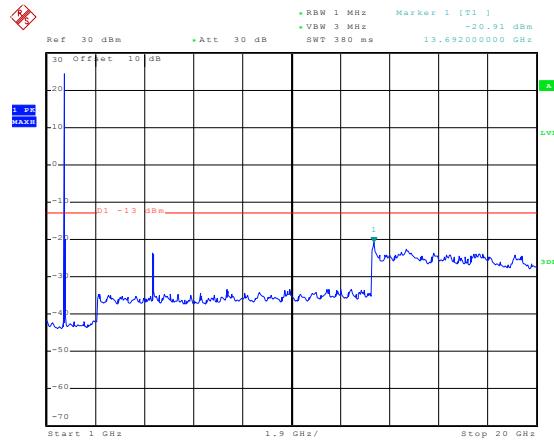
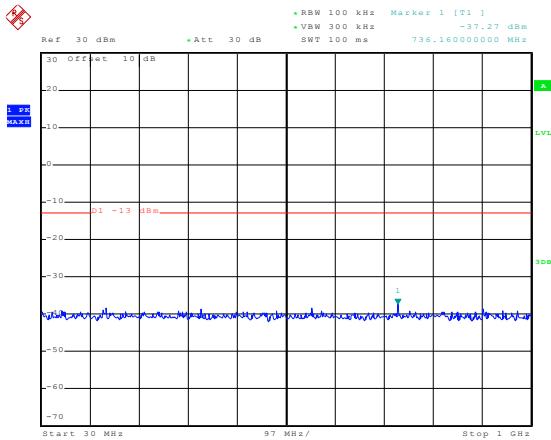


20MHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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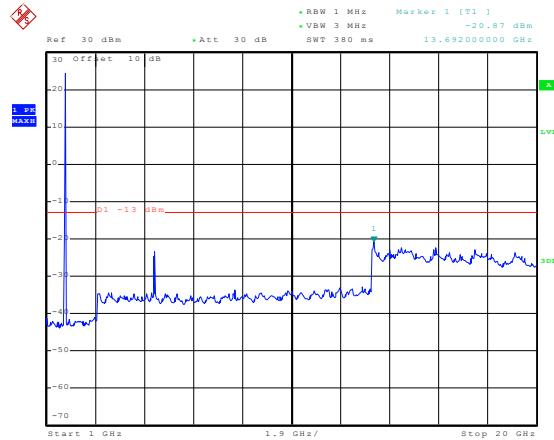
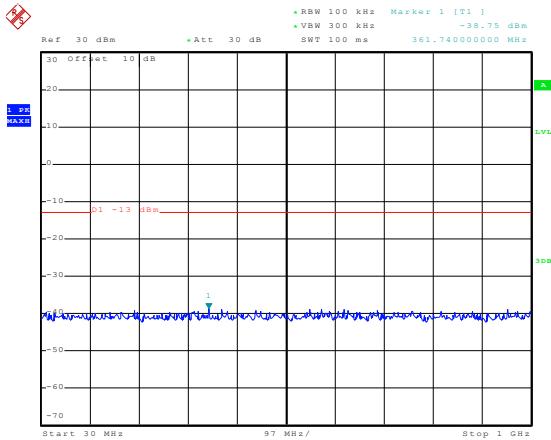
Date: 13.OCT.2015 14:03:43

Date: 13.OCT.2015 14:00:42

30MHz~1GHz

1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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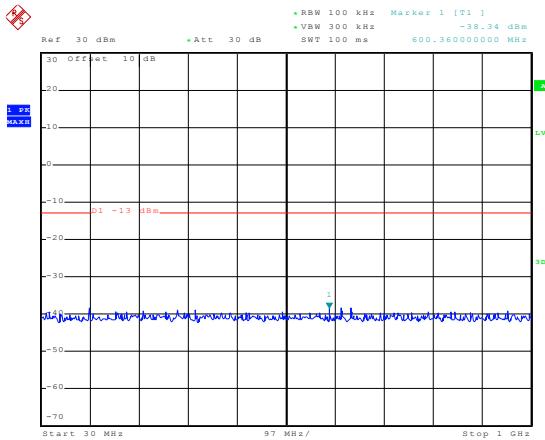
Date: 13.OCT.2015 14:05:13

Date: 13.OCT.2015 14:07:43

30MHz~1GHz

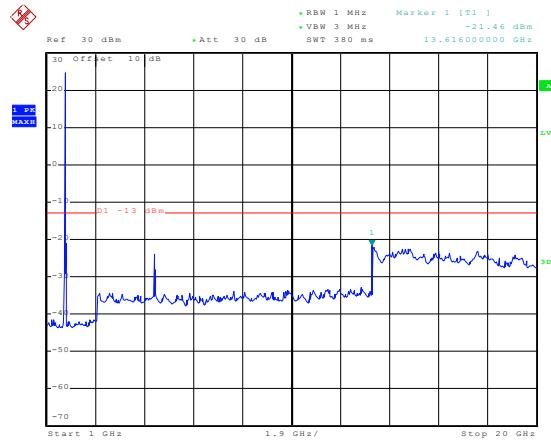
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 13.OCT.2015 14:13:23

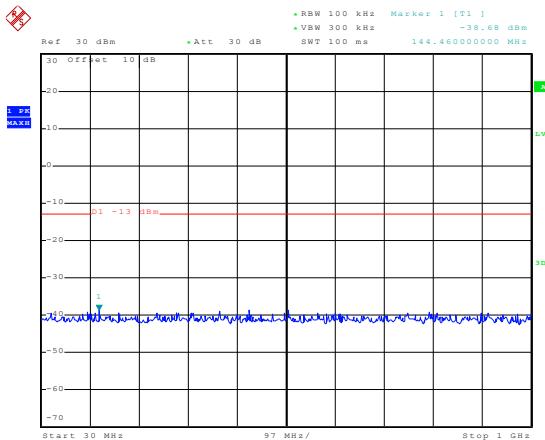
30MHz~1GHz



Date: 13.OCT.2015 14:09:34

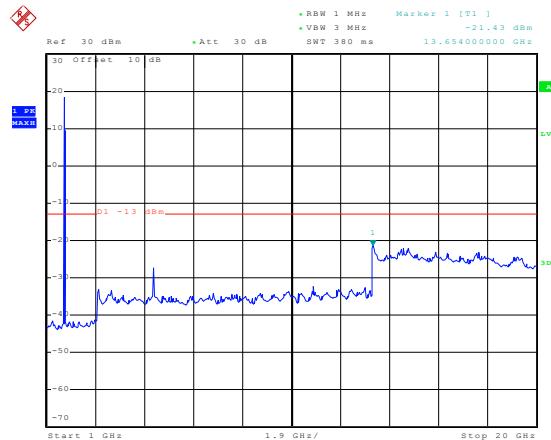
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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Date: 13.OCT.2015 14:03:56

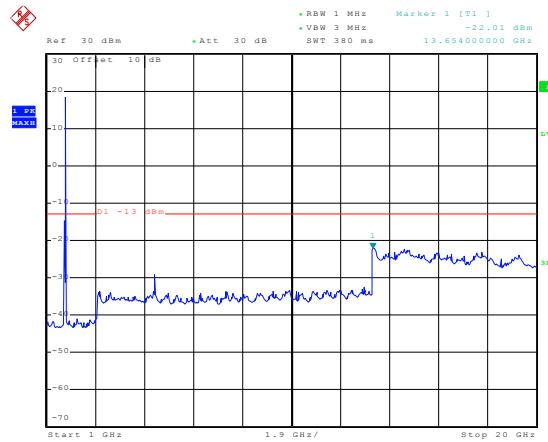
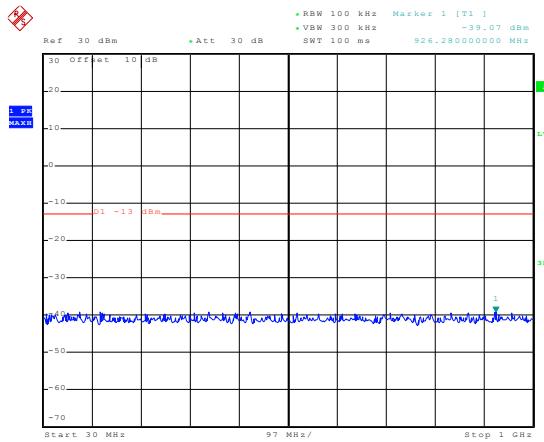
30MHz~1GHz



Date: 13.OCT.2015 14:01:13

1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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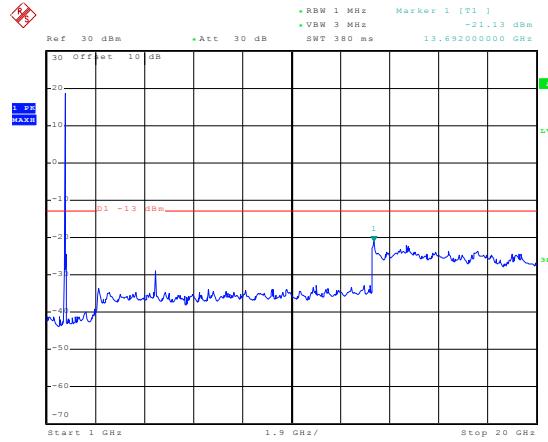
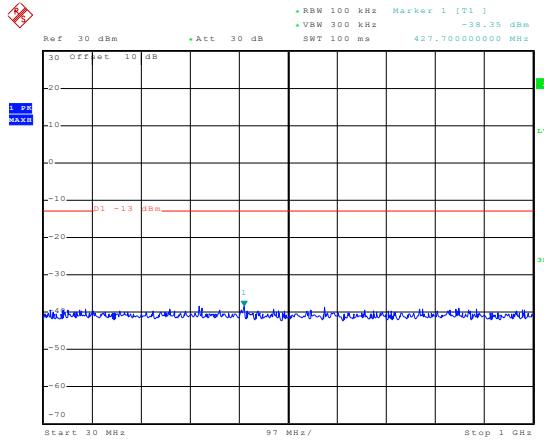
Date: 13.OCT.2015 14:05:27

30MHz~1GHz

Date: 13.OCT.2015 14:08:15

1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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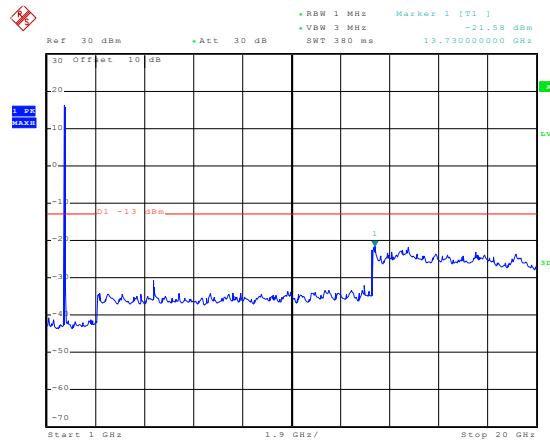
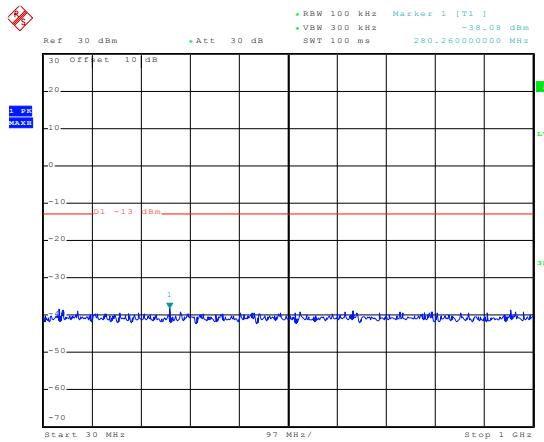
Date: 13.OCT.2015 14:13:43

30MHz~1GHz

Date: 13.OCT.2015 14:09:55

1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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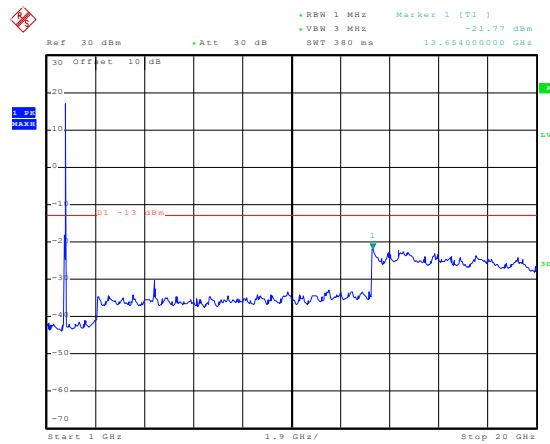
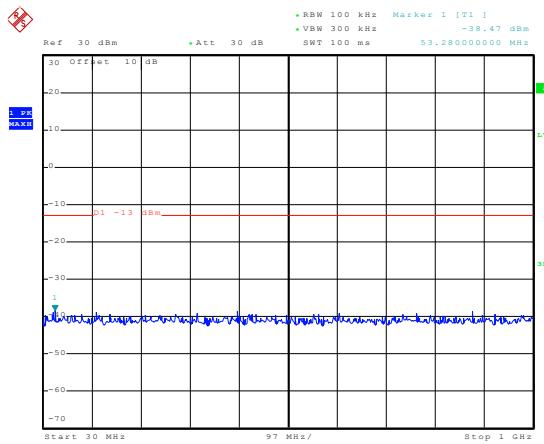
Date: 13.OCT.2015 14:02:51

30MHz~1GHz

Date: 13.OCT.2015 14:02:24

1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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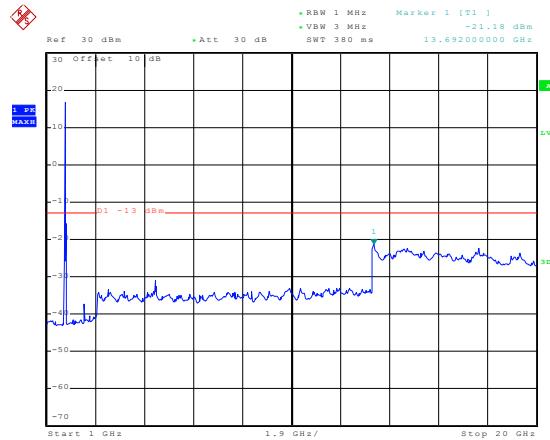
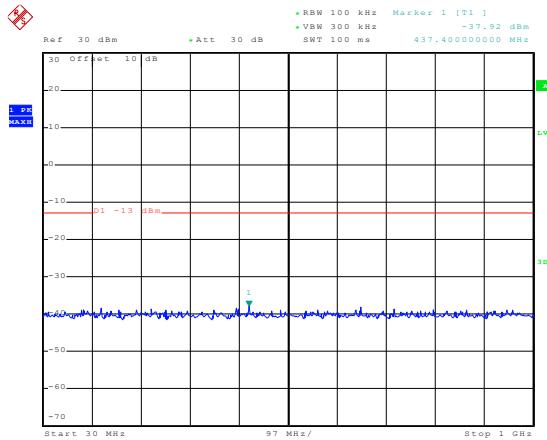
Date: 13.OCT.2015 14:06:03

30MHz~1GHz

Date: 13.OCT.2015 14:06:29

1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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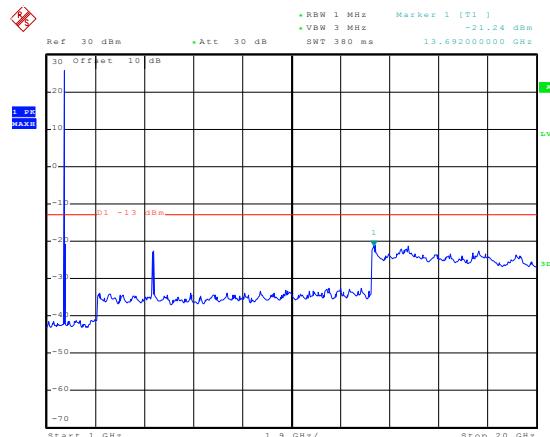
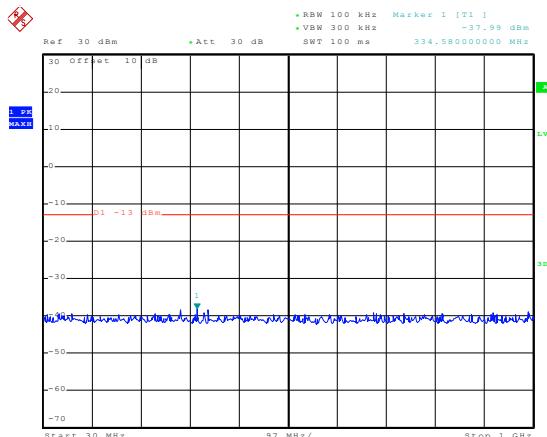
Date: 13.OCT.2015 14:12:38

30MHz~1GHz

Date: 13.OCT.2015 14:11:43

1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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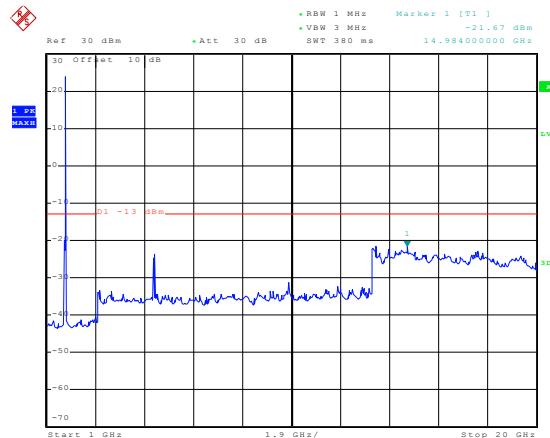
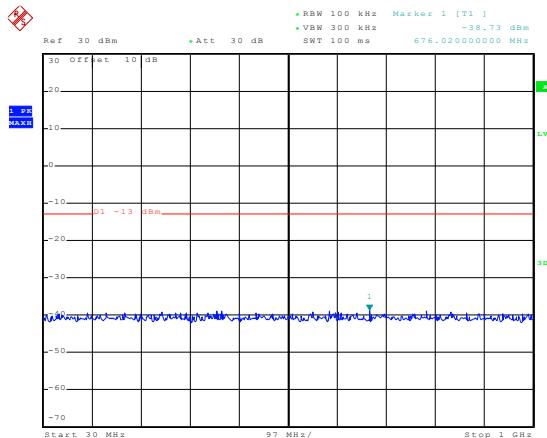
Date: 13.OCT.2015 14:03:21

30MHz~1GHz

Date: 13.OCT.2015 14:00:21

1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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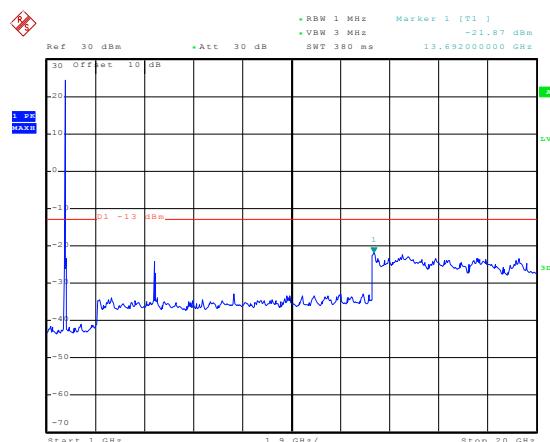
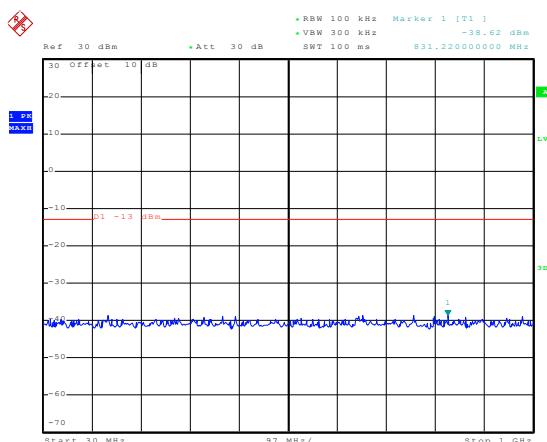
Date: 13.OCT.2015 14:04:55

30MHz~1GHz

Date: 13.OCT.2015 14:07:21

1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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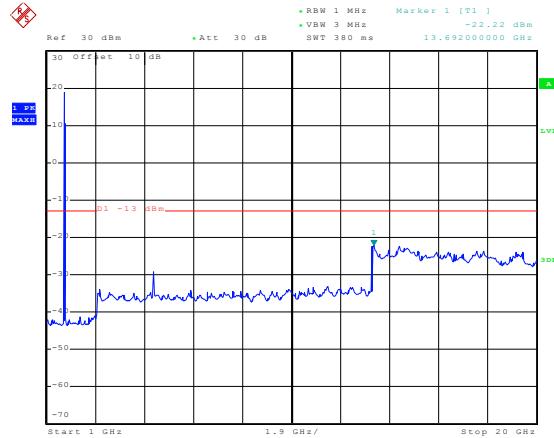
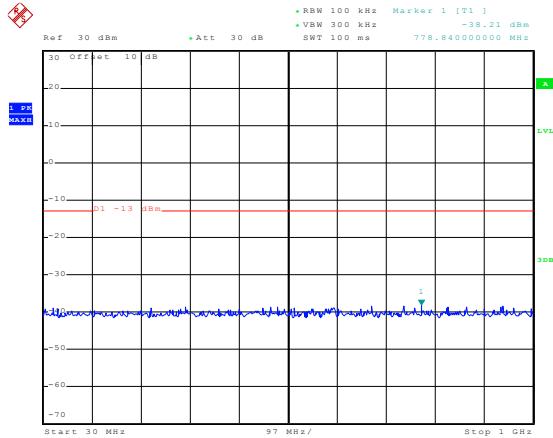
Date: 13.OCT.2015 14:13:07

30MHz~1GHz

Date: 13.OCT.2015 14:09:12

1GHz~20GHz

Test Mode:	LTE band 4 (20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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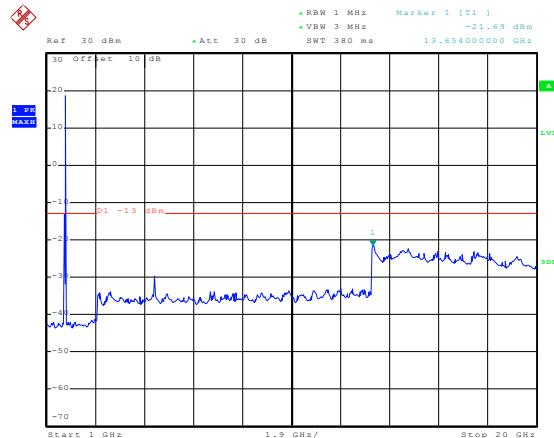
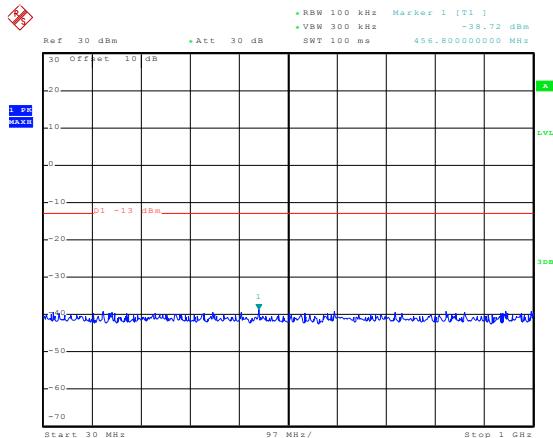
Date: 13.OCT.2015 14:04:27

30MHz~1GHz

Date: 13.OCT.2015 14:01:38

1GHz~20GHz

Test Mode:	LTE band 4 (20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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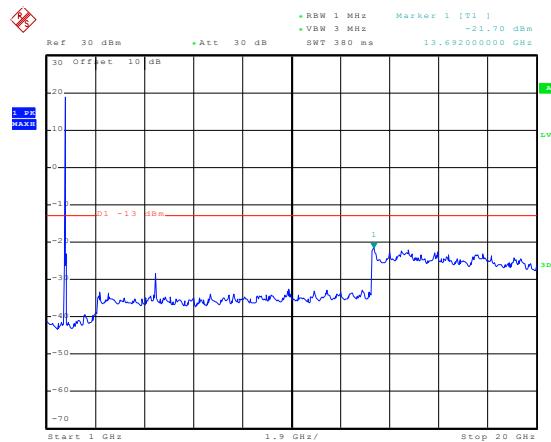
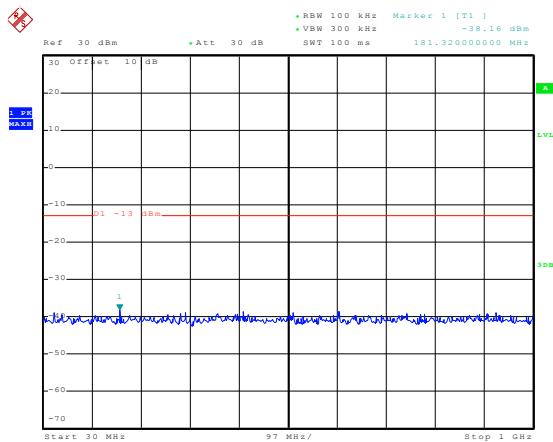
Date: 13.OCT.2015 14:05:40

30MHz~1GHz

Date: 13.OCT.2015 14:08:40

1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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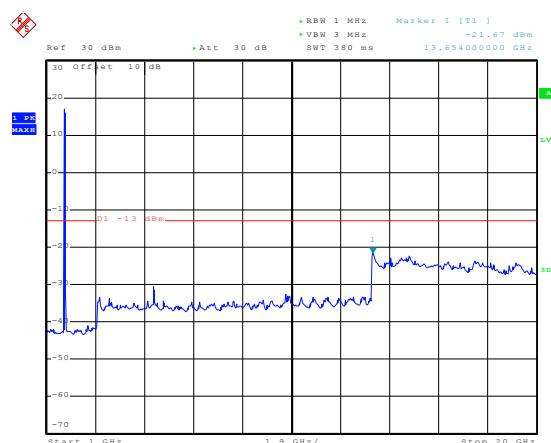
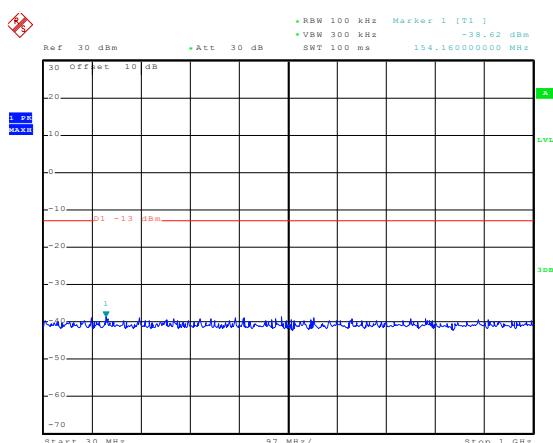
Date: 13.OCT.2015 14:13:58

30MHz~1GHz

Date: 13.OCT.2015 14:10:30

1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Lowest channel
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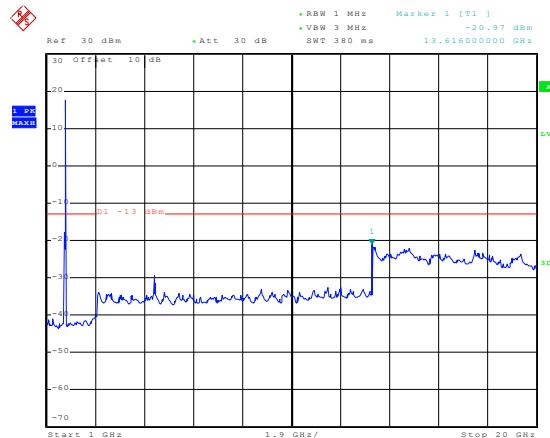
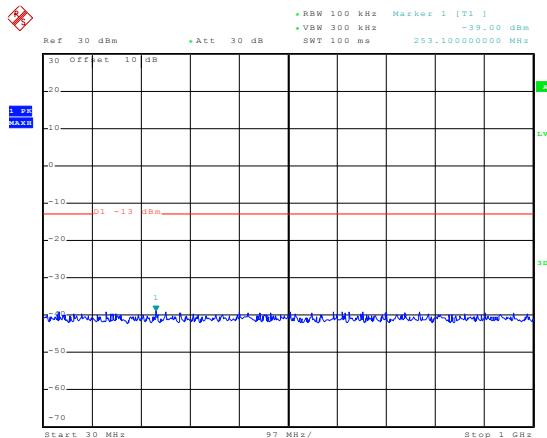
Date: 13.OCT.2015 14:03:07

30MHz~1GHz

Date: 13.OCT.2015 14:02:02

1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Middle channel
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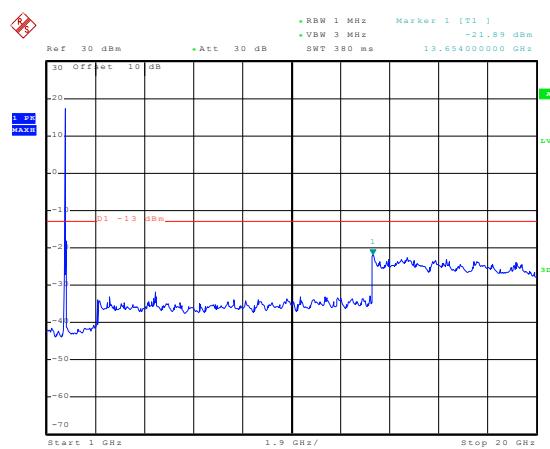
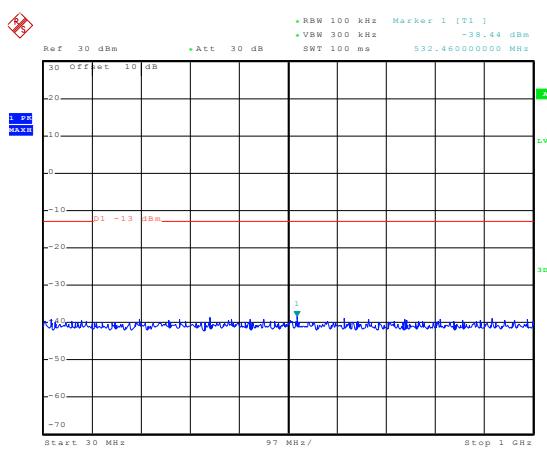
Date: 13.OCT.2015 14:05:52

30MHz~1GHz

Date: 13.OCT.2015 14:06:54

1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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Date: 13.OCT.2015 14:12:51

30MHz~1GHz

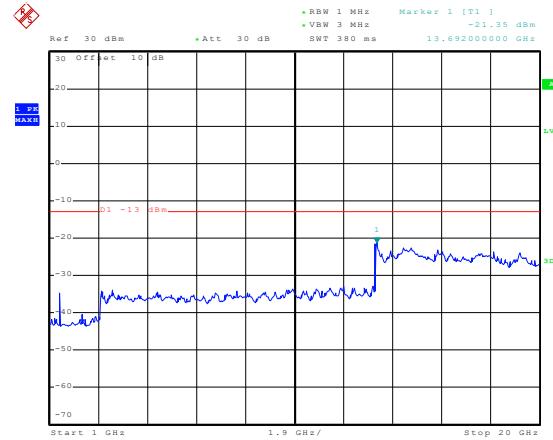
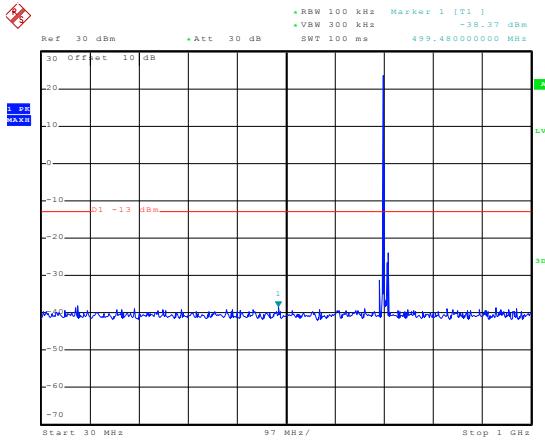
Date: 13.OCT.2015 14:10:53

1GHz~20GHz

LTE band 17 part:

5MHz:

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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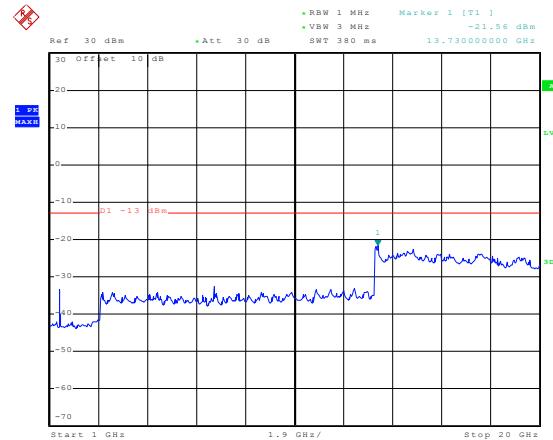
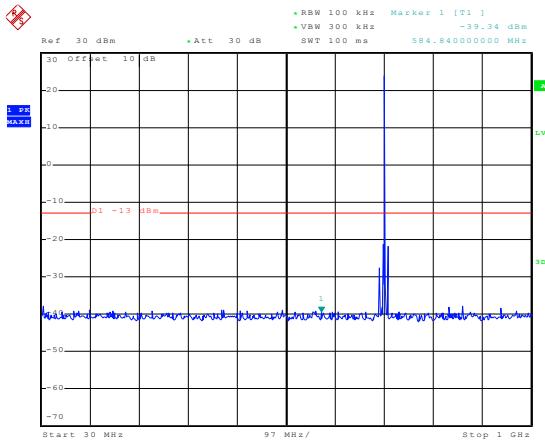
Date: 9.OCT.2015 16:58:23

30MHz~1GHz

Date: 9.OCT.2015 17:04:28

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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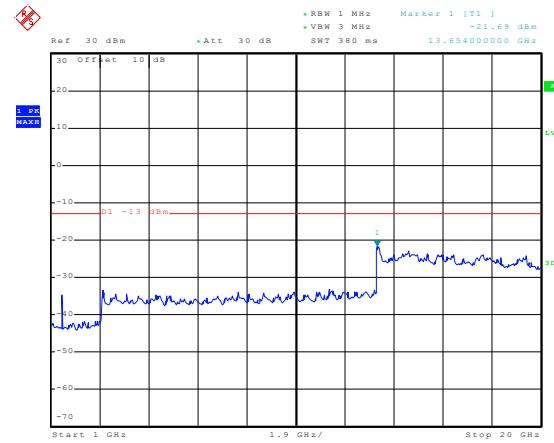
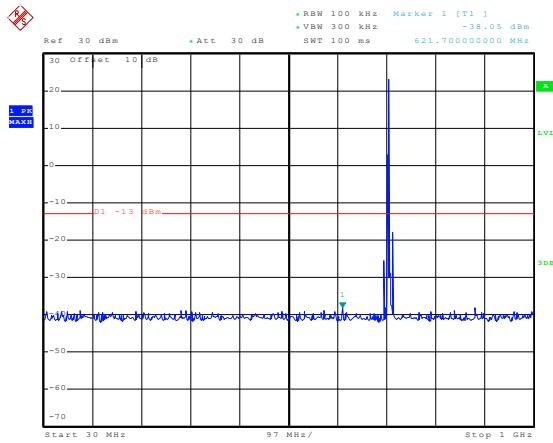
Date: 9.OCT.2015 17:08:43

30MHz~1GHz

Date: 9.OCT.2015 17:05:59

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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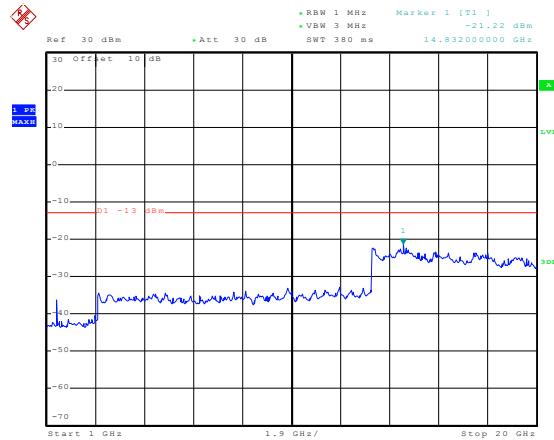
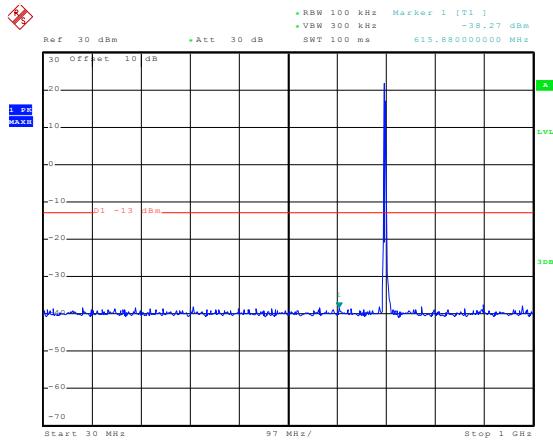
Date: 9.OCT.2015 17:12:20

30MHz~1GHz

Date: 9.OCT.2015 17:14:26

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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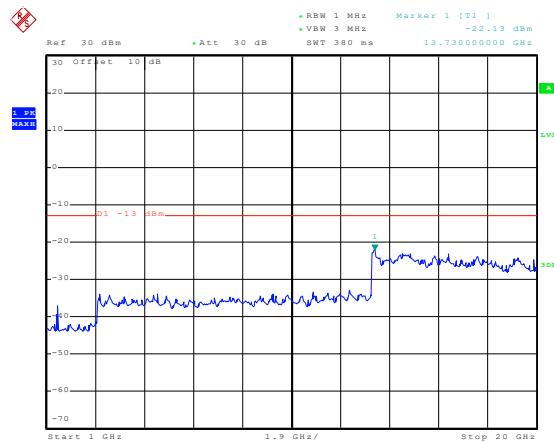
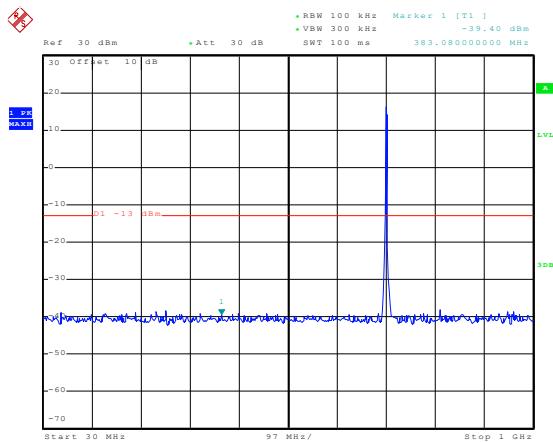
Date: 9.OCT.2015 17:00:09

30MHz~1GHz

Date: 9.OCT.2015 17:04:47

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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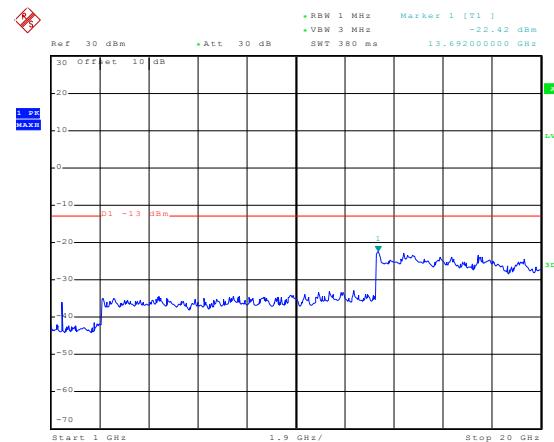
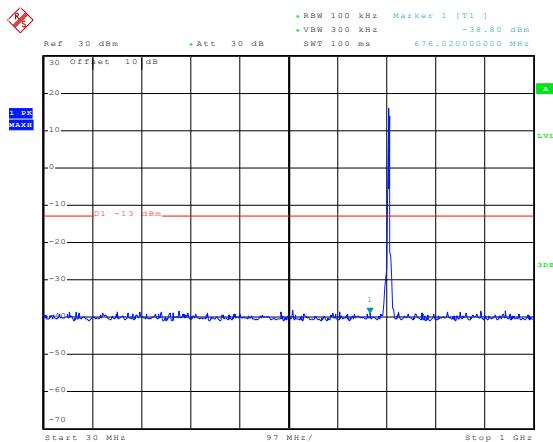
Date: 9.OCT.2015 17:09:13

30MHz~1GHz

Date: 9.OCT.2015 17:06:15

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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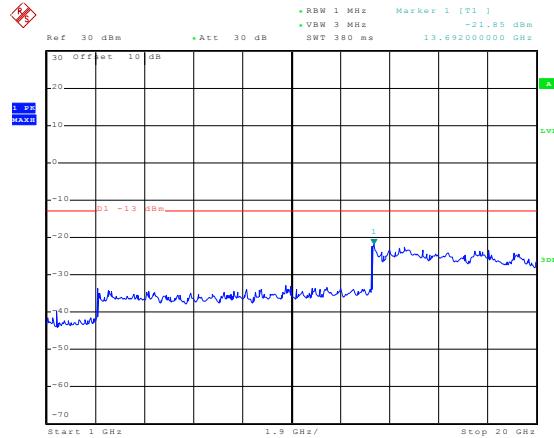
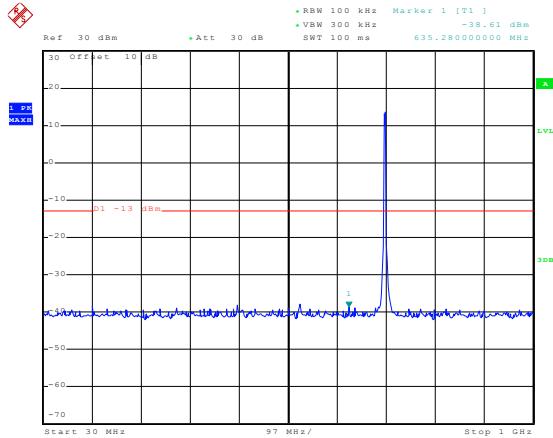
Date: 9.OCT.2015 17:11:39

30MHz~1GHz

Date: 9.OCT.2015 17:14:40

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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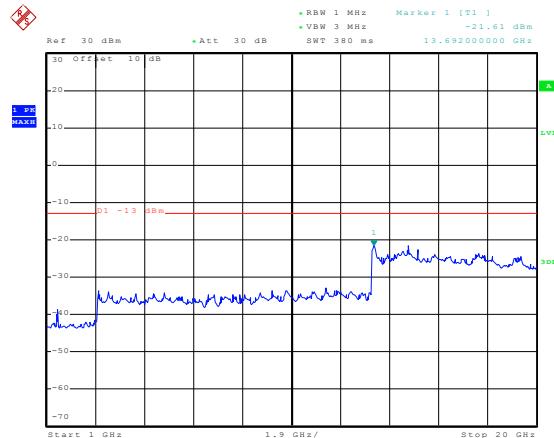
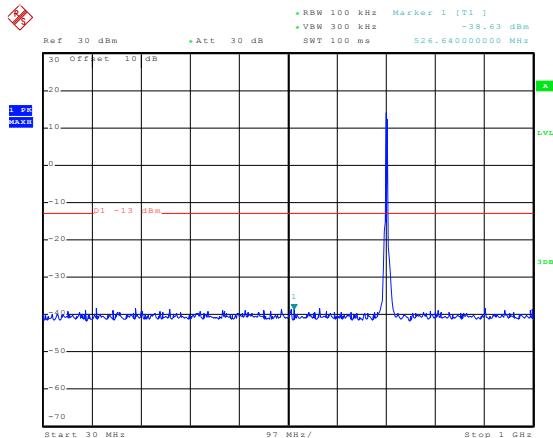
Date: 9.OCT.2015 17:01:19

30MHz~1GHz

Date: 9.OCT.2015 17:05:00

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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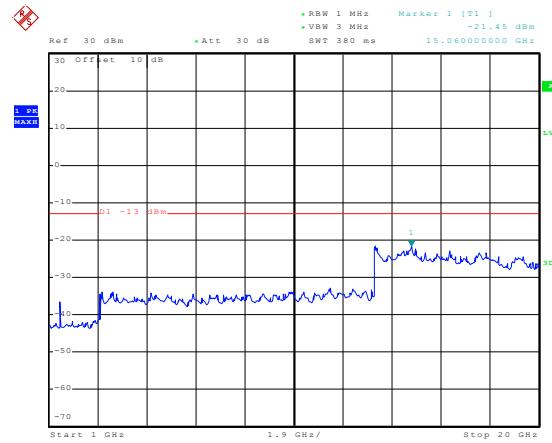
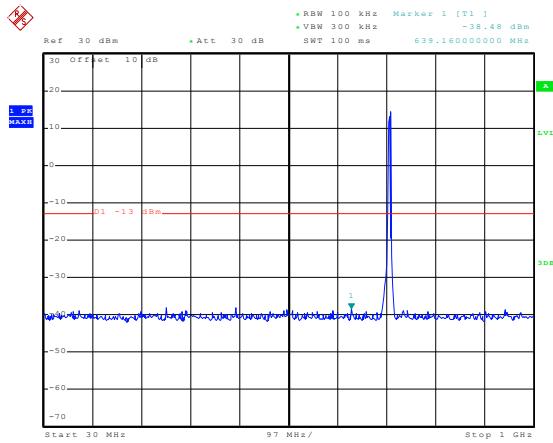
Date: 9.OCT.2015 17:07:43

30MHz~1GHz

Date: 9.OCT.2015 17:07:07

1GHz~20GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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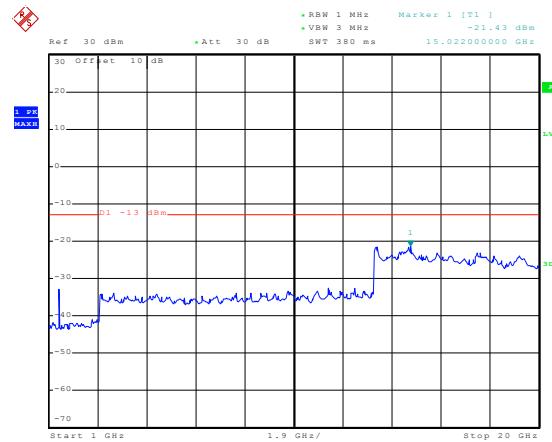
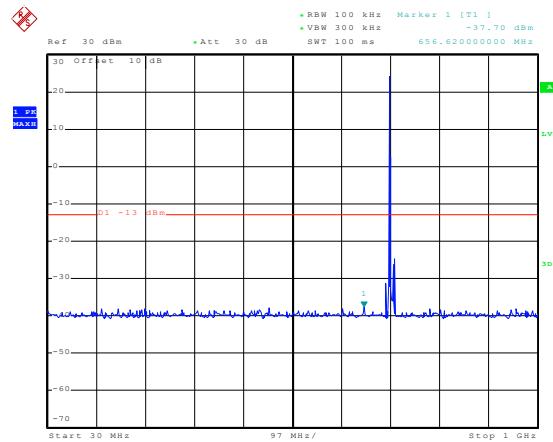
Date: 9.OCT.2015 17:13:10

30MHz~1GHz

Date: 9.OCT.2015 17:13:39

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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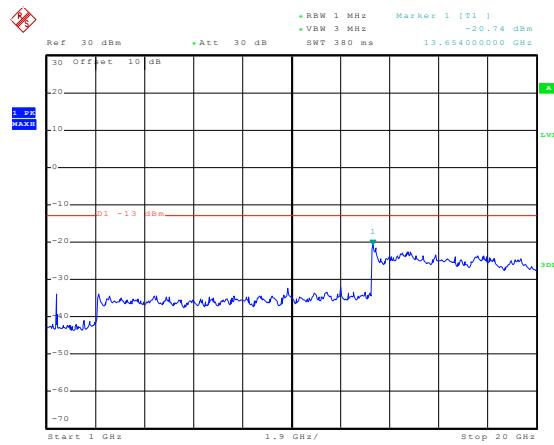
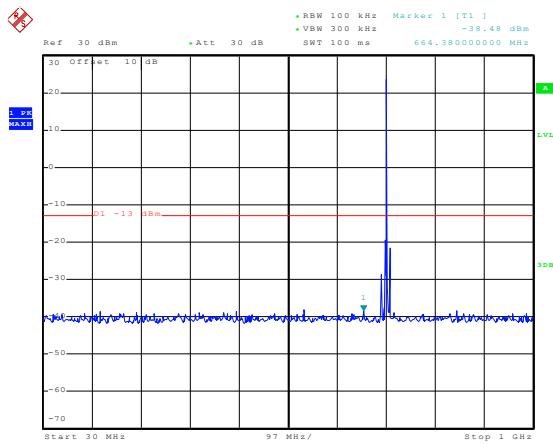
Date: 9.OCT.2015 16:57:18

30MHz~1GHz

Date: 9.OCT.2015 17:02:58

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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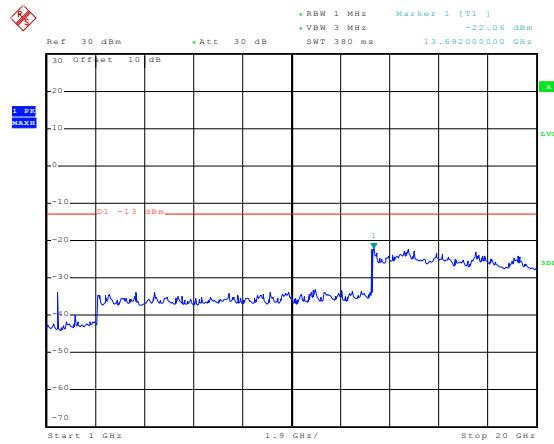
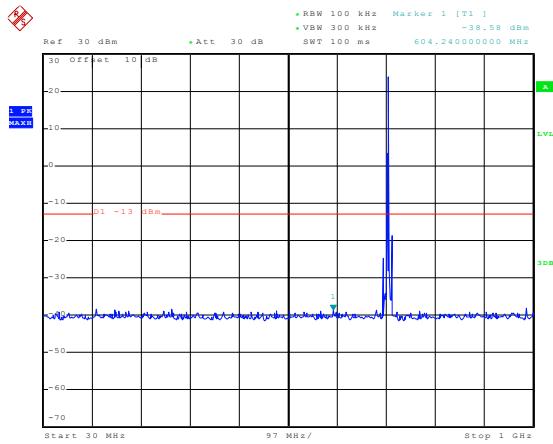
Date: 9.OCT.2015 17:08:24

30MHz~1GHz

Date: 9.OCT.2015 17:05:43

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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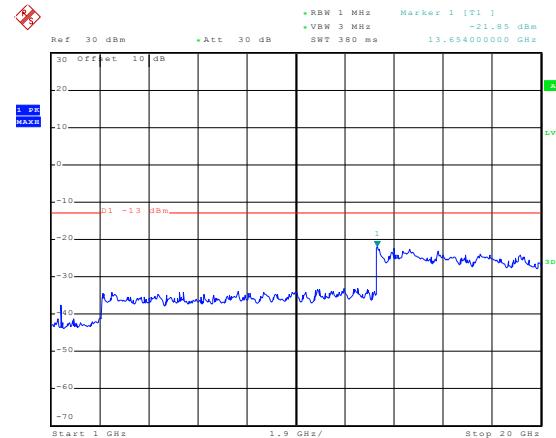
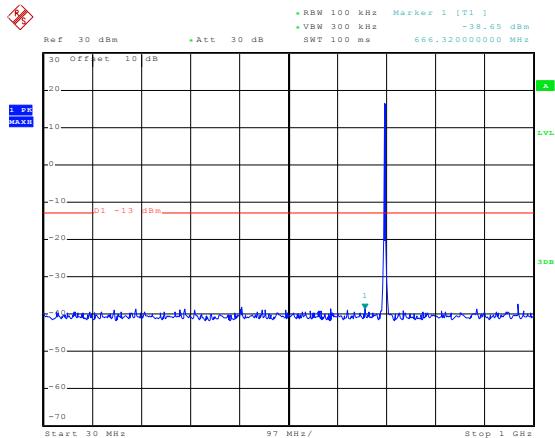
Date: 9.OCT.2015 17:10:27

30MHz~1GHz

Date: 9.OCT.2015 17:14:11

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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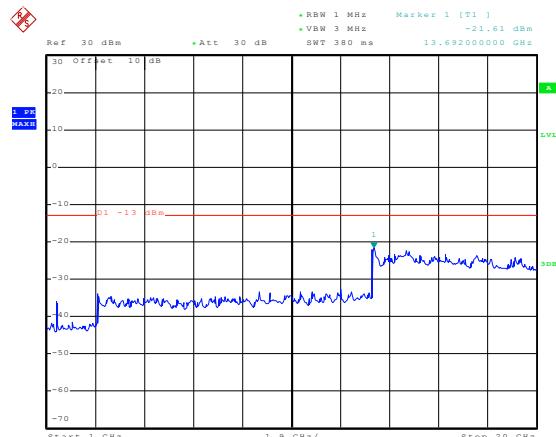
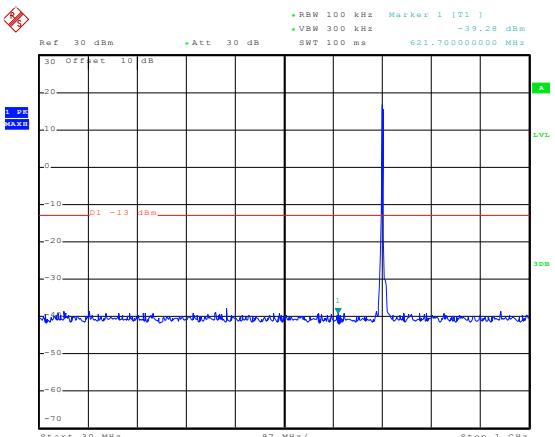
Date: 9.OCT.2015 17:00:33

30MHz~1GHz

Date: 9.OCT.2015 17:03:50

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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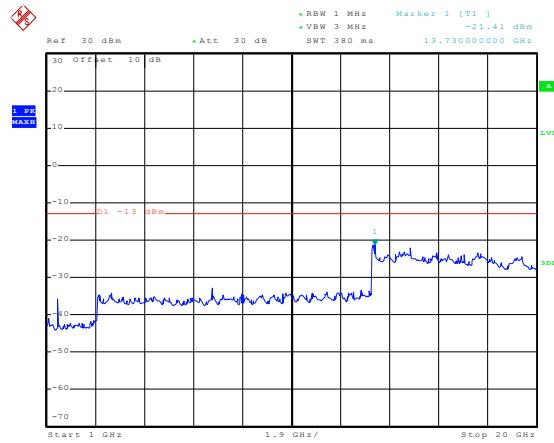
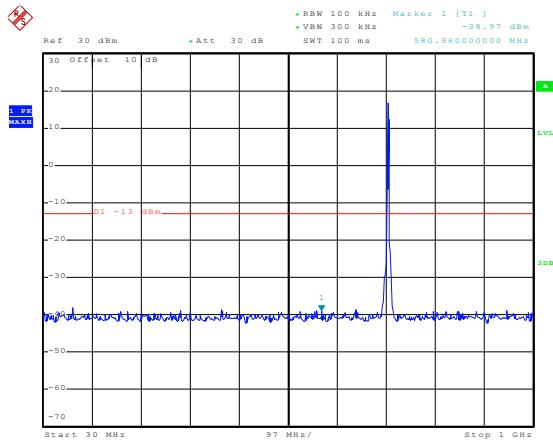
Date: 9.OCT.2015 17:09:35

30MHz~1GHz

Date: 9.OCT.2015 17:06:31

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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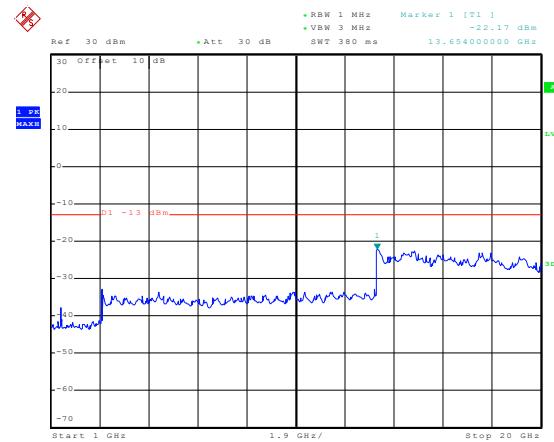
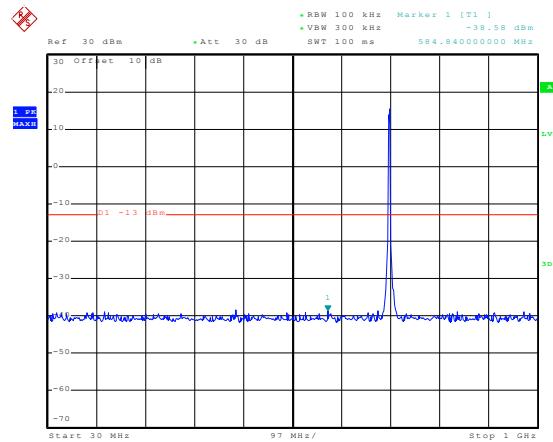
Date: 9.OCT.2015 17:11:59

30MHz~1GHz

Date: 9.OCT.2015 17:14:54

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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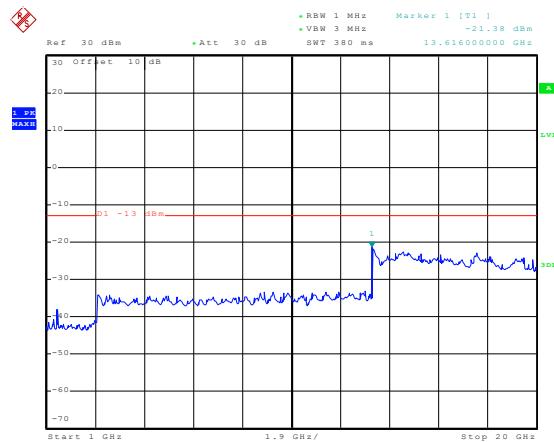
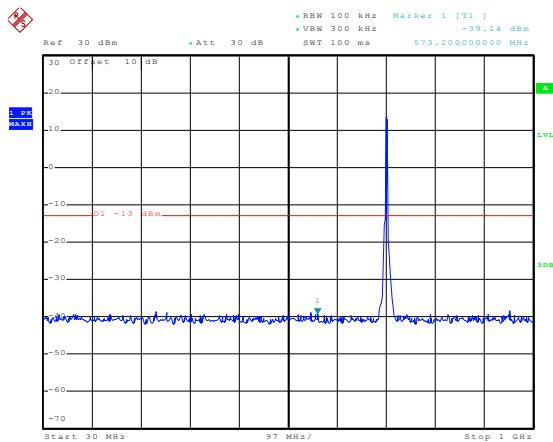
Date: 9.OCT.2015 17:00:59

30MHz~1GHz

Date: 9.OCT.2015 17:04:08

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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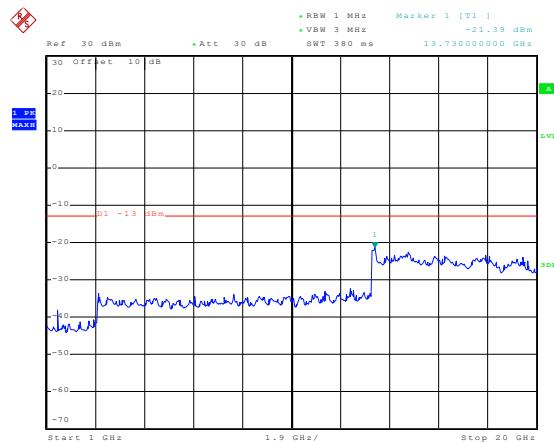
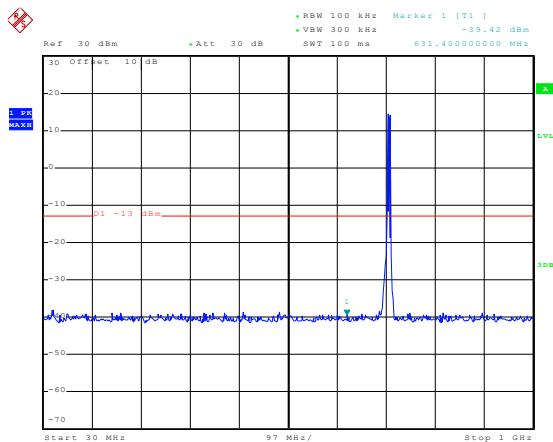
Date: 9.OCT.2015 17:08:01

30MHz~1GHz

Date: 9.OCT.2015 17:06:51

1GHz~20GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 9.OCT.2015 17:12:48

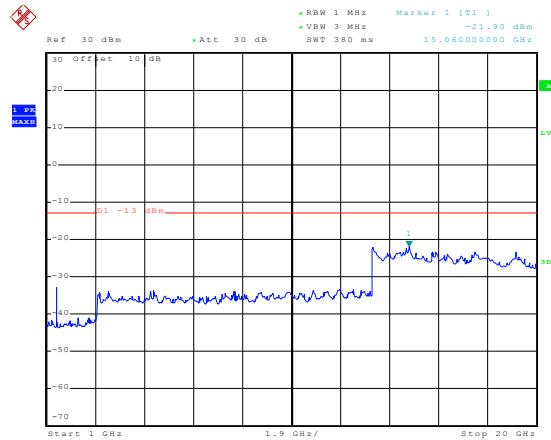
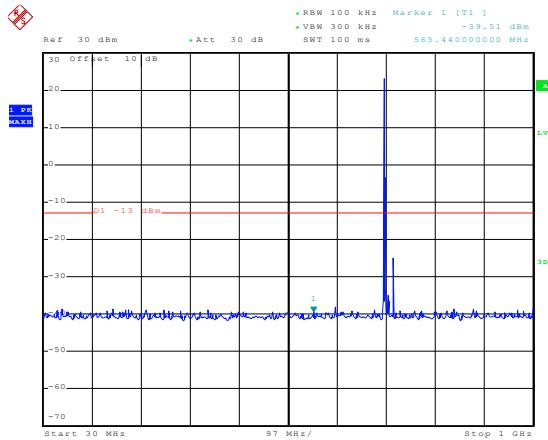
30MHz~1GHz

Date: 9.OCT.2015 17:13:53

1GHz~20GHz

10MHz:

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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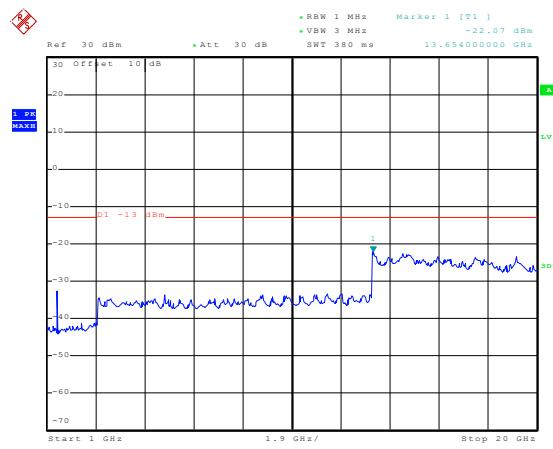
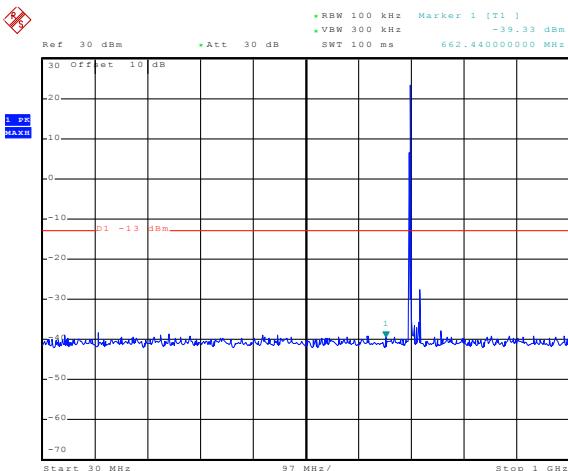
Date: 9.OCT.2015 17:20:04

30MHz~1GHz

Date: 9.OCT.2015 17:17:09

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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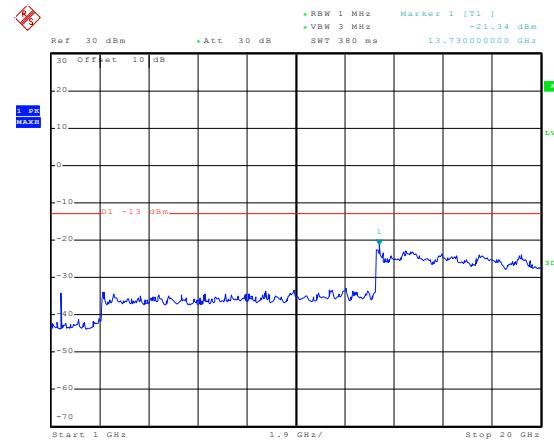
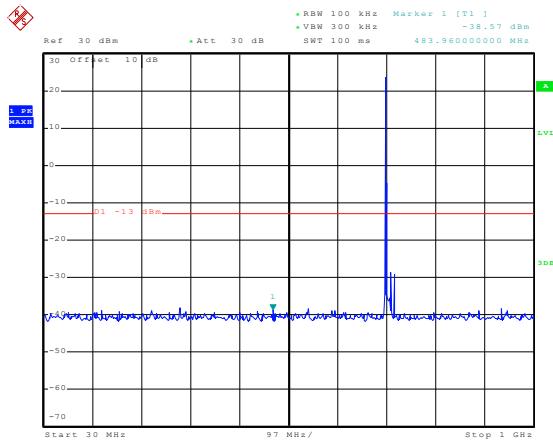
Date: 9.OCT.2015 17:24:23

30MHz~1GHz

Date: 9.OCT.2015 17:27:39

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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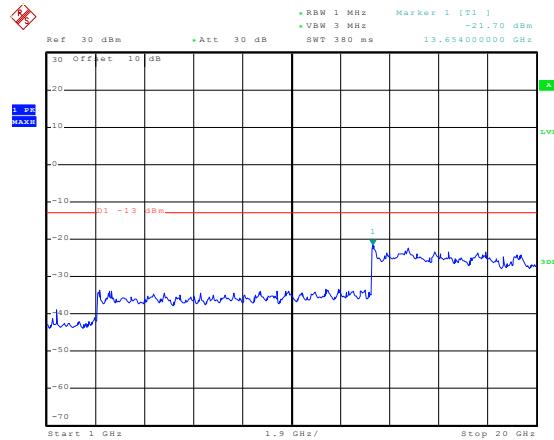
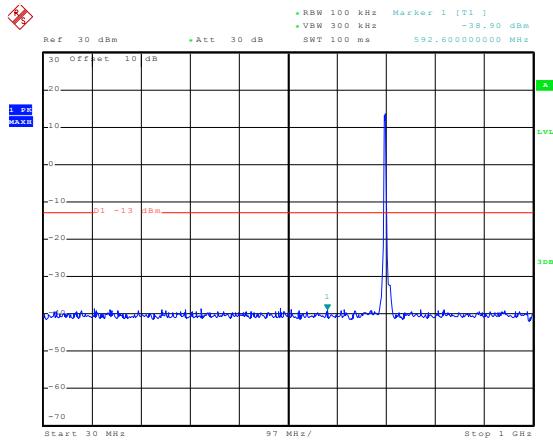
Date: 9.OCT.2015 17:32:13

30MHz~1GHz

Date: 9.OCT.2015 17:29:25

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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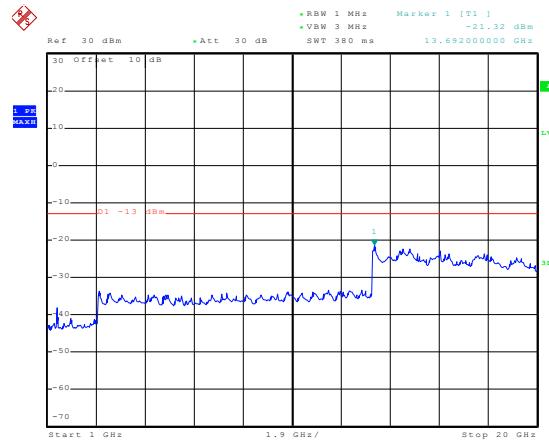
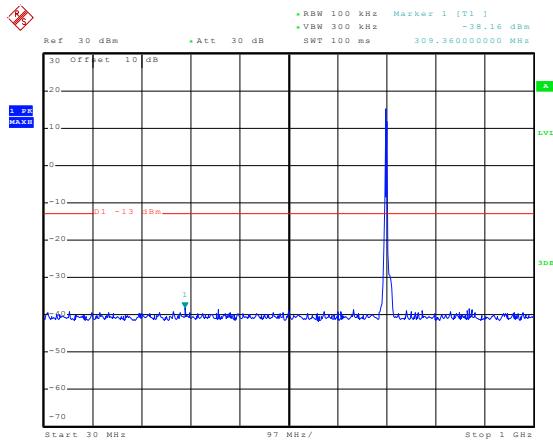
Date: 9.OCT.2015 17:20:57

30MHz~1GHz

Date: 9.OCT.2015 17:17:34

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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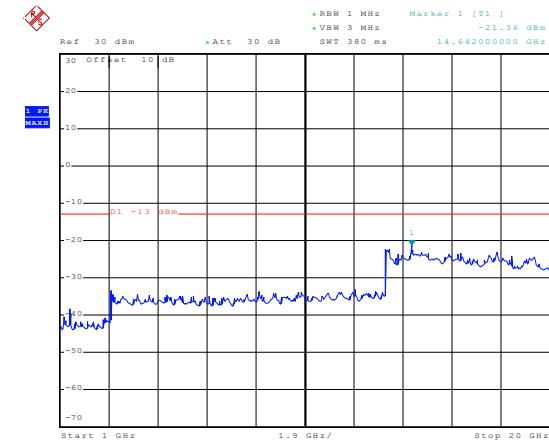
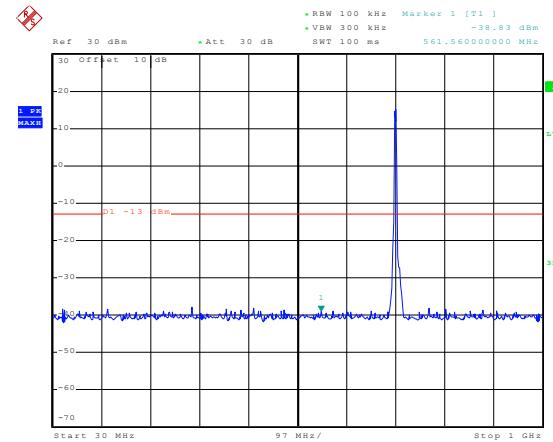
Date: 9.OCT.2015 17:25:04

30MHz~1GHz

Date: 9.OCT.2015 17:27:55

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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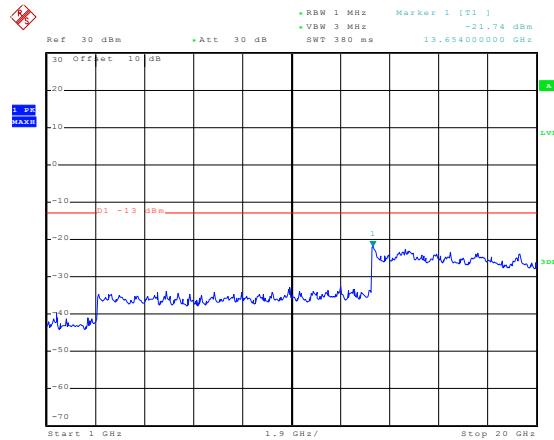
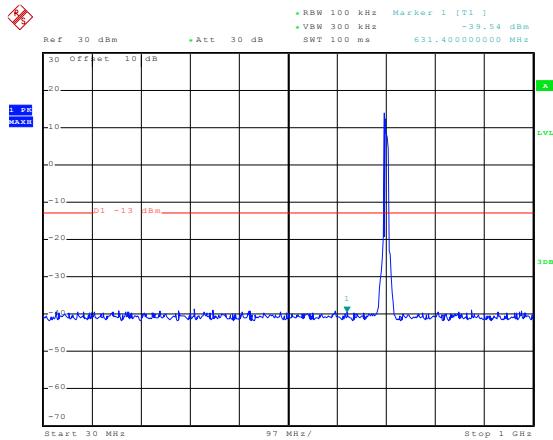
Date: 9.OCT.2015 17:32:48

30MHz~1GHz

Date: 9.OCT.2015 17:29:42

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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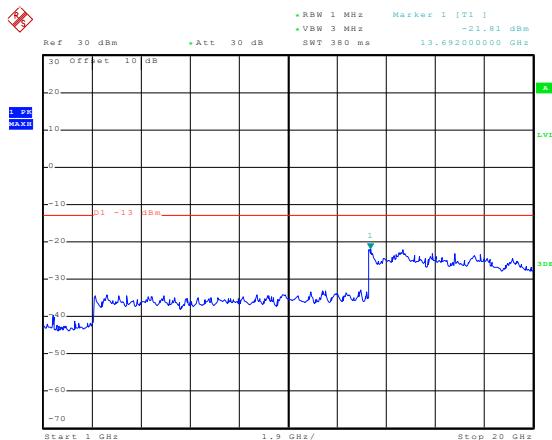
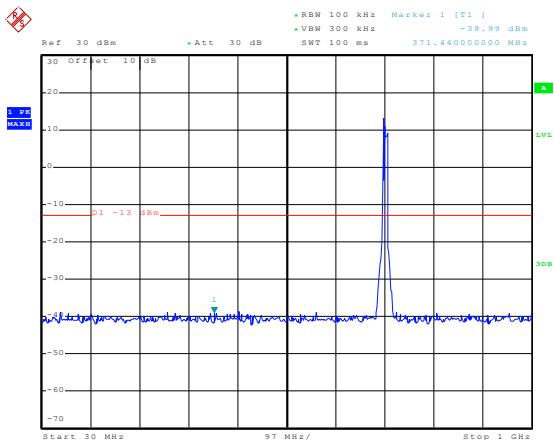
Date: 9.OCT.2015 17:19:00

30MHz~1GHz

Date: 9.OCT.2015 17:18:19

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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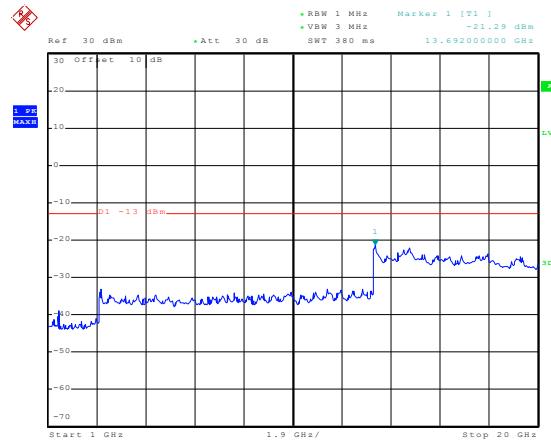
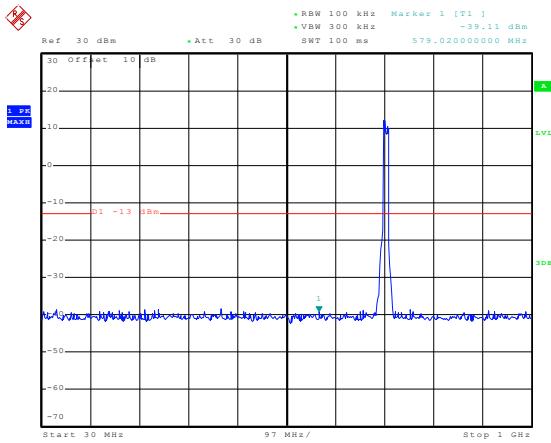
Date: 9.OCT.2015 17:26:00

30MHz~1GHz

Date: 9.OCT.2015 17:27:02

1GHz~20GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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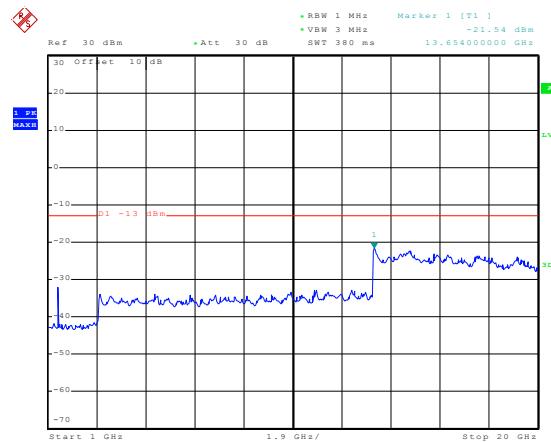
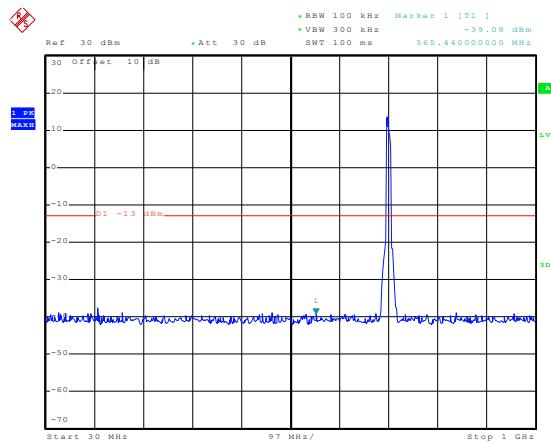
Date: 9.OCT.2015 17:31:07

30MHz~1GHz

Date: 9.OCT.2015 17:30:38

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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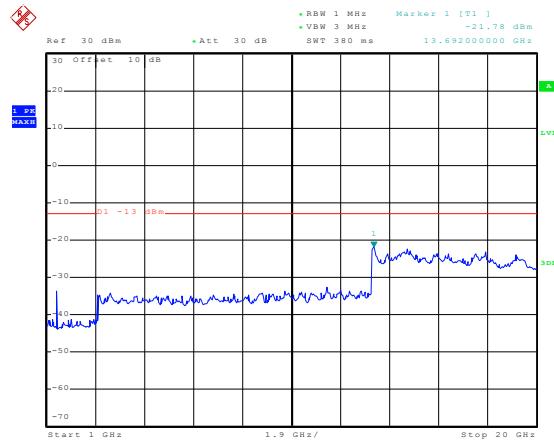
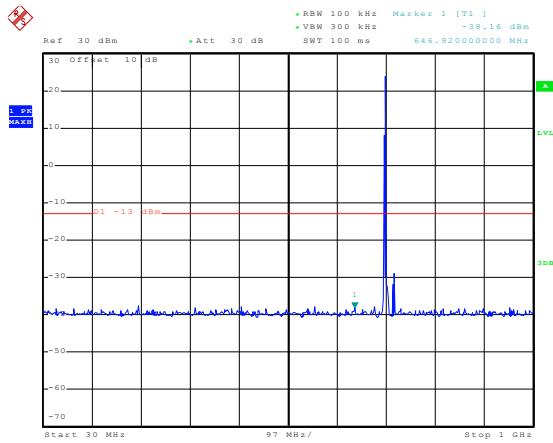
Date: 9.OCT.2015 17:21:37

30MHz~1GHz

Date: 9.OCT.2015 17:16:35

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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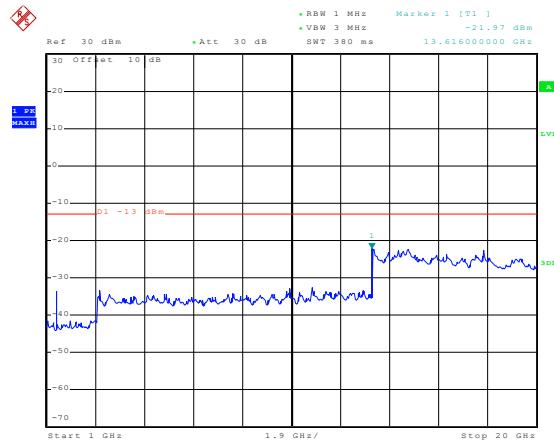
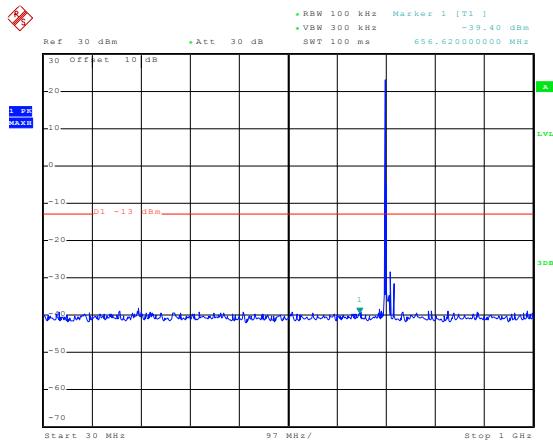
Date: 9.OCT.2015 17:24:03

30MHz~1GHz

Date: 9.OCT.2015 17:27:20

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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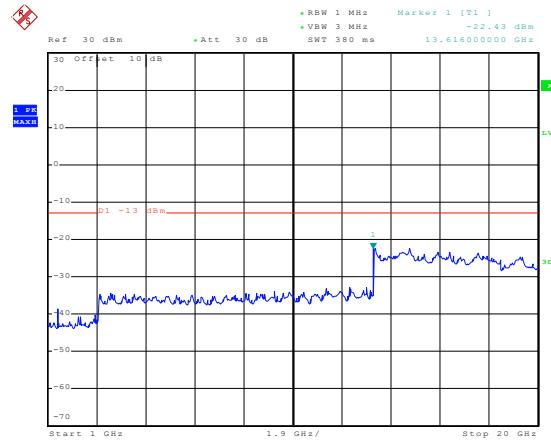
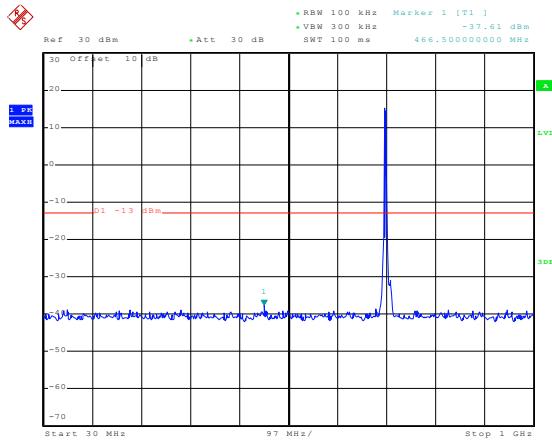
Date: 9.OCT.2015 17:31:48

30MHz~1GHz

Date: 9.OCT.2015 17:29:08

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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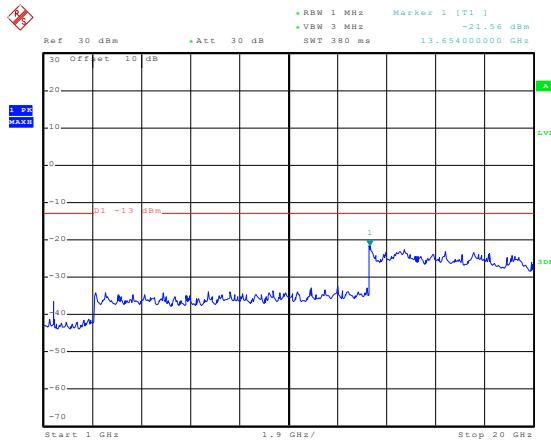
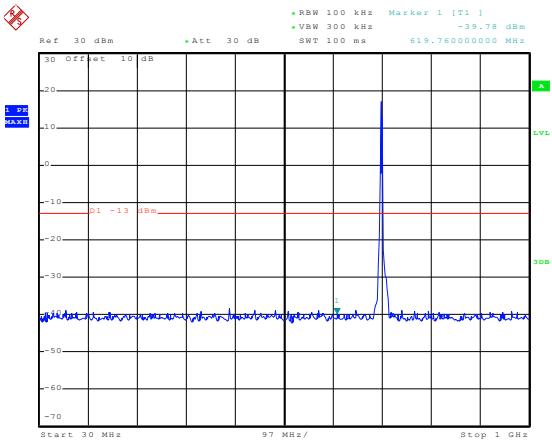
Date: 9.OCT.2015 17:21:20

30MHz~1GHz

Date: 9.OCT.2015 17:17:50

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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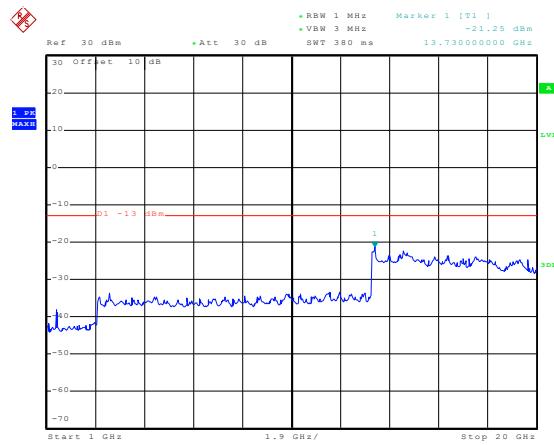
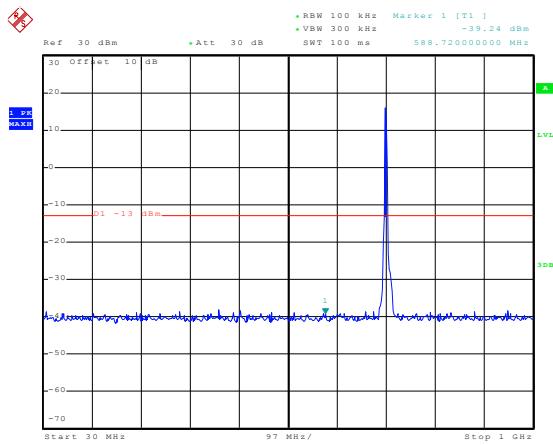
Date: 9.OCT.2015 17:25:22

30MHz~1GHz

Date: 9.OCT.2015 17:28:13

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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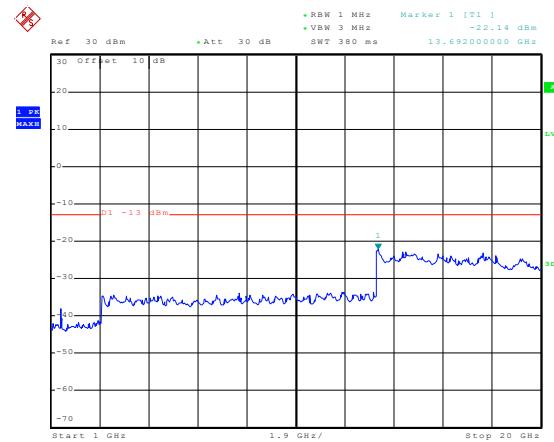
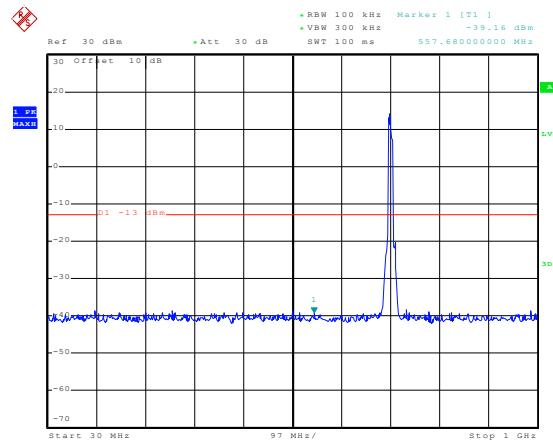
Date: 9.OCT.2015 17:33:20

30MHz~1GHz

Date: 9.OCT.2015 17:29:58

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Lowest channel
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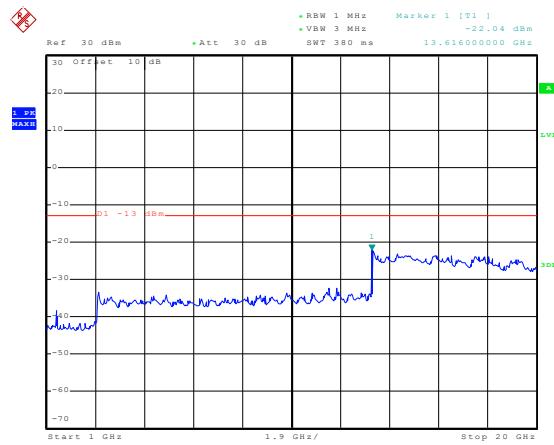
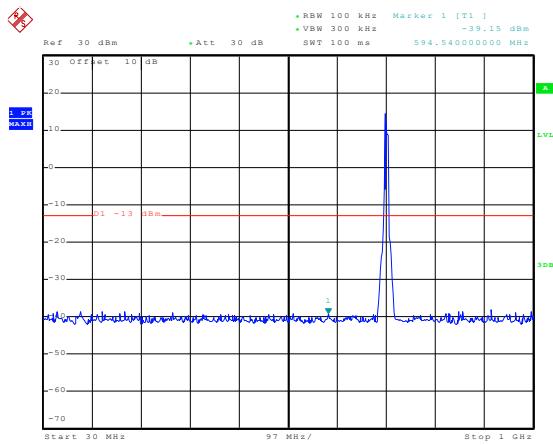
Date: 9.OCT.2015 17:19:19

30MHz~1GHz

Date: 9.OCT.2015 17:18:05

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Middle channel
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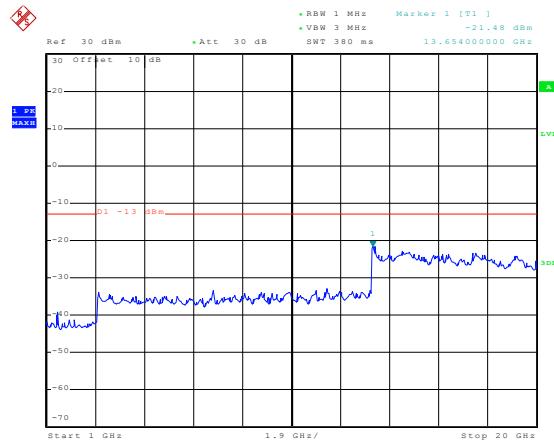
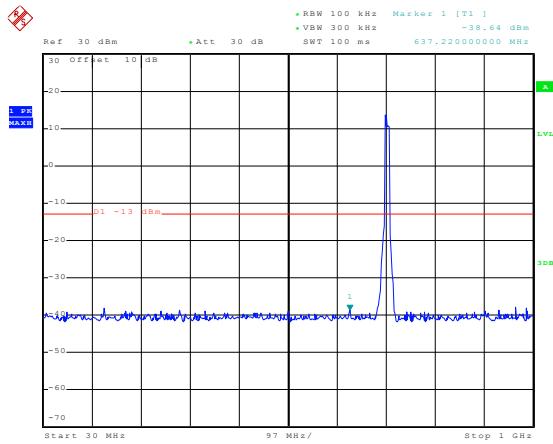
Date: 9.OCT.2015 17:25:40

30MHz~1GHz

Date: 9.OCT.2015 17:26:46

1GHz~20GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50 & RB Offset 0	Test Channel:	Highest channel
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Date: 9.OCT.2015 17:31:28

30MHz~1GHz

Date: 9.OCT.2015 17:30:24

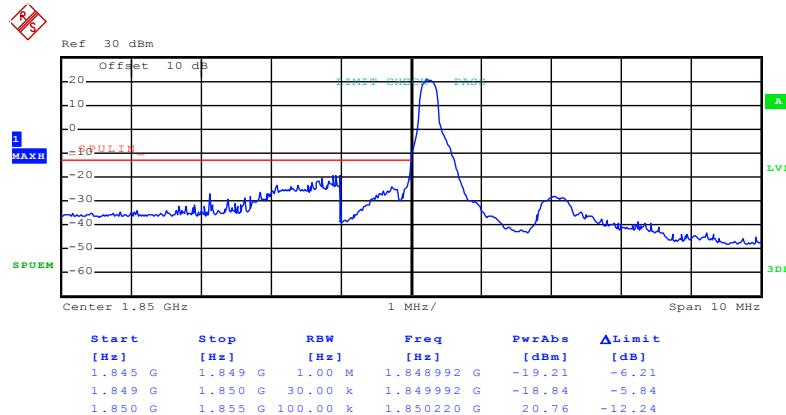
1GHz~20GHz

Band edge emission:

LTE band 2 part:

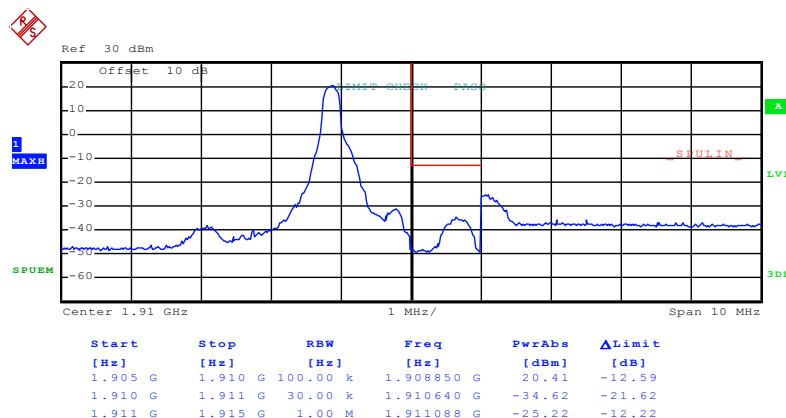
1.4MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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Date: 15.OCT.2015 09:55:40

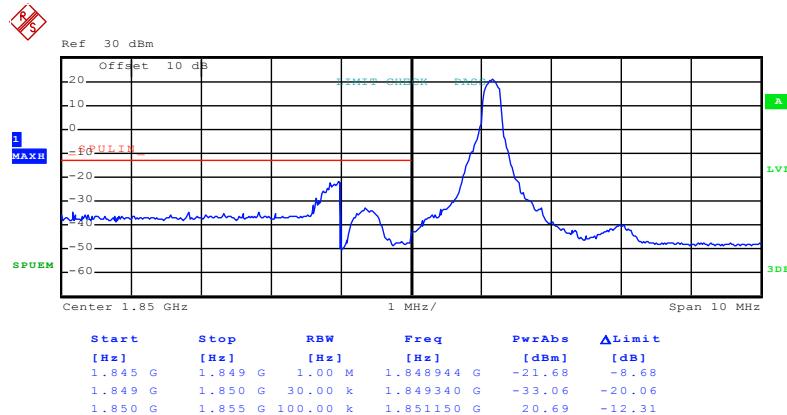
Lowest channel



Date: 15.OCT.2015 10:00:52

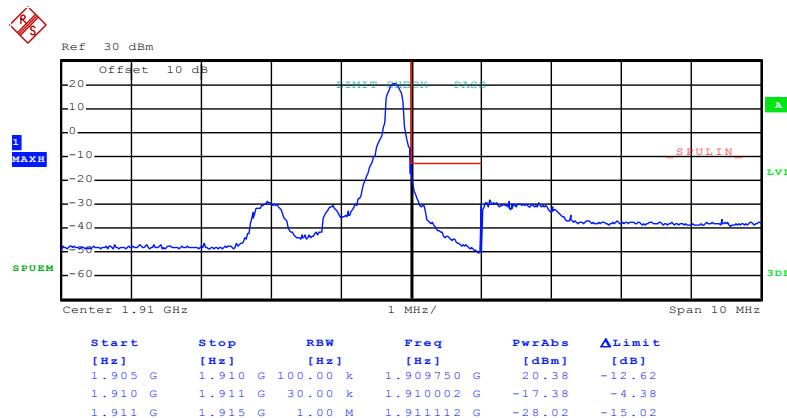
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 5)
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Date: 15.OCT.2015 09:57:01

Lowest channel

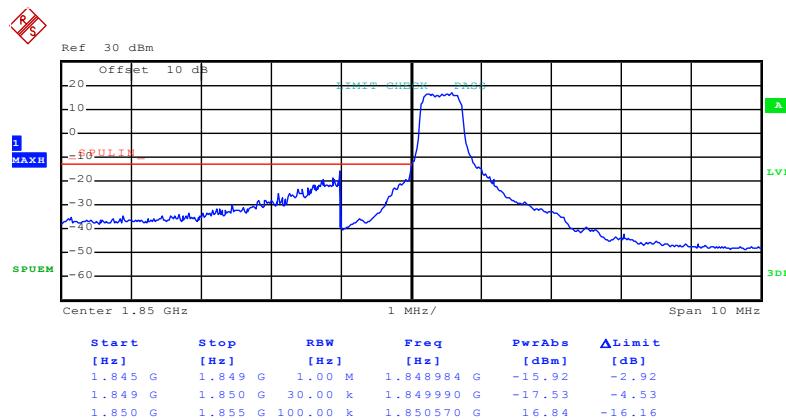


Date: 15.OCT.2015 10:01:39

Highest channel

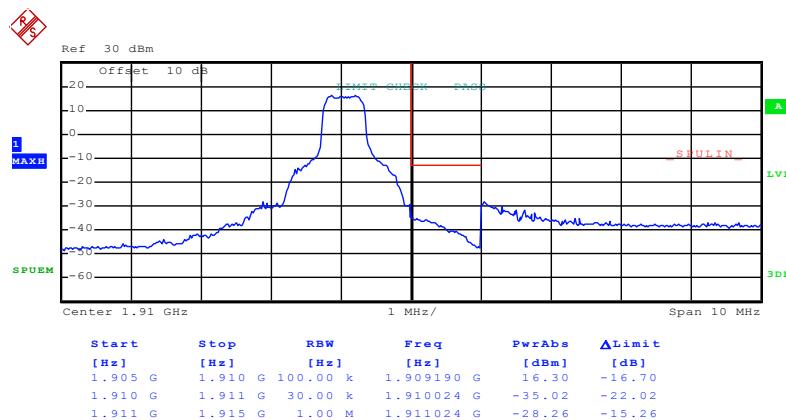
Test Mode:

LTE band 2(QPSK RB Size 3 & RB Offset 0)



Date: 15.OCT.2015 09:57:52

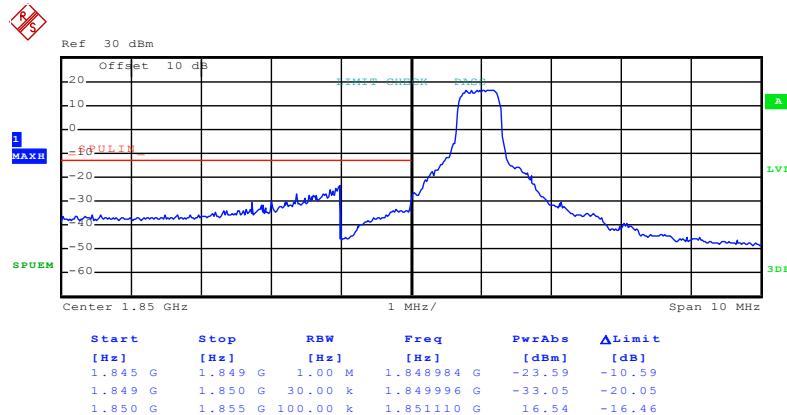
Lowest channel



Date: 15.OCT.2015 10:02:55

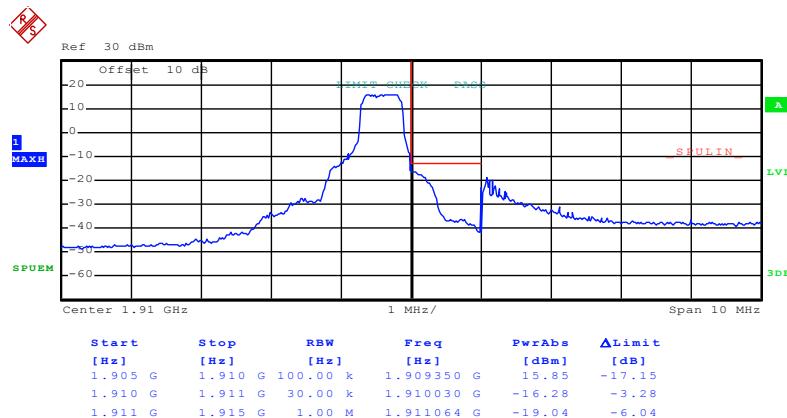
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 3 & RB Offset 2)
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Date: 15.OCT.2015 09:58:38

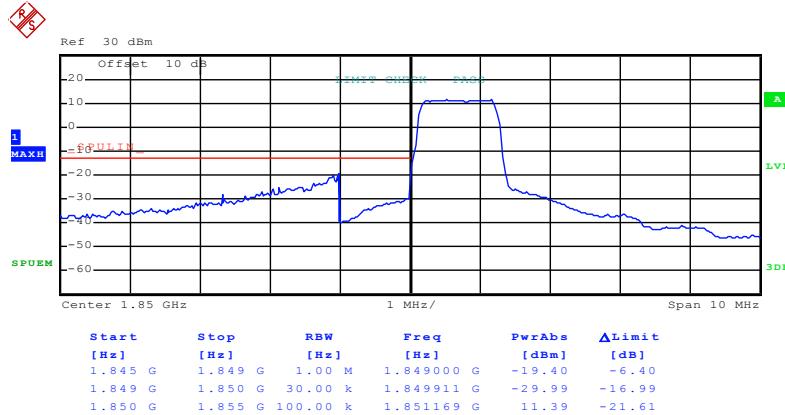
Lowest channel



Date: 15.OCT.2015 10:03:10

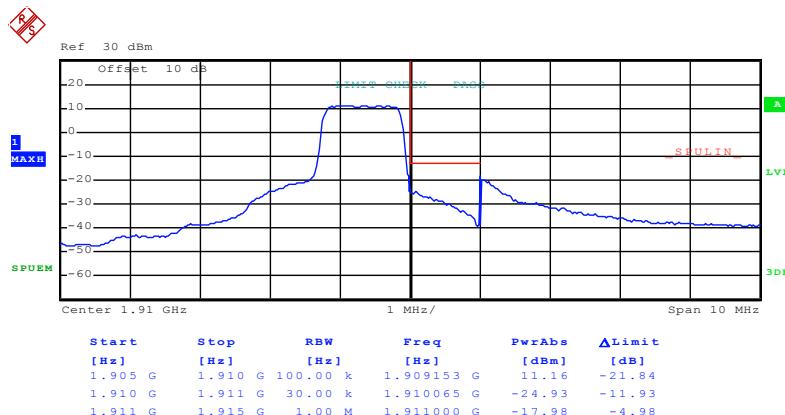
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 6 & RB Offset 0)
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Date: 15.OCT.2015 09:59:27

Lowest channel

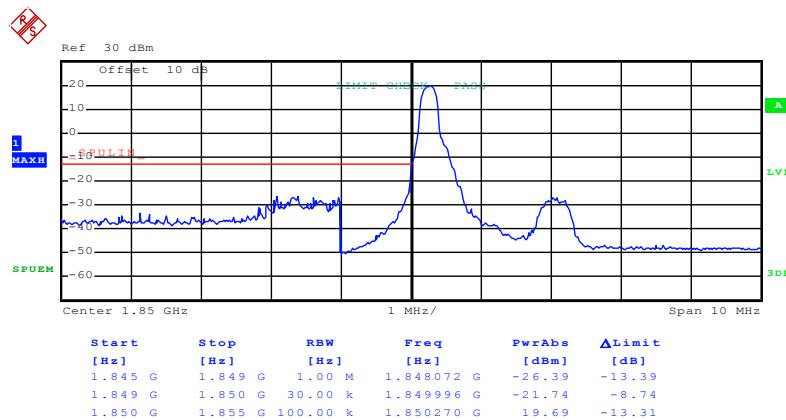


Date: 15.OCT.2015 10:10:01

Highest channel

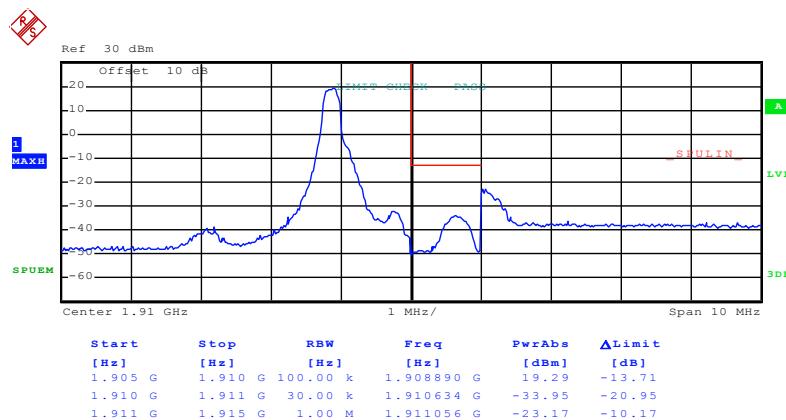
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 15.OCT.2015 09:56:11

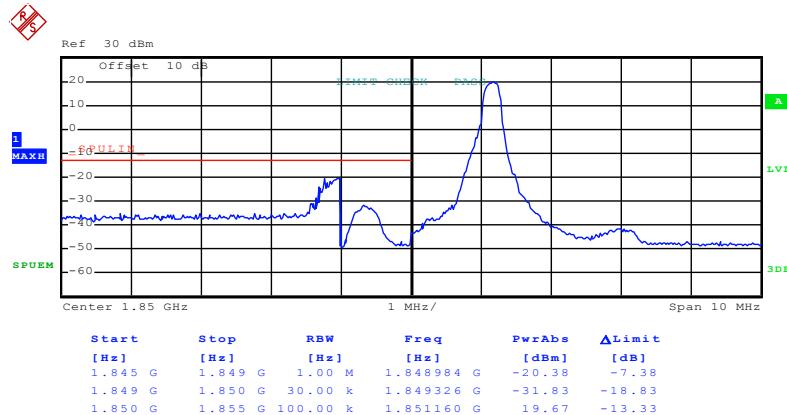
Lowest channel



Date: 15.OCT.2015 10:01:07

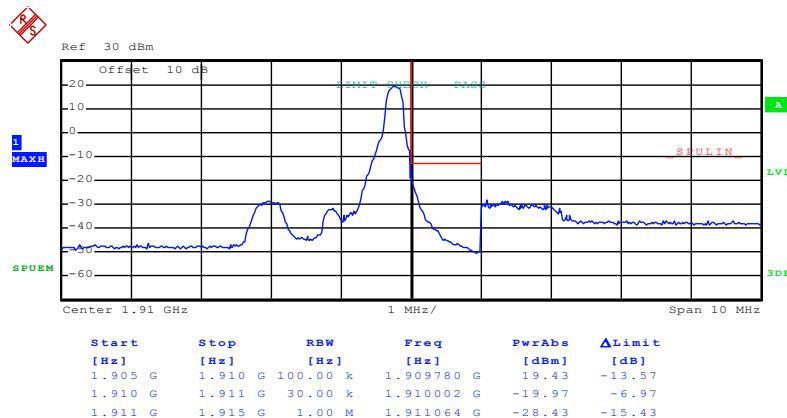
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 5)
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Date: 15.OCT.2015 09:56:39

Lowest channel

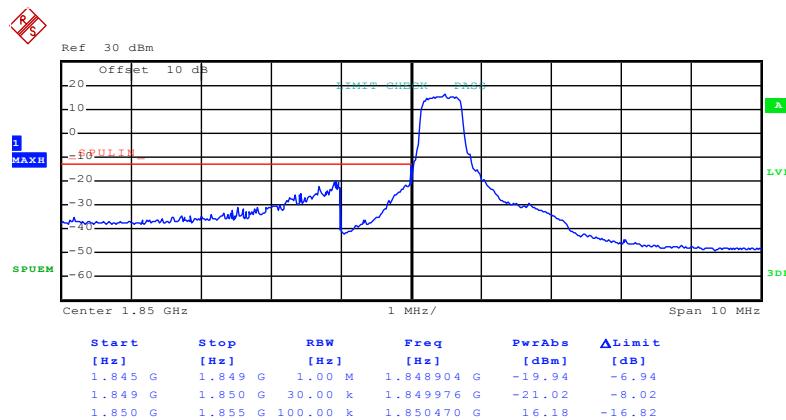


Date: 15.OCT.2015 10:01:27

Highest channel

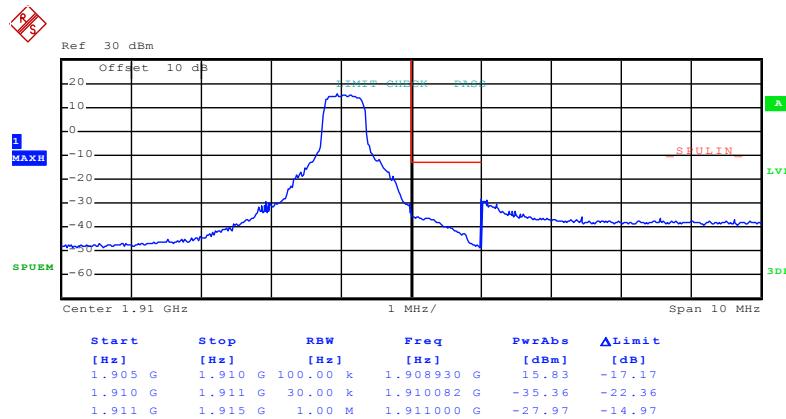
Test Mode:

LTE band 2(16QAM RB Size 3 & RB Offset 0)



Date: 15.OCT.2015 09:58:07

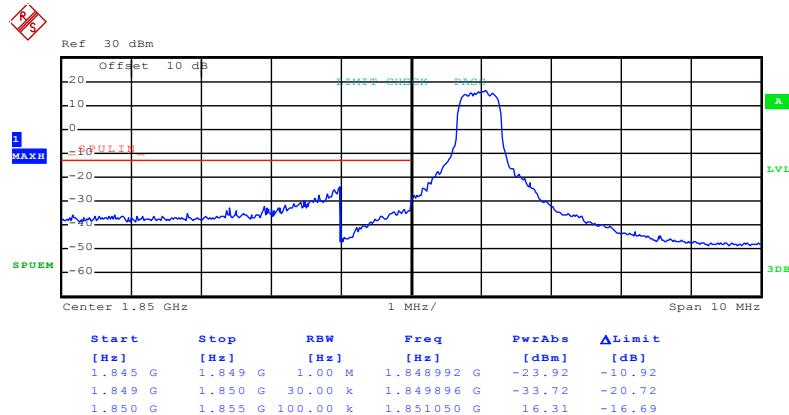
Lowest channel



Date: 15.OCT.2015 10:02:41

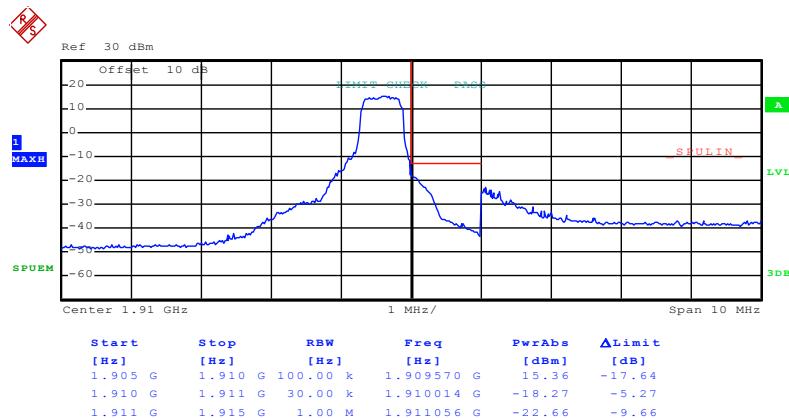
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 3 & RB Offset 2)
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Date: 15.OCT.2015 09:58:22

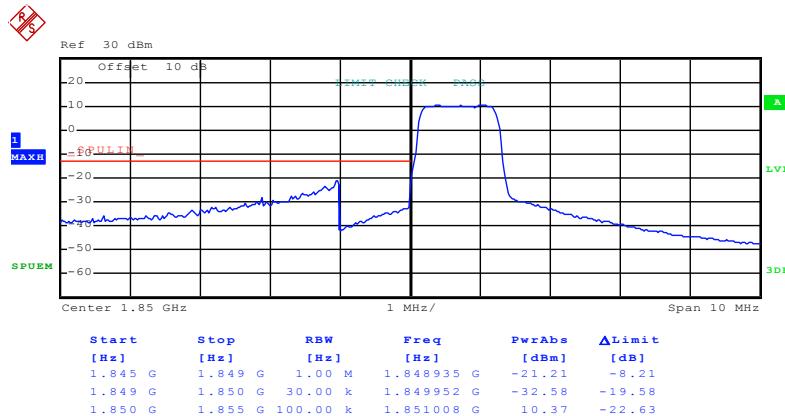
Lowest channel



Date: 15.OCT.2015 10:03:27

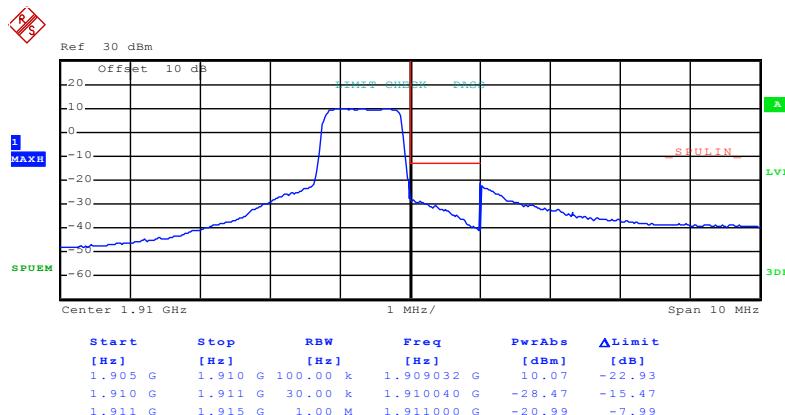
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 6 & RB Offset 0)
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Date: 15.OCT.2015 09:59:40

Lowest channel

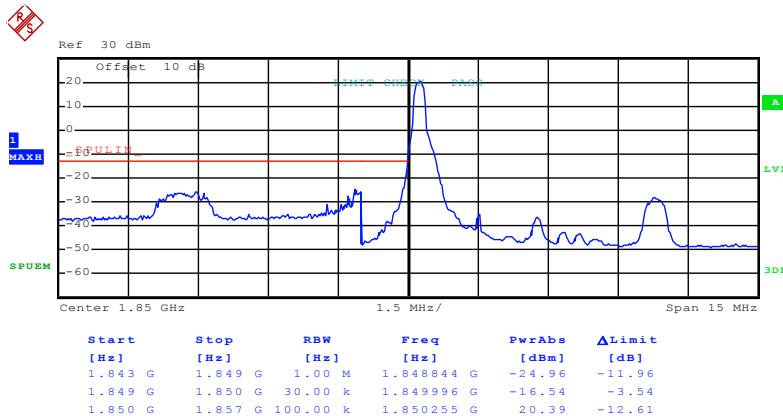


Date: 15.OCT.2015 10:10:16

Highest channel

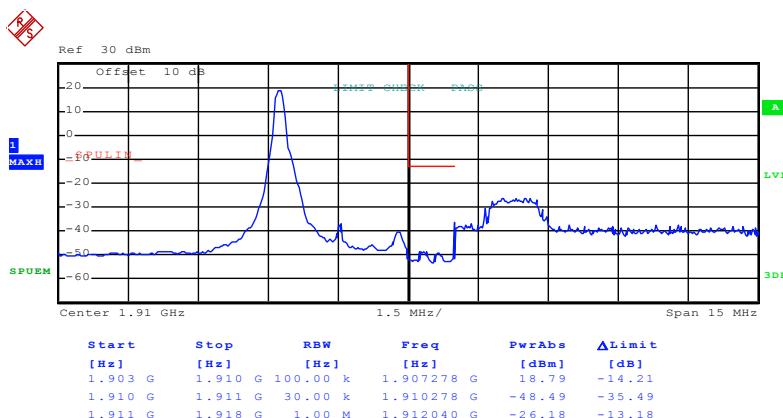
3MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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Date: 15.OCT.2015 10:13:08

Lowest channel

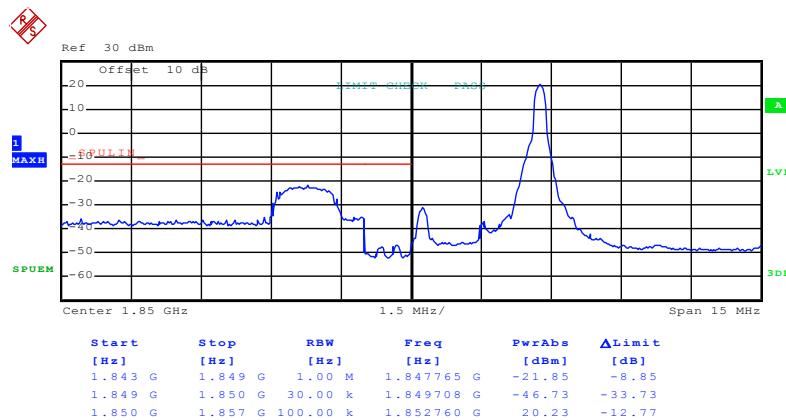


Date: 15.OCT.2015 10:18:13

Highest channel

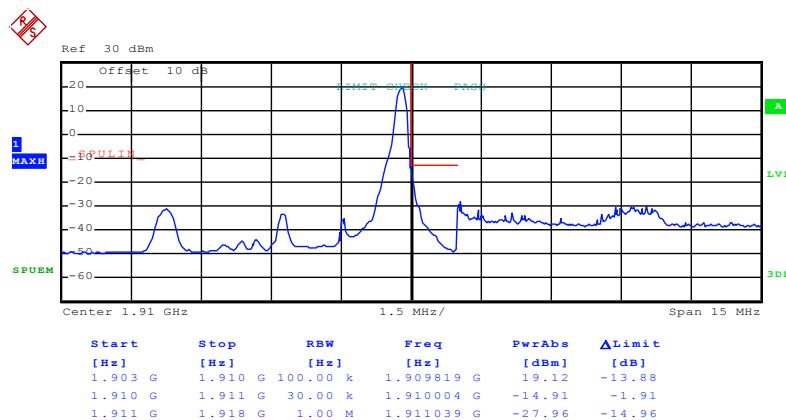
Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 14)



Date: 15.OCT.2015 10:14:09

Lowest channel

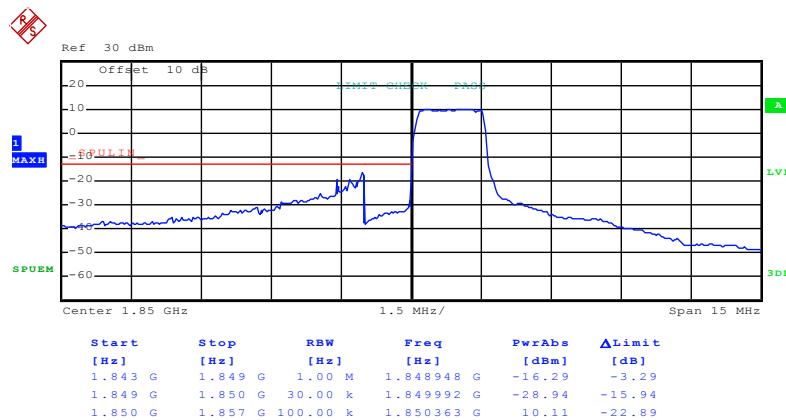


Date: 15.OCT.2015 10:19:01

Highest channel

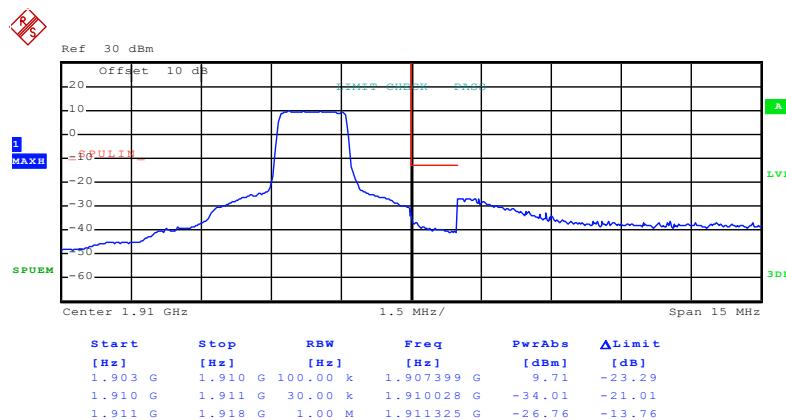
Test Mode:

LTE band 2(QPSK RB Size 8 & RB Offset 0)



Date: 15.OCT.2015 10:15:09

Lowest channel

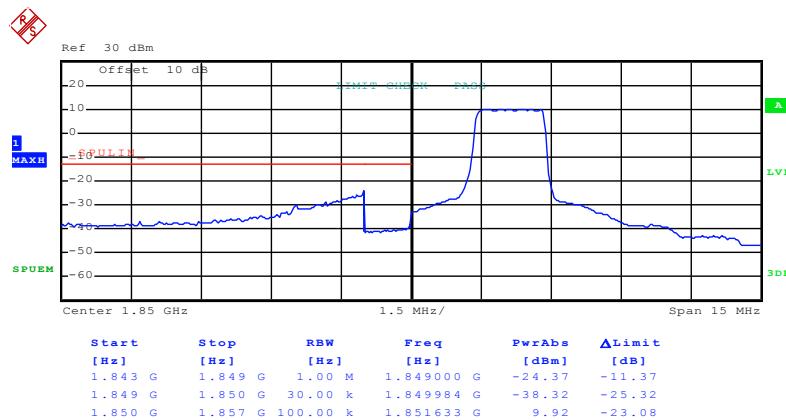


Date: 15.OCT.2015 10:19:29

Highest channel

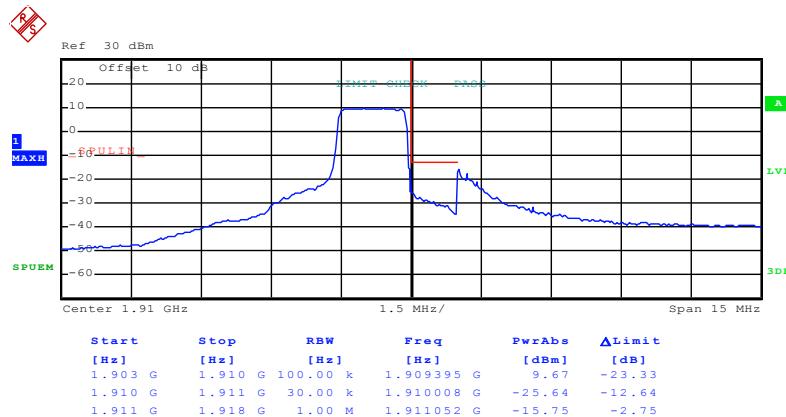
Test Mode:

LTE band 2(QPSK RB Size 8 & RB Offset 7)



Date: 15.OCT.2015 10:16:09

Lowest channel

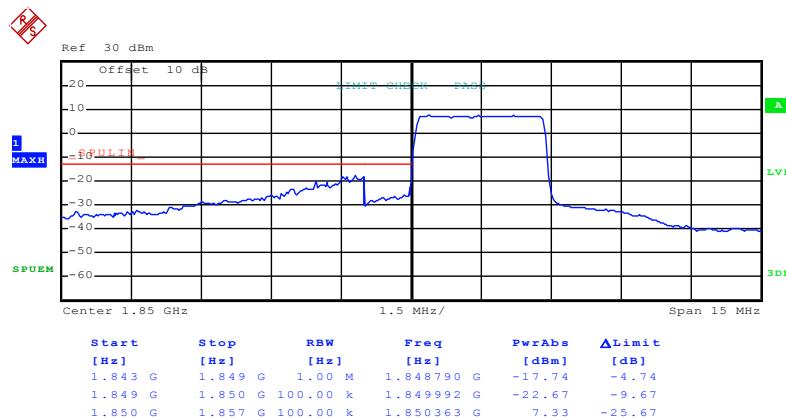


Date: 15.OCT.2015 10:20:54

Highest channel

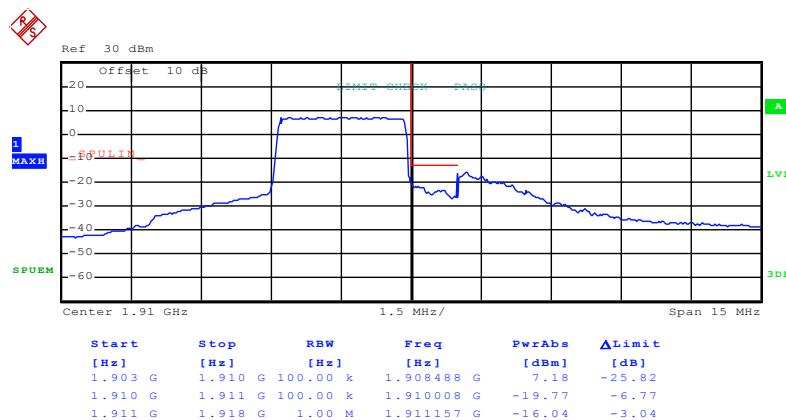
Test Mode:

LTE band 2(QPSK RB Size 15 & RB Offset 0)



Date: 15.OCT.2015 10:16:39

Lowest channel

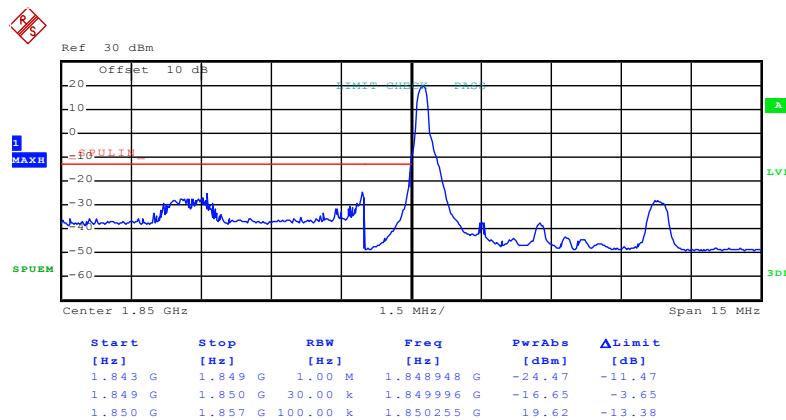


Date: 15.OCT.2015 10:22:34

Highest channel

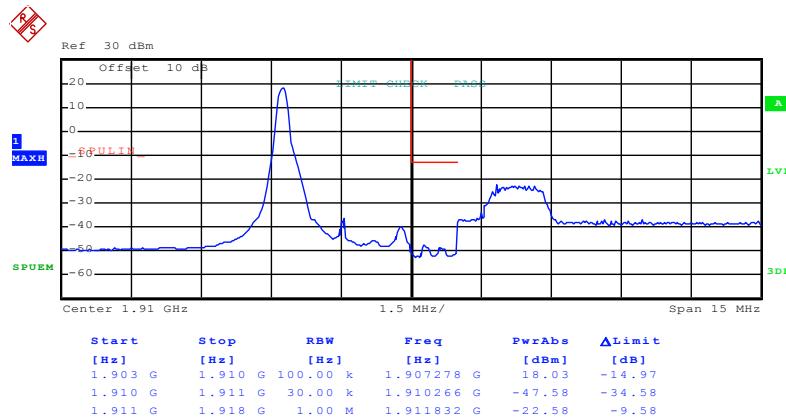
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 15.OCT.2015 10:13:27

Lowest channel

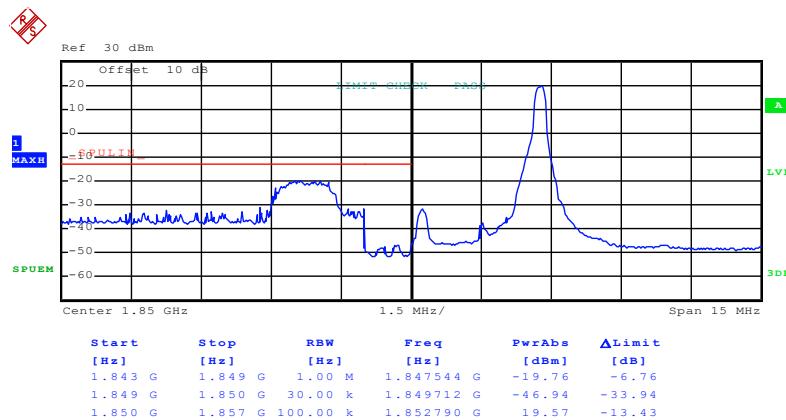


Date: 15.OCT.2015 10:18:28

Highest channel

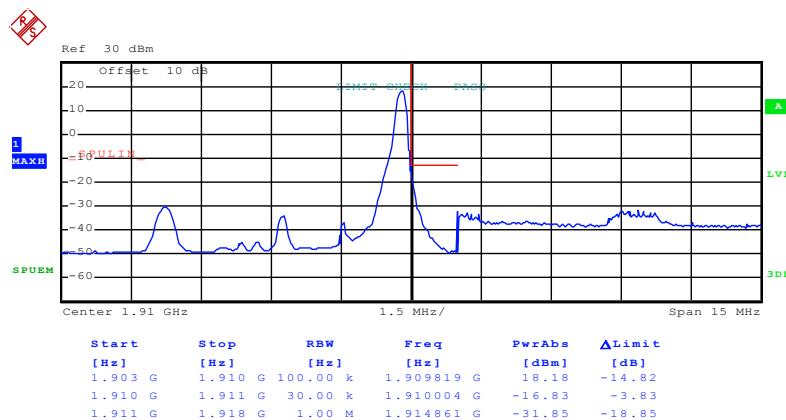
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 14)



Date: 15.OCT.2015 10:13:58

Lowest channel

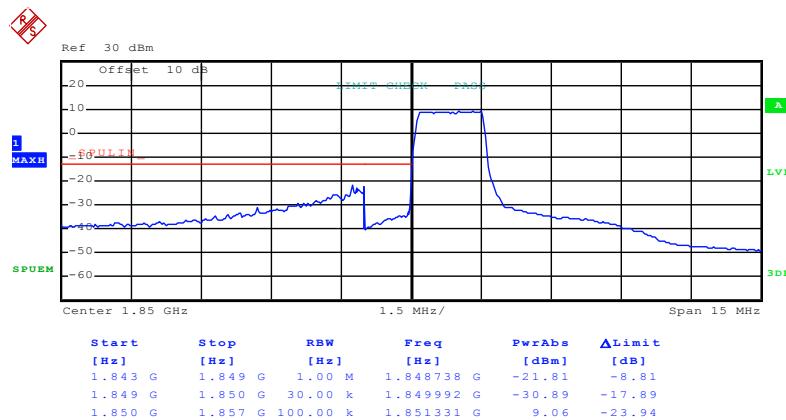


Date: 15.OCT.2015 10:18:43

Highest channel

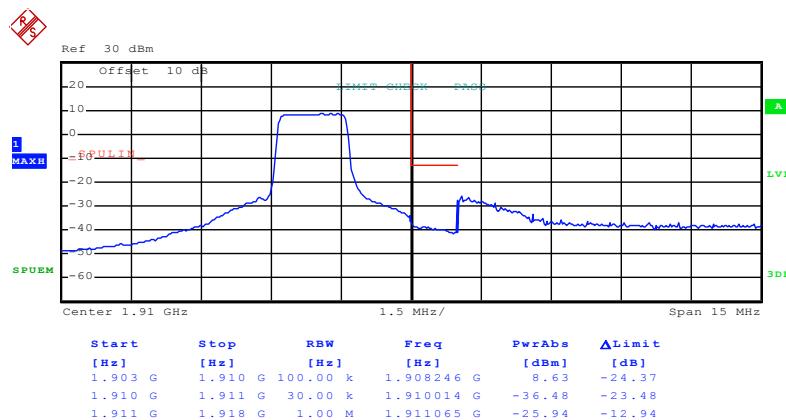
Test Mode:

LTE band 2(16QAM RB Size 8 & RB Offset 0)



Date: 15.OCT.2015 10:15:28

Lowest channel

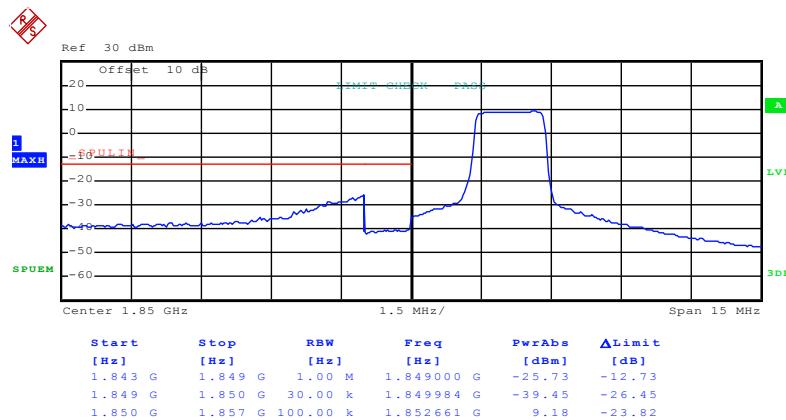


Date: 15.OCT.2015 10:19:42

Highest channel

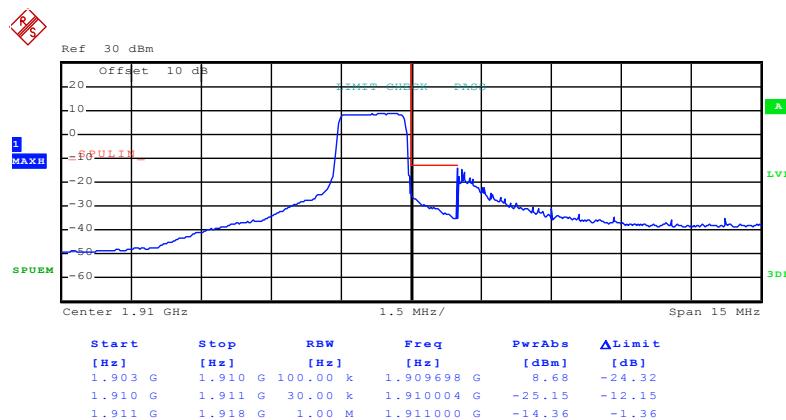
Test Mode:

LTE band 2(16QAM RB Size 8 & RB Offset 7)



Date: 15.OCT.2015 10:15:48

Lowest channel

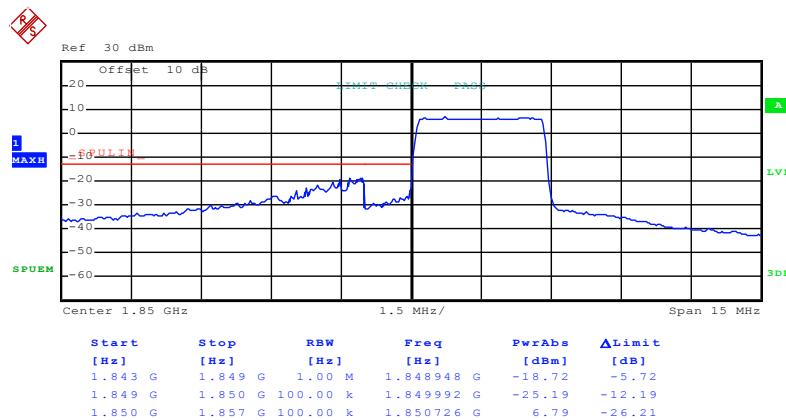


Date: 15.OCT.2015 10:19:57

Highest channel

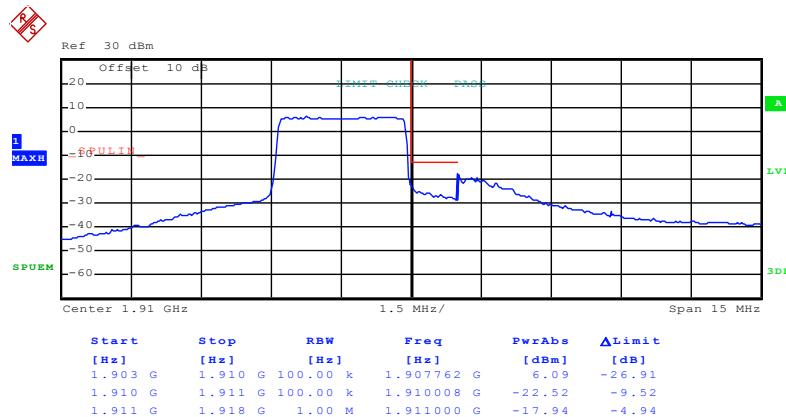
Test Mode:

LTE band 2(16QAM RB Size 15 & RB Offset 0)



Date: 15.OCT.2015 10:16:51

Lowest channel

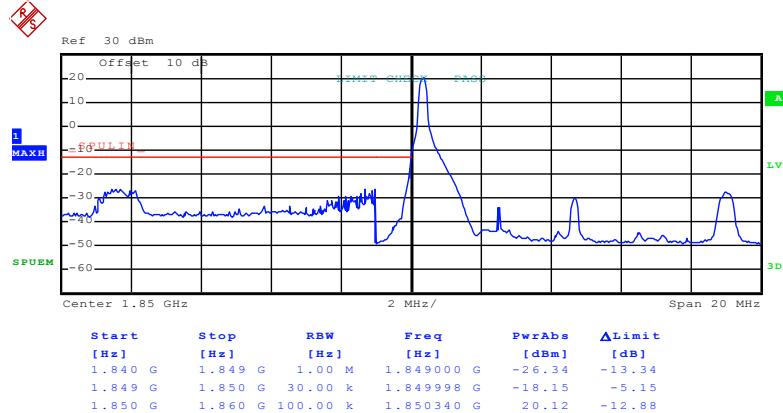


Date: 15.OCT.2015 10:22:19

Highest channel

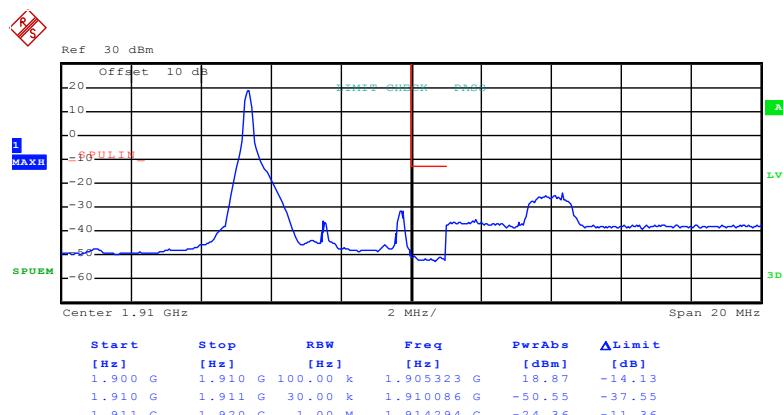
5MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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Date: 15.OCT.2015 10:24:56

Lowest channel

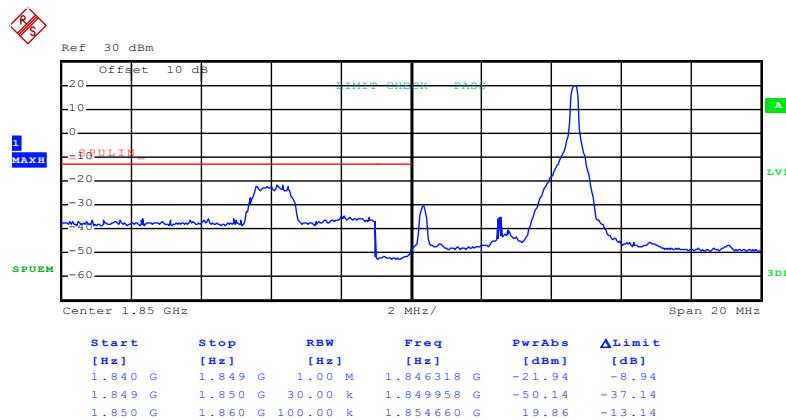


Date: 15.OCT.2015 10:30:44

Highest channel

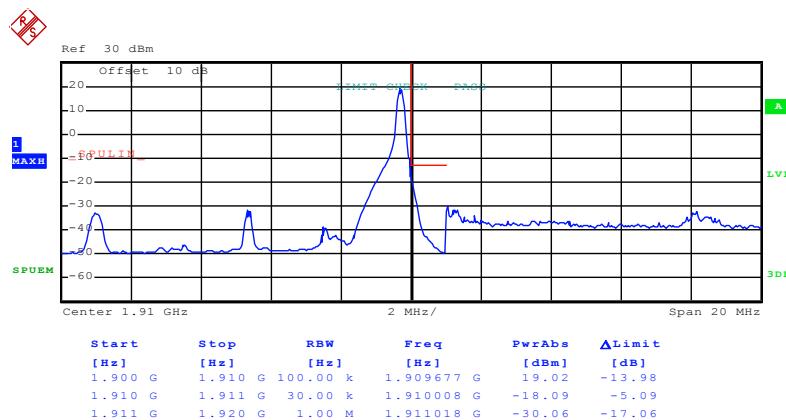
Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 24)



Date: 15.OCT.2015 10:25:46

Lowest channel

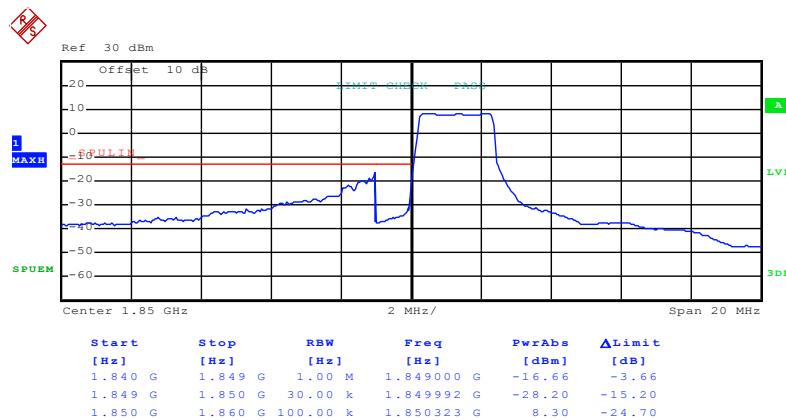


Date: 15.OCT.2015 10:32:04

Highest channel

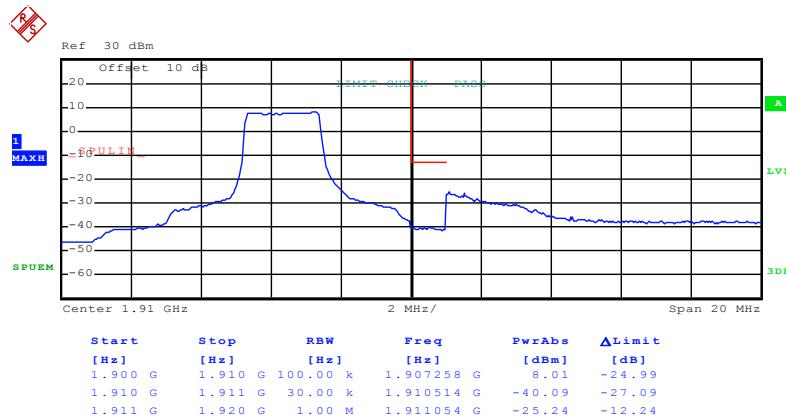
Test Mode:

LTE band 2(QPSK RB Size 12 & RB Offset 0)



Date: 15.OCT.2015 10:26:37

Lowest channel

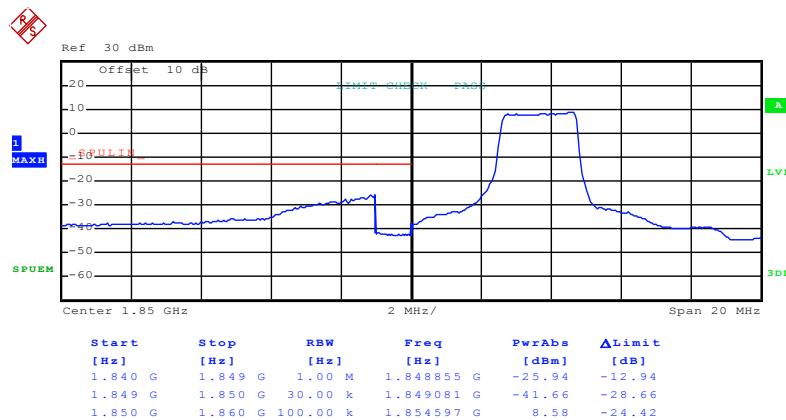


Date: 15.OCT.2015 10:32:41

Highest channel

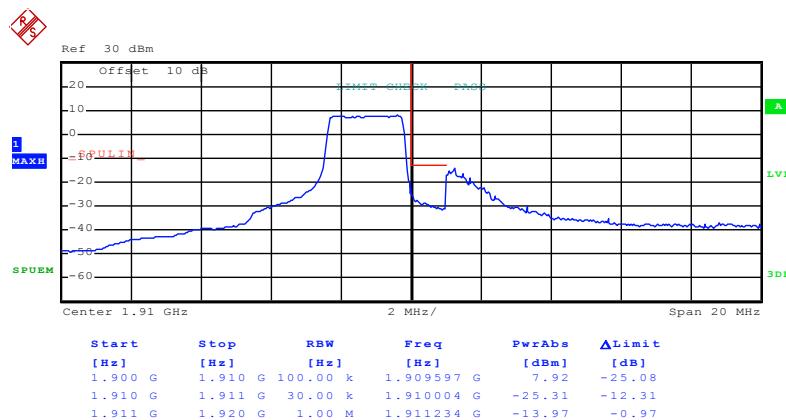
Test Mode:

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



Date: 15.OCT.2015 10:28:18

Lowest channel

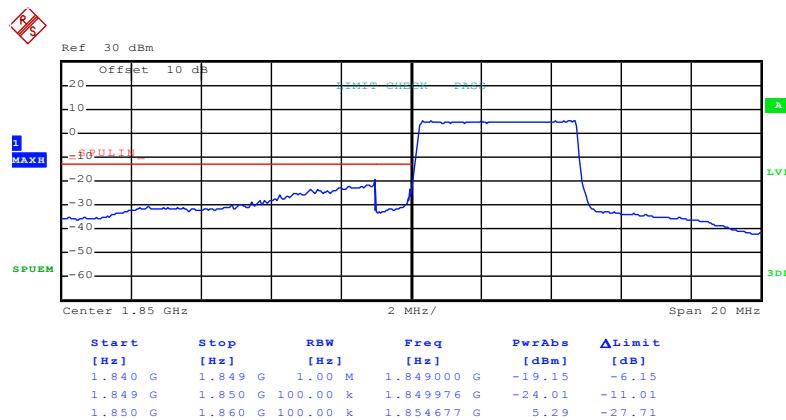


Date: 15.OCT.2015 10:33:36

Highest channel

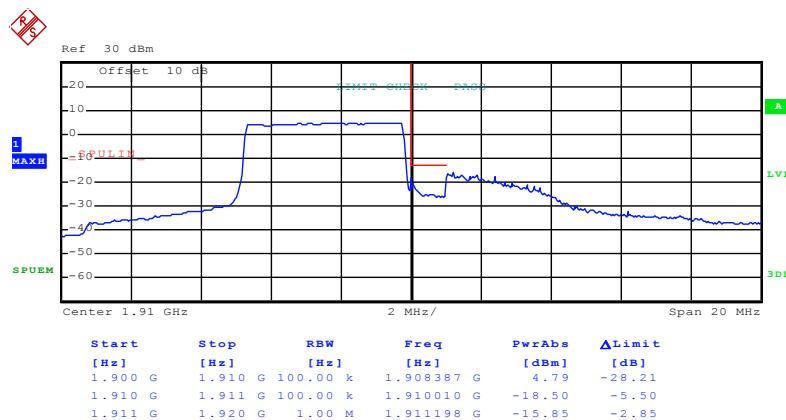
Test Mode:

LTE band 2(QPSK RB Size 25 & RB Offset 0)



Date: 15.OCT.2015 10:29:01

Lowest channel

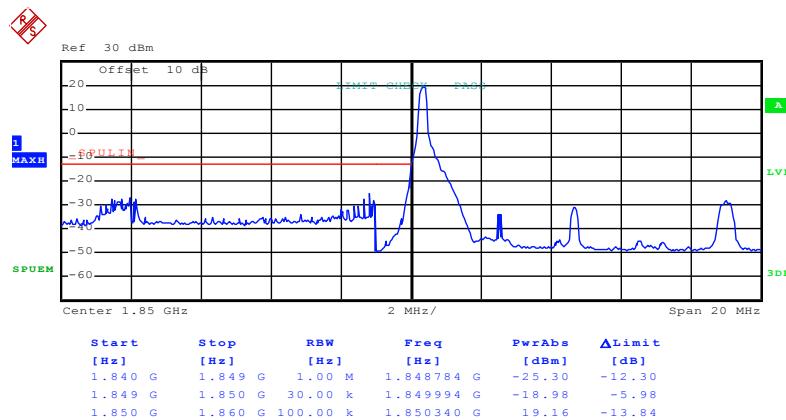


Date: 15.OCT.2015 10:34:17

Highest channel

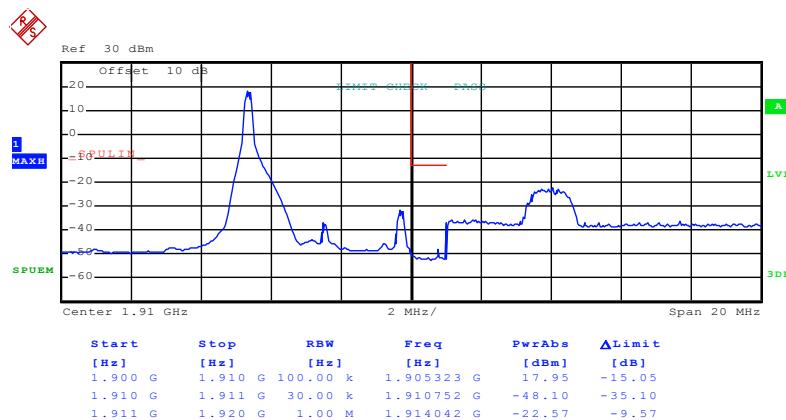
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 15.OCT.2015 10:25:15

Lowest channel

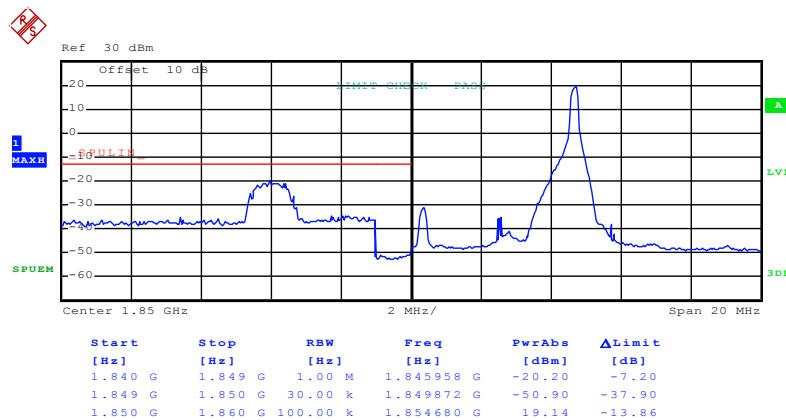


Date: 15.OCT.2015 10:31:13

Highest channel

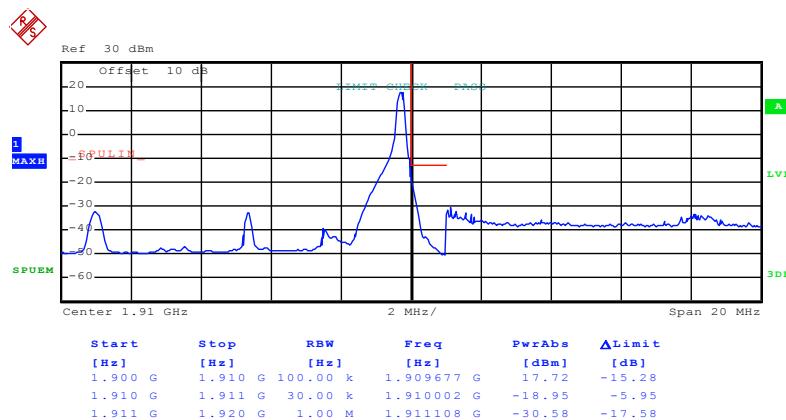
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 24)



Date: 15.OCT.2015 10:25:34

Lowest channel

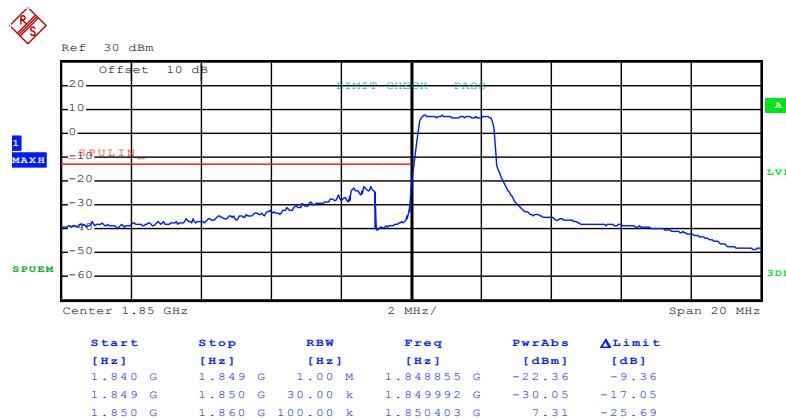


Date: 15.OCT.2015 10:31:50

Highest channel

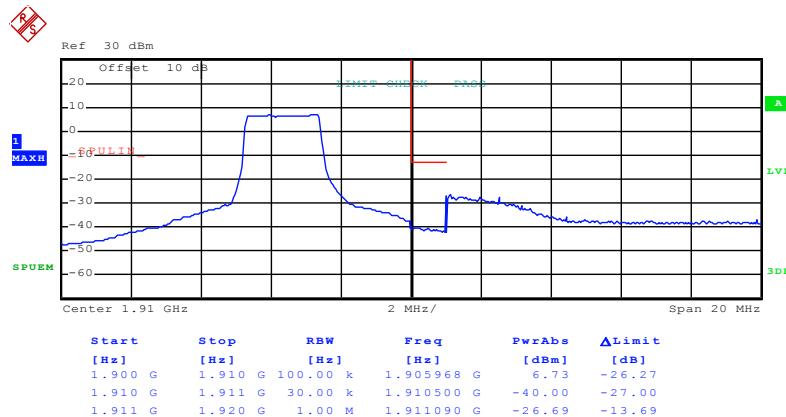
Test Mode:

LTE band 2(16QAM RB Size 12 & RB Offset 0)



Date: 15.OCT.2015 10:26:54

Lowest channel



Date: 15.OCT.2015 10:33:02

Highest channel

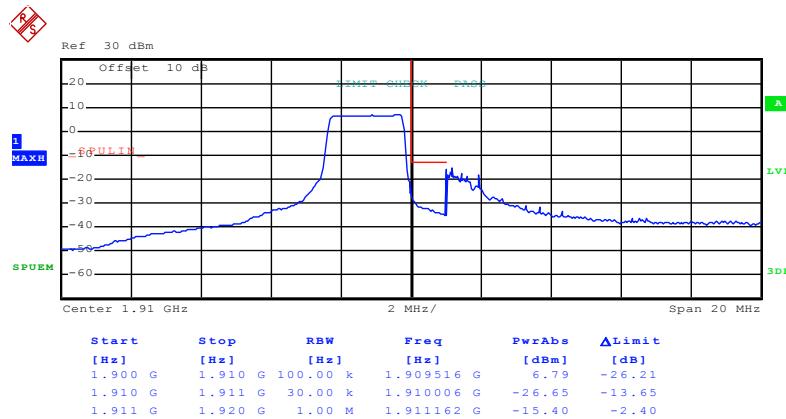
Test Mode:

LTE band 2(16QAM RB Size 12 & RB Offset 11)



Date: 15.OCT.2015 10:27:07

Lowest channel

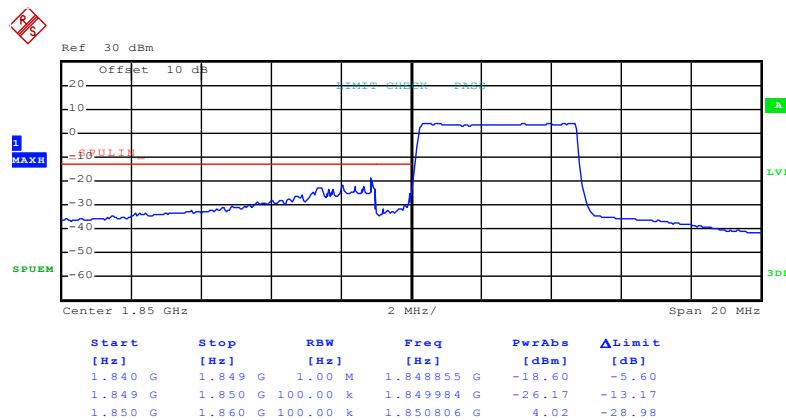


Date: 15.OCT.2015 10:33:17

Highest channel

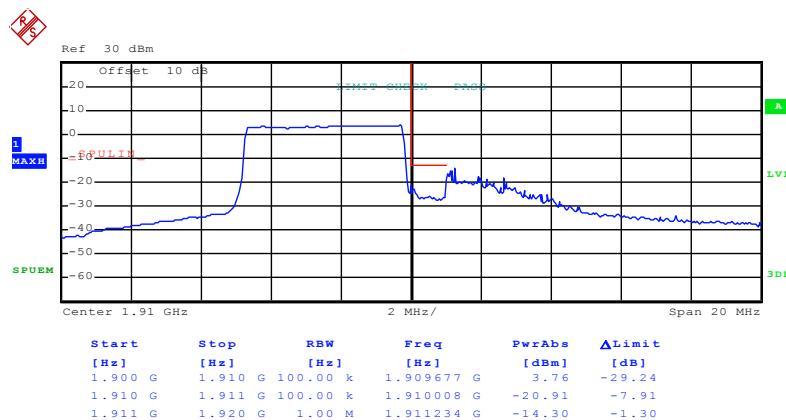
Test Mode:

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



Date: 15.OCT.2015 10:29:15

Lowest channel

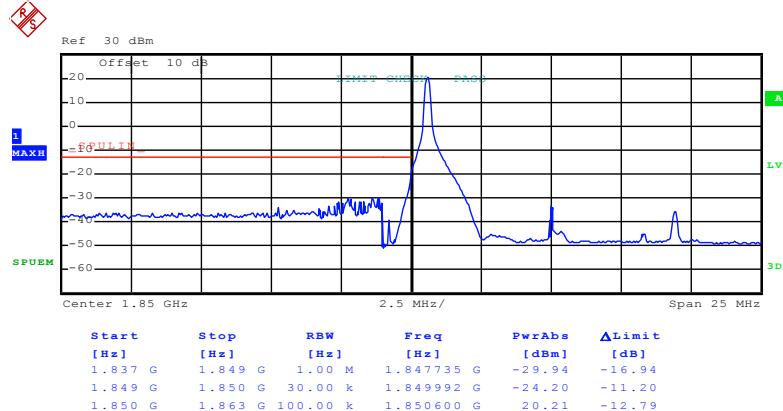


Date: 15.OCT.2015 10:34:32

Highest channel

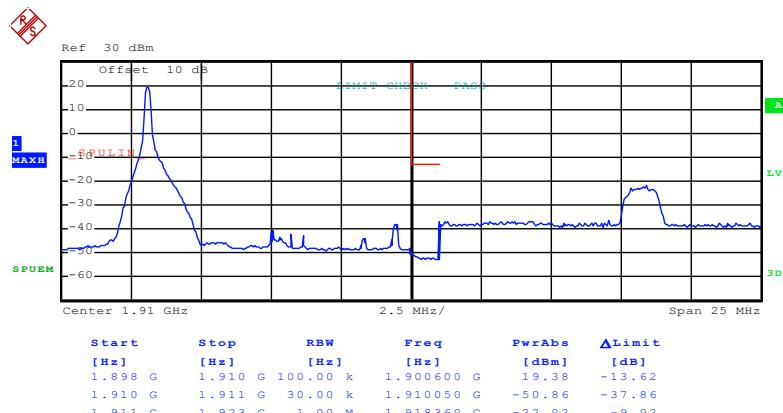
10MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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Date: 15.OCT.2015 10:36:18

Lowest channel

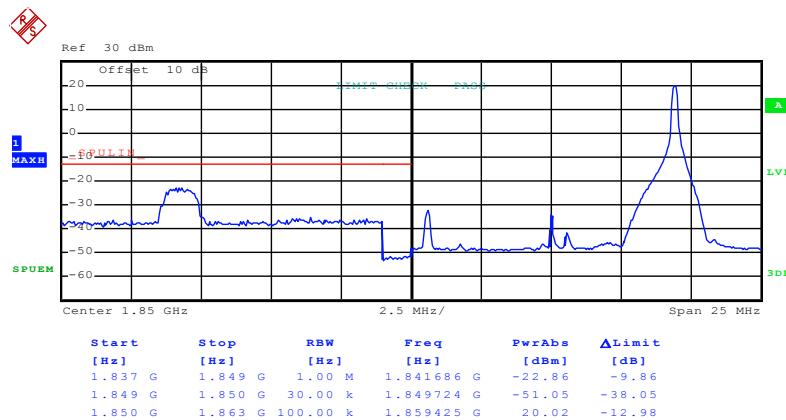


Date: 15.OCT.2015 10:40:17

Highest channel

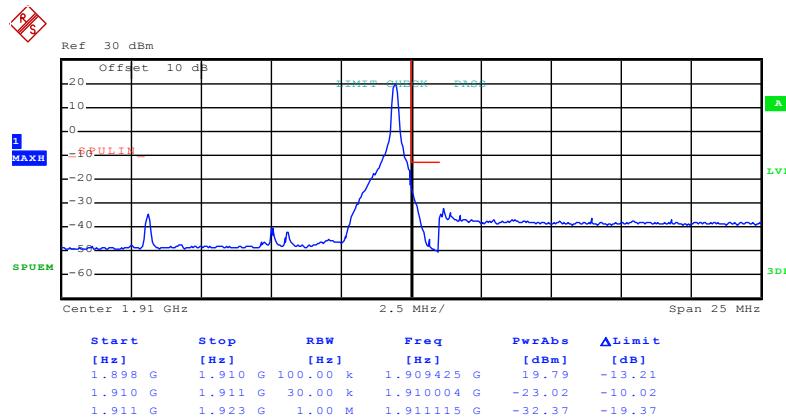
Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 49)



Date: 15.OCT.2015 10:37:04

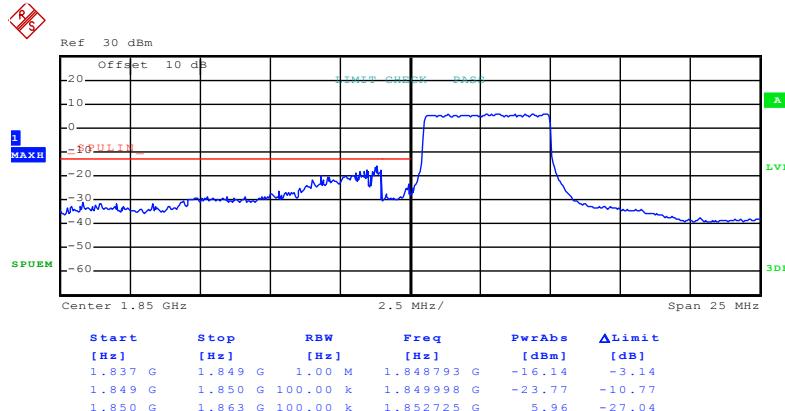
Lowest channel



Date: 15.OCT.2015 10:42:02

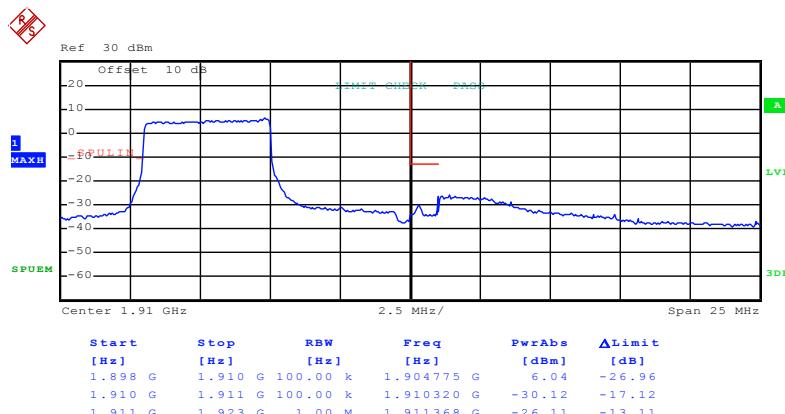
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 25 & RB Offset 0)
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Date: 15.OCT.2015 10:37:40

Lowest channel

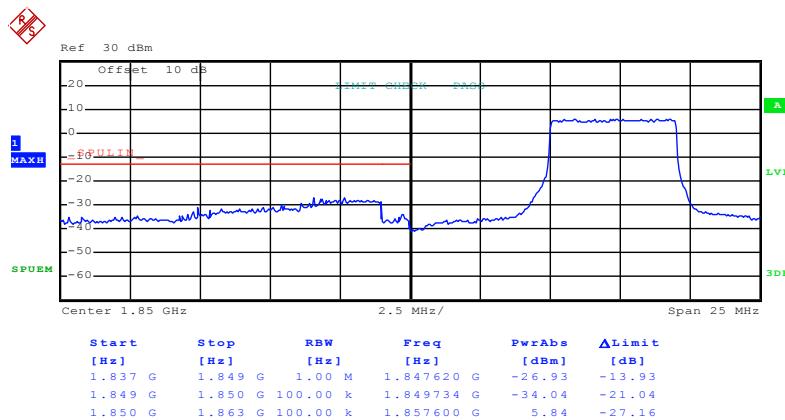


Date: 15.OCT.2015 10:42:33

Highest channel

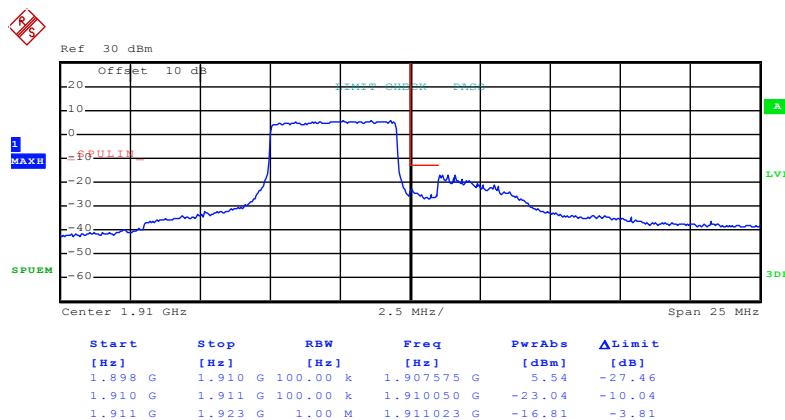
Test Mode:

LTE band 4(QPSK RB Size 25 & RB Offset 24)



Date: 15.OCT.2015 10:38:28

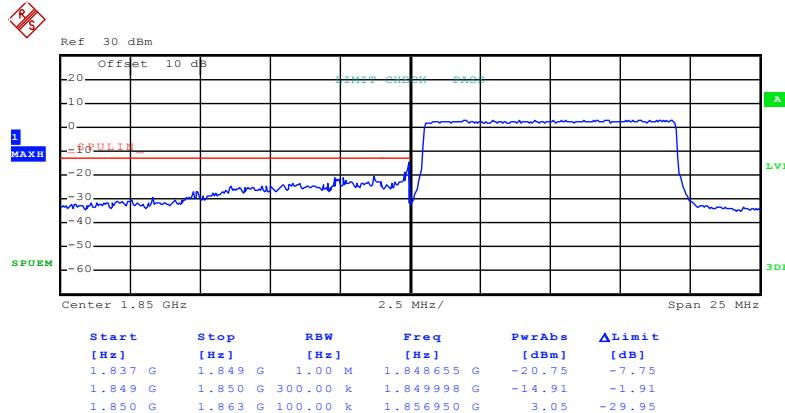
Lowest channel



Date: 15.OCT.2015 10:43:22

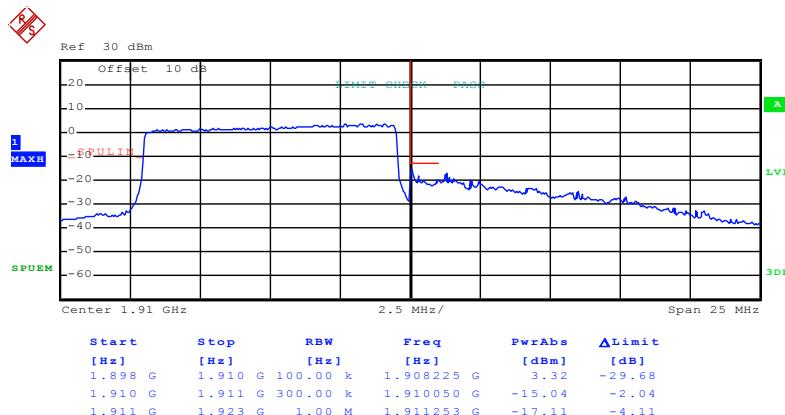
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 50 & RB Offset 0)
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Date: 15.OCT.2015 10:39:02

Lowest channel

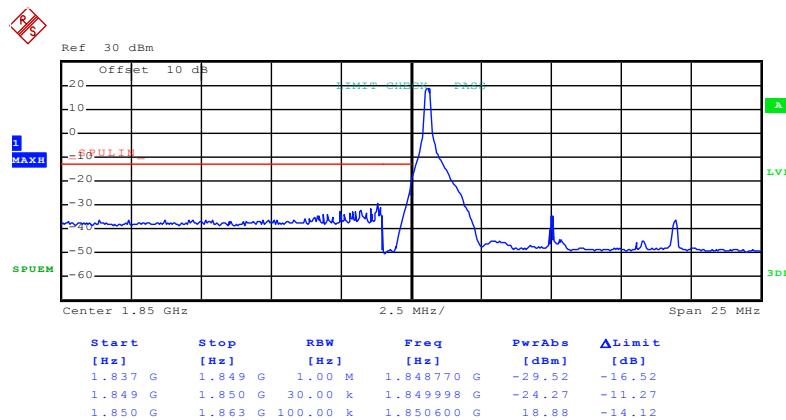


Date: 15.OCT.2015 10:45:18

Highest channel

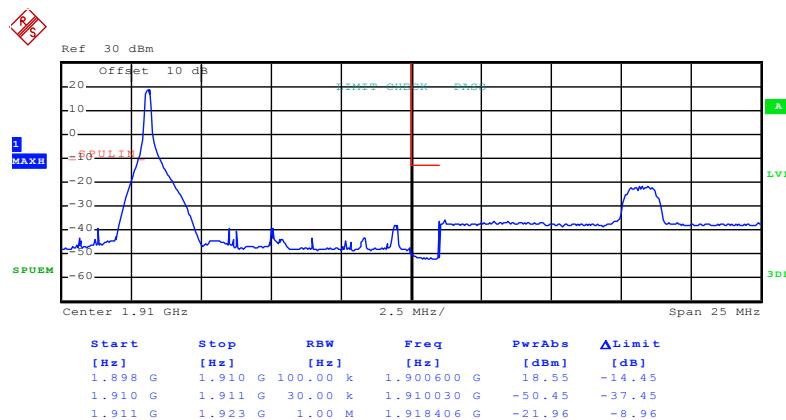
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 15.OCT.2015 10:36:35

Lowest channel

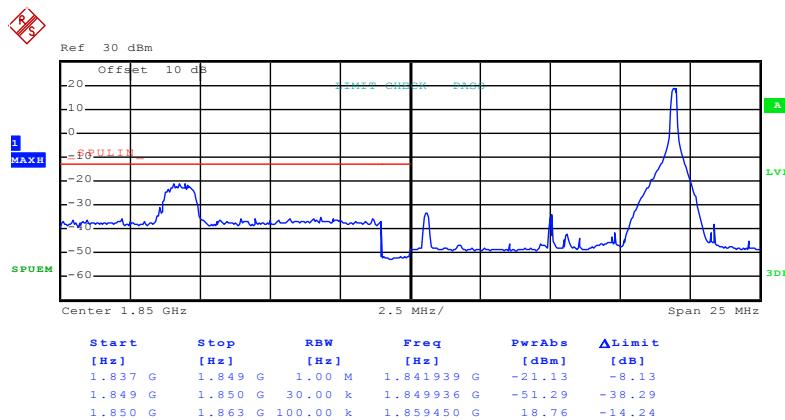


Date: 15.OCT.2015 10:41:29

Highest channel

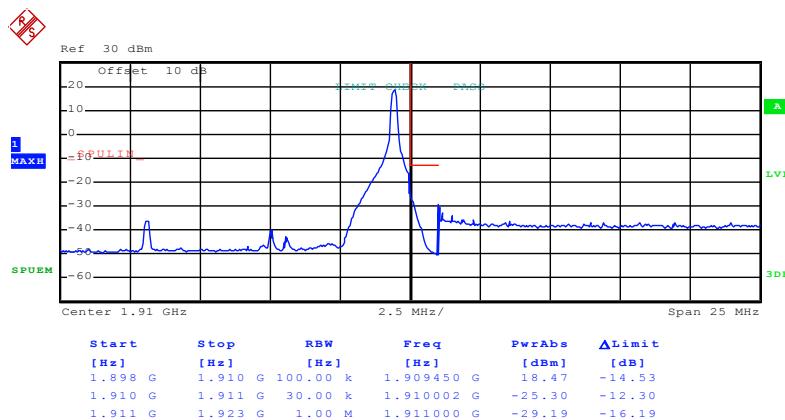
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 49)



Date: 15.OCT.2015 10:36:50

Lowest channel

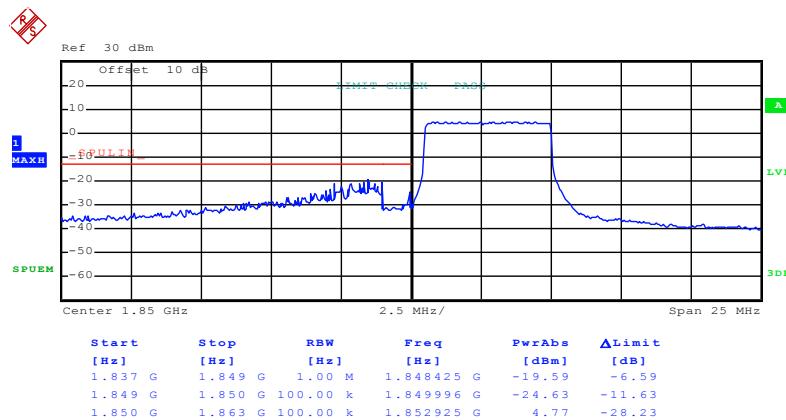


Date: 15.OCT.2015 10:41:48

Highest channel

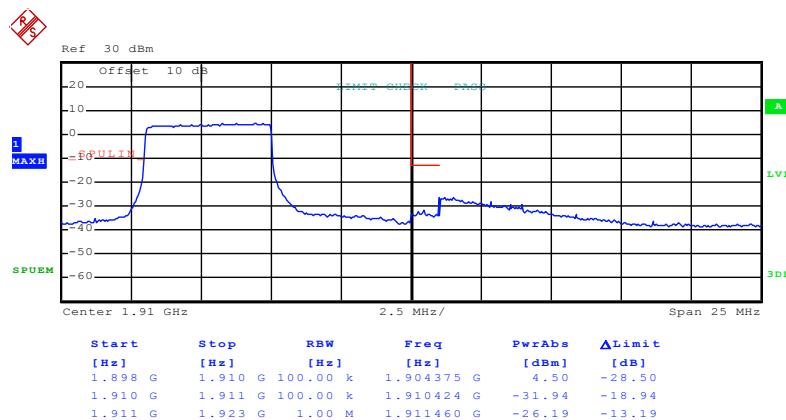
Test Mode:

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



Date: 15.OCT.2015 10:37:56

Lowest channel

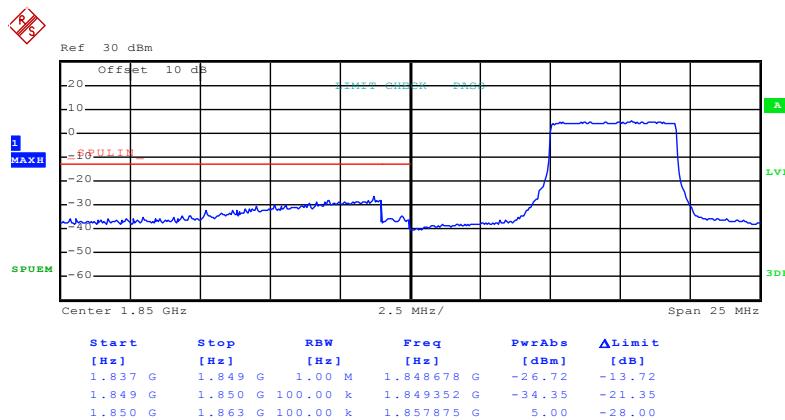


Date: 15.OCT.2015 10:42:51

Highest channel

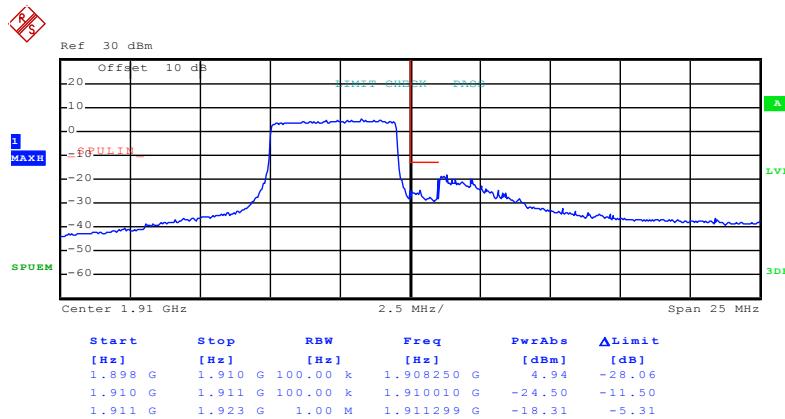
Test Mode:

LTE band 2(16QAM RB Size 25 & RB Offset 24)



Date: 15.OCT.2015 10:38:11

Lowest channel

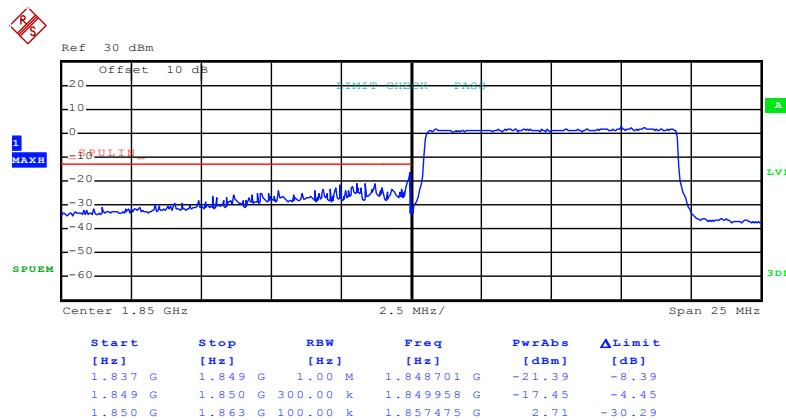


Date: 15.OCT.2015 10:43:06

Highest channel

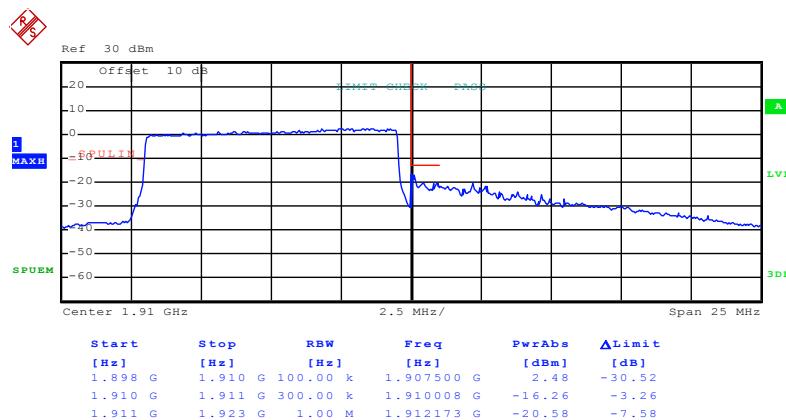
Test Mode:

LTE band 2(16QAM RB Size 50 & RB Offset 0)



Date: 15.OCT.2015 10:39:16

Lowest channel



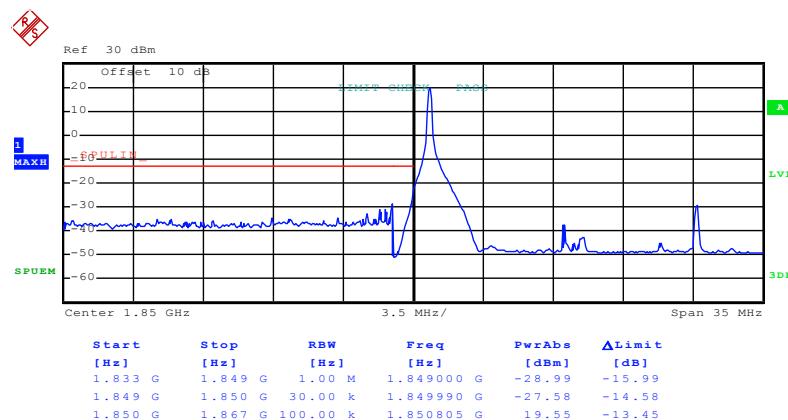
Date: 15.OCT.2015 10:45:31

Highest channel

15MHz:

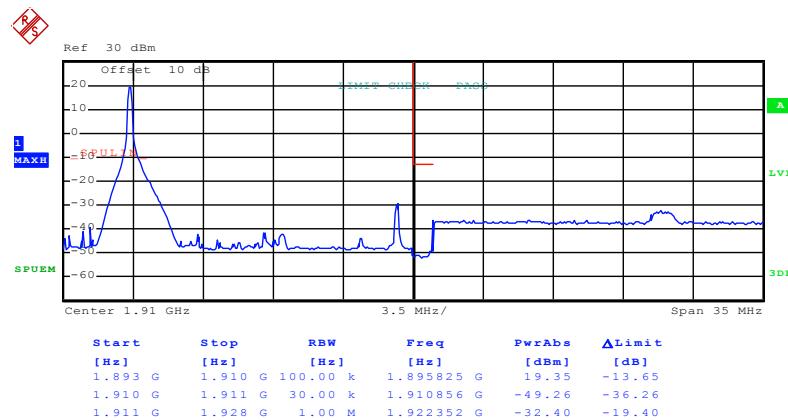
Test Mode:

LTE band 2(QPSKRB Size 1 & RB Offset 0)



Date: 15.OCT.2015 10:48:24

Lowest channel

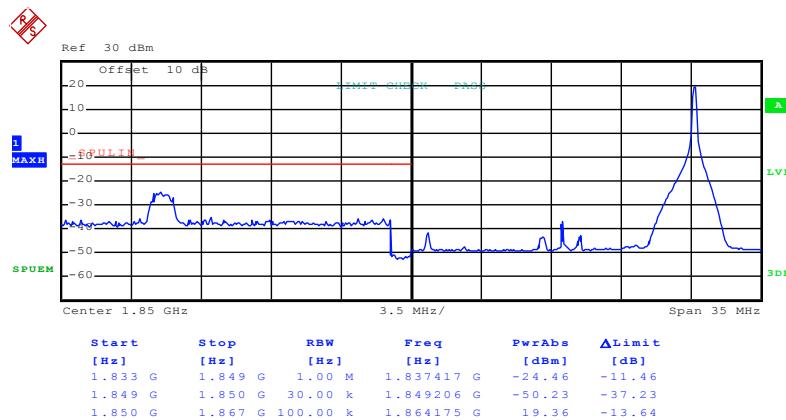


Date: 15.OCT.2015 10:59:11

Highest channel

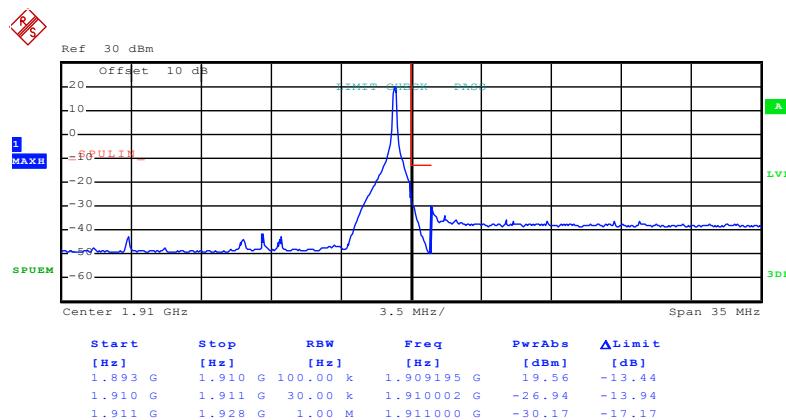
Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 74)



Date: 15.OCT.2015 10:49:58

Lowest channel

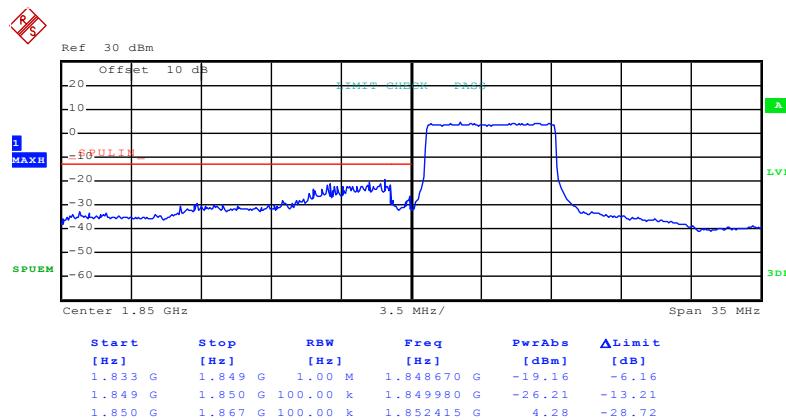


Date: 15.OCT.2015 11:04:53

Highest channel

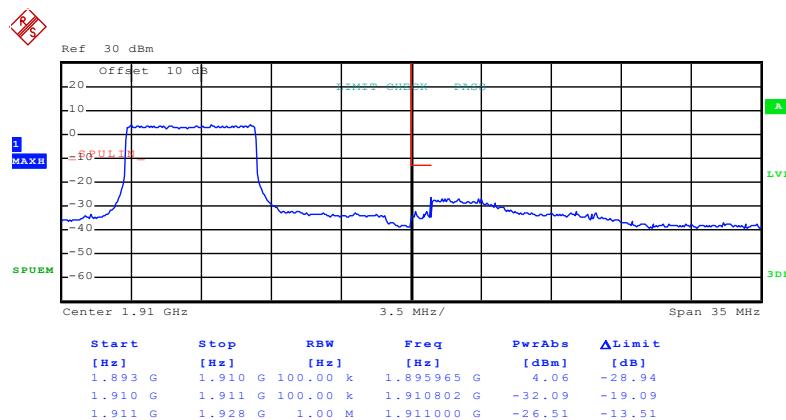
Test Mode:

LTE band 2(QPSK RB Size 36 & RB Offset 0)



Date: 15.OCT.2015 10:51:05

Lowest channel

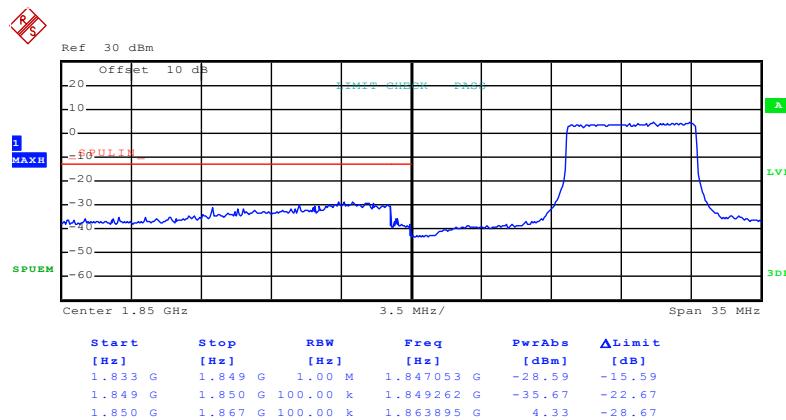


Date: 15.OCT.2015 11:05:32

Highest channel

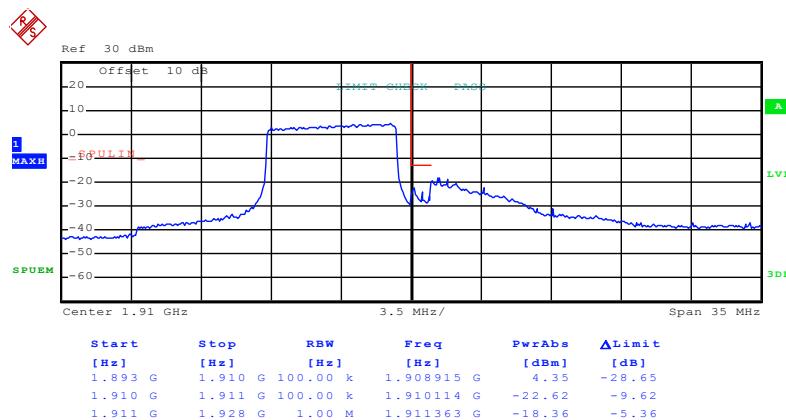
Test Mode:

LTE band 2(QPSK RB Size 36 & RB Offset 35)



Date: 15.OCT.2015 10:52:15

Lowest channel

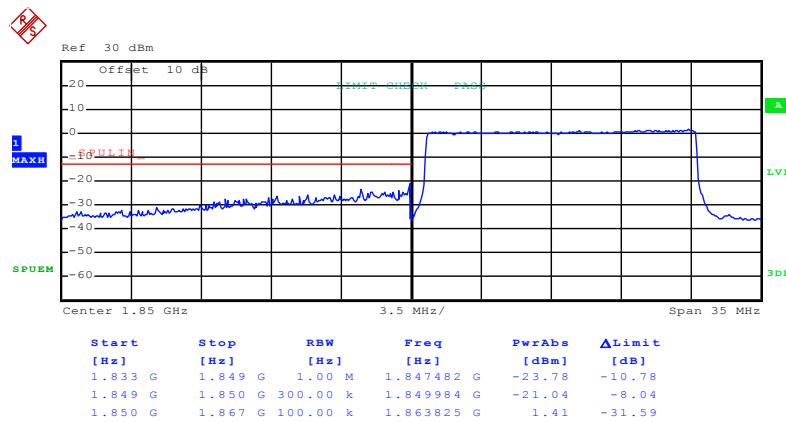


Date: 15.OCT.2015 11:06:32

Highest channel

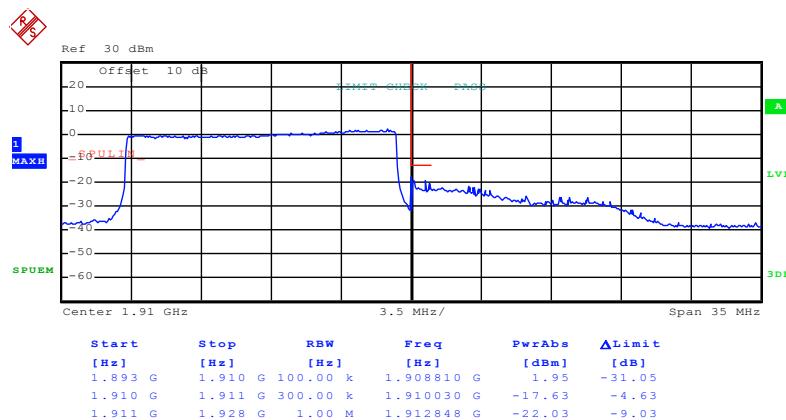
Test Mode:

LTE band 2(QPSK RB Size 75 & RB Offset 0)



Date: 15.OCT.2015 10:52:41

Lowest channel

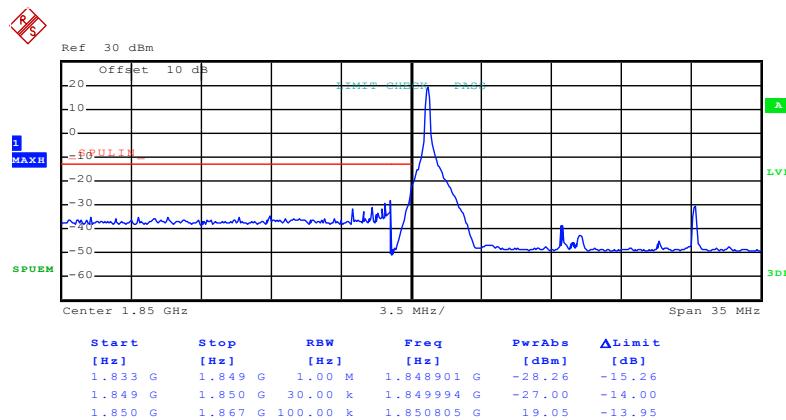


Date: 15.OCT.2015 11:07:00

Highest channel

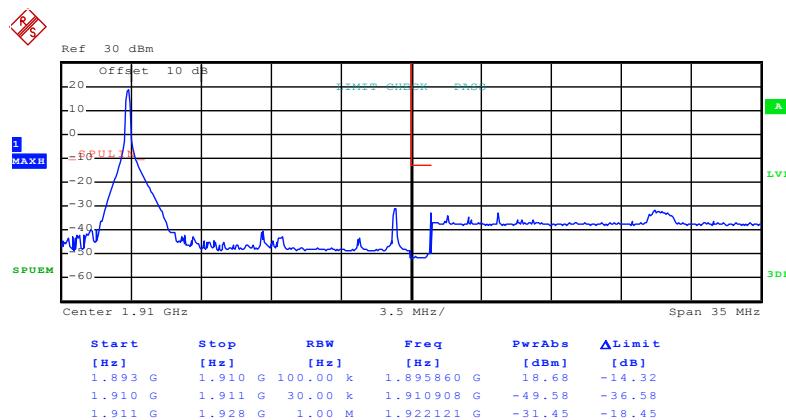
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 0)



Date: 15.OCT.2015 10:49:08

Lowest channel

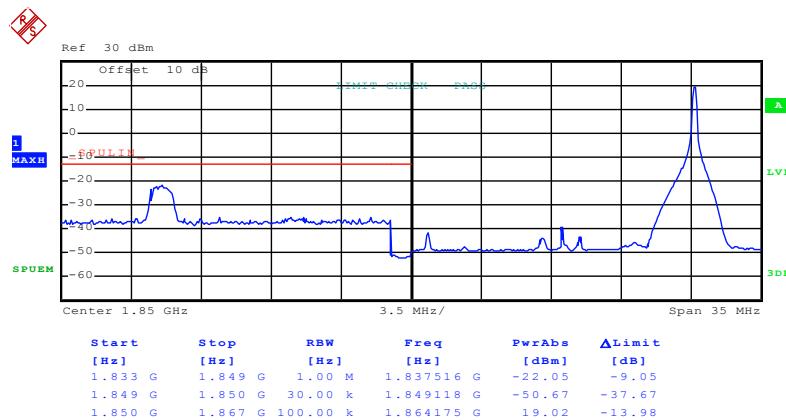


Date: 15.OCT.2015 11:02:14

Highest channel

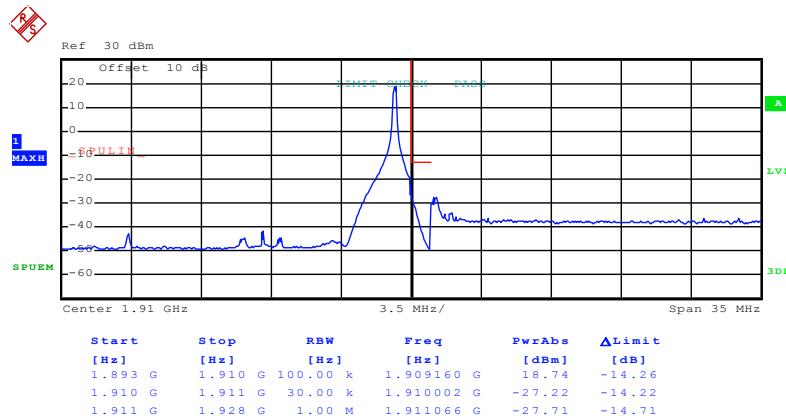
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 74)



Date: 15.OCT.2015 10:49:43

Lowest channel

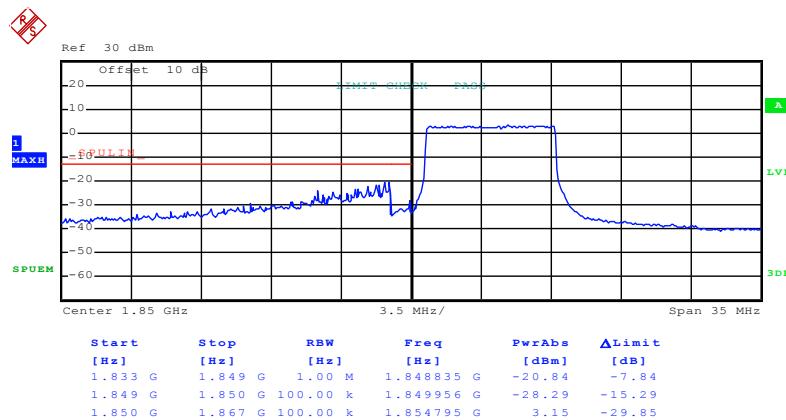


Date: 15.OCT.2015 11:03:13

Highest channel

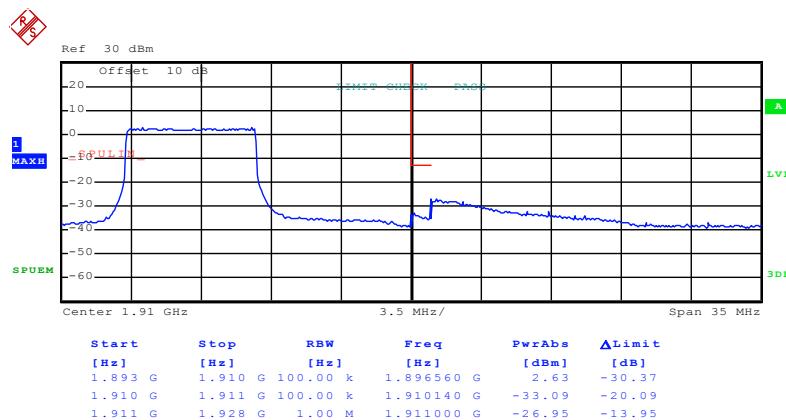
Test Mode:

LTE band 2(16QAM RB Size 36 & RB Offset 0)



Date: 15.OCT.2015 10:51:24

Lowest channel

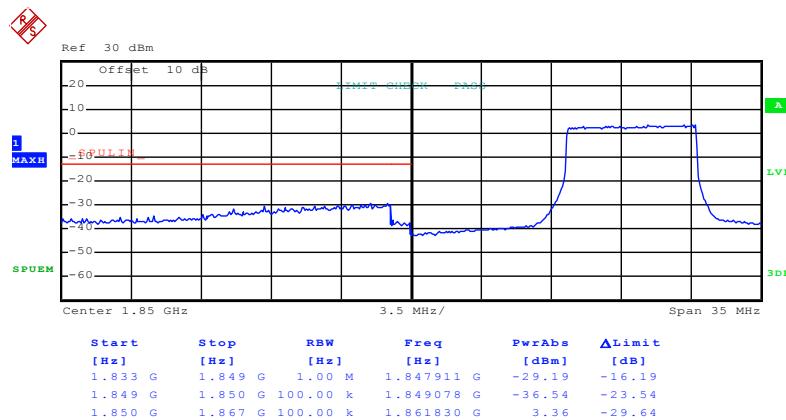


Date: 15.OCT.2015 11:05:52

Highest channel

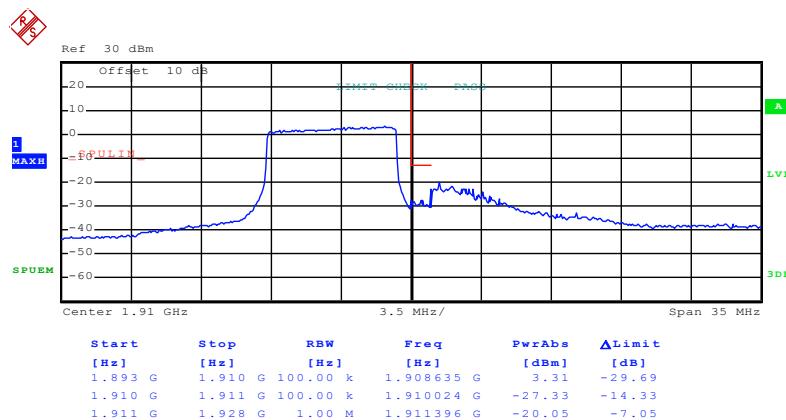
Test Mode:

LTE band 2(16QAM RB Size 36 & RB Offset 35)



Date: 15.OCT.2015 10:51:55

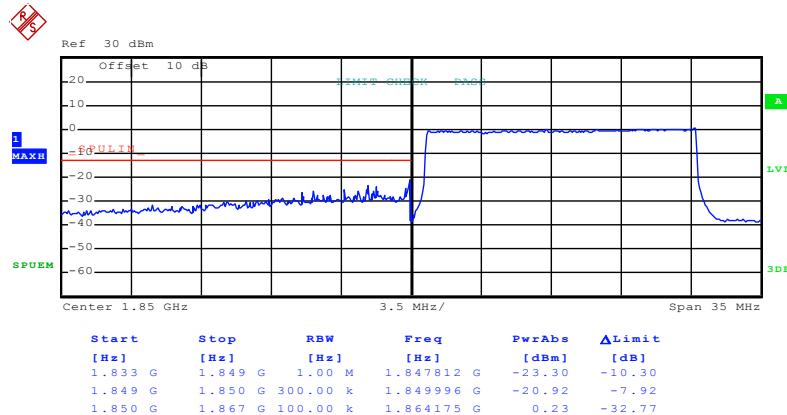
Lowest channel



Date: 15.OCT.2015 11:06:10

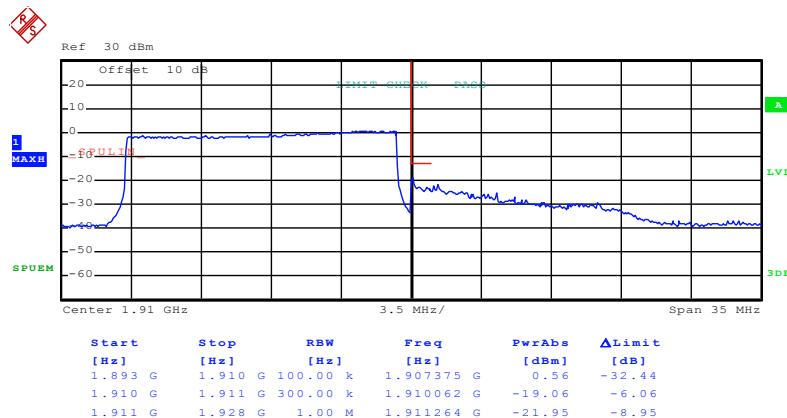
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 75 & RB Offset 0)
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Date: 15.OCT.2015 10:52:56

Lowest channel

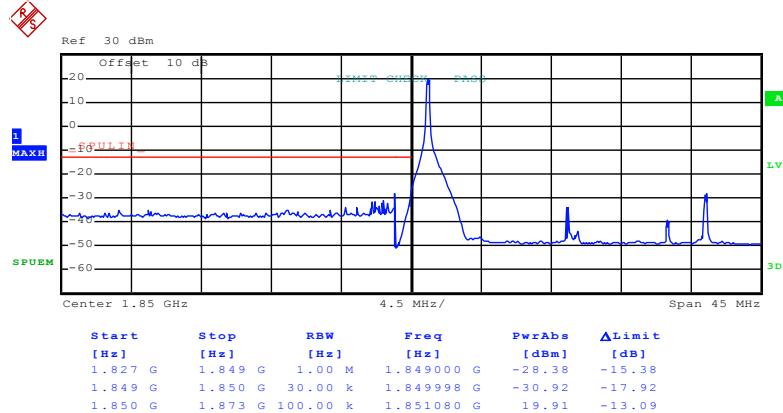


Date: 15.OCT.2015 11:07:16

Highest channel

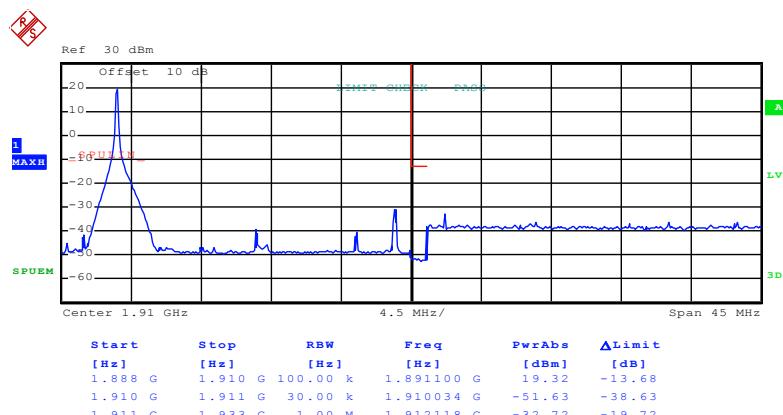
20MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 & RB Offset 0)
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Date: 15.OCT.2015 11:09:14

Lowest channel

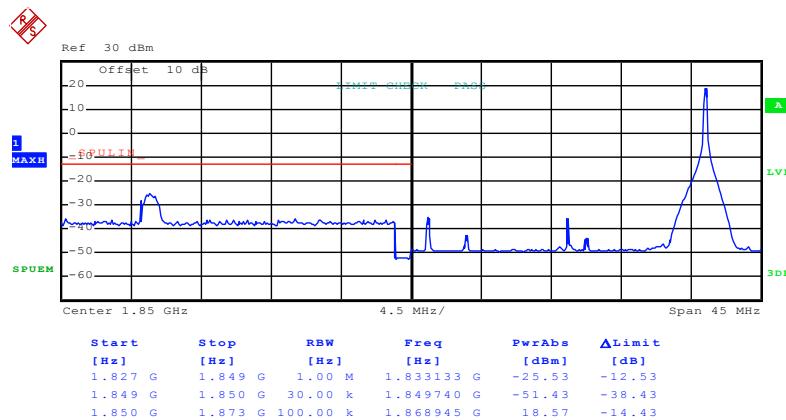


Date: 15.OCT.2015 11:15:35

Highest channel

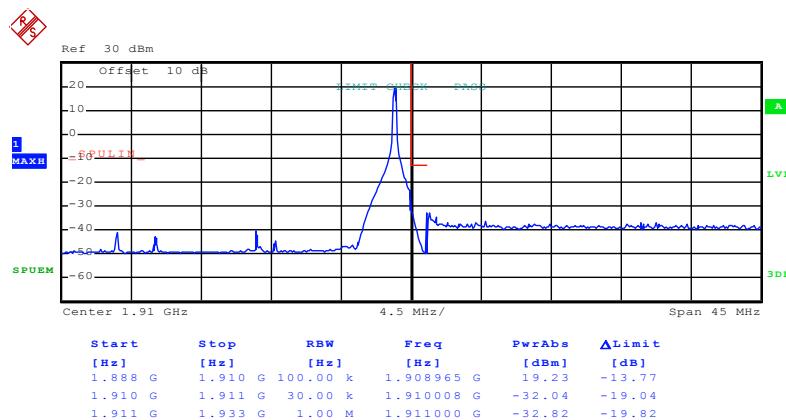
Test Mode:

LTE band 2(QPSK RB Size 1 & RB Offset 99)



Date: 15.OCT.2015 11:10:59

Lowest channel

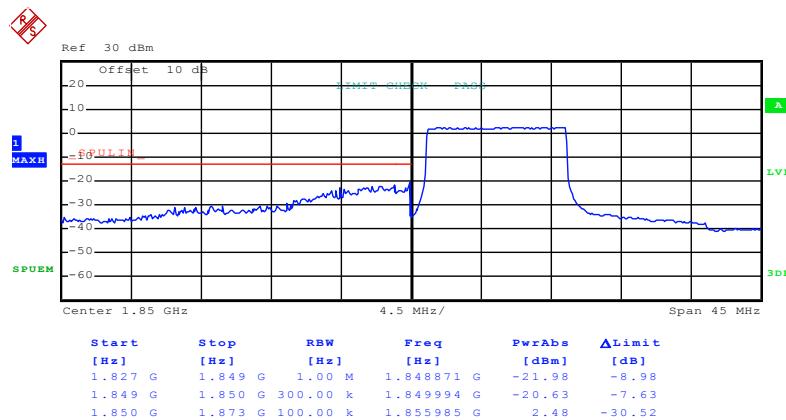


Date: 15.OCT.2015 11:16:26

Highest channel

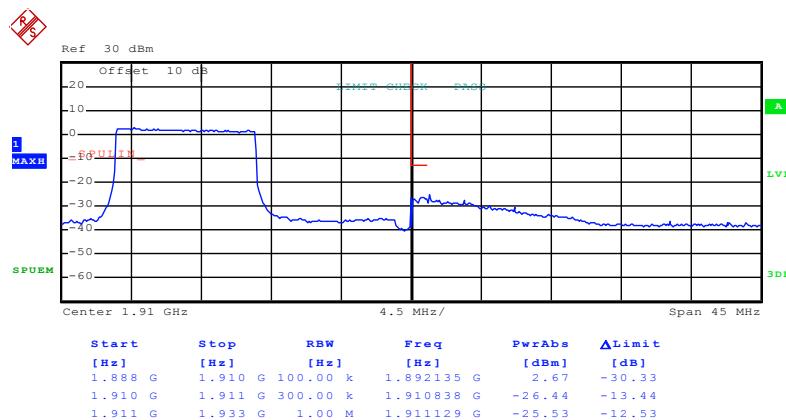
Test Mode:

LTE band 2(QPSK RB Size 50 & RB Offset 0)



Date: 15.OCT.2015 11:12:34

Lowest channel

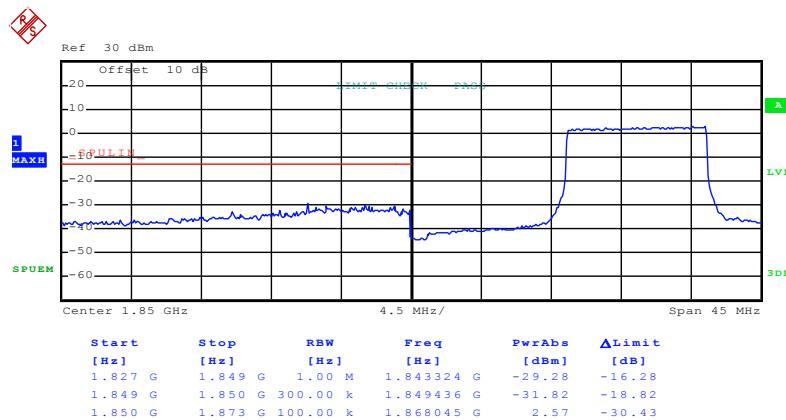


Date: 15.OCT.2015 11:17:33

Highest channel

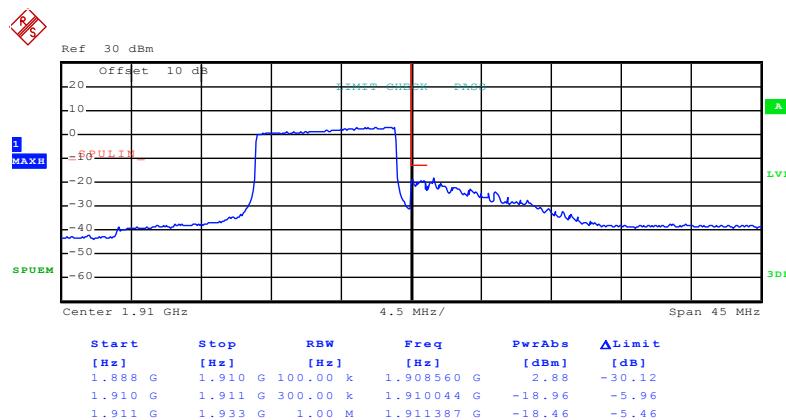
Test Mode:

LTE band 2(QPSK RB Size 50 & RB Offset 49)



Date: 15.OCT.2015 11:13:59

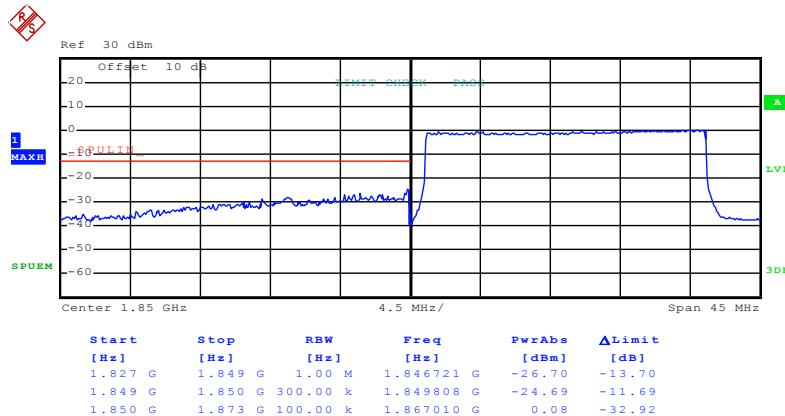
Lowest channel



Date: 15.OCT.2015 11:18:26

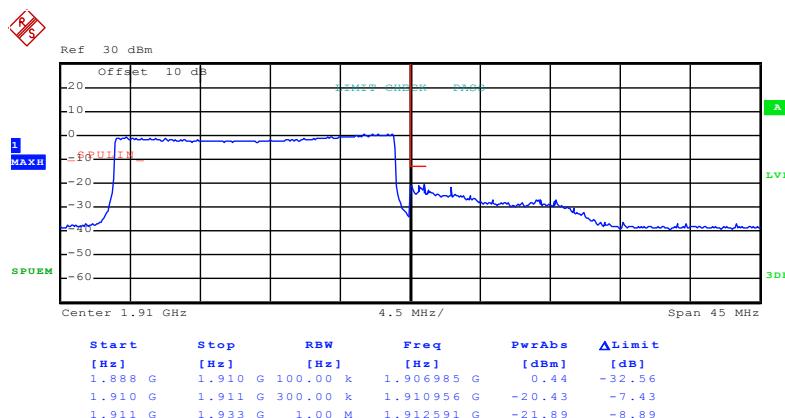
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 100 & RB Offset 0)
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Date: 15.OCT.2015 11:14:21

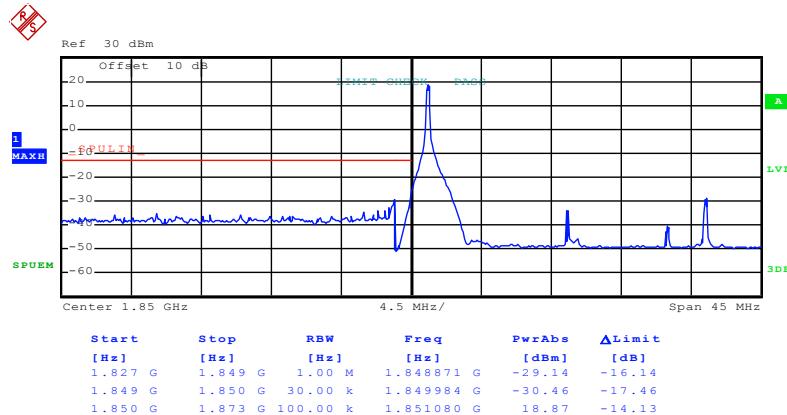
Lowest channel



Date: 15.OCT.2015 11:18:46

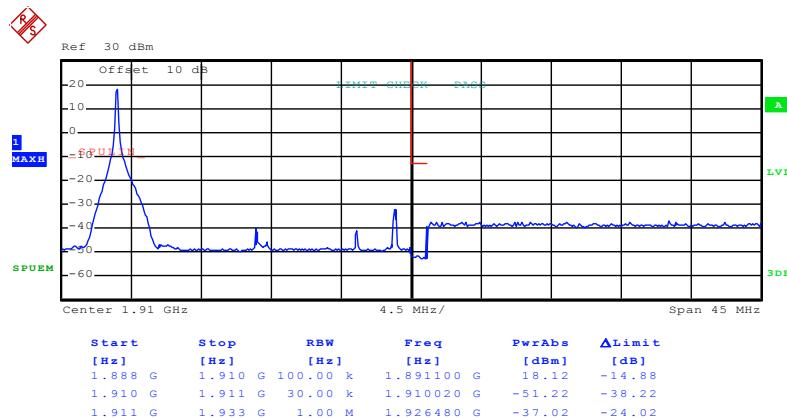
Highest channel

Test Mode:	LTE band 2(16QAM RB Size 1 & RB Offset 0)
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Date: 15.OCT.2015 11:10:39

Lowest channel

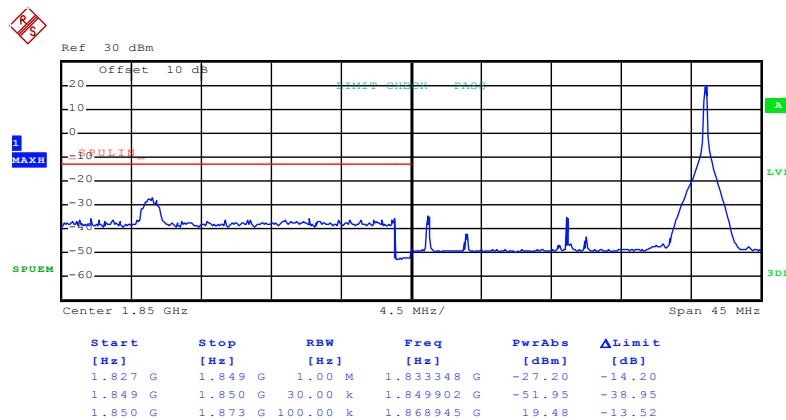


Date: 15.OCT.2015 11:15:53

Highest channel

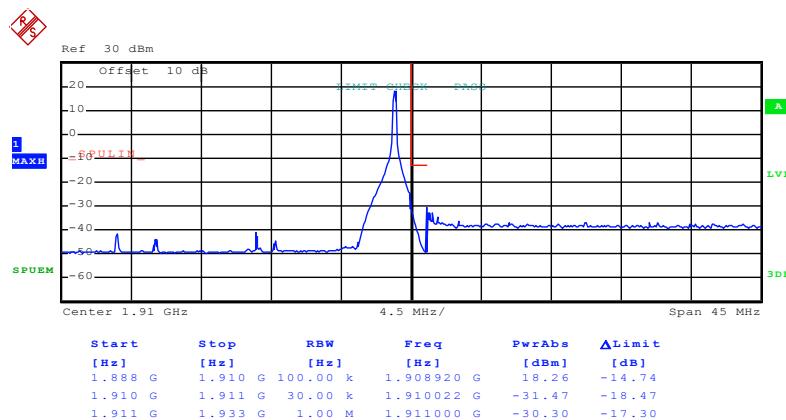
Test Mode:

LTE band 2(16QAM RB Size 1 & RB Offset 99)



Date: 15.OCT.2015 11:11:35

Lowest channel

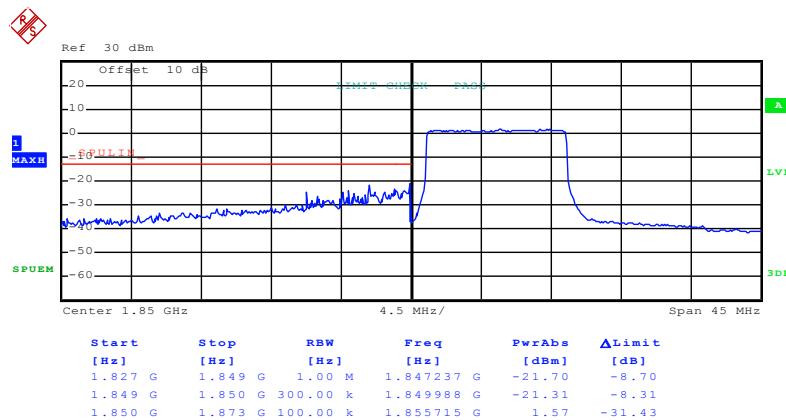


Date: 15.OCT.2015 11:16:13

Highest channel

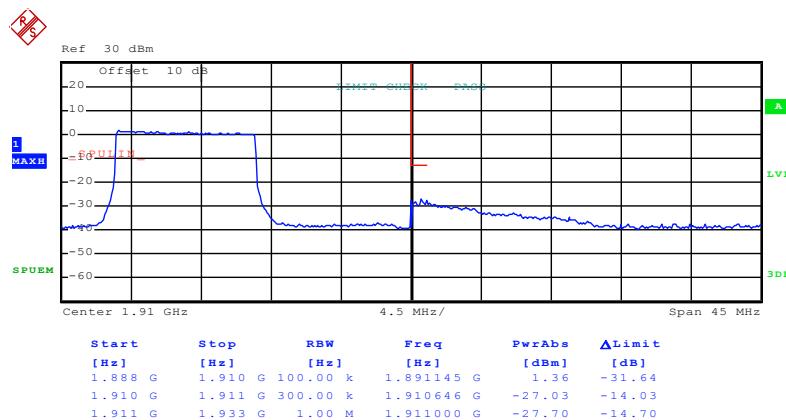
Test Mode:

LTE band 2(16QAM RB Size 50 & RB Offset 0)



Date: 15.OCT.2015 11:12:56

Lowest channel



Date: 15.OCT.2015 11:17:48

Highest channel

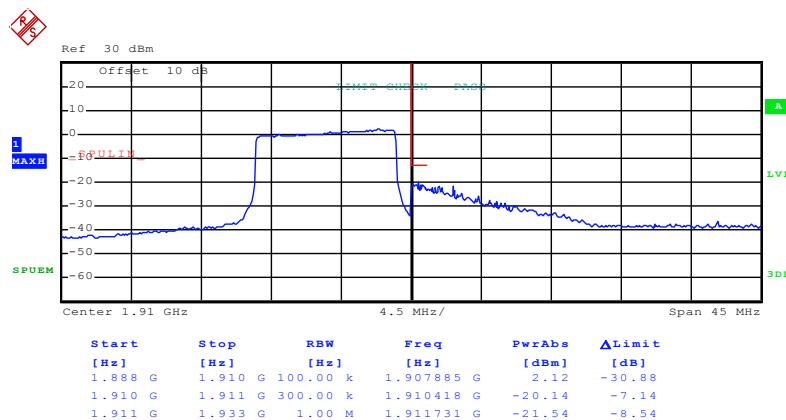
Test Mode:

LTE band 2(16QAM RB Size 50 & RB Offset 49)



Date: 15.OCT.2015 11:13:42

Lowest channel

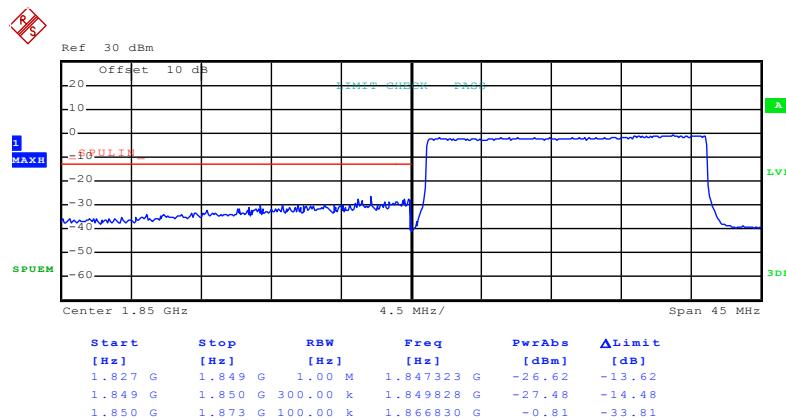


Date: 15.OCT.2015 11:18:05

Highest channel

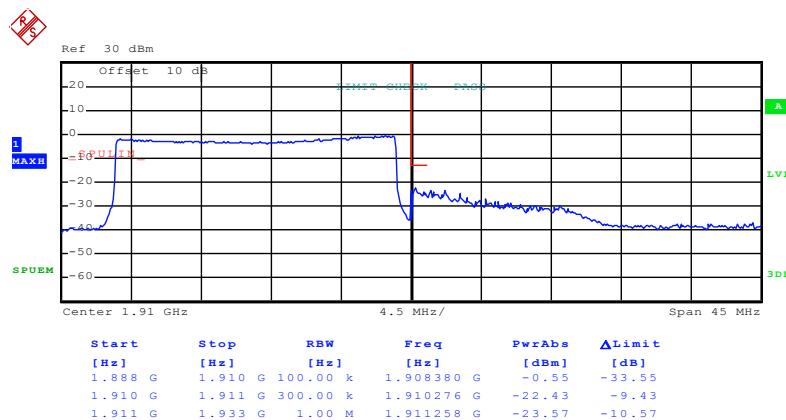
Test Mode:

LTE band 2(16QAM RB Size 100 & RB Offset 0)



Date: 15.OCT.2015 11:14:36

Lowest channel



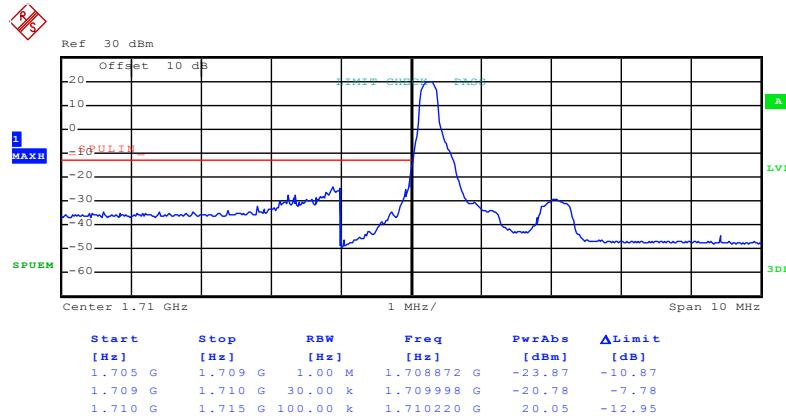
Date: 15.OCT.2015 11:18:59

Highest channel

LTE band 4 part:

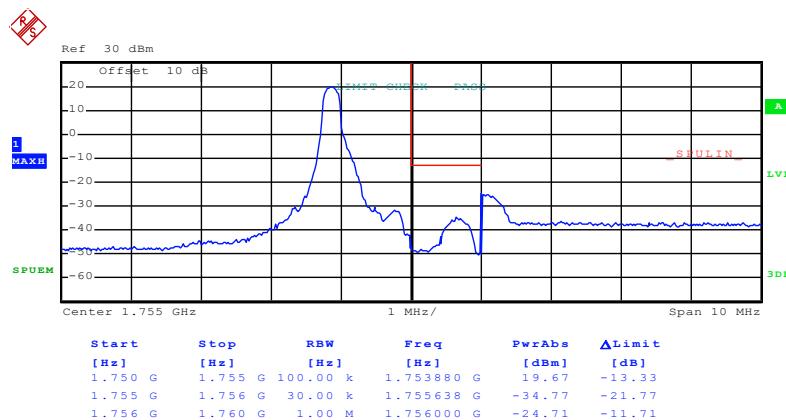
1.4MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 14:33:19

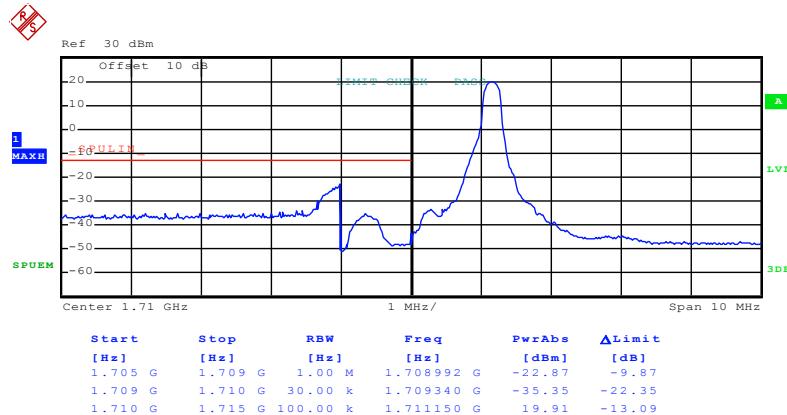
Lowest channel



Date: 13.OCT.2015 14:46:53

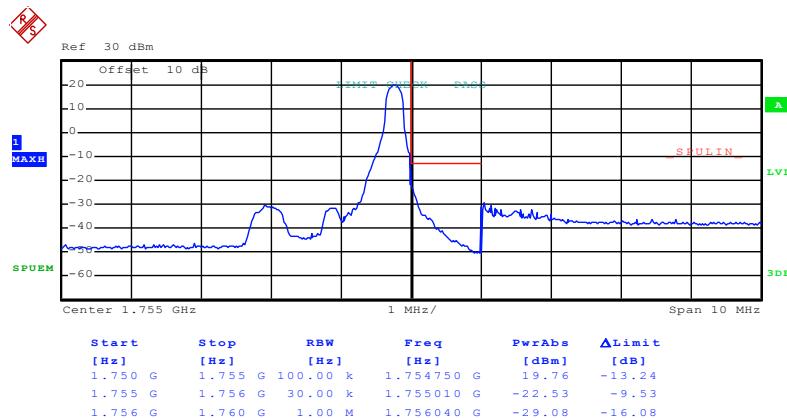
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 5)
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Date: 13.OCT.2015 14:41:57

Lowest channel

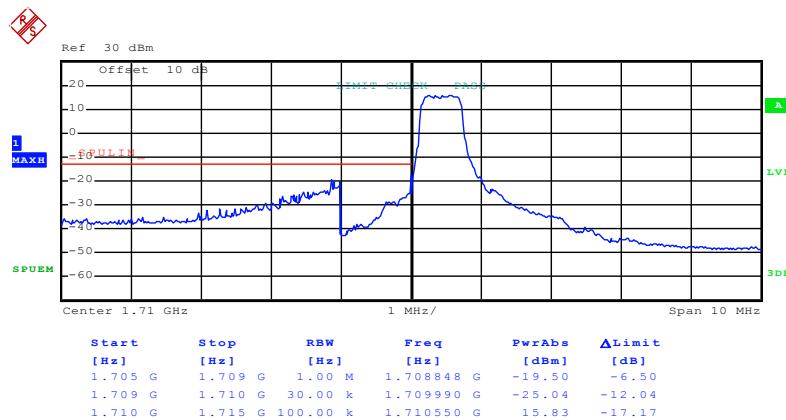


Date: 13.OCT.2015 14:48:04

Highest channel

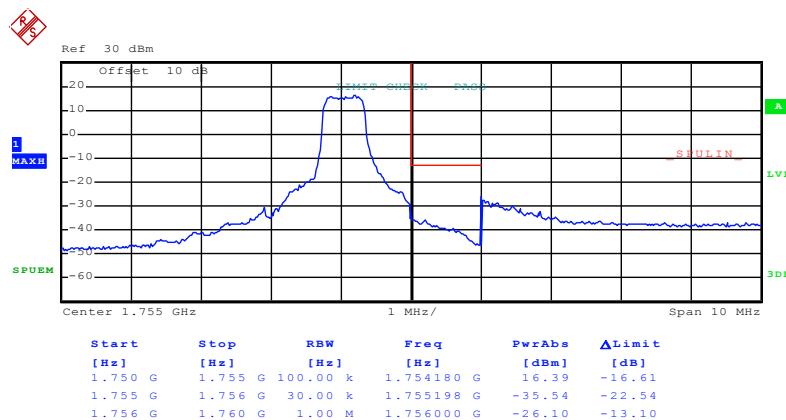
Test Mode:

LTE band 4(QPSK RB Size 3 & RB Offset 0)



Date: 13.OCT.2015 14:43:19

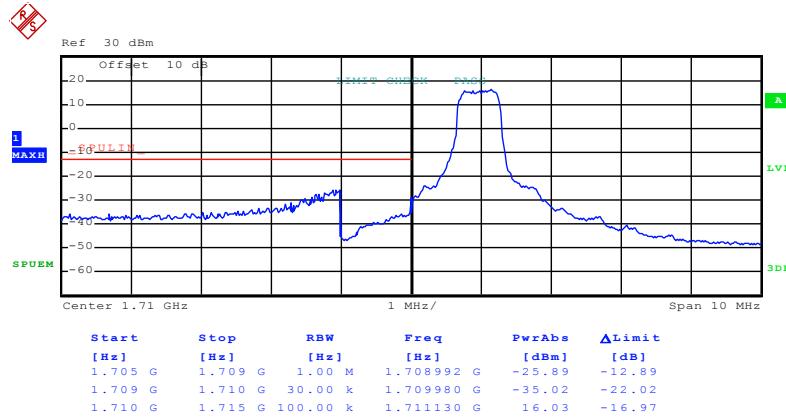
Lowest channel



Date: 13.OCT.2015 14:48:34

Highest channel

Test Mode:	LTE band 4(QPSK RB Size 3 & RB Offset 2)
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Date: 13.OCT.2015 14:44:26

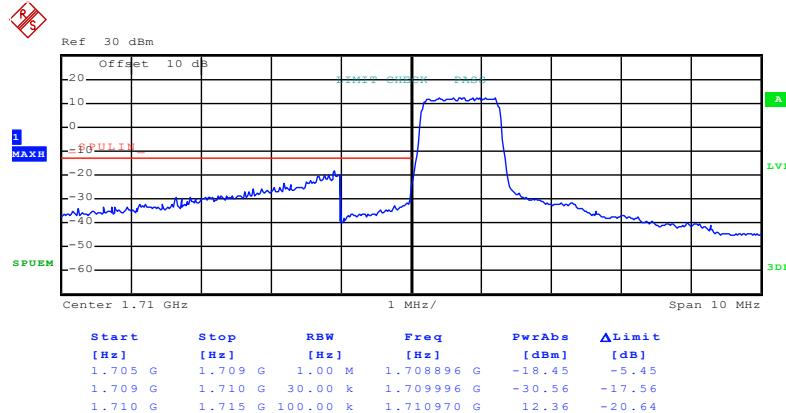
Lowest channel



Date: 13.OCT.2015 14:49:49

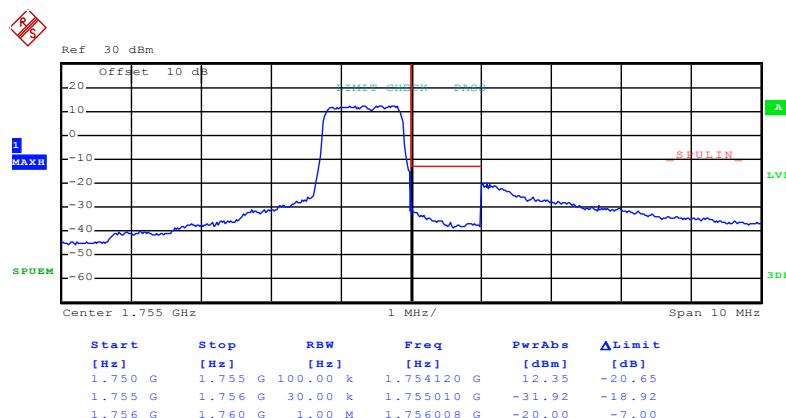
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 6 & RB Offset 0)
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Date: 13.OCT.2015 14:45:00

Lowest channel

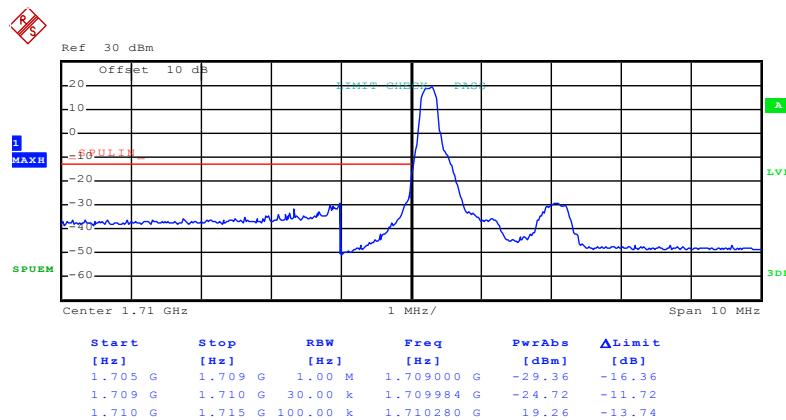


Date: 13.OCT.2015 14:50:54

Highest channel

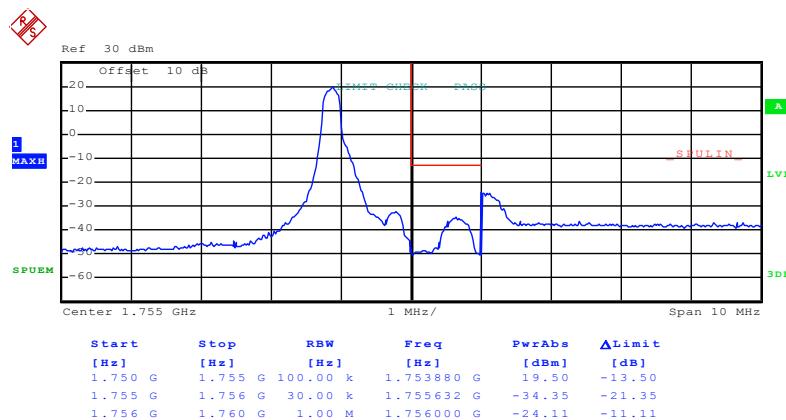
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 0)



Date: 13.OCT.2015 14:33:47

Lowest channel

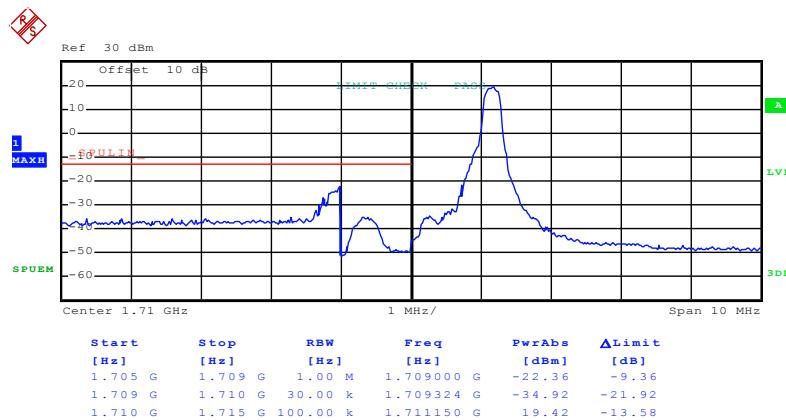


Date: 13.OCT.2015 14:47:10

Highest channel

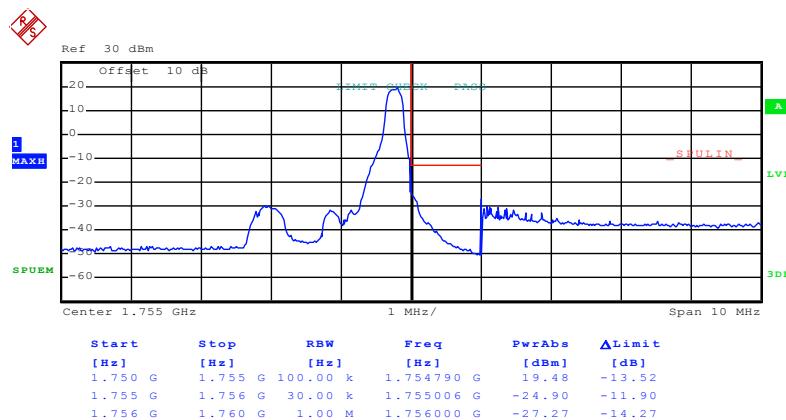
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 5)



Date: 13.OCT.2015 14:42:20

Lowest channel

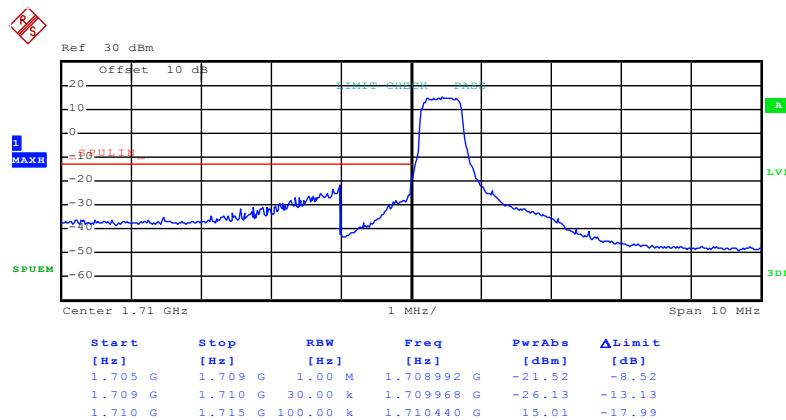


Date: 13.OCT.2015 14:47:29

Highest channel

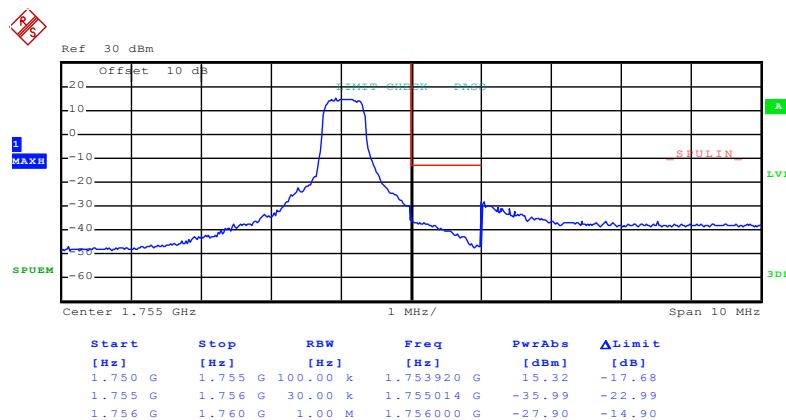
Test Mode:

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



Date: 13.OCT.2015 14:43:49

Lowest channel

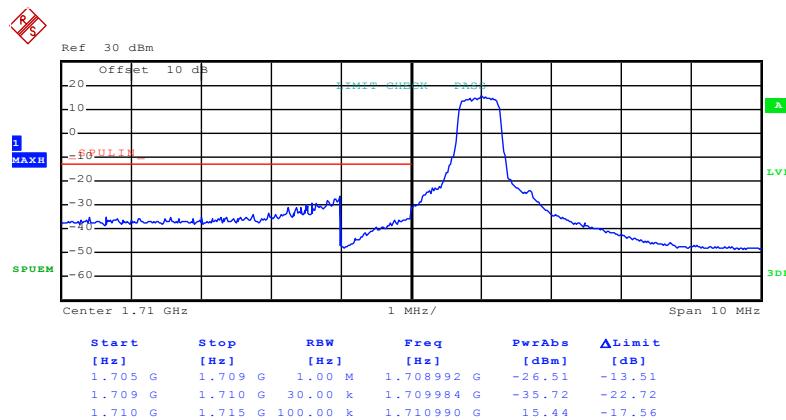


Date: 13.OCT.2015 14:48:54

Highest channel

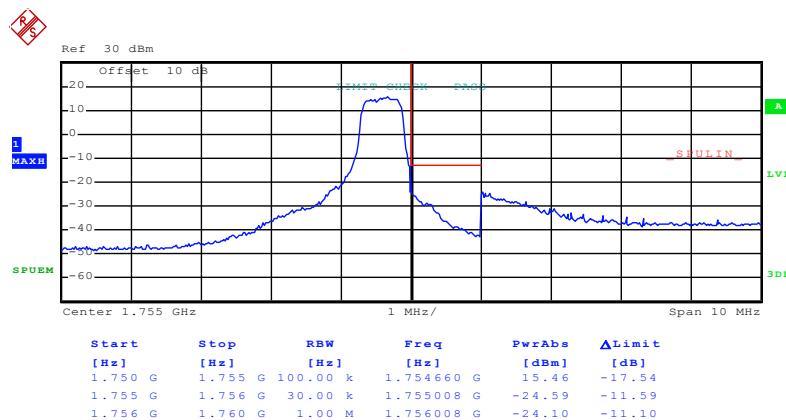
Test Mode:

LTE band 4(16QAM RB Size 3 & RB Offset 2)



Date: 13.OCT.2015 14:44:08

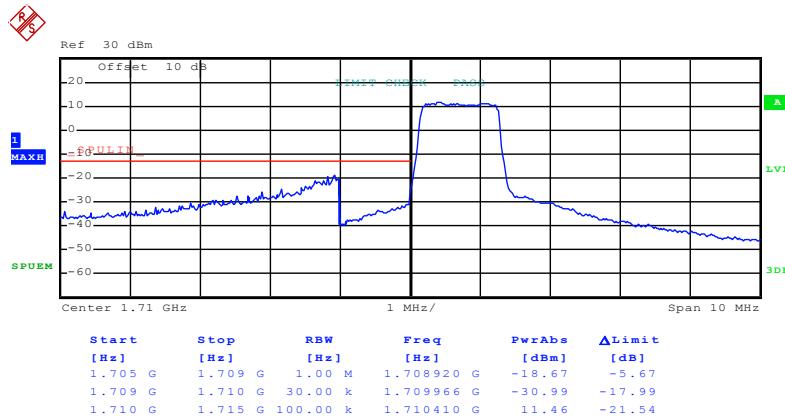
Lowest channel



Date: 13.OCT.2015 14:49:33

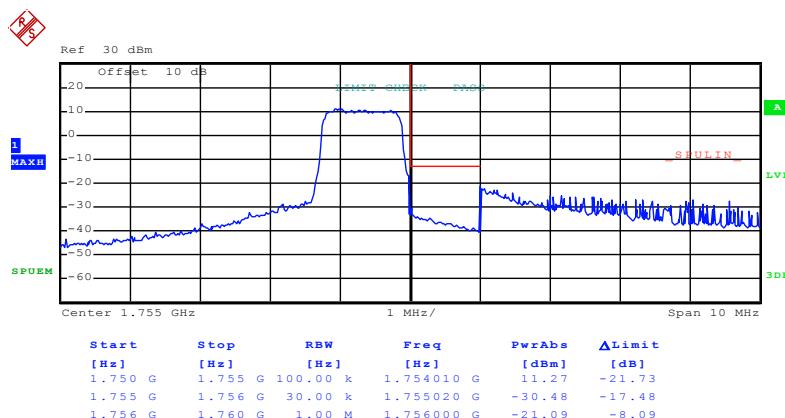
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 6 & RB Offset 0)
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Date: 13.OCT.2015 14:46:00

Lowest channel

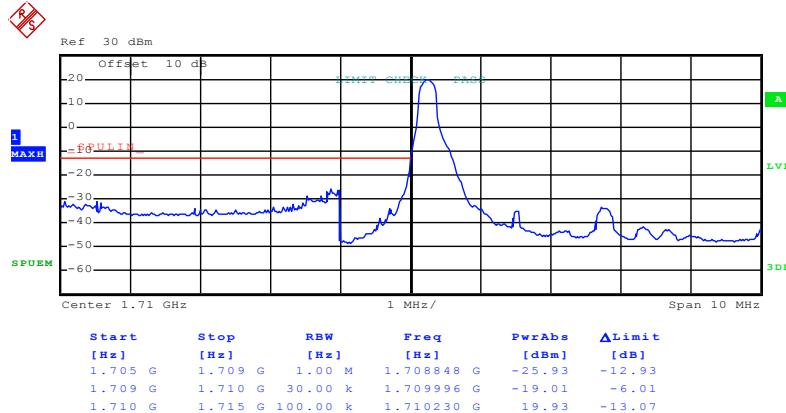


Date: 13.OCT.2015 14:51:09

Highest channel

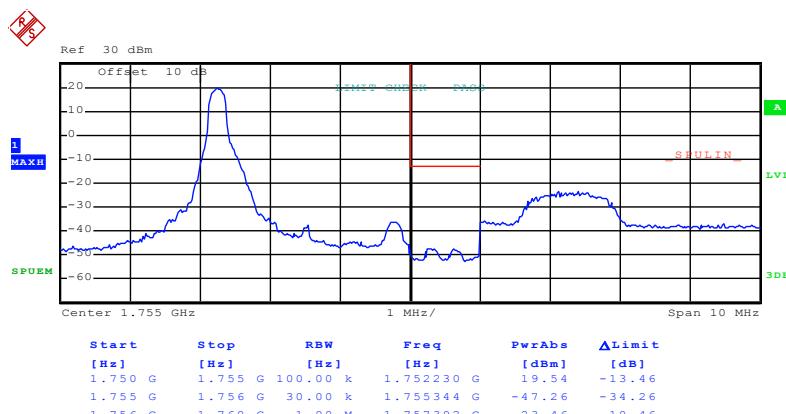
3MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 14:53:51

Lowest channel

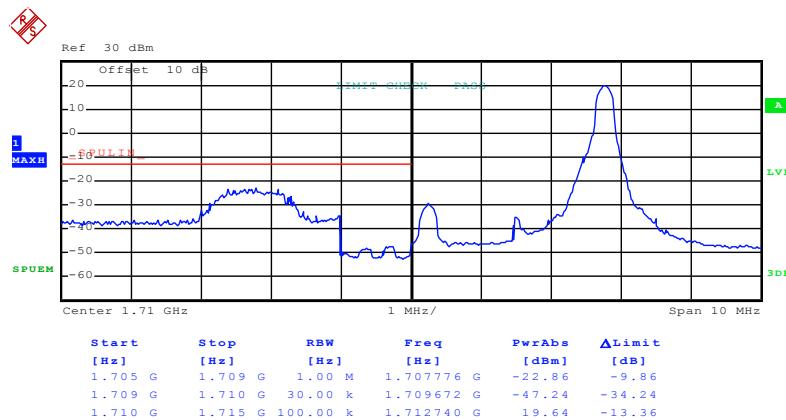


Date: 13.OCT.2015 15:01:01

Highest channel

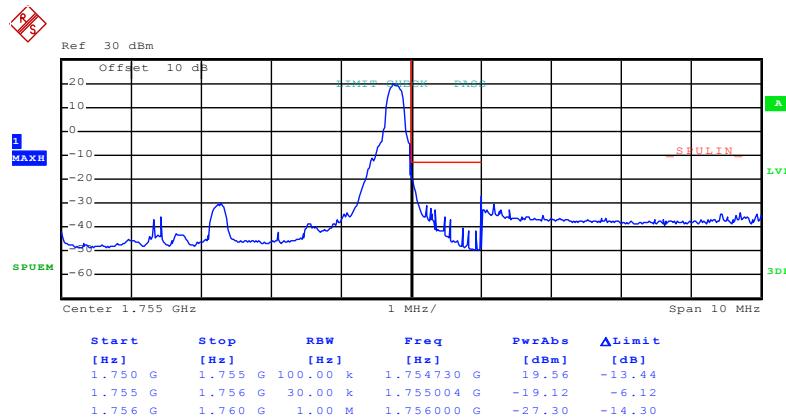
Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 14)



Date: 13.OCT.2015 14:55:51

Lowest channel

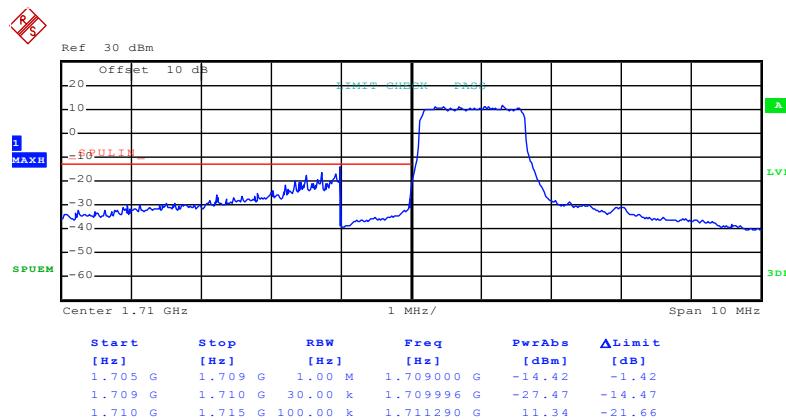


Date: 13.OCT.2015 15:02:02

Highest channel

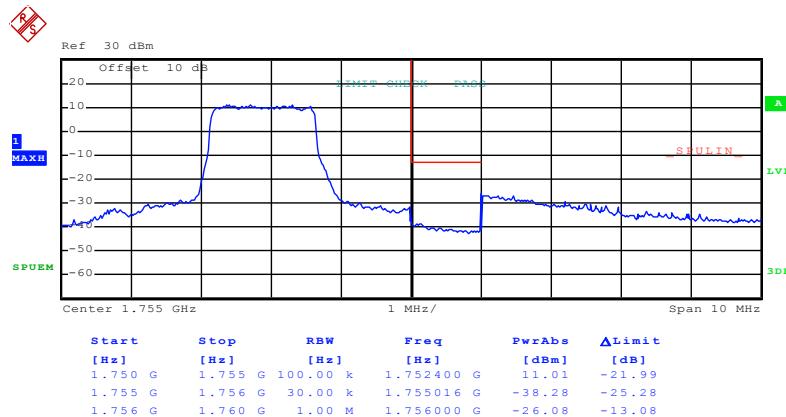
Test Mode:

LTE band 4(QPSK RB Size 8 & RB Offset 0)



Date: 13.OCT.2015 14:56:13

Lowest channel

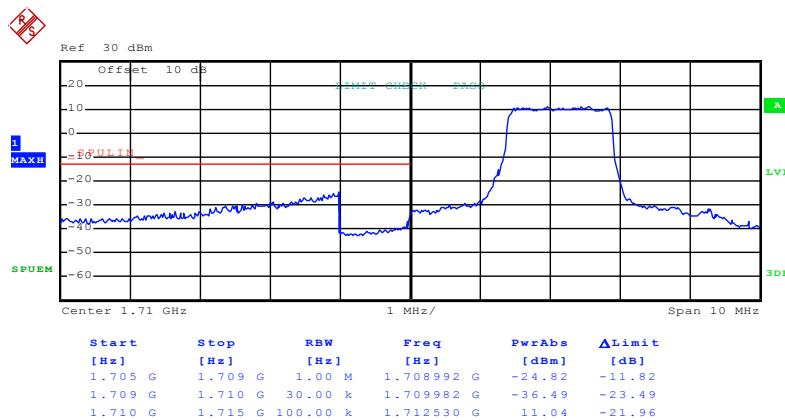


Date: 13.OCT.2015 15:02:27

Highest channel

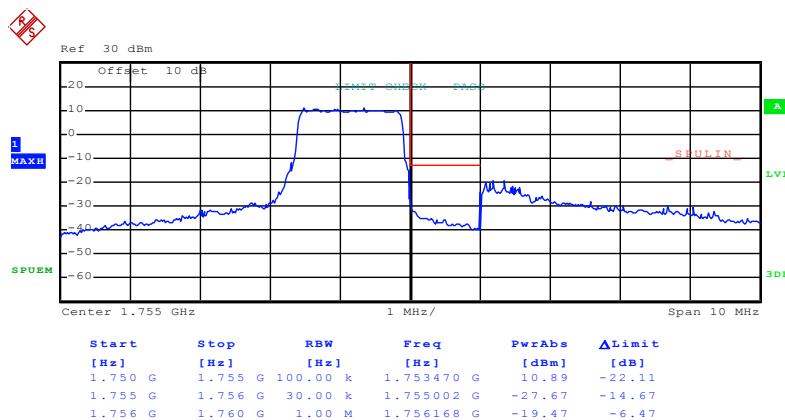
Test Mode:

LTE band 4(QPSK RB Size 8 & RB Offset 7)



Date: 13.OCT.2015 14:57:28

Lowest channel

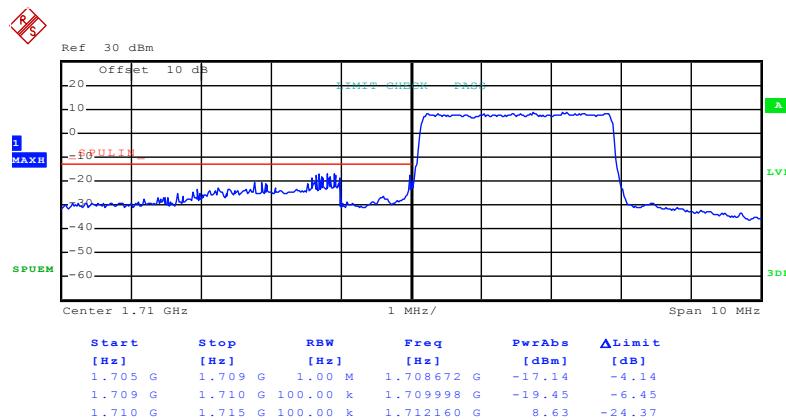


Date: 13.OCT.2015 15:03:09

Highest channel

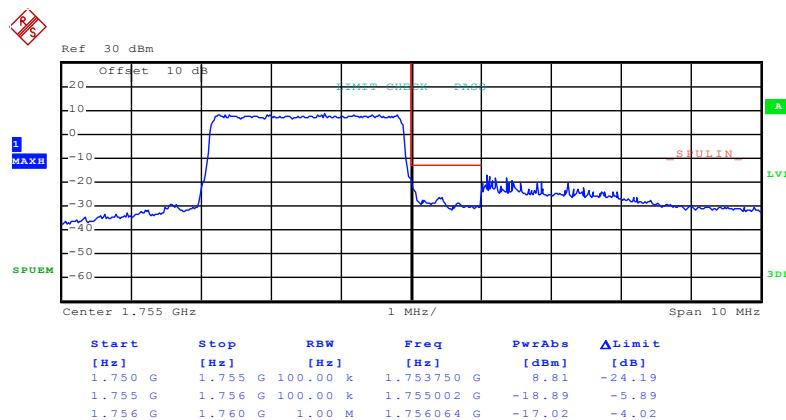
Test Mode:

LTE band 4(QPSK RB Size 15 & RB Offset 0)



Date: 13.OCT.2015 15:00:00

Lowest channel

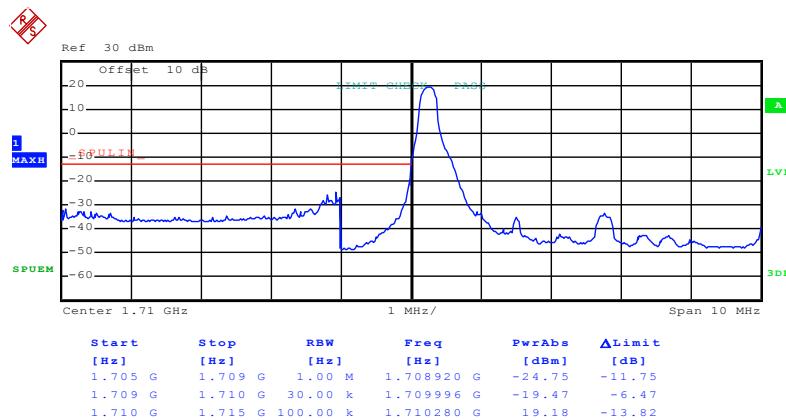


Date: 13.OCT.2015 15:03:35

Highest channel

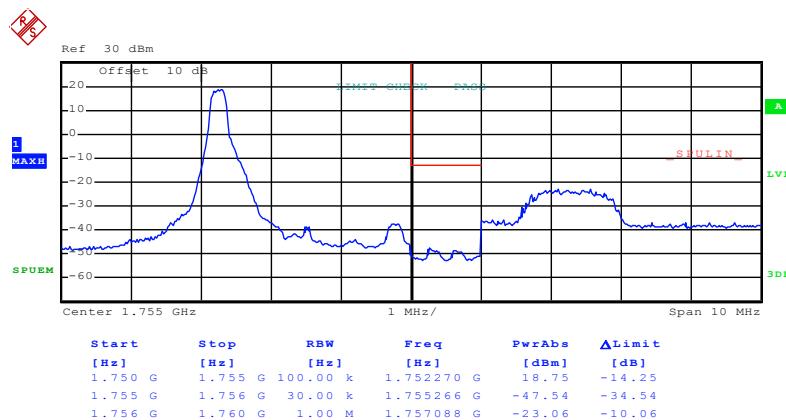
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 0)



Date: 13.OCT.2015 14:55:04

Lowest channel



Date: 13.OCT.2015 15:01:16

Highest channel

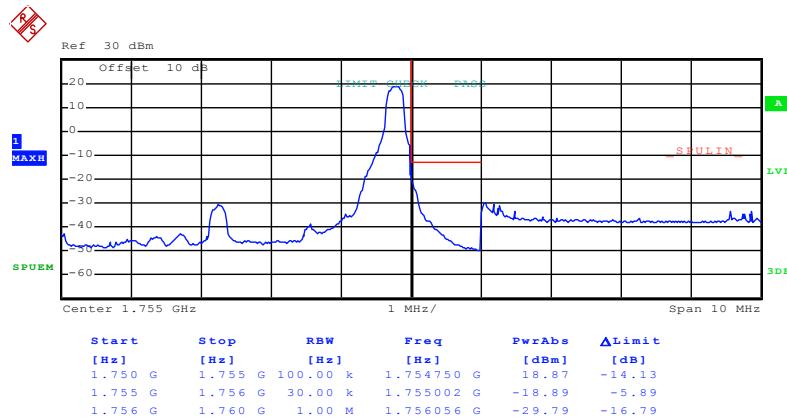
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 14)



Date: 13.OCT.2015 14:55:37

Lowest channel

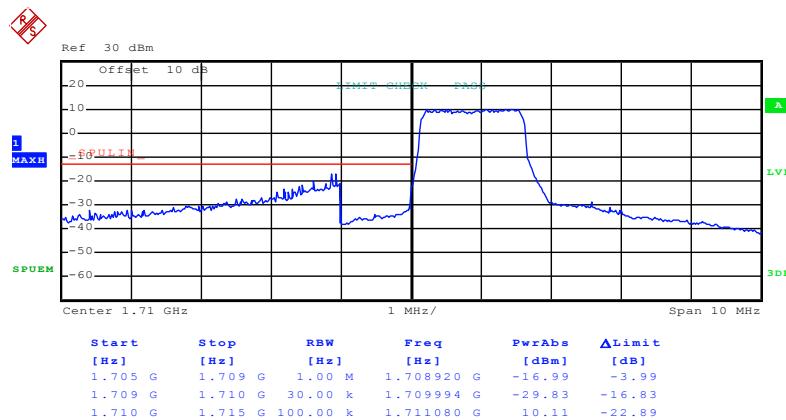


Date: 13.OCT.2015 15:01:48

Highest channel

Test Mode:

LTE band 4(16QAM RB Size 8 & RB Offset 0)



Date: 13.OCT.2015 14:56:30

Lowest channel

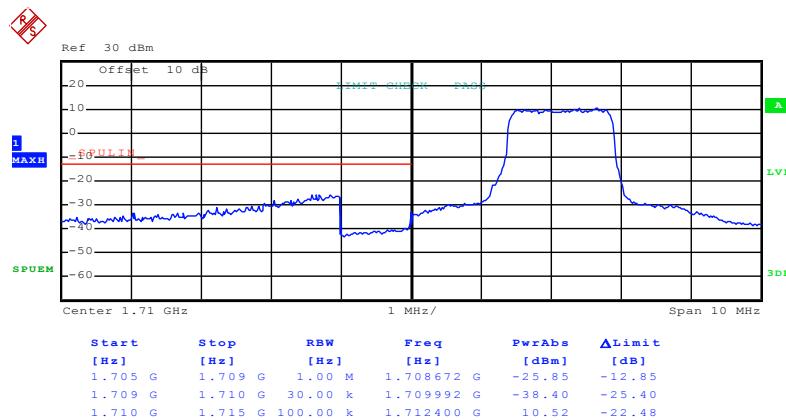


Date: 13.OCT.2015 15:02:41

Highest channel

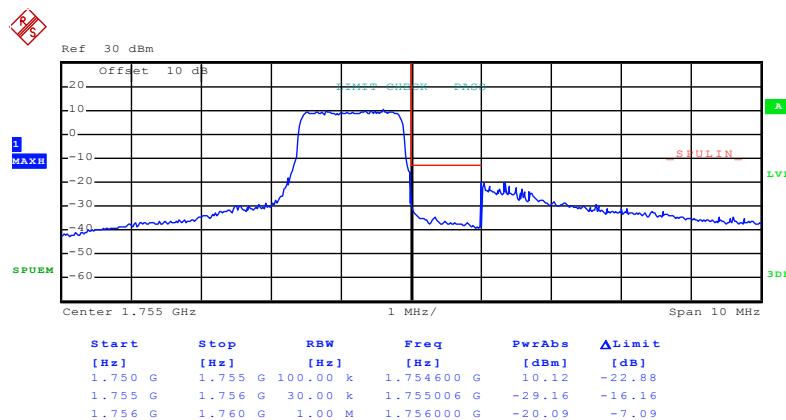
Test Mode:

LTE band 4(16QAM RB Size 8 & RB Offset 7)



Date: 13.OCT.2015 14:57:12

Lowest channel

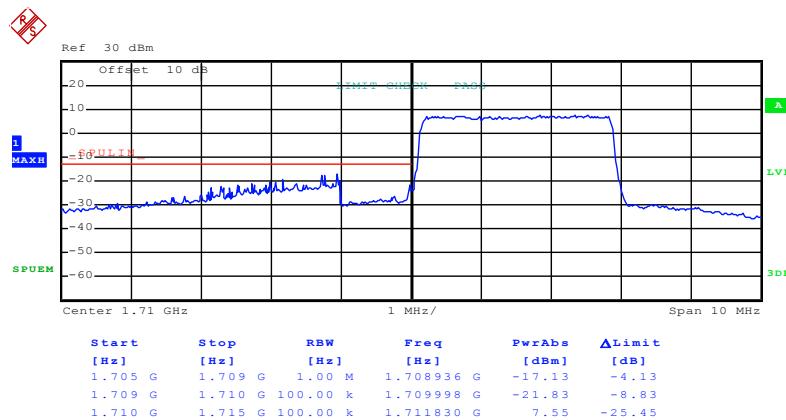


Date: 13.OCT.2015 15:02:54

Highest channel

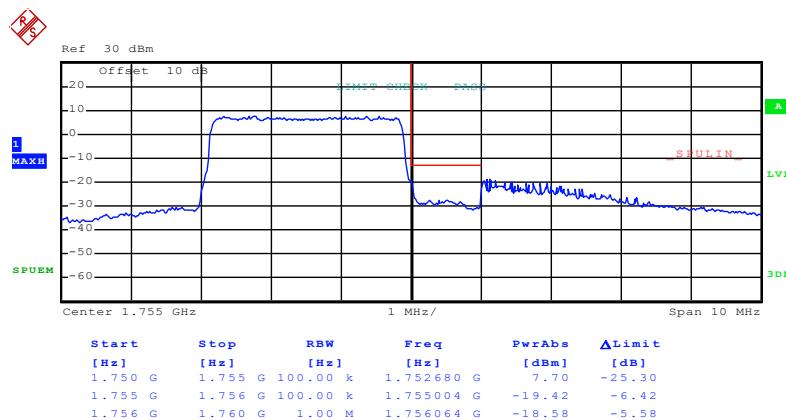
Test Mode:

LTE band 4(16QAM RB Size 15 & RB Offset 0)



Date: 13.OCT.2015 15:00:15

Lowest channel

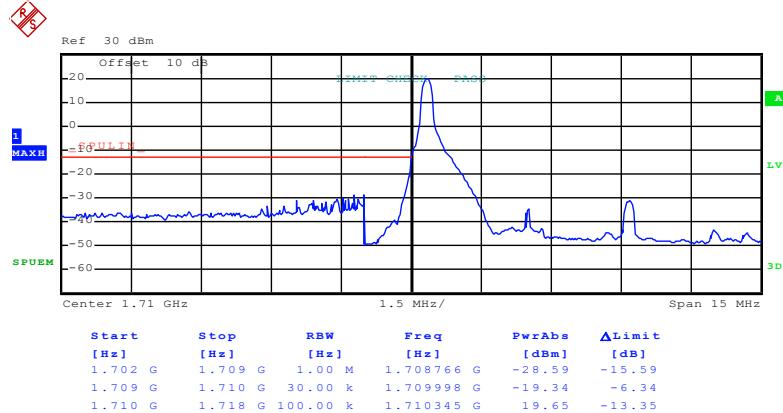


Date: 13.OCT.2015 15:03:53

Highest channel

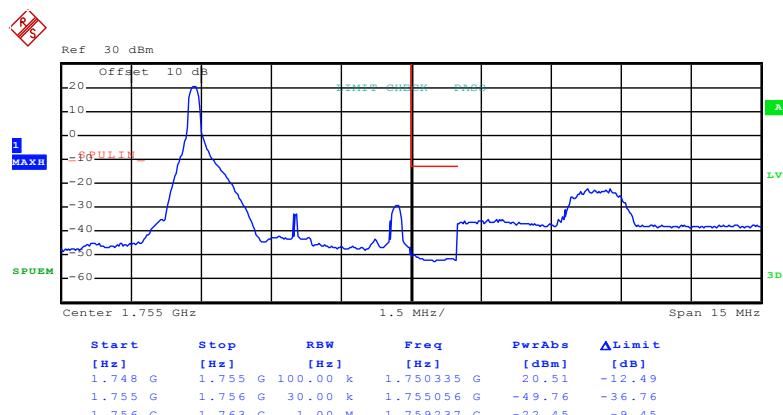
5MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 15:06:57

Lowest channel

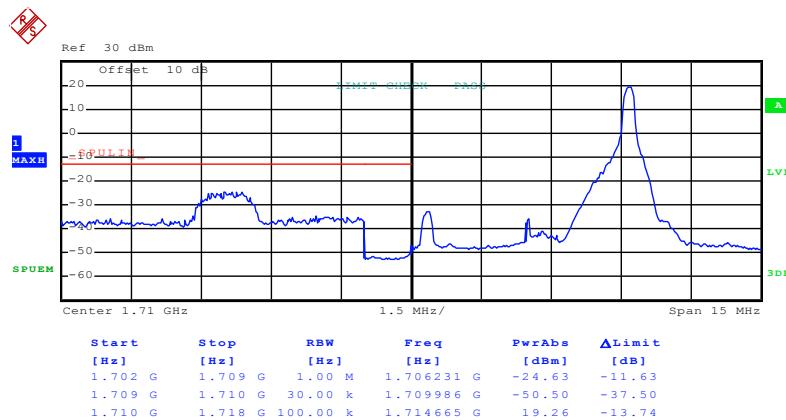


Date: 13.OCT.2015 15:11:32

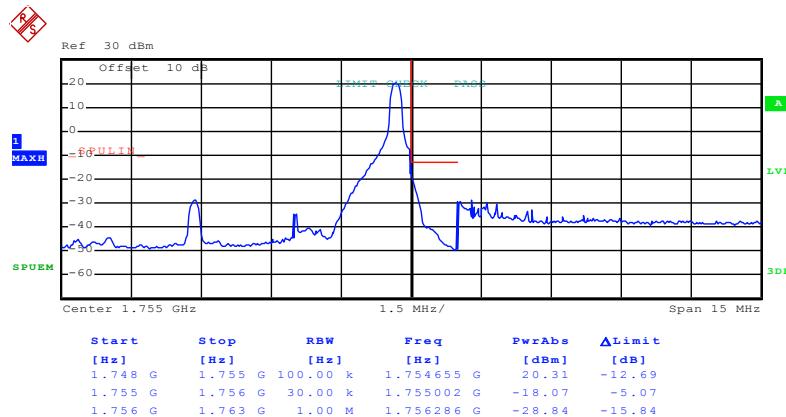
Highest channel

Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 24)



Date: 13.OCT.2015 15:08:07

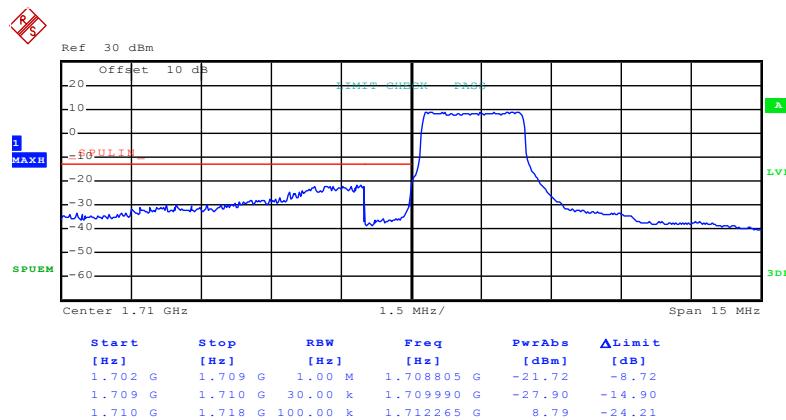
Lowest channel

Date: 13.OCT.2015 15:12:27

Highest channel

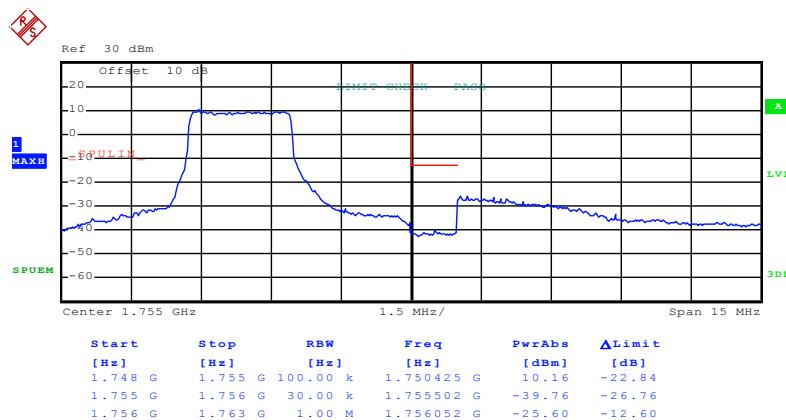
Test Mode:

LTE band 4(QPSK RB Size 12 & RB Offset 0)



Date: 13.OCT.2015 15:08:34

Lowest channel

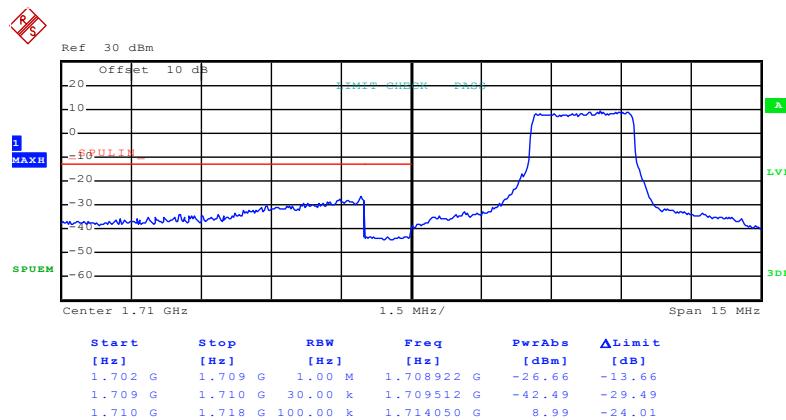


Date: 13.OCT.2015 15:12:49

Highest channel

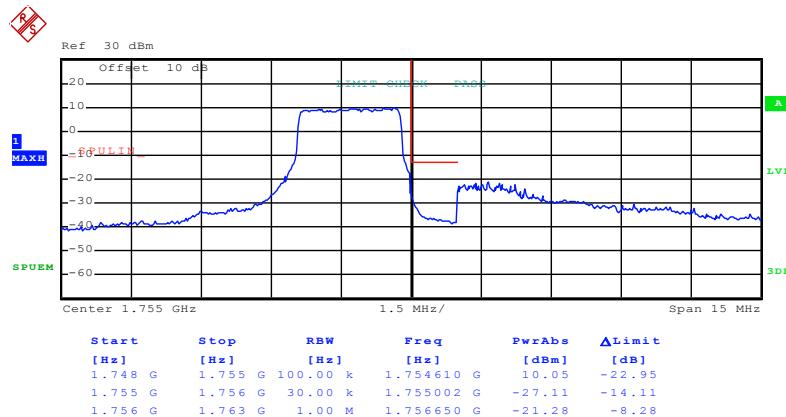
Test Mode:

LTE band 4(QPSK RB Size 12 & RB Offset 11)



Date: 13.OCT.2015 15:09:22

Lowest channel

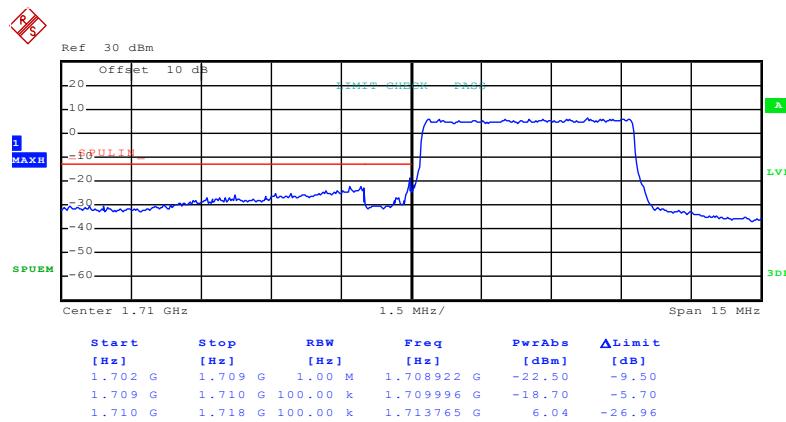


Date: 13.OCT.2015 15:13:32

Highest channel

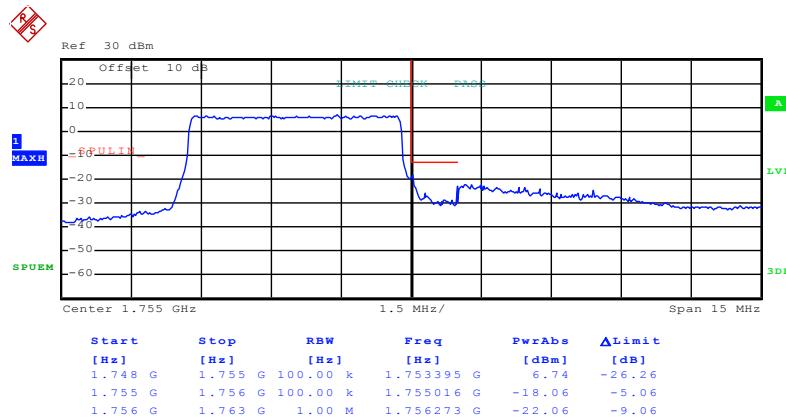
Test Mode:

LTE band 4(QPSK RB Size 25 & RB Offset 0)



Date: 13.OCT.2015 15:09:52

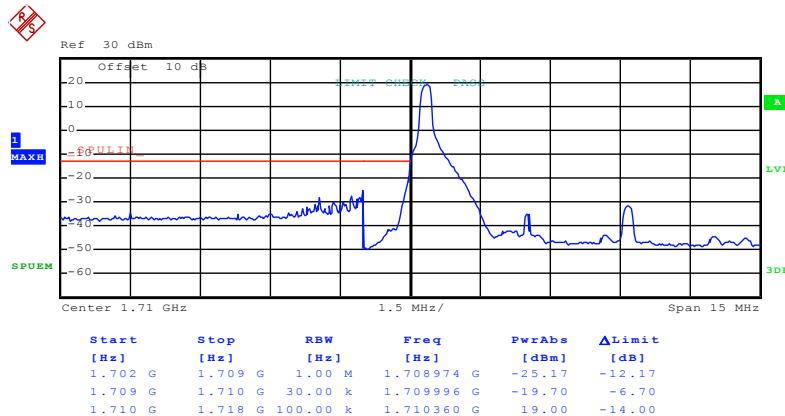
Lowest channel



Date: 13.OCT.2015 15:13:57

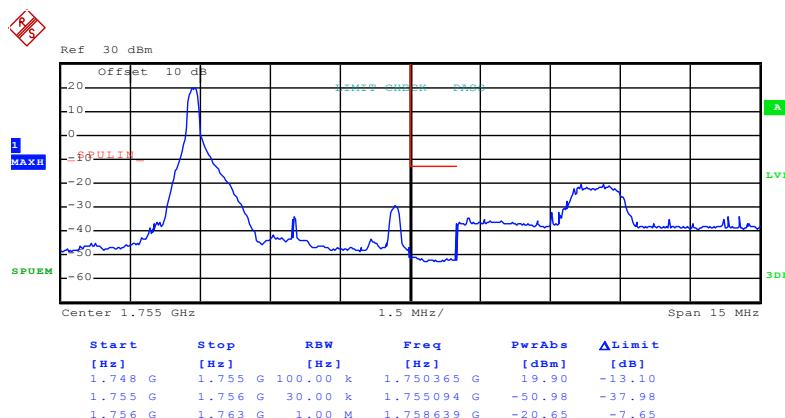
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 15:07:38

Lowest channel

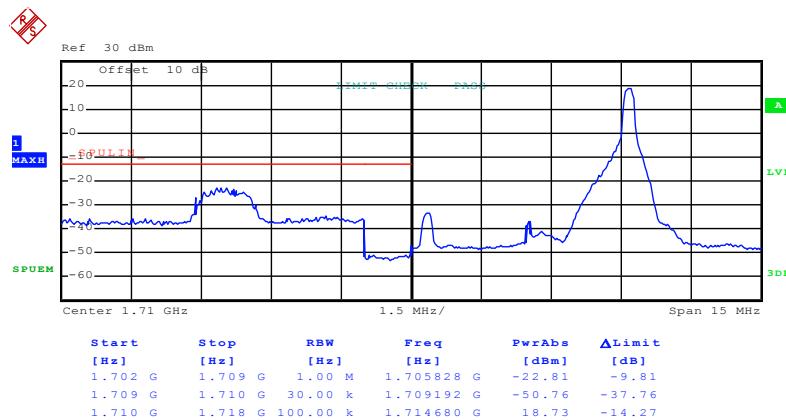


Date: 13.OCT.2015 15:11:48

Highest channel

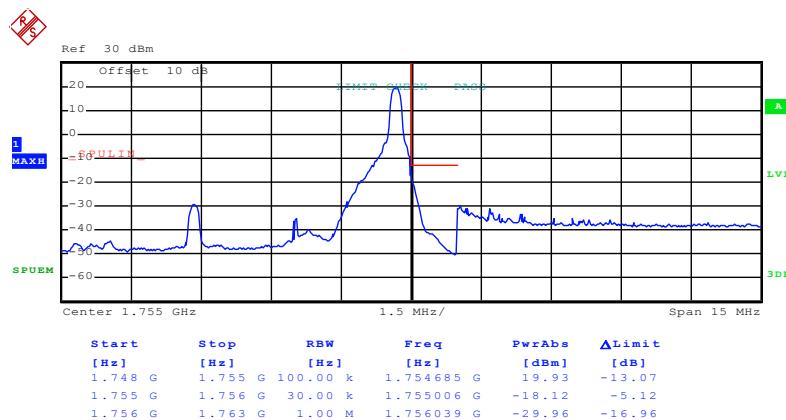
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 24)



Date: 13.OCT.2015 15:07:55

Lowest channel

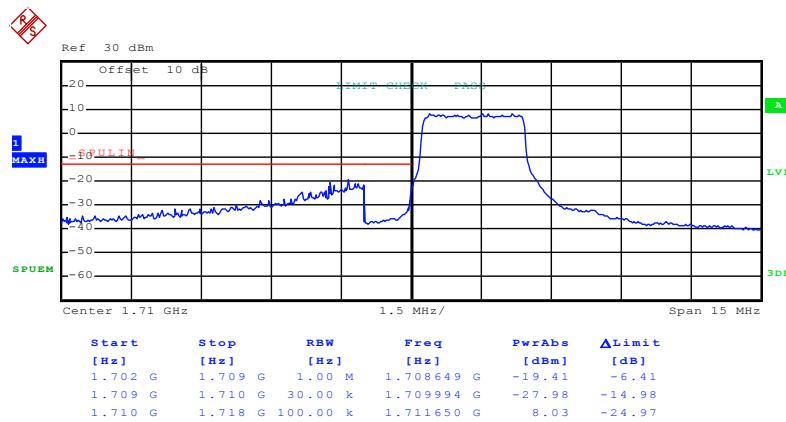


Date: 13.OCT.2015 15:12:11

Highest channel

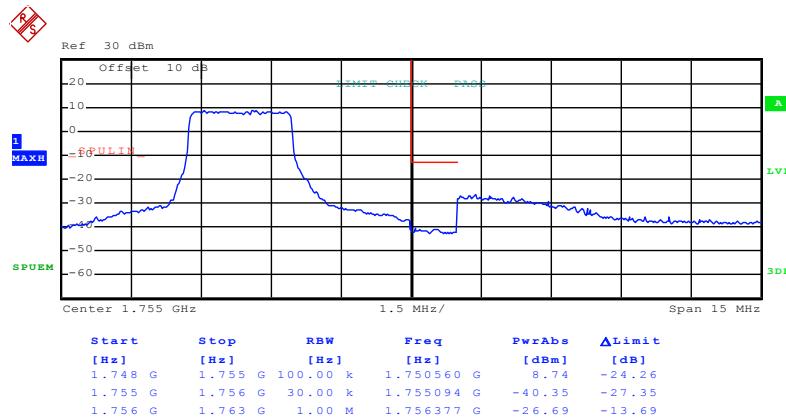
Test Mode:

LTE band 4(16QAM RB Size 12 & RB Offset 0)



Date: 13.OCT.2015 15:08:51

Lowest channel

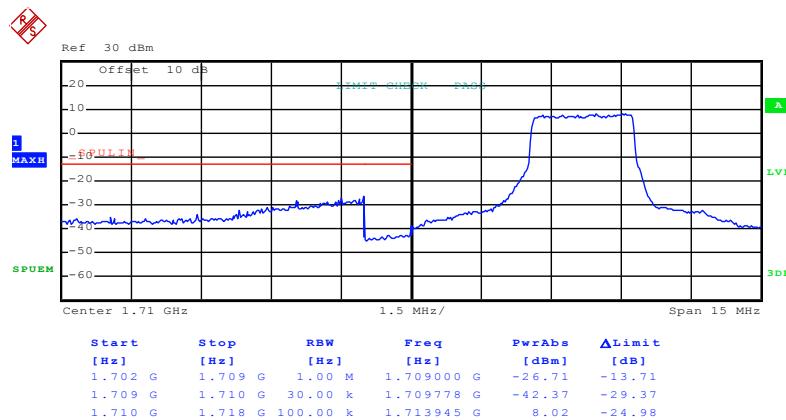


Date: 13.OCT.2015 15:13:03

Highest channel

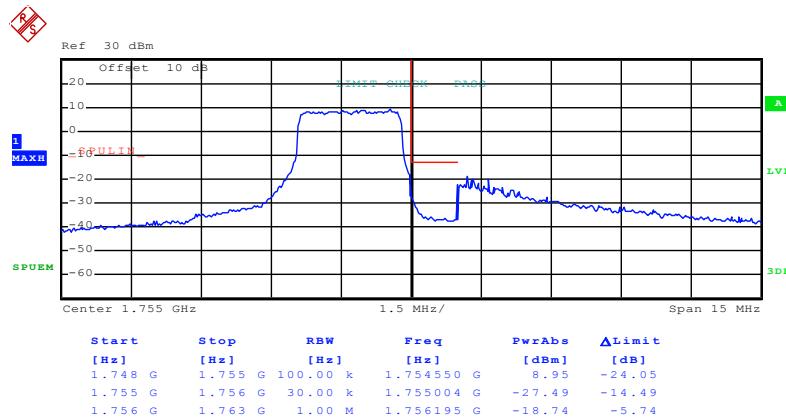
Test Mode:

LTE band 4(16QAM RB Size 12 & RB Offset 11)



Date: 13.OCT.2015 15:09:07

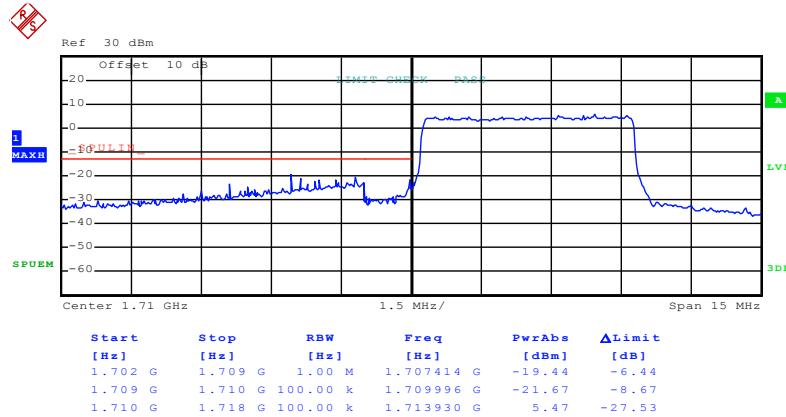
Lowest channel



Date: 13.OCT.2015 15:13:16

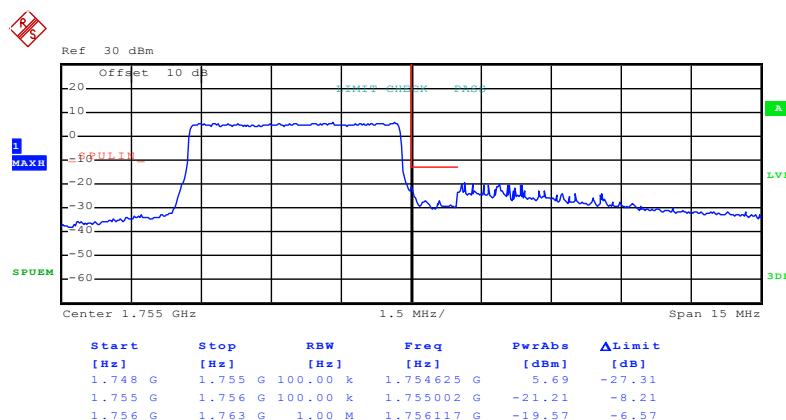
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 25 & RB Offset 0)
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Date: 13.OCT.2015 15:10:03

Lowest channel

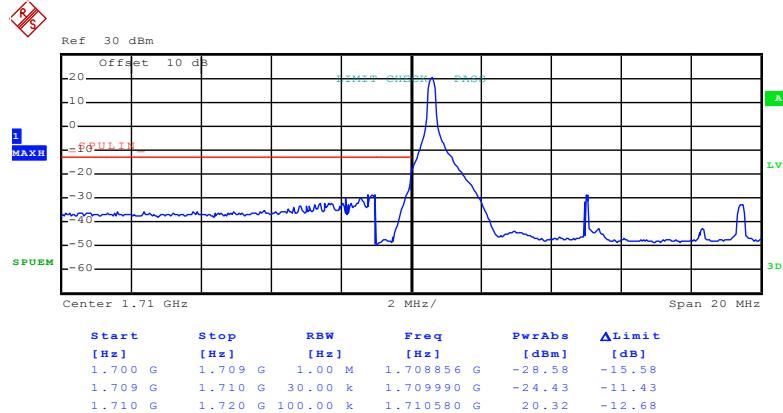


Date: 13.OCT.2015 15:14:13

Highest channel

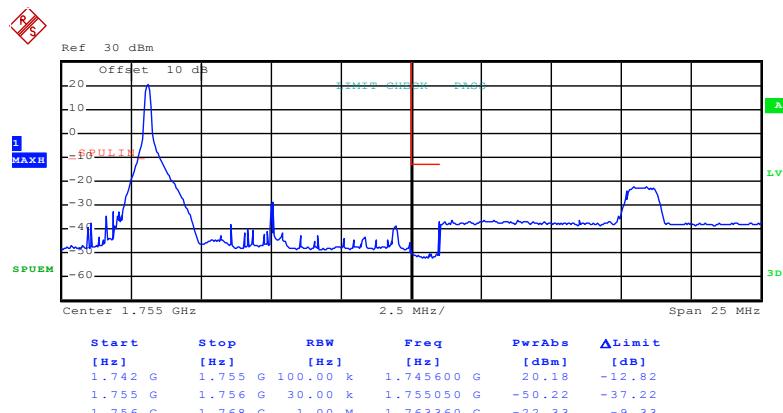
10MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 15:24:20

Lowest channel

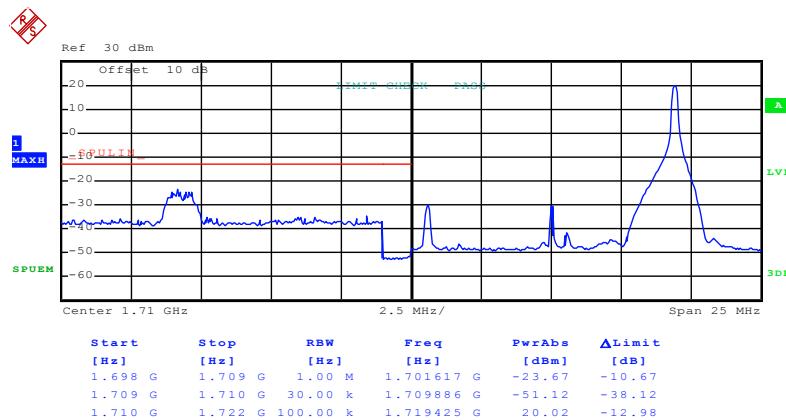


Date: 13.OCT.2015 15:30:42

Highest channel

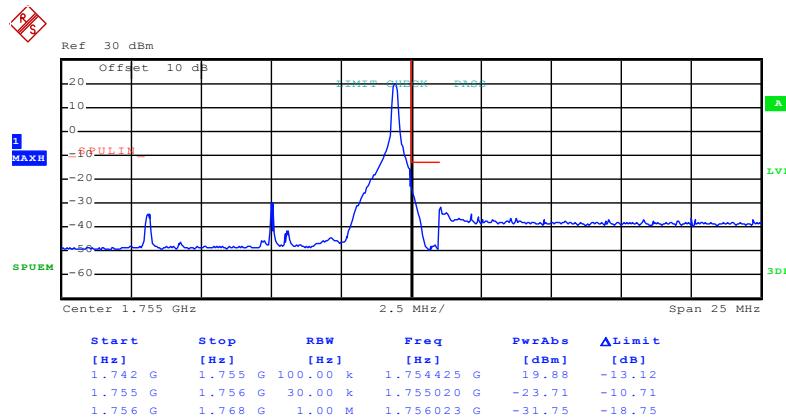
Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 49)



Date: 13.OCT.2015 15:25:58

Lowest channel

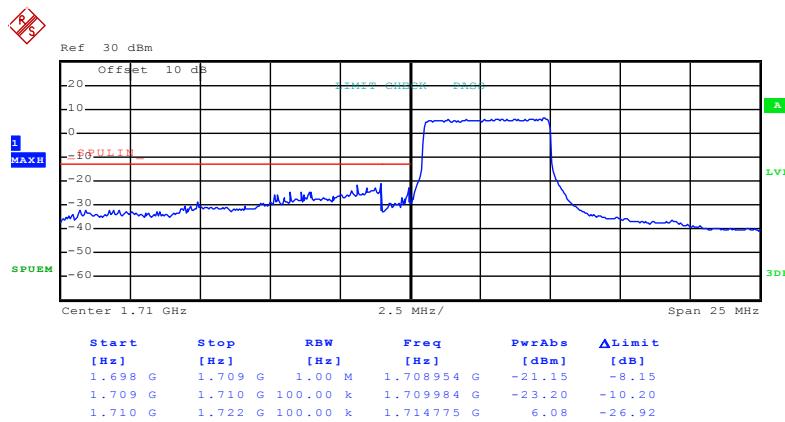


Date: 13.OCT.2015 15:31:28

Highest channel

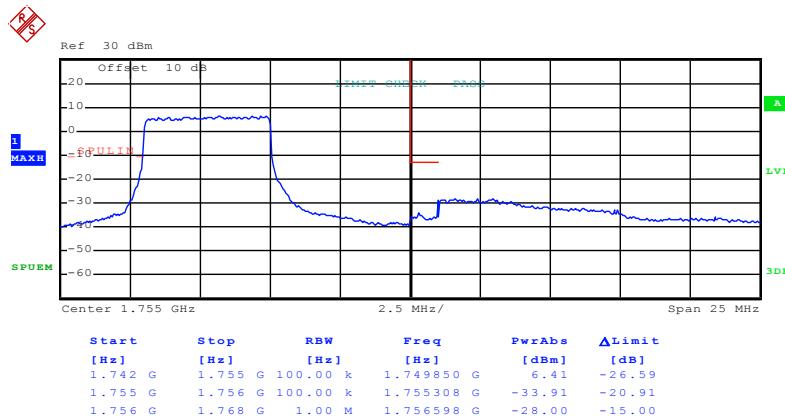
Test Mode:

LTE band 4(QPSK RB Size 25 & RB Offset 0)



Date: 13.OCT.2015 15:26:44

Lowest channel

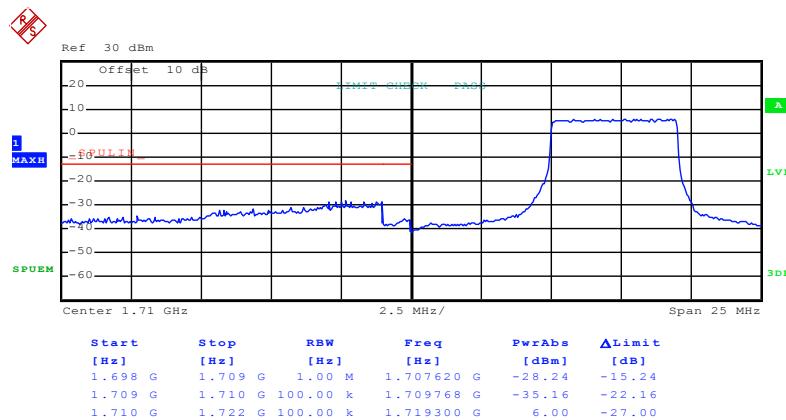


Date: 13.OCT.2015 15:32:01

Highest channel

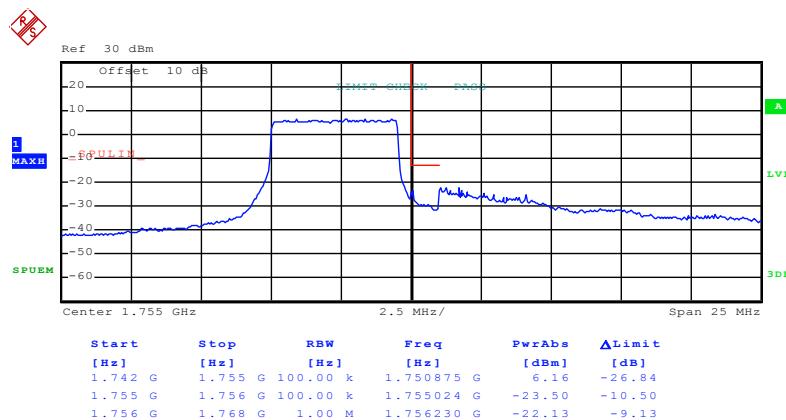
Test Mode:

LTE band 4(QPSK RB Size 25 & RB Offset 24)



Date: 13.OCT.2015 15:27:41

Lowest channel

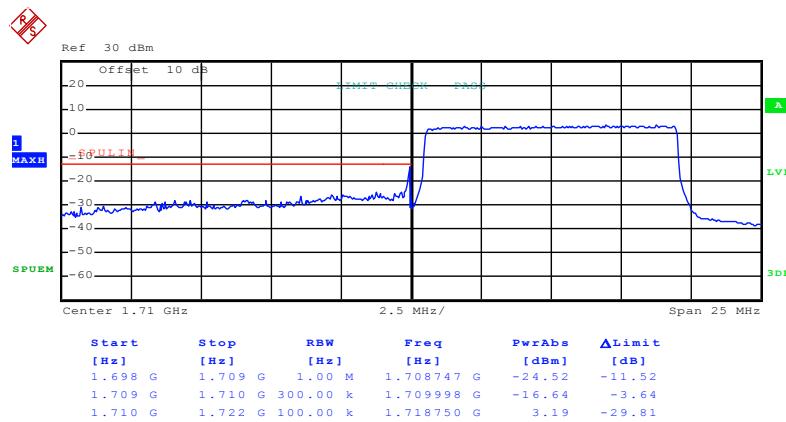


Date: 13.OCT.2015 15:33:05

Highest channel

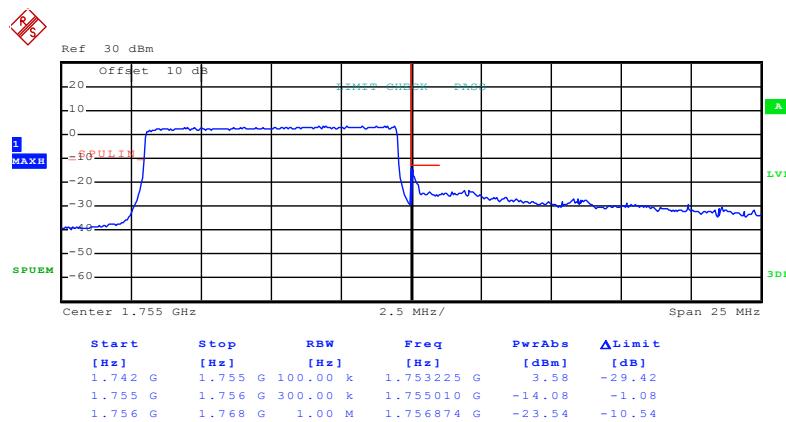
Test Mode:

LTE band 4(QPSK RB Size 50 & RB Offset 0)



Date: 13.OCT.2015 15:28:16

Lowest channel

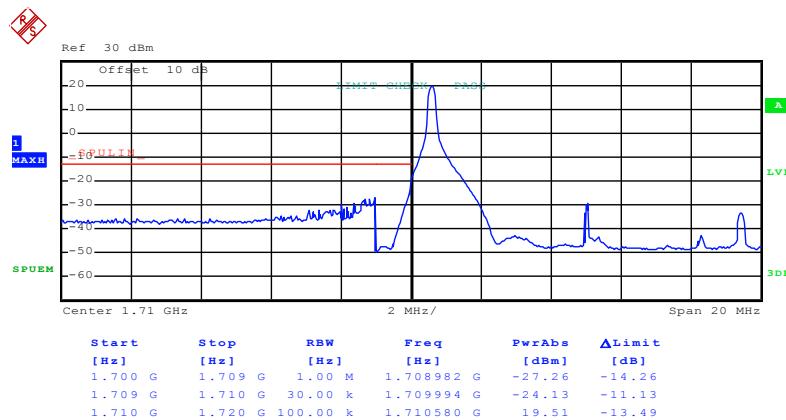


Date: 13.OCT.2015 15:33:38

Highest channel

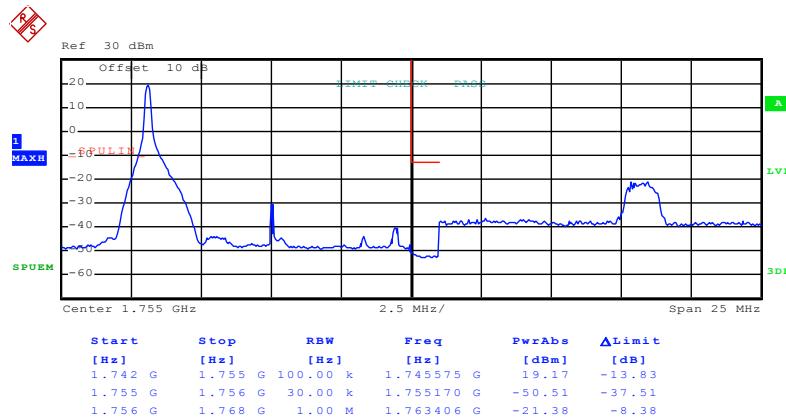
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 0)



Date: 13.OCT.2015 15:25:00

Lowest channel

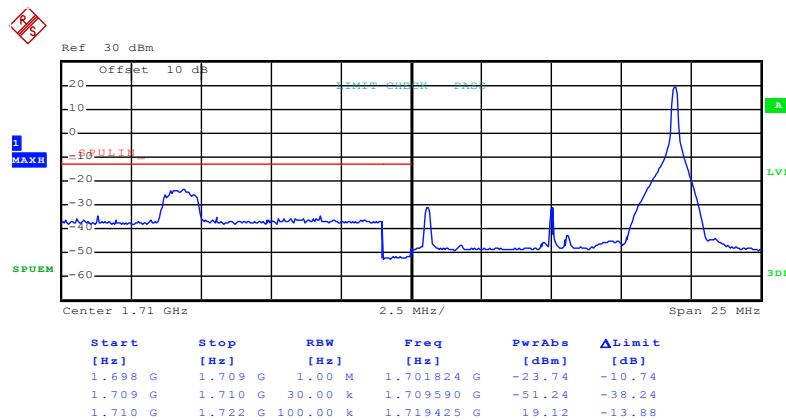


Date: 13.OCT.2015 15:31:00

Highest channel

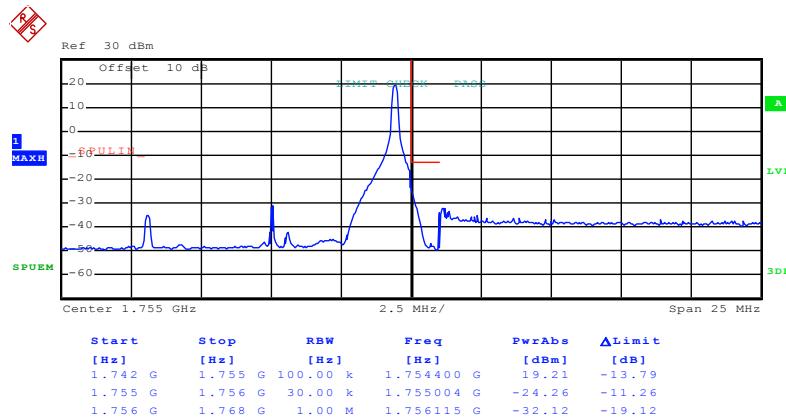
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 49)



Date: 13.OCT.2015 15:25:40

Lowest channel

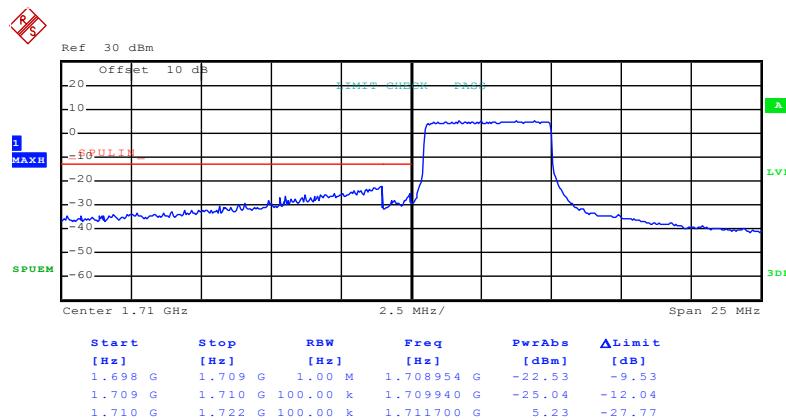


Date: 13.OCT.2015 15:31:15

Highest channel

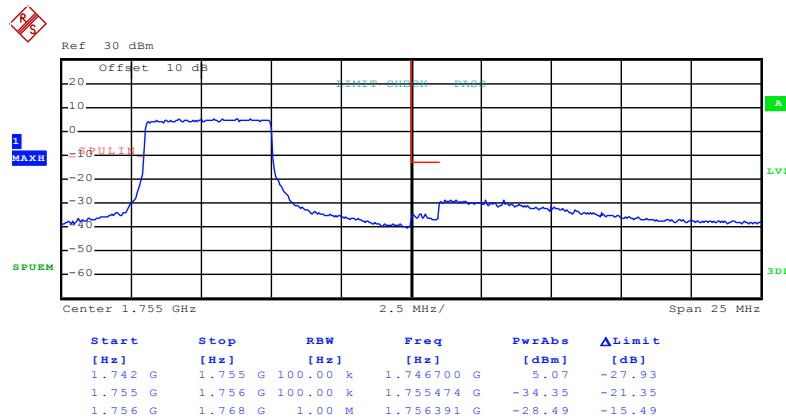
Test Mode:

LTE band 4(16QAM RB Size 25 & RB Offset 0)



Date: 13.OCT.2015 15:27:05

Lowest channel

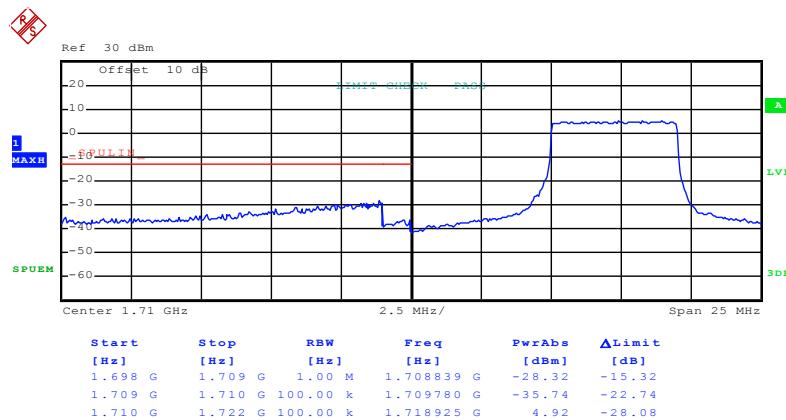


Date: 13.OCT.2015 15:32:18

Highest channel

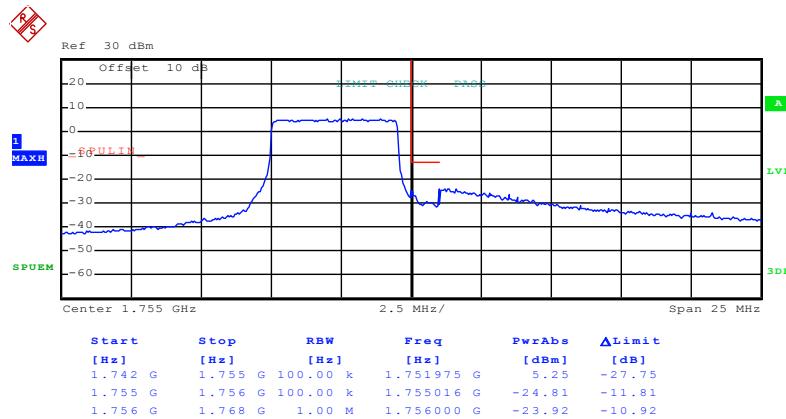
Test Mode:

LTE band 4(16QAM RB Size 25 & RB Offset 24)



Date: 13.OCT.2015 15:27:23

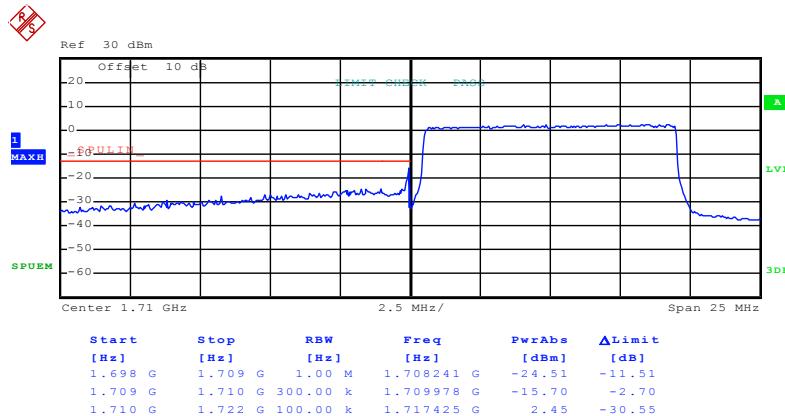
Lowest channel



Date: 13.OCT.2015 15:32:41

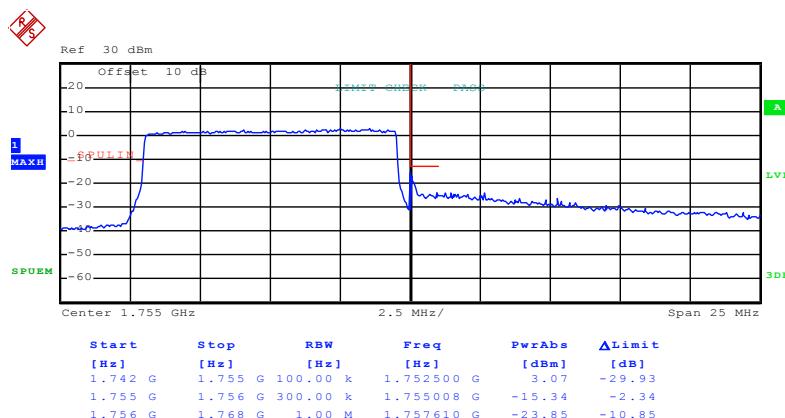
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 50 & RB Offset 0)
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Date: 13.OCT.2015 15:29:39

Lowest channel

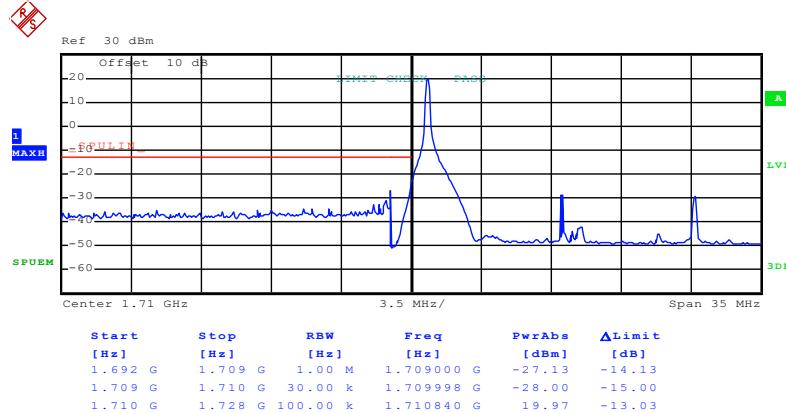


Date: 13.OCT.2015 15:33:51

Highest channel

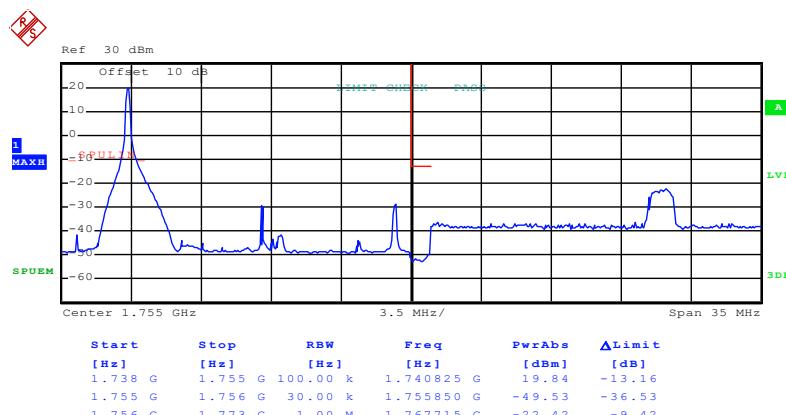
15MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 15:35:59

Lowest channel

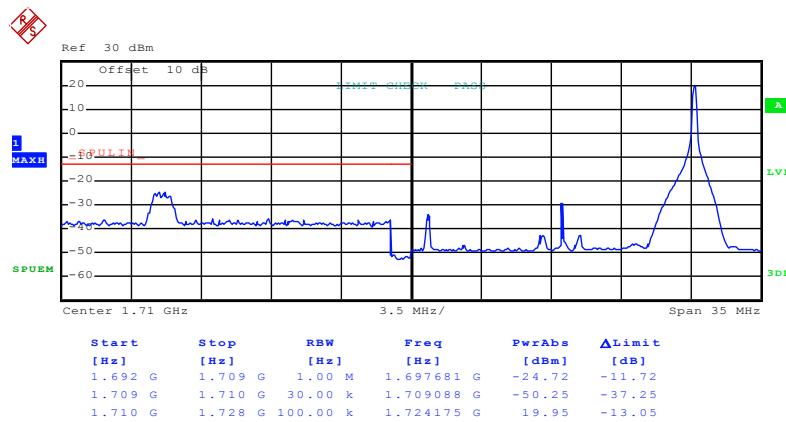


Date: 13.OCT.2015 15:42:28

Highest channel

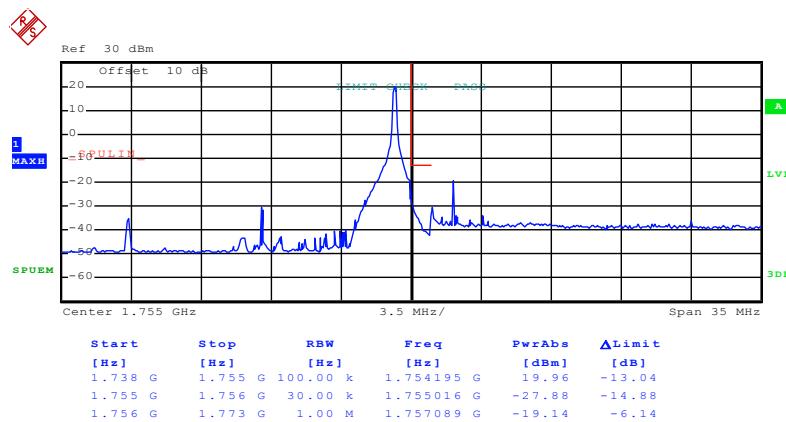
Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 74)



Date: 13.OCT.2015 15:37:11

Lowest channel

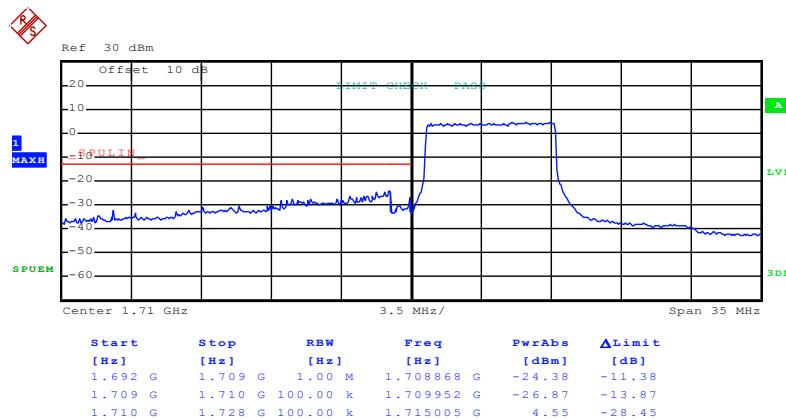


Date: 13.OCT.2015 15:43:22

Highest channel

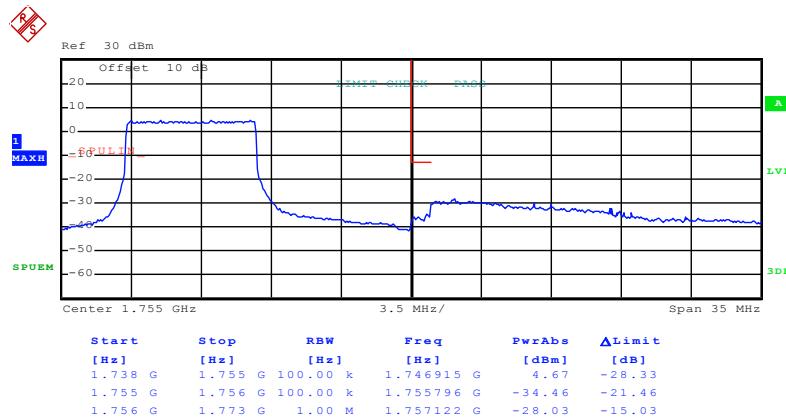
Test Mode:

LTE band 4(QPSK RB Size 36 & RB Offset 0)



Date: 13.OCT.2015 15:37:57

Lowest channel

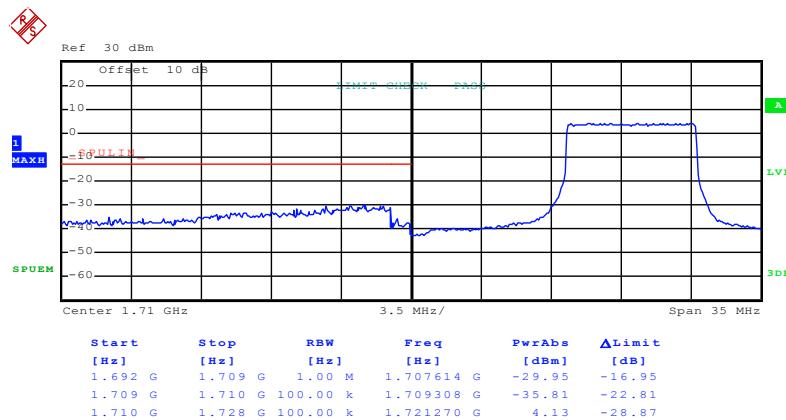


Date: 13.OCT.2015 15:44:02

Highest channel

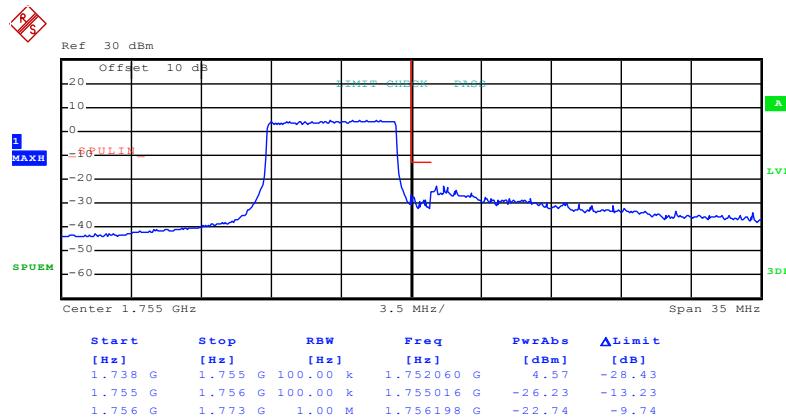
Test Mode:

LTE band 4(QPSK RB Size 36 & RB Offset 35)



Date: 13.OCT.2015 15:38:53

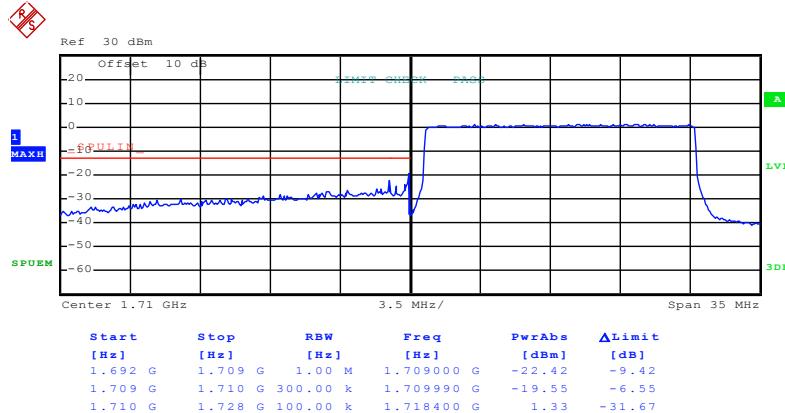
Lowest channel



Date: 13.OCT.2015 15:45:03

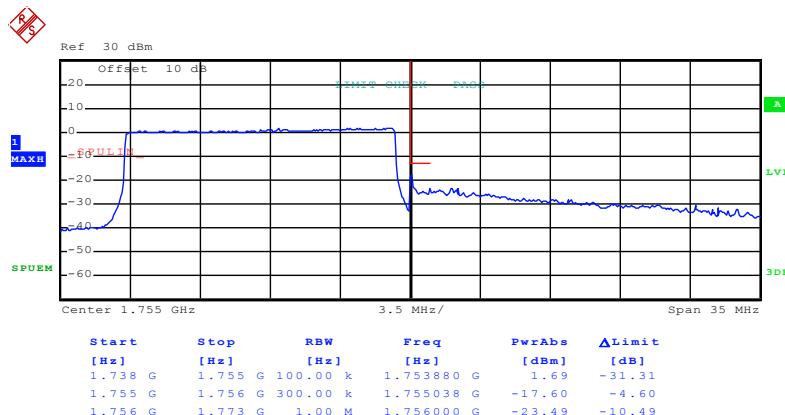
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 75 & RB Offset 0)
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Date: 13.OCT.2015 15:39:25

Lowest channel

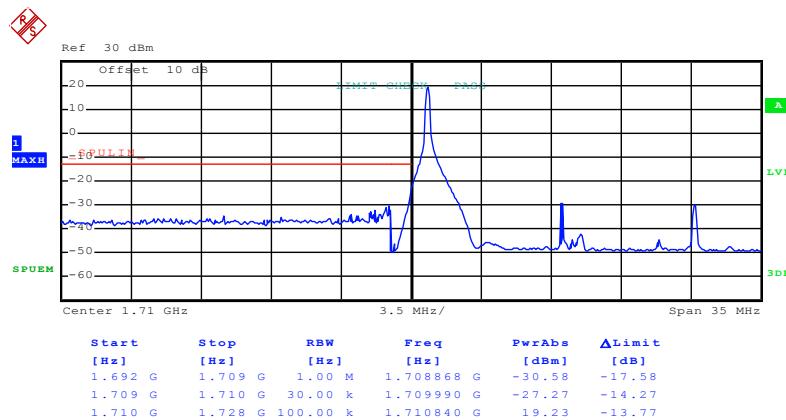


Date: 13.OCT.2015 15:45:32

Highest channel

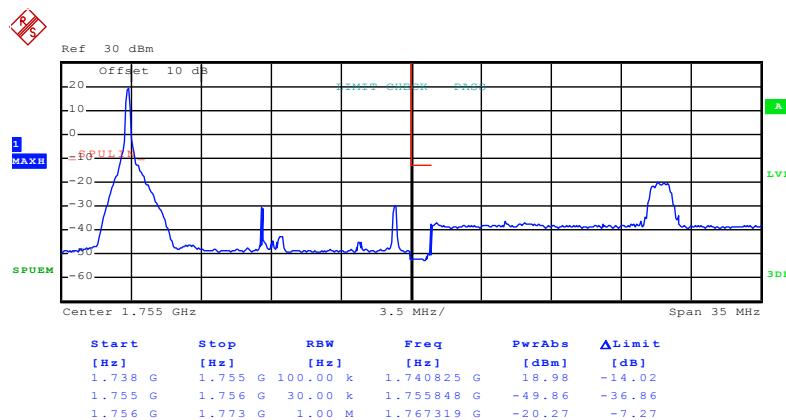
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 0)



Date: 13.OCT.2015 15:36:30

Lowest channel

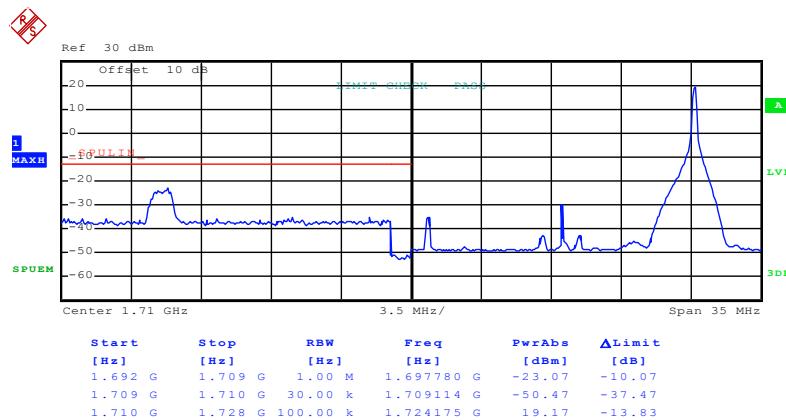


Date: 13.OCT.2015 15:42:48

Highest channel

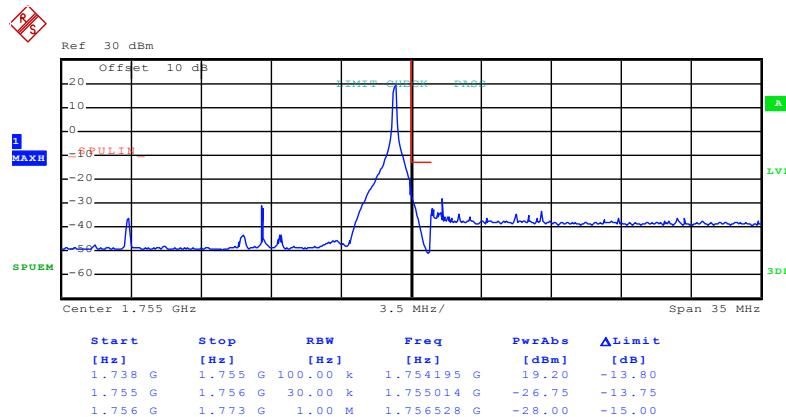
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 74)



Date: 13.OCT.2015 15:36:54

Lowest channel

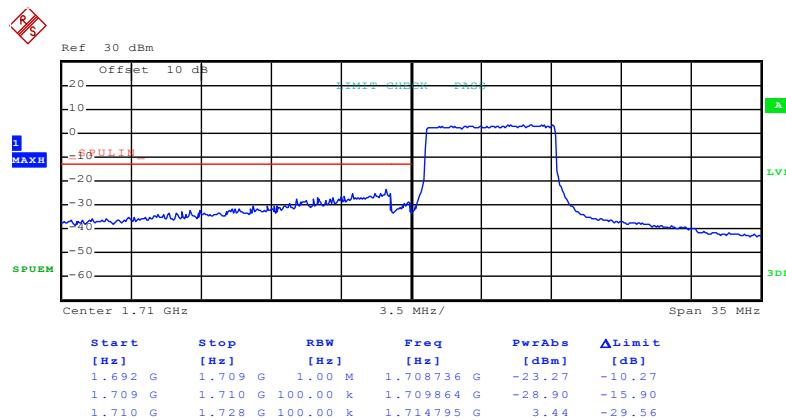


Date: 13.OCT.2015 15:43:08

Highest channel

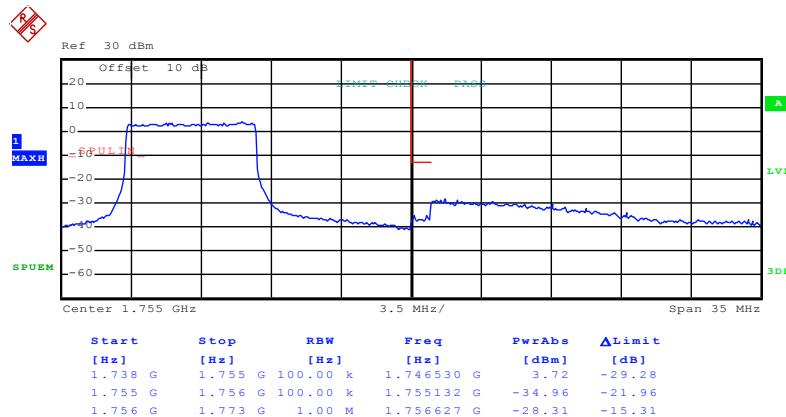
Test Mode:

LTE band 4(16QAM RB Size 36 & RB Offset 0)



Date: 13.OCT.2015 15:38:13

Lowest channel



Date: 13.OCT.2015 15:44:25

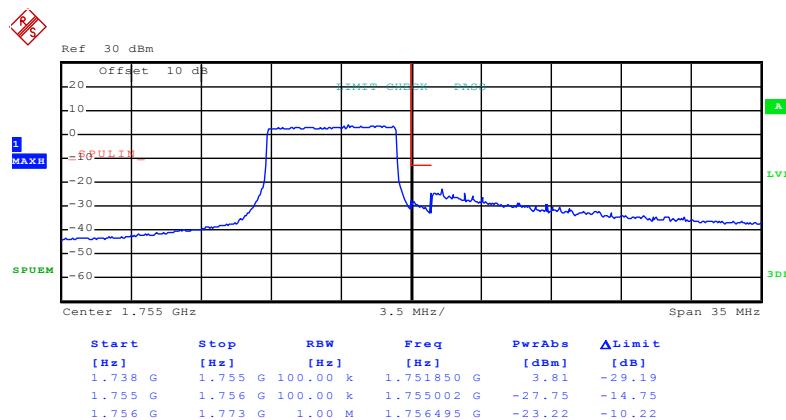
Highest channel

Test Mode:

LTE band 4(16QAM RB Size 36 & RB Offset 35)



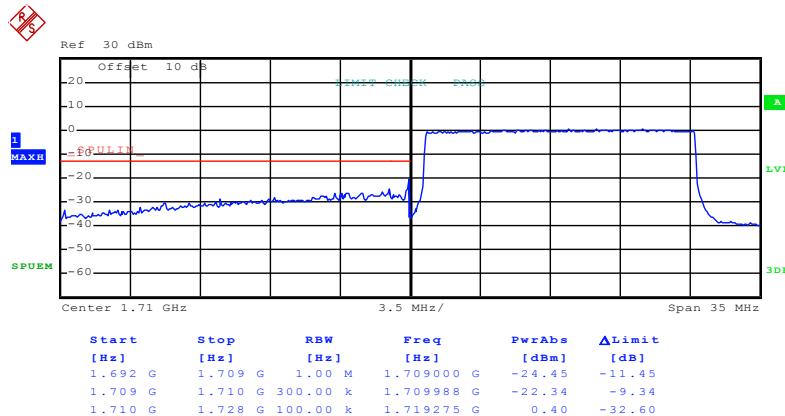
Date: 13.OCT.2015 15:38:35

Lowest channel

Date: 13.OCT.2015 15:44:45

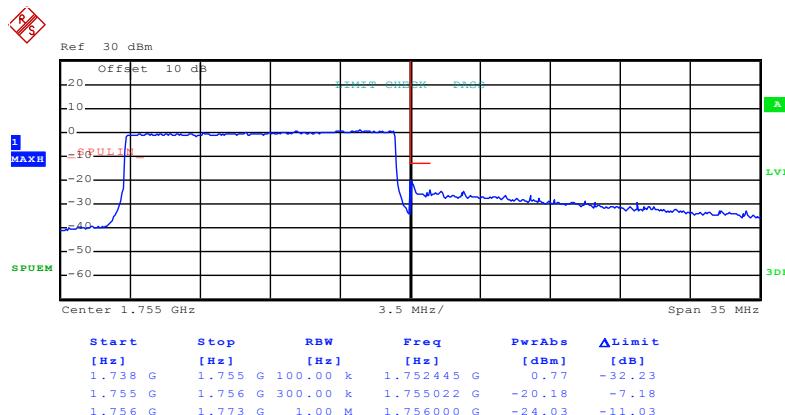
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 75 & RB Offset 0)
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Date: 13.OCT.2015 15:39:45

Lowest channel

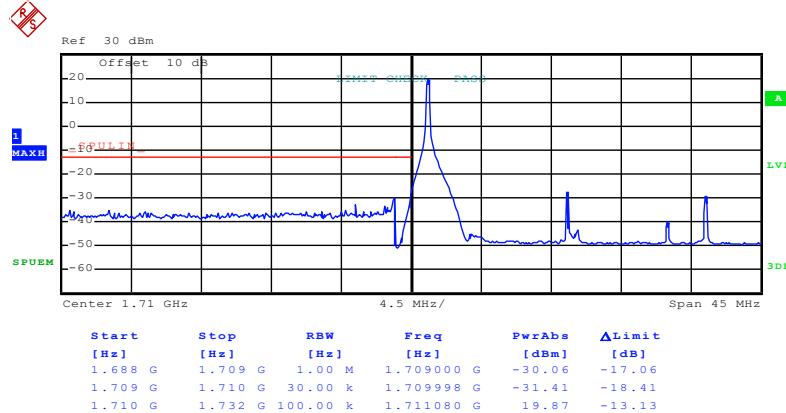


Date: 13.OCT.2015 15:45:47

Highest channel

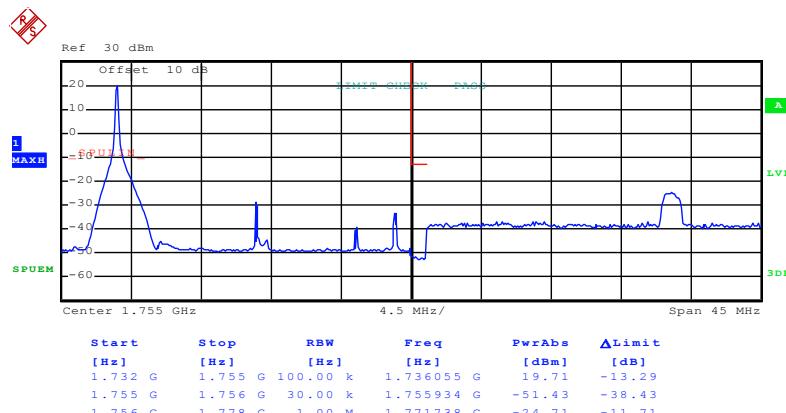
20MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 15:47:15

Lowest channel

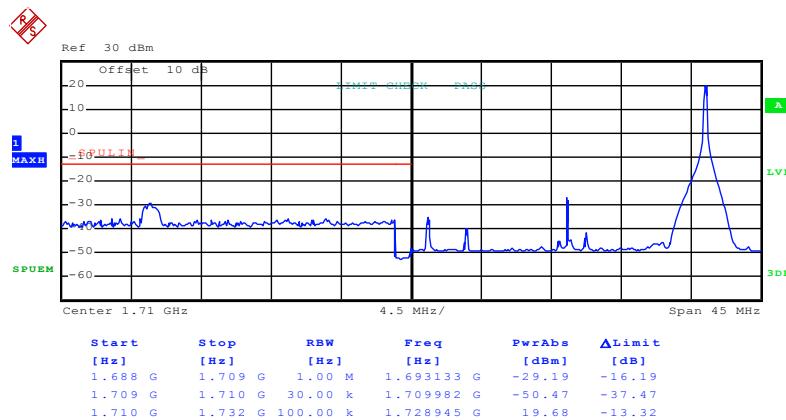


Date: 13.OCT.2015 15:52:07

Highest channel

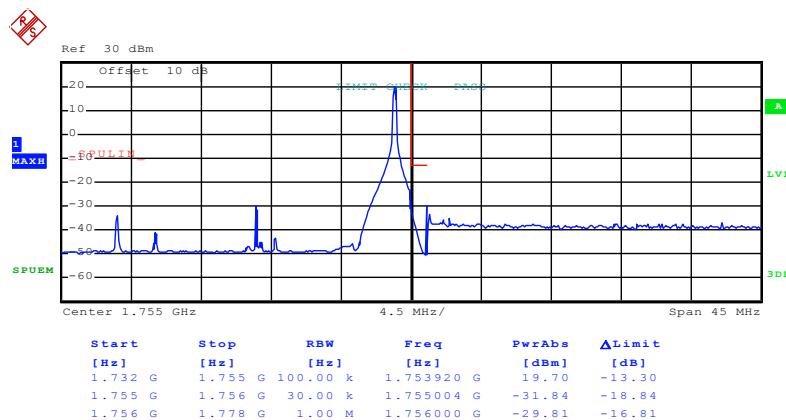
Test Mode:

LTE band 4(QPSK RB Size 1 & RB Offset 99)



Date: 13.OCT.2015 15:48:31

Lowest channel

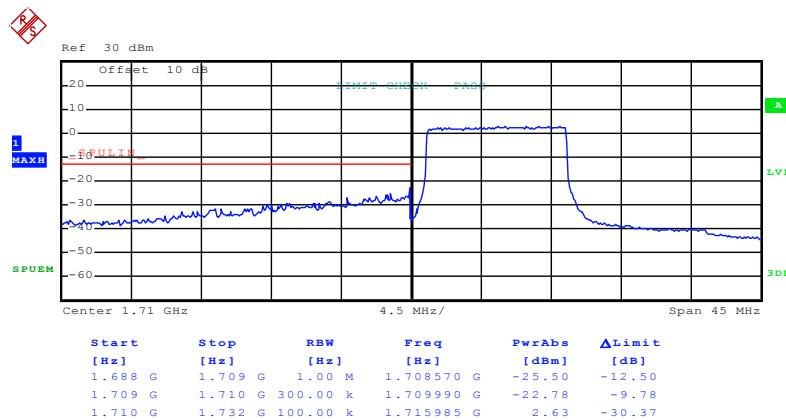


Date: 13.OCT.2015 15:52:44

Highest channel

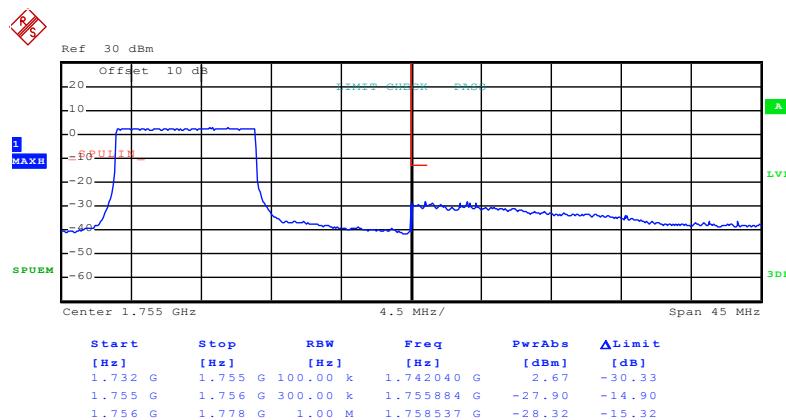
Test Mode:

LTE band 4(QPSK RB Size 50 & RB Offset 0)



Date: 13.OCT.2015 15:49:09

Lowest channel

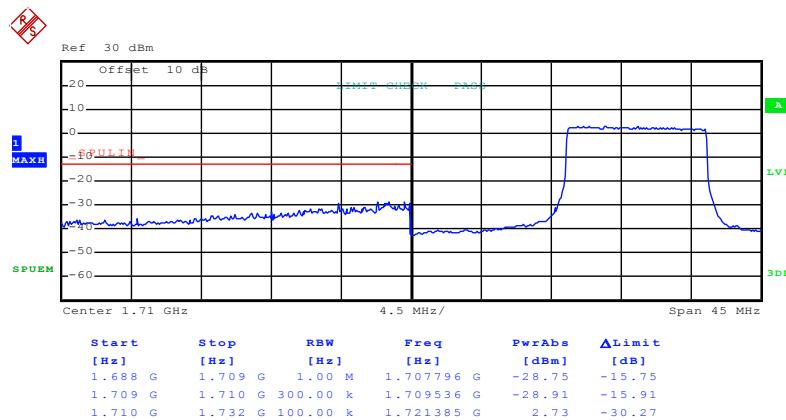


Date: 13.OCT.2015 15:53:14

Highest channel

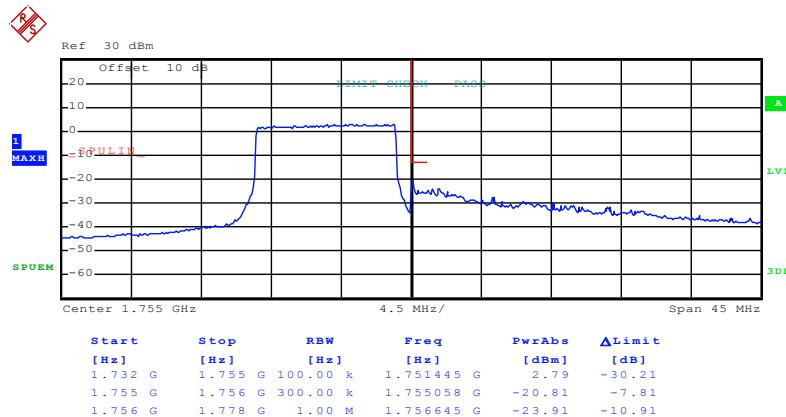
Test Mode:

LTE band 4(QPSK RB Size 50 & RB Offset 49)



Date: 13.OCT.2015 15:50:03

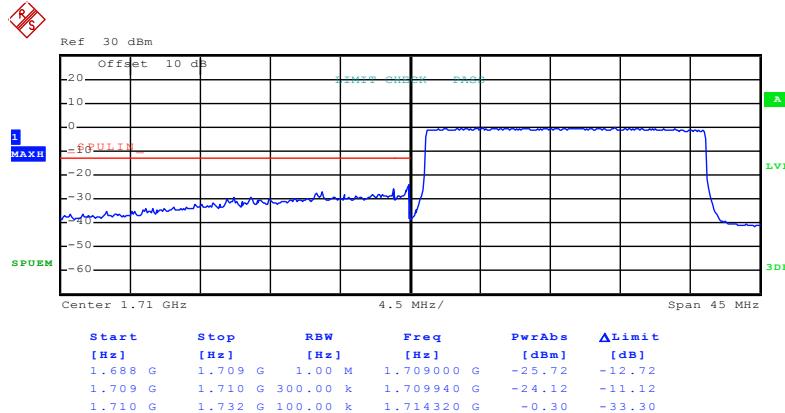
Lowest channel



Date: 13.OCT.2015 15:54:12

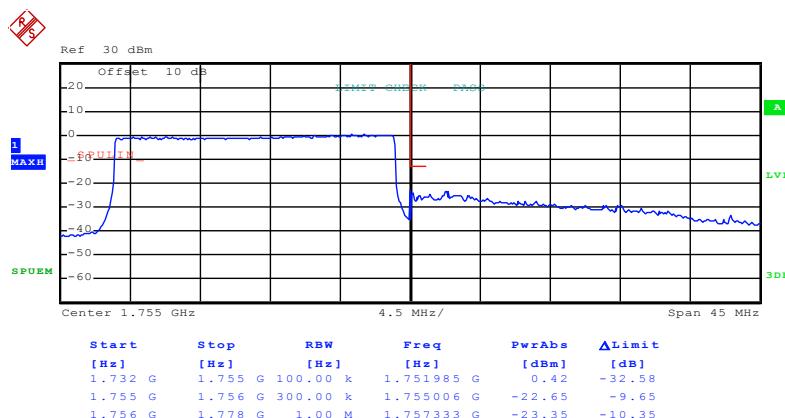
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 100 & RB Offset 0)
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Date: 13.OCT.2015 15:50:28

Lowest channel

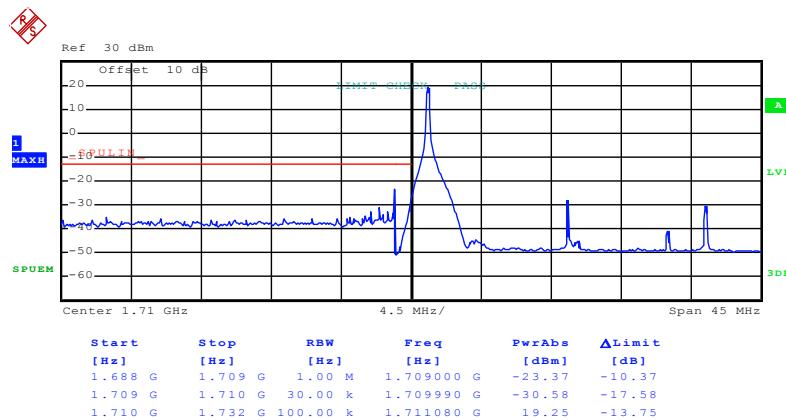


Date: 13.OCT.2015 15:54:36

Highest channel

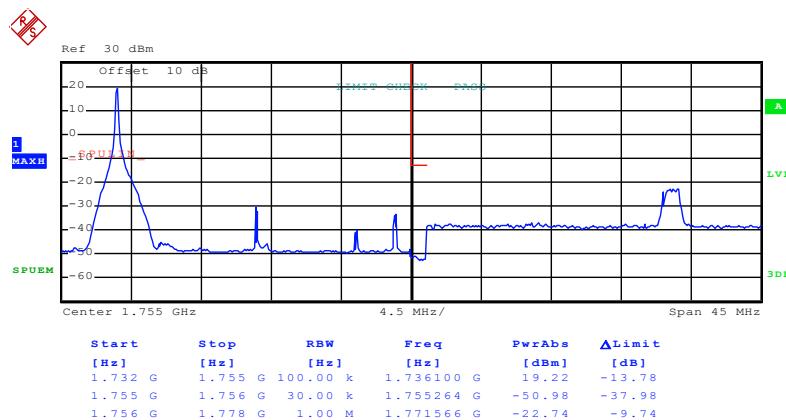
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 0)



Date: 13.OCT.2015 15:47:54

Lowest channel

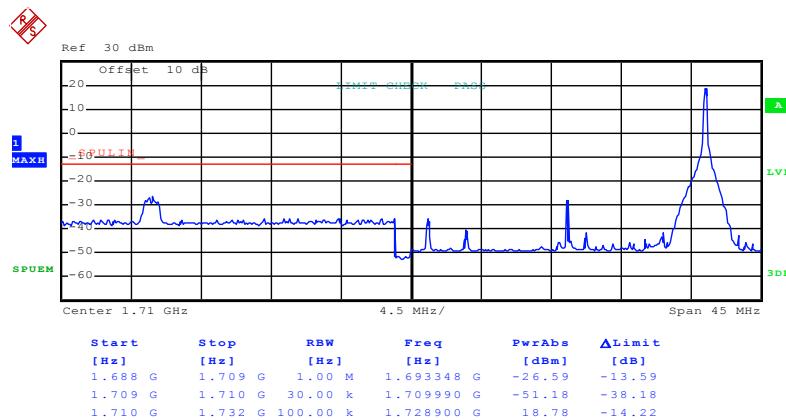


Date: 13.OCT.2015 15:51:49

Highest channel

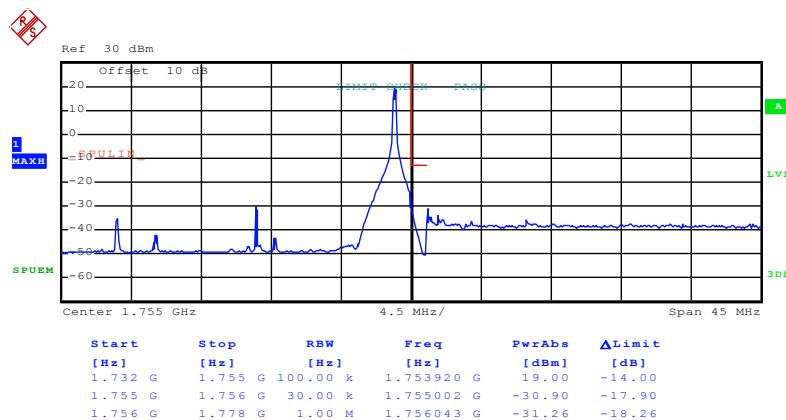
Test Mode:

LTE band 4(16QAM RB Size 1 & RB Offset 99)



Date: 13.OCT.2015 15:48:14

Lowest channel

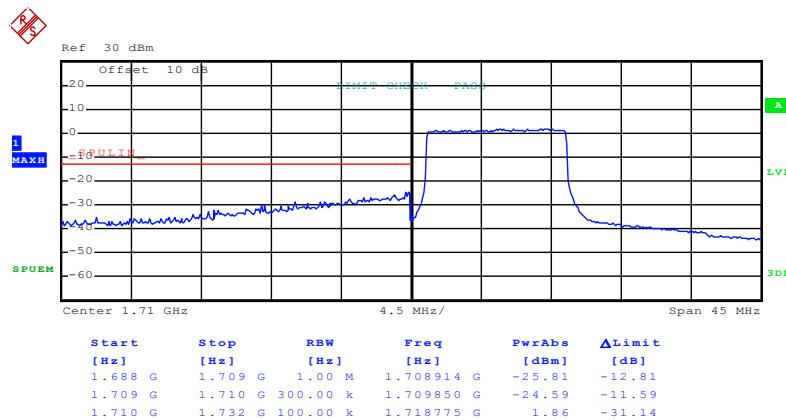


Date: 13.OCT.2015 15:52:31

Highest channel

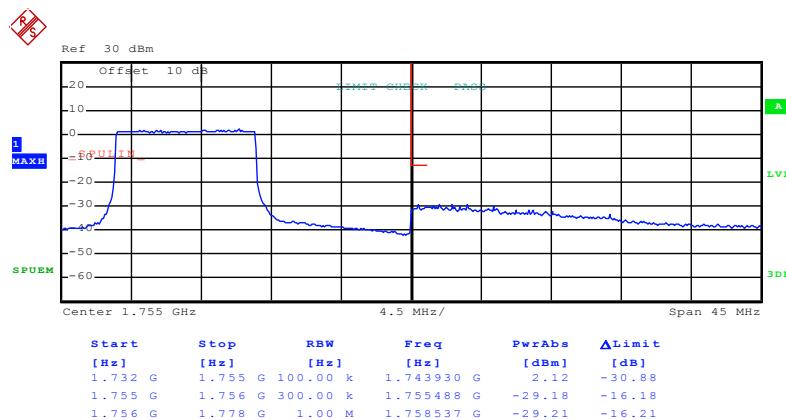
Test Mode:

LTE band 4(16QAM RB Size 50 & RB Offset 0)



Date: 13.OCT.2015 15:49:24

Lowest channel

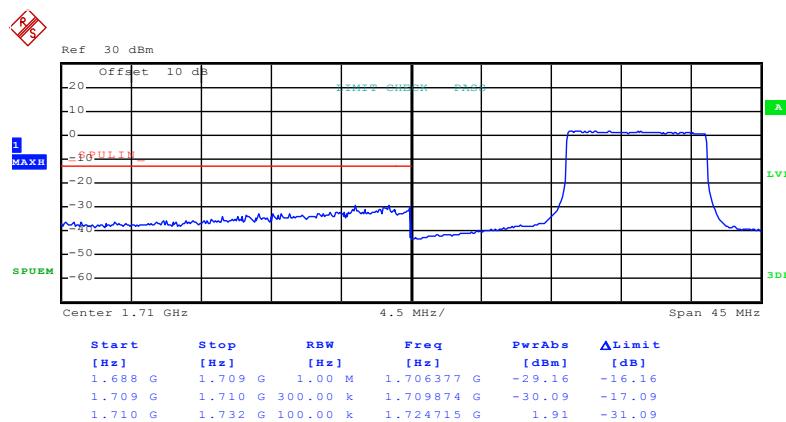


Date: 13.OCT.2015 15:53:36

Highest channel

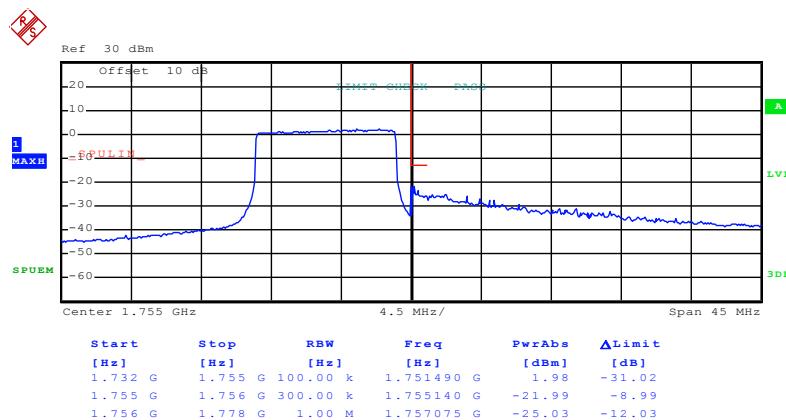
Test Mode:

LTE band 4(16QAM RB Size 50 & RB Offset 49)



Date: 13.OCT.2015 15:49:46

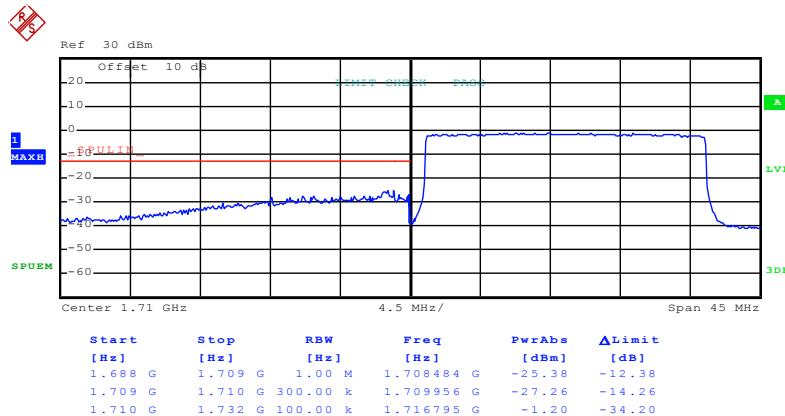
Lowest channel



Date: 13.OCT.2015 15:53:52

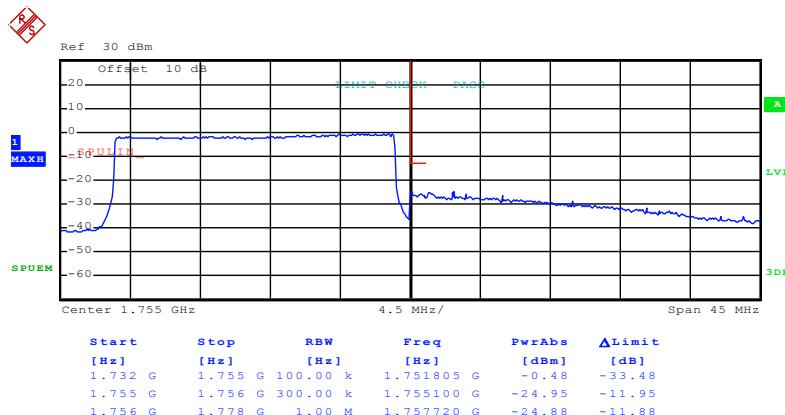
Highest channel

Test Mode:	LTE band 4(16QAM RB Size 100 & RB Offset 0)
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Date: 13.OCT.2015 15:50:44

Lowest channel



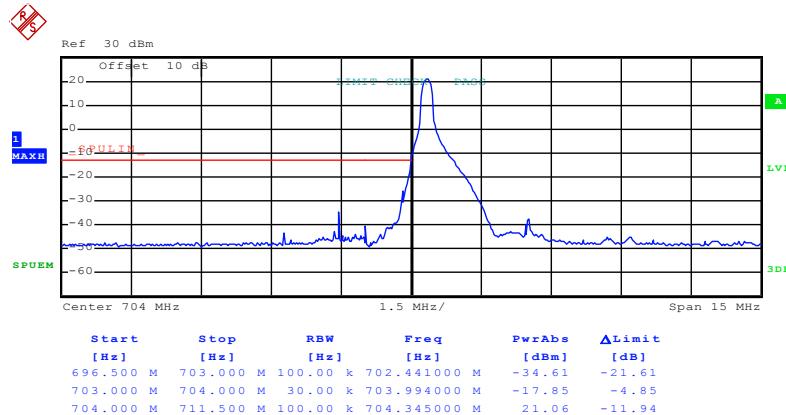
Date: 13.OCT.2015 15:54:49

Highest channel

LTE band 17 part:

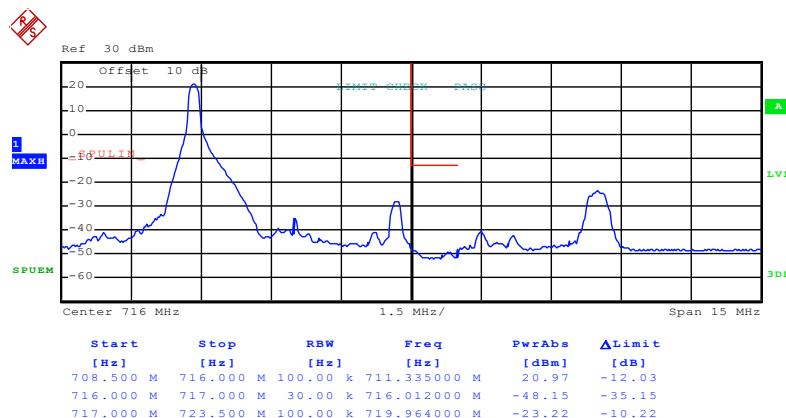
5MHz:

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 16:08:07

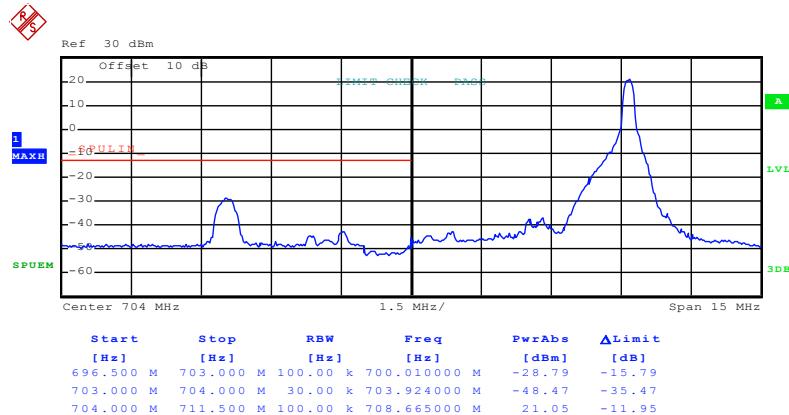
Lowest channel



Date: 13.OCT.2015 16:12:12

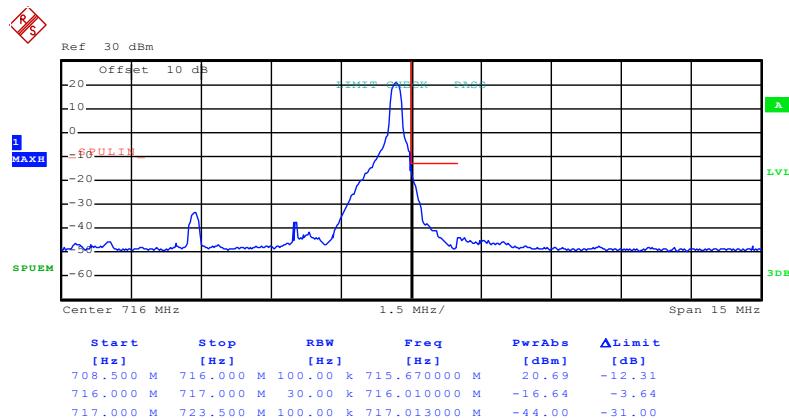
Highest channel

Test Mode:	LTE band 17(QPSK RB Size 1 & RB Offset 24)
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Date: 13.OCT.2015 16:08:50

Lowest channel

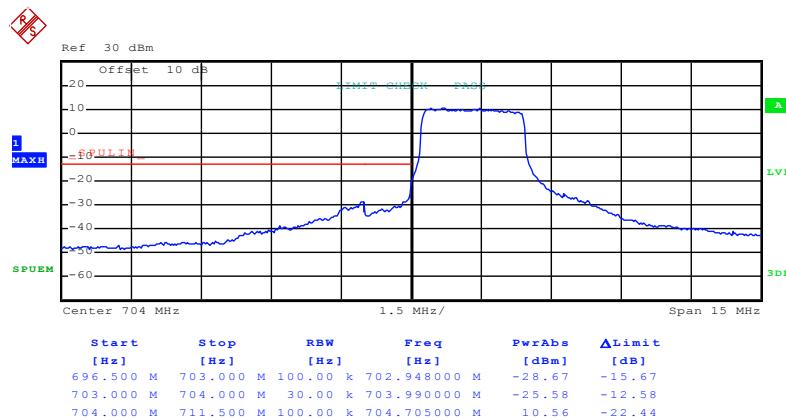


Date: 13.OCT.2015 16:12:53

Highest channel

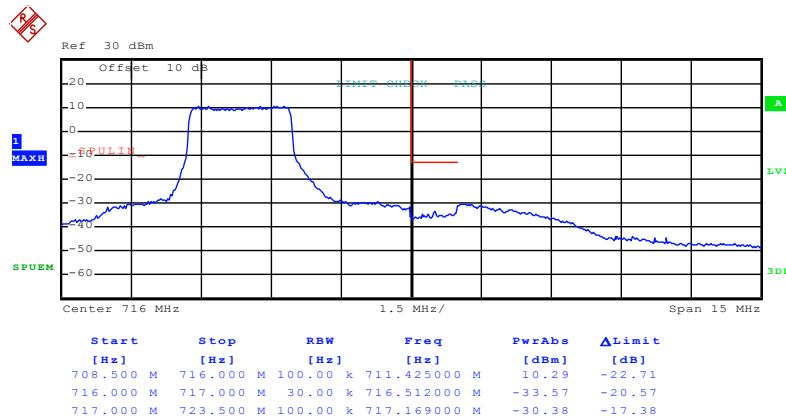
Test Mode:

LTE band 17(QPSK RB Size 12 & RB Offset 0)



Date: 13.OCT.2015 16:09:15

Lowest channel

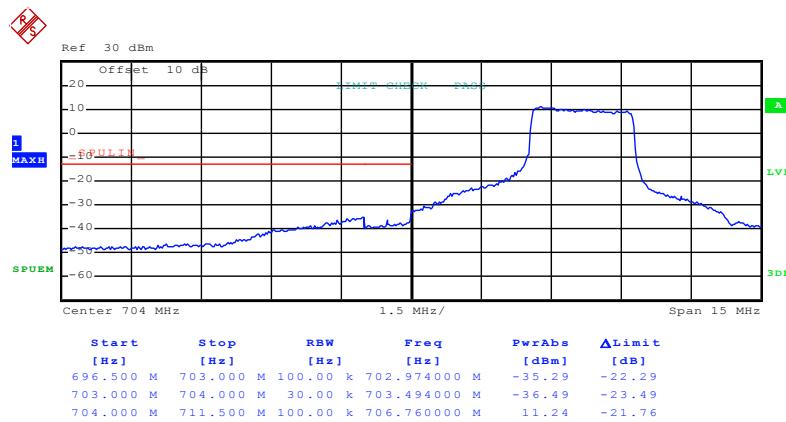


Date: 13.OCT.2015 16:13:14

Highest channel

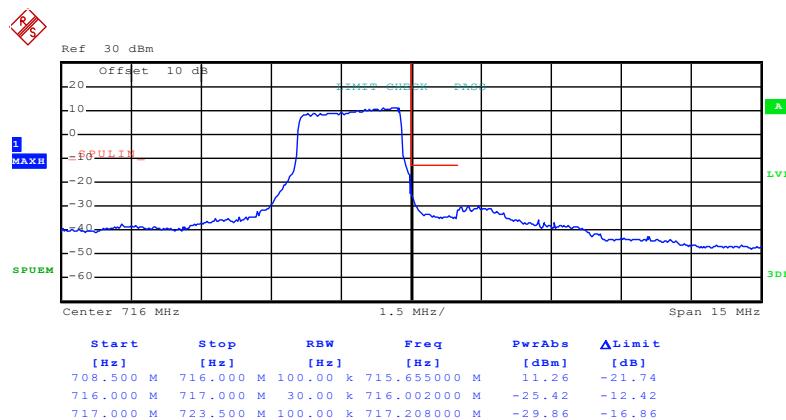
Test Mode:

LTE band 17(QPSK RB Size 12 & RB Offset 11)



Date: 13.OCT.2015 16:10:15

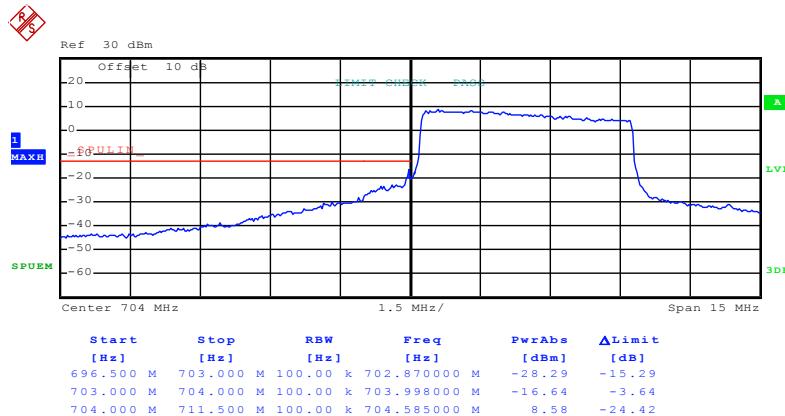
Lowest channel



Date: 13.OCT.2015 16:13:54

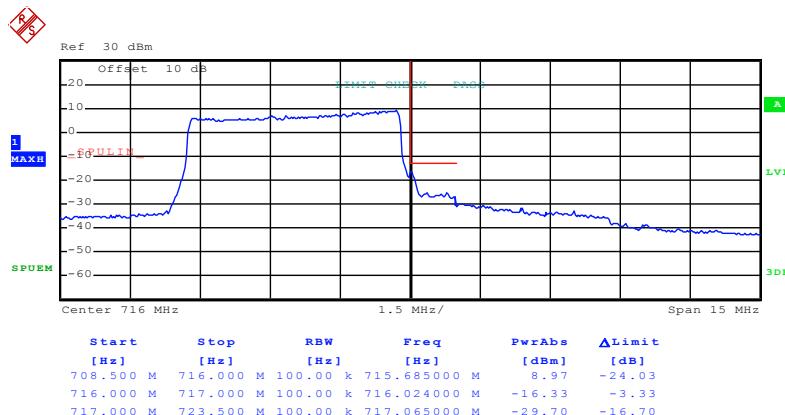
Highest channel

Test Mode:	LTE band 17(QPSK RB Size 25 & RB Offset 0)
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Date: 13.OCT.2015 16:10:55

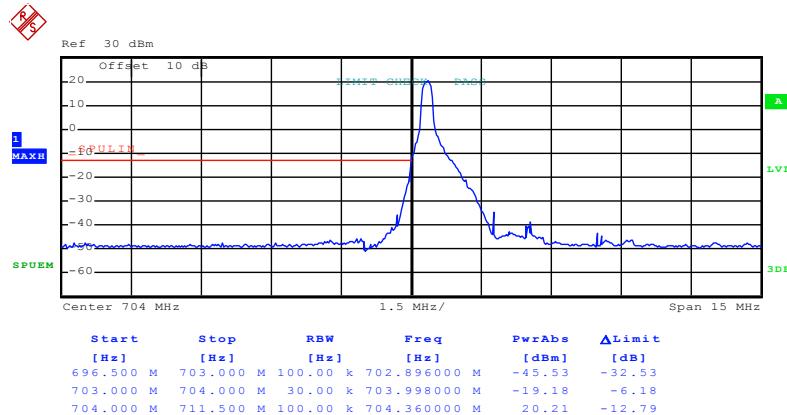
Lowest channel



Date: 13.OCT.2015 16:14:31

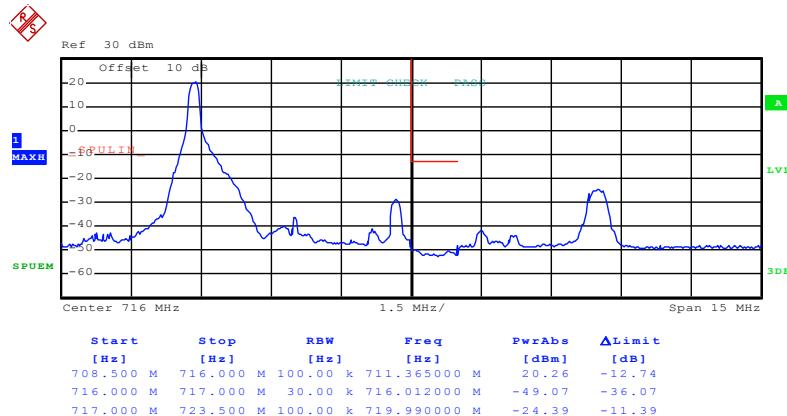
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 16:08:23

Lowest channel

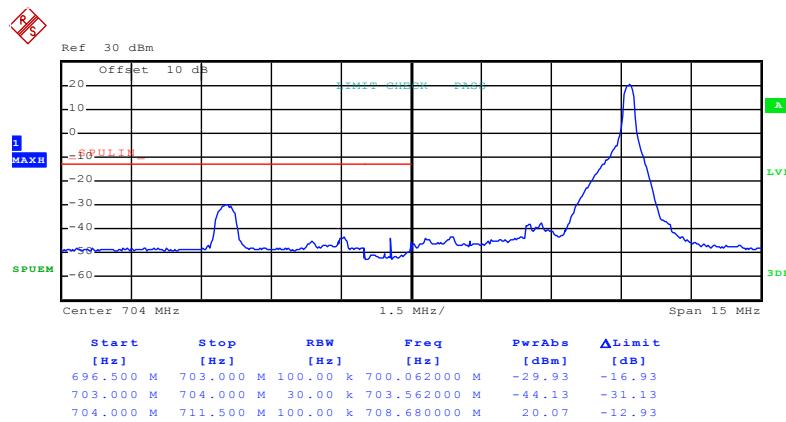


Date: 13.OCT.2015 16:12:26

Highest channel

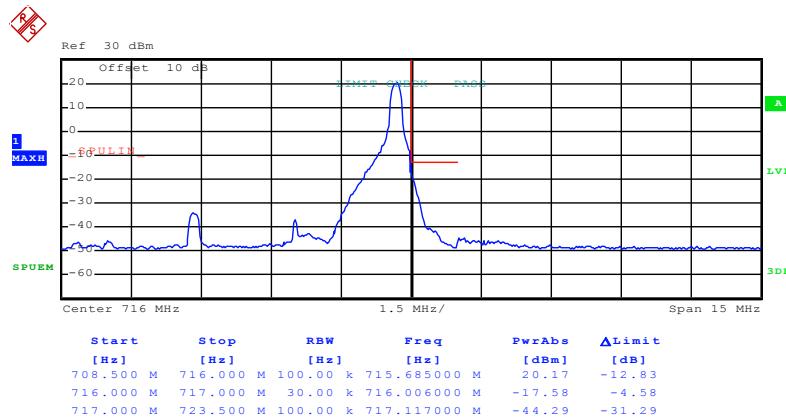
Test Mode:

LTE band 17(16QAM RB Size 1 & RB Offset 24)



Date: 13.OCT.2015 16:08:38

Lowest channel

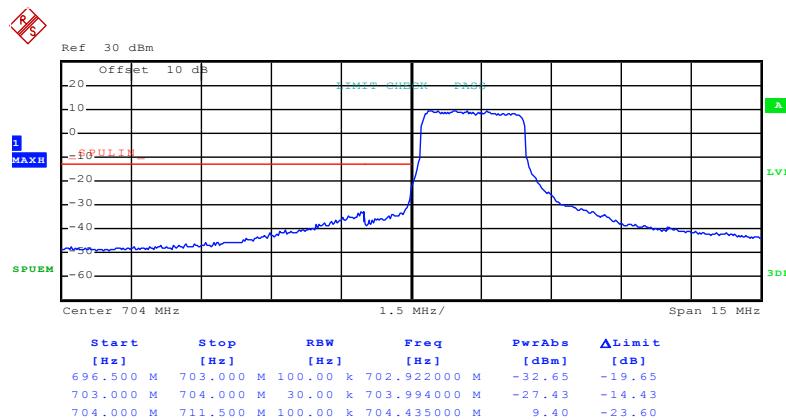


Date: 13.OCT.2015 16:12:42

Highest channel

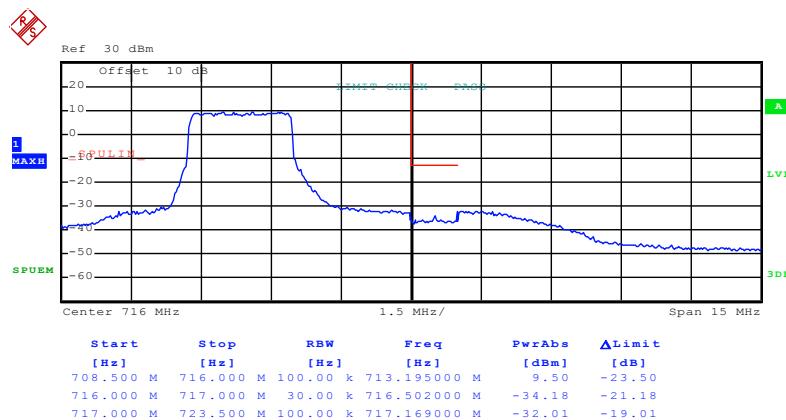
Test Mode:

LTE band 17(16QAM RB Size 12 & RB Offset 0)



Date: 13.OCT.2015 16:09:32

Lowest channel

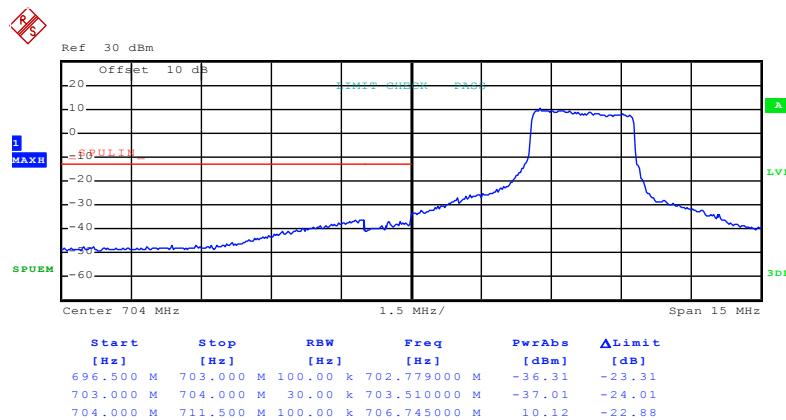


Date: 13.OCT.2015 16:13:27

Highest channel

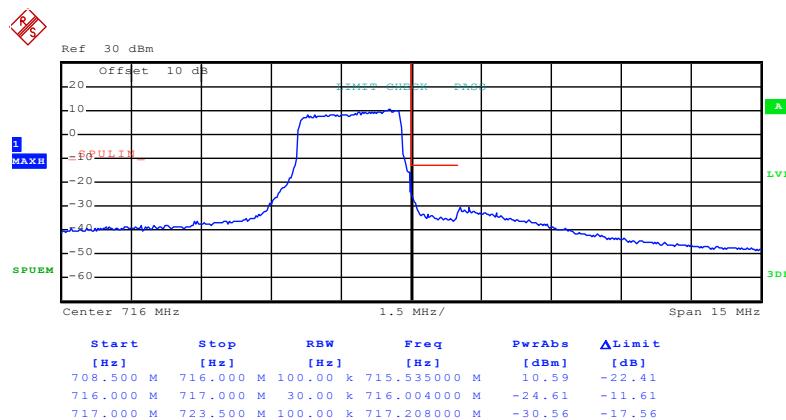
Test Mode:

LTE band 17(16QAM RB Size 12 & RB Offset 11)



Date: 13.OCT.2015 16:10:30

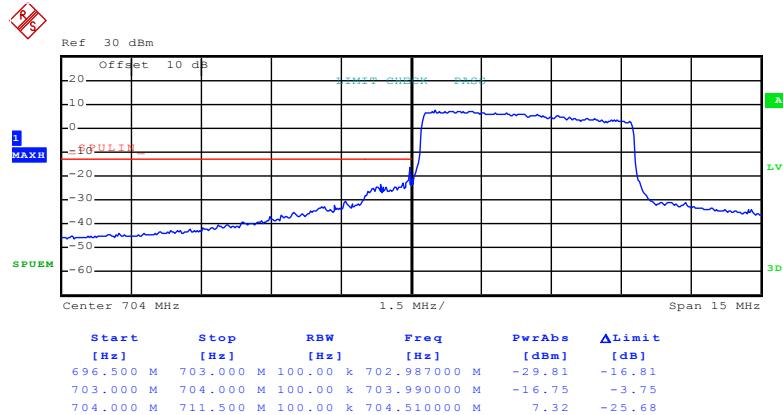
Lowest channel



Date: 13.OCT.2015 16:13:40

Highest channel

Test Mode:	LTE band 17(16QAM RB Size 25 & RB Offset 0)
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Date: 13.OCT.2015 16:11:07

Lowest channel



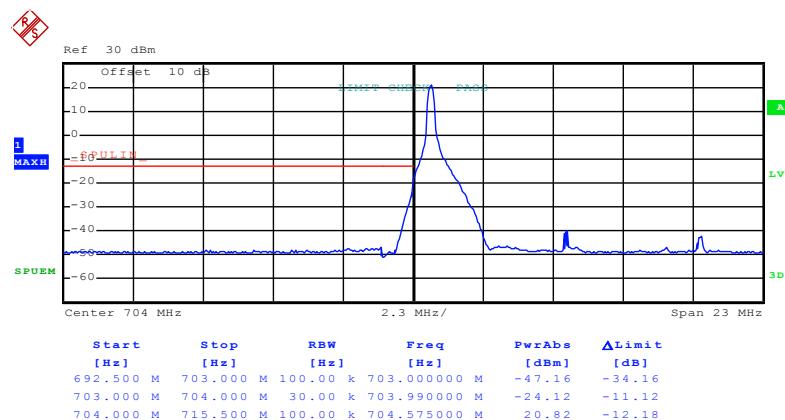
Date: 13.OCT.2015 16:14:45

Highest channel

10MHz:

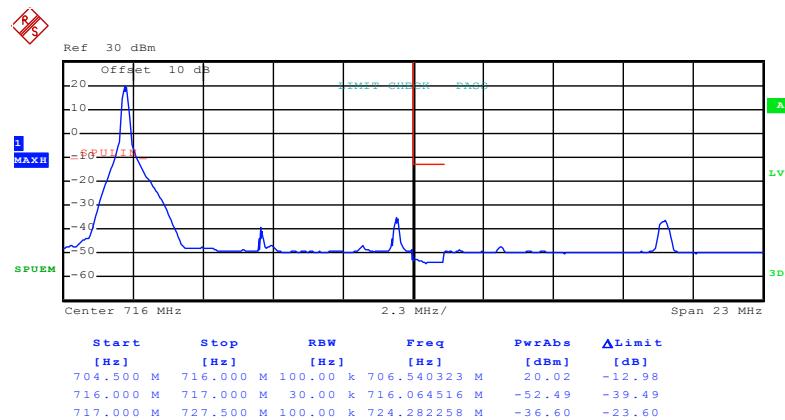
Test Mode:

LTE band 17(QPSK RB Size 1 & RB Offset 0)



Date: 13.OCT.2015 16:16:45

Lowest channel

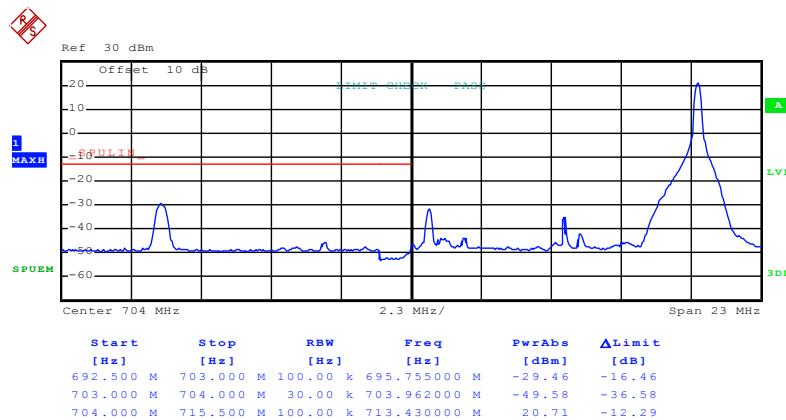


Date: 13.OCT.2015 16:22:17

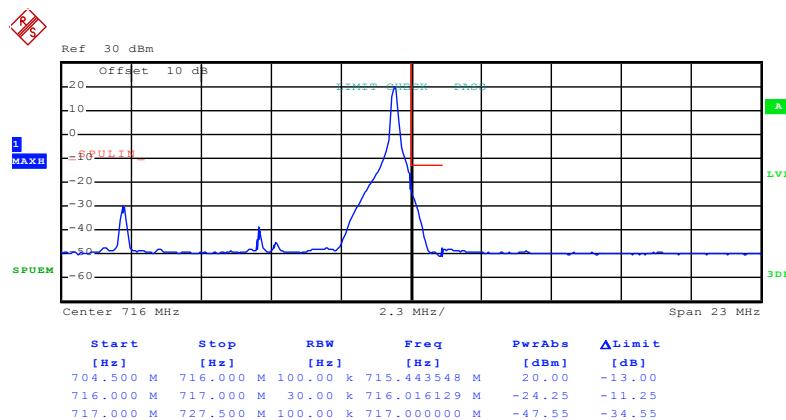
Highest channel

Test Mode:

LTE band 17(QPSK RB Size 1 & RB Offset 49)



Date: 13.OCT.2015 16:17:35

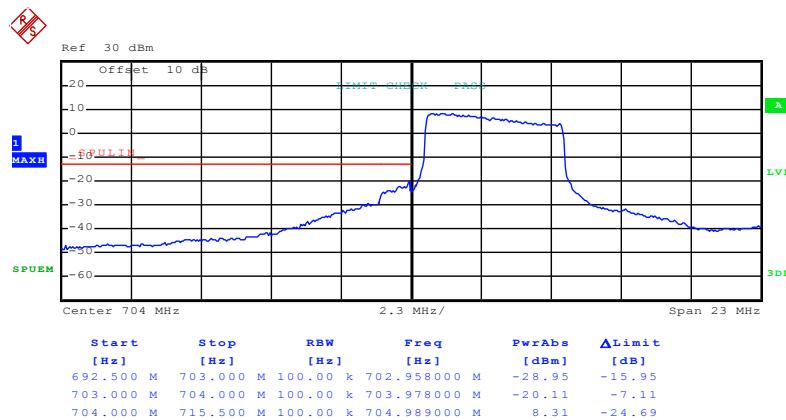
Lowest channel

Date: 13.OCT.2015 16:23:08

Highest channel

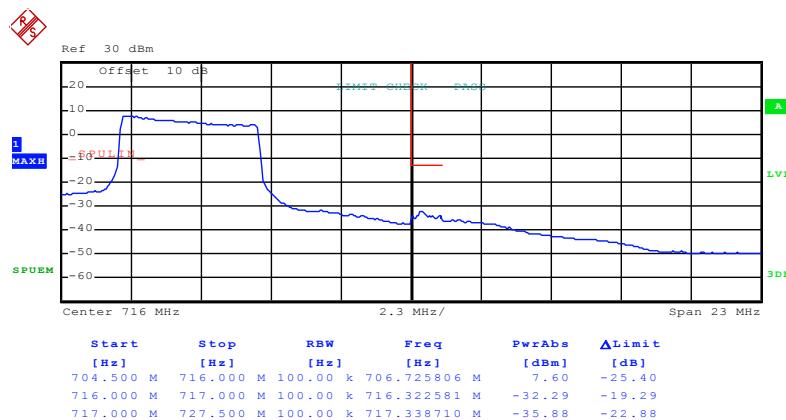
Test Mode:

LTE band 17(QPSK RB Size 25 & RB Offset 0)



Date: 13.OCT.2015 16:18:19

Lowest channel

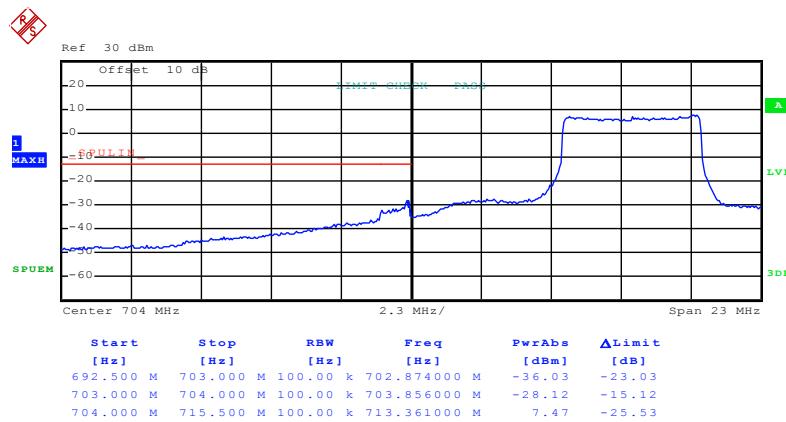


Date: 13.OCT.2015 16:23:36

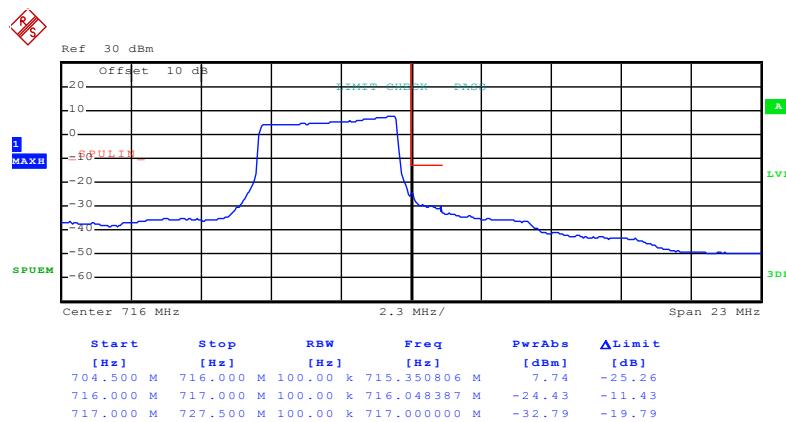
Highest channel

Test Mode:

LTE band 17(QPSK RB Size 25 & RB Offset 24)



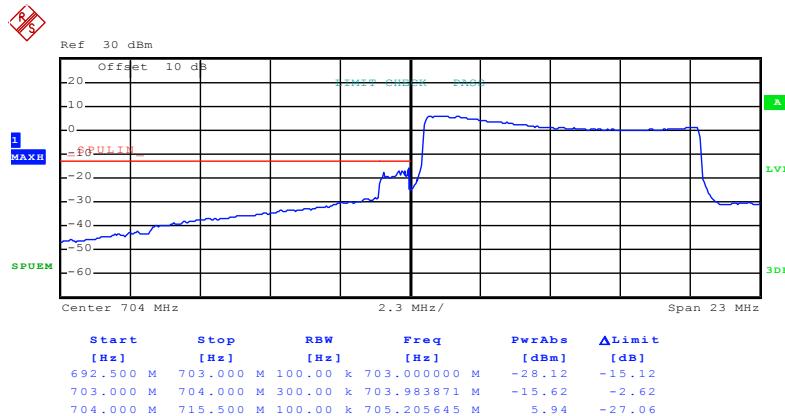
Date: 13.OCT.2015 16:20:11

Lowest channel

Date: 13.OCT.2015 16:24:16

Highest channel

Test Mode:	LTE band 17(QPSK RB Size 50 & RB Offset 0)
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Date: 13.OCT.2015 16:21:15

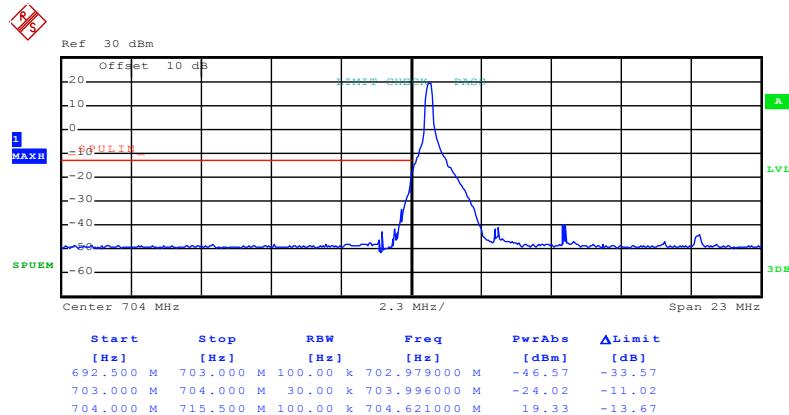
Lowest channel



Date: 13.OCT.2015 16:24:38

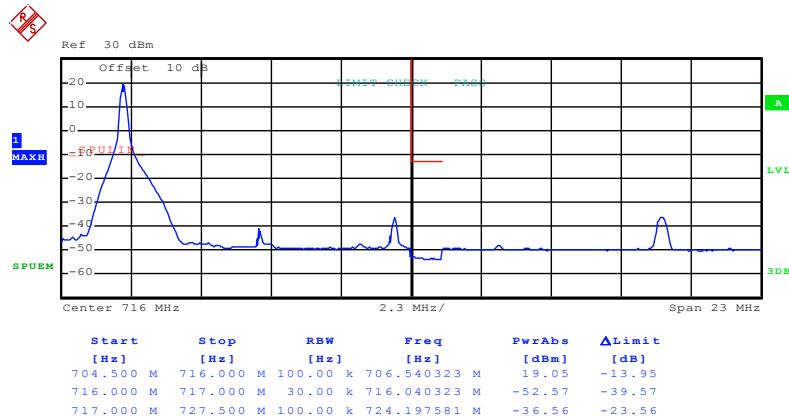
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 1 & RB Offset 0)
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Date: 13.OCT.2015 16:17:00

Lowest channel

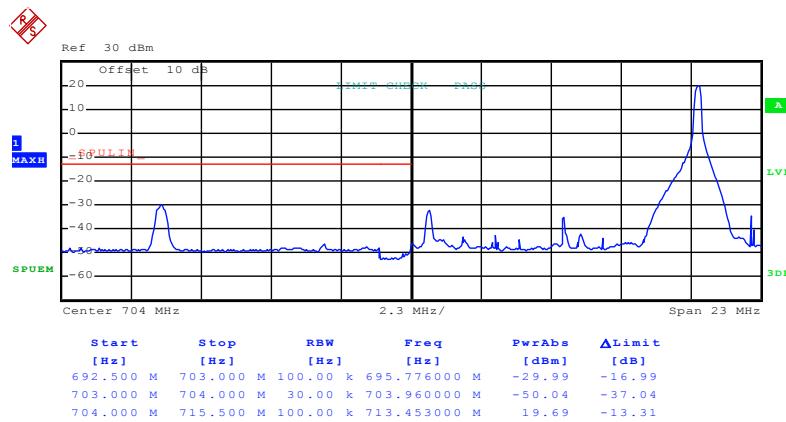


Date: 13.OCT.2015 16:22:32

Highest channel

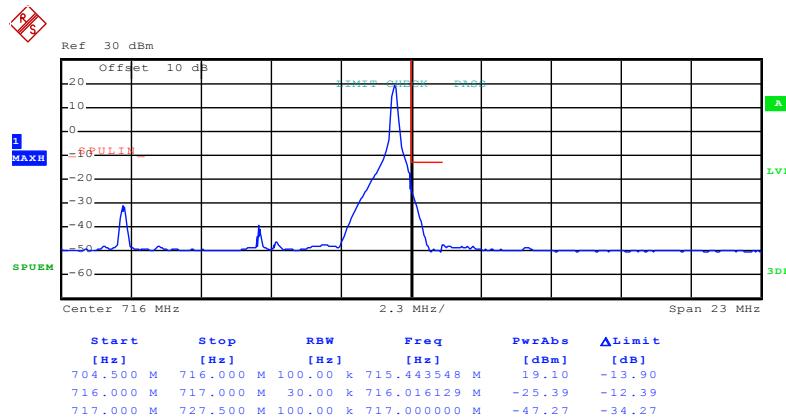
Test Mode:

LTE band 17(16QAM RB Size 1 & RB Offset 49)



Date: 13.OCT.2015 16:17:17

Lowest channel

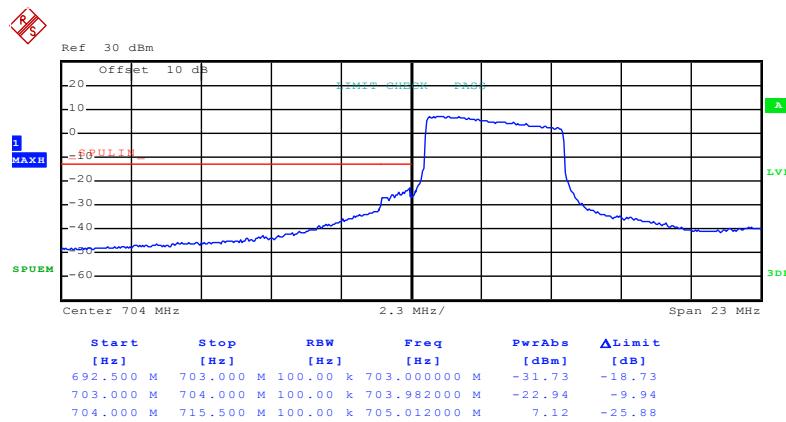


Date: 13.OCT.2015 16:22:55

Highest channel

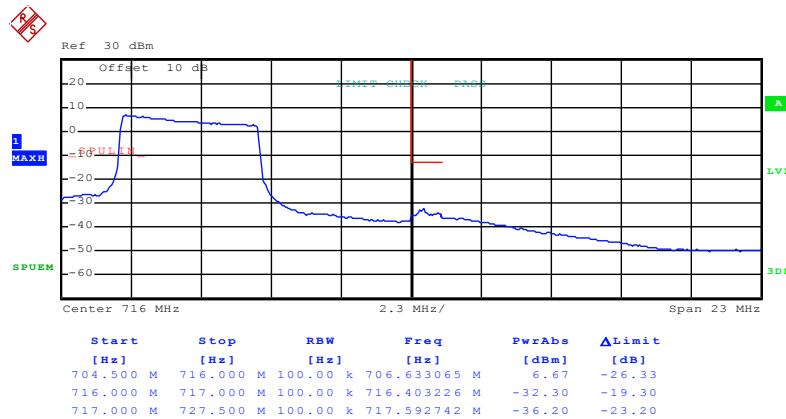
Test Mode:

LTE band 17(16QAM RB Size 25 & RB Offset 0)



Date: 13.OCT.2015 16:18:33

Lowest channel

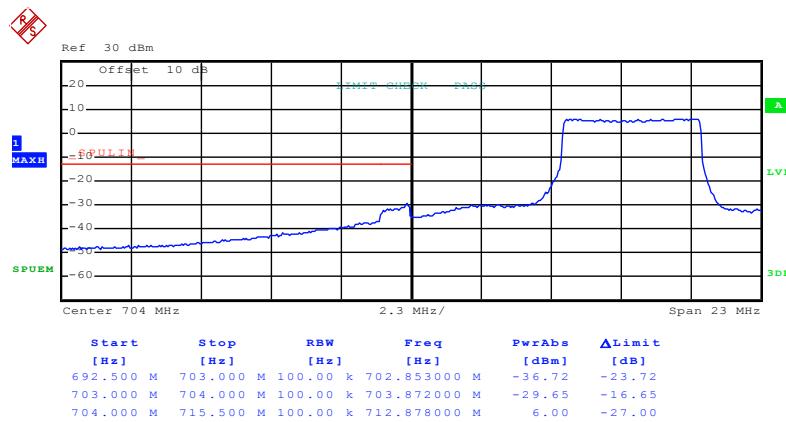


Date: 13.OCT.2015 16:23:49

Highest channel

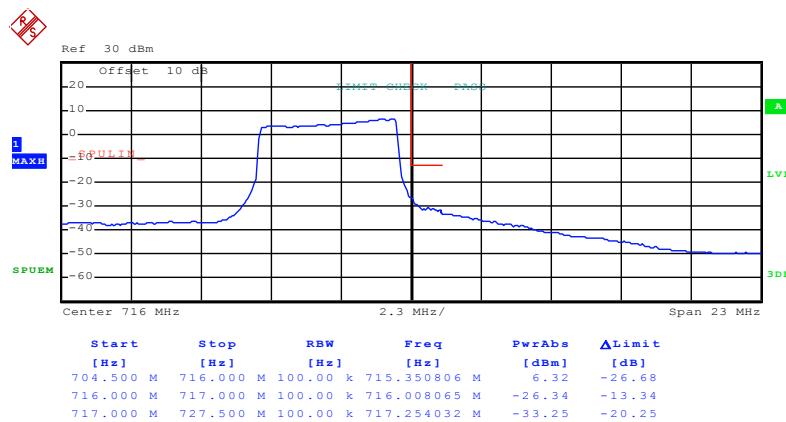
Test Mode:

LTE band 17(16QAM RB Size 25 & RB Offset 24)



Date: 13.OCT.2015 16:19:54

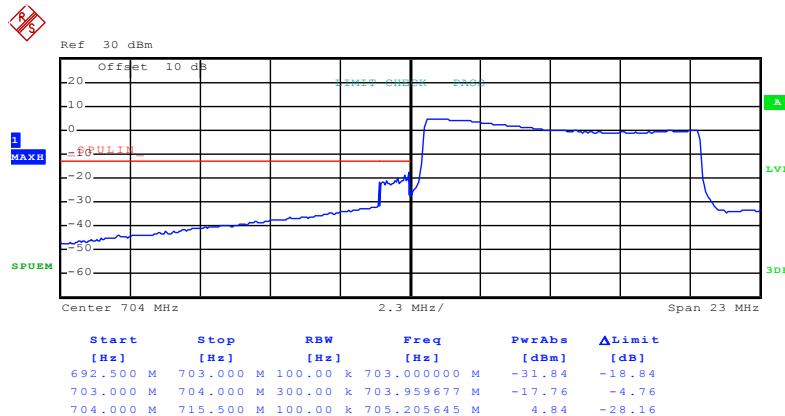
Lowest channel



Date: 13.OCT.2015 16:24:02

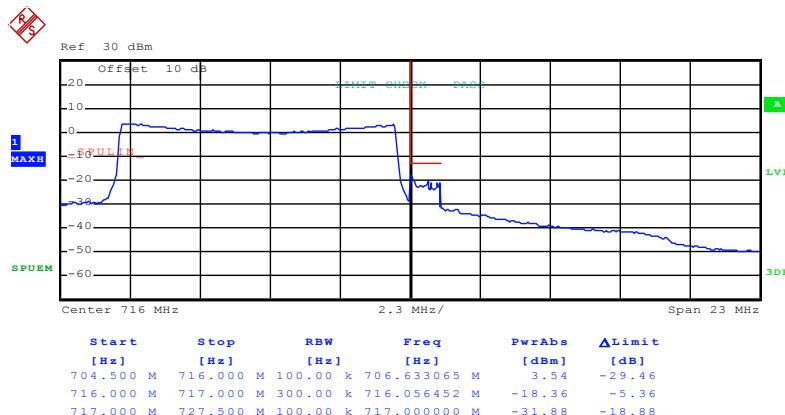
Highest channel

Test Mode:	LTE band 17(16QAM RB Size 50 & RB Offset 0)
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Date: 13.OCT.2015 16:21:28

Lowest channel



Date: 13.OCT.2015 16:24:50

Highest channel

6.10 ERP, EIRP Measurement

Test Requirement:	FCC part 24.232 (c), part 27.50(c) and part 27.50(h)
Test Method:	FCC part 2.1046
Limit:	LTE Band 2: 2W EIRP LTE Band 4: 1W EIRP LTE Band 17: 3W EIRP
Test setup:	<p>Below 1GHz</p> <p>Above 1GHz</p> <p>Substituted method:</p>

Test Procedure:	<ol style="list-style-type: none">1. The EUT was placed on a non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer.2. During the measurement, the EUT was communicating with the station. The highest emission was recorded with the rotation of the turntable and the lowering of the test antenna from 4m to 1m. The reading was recorded and the field strength (E in dBuV/m) was calculated.3. EIRP in frequency band 1850.7 –1909.3MHz, 1710.7-1754.3 MHz and 706.5-713.5 MHz were measured using a substitution method. The EUT was replaced by a horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: $\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable Loss (dB)}$4. The worse case was relating to the conducted output power.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed

Measurement Data (worst case)

LTE band 2 part**Lowest channel**

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	19.95	30.00	Pass
					H	19.28		
1850.70	18607	16QAM	1.4	H	V	19.87	30.00	Pass
					H	19.43		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	19.67	30.00	Pass
					H	19.41		
1850.70	18607	16QAM	1.4	H	V	19.90	30.00	Pass
					H	19.29		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	19.97	30.00	Pass
					H	18.65		
1850.70	18607	16QAM	1.4	H	V	19.86	30.00	Pass
					H	18.73		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	20.17	30.00	Pass
					H	21.27		
1880.00	18900	16QAM	1.4	H	V	20.26	30.00	Pass
					H	20.84		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	20.27	30.00	Pass
					H	20.89		
1880.00	18900	16QAM	1.4	H	V	20.44	30.00	Pass
					H	20.90		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.40	H	V	20.12	30.00	Pass
					H	20.60		
1880.00	18900	16QAM	1.40	H	V	20.18	30.00	Pass
					H	20.72		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	19.46	30.00	Pass
					H	19.38		
1909.30	19193	16QAM	1.4	H	V	18.43	30.00	Pass
					H	18.41		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	18.50	30.00	Pass
					H	18.23		
1909.30	19193	16QAM	1.4	H	V	18.91	30.00	Pass
					H	18.52		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	18.27	30.00	Pass
					H	18.18		
1909.30	19193	16QAM	1.4	H	V	18.13	30.00	Pass
					H	18.31		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	19.46	30.00	Pass
					H	19.57		
1860.00	18700	16QAM	20	H	V	18.25	30.00	Pass
					H	19.62		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	17.53	30.00	Pass
					H	18.39		
1860.00	18700	16QAM	20	H	V	18.95	30.00	Pass
					H	18.49		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	16.28	30.00	Pass
					H	15.85		
1860.00	18700	16QAM	20	H	V	16.64	30.00	Pass
					H	16.44		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	19.24	30.00	Pass
					H	19.47		
1880.00	18900	16QAM	20	H	V	19.32	30.00	Pass
					H	16.99		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	19.22	30.00	Pass
					H	19.88		
1880.00	18900	16QAM	20	H	V	19.33	30.00	Pass
					H	20.15		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	17.26	30.00	Pass
					H	17.95		
1880.00	18900	16QAM	20	H	V	17.78	30.00	Pass
					H	18.47		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	18.63	30.00	Pass
					H	19.08		
1900.00	19100	16QAM	20	H	V	18.89	30.00	Pass
					H	19.20		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	17.68	30.00	Pass
					H	17.87		
1900.00	19100	16QAM	20	H	V	17.61	30.00	Pass
					H	18.32		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	15.84	30.00	Pass
					H	15.9		
1900.00	19100	16QAM	20	H	V	15.86	30.00	Pass
					H	16.53		

LTE band 4 part**Lowest channel**

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.25	30.00	Pass
					H	17.15		
1710.70	19957	16QAM	1.4	H	V	19.64	30.00	Pass
					H	16.58		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	20.03	30.00	Pass
					H	16.90		
1710.70	19957	16QAM	1.4	H	V	19.83	30.00	Pass
					H	17.29		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	18.98	30.00	Pass
					H	16.73		
1710.70	19957	16QAM	1.4	H	V	19.20	30.00	Pass
					H	16.00		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1732.50	19957	QPSK	1.4	H	V	20.64	30.00	Pass
					H	17.24		
1732.50	19957	16QAM	1.4	H	V	20.49	30.00	Pass
					H	17.08		
1.4MHz(RB size 3 & RB offset 0)								
1732.50	19957	QPSK	1.4	H	V	20.42	30.00	Pass
					H	17.04		
1732.50	19957	16QAM	1.4	H	V	20.25	30.00	Pass
					H	17.00		
1.4MHz(RB size 6 & RB offset 0)								
1732.50	19957	QPSK	1.4	H	V	19.74	30.00	Pass
					H	16.86		
1732.50	19957	16QAM	1.4	H	V	19.01	30.00	Pass
					H	16.98		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
1.4MHz(RB size 1 & RB offset 0)								
1754.30	19957	QPSK	1.4	H	V	21.42	30.00	Pass
					H	18.67		
1754.30	19957	16QAM	1.4	H	V	18.66		
					H	18.46		
1.4MHz(RB size 3 & RB offset 0)								
1754.30	19957	QPSK	1.4	H	V	21.54	30.00	Pass
					H	18.42		
1754.30	19957	16QAM	1.4	H	V	18.72		
					H	18.43		
1.4MHz(RB size 6 & RB offset 0)								
1754.30	19957	QPSK	1.4	H	V	20.99	30.00	Pass
					H	18.20		
1754.30	19957	16QAM	1.4	H	V	20.72		
					H	17.47		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	20.88	30.00	Pass
					H	19.04		
1720.00	20050	16QAM	20	H	V	20.96		
					H	18.71		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	21.08	30.00	Pass
					H	18.87		
1720.00	20050	16QAM	20	H	V	21.20		
					H	19.11		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	19.30	30.00	Pass
					H	16.81		
1720.00	20050	16QAM	20	H	V	19.58		
					H	17.15		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	20.97	30.00	Pass
					H	18.63		
1732.50	20175	16QAM	20	H	V	21.65	30.00	Pass
					H	19.05		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	22.34	30.00	Pass
					H	17.87		
1732.50	20175	16QAM	20	H	V	20.66	30.00	Pass
					H	18.01		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	19.49	30.00	Pass
					H	16.94		
1732.50	20175	16QAM	20	H	V	19.53	30.00	Pass
					H	17.34		

High channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
20MHz(RB size 1 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	20.55	30.00	Pass
					H	17.99		
1745.00	20300	16QAM	20	H	V	17.81	30.00	Pass
					H	17.82		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	19.73	30.00	Pass
					H	17.04		
1745.00	20300	16QAM	20	H	V	19.91	30.00	Pass
					H	17.26		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	18.72	30.00	Pass
					H	15.98		
1745.00	20300	16QAM	20	H	V	19.22	30.00	Pass
					H	16.02		

**LTE band 17 part
Lowest channel**

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
706.50	23755	QPSK	5	H	V	13.36	30.00	Pass
					H	9.51		
706.50	23755	16QAM	5	H	V	13.17	30.00	Pass
					H	10.61		
5MHz(RB size 12 & RB offset 0)								
706.50	23755	QPSK	5	H	V	12.28	30.00	Pass
					H	9.51		
706.50	23755	16QAM	5	H	V	12.01	30.00	Pass
					H	9.43		
5MHz(RB size 25 & RB offset 0)								
706.50	23755	QPSK	5	H	V	11.29	30.00	Pass
					H	10.00		
706.50	23755	16QAM	5	H	V	13.22	30.00	Pass
					H	10.69		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	5	H	V	13.82	30.00	Pass
					H	10.24		
710.00	23790	16QAM	5	H	V	12.77	30.00	Pass
					H	10.24		
5MHz(RB size 12 & RB offset 0)								
710.00	23790	QPSK	5	H	V	12.24	30.00	Pass
					H	9.12		
710.00	23790	16QAM	5	H	V	11.45	30.00	Pass
					H	9.63		
5MHz(RB size 25 & RB offset 0)								
710.00	23790	QPSK	5	H	V	12.83	30.00	Pass
					H	12.83		
710.00	23790	16QAM	5	H	V	13.67	30.00	Pass
					H	10.78		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
713.50	23825	QPSK	5	H	V	14.59	30.00	Pass
					H	11.52		
713.50	23825	16QAM	5	H	V	13.61	30.00	Pass
					H	11.89		
5MHz(RB size 12 & RB offset 0)								
713.50	23825	QPSK	5	H	V	12.10	30.00	Pass
					H	10.15		
713.50	23825	16QAM	5	H	V	11.87	30.00	Pass
					H	9.02		
5MHz(RB size 25 & RB offset 0)								
713.50	23825	QPSK	5	H	V	12.79	30.00	Pass
					H	10.23		
713.50	23825	16QAM	5	H	V	13.35	30.00	Pass
					H	10.90		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
709.00	23780	QPSK	20	H	V	14.12	30.00	Pass
					H	10.50		
709.00	23780	16QAM	20	H	V	13.15	30.00	Pass
					H	11.27		
10MHz(RB size 25 & RB offset 0)								
709.00	23780	QPSK	20	H	V	13.17	30.00	Pass
					H	10.08		
709.00	23780	16QAM	20	H	V	12.91	30.00	Pass
					H	9.87		
10MHz(RB size 50 & RB offset 0)								
709.00	23780	QPSK	20	H	V	11.99	30.00	Pass
					H	9.41		
709.00	23780	16QAM	20	H	V	12.09	30.00	Pass
					H	9.52		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	20	H	V	13.85	30.00	Pass
					H	10.71		
710.00	23790	16QAM	20	H	V	13.48	30.00	Pass
					H	10.56		
10MHz(RB size 25 & RB offset 0)								
710.00	23790	QPSK	20	H	V	13.12	30.00	Pass
					H	10.40		
710.00	23790	16QAM	20	H	V	12.97	30.00	Pass
					H	10.32		
10MHz(RB size 50 & RB offset 0)								
710.00	23790	QPSK	20	H	V	12.71	30.00	Pass
					H	10.15		
710.00	23790	16QAM	20	H	V	12.54	30.00	Pass
					H	10.19		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	EIRP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
711.00	23800	QPSK	20	H	V	13.70	30.00	Pass
					H	10.81		
711.00	23800	16QAM	20	H	V	13.77	30.00	Pass
					H	10.38		
10MHz(RB size 25 & RB offset 0)								
711.00	23800	QPSK	20	H	V	13.21	30.00	Pass
					H	10.62		
711.00	23800	16QAM	20	H	V	13.07	30.00	Pass
					H	10.34		
10MHz(RB size 50 & RB offset 0)								
711.00	23800	QPSK	20	H	V	12.47	30.00	Pass
					H	10.14		
711.00	23800	16QAM	20	H	V	12.78	30.00	Pass
					H	10.09		

6.11 Field strength of spurious radiation measurement

Test Requirement:	FCC Part 24.238 (a), part 27.53(g) and part 27.53(m)
Test Method:	FCC part 2.1053
Limit:	LTE Band 2, LTE Band 4: -13dBm LTE Band 17: -25dBm
Test setup:	<p>Below 1GHz</p> <p>Above 1GHz</p>
Substituted method:	
Test Procedure:	<ol style="list-style-type: none"> The EUT was placed on a non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. During the tests, the antenna height and the EUT azimuth were varied in order to identify the maximum level of emissions from the EUT. This maximization process was repeated with the EUT positioned in each of its three orthogonal orientations. The frequency range up to tenth harmonic was investigated for each of three fundamental frequency (low, middle and high channels). Once spurious emission was identified, the power of the emission

	<p>was determined using the substitution method.</p> <p>4. The spurious emissions attenuation was calculated as the difference between radiated power at the fundamental frequency and the spurious emissions frequency.</p> $\text{ERP / EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details.
Test results:	Passed

Measurement Data (worst case)**Below 1GHz:**

The emission levels of below 1 GHz are 20 dB lower than the limit so not show in this report.

Above 1GHz

For above 1 GHz, all test modes were performed, and just the worst case shown in the report.

LTE band 2 part: 1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3701.40	Vertical	-47.20	-13.00	Pass
5552.10	V	-36.77		
3701.40	Horizontal	-48.32		
5552.10	H	-34.97		
Middle				
3760.00	Vertical	-45.61	-13.00	Pass
5640.00	V	-38.73		
3760.00	Horizontal	-46.70		
5640.00	H	-37.93		
Highest				
3816.60	Vertical	-45.58	-13.00	Pass
5724.90	V	-38.52		
3816.60	Horizontal	-46.11		
5724.90	H	-37.56		
3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3703.00	Vertical	-45.66	-13.00	Pass
5554.50	V	-35.77		
3703.00	Horizontal	-48.50		
5554.50	H	-36.93		
Middle				
3760.00	Vertical	-48.81	-13.00	Pass
5640.00	V	-39.83		
3760.00	Horizontal	-49.21		
5640.00	H	-38.93		
Highest				
3817.00	Vertical	-45.78	-13.00	Pass
5725.50	V	-35.42		
3817.00	Horizontal	-45.31		
5725.50	H	-35.01		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3705.00	Vertical	-47.54	-13.00	Pass
5557.50	V	-35.02		
3705.00	Horizontal	-46.79		
5557.50	H	-32.53		
Middle				
3760.00	Vertical	-47.19	-13.00	Pass
5640.00	V	-36.76		
3760.00	Horizontal	-46.90		
5640.00	H	-35.27		
Highest				
3815.00	Vertical	-44.08	-13.00	Pass
5722.50	V	-36.43		
3815.00	Horizontal	-45.51		
5722.50	H	-37.26		
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3710.00	Vertical	-45.90	-13.00	Pass
5565.00	V	-34.61		
3710.00	Horizontal	-49.81		
5565.00	H	-36.75		
Middle				
3760.00	Vertical	-44.23	-13.00	Pass
5640.00	V	-36.09		
3760.00	Horizontal	-44.59		
5640.00	H	-33.04		
Highest				
3810.00	Vertical	-44.23	-13.00	Pass
5715.00	V	-37.09		
3810.00	Horizontal	-45.36		
5715.00	H	-38.12		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3715.00	Vertical	-45.18	-13.00	Pass
5572.50	V	-35.67		
3715.00	Horizontal	-43.36		
5572.50	H	-35.92		
Middle				
3760.00	Vertical	-46.11	-13.00	Pass
5640.00	V	-36.95		
3760.00	Horizontal	-46.80		
5640.00	H	-32.86		
Highest				
3805.00	Vertical	-46.08	-13.00	Pass
5707.50	V	-36.67		
3805.00	Horizontal	-46.01		
5707.50	H	-35.87		
20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3720.00	Vertical	-50.07	-13.00	Pass
5580.00	V	-38.34		
3720.00	Horizontal	-47.43		
5580.00	H	-35.95		
Middle				
3760.00	Vertical	-45.93	-13.00	Pass
5640.00	V	-38.00		
3760.00	Horizontal	-45.70		
5640.00	H	-34.23		
Highest				
3800.00	Vertical	-49.72	-13.00	Pass
5700.00	V	-40.49		
3800.00	Horizontal	-48.16		
5700.00	H	-40.24		

LTE Band 4 Part:				
1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3421.40	Vertical	-43.39	-13.00	Pass
5132.10	V	-30.15		
3421.40	Horizontal	-45.24		
5132.10	H	-25.30		
Middle				
3465.00	Vertical	-41.85	-13.00	Pass
5197.50	V	-26.18		
3465.00	Horizontal	-43.17		
5197.50	H	-23.62		
Highest				
3508.60	Vertical	-44.07	-13.00	Pass
5262.90	V	-27.85		
3508.60	Horizontal	-41.99		
5262.90	H	-25.23		
3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3423.00	Vertical	-41.80	-13.00	Pass
5134.50	V	-25.47		
3423.00	Horizontal	-43.68		
5134.50	H	-25.93		
Middle				
3465.00	Vertical	-47.41	-13.00	Pass
5197.50	V	-18.96		
3465.00	Horizontal	-42.93		
5197.50	H	-25.47		
Highest				
3507.00	Vertical	-42.69	-13.00	Pass
5260.50	V	-25.31		
3507.00	Horizontal	-39.37		
5260.50	H	-26.86		

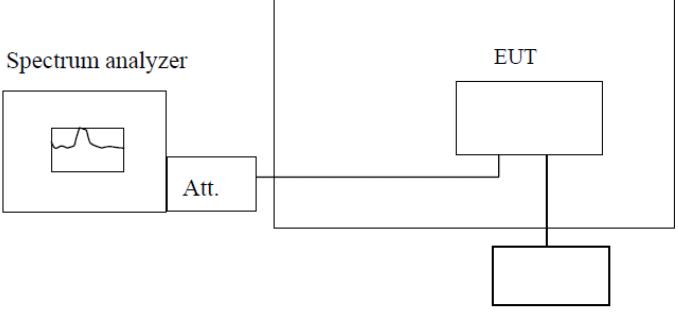
5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3425.00	Vertical	-40.82	-13.00	Pass
5137.50	V	-26.30		
3425.00	Horizontal	-42.14		
5137.50	H	-25.68		
Middle				
3465.00	Vertical	-45.70	-13.00	Pass
5197.50	V	-26.99		
3465.00	Horizontal	-44.77		
5197.50	H	-25.83		
Highest				
3505.00	Vertical	-41.63	-13.00	Pass
5257.50	V	-25.85		
3505.00	Horizontal	-40.85		
5257.50	H	-23.49		
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3430.00	Vertical	-41.35	-13.00	Pass
5145.00	V	-24.72		
3430.00	Horizontal	-43.54		
5145.00	H	-26.84		
Middle				
3465.00	Vertical	-44.39	-13.00	Pass
5197.50	V	-27.50		
3465.00	Horizontal	-40.97		
5197.50	H	-28.07		
Highest				
3500.00	Vertical	-41.52	-13.00	Pass
5250.00	V	-25.20		
3500.00	Horizontal	-39.28		
5250.00	H	-21.13		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3435.00	Vertical	-40.05	-13.00	Pass
5152.50	V	-23.81		
3435.00	Horizontal	-43.40		
5152.50	H	-23.67		
Middle				
3465.00	Vertical	-45.50	-13.00	Pass
5197.50	V	-26.84		
3465.00	Horizontal	-45.26		
5197.50	H	-25.90		
Highest				
3495.00	Vertical	-41.91	-13.00	Pass
5242.50	V	-21.92		
3495.00	Horizontal	-42.71		
5242.50	H	-22.91		
20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3440.00	Vertical	-45.23	-13.00	Pass
5160.00	V	-24.17		
3440.00	Horizontal	-43.47		
5160.00	H	-21.80		
Middle				
3465.00	Vertical	-44.44	-13.00	Pass
5197.50	V	-29.00		
3465.00	Horizontal	-45.69		
5197.50	H	-30.01		
Highest				
3490.00	Vertical	-39.39	-13.00	Pass
5235.00	V	-22.67		
3490.00	Horizontal	-39.41		
5235.00	H	-24.72		

LTE Band 17 Part:

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1413.00	Vertical	-56.34	-13.00	Pass
2119.50	V	-54.13		
1413.00	Horizontal	-57.01		
2119.50	H	-55.96		
Middle				
1420.00	Vertical	-57.46	-13.00	Pass
2130.00	V	-55.56		
1420.00	Horizontal	-57.14		
2130.00	H	-55.37		
Highest				
1427.00	Vertical	-57.11	-13.00	Pass
2140.50	V	-53.91		
1427.00	Horizontal	-57.03		
2140.50	H	-55.36		
10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1418.00	Vertical	-57.71	-13.00	Pass
2127.00	V	-54.39		
1418.00	Horizontal	-56.69		
2127.00	H	-54.38		
Middle				
1420.00	Vertical	-57.69	-13.00	Pass
2130.00	V	-52.56		
1420.00	Horizontal	-57.82		
2130.00	H	-54.47		
Highest				
1422.00	Vertical	-56.68	-13.00	Pass
2133.00	V	-53.34		
1422.00	Horizontal	-57.64		
2133.00	H	-54.05		

6.12 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part 2.1055(a)(1)(b)
Test Method:	FCC Part 2.1055(a)(1)(b)
Limit:	±2.5 ppm
Test setup:	<p style="text-align: right;">Temperature Chamber</p>  <p style="text-align: center;">Note : Measurement setup for testing on Antenna connector</p>
Test procedure:	<ol style="list-style-type: none"> 1. The equipment under test was connected to an external DC power supply and input rated voltage. 2. RF output was connected to a frequency counter or spectrum analyzer via feed through attenuators. 3. The EUT was placed inside the temperature chamber. 4. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and measure EUT 25°C operating frequency as reference frequency. 5. Turn EUT off and set the chamber temperature to -30°C. After the temperature stabilized for approximately 30 minutes recorded the frequency. 6. Repeat step measure with 10°C increased per stage until the highest temperature of +50°C reached
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details
Test results:	Passed
Remark:	All three channels of all modulations have been tested, but only the worst channel and the worst modulation show in this test item.

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	186	0.098936	±2.5	Pass
	-20	152	0.080851		
	-10	132	0.070213		
	0	165	0.087766		
	10	140	0.074468		
	20	105	0.055851		
	30	122	0.064894		
	40	163	0.086702		
	50	152	0.080851		
	Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz				
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	120	0.063830	±2.5	Pass
	-20	175	0.093085		
	-10	126	0.067021		
	0	105	0.055851		
	10	98	0.052128		
	20	104	0.055319		
	30	146	0.077660		
	40	128	0.068085		
	50	126	0.067021		
	Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz				
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	107	0.056915	±2.5	Pass
	-20	163	0.086702		
	-10	102	0.054255		
	0	109	0.057979		
	10	124	0.065957		
	20	140	0.074468		
	30	145	0.077128		
	40	108	0.057447		
	50	95	0.050532		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	162	0.086170	±2.5	Pass
	-20	105	0.055851		
	-10	141	0.075000		
	0	107	0.056915		
	10	103	0.054787		
	20	126	0.067021		
	30	127	0.067553		
	40	95	0.050532		
	50	85	0.045213		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	106	0.056383	±2.5	Pass
	-20	47	0.025000		
	-10	109	0.057979		
	0	166	0.088298		
	10	135	0.071809		
	20	125	0.066489		
	30	108	0.057447		
	40	104	0.055319		
	50	102	0.054255		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	133	0.070745	±2.5	Pass
	-20	152	0.080851		
	-10	104	0.055319		
	0	110	0.058511		
	10	115	0.061170		
	20	102	0.054255		
	30	108	0.057447		
	40	117	0.062234		
	50	126	0.067021		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	104	0.055319	±2.5	Pass
	-20	150	0.079787		
	-10	136	0.072340		
	0	105	0.055851		
	10	102	0.054255		
	20	140	0.074468		
	30	125	0.066489		
	40	128	0.068085		
	50	99	0.052660		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	123	0.065426	±2.5	Pass
	-20	140	0.074468		
	-10	125	0.066489		
	0	128	0.068085		
	10	119	0.063298		
	20	109	0.057979		
	30	95	0.050532		
	40	87	0.046277		
	50	106	0.056383		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	141	0.075000	±2.5	Pass
	-20	125	0.066489		
	-10	126	0.067021		
	0	122	0.064894		
	10	105	0.055851		
	20	103	0.054787		
	30	59	0.031383		
	40	107	0.056915		
	50	128	0.068085		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	99	0.052660	±2.5	Pass
	-20	87	0.046277		
	-10	104	0.055319		
	0	140	0.074468		
	10	132	0.070213		
	20	105	0.055851		
	30	106	0.056383		
	40	118	0.062766		
	50	116	0.061702		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	103	0.054787	±2.5	Pass
	-20	126	0.067021		
	-10	135	0.071809		
	0	105	0.055851		
	10	120	0.063830		
	20	124	0.065957		
	30	105	0.055851		
	40	118	0.062766		
	50	104	0.055319		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	108	0.057447	±2.5	Pass
	-20	95	0.050532		
	-10	163	0.086702		
	0	152	0.080851		
	10	104	0.055319		
	20	105	0.055851		
	30	75	0.039894		
	40	80	0.042553		
	50	101	0.053723		

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	188	0.108514	±2.5	Pass
	-20	163	0.094084		
	-10	125	0.072150		
	0	104	0.060029		
	10	152	0.087734		
	20	105	0.060606		
	30	144	0.083117		
	40	126	0.072727		
	50	130	0.075036		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	105	0.060606	±2.5	Pass
	-20	142	0.081962		
	-10	163	0.094084		
	0	108	0.062338		
	10	114	0.065801		
	20	152	0.087734		
	30	126	0.072727		
	40	89	0.051371		
	50	86	0.049639		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	123	0.070996	±2.5	Pass
	-20	105	0.060606		
	-10	122	0.070418		
	0	108	0.062338		
	10	107	0.061760		
	20	96	0.055411		
	30	93	0.053680		
	40	105	0.060606		
	50	106	0.061183		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	96	0.055411	±2.5	Pass
	-20	107	0.061760		
	-10	85	0.049062		
	0	88	0.050794		
	10	106	0.061183		
	20	112	0.064646		
	30	113	0.065224		
	40	107	0.061760		
	50	106	0.061183		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	99	0.057143	±2.5	Pass
	-20	108	0.062338		
	-10	106	0.061183		
	0	58	0.033478		
	10	85	0.049062		
	20	74	0.042713		
	30	106	0.061183		
	40	123	0.070996		
	50	109	0.062915		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	163	0.094084	±2.5	Pass
	-20	105	0.060606		
	-10	124	0.071573		
	0	158	0.091198		
	10	125	0.072150		
	20	102	0.058874		
	30	103	0.059452		
	40	116	0.066955		
	50	124	0.071573		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	126	0.072727	±2.5	Pass
	-20	155	0.089466		
	-10	142	0.081962		
	0	136	0.078499		
	10	105	0.060606		
	20	128	0.073882		
	30	126	0.072727		
	40	107	0.061760		
	50	96	0.055411		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	126	0.072727	±2.5	Pass
	-20	103	0.059452		
	-10	104	0.060029		
	0	115	0.066378		
	10	128	0.073882		
	20	106	0.061183		
	30	152	0.087734		
	40	117	0.067532		
	50	95	0.054834		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	141	0.081385	±2.5	Pass
	-20	105	0.060606		
	-10	102	0.058874		
	0	85	0.049062		
	10	106	0.061183		
	20	107	0.061760		
	30	126	0.072727		
	40	123	0.070996		
	50	121	0.069841		

Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	88	0.050794	±2.5	Pass
	-20	106	0.061183		
	-10	104	0.060029		
	0	89	0.051371		
	10	87	0.050216		
	20	108	0.062338		
	30	119	0.068687		
	40	125	0.072150		
	50	102	0.058874		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	136	0.078499	±2.5	Pass
	-20	104	0.060029		
	-10	111	0.064069		
	0	108	0.062338		
	10	105	0.060606		
	20	95	0.054834		
	30	94	0.054257		
	40	102	0.058874		
	50	106	0.061183		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	125	0.072150	±2.5	Pass
	-20	104	0.060029		
	-10	125	0.072150		
	0	95	0.054834		
	10	98	0.056566		
	20	106	0.061183		
	30	103	0.059452		
	40	105	0.060606		
	50	114	0.065801		

LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	163	0.229577	±2.5	Pass
	-20	168	0.236620		
	-10	104	0.146479		
	0	122	0.171831		
	10	125	0.176056		
	20	109	0.153521		
	30	97	0.136620		
	40	85	0.119718		
	50	108	0.152113		

Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz

Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	104	0.146479	±2.5	Pass
	-20	115	0.161972		
	-10	119	0.167606		
	0	95	0.133803		
	10	108	0.152113		
	20	104	0.146479		
	30	106	0.149296		
	40	103	0.145070		
	50	122	0.171831		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	160	0.225352	±2.5	Pass
	-20	124	0.174648		
	-10	152	0.214085		
	0	122	0.171831		
	10	124	0.174648		
	20	105	0.147887		
	30	108	0.152113		
	40	109	0.153521		
	50	112	0.157746		

Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz

Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	133	0.187324	±2.5	Pass
	-20	105	0.147887		
	-10	118	0.166197		
	0	95	0.133803		
	10	85	0.119718		
	20	88	0.123944		
	30	104	0.146479		
	40	114	0.160563		
	50	126	0.177465		

6.13 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part 2.1055(d)(1)(2)
Test Method:	FCC Part 2.1055(d)(1)(2)
Limit:	2.5ppm
Test setup:	<p style="text-align: center;">Temperature Chamber</p> <p>Note : Measurement setup for testing on Antenna connector</p>
Test procedure:	<ol style="list-style-type: none"> 1. Set chamber temperature to 25°C. Use a variable DC power source to power the EUT and set the voltage to rated voltage. 2. Set the spectrum analyzer RBW low enough to obtain the desired frequency resolution and recorded the frequency. 3. Reduce the input voltage to specify extreme voltage variation (+/- 15%) and endpoint, record the maximum frequency change.
Test Instruments:	Refer to section 5.8 for details
Test mode:	Refer to section 5.3 for details, and all channels have been tested, only shows the worst channel data in this report.
Test results:	Passed

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	96	0.051064	±2.5	Pass
	3.80	81	0.043085		
	3.23	58	0.030851		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	87	0.046277	±2.5	Pass
	3.80	85	0.045213		
	3.23	96	0.051064		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	61	0.032447	±2.5	Pass
	3.80	52	0.027660		
	3.23	108	0.057447		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	104	0.055319	±2.5	Pass
	3.80	65	0.034574		
	3.23	49	0.026064		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	99	0.052660	±2.5	Pass
	3.80	107	0.056915		
	3.23	52	0.027660		
Reference Frequency: LTE Band 2(20MHz) Middle channel=20175 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	46	0.024468	±2.5	Pass
	3.80	87	0.046277		
	3.23	77	0.040957		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	105	0.055851	±2.5	Pass
	3.80	99	0.052660		
	3.23	58	0.030851		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	67	0.035638	±2.5	Pass
	3.80	84	0.044681		
	3.23	91	0.048404		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	85	0.045213	±2.5	Pass
	3.80	96	0.051064		
	3.23	35	0.018617		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.039362	±2.5	Pass
	3.80	85	0.045213		
	3.23	95	0.050532		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	85	0.045213	±2.5	Pass
	3.80	74	0.039362		
	3.23	96	0.051064		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	99	0.052660	±2.5	Pass
	3.80	68	0.036170		
	3.23	104	0.055319		

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	66	0.038095	±2.5	Pass
	3.80	127	0.073304		
	3.23	88	0.050794		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	99	0.057143	±2.5	Pass
	3.80	85	0.049062		
	3.23	74	0.042713		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	66	0.038095	±2.5	Pass
	3.80	38	0.021934		
	3.23	49	0.028283		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	58	0.033478	±2.5	Pass
	3.80	84	0.048485		
	3.23	102	0.058874		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	96	0.055411	±2.5	Pass
	3.80	85	0.049062		
	3.23	84	0.048485		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	75	0.043290	±2.5	Pass
	3.80	48	0.027706		
	3.23	44	0.025397		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	103	0.059452	±2.5	Pass
	3.80	122	0.070418		
	3.23	96	0.055411		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	97	0.055988	±2.5	Pass
	3.80	88	0.050794		
	3.23	85	0.049062		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	99	0.057143	±2.5	Pass
	3.80	101	0.058297		
	3.23	74	0.042713		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	63	0.036364	±2.5	Pass
	3.80	85	0.049062		
	3.23	74	0.042713		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	95	0.054834	±2.5	Pass
	3.80	52	0.030014		
	3.23	82	0.047330		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	47	0.027128	±2.5	Pass
	3.80	101	0.058297		
	3.23	99	0.057143		

LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	130	0.183099	±2.5	Pass
	3.80	124	0.174648		
	3.23	55	0.077465		

Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	96	0.135211	±2.5	Pass
	3.80	85	0.119718		
	3.23	74	0.104225		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	77	0.108451	±2.5	Pass
	3.80	87	0.122535		
	3.23	55	0.077465		

Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	105	0.147887	±2.5	Pass
	3.80	58	0.081690		
	3.23	84	0.118310		