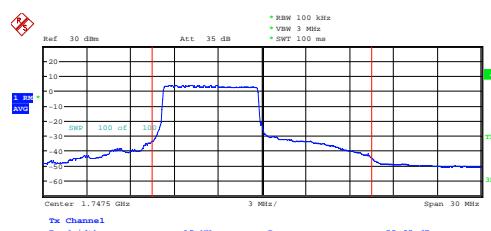
15 MHz – Ch: 20325– RB# 1 RB Pos: 74



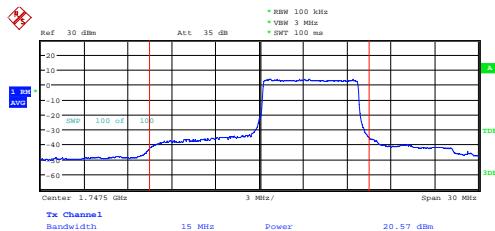
15 MHz – Ch: 20325– RB# 1 RB Pos: 38



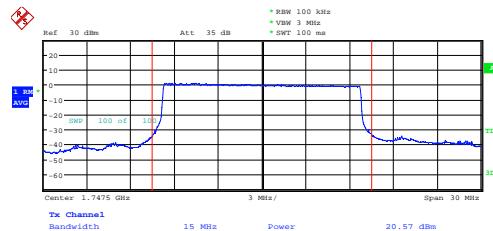
15 MHz – Ch: 20325– RB# 36 RB Pos: 0



15 MHz – Ch: 20325– RB# 1 RB Pos: 39

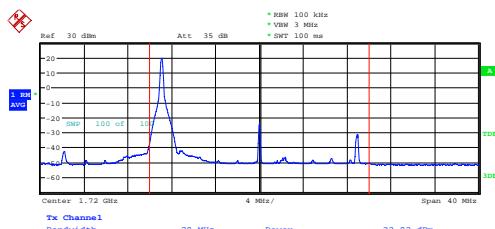


15 MHz – Ch: 20325– RB# 75 RB Pos: 0



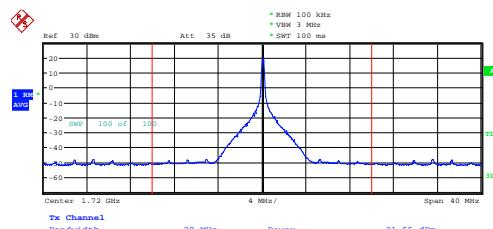
Date: 22.MAR.2018 14:09:54

20 MHz – Ch: 20050– RB# 1 RB Pos: 0



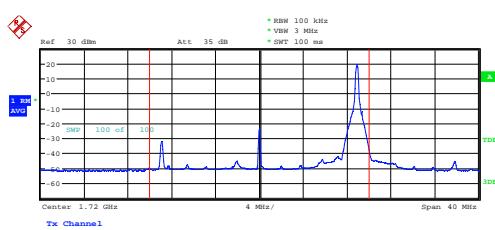
Date: 22.MAR.2018 14:10:21

20 MHz – Ch: 20050– RB# 1 RB Pos: 50



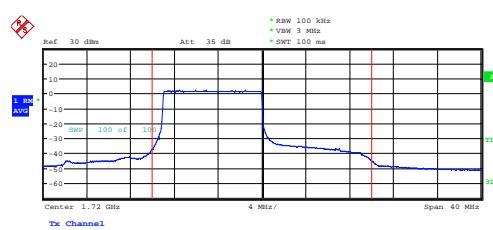
Date: 22.MAR.2018 14:10:48

20 MHz – Ch: 20050– RB# 1 RB Pos: 99



Date: 22.MAR.2018 14:11:15

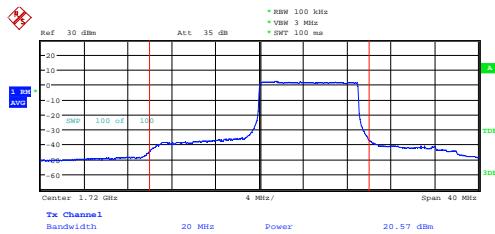
20 MHz – Ch: 20050– RB# 50 RB Pos: 0



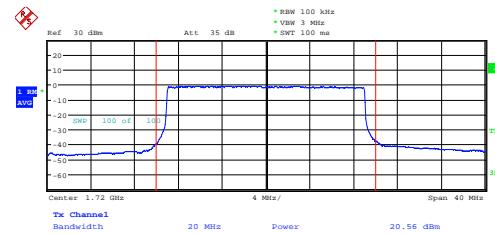
Date: 30.MAR.2018 11:55:58

Date: 22.MAR.2018 14:12:09

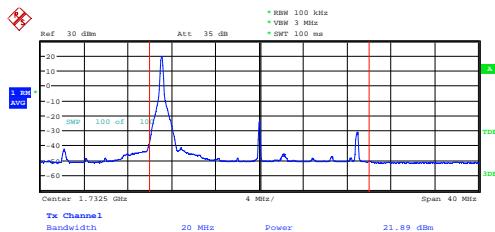
20 MHz – Ch: 20050– RB# 50 RB Pos: 99



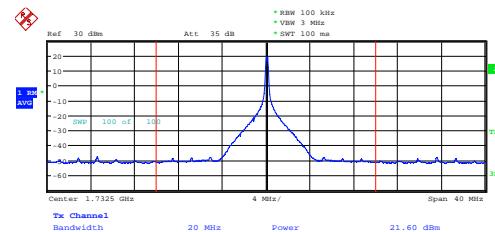
20 MHz – Ch: 20050– RB# 100 RB Pos: 0



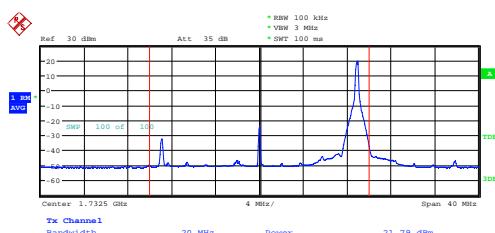
20 MHz – Ch: 20175– RB# 1 RB Pos: 0



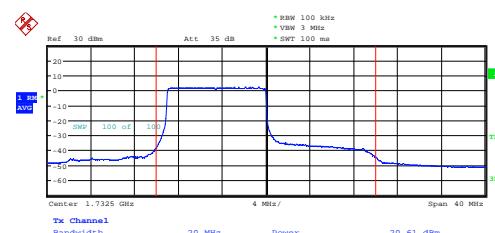
20 MHz – Ch: 20175– RB# 1 RB Pos: 50



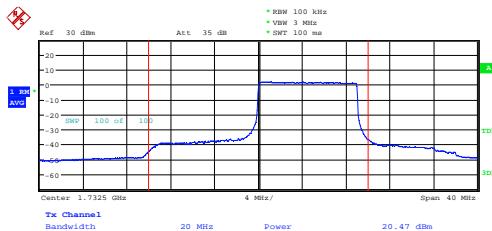
20 MHz – Ch: 20175– RB# 1 RB Pos: 99



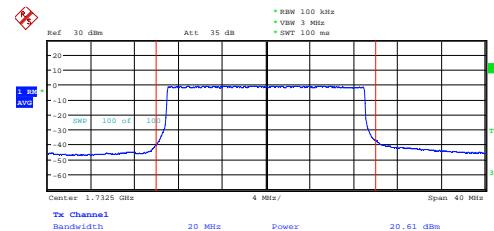
20 MHz – Ch: 20175– RB# 50 RB Pos: 0



20 MHz – Ch: 20175– RB# 50 RB Pos: 99

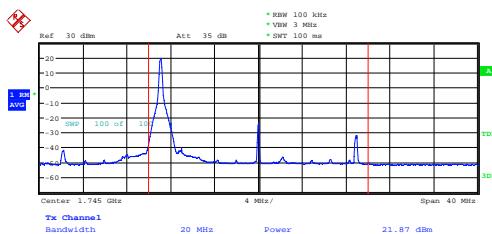


20 MHz – Ch: 20175– RB# 100 RB Pos: 0



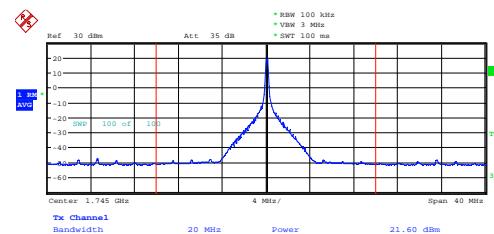
Date: 22.MAR.2018 14:15:18

20 MHz – Ch: 20300– RB# 1 RB Pos: 0



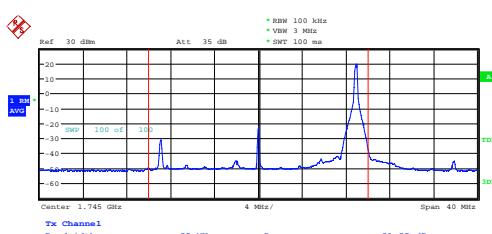
Date: 22.MAR.2018 14:15:45

20 MHz – Ch: 20300– RB# 1 RB Pos: 50



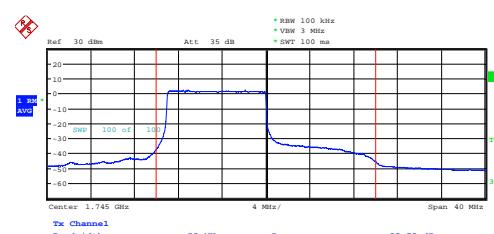
Date: 22.MAR.2018 14:16:12

20 MHz – Ch: 20300– RB# 1 RB Pos: 99



Date: 22.MAR.2018 14:16:39

20 MHz – Ch: 20300– RB# 50 RB Pos: 0



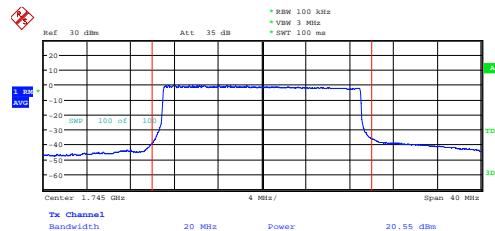
Date: 30.MAR.2018 11:58:28

Date: 22.MAR.2018 14:17:33

20 MHz – Ch: 20300– RB# 50 RB Pos: 99



20 MHz – Ch: 20300– RB# 100 RB Pos: 0

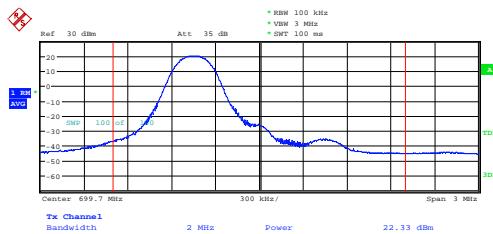


Date: 22.MAR.2018 14:18:00

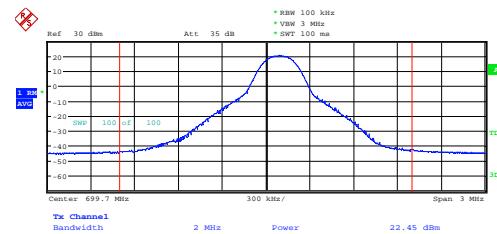
Date: 22.MAR.2018 14:18:27

### 6.2.3.2 LTE Band 12

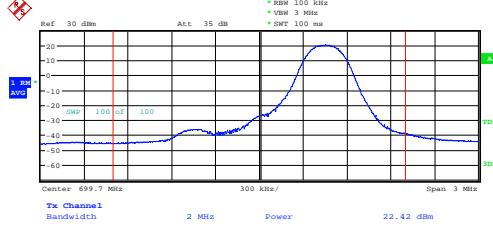
1.4 MHz – Ch: 23017– RB# 1 RB Pos: 0



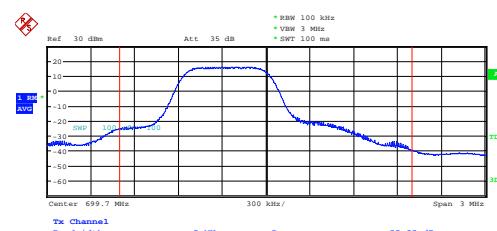
1.4 MHz – Ch: 23017– RB# 1 RB Pos: 3



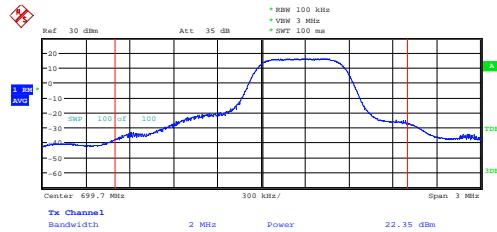
1.4 MHz – Ch: 23017– RB# 1 RB Pos: 5



1.4 MHz – Ch: 23017– RB# 3 RB Pos: 0

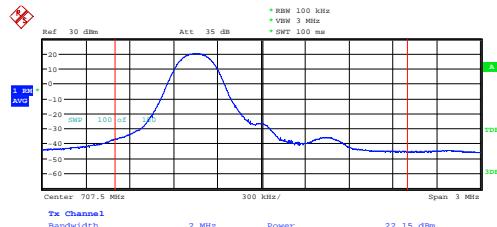


1.4 MHz – Ch: 23017 – RB# 3 RB Pos: 3



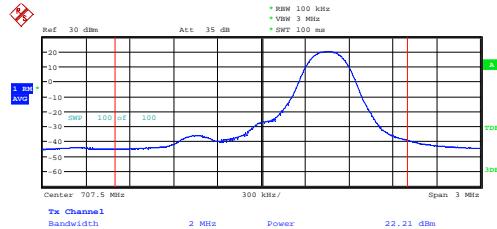
Date: 26.MAR.2018 10:09:50

1.4 MHz – Ch: 23095 – RB# 1 RB Pos: 0



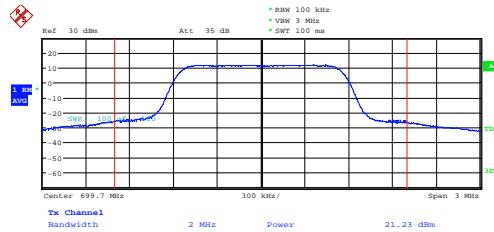
Date: 26.MAR.2018 10:10:44

1.4 MHz – Ch: 23095 – RB# 1 RB Pos: 5



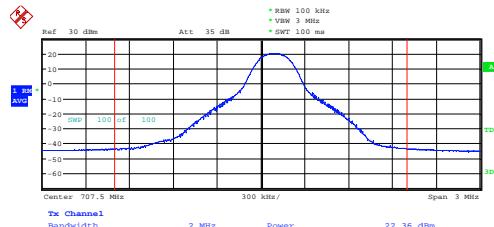
Date: 26.MAR.2018 10:11:38

1.4 MHz – Ch: 23017 – RB# 6 RB Pos: 0



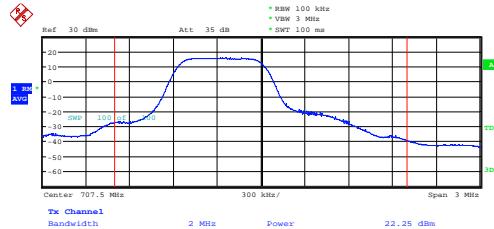
Date: 26.MAR.2018 10:10:17

1.4 MHz – Ch: 23095 – RB# 1 RB Pos: 3



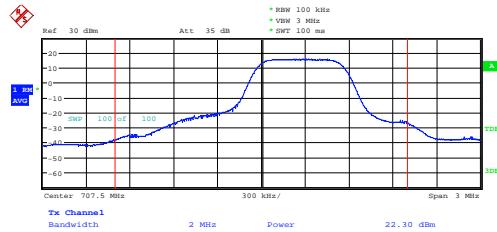
Date: 26.MAR.2018 10:11:11

1.4 MHz – Ch: 23095 – RB# 3 RB Pos: 0



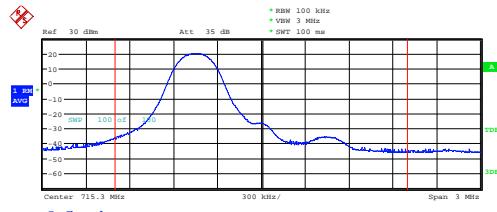
Date: 26.MAR.2018 10:12:05

1.4 MHz – Ch: 23095– RB# 3 RB Pos: 3



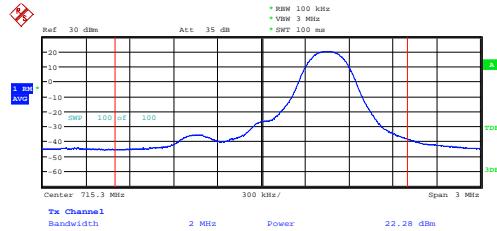
Date: 26.MAR.2018 10:12:32

1.4 MHz – Ch: 23173 – RB# 1 RB Pos: 0



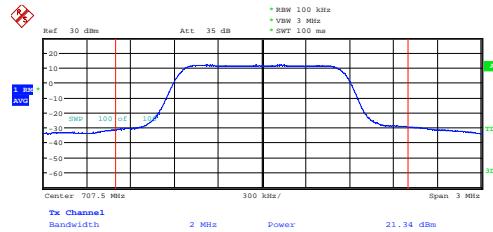
Date: 26.MAR.2018 10:13:26

1.4 MHz – Ch: 23173 – RB# 1 RB Pos: 5



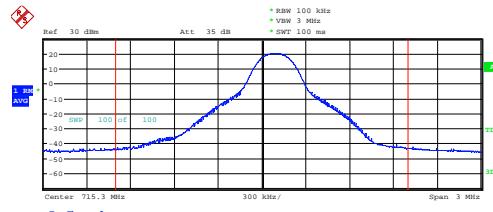
Date: 26.MAR.2018 10:14:20

1.4 MHz – Ch: 23095 – RB# 6 RB Pos: 0



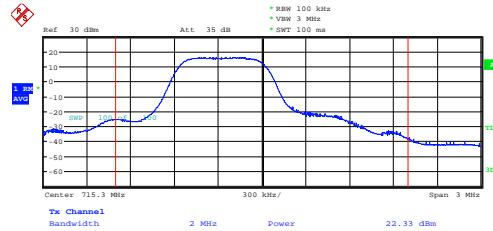
Date: 26.MAR.2018 10:12:59

1.4 MHz – Ch: 23173 – RB# 1 RB Pos: 3



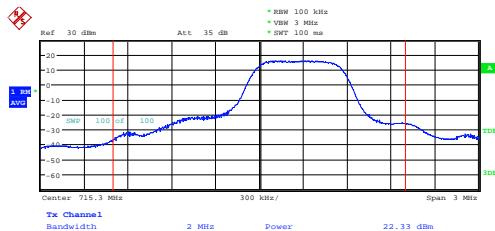
Date: 26.MAR.2018 10:13:53

1.4 MHz – Ch: 23173 – RB# 3 RB Pos: 0



Date: 26.MAR.2018 10:14:47

1.4 MHz – Ch: 23173– RB# 3 RB Pos: 3

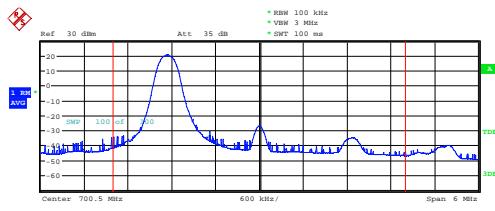


1.4 MHz – Ch: 23173– RB# 6 RB Pos: 0



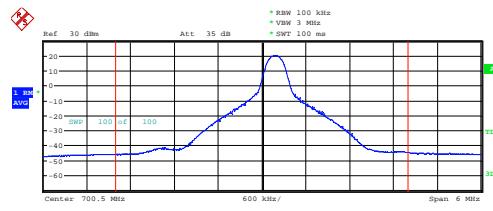
Date: 26.MAR.2018 10:15:14

3 MHz – Ch: 23025– RB# 1 RB Pos: 0



Date: 26.MAR.2018 10:15:41

3 MHz – Ch: 23025– RB# 1 RB Pos: 8



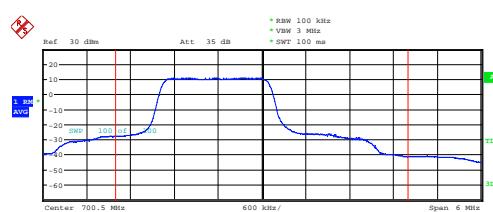
Date: 26.MAR.2018 10:16:08

3 MHz – Ch: 23025– RB# 1 RB Pos: 14



Date: 26.MAR.2018 10:16:35

3 MHz – Ch: 23025– RB# 8 RB Pos: 0



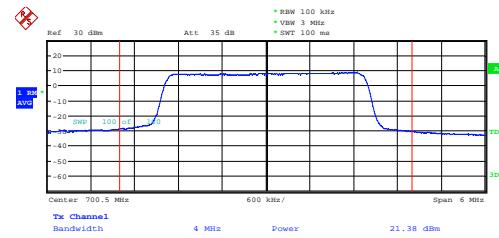
Date: 26.MAR.2018 10:17:02

Date: 26.MAR.2018 10:17:29

3 MHz – Ch: 23025– RB# 8 RB Pos: 7

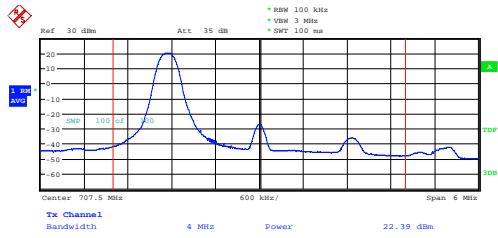


3 MHz – Ch: 23025– RB# 15 RB Pos: 0



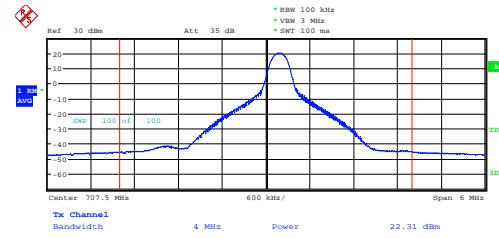
Date: 26.MAR.2018 10:17:56

3 MHz – Ch: 23095– RB# 1 RB Pos: 0



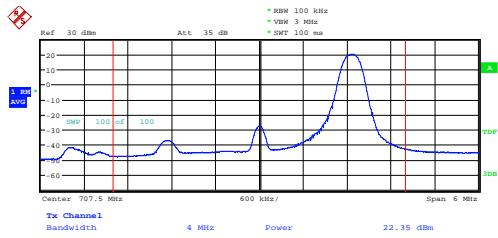
Date: 26.MAR.2018 10:18:23

3 MHz – Ch: 23095– RB# 1 RB Pos: 8



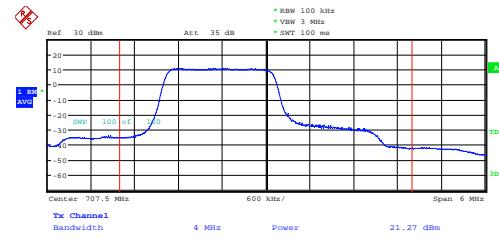
Date: 26.MAR.2018 10:18:51

3 MHz – Ch: 23095– RB# 1 RB Pos: 14



Date: 26.MAR.2018 10:19:18

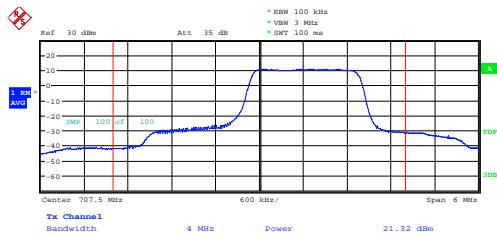
3 MHz – Ch: 23095– RB# 8 RB Pos: 0



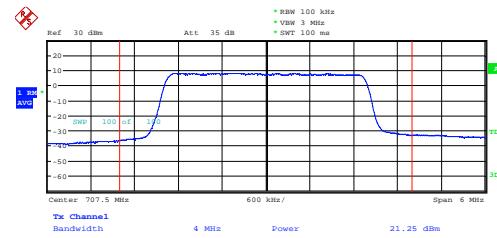
Date: 26.MAR.2018 10:19:44

Date: 26.MAR.2018 10:20:11

3 MHz – Ch: 23095– RB# 8 RB Pos: 7

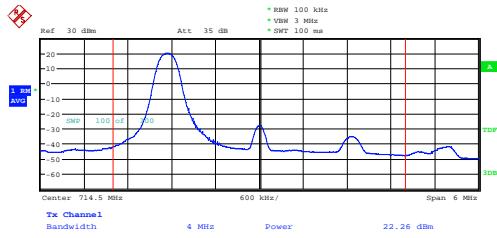


3 MHz – Ch: 23095– RB# 15 RB Pos: 0



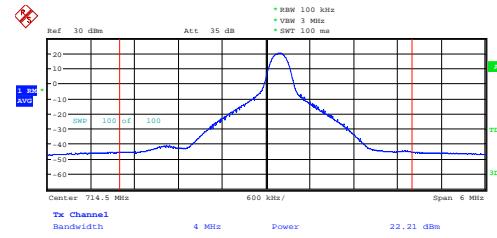
Date: 26.MAR.2018 10:20:38

3 MHz – Ch: 23165– RB# 1 RB Pos: 0



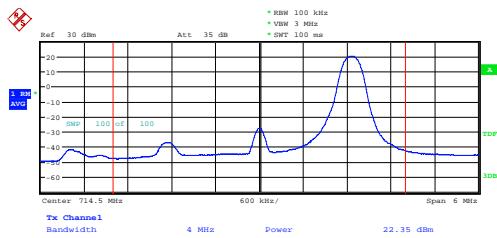
Date: 26.MAR.2018 10:21:05

3 MHz – Ch: 23165– RB# 1 RB Pos: 8



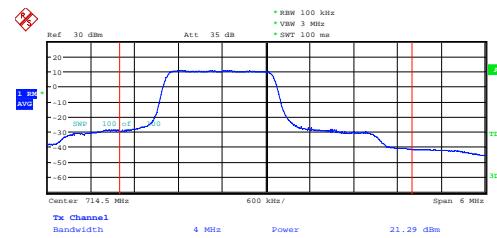
Date: 26.MAR.2018 10:21:32

3 MHz – Ch: 23165– RB# 1 RB Pos: 14



Date: 26.MAR.2018 10:21:59

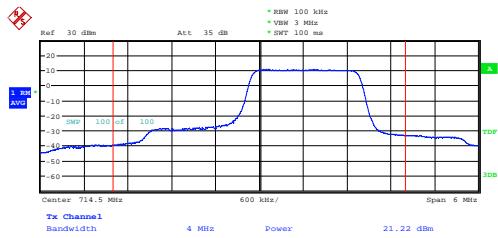
3 MHz – Ch: 23165– RB# 8 RB Pos: 0



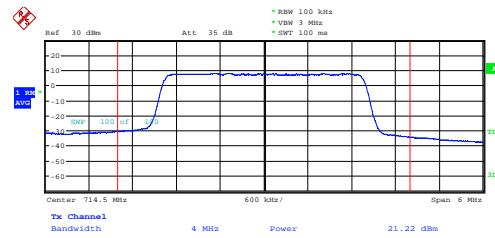
Date: 26.MAR.2018 10:22:26

Date: 26.MAR.2018 10:22:53

3 MHz – Ch: 23165– RB# 8 RB Pos: 7

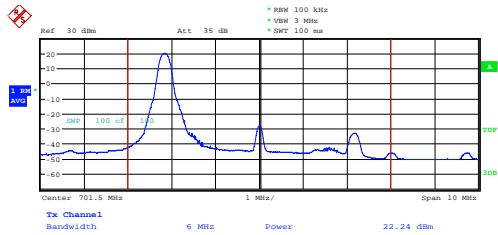


3 MHz – Ch: 23165– RB# 15 RB Pos: 0



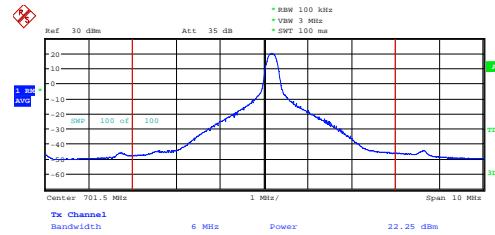
Date: 26.MAR.2018 10:23:20

5 MHz – Ch: 23035– RB# 1 RB Pos: 0



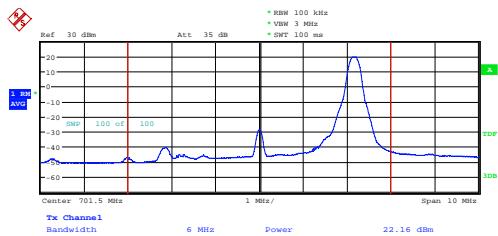
Date: 26.MAR.2018 10:23:47

5 MHz – Ch: 23035– RB# 1 RB Pos: 13



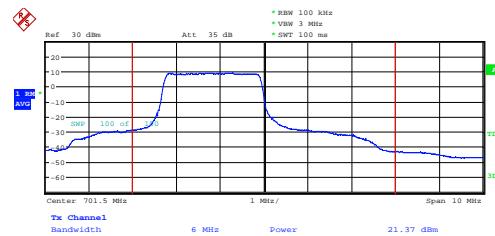
Date: 26.MAR.2018 10:24:14

5 MHz – Ch: 23035– RB# 1 RB Pos: 24



Date: 26.MAR.2018 10:24:41

5 MHz – Ch: 23035– RB# 12 RB Pos: 0



Date: 26.MAR.2018 10:25:08

Date: 26.MAR.2018 10:25:35

Report Number: 31851515.001

EUT: HSA-15

Issue Date: May 29, 2018

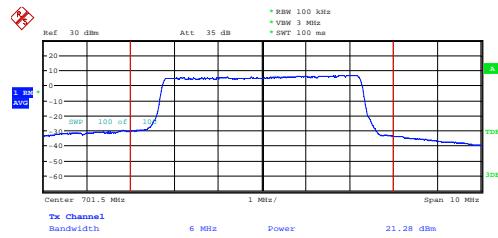
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5 MHz – Ch: 23035– RB# 12 RB Pos: 13

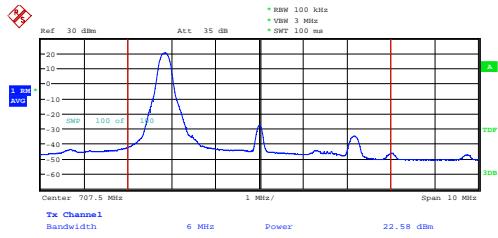


5 MHz – Ch: 23035– RB# 25 RB Pos: 0



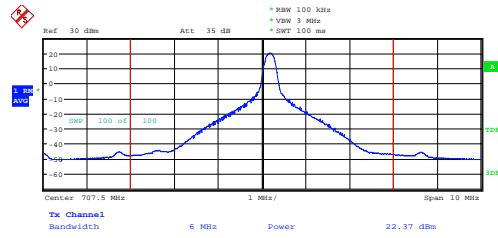
Date: 26.MAR.2018 10:26:02

5 MHz – Ch: 23095– RB# 1 RB Pos: 0



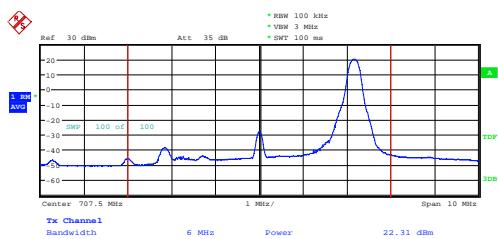
Date: 26.MAR.2018 10:26:29

5 MHz – Ch: 23095– RB# 1 RB Pos: 13



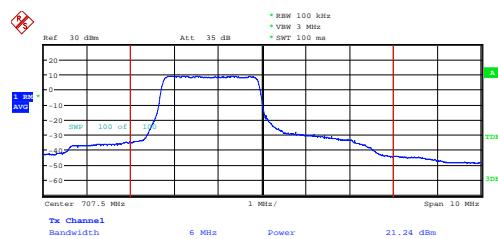
Date: 26.MAR.2018 10:26:56

5 MHz – Ch: 23095– RB# 1 RB Pos: 24



Date: 26.MAR.2018 10:27:23

5 MHz – Ch: 23095– RB# 12 RB Pos: 0



Date: 26.MAR.2018 10:27:50

Date: 26.MAR.2018 10:28:17

Report Number: 31851515.001

EUT: HSA-15

Issue Date: May 29, 2018

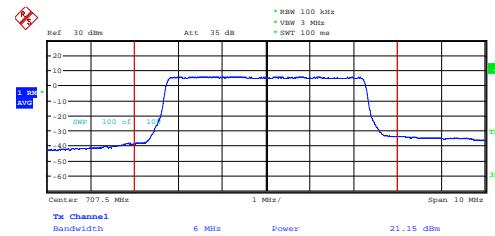
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FCCID: 2AHPN-HSA-15

5 MHz – Ch: 23095– RB# 12 RB Pos: 13

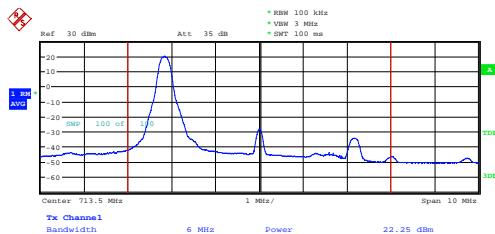


5 MHz – Ch: 23095– RB# 25 RB Pos: 0



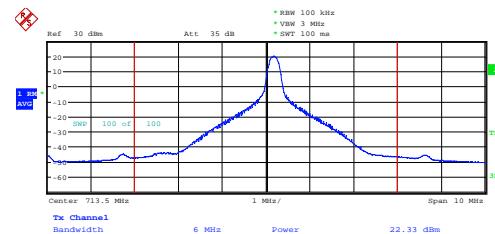
Date: 26.MAR.2018 10:28:44

5 MHz – Ch: 23155– RB# 1 RB Pos: 0



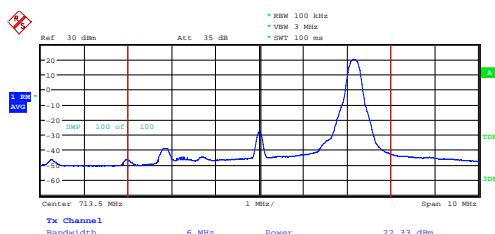
Date: 26.MAR.2018 10:29:12

5 MHz – Ch: 23155– RB# 1 RB Pos: 13



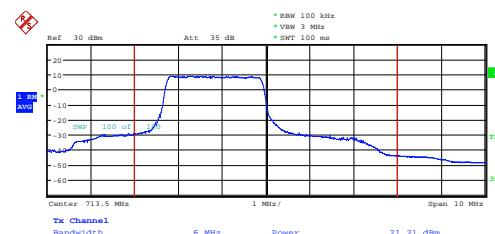
Date: 26.MAR.2018 10:29:40

5 MHz – Ch: 23155– RB# 1 RB Pos: 24



Date: 26.MAR.2018 10:30:07

5 MHz – Ch: 23155– RB# 12 RB Pos: 0



Date: 26.MAR.2018 10:30:34

Date: 26.MAR.2018 10:31:02

Report Number: 31851515.001

EUT: HSA-15

Issue Date: May 29, 2018

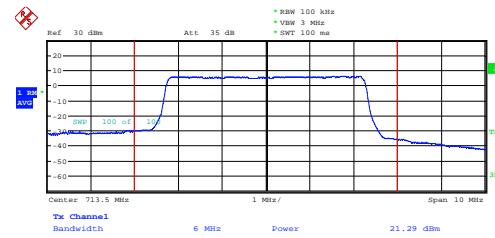
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FCCID: 2AHPN-HSA-15

5 MHz – Ch: 23155– RB# 12 RB Pos: 13

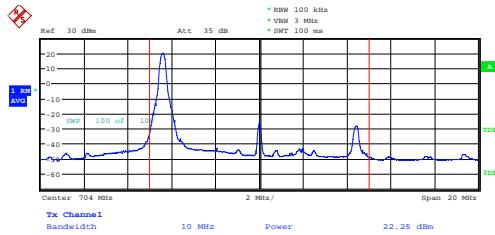


5 MHz – Ch: 23155– RB# 25 RB Pos: 0



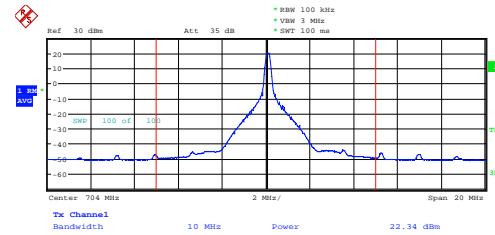
Date: 26.MAR.2018 10:31:30

10 MHz – Ch: 23060– RB# 1 RB Pos: 0



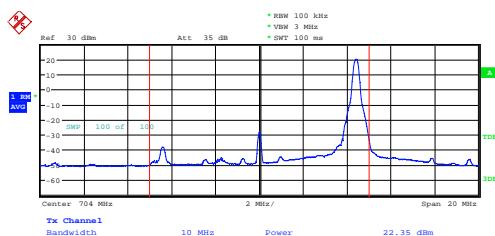
Date: 26.MAR.2018 10:31:57

10 MHz – Ch: 23060– RB# 1 RB Pos: 25



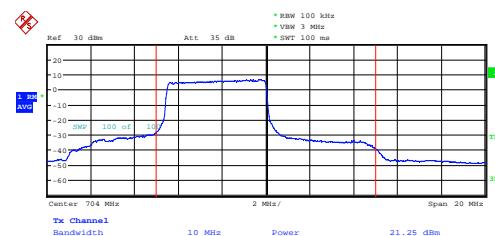
Date: 26.MAR.2018 10:32:25

10 MHz – Ch: 23060– RB# 1 RB Pos: 49



Date: 26.MAR.2018 10:32:52

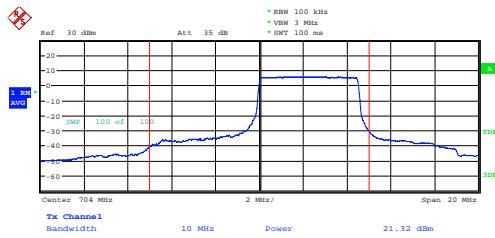
10 MHz – Ch: 23060– RB# 25 RB Pos: 0



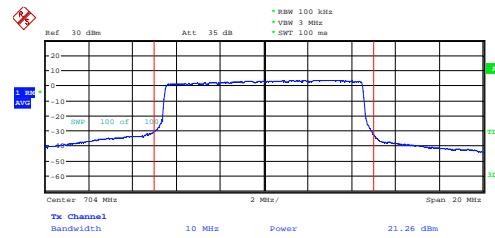
Date: 26.MAR.2018 10:33:20

Date: 26.MAR.2018 10:33:48

10 MHz – Ch: 23060– RB# 25 RB Pos: 25

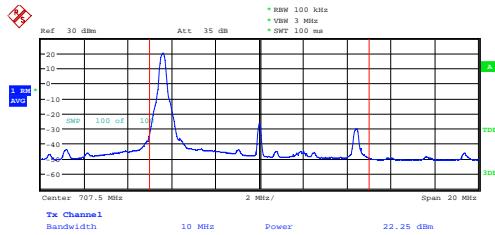


10 MHz – Ch: 23060– RB# 50 RB Pos: 0



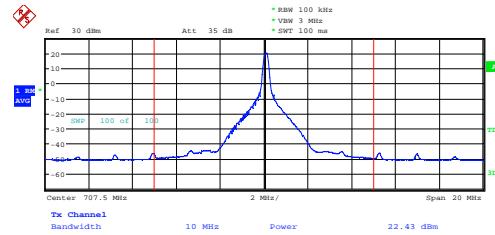
Date: 26.MAR.2018 10:34:15

10 MHz – Ch: 23095– RB# 1 RB Pos: 0



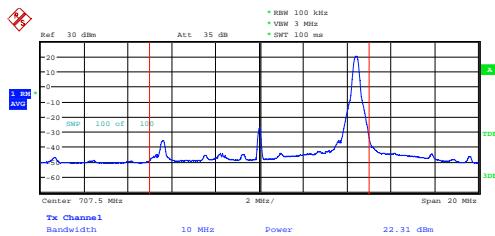
Date: 26.MAR.2018 10:34:44

10 MHz – Ch: 23095– RB# 1 RB Pos: 25



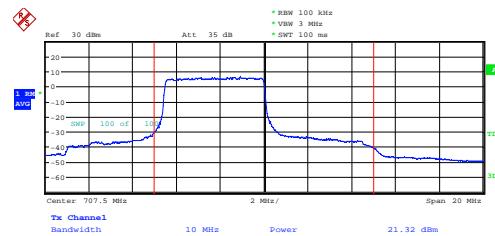
Date: 26.MAR.2018 10:35:11

10 MHz – Ch: 23095– RB# 1 RB Pos: 49



Date: 26.MAR.2018 10:35:39

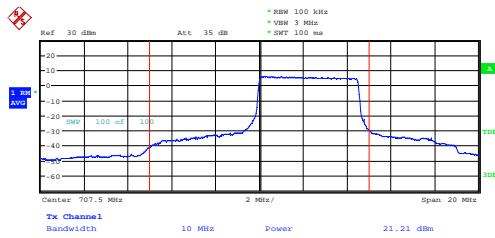
10 MHz – Ch: 23095– RB# 25 RB Pos: 0



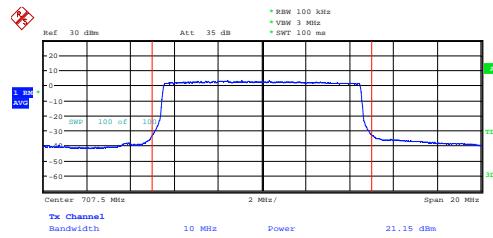
Date: 26.MAR.2018 10:36:06

Date: 26.MAR.2018 10:36:33

10 MHz – Ch: 23095– RB# 25 RB Pos: 25

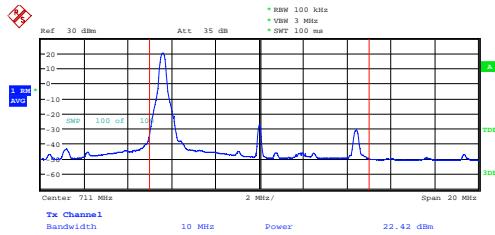


10 MHz – Ch: 23095– RB# 50 RB Pos: 0



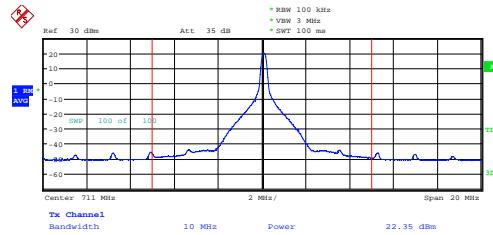
Date: 26.MAR.2018 10:37:01

10 MHz – Ch: 23130– RB# 1 RB Pos: 0



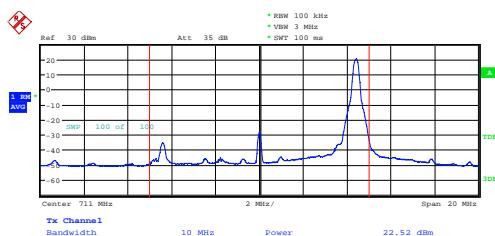
Date: 26.MAR.2018 10:37:29

10 MHz – Ch: 23130– RB# 1 RB Pos: 25



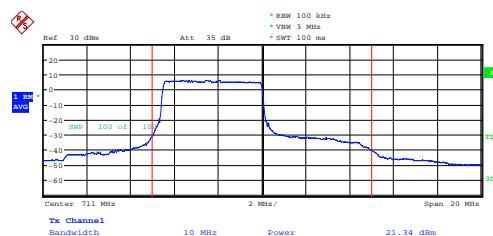
Date: 26.MAR.2018 10:37:56

10 MHz – Ch: 23130– RB# 1 RB Pos: 49



Date: 26.MAR.2018 10:38:24

10 MHz – Ch: 23130– RB# 25 RB Pos: 0



Date: 26.MAR.2018 10:38:52

Date: 26.MAR.2018 10:39:19

Report Number: 31851515.001

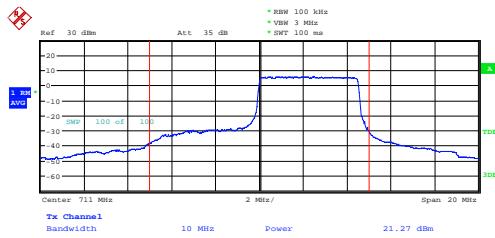
EUT: HSA-15

Issue Date: May 29, 2018

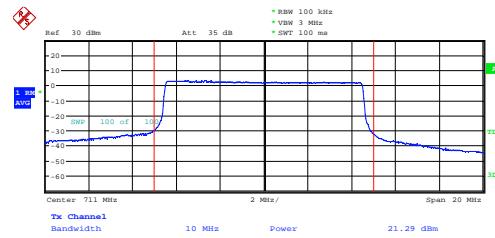
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10 MHz – Ch: 23130– RB# 25 RB Pos: 25



10 MHz – Ch: 23130– RB# 50 RB Pos: 0



Date: 26.MAR.2018 10:39:47

Date: 26.MAR.2018 10:40:15