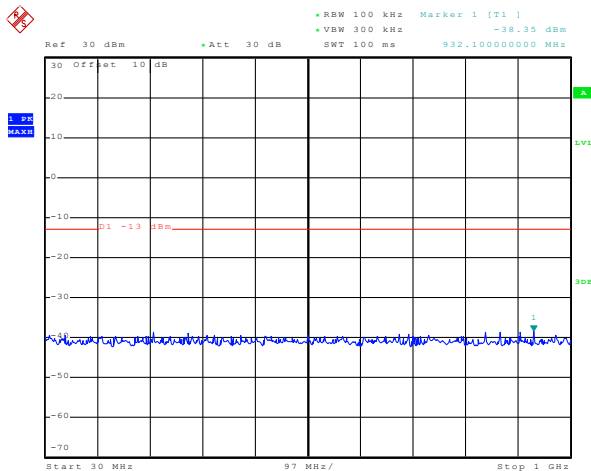
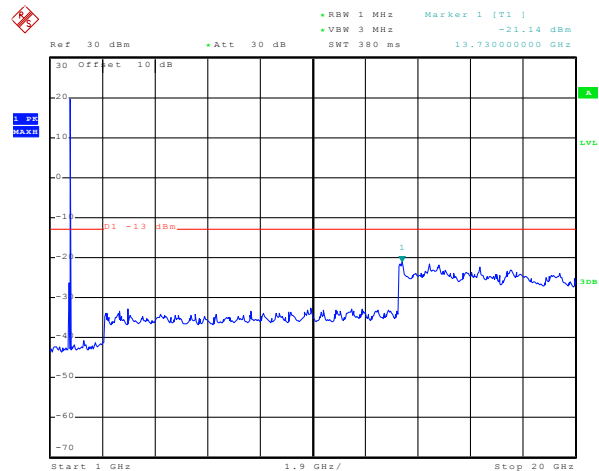


Test Mode:	LTE band 4(10MHz 16QAM) RB Size 25& RB Offset 0	Test Channel:	Middle channel
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Date: 26.NOV.2015 23:41:22

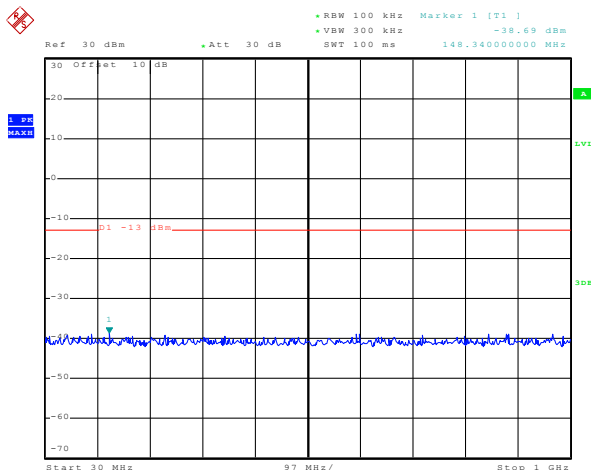
30MHz~1GHz



Date: 26.NOV.2015 23:44:56

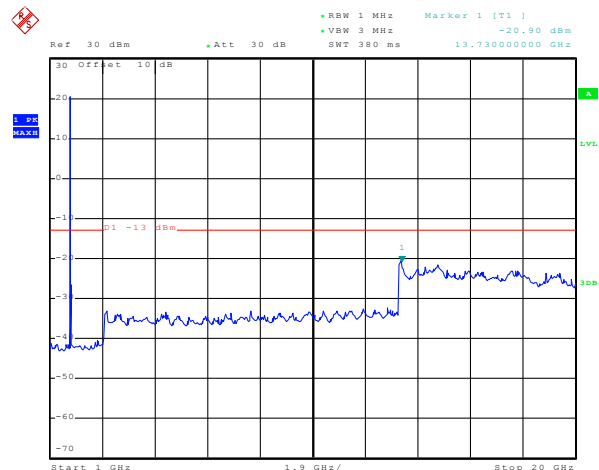
1GHz~20GHz

Test Mode:	LTE band 4(10MHz 16QAM) RB Size 25& RB Offset 0	Test Channel:	Highest channel
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Date: 26.NOV.2015 23:51:08

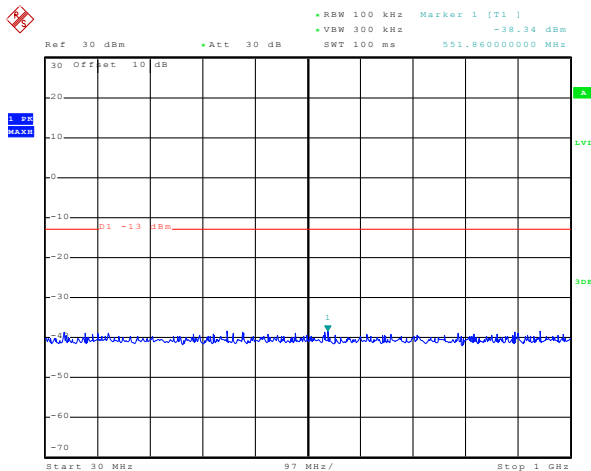
30MHz~1GHz



Date: 26.NOV.2015 23:47:21

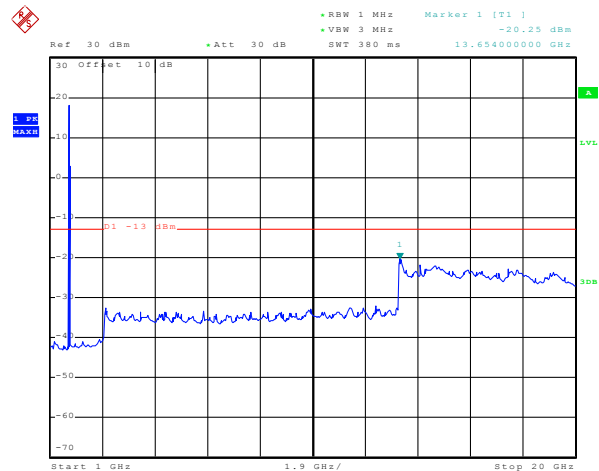
1GHz~20GHz

Test Mode:	LTE band 4(10MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 26.NOV.2015 23:33:35

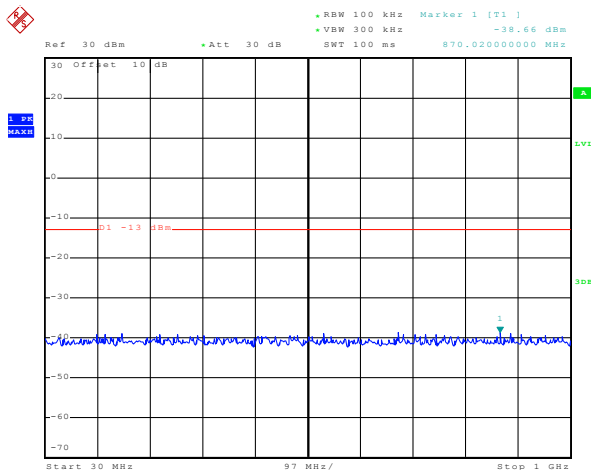
30MHz~1GHz



Date: 26.NOV.2015 23:33:08

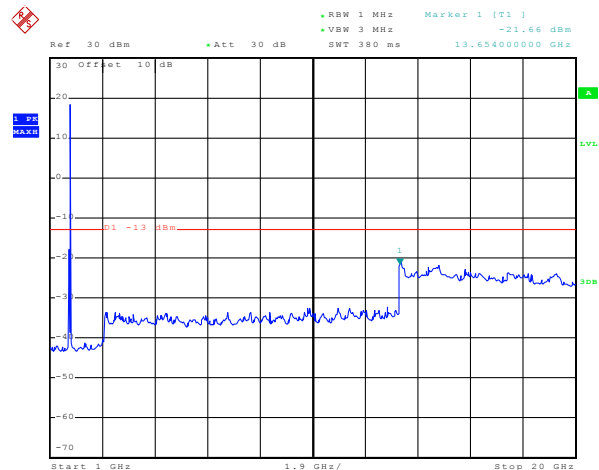
1GHz~20GHz

Test Mode:	LTE band 4(10MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Middle channel
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Date: 26.NOV.2015 23:42:22

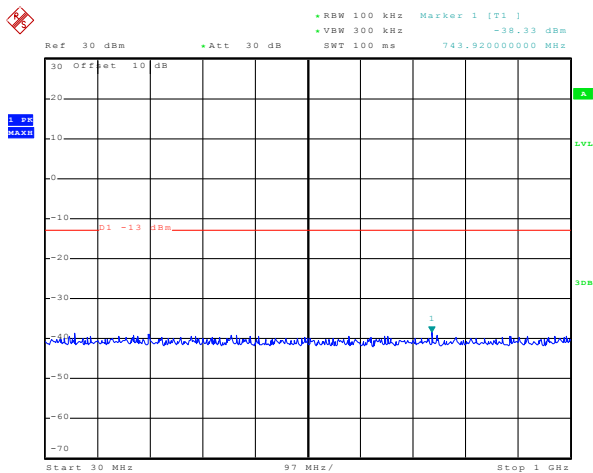
30MHz~1GHz



Date: 26.NOV.2015 23:43:02

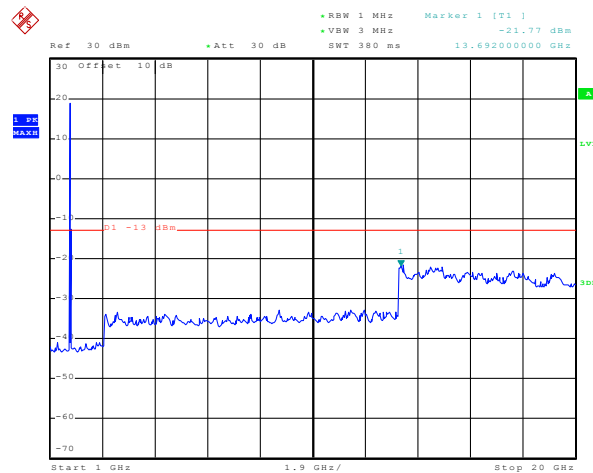
1GHz~20GHz

Test Mode:	LTE band 4(10MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 26.NOV.2015 23:49:47

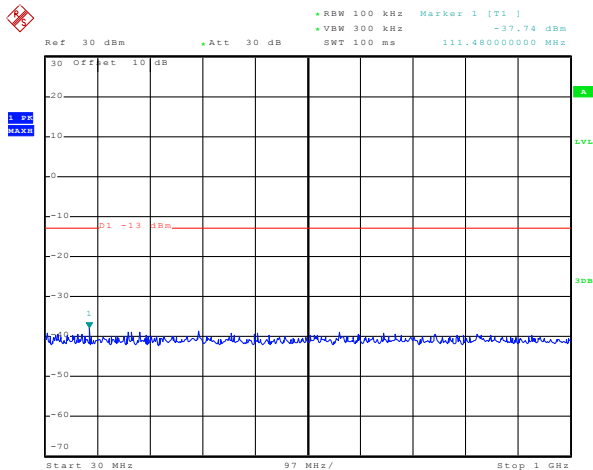
30MHz~1GHz



Date: 26.NOV.2015 23:49:07

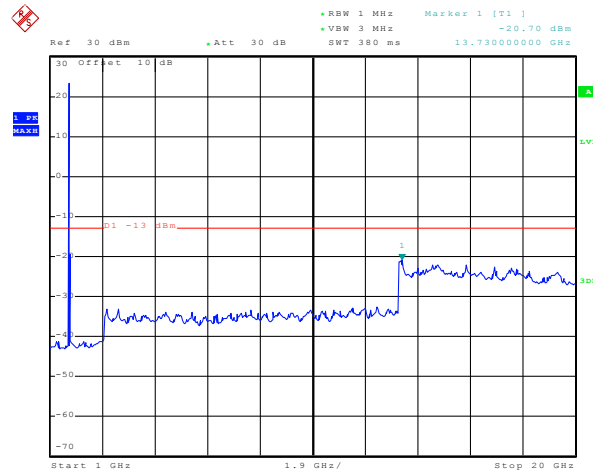
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 26.NOV.2015 23:35:10

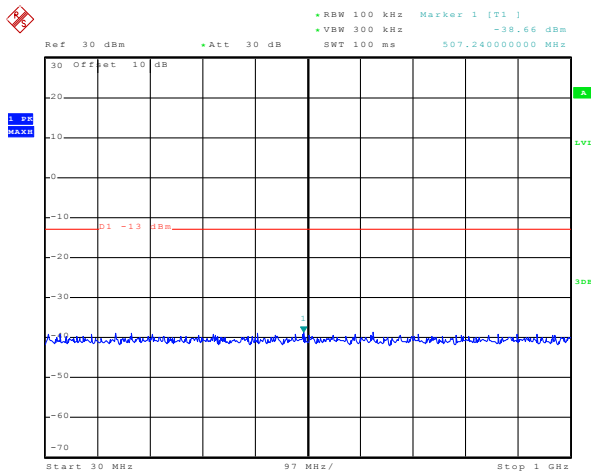
30MHz~1GHz



Date: 26.NOV.2015 23:30:12

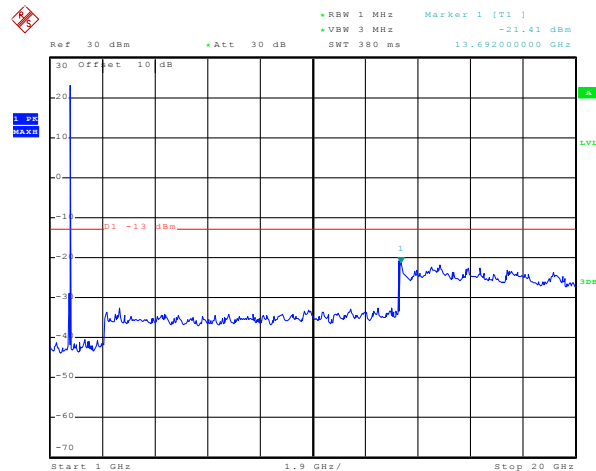
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 26.NOV.2015 23:40:32

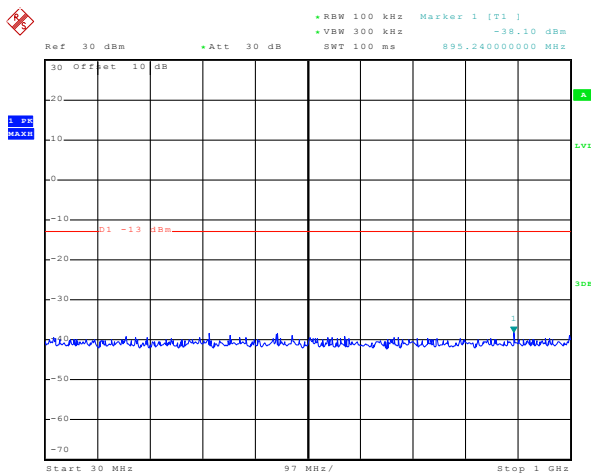
30MHz~1GHz



Date: 26.NOV.2015 23:43:57

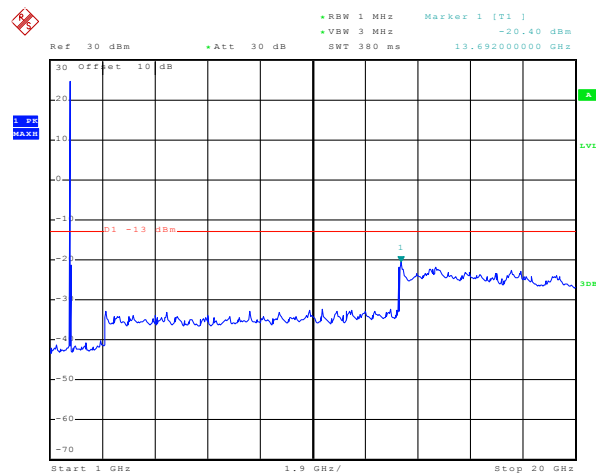
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 26.NOV.2015 23:50:23

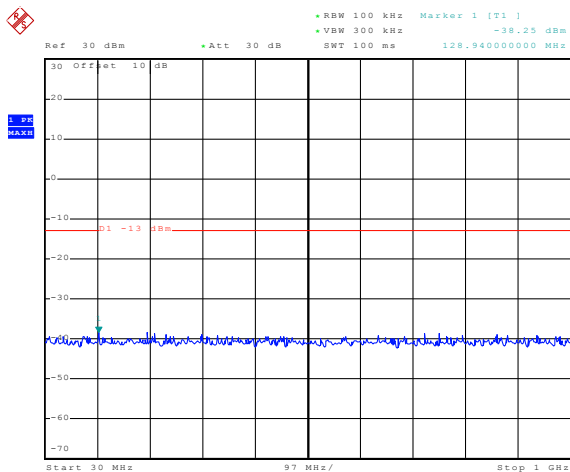
30MHz~1GHz



Date: 26.NOV.2015 23:46:15

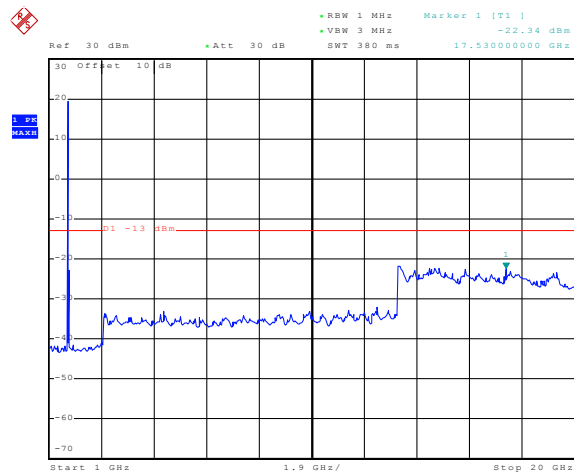
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 25& RB Offset 0	Test Channel:	Lowest channel
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Date: 26.NOV.2015 23:36:08

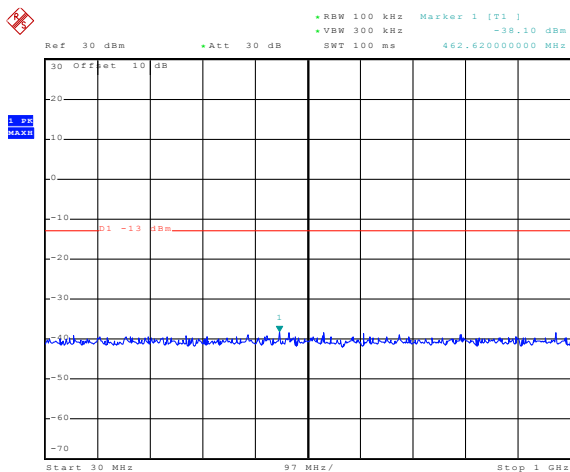
30MHz~1GHz



Date: 26.NOV.2015 23:31:45

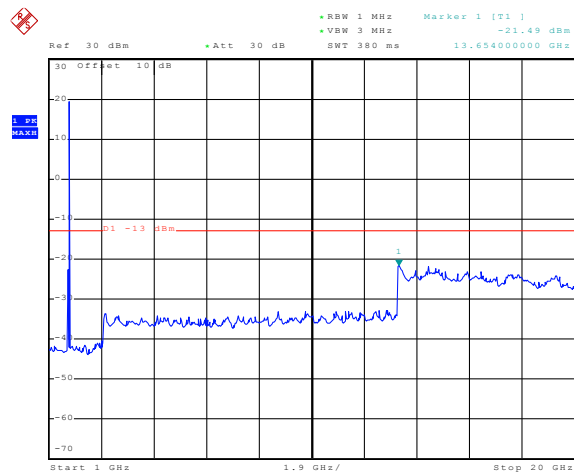
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 25& RB Offset 0	Test Channel:	Middle channel
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Date: 26.NOV.2015 23:41:47

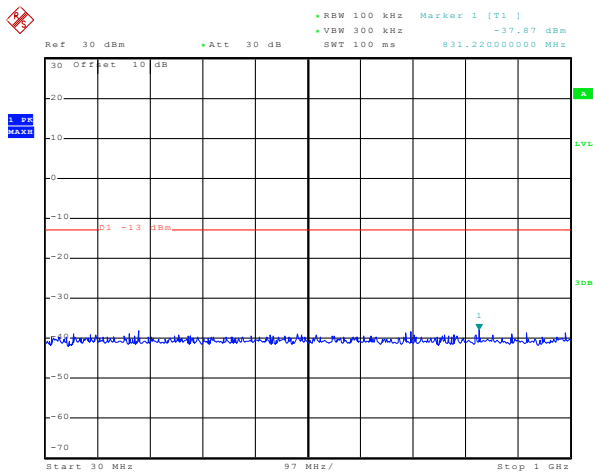
30MHz~1GHz



Date: 26.NOV.2015 23:45:18

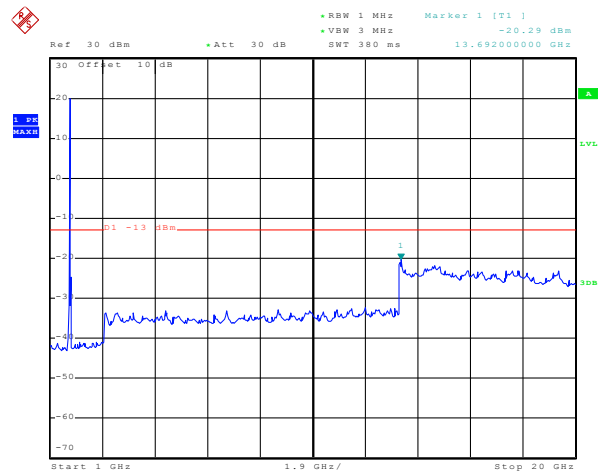
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 25& RB Offset 0	Test Channel:	Highest channel
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Date: 26.NOV.2015 23:51:33

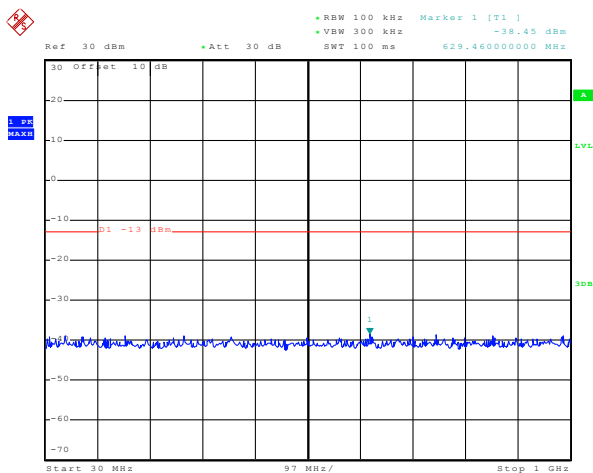
30MHz~1GHz



Date: 26.NOV.2015 23:48:08

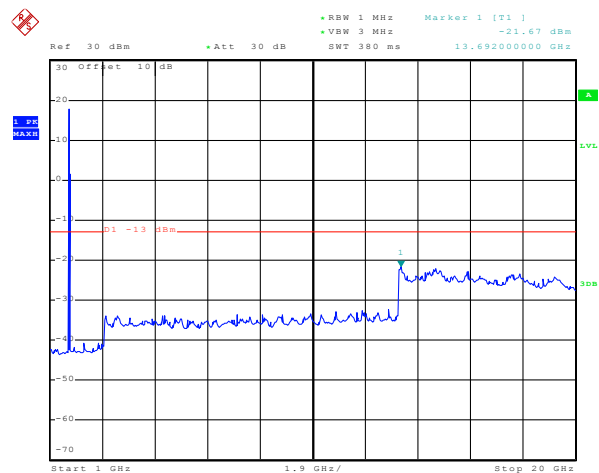
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 26.NOV.2015 23:34:50

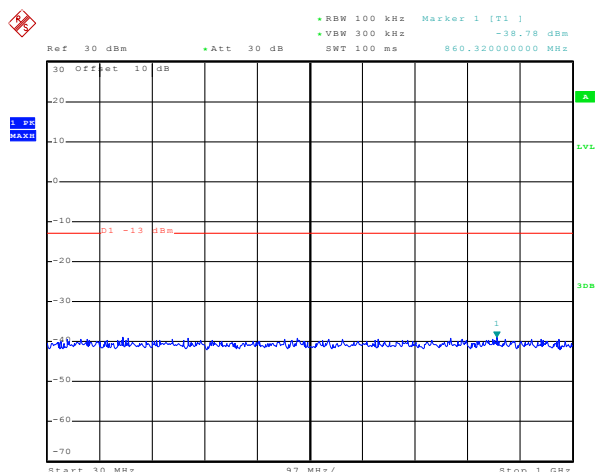
30MHz~1GHz



Date: 26.NOV.2015 23:32:06

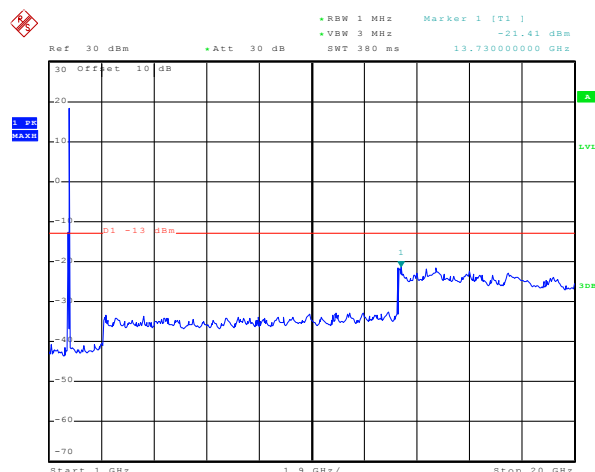
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 50& RB Offset0	Test Channel:	Middle channel
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Date: 26.NOV.2015 23:42:06

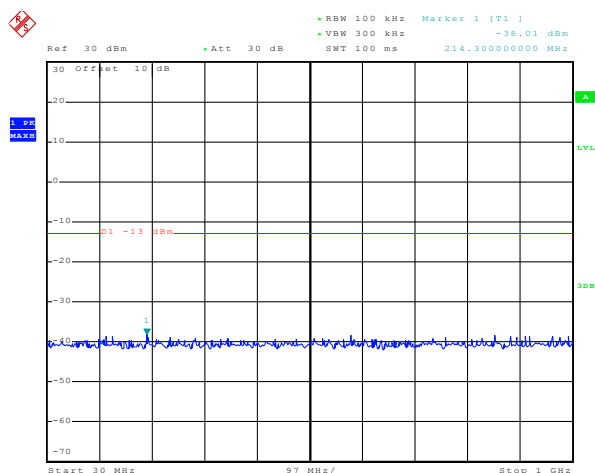
30MHz~1GHz



Date: 26.NOV.2015 23:43:35

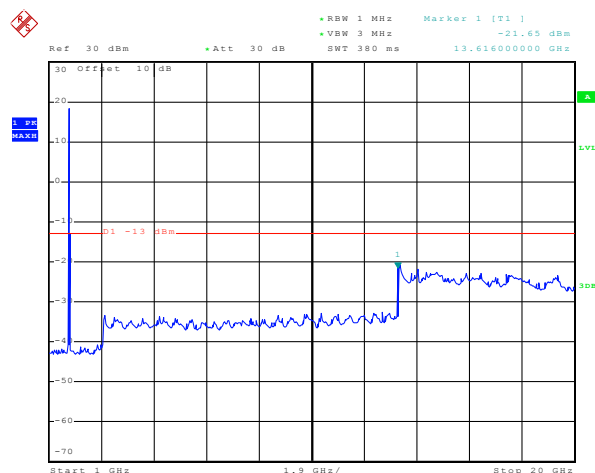
1GHz~20GHz

Test Mode:	LTE band 4(10MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 26.NOV.2015 23:50:09

30MHz~1GHz

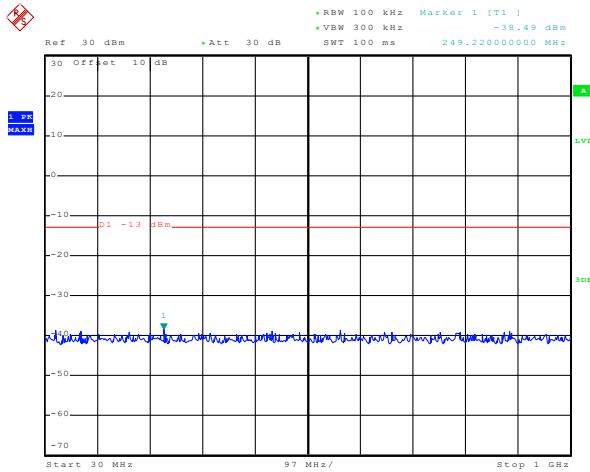


Date: 26.NOV.2015 23:48:41

1GHz~20GHz

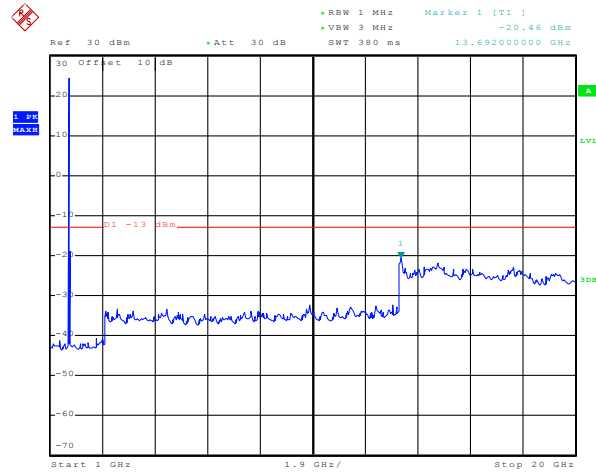
15MHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:38:47

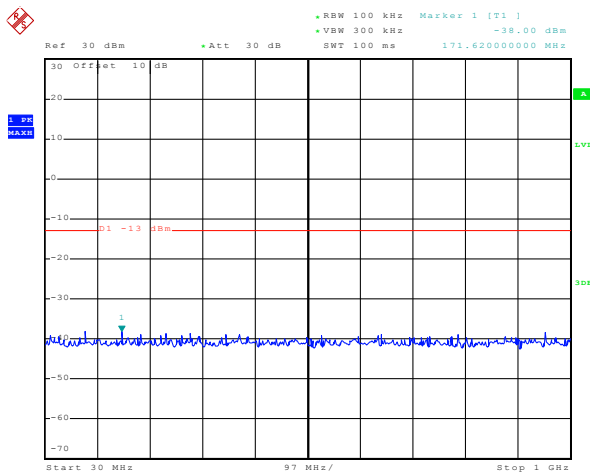
30MHz~1GHz



Date: 27.NOV.2015 01:41:33

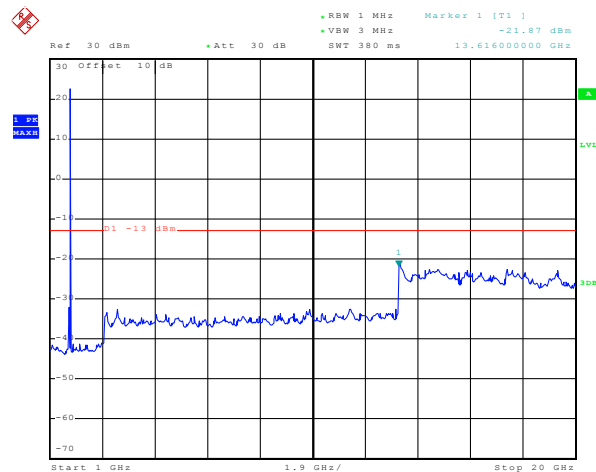
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:46:21

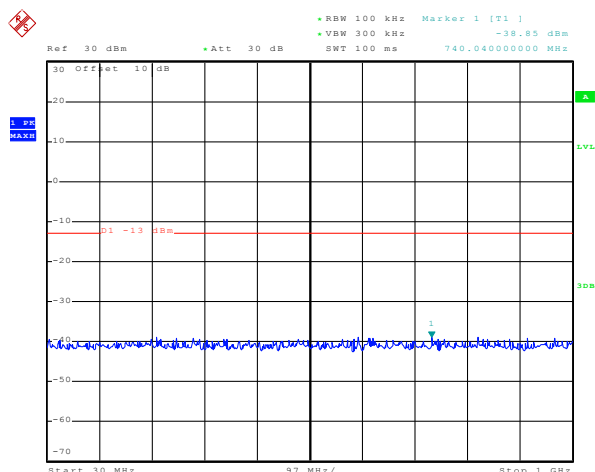
30MHz~1GHz



Date: 27.NOV.2015 01:43:05

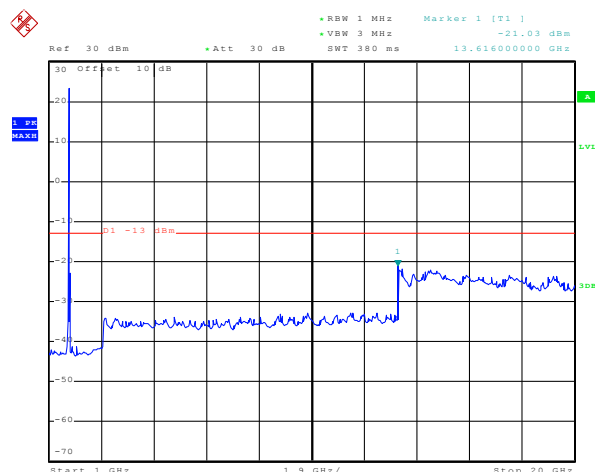
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 01:48:08

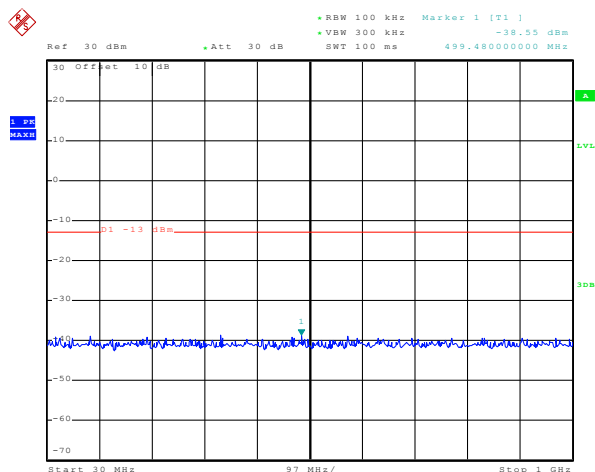
30MHz~1GHz



Date: 27.NOV.2015 01:51:16

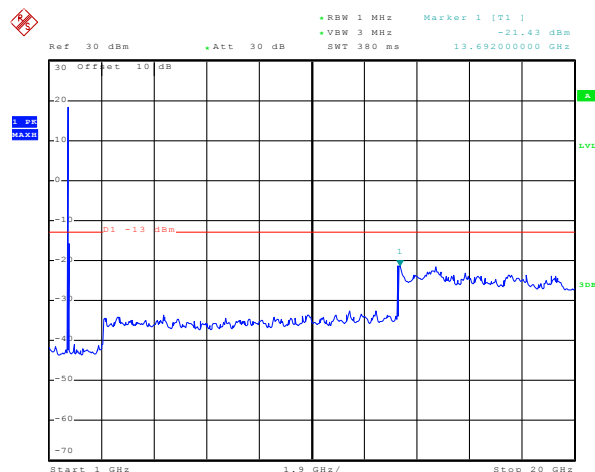
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 36& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:39:05

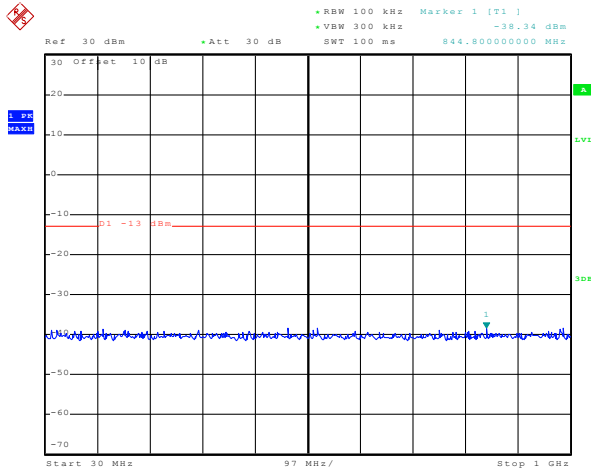
30MHz~1GHz



Date: 27.NOV.2015 01:41:53

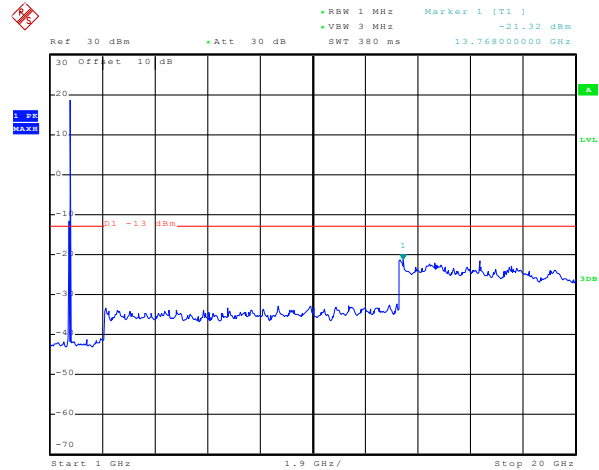
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 36& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:47:02

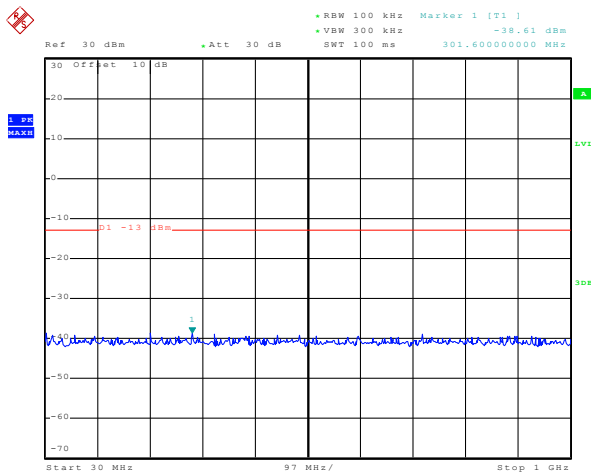
30MHz~1GHz



Date: 27.NOV.2015 01:43:50

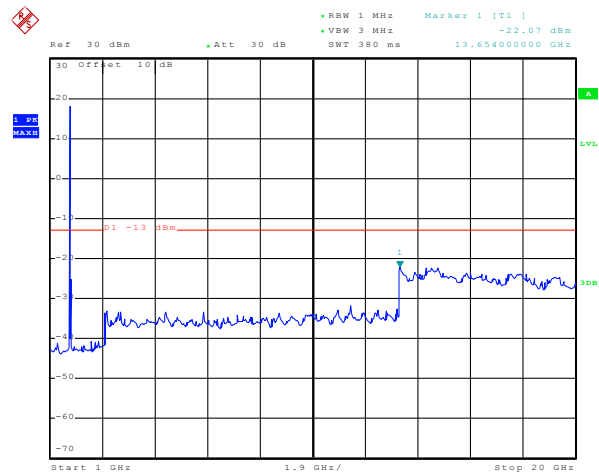
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 36& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 01:48:32

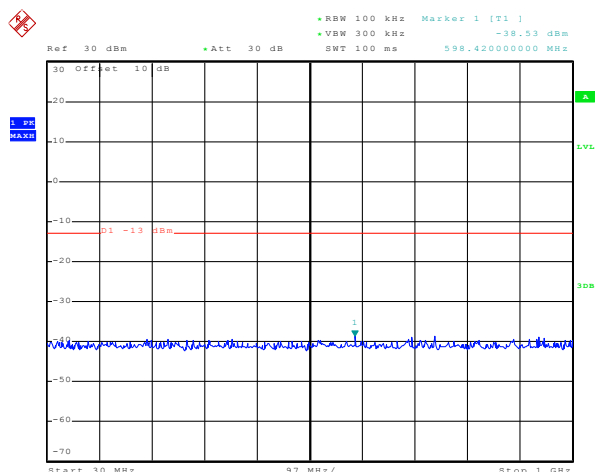
30MHz~1GHz



Date: 27.NOV.2015 01:51:36

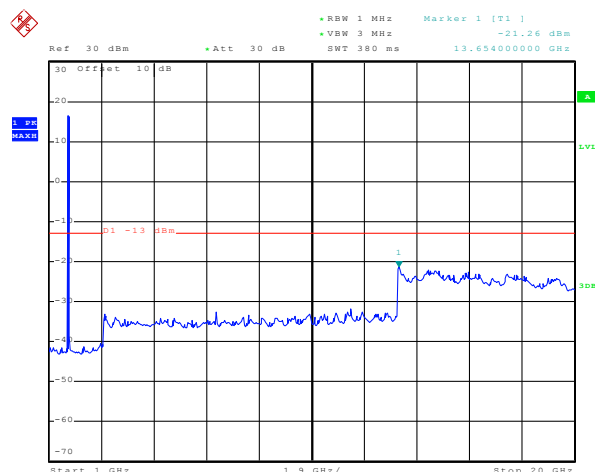
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 75& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:39:47

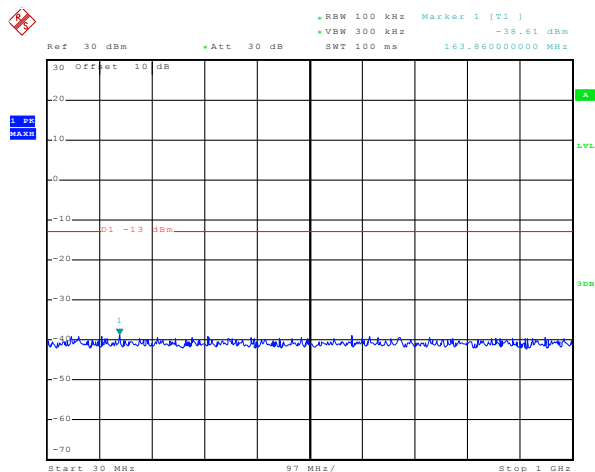
30MHz~1GHz



Date: 27.NOV.2015 01:40:29

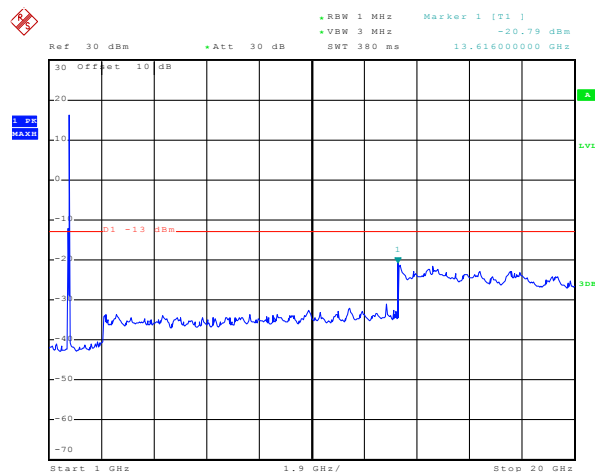
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 75& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:45:41

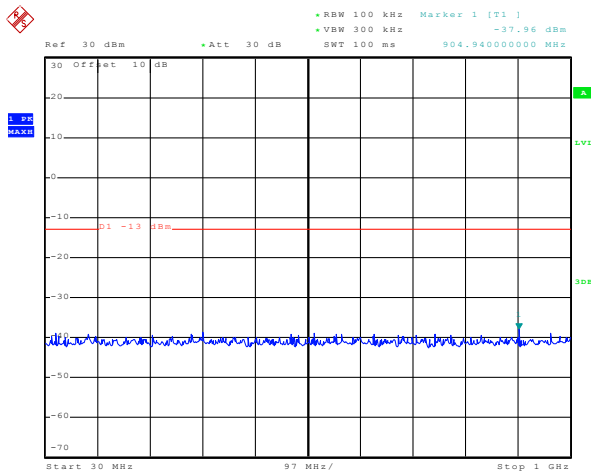
30MHz~1GHz



Date: 27.NOV.2015 01:45:15

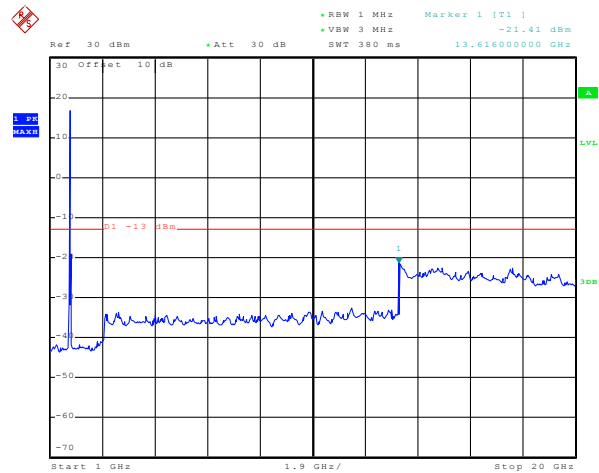
1GHz~20GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 75& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 01:49:36

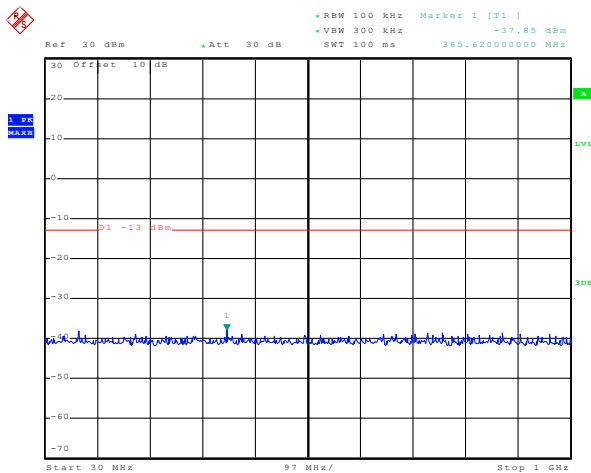
30MHz~1GHz



Date: 27.NOV.2015 01:50:02

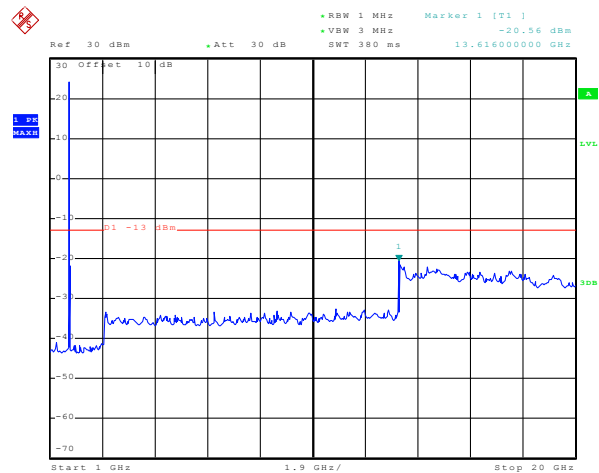
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:38:32

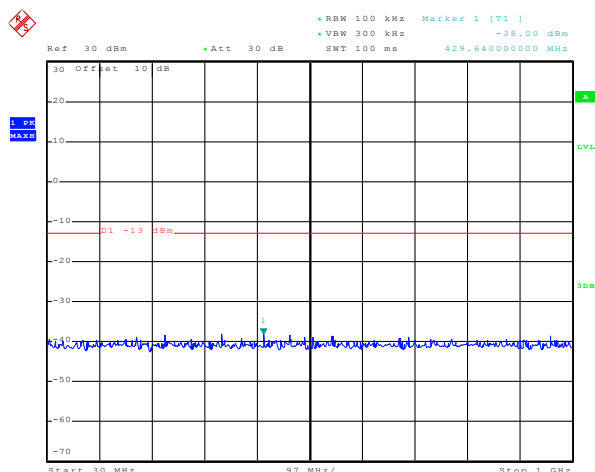
30MHz~1GHz



Date: 27.NOV.2015 01:41:14

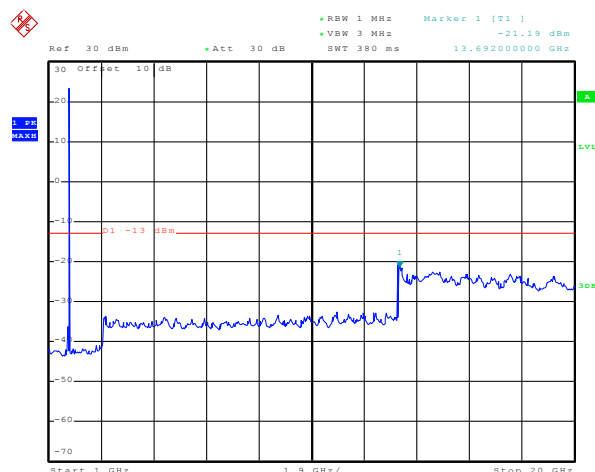
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:46:06

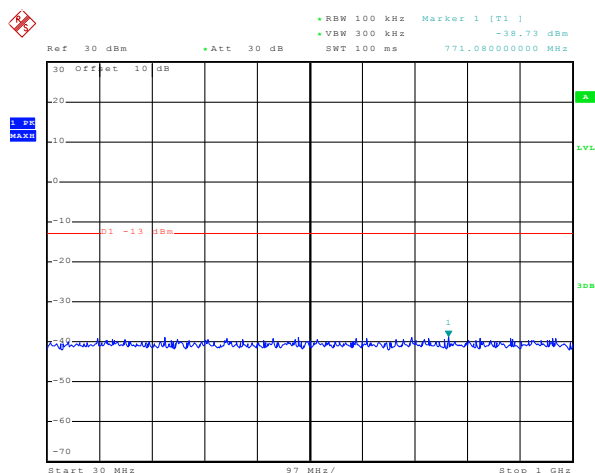
30MHz~1GHz



Date: 27.NOV.2015 01:42:43

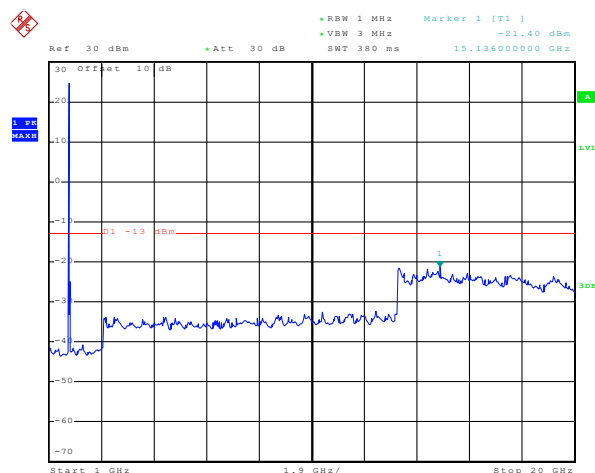
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 01:47:54

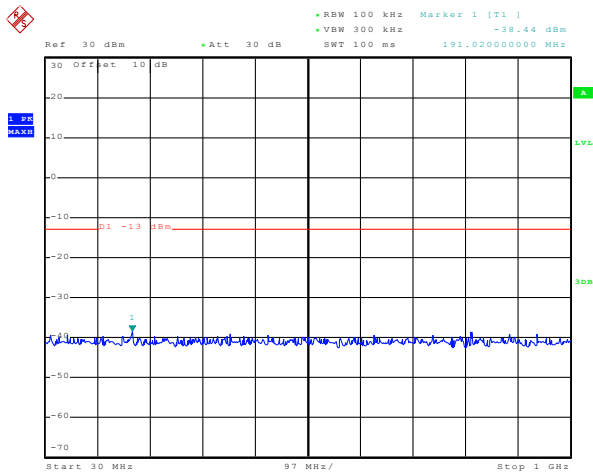
30MHz~1GHz



Date: 27.NOV.2015 01:50:50

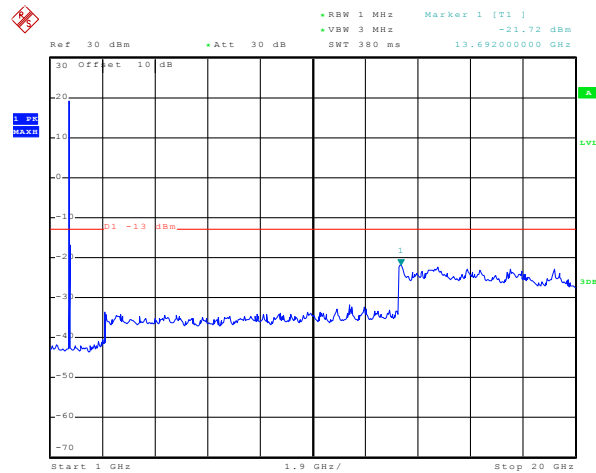
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 36& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:39:18

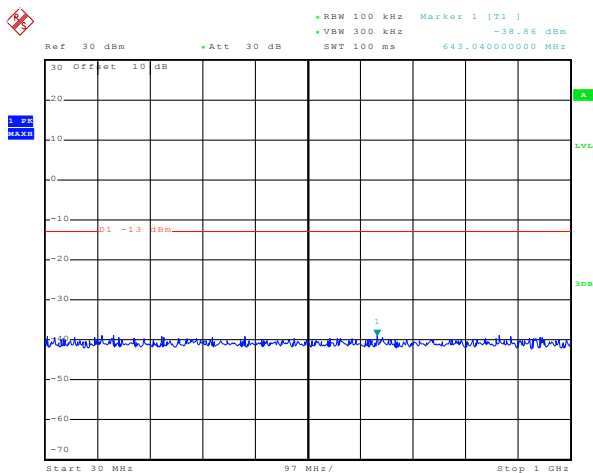
30MHz~1GHz



Date: 27.NOV.2015 01:42:14

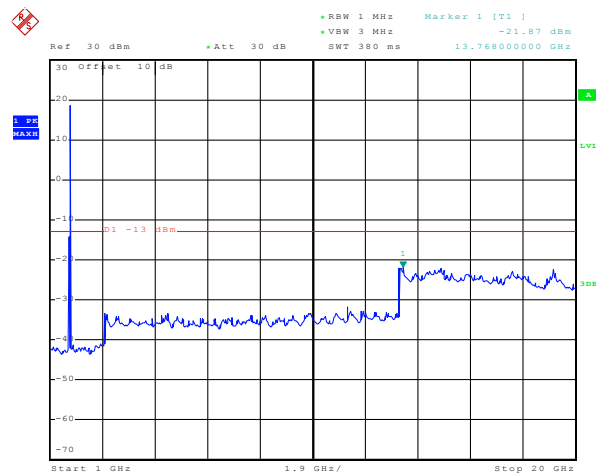
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 36& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:47:18

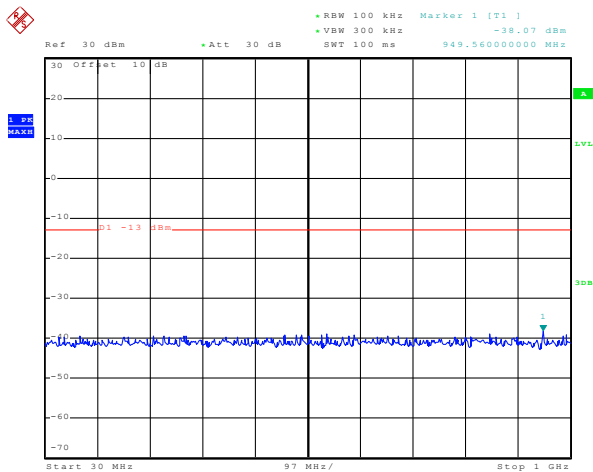
30MHz~1GHz



Date: 27.NOV.2015 01:44:16

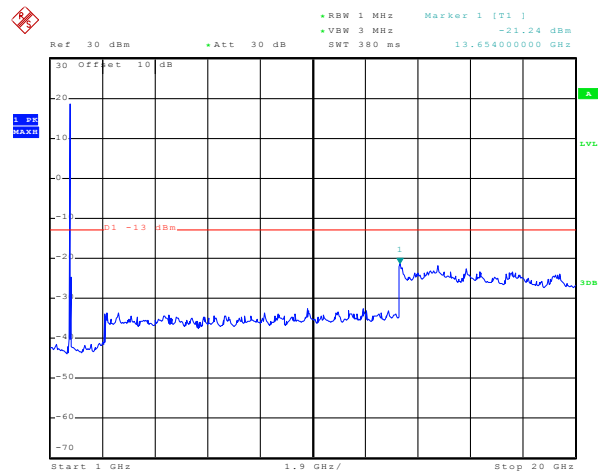
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 36& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 01:48:45

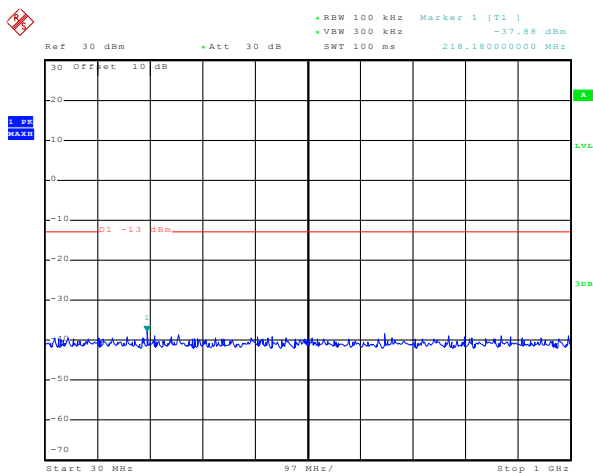
30MHz~1GHz



Date: 27.NOV.2015 01:51:57

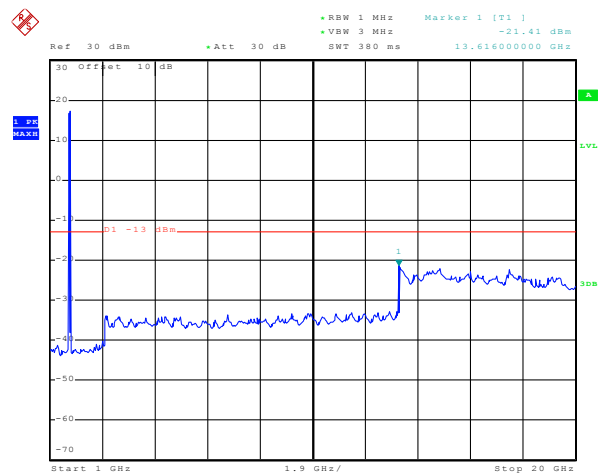
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 75& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:39:35

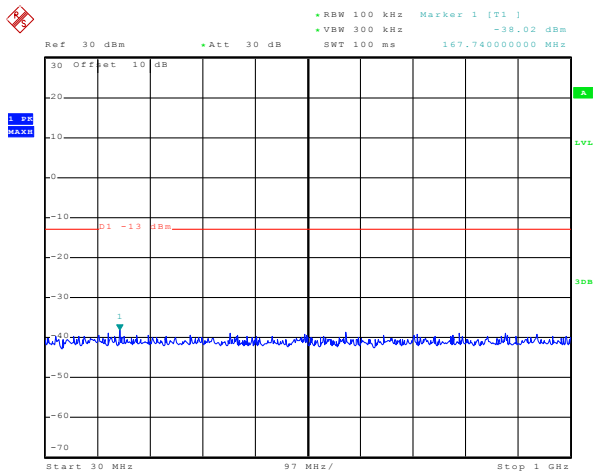
30MHz~1GHz



Date: 27.NOV.2015 01:40:52

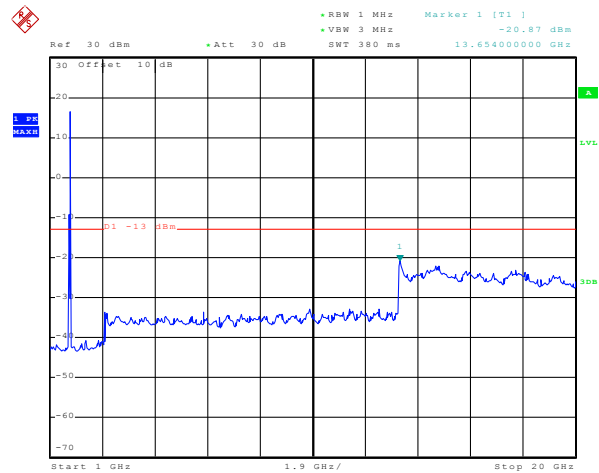
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 75& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:45:52

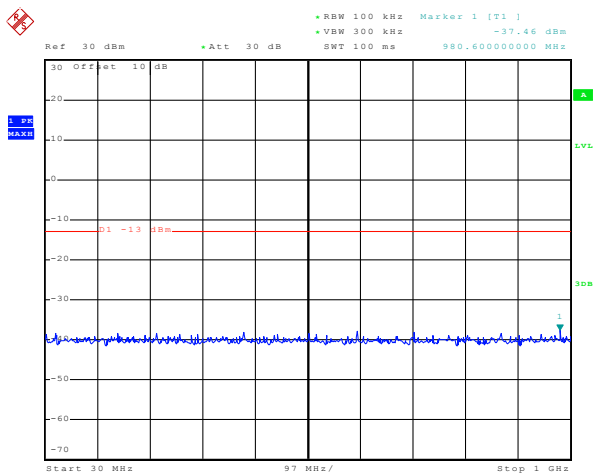
30MHz~1GHz



Date: 27.NOV.2015 01:44:34

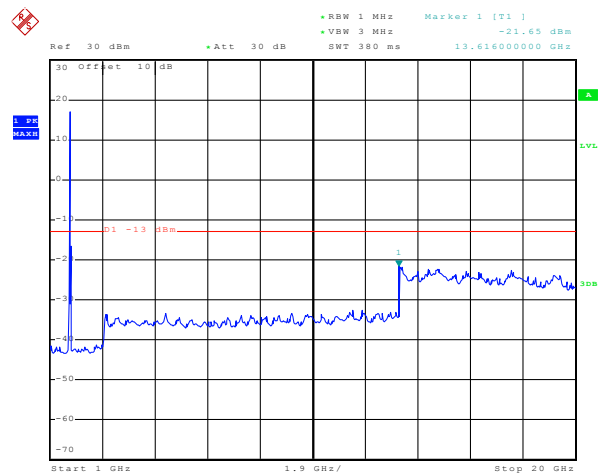
1GHz~20GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 75& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 01:49:25

30MHz~1GHz

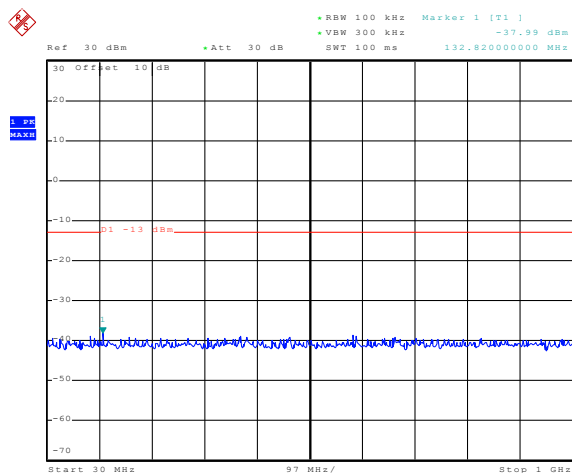


Date: 27.NOV.2015 01:50:25

1GHz~20GHz

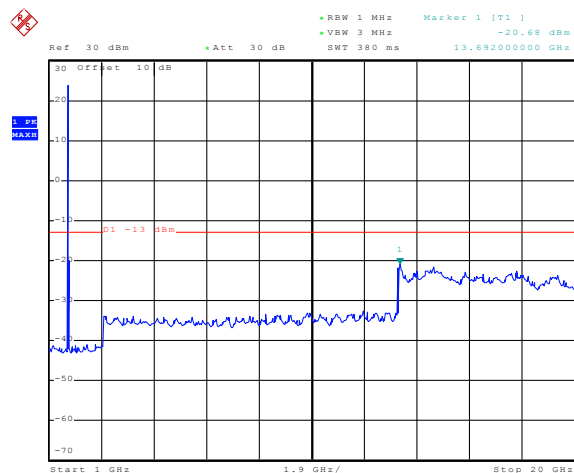
20MHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:57:54

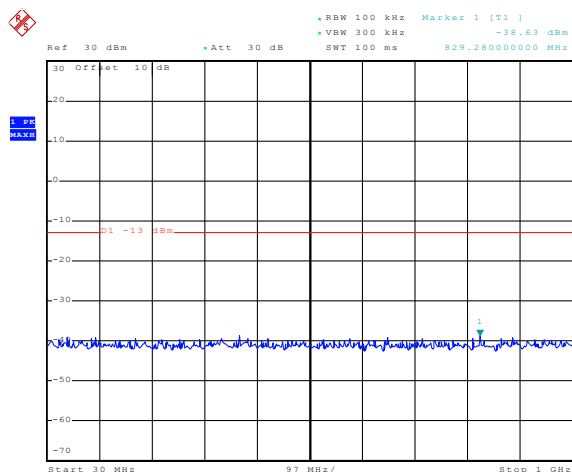
30MHz~1GHz



Date: 27.NOV.2015 01:54:50

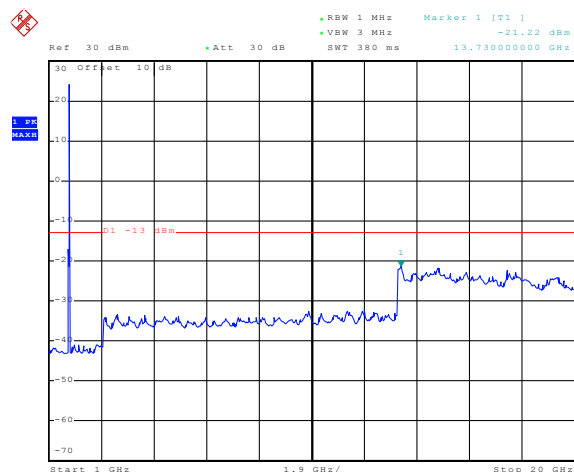
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:59:11

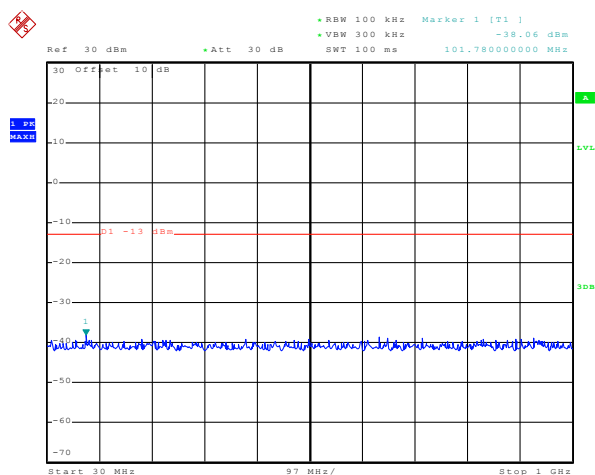
30MHz~1GHz



Date: 27.NOV.2015 02:02:05

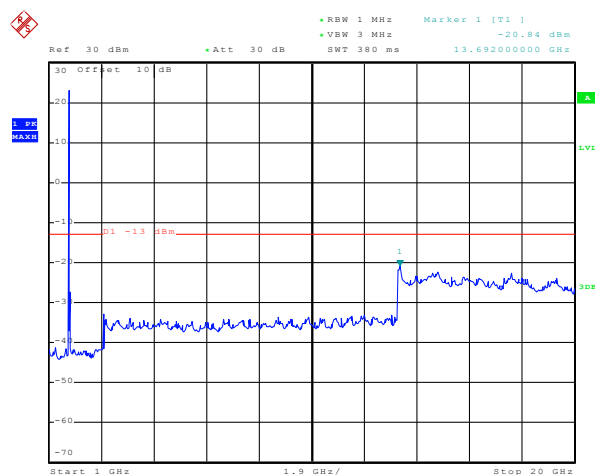
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 02:06:49

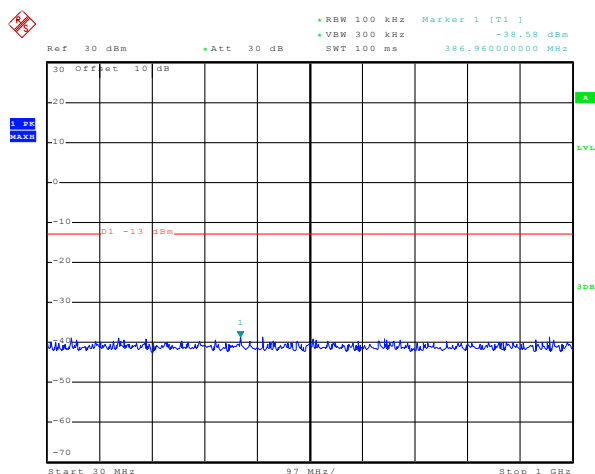
30MHz~1GHz



Date: 27.NOV.2015 02:04:06

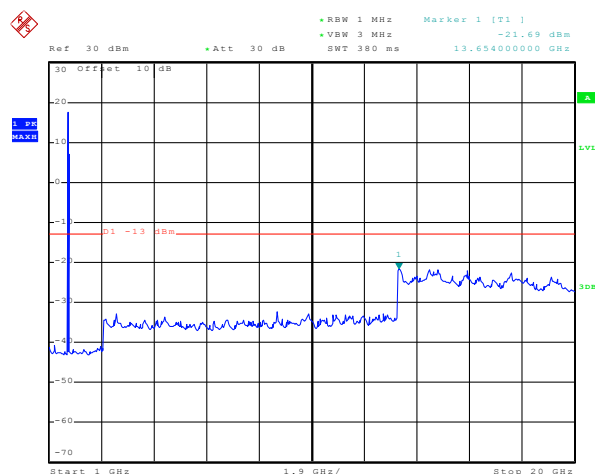
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:58:07

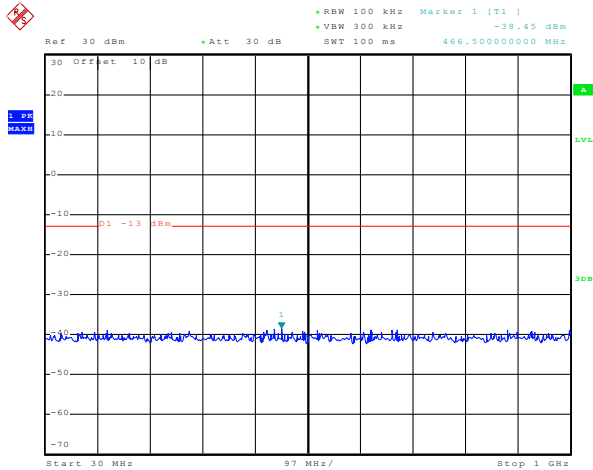
30MHz~1GHz



Date: 27.NOV.2015 01:55:42

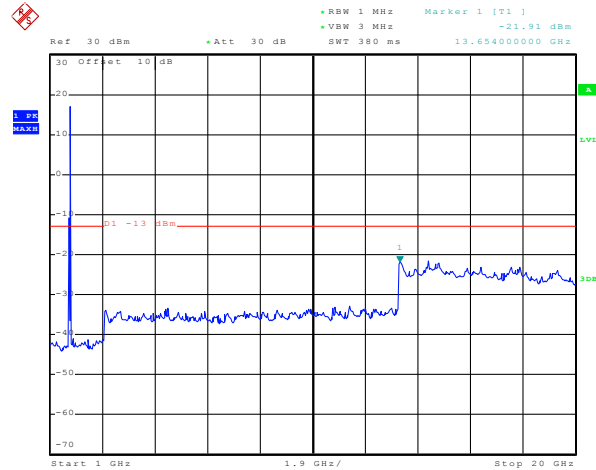
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:59:28

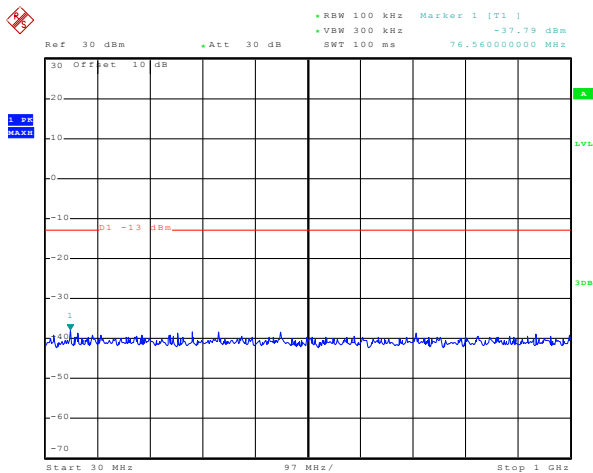
30MHz~1GHz



Date: 27.NOV.2015 02:02:28

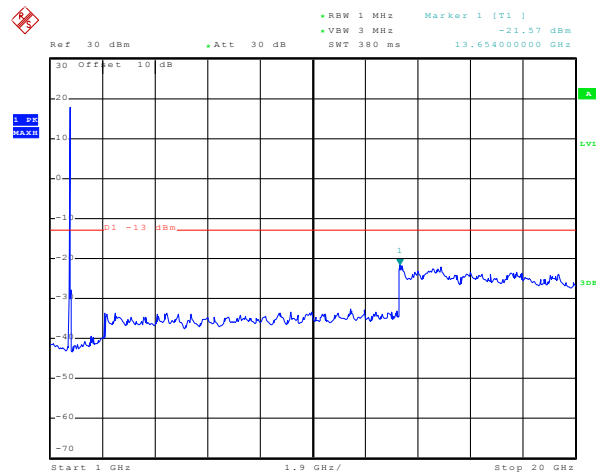
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 02:07:11

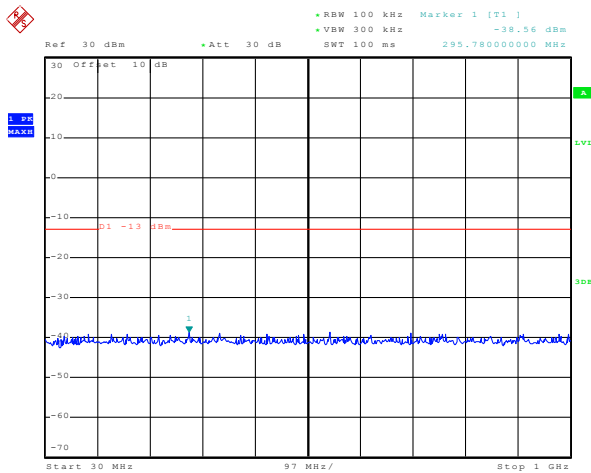
30MHz~1GHz



Date: 27.NOV.2015 02:04:32

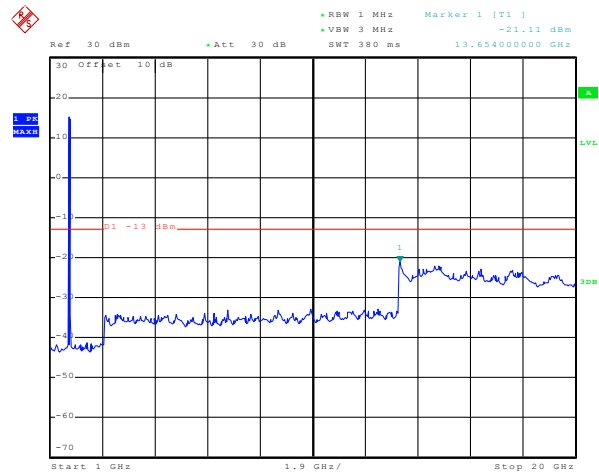
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:57:13

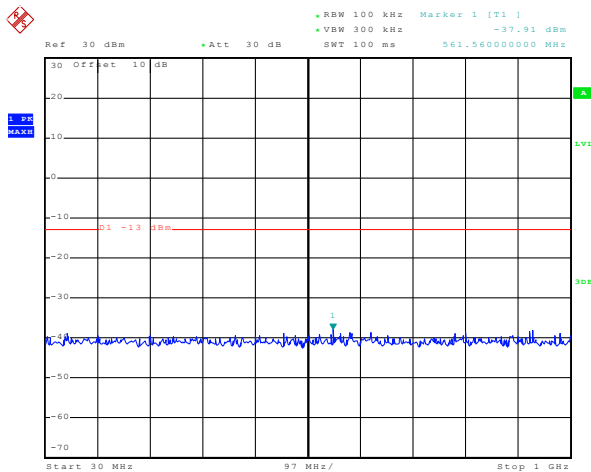
30MHz~1GHz



Date: 27.NOV.2015 01:56:49

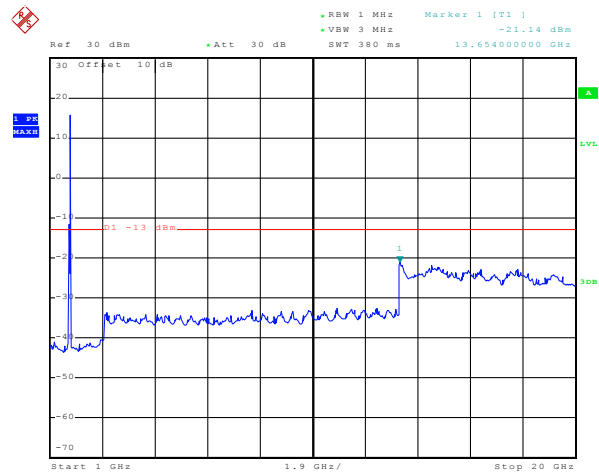
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 02:00:08

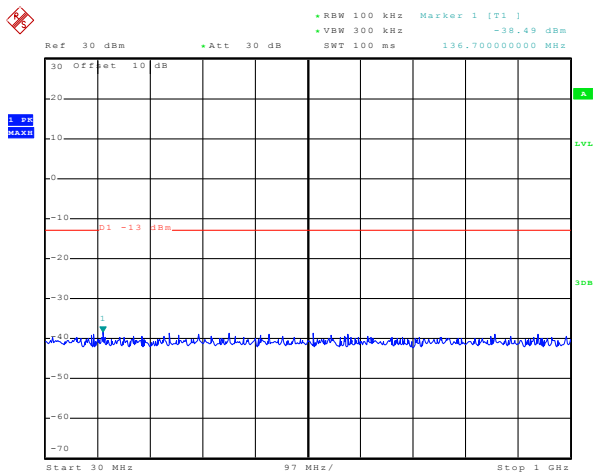
30MHz~1GHz



Date: 27.NOV.2015 02:00:44

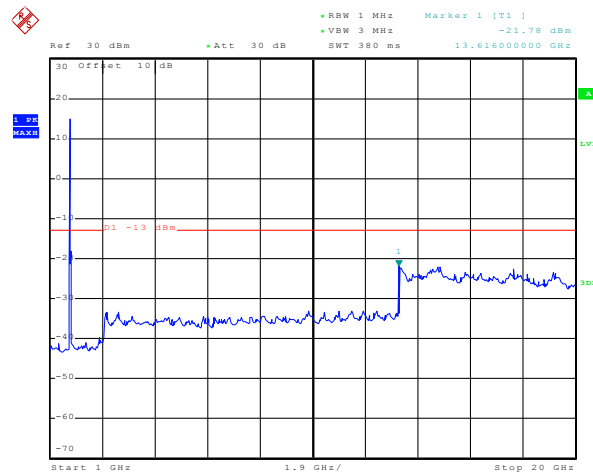
1GHz~20GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 02:06:05

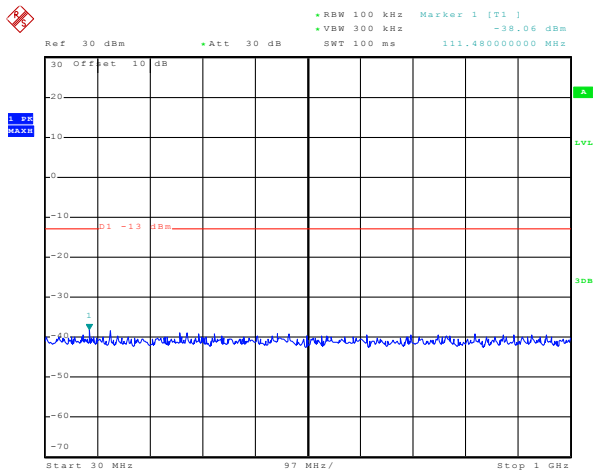
30MHz~1GHz



Date: 27.NOV.2015 02:05:39

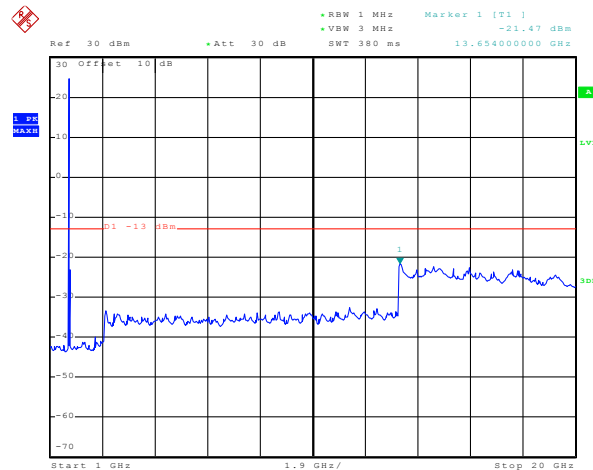
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:57:40

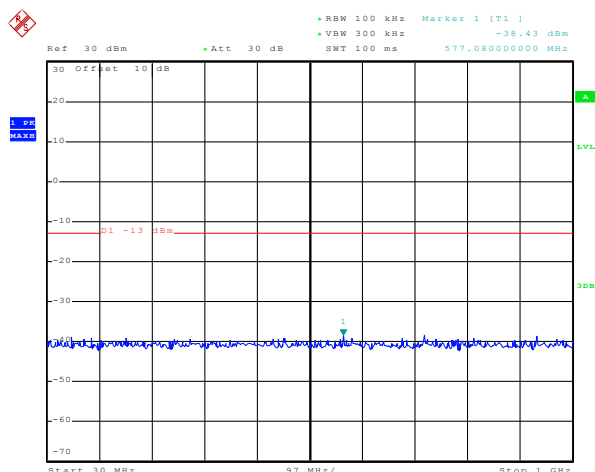
30MHz~1GHz



Date: 27.NOV.2015 01:55:11

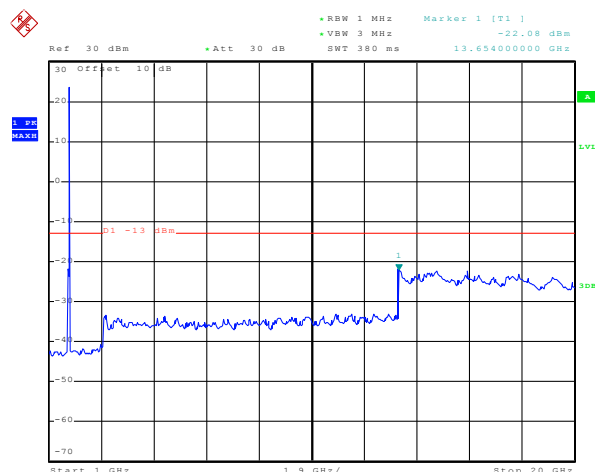
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:58:55

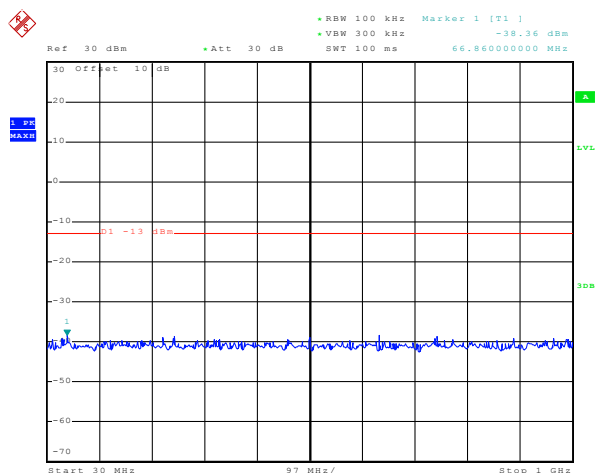
30MHz~1GHz



Date: 27.NOV.2015 02:01:32

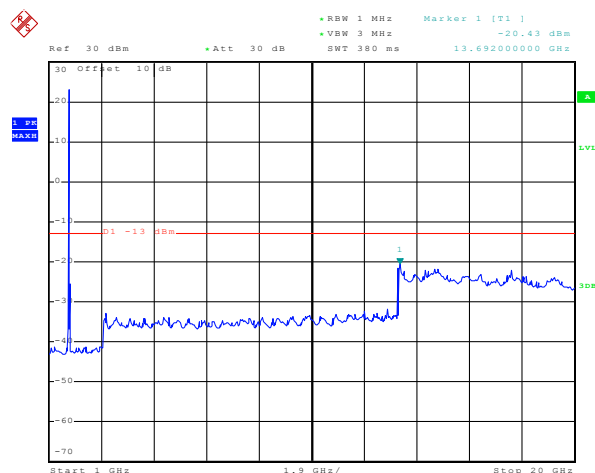
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 02:06:33

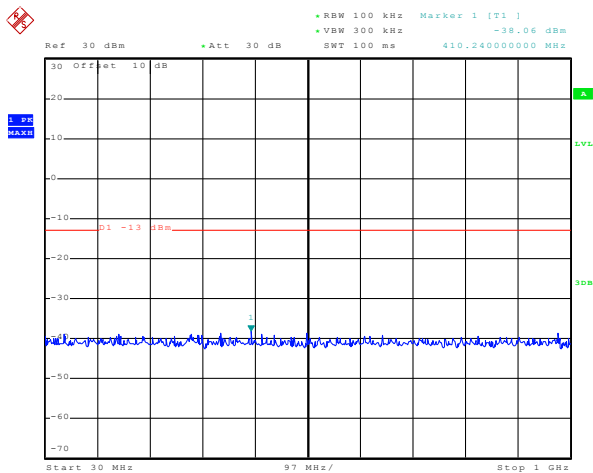
30MHz~1GHz



Date: 27.NOV.2015 02:03:47

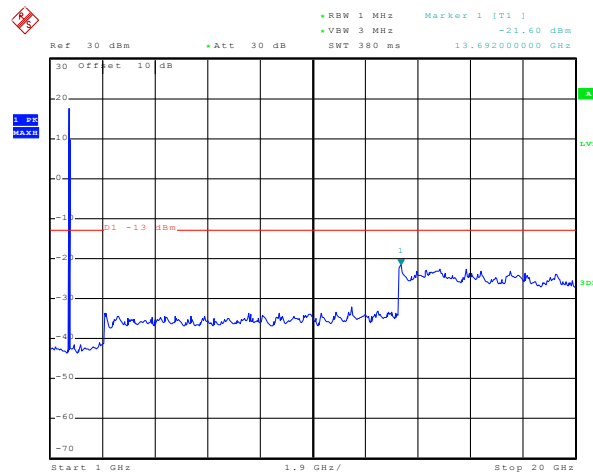
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:58:21

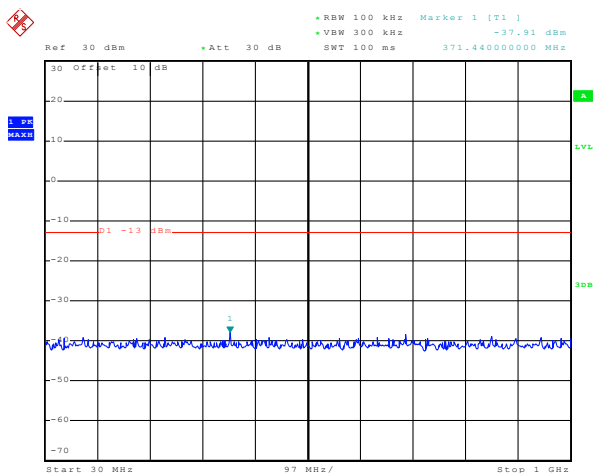
30MHz~1GHz



Date: 27.NOV.2015 01:56:05

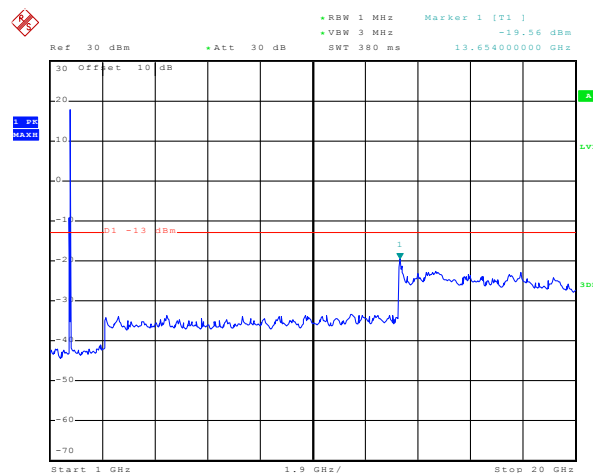
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:59:43

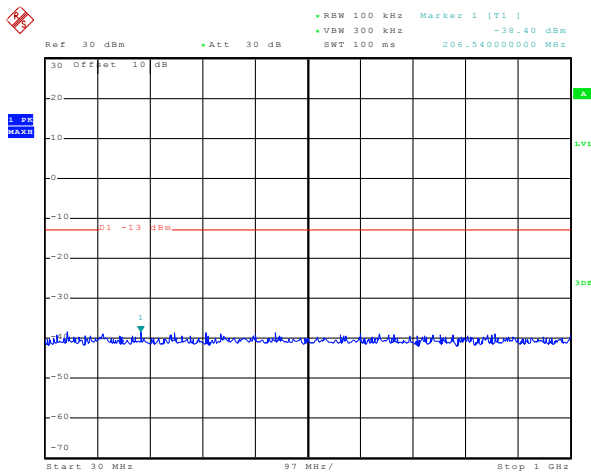
30MHz~1GHz



Date: 27.NOV.2015 02:02:45

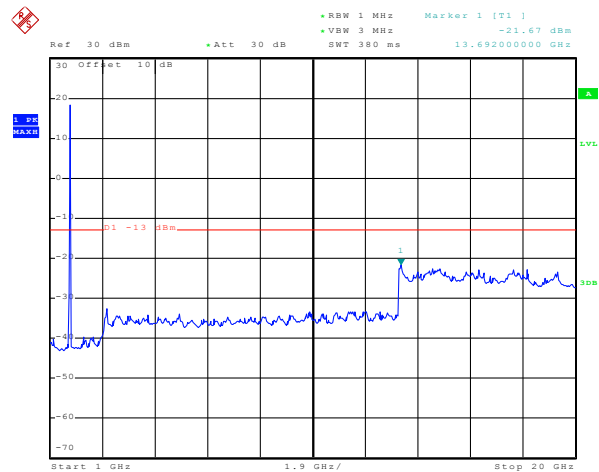
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 02:07:33

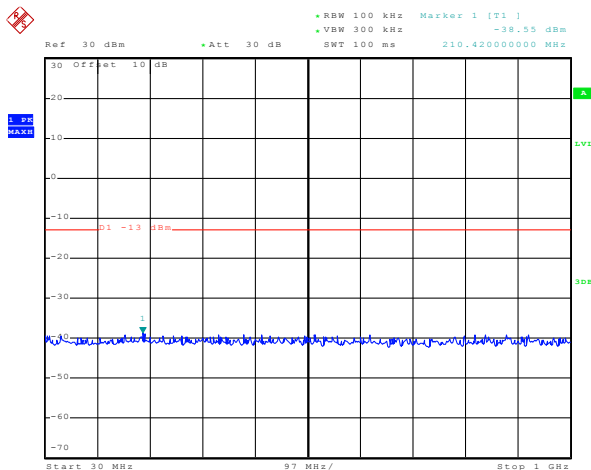
30MHz~1GHz



Date: 27.NOV.2015 02:04:53

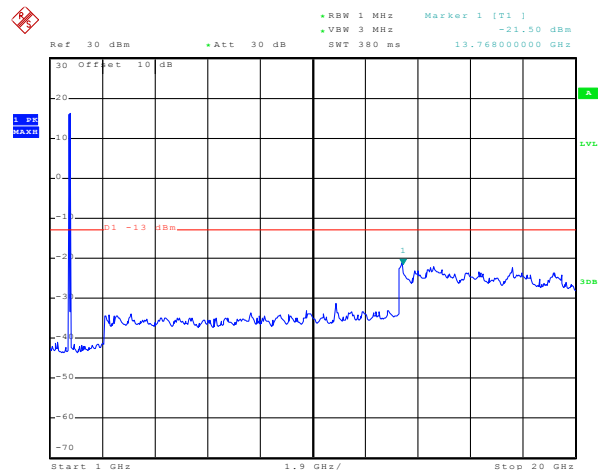
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100& RB Offset 0	Test Channel:	Lowest channel
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Date: 27.NOV.2015 01:57:27

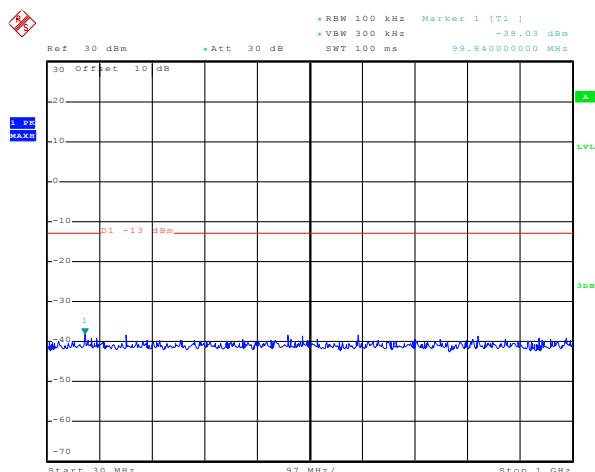
30MHz~1GHz



Date: 27.NOV.2015 01:56:26

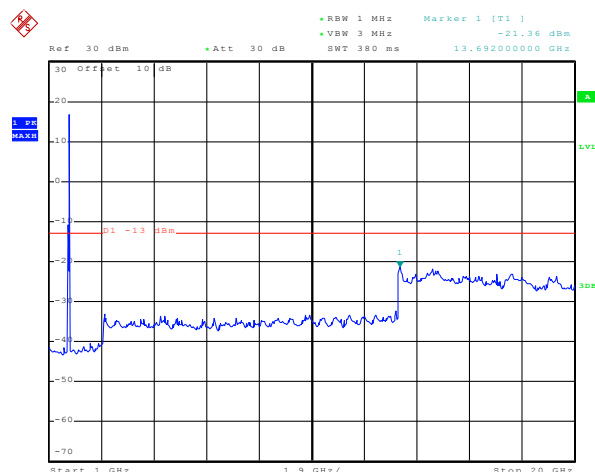
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100& RB Offset 0	Test Channel:	Middle channel
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Date: 27.NOV.2015 01:59:56

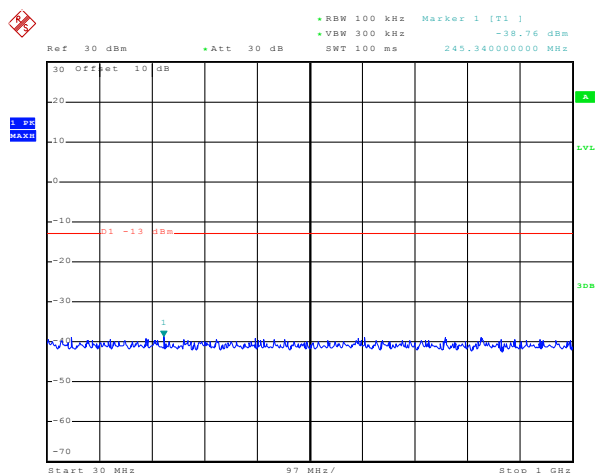
30MHz~1GHz



Date: 27.NOV.2015 02:01:06

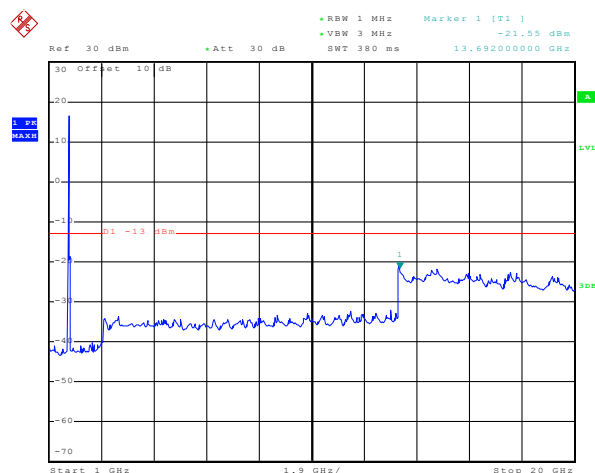
1GHz~20GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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Date: 27.NOV.2015 02:06:19

30MHz~1GHz



Date: 27.NOV.2015 02:05:19

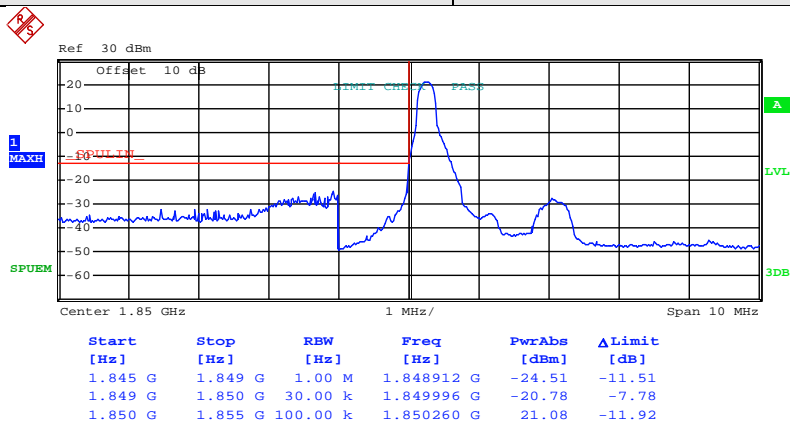
1GHz~20GHz

Band edge emission:

LTE band 2 part:

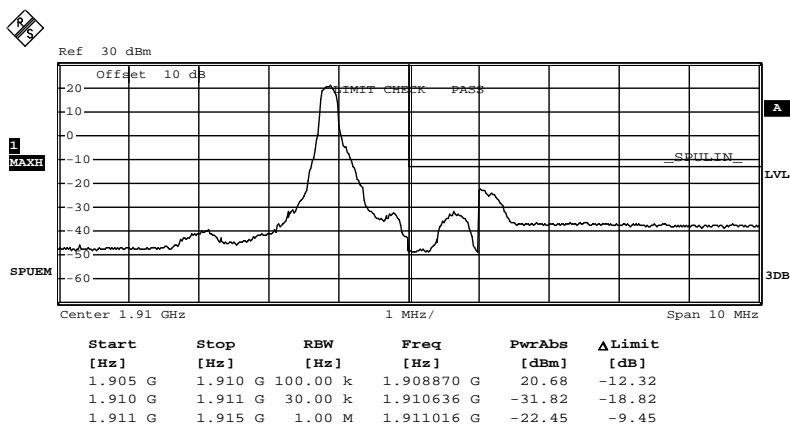
1.4MHz:

Test Mode:	LTE band 2(QPSK RB Size 1 &RB Offset0)
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Date: 27.NOV.2015 02:33:10

Lowest channel

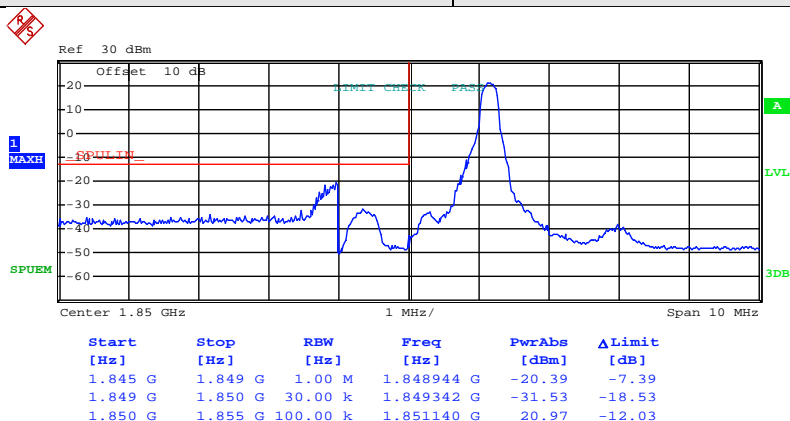


Date: 27.NOV.2015 02:38:12

Highest channel

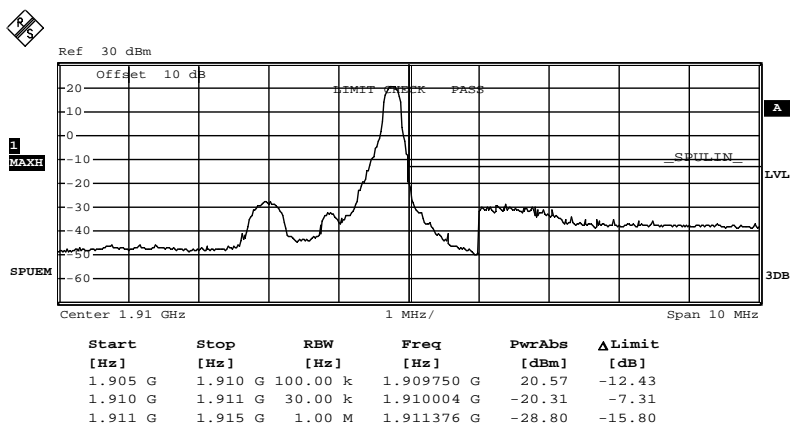
Test Mode:

LTE band 2(QPSK RB Size 1 &RB Offset 5)



Date: 27.NOV.2015 02:33:50

Lowest channel

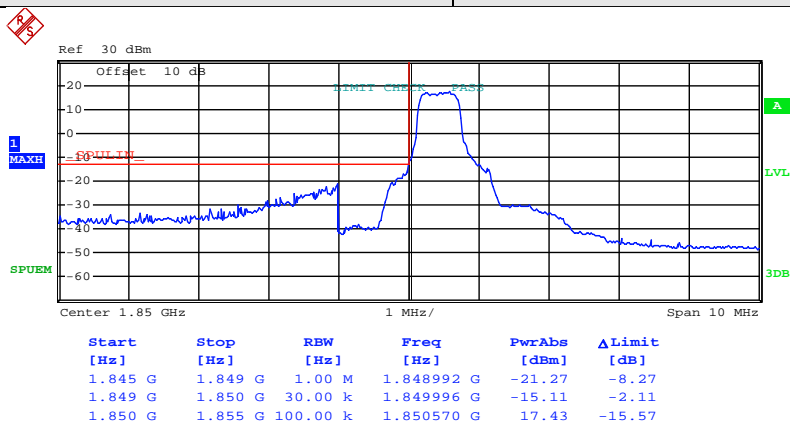


Date: 27.NOV.2015 02:40:14

Highest channel

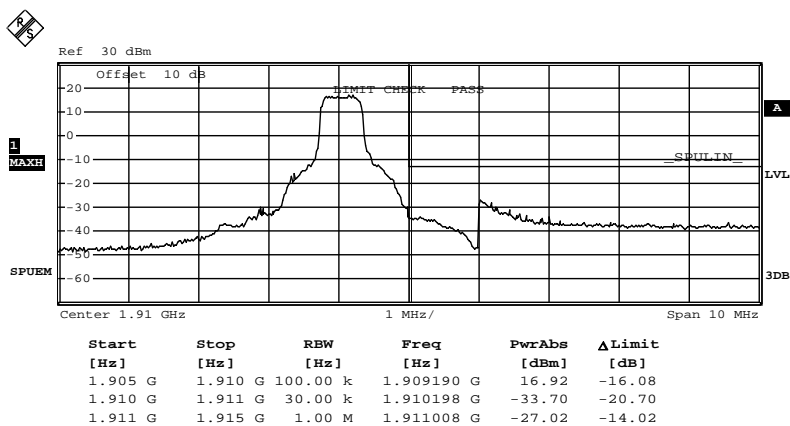
Test Mode:

LTE band 2(QPSK RB Size 3 &RB Offset0)



Date: 27.NOV.2015 02:34:12

Lowest channel

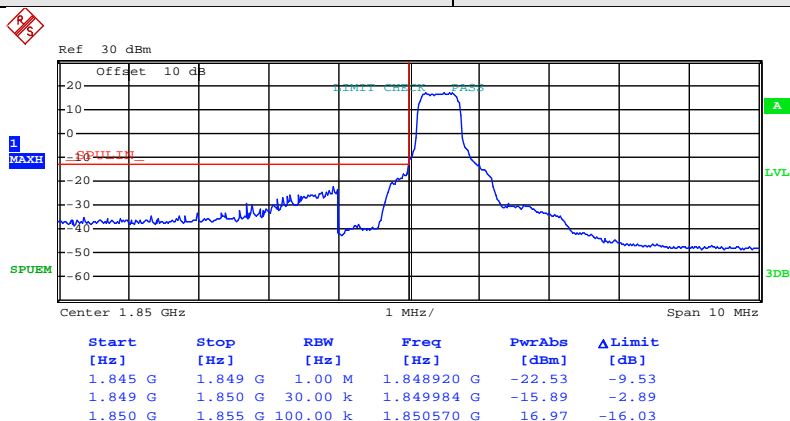


Date: 27.NOV.2015 02:41:42

Highest channel

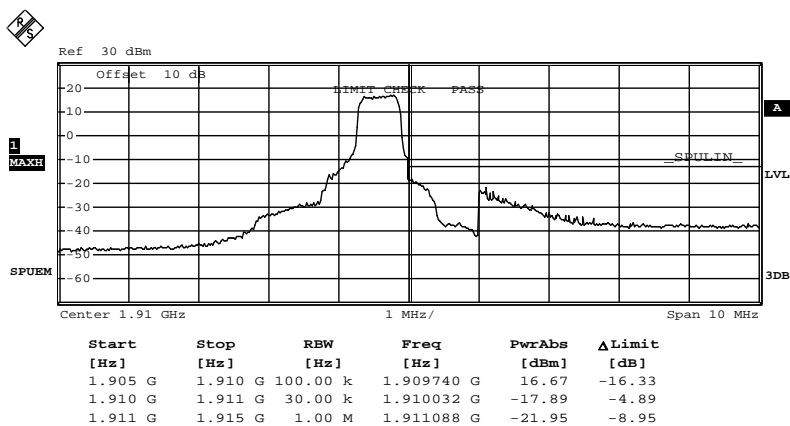
Test Mode:

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



Date: 27.NOV.2015 02:34:51

Lowest channel

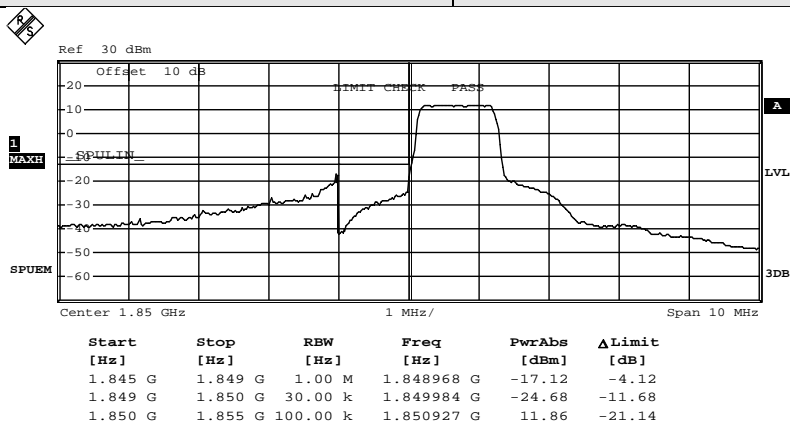


Date: 27.NOV.2015 02:41:56

Highest channel

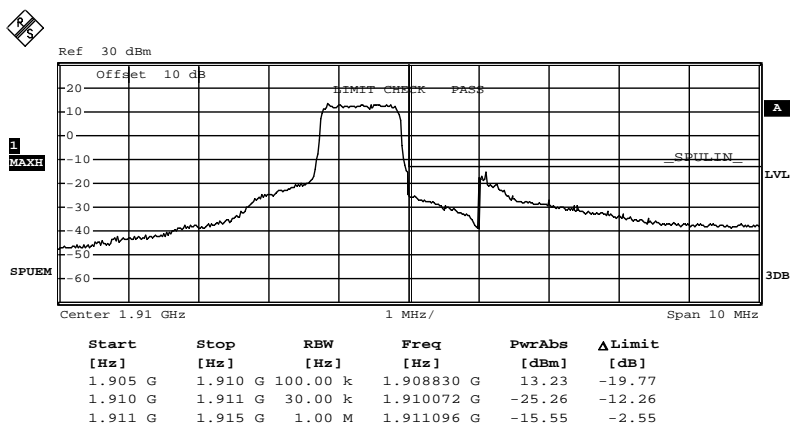
Test Mode:

LTE band 2(QPSK RB Size 6 & RB Offset 0)



Date: 27.NOV.2015 02:36:57

Lowest channel

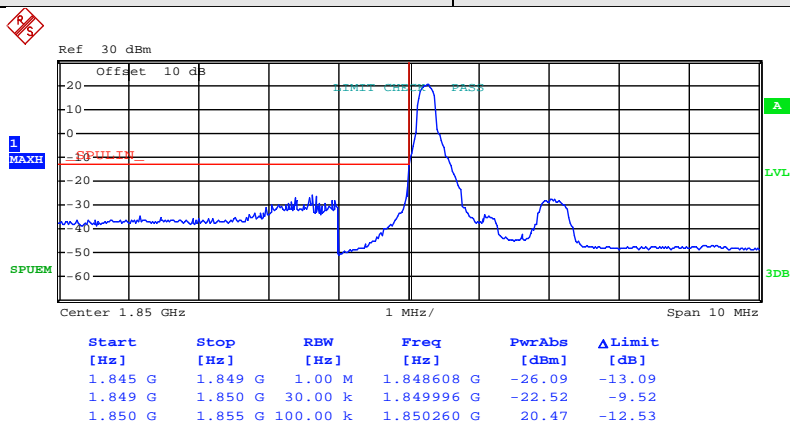


Date: 27.NOV.2015 02:42:37

Highest channel

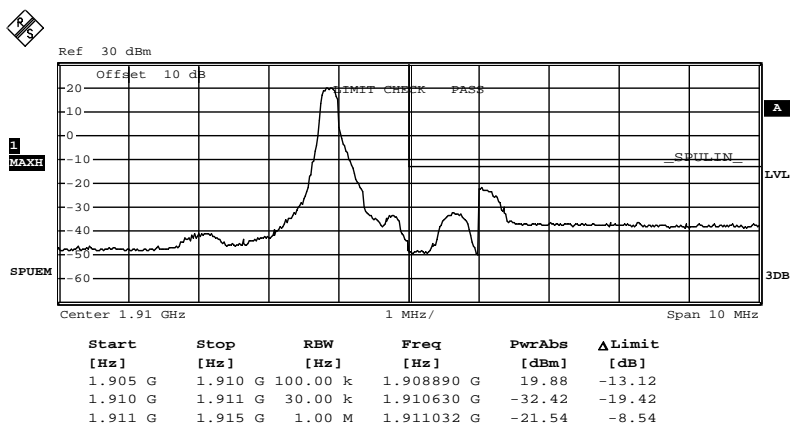
Test Mode:

LTE band 2(16QAM RB Size 1 &RB Offset0)



Date: 27.NOV.2015 02:33:26

Lowest channel

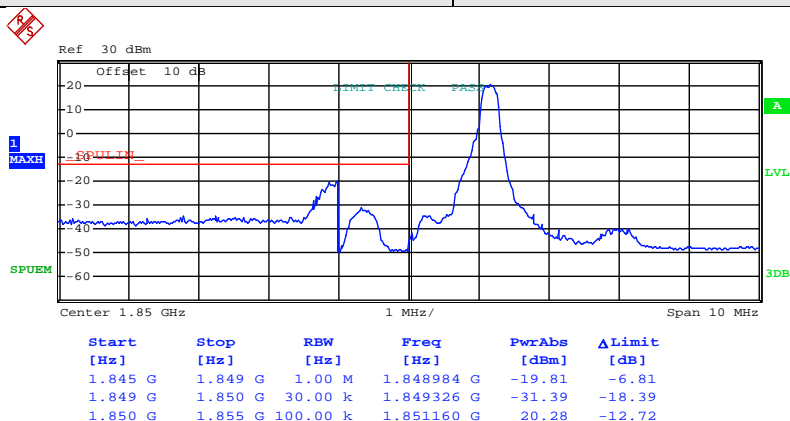


Date: 27.NOV.2015 02:38:36

Highest channel

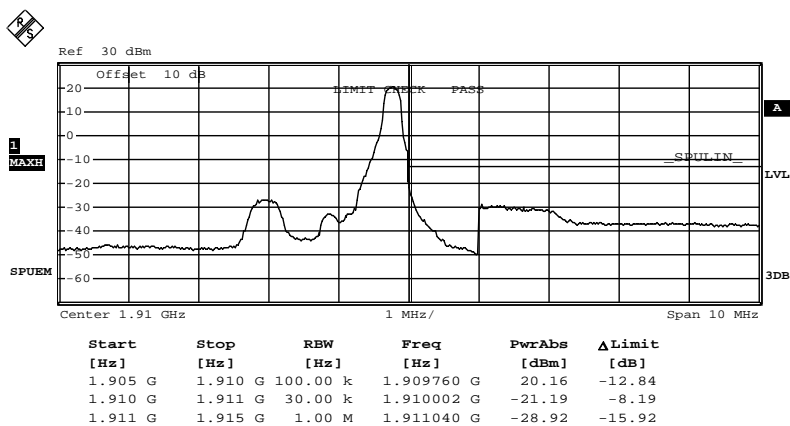
Test Mode:

LTE band 2(16QAM RB Size 1 &RB Offset5)



Date: 27.NOV.2015 02:33:39

Lowest channel

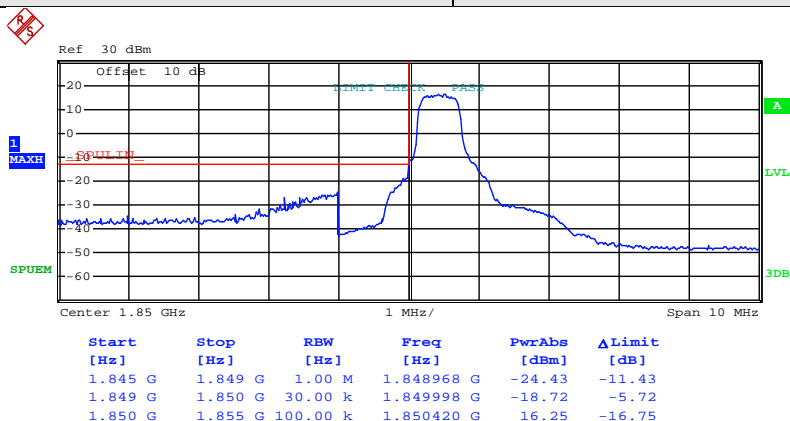


Date: 27.NOV.2015 02:39:59

Highest channel

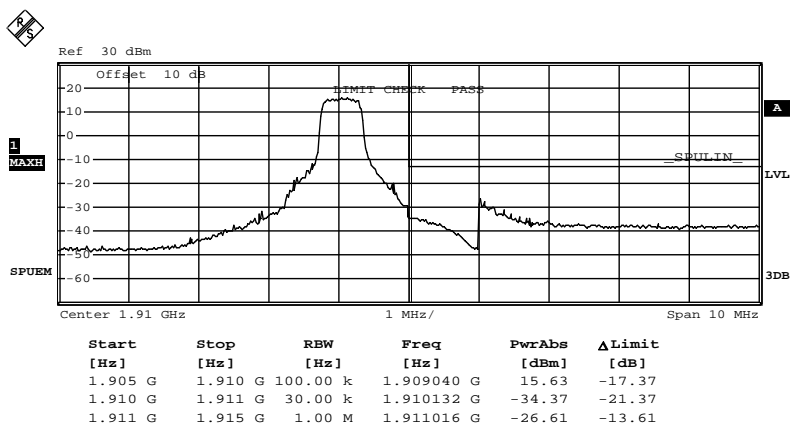
Test Mode:

LTE band 2(16QAM RB Size 3 &RB Offset0)



Date: 27.NOV.2015 02:34:25

Lowest channel

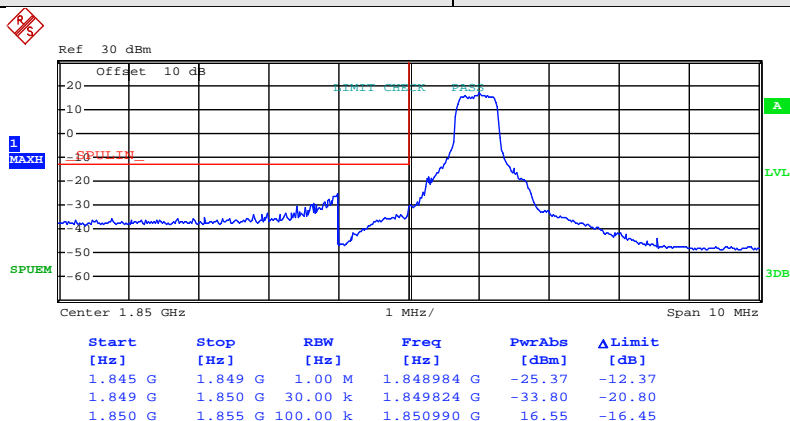


Date: 27.NOV.2015 02:41:24

Highest channel

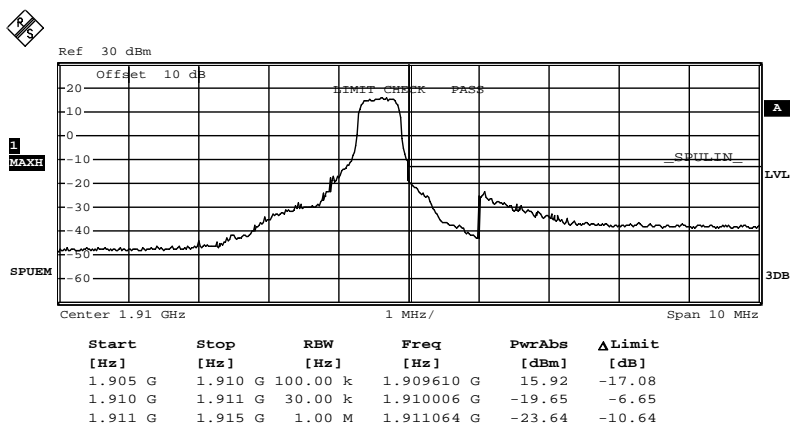
Test Mode:

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



Date: 27.NOV.2015 02:34:37

Lowest channel

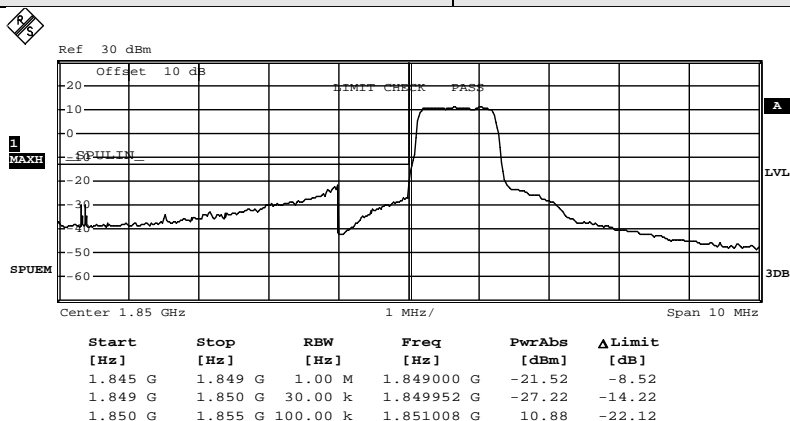


Date: 27.NOV.2015 02:42:15

Highest channel

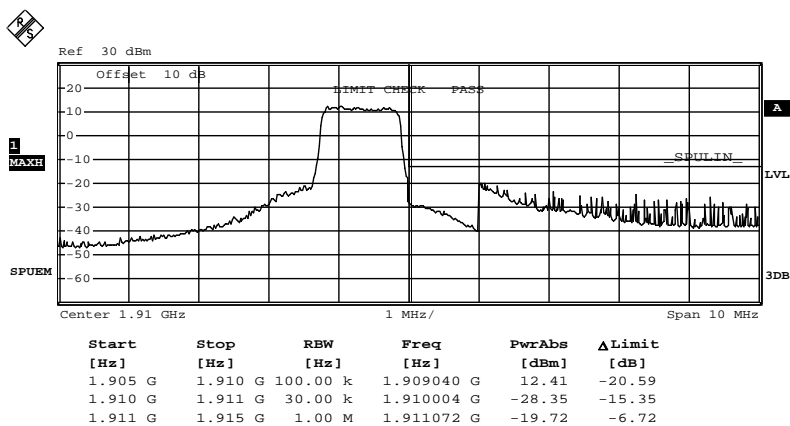
Test Mode:

LTE band 2(16QAM RB Size 6& RB Offset 0)



Date: 27.NOV.2015 02:37:11

Lowest channel

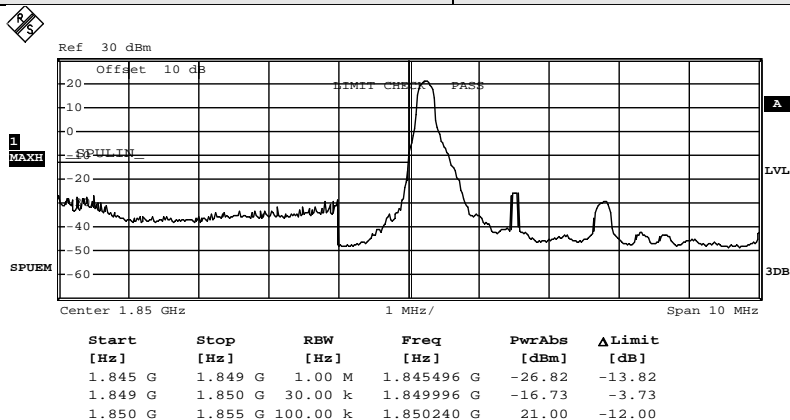


Date: 27.NOV.2015 02:42:49

Highest channel

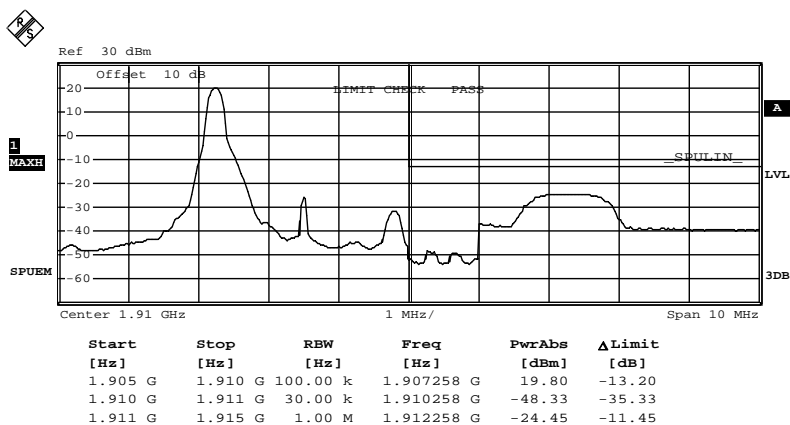
3MHz:

Test Mode:	LTE band 2(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 02:46:21

Lowest channel

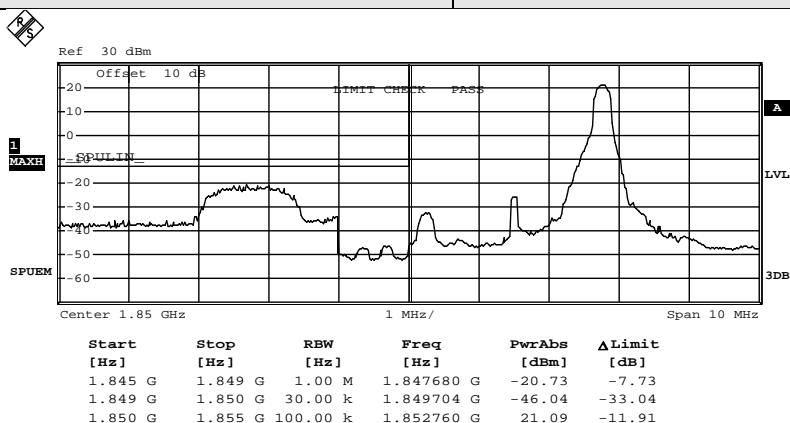


Date: 27.NOV.2015 02:51:21

Highest channel

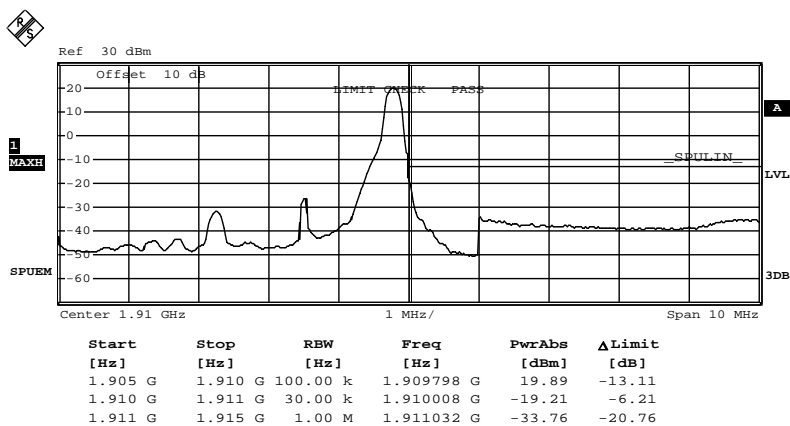
Test Mode:

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



Date: 27.NOV.2015 02:47:05

Lowest channel

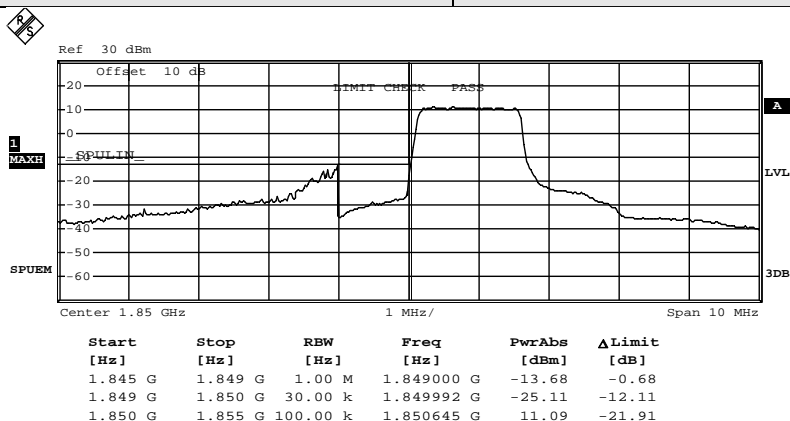


Date: 27.NOV.2015 02:52:10

Highest channel

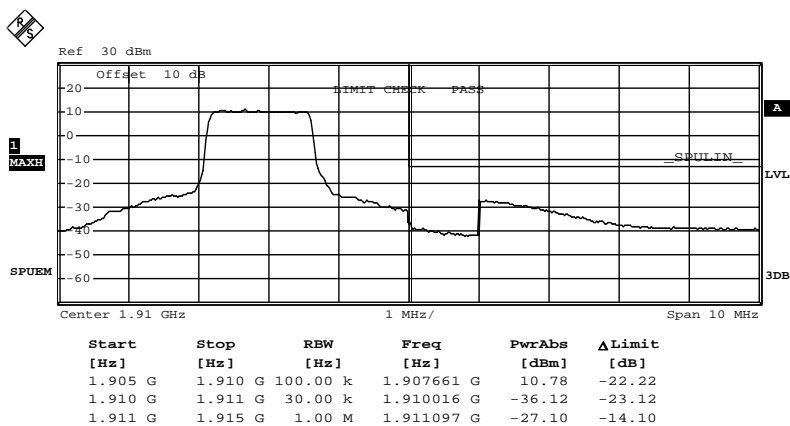
Test Mode:

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



Date: 27.NOV.2015 02:47:49

Lowest channel

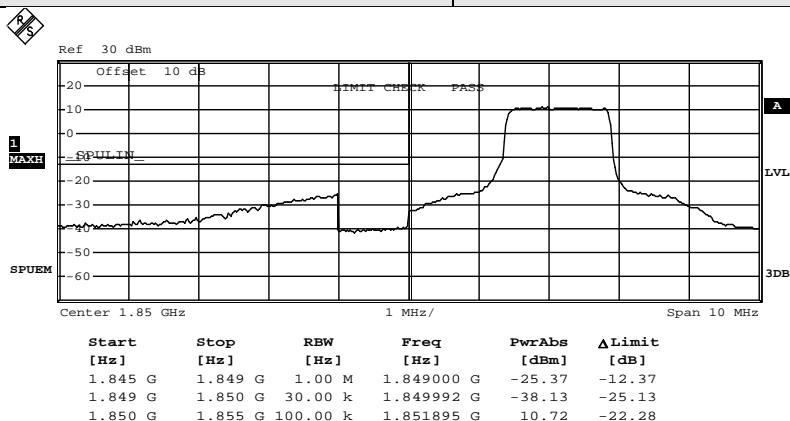


Date: 27.NOV.2015 02:53:09

Highest channel

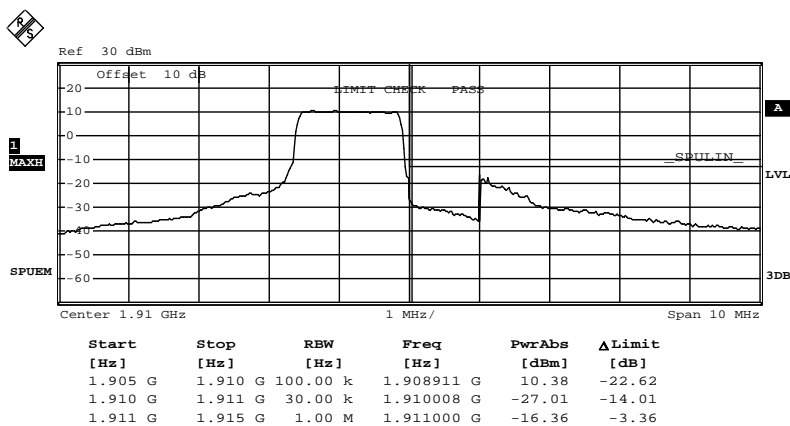
Test Mode:

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



Date: 27.NOV.2015 02:48:34

Lowest channel

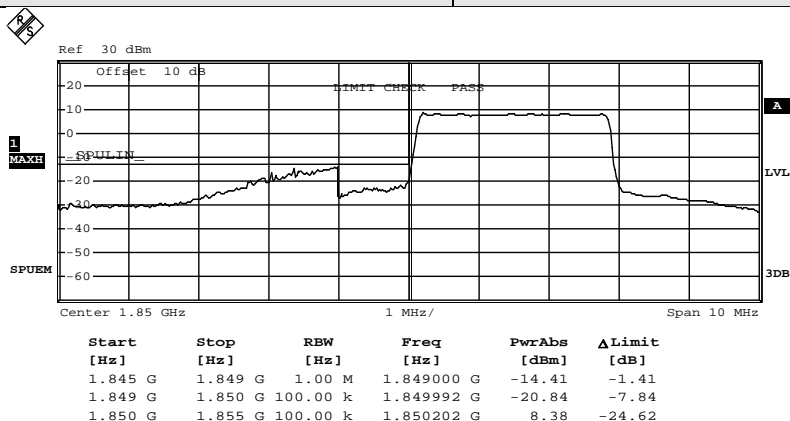


Date: 27.NOV.2015 02:53:53

Highest channel

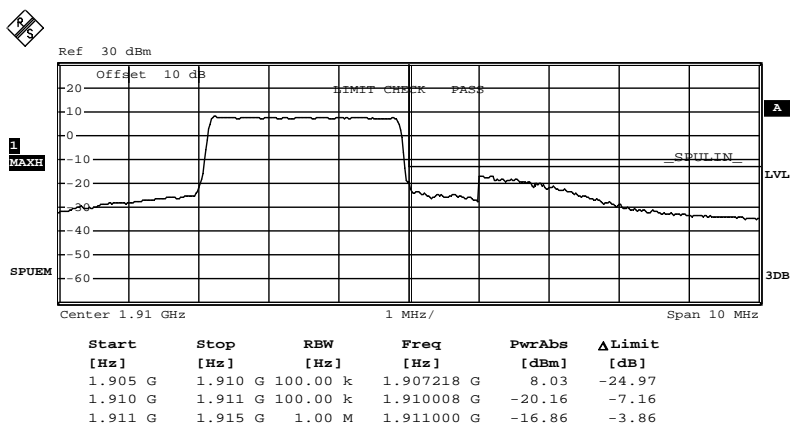
Test Mode:

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



Date: 27.NOV.2015 02:49:12

Lowest channel

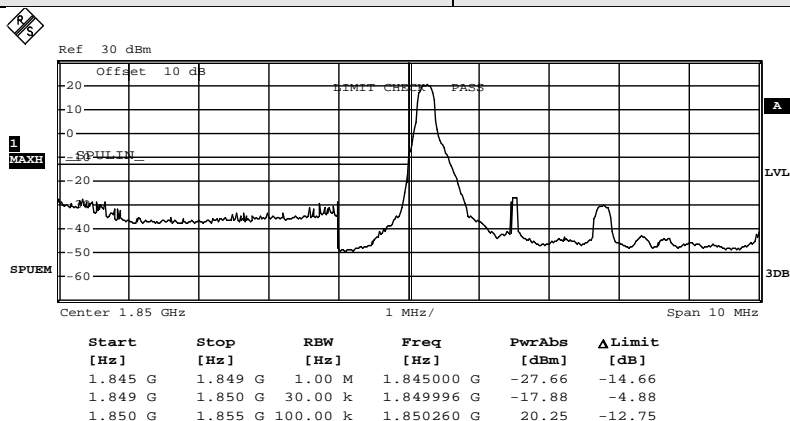


Date: 27.NOV.2015 02:54:15

Highest channel

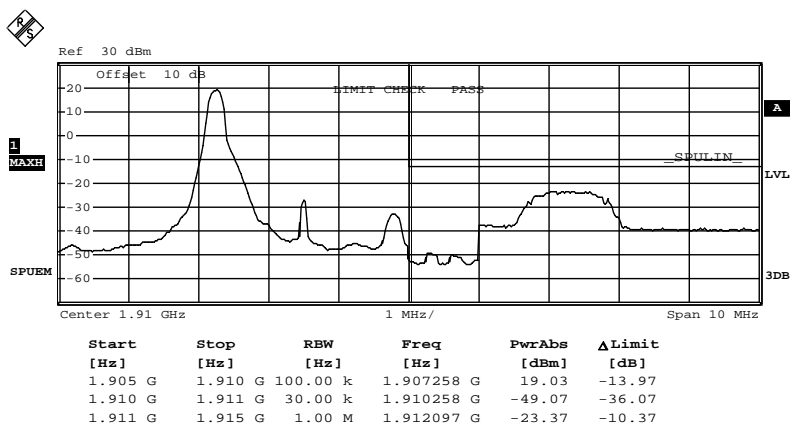
Test Mode:

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



Date: 27.NOV.2015 02:46:36

Lowest channel

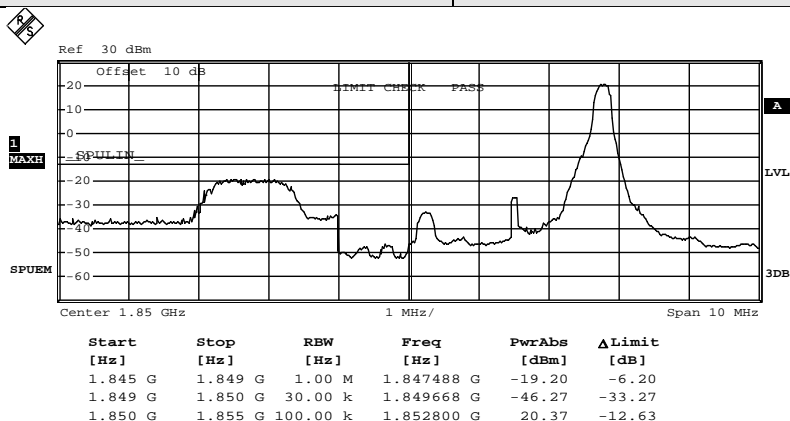


Date: 27.NOV.2015 02:51:37

Highest channel

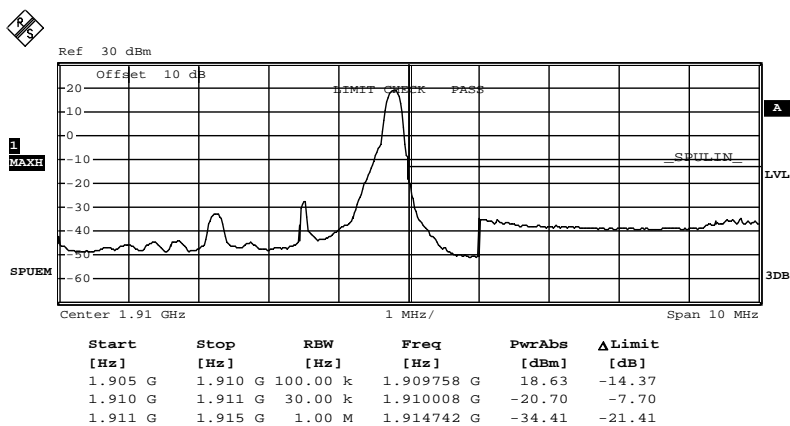
Test Mode:

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



Date: 27.NOV.2015 02:46:54

Lowest channel

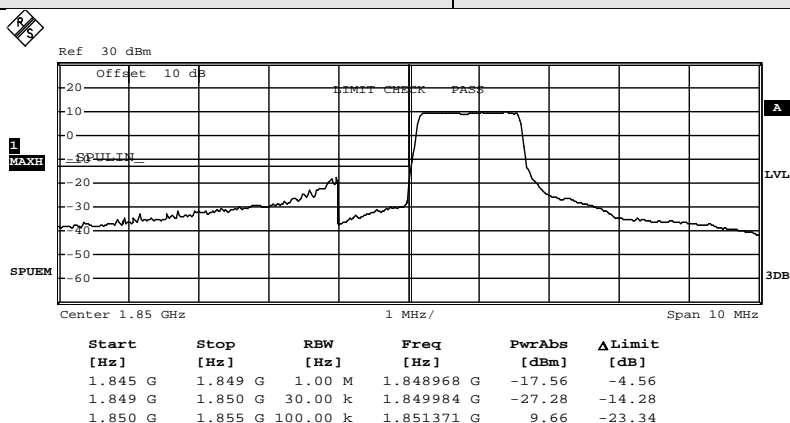


Date: 27.NOV.2015 02:51:57

Highest channel

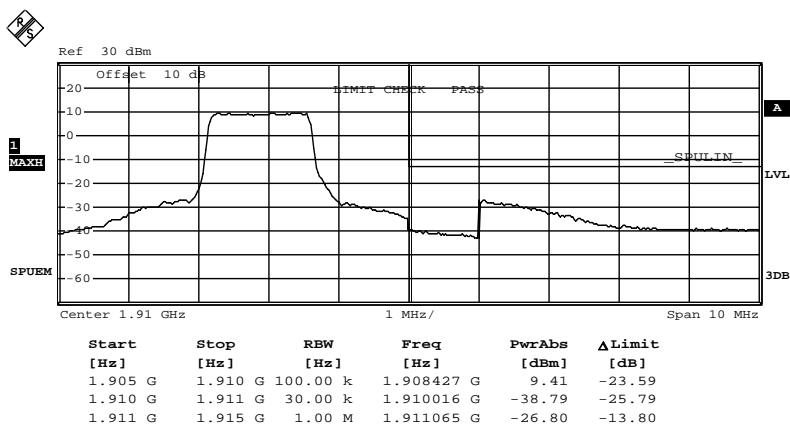
Test Mode:

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



Date: 27.NOV.2015 02:48:04

Lowest channel

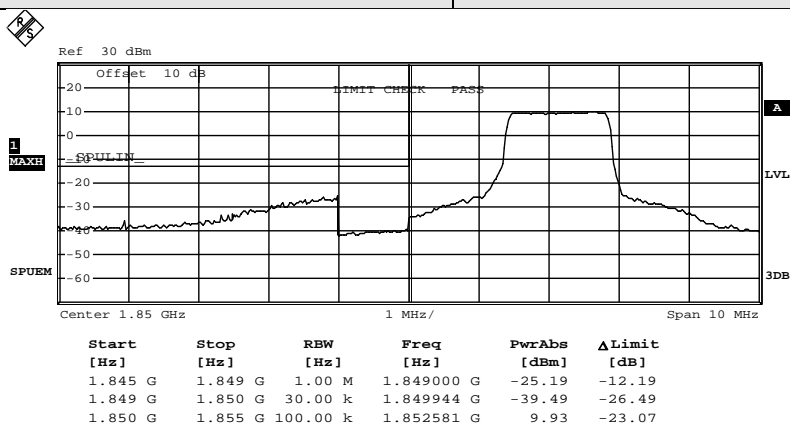


Date: 27.NOV.2015 02:53:23

Highest channel

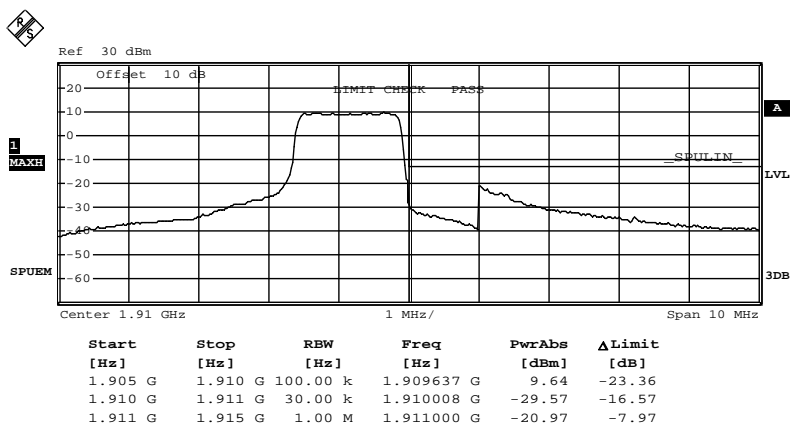
Test Mode:

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



Date: 27.NOV.2015 02:48:17

Lowest channel

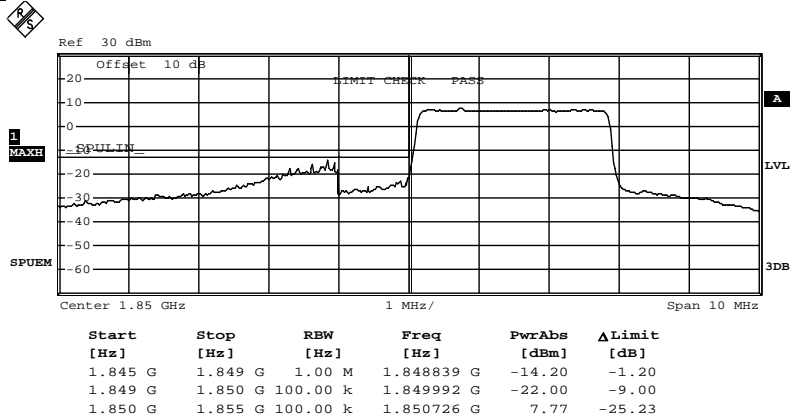


Date: 27.NOV.2015 02:53:37

Highest channel

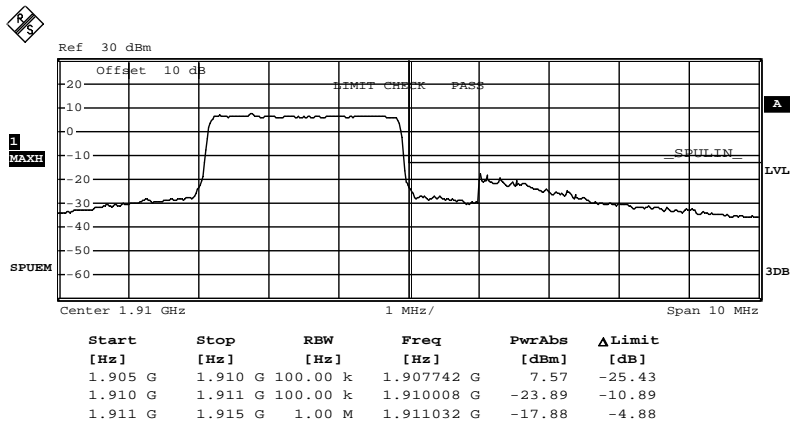
Test Mode:

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



Date: 27.NOV.2015 02:49:27

Lowest channel

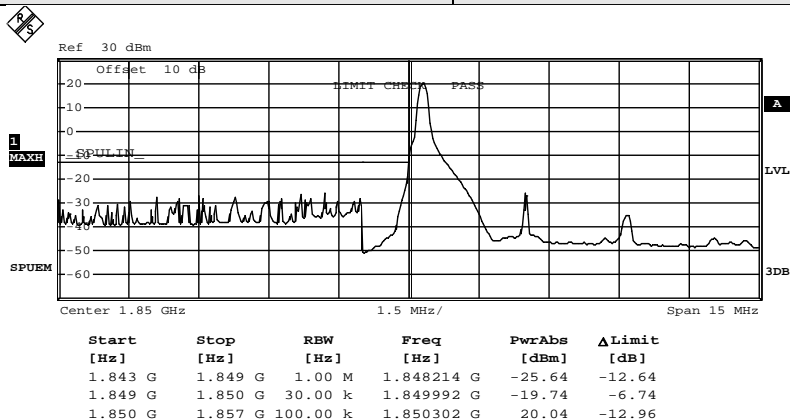


Date: 27.NOV.2015 02:54:27

Highest channel

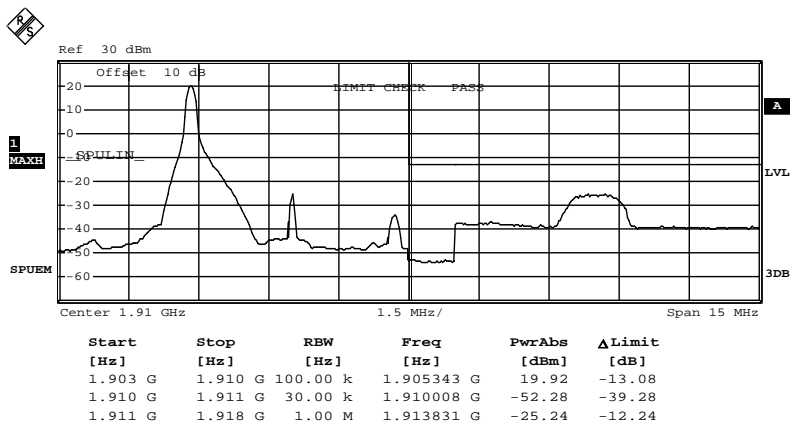
5MHz:

Test Mode:	LTE band 2(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 02:55:46

Lowest channel

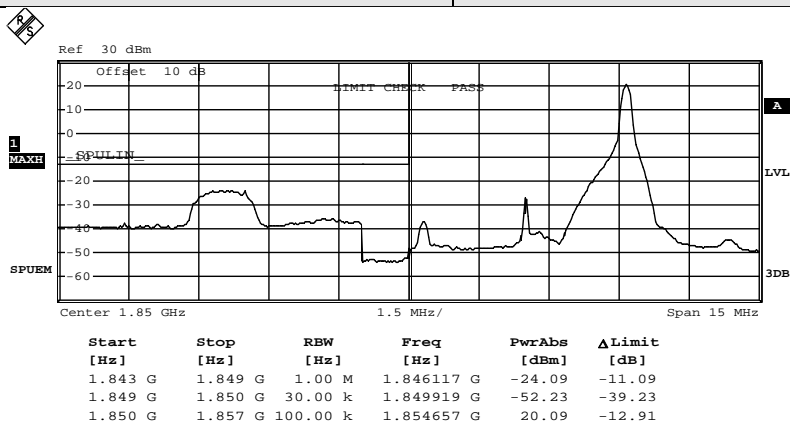


Date: 27.NOV.2015 03:00:08

Highest channel

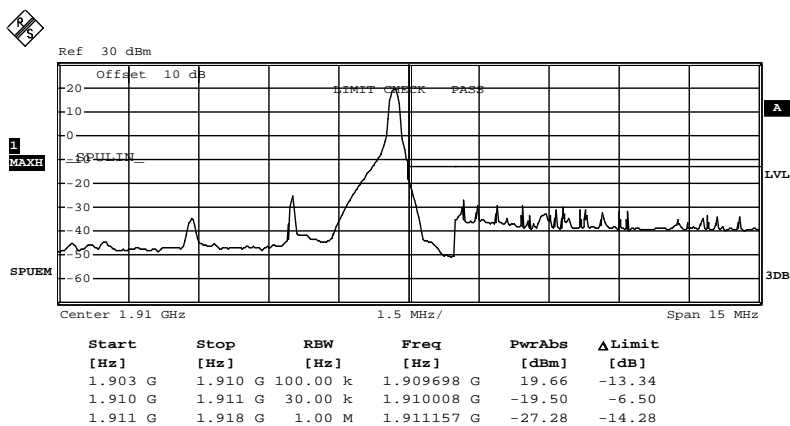
Test Mode:

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



Date: 27.NOV.2015 02:56:30

Lowest channel

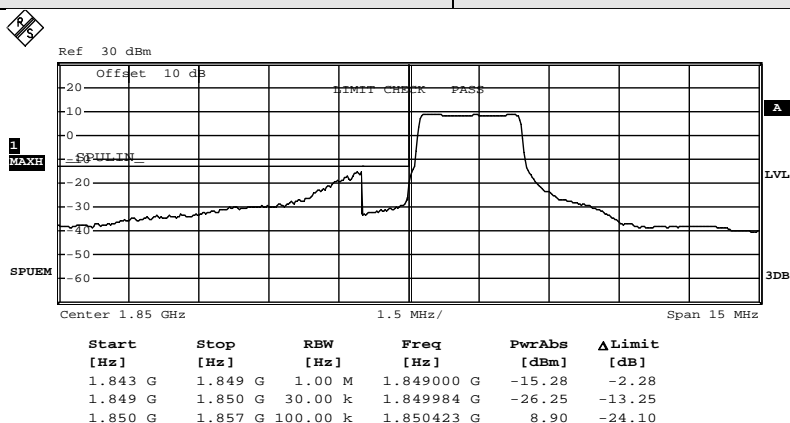


Date: 27.NOV.2015 03:01:01

Highest channel

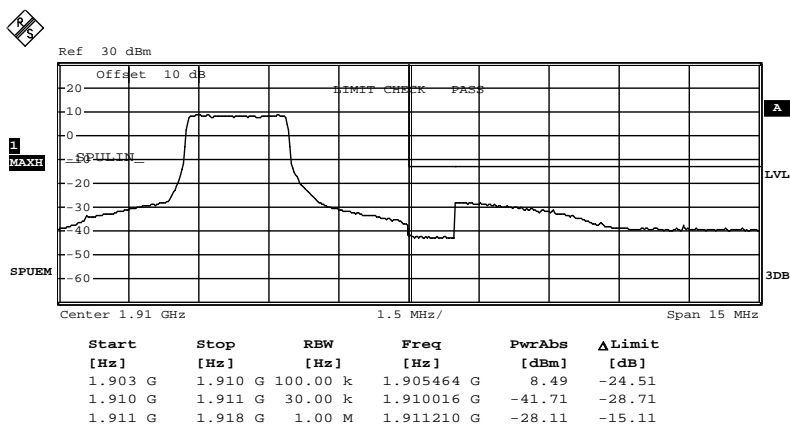
Test Mode:

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



Date: 27.NOV.2015 02:56:53

Lowest channel

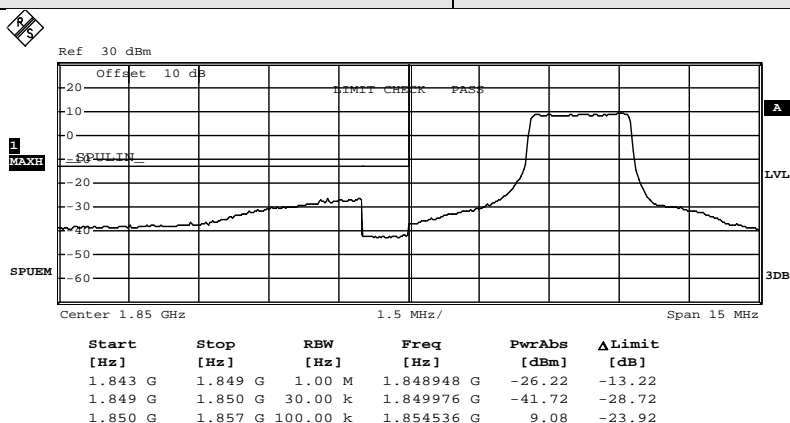


Date: 27.NOV.2015 03:01:22

Highest channel

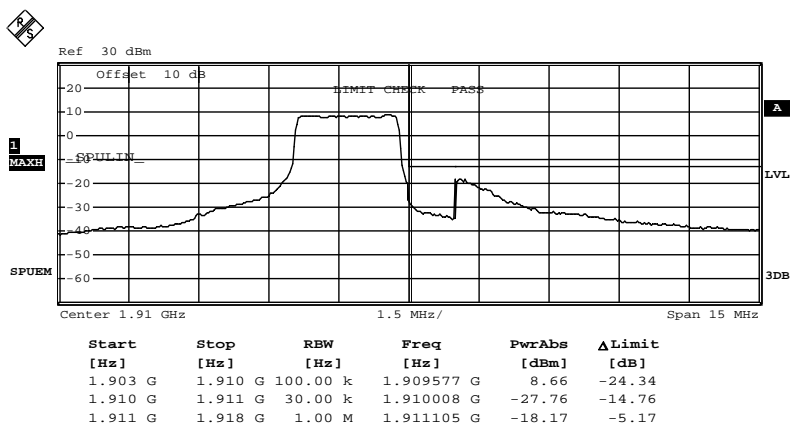
Test Mode:

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



Date: 27.NOV.2015 02:58:03

Lowest channel

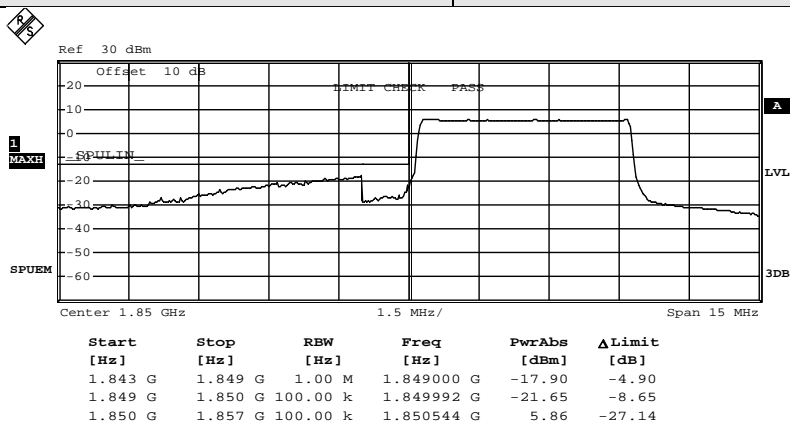


Date: 27.NOV.2015 03:02:23

Highest channel

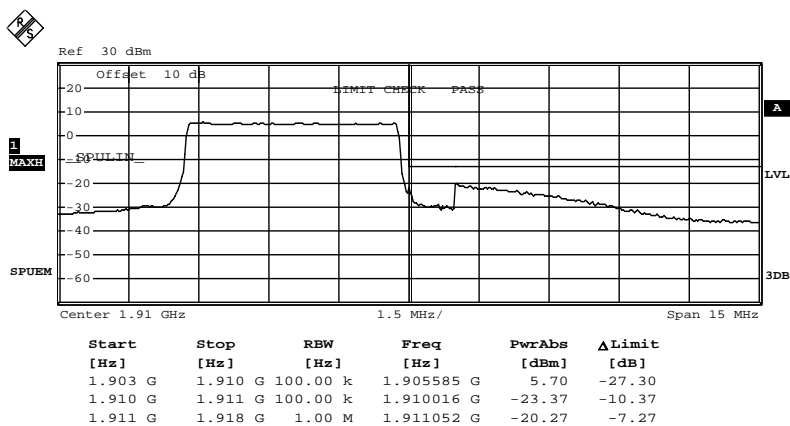
Test Mode:

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



Date: 27.NOV.2015 02:59:04

Lowest channel

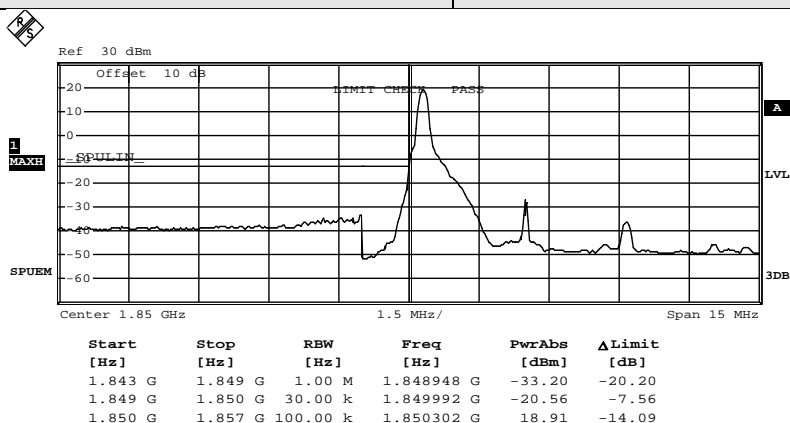


Date: 27.NOV.2015 03:02:51

Highest channel

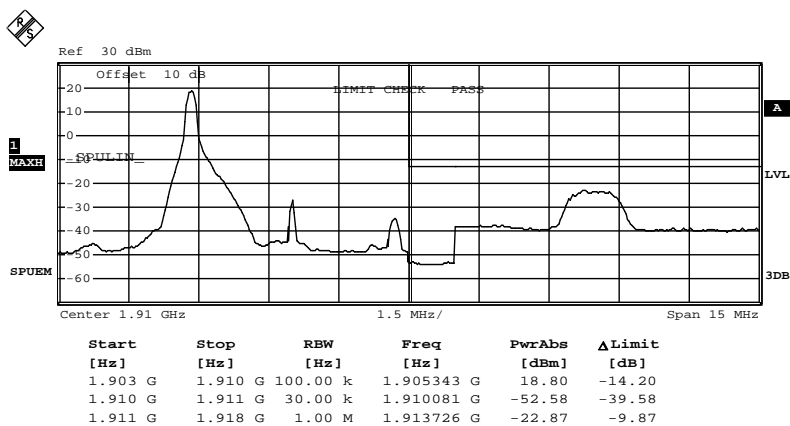
Test Mode:

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



Date: 27.NOV.2015 02:56:01

Lowest channel

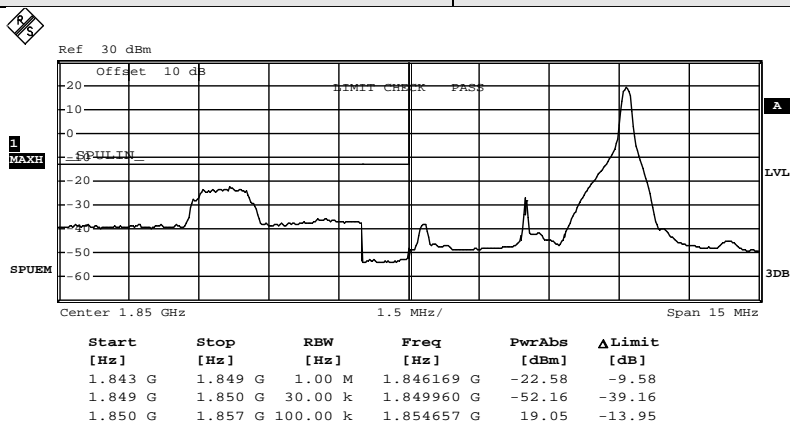


Date: 27.NOV.2015 03:00:24

Highest channel

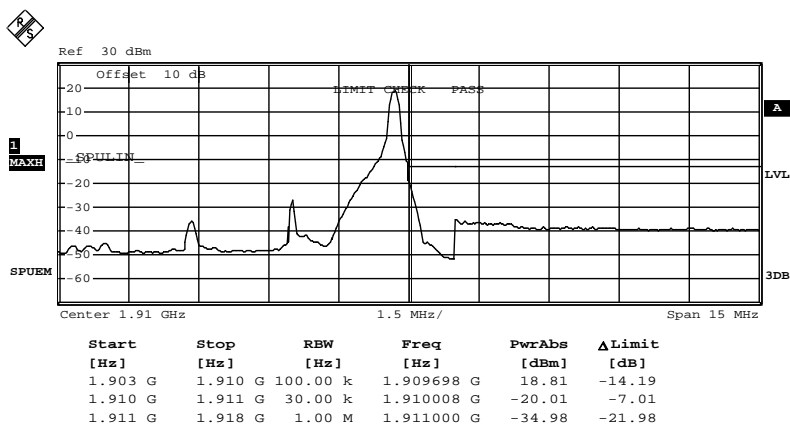
Test Mode:

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



Date: 27.NOV.2015 02:56:19

Lowest channel

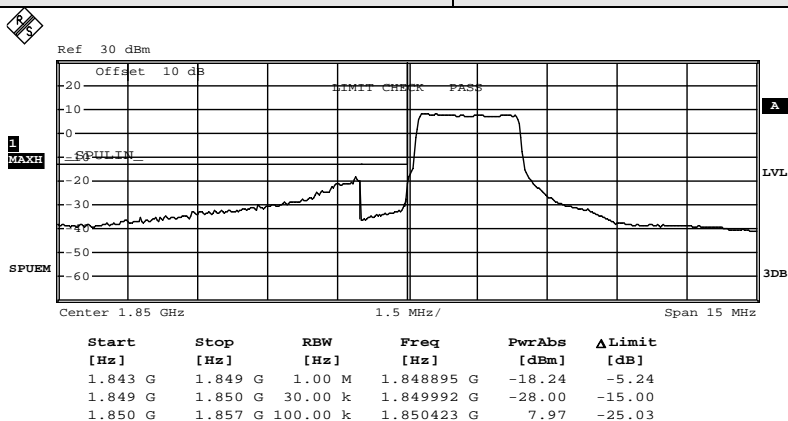


Date: 27.NOV.2015 03:00:40

Highest channel

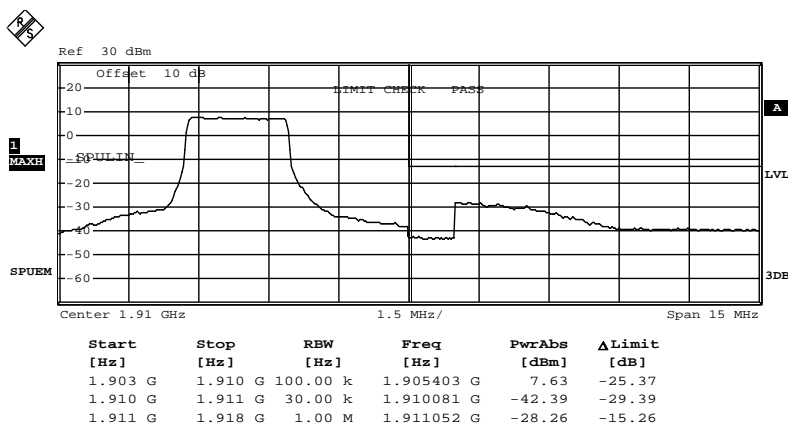
Test Mode:

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



Date: 27.NOV.2015 02:57:07

Lowest channel

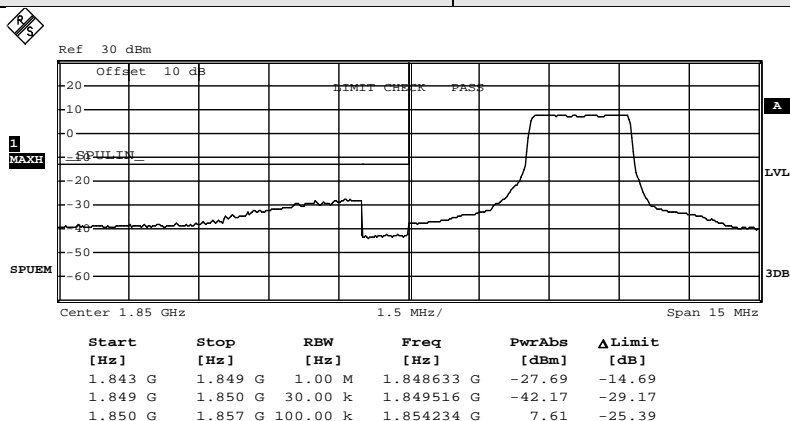


Date: 27.NOV.2015 03:01:36

Highest channel

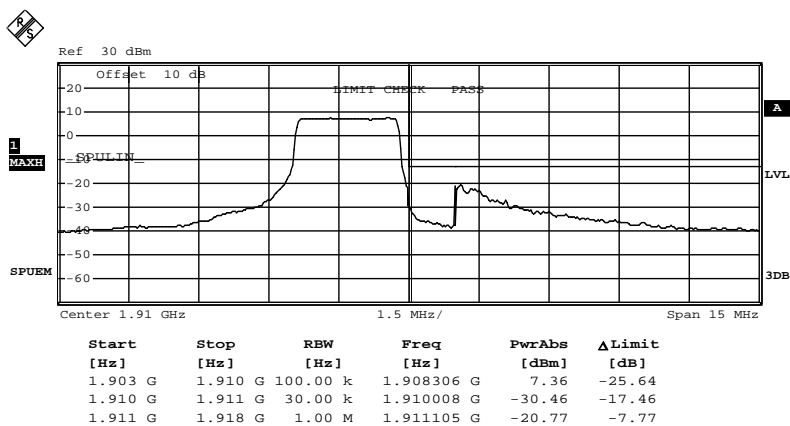
Test Mode:

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



Date: 27.NOV.2015 02:58:19

Lowest channel

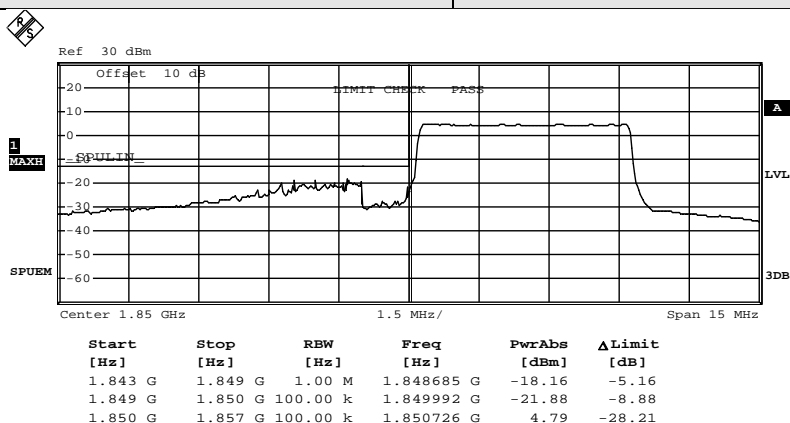


Date: 27.NOV.2015 03:02:06

Highest channel

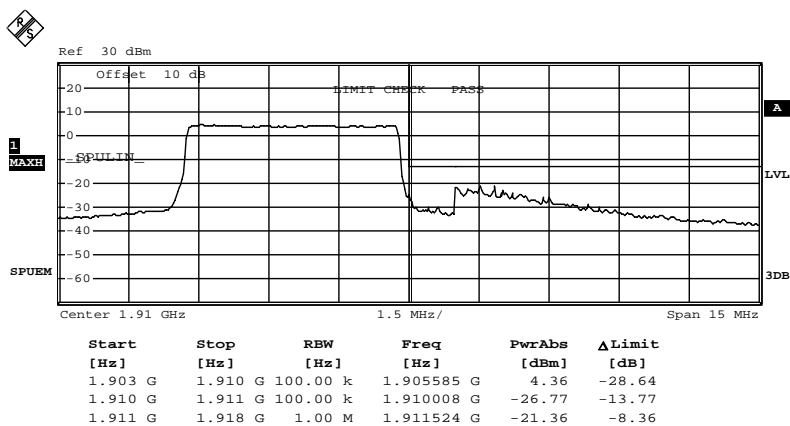
Test Mode:

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



Date: 27.NOV.2015 02:59:16

Lowest channel

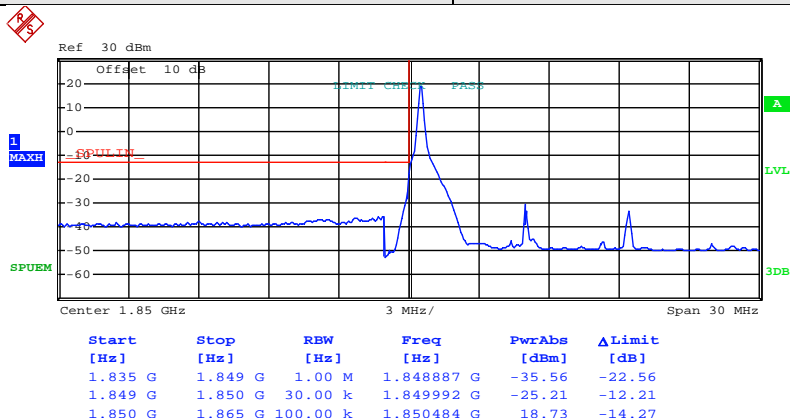


Date: 27.NOV.2015 03:03:02

Highest channel

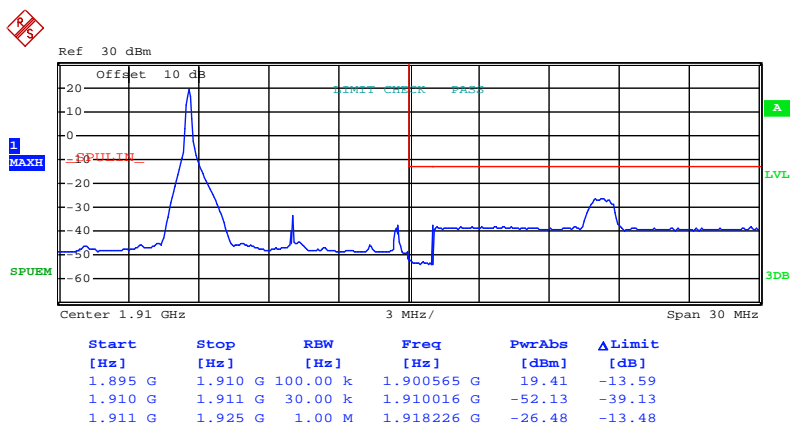
10MHz:

Test Mode:	LTE band 2(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 04:45:07

Lowest channel

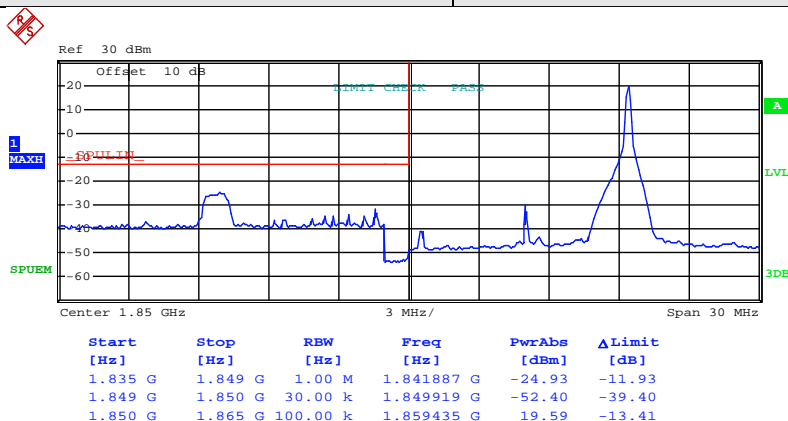


Date: 27.NOV.2015 04:51:52

Highest channel

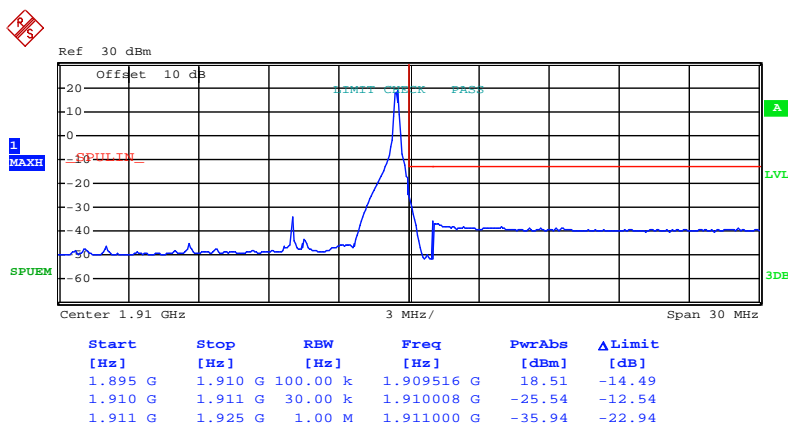
Test Mode:

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



Date: 27.NOV.2015 04:45:46

Lowest channel

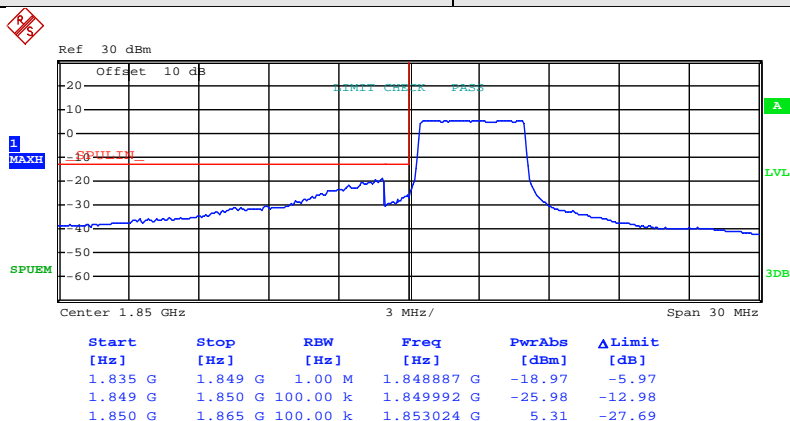


Date: 27.NOV.2015 04:52:35

Highest channel

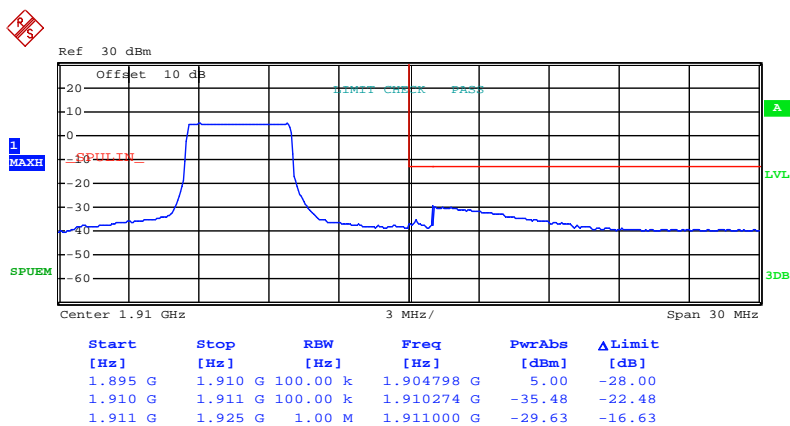
Test Mode:

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



Date: 27.NOV.2015 04:46:26

Lowest channel

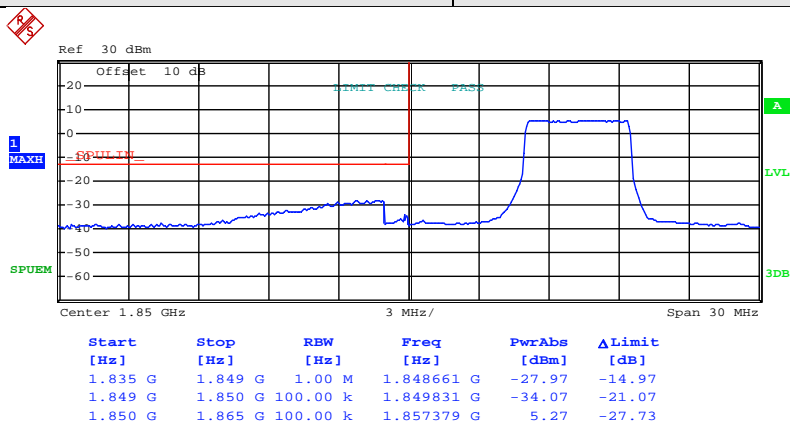


Date: 27.NOV.2015 04:53:06

Highest channel

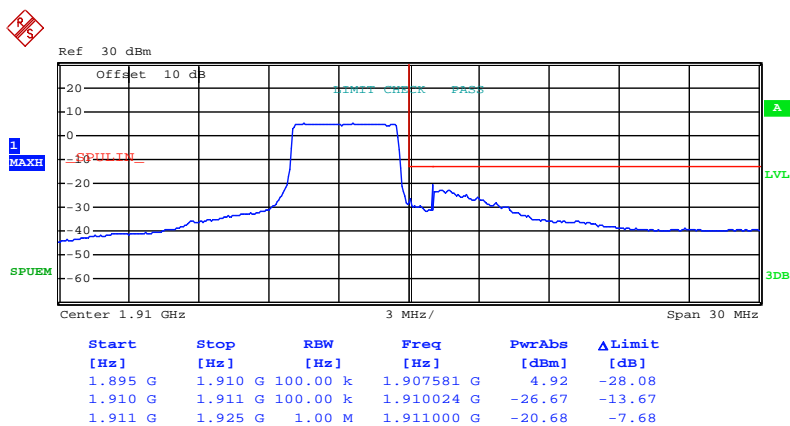
Test Mode:

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



Date: 27.NOV.2015 04:48:20

Lowest channel

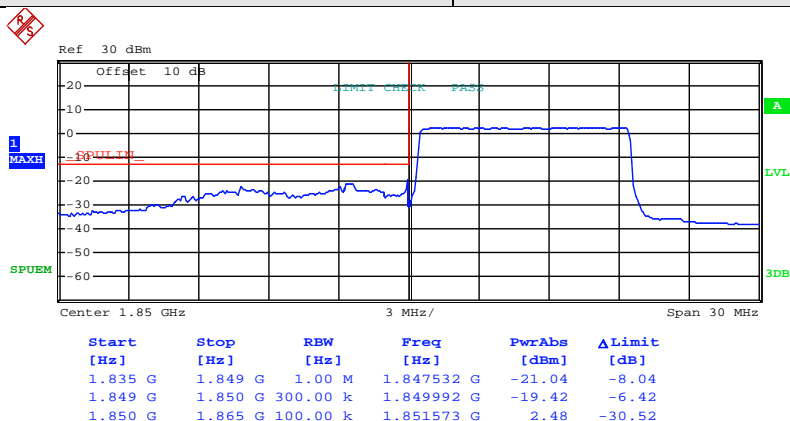


Date: 27.NOV.2015 04:54:01

Highest channel

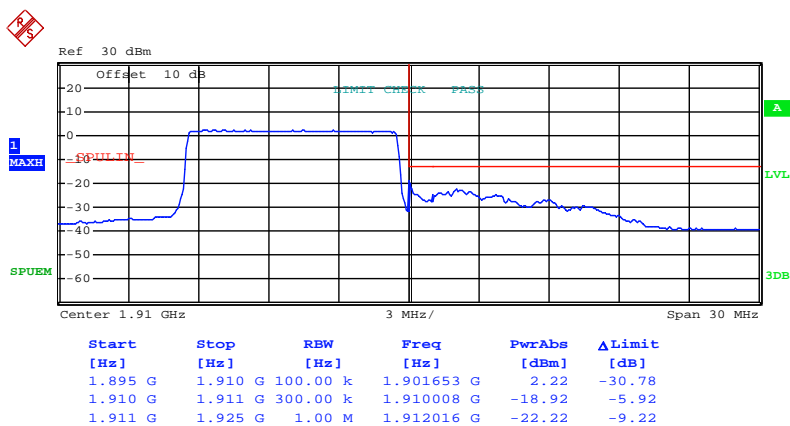
Test Mode:

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



Date: 27.NOV.2015 04:48:47

Lowest channel

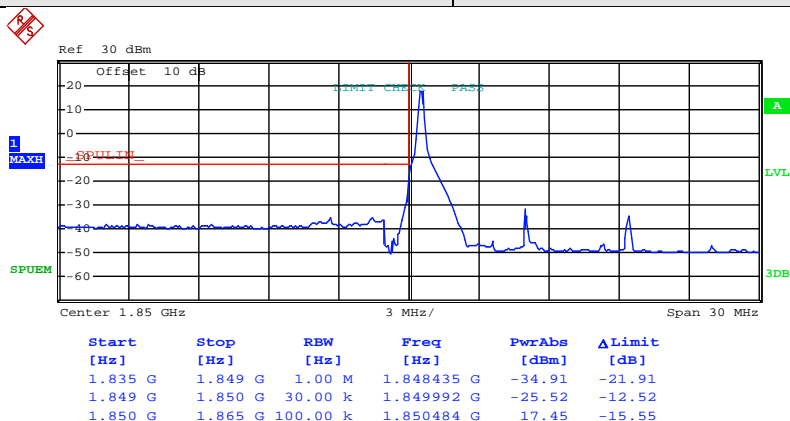


Date: 27.NOV.2015 04:54:43

Highest channel

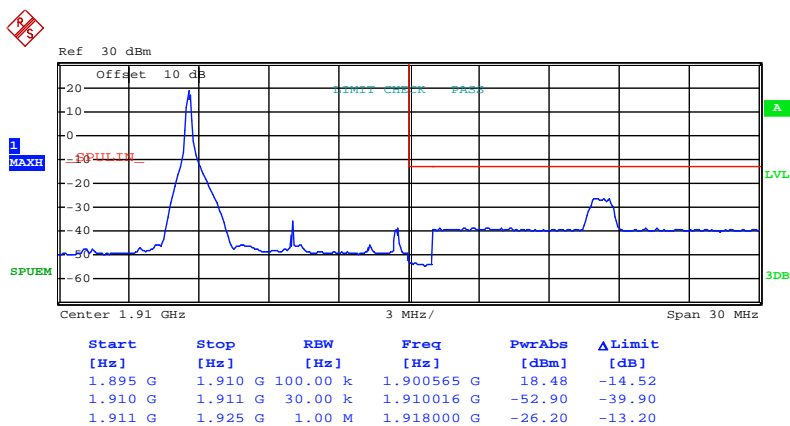
Test Mode:

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



Date: 27.NOV.2015 04:45:20

Lowest channel

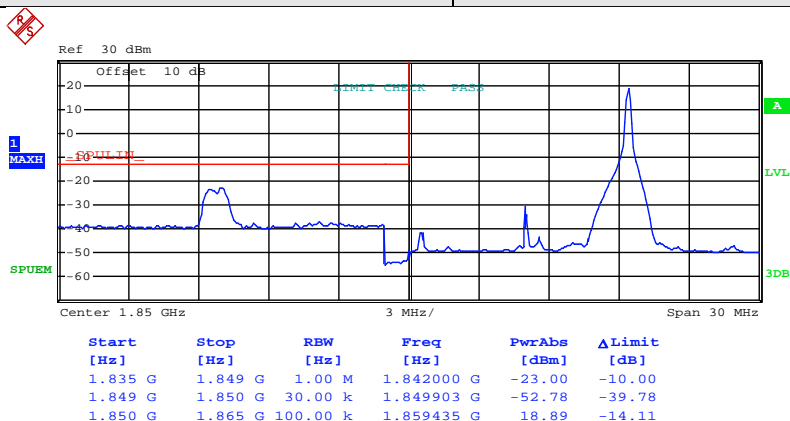


Date: 27.NOV.2015 04:52:08

Highest channel

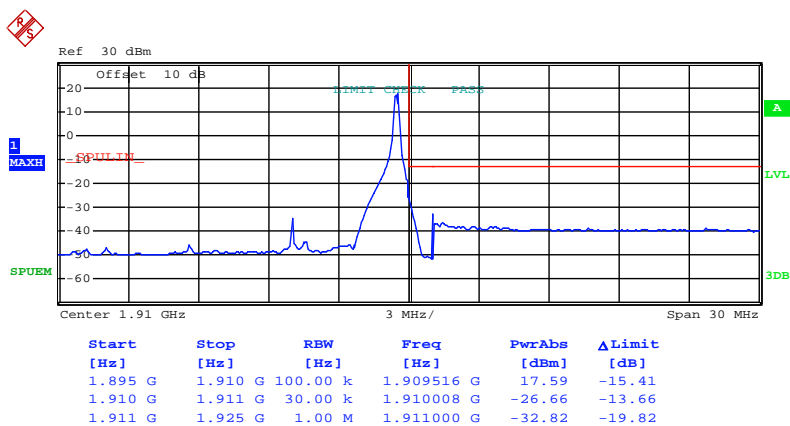
Test Mode:

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



Date: 27.NOV.2015 04:45:35

Lowest channel

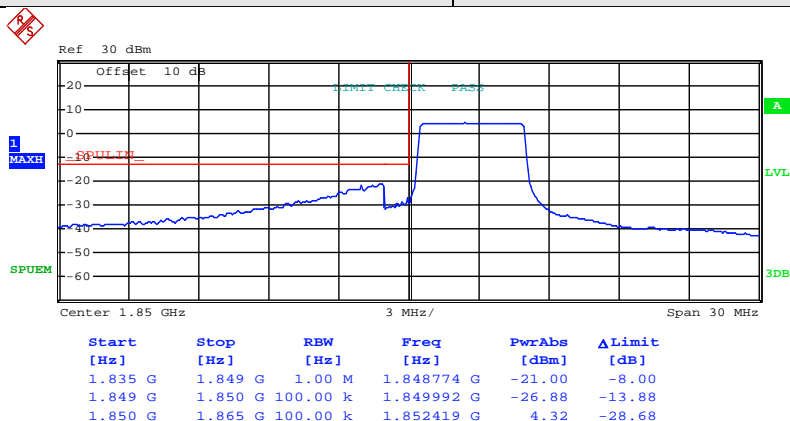


Date: 27.NOV.2015 04:52:22

Highest channel

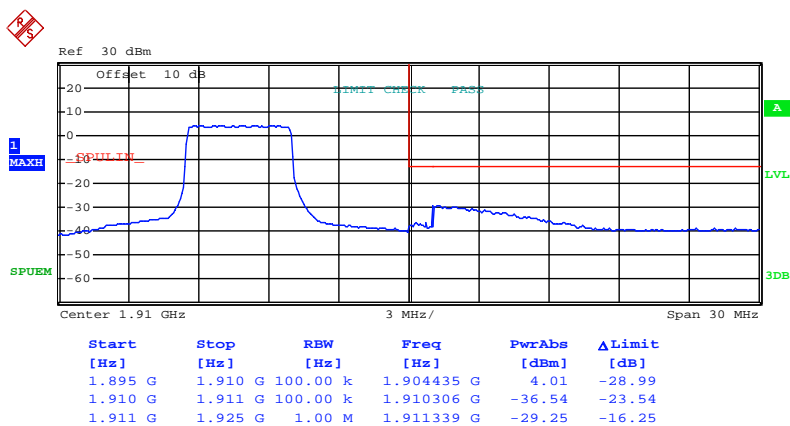
Test Mode:

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



Date: 27.NOV.2015 04:47:02

Lowest channel

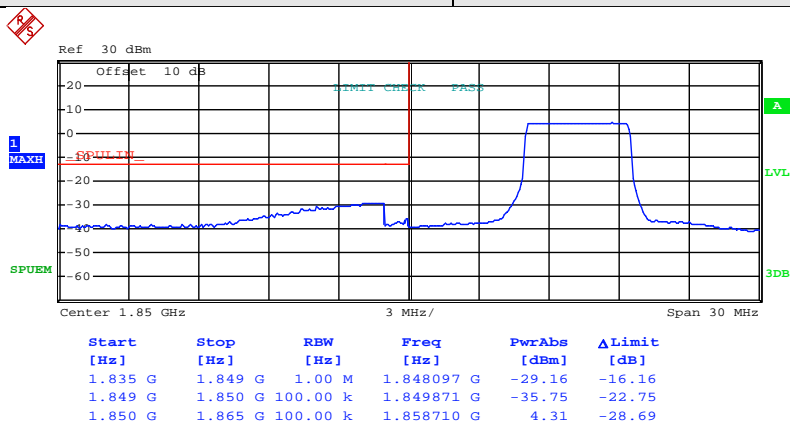


Date: 27.NOV.2015 04:53:19

Highest channel

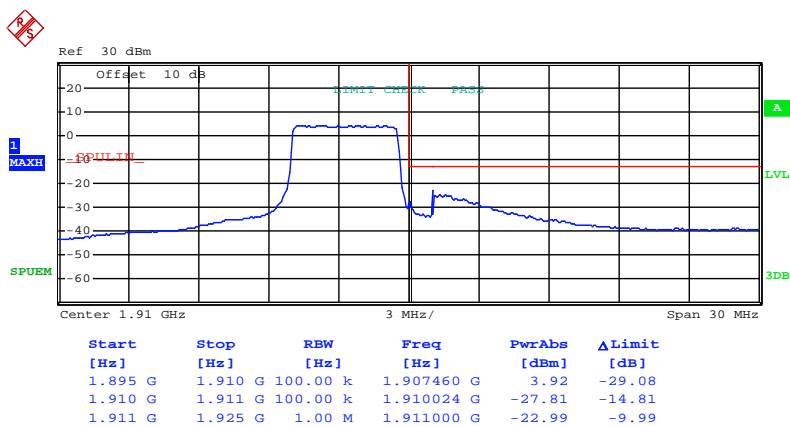
Test Mode:

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



Date: 27.NOV.2015 04:47:19

Lowest channel

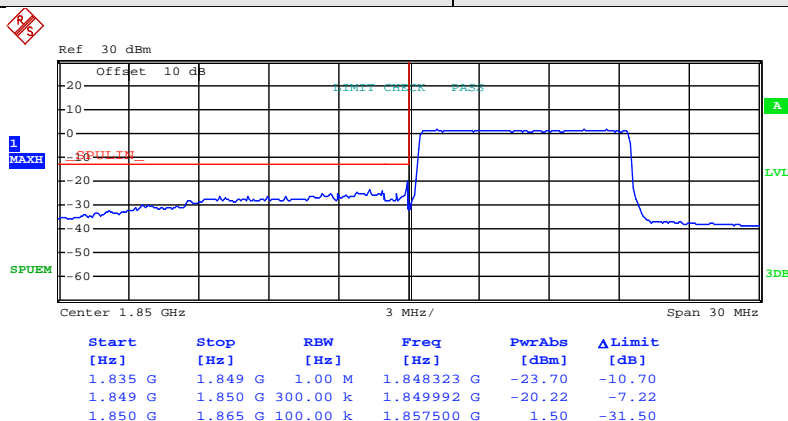


Date: 27.NOV.2015 04:53:47

Highest channel

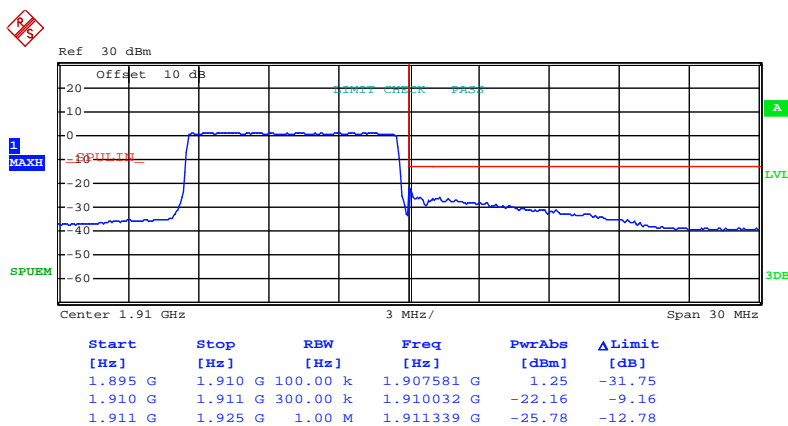
Test Mode:

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



Date: 27.NOV.2015 04:49:01

Lowest channel

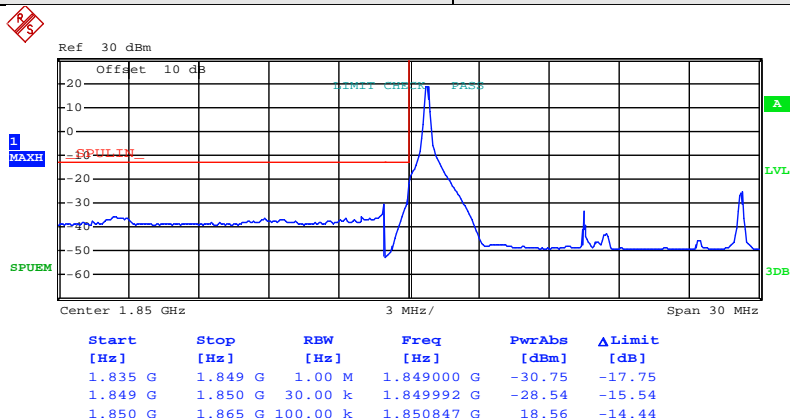


Date: 27.NOV.2015 04:55:28

Highest channel

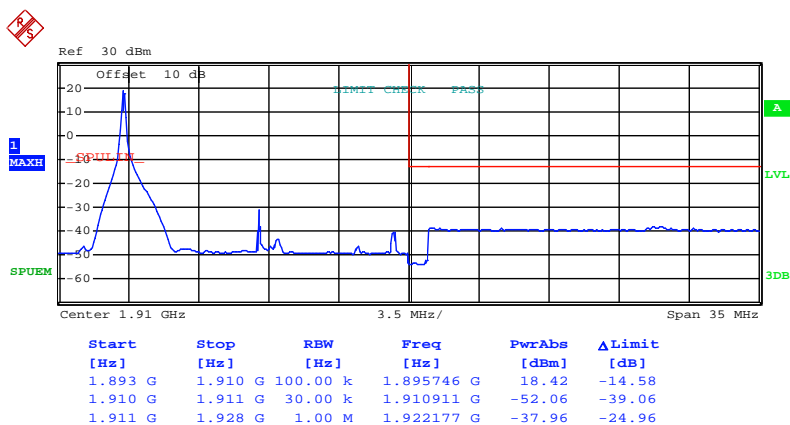
15MHz:

Test Mode:	LTE band 2(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 04:57:48

Lowest channel

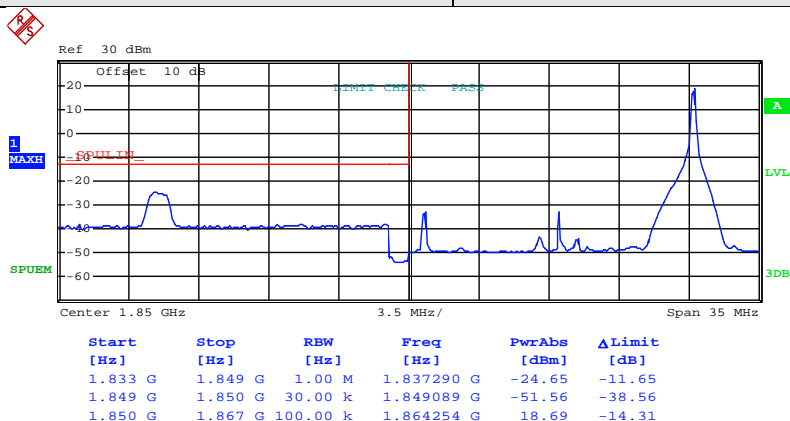


Date: 27.NOV.2015 04:09:30

Highest channel

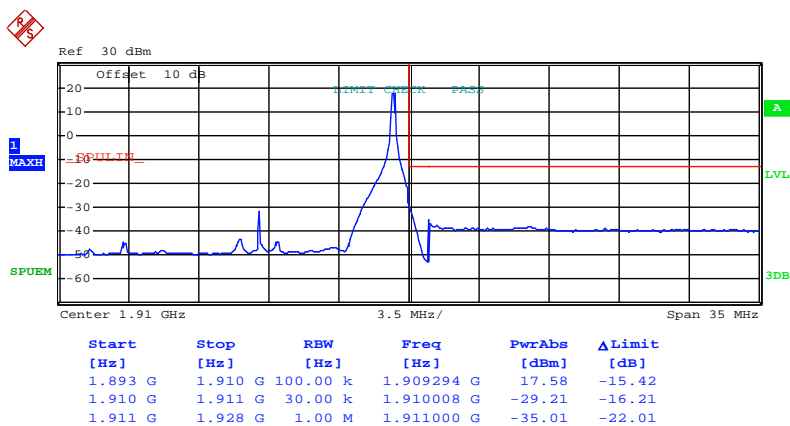
Test Mode:

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



Date: 27.NOV.2015 04:03:55

Lowest channel

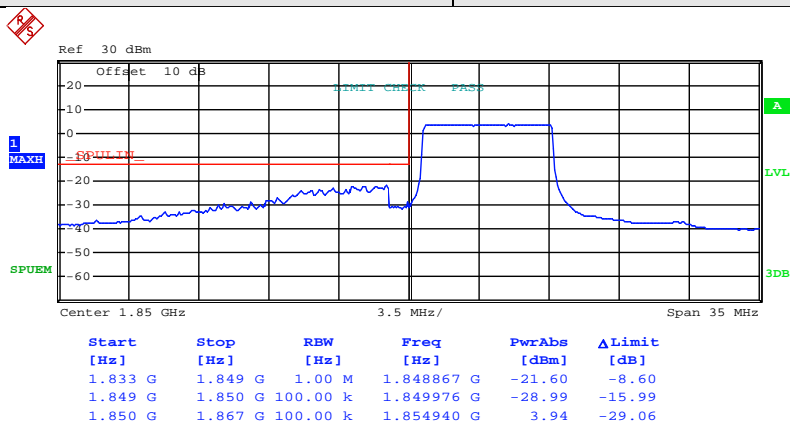


Date: 27.NOV.2015 04:10:06

Highest channel

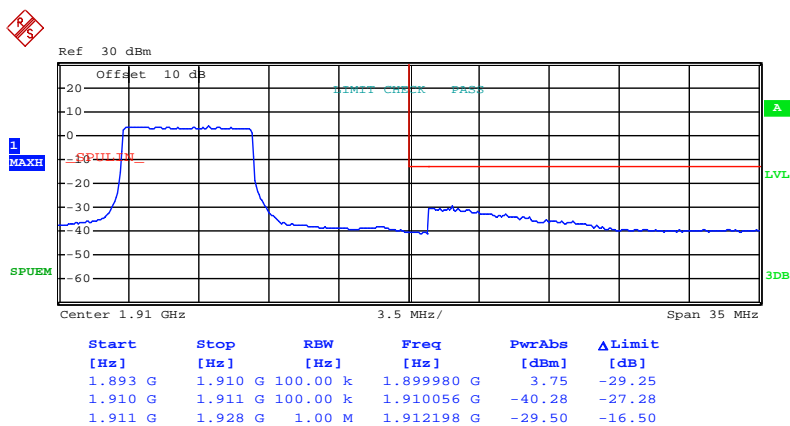
Test Mode:

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



Date: 27.NOV.2015 04:06:10

Lowest channel

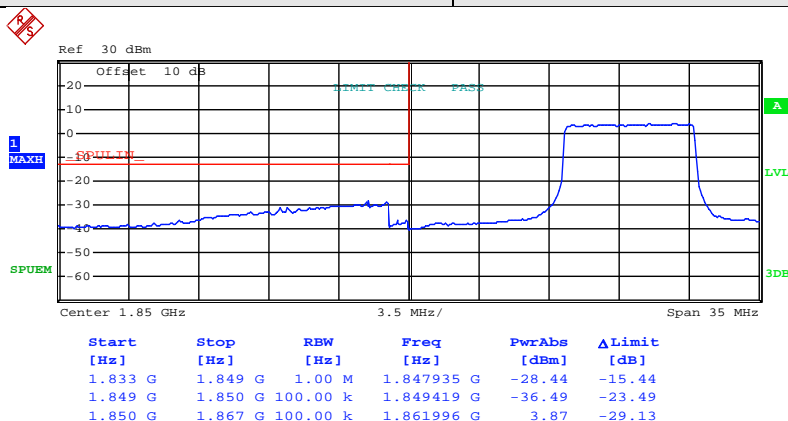


Date: 27.NOV.2015 04:10:55

Highest channel

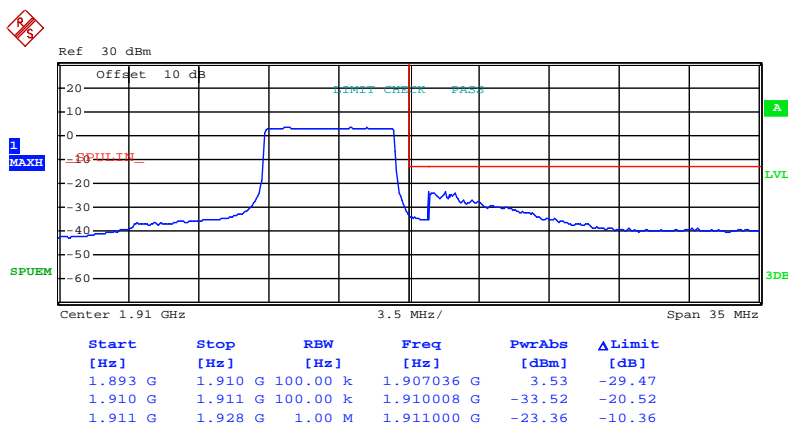
Test Mode:

LTE band 2(QPSK RB Size 36& RB Offset 37)



Date: 27.NOV.2015 04:07:51

Lowest channel

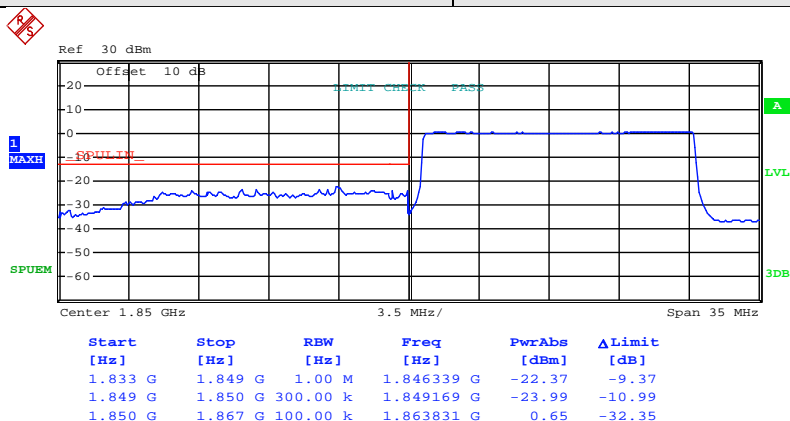


Date: 27.NOV.2015 04:11:36

Highest channel

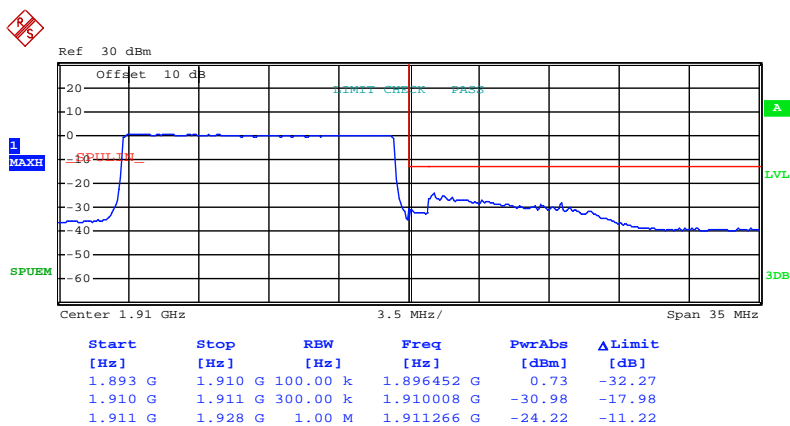
Test Mode:

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



Date: 27.NOV.2015 04:08:21

Lowest channel

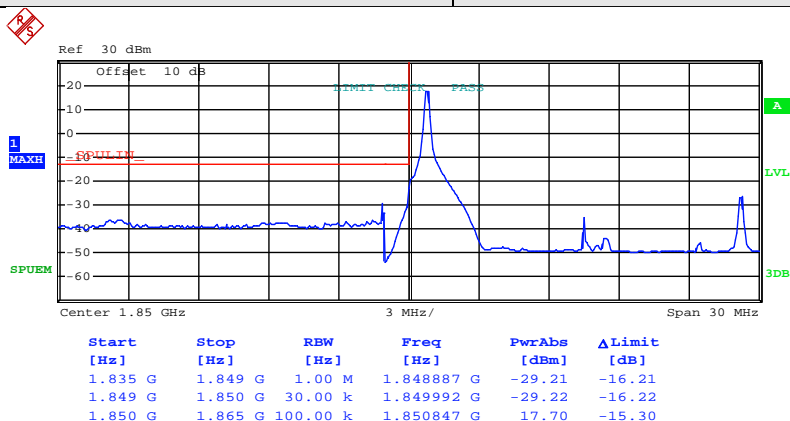


Date: 27.NOV.2015 04:12:06

Highest channel

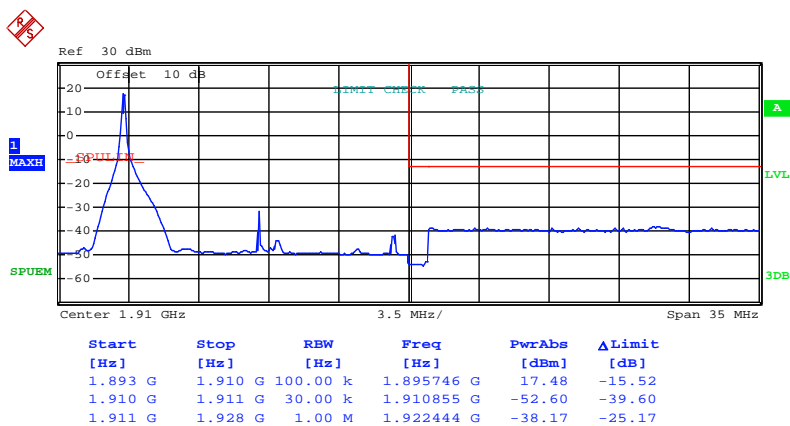
Test Mode:

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



Date: 27.NOV.2015 04:58:04

Lowest channel

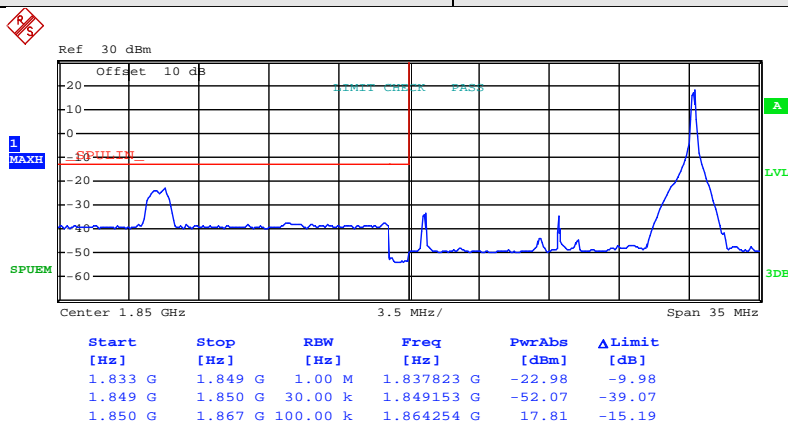


Date: 27.NOV.2015 04:09:44

Highest channel

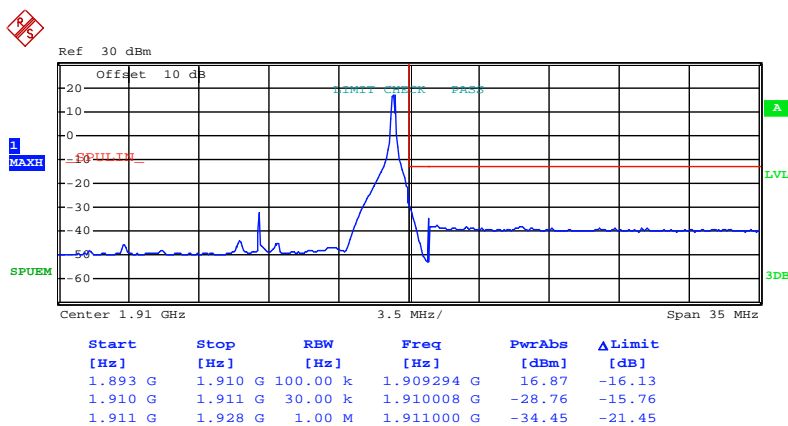
Test Mode:

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



Date: 27.NOV.2015 04:03:25

Lowest channel

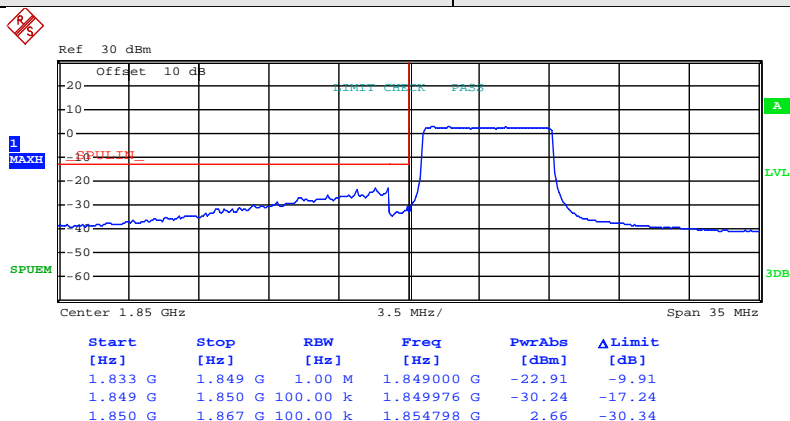


Date: 27.NOV.2015 04:09:56

Highest channel

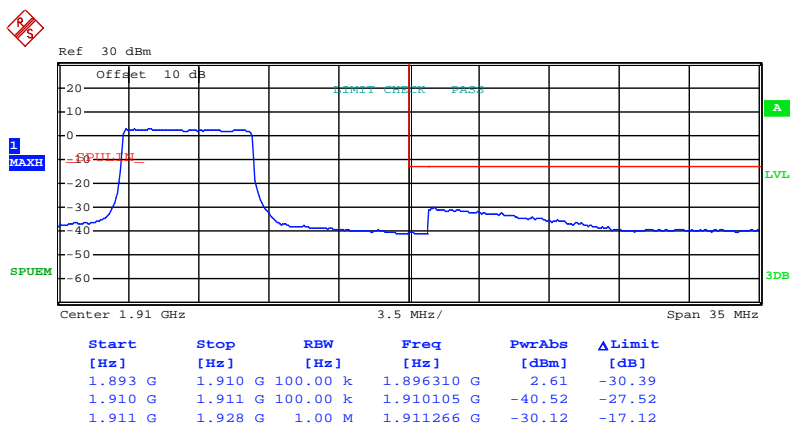
Test Mode:

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



Date: 27.NOV.2015 04:07:14

Lowest channel

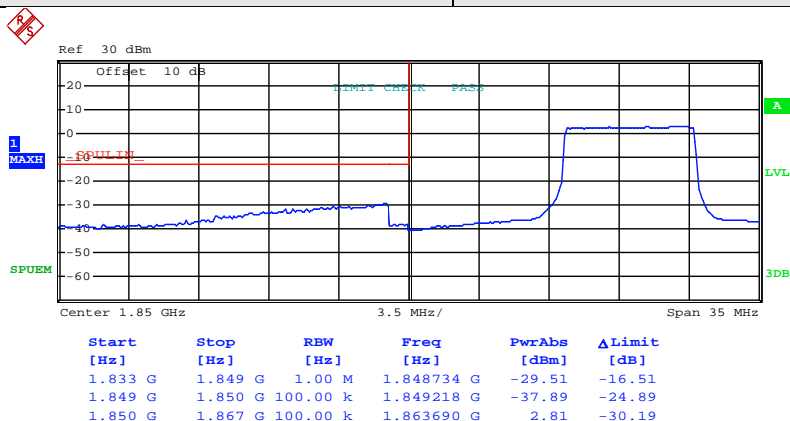


Date: 27.NOV.2015 04:11:09

Highest channel

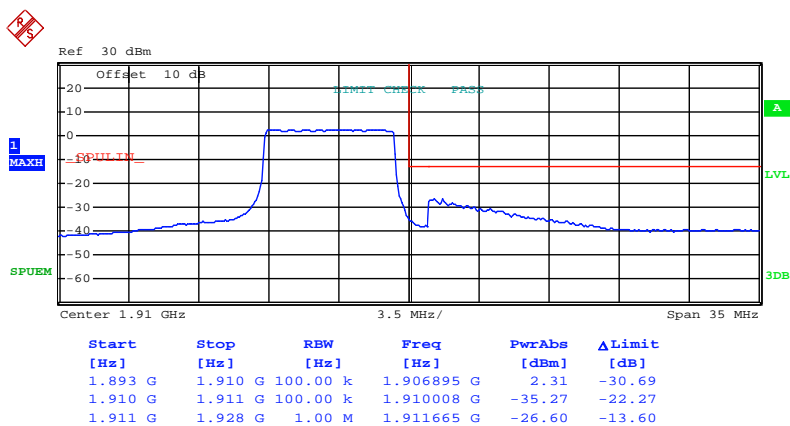
Test Mode:

LTE band 2(16QAM RB Size 36& RB Offset 37)



Date: 27.NOV.2015 04:07:33

Lowest channel

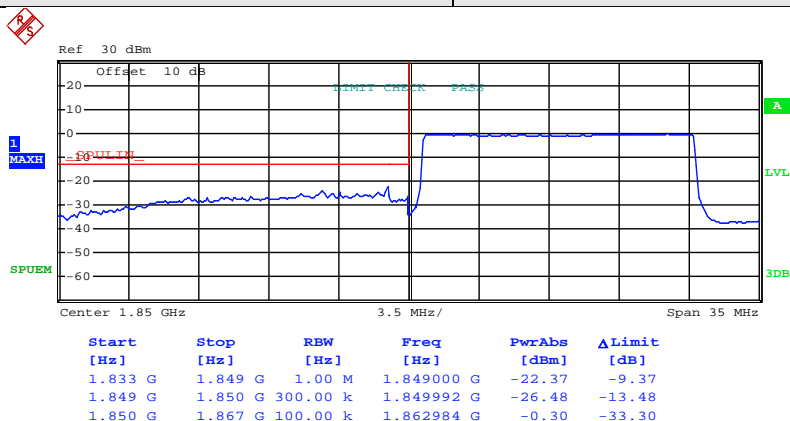


Date: 27.NOV.2015 04:11:24

Highest channel

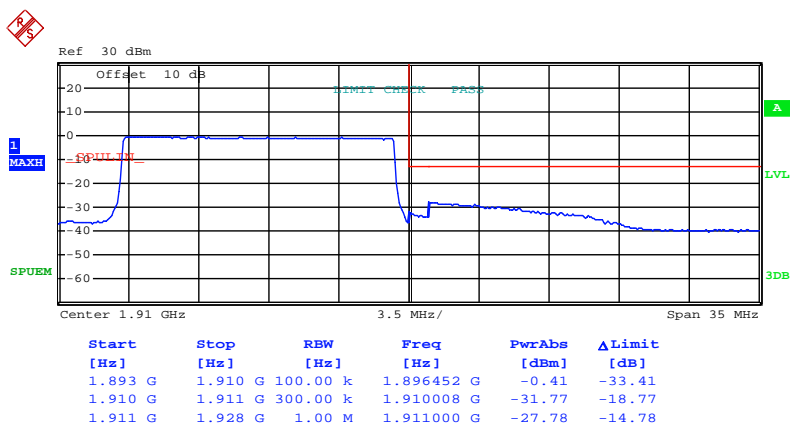
Test Mode:

LTE band 2(16QAM RB Size 75& RB Offset 0)



Date: 27.NOV.2015 04:08:32

Lowest channel

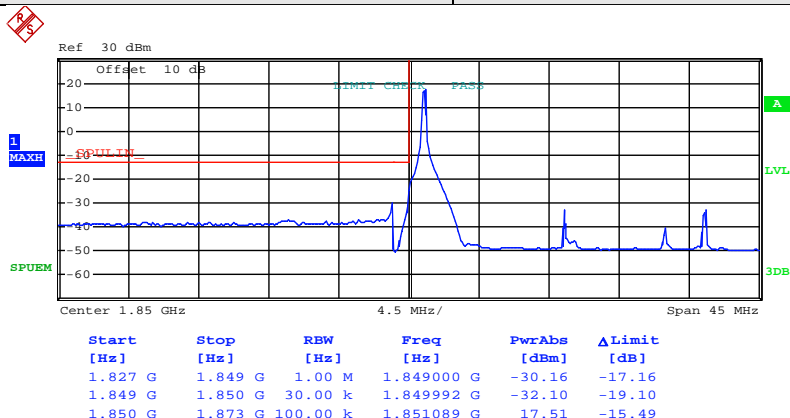


Date: 27.NOV.2015 04:12:19

Highest channel

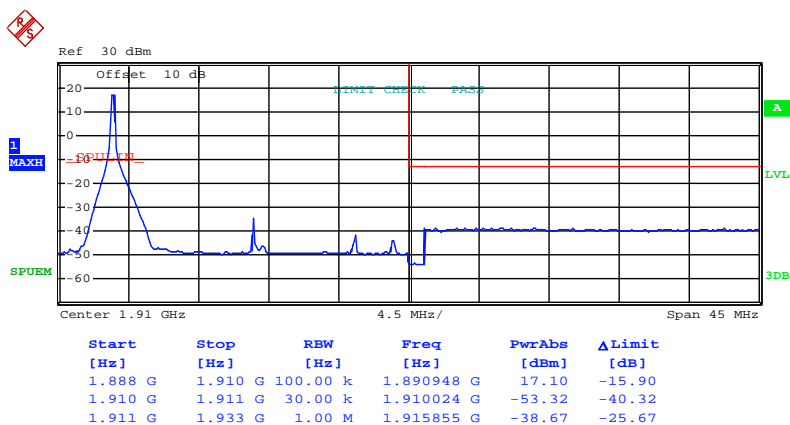
20MHz:

Test Mode:	LTE band 2(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 04:14:13

Lowest channel

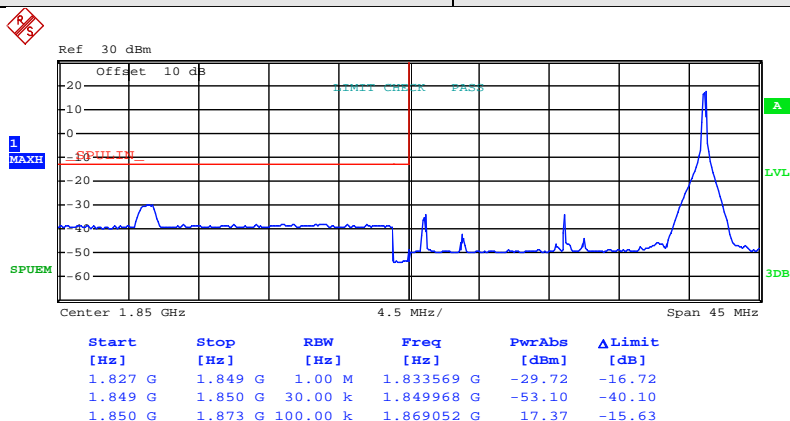


Date: 27.NOV.2015 04:18:16

Highest channel

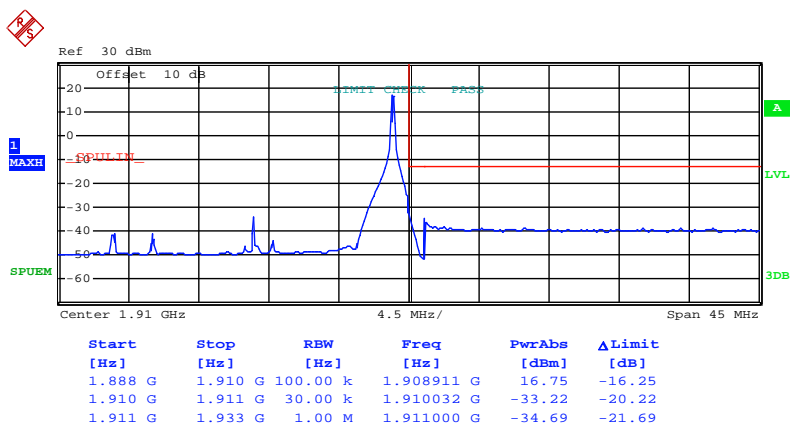
Test Mode:

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



Date: 27.NOV.2015 04:15:53

Lowest channel

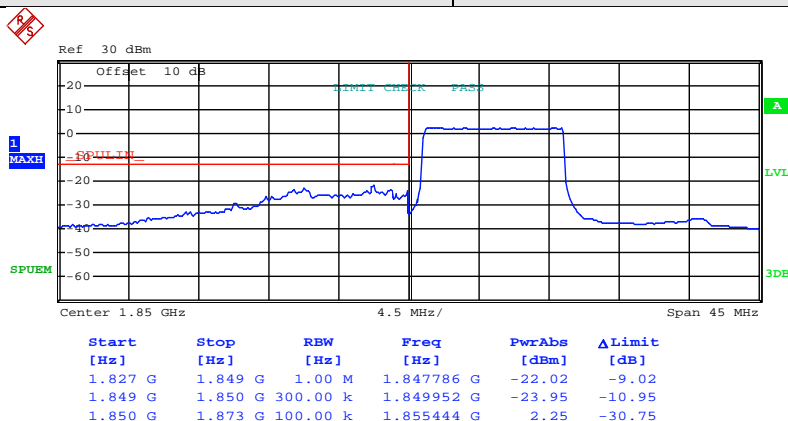


Date: 27.NOV.2015 04:18:50

Highest channel

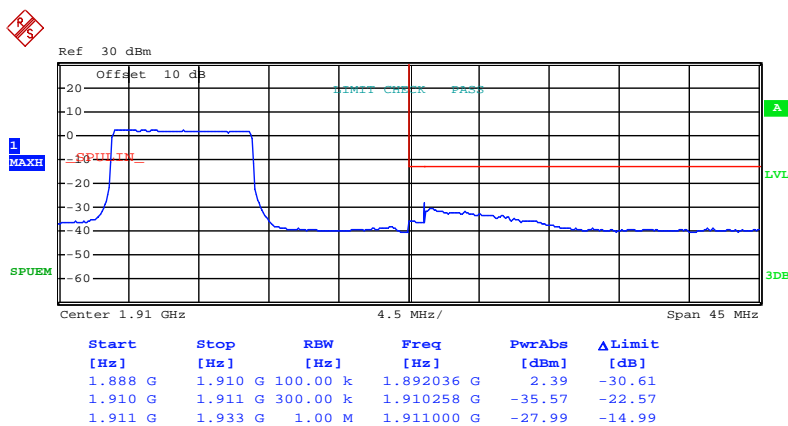
Test Mode:

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



Date: 27.NOV.2015 04:16:22

Lowest channel

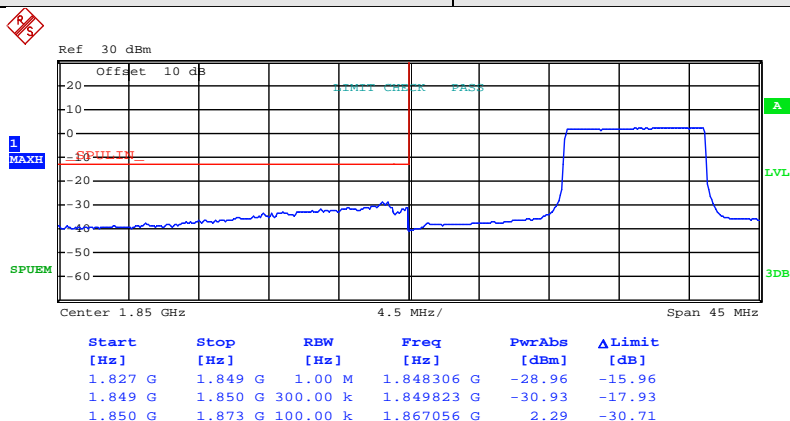


Date: 27.NOV.2015 04:19:12

Highest channel

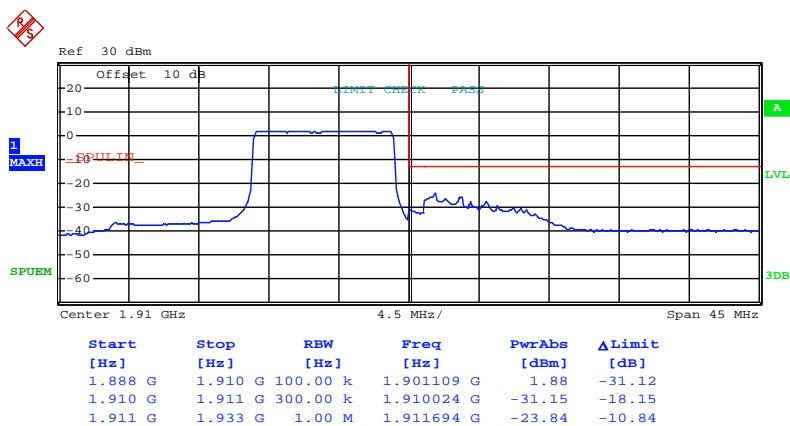
Test Mode:

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



Date: 27.NOV.2015 04:17:08

Lowest channel

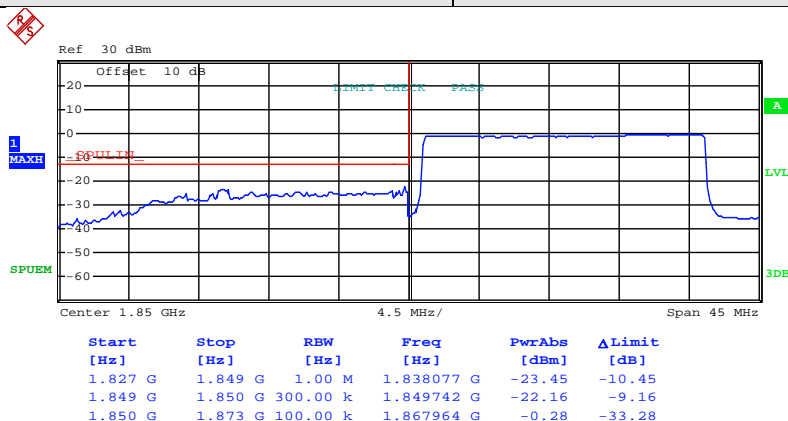


Date: 27.NOV.2015 04:19:53

Highest channel

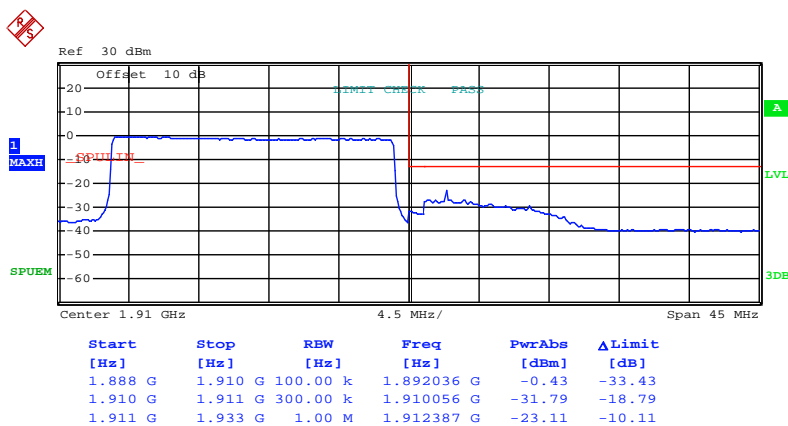
Test Mode:

LTE band 2(QPSK RB Size 100& RB Offset 0)



Date: 27.NOV.2015 04:17:23

Lowest channel

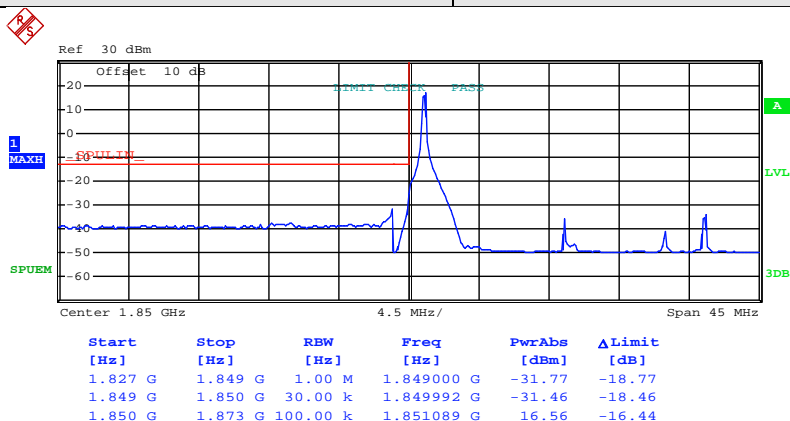


Date: 27.NOV.2015 04:20:06

Highest channel

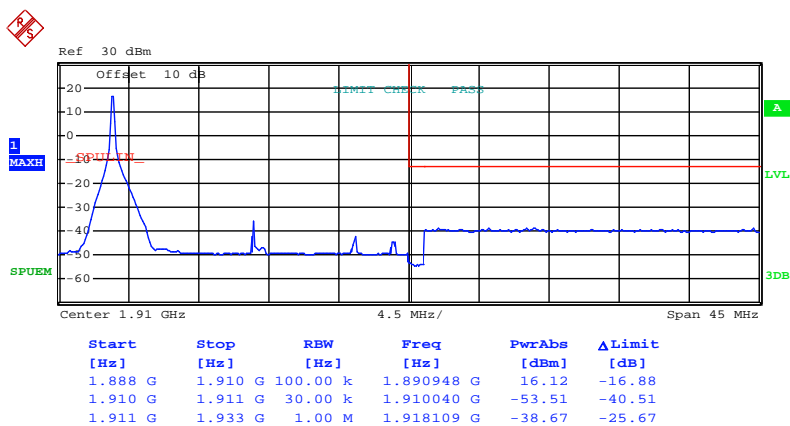
Test Mode:

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



Date: 27.NOV.2015 04:15:23

Lowest channel

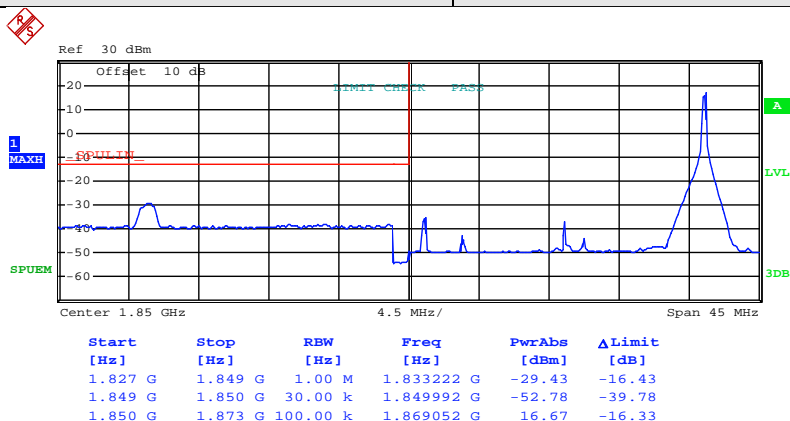


Date: 27.NOV.2015 04:18:28

Highest channel

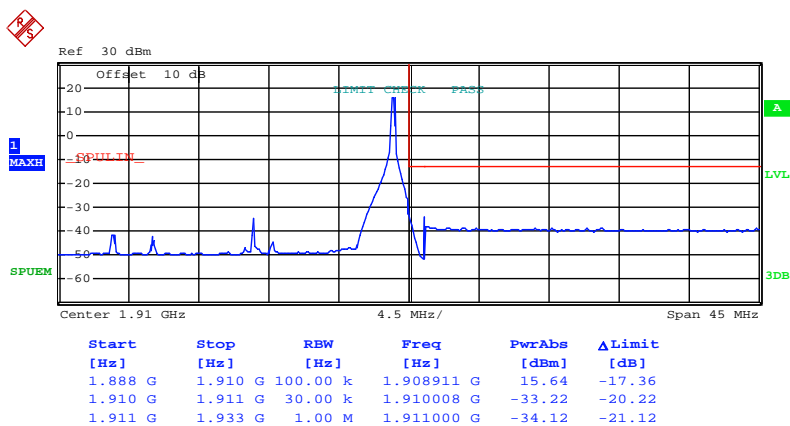
Test Mode:

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



Date: 27.NOV.2015 04:15:09

Lowest channel

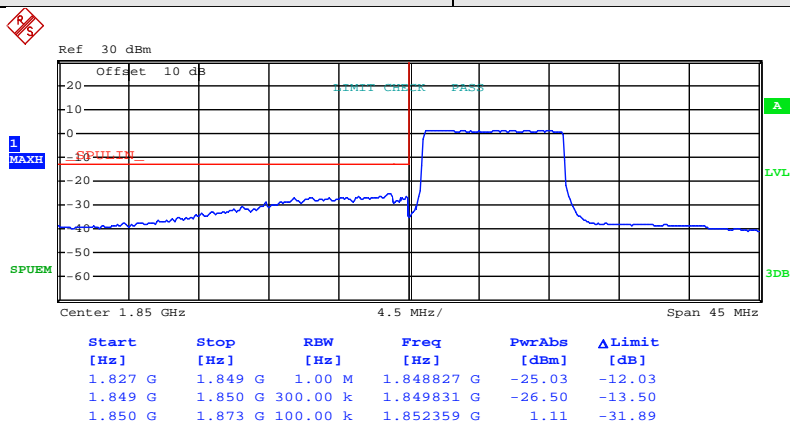


Date: 27.NOV.2015 04:18:40

Highest channel

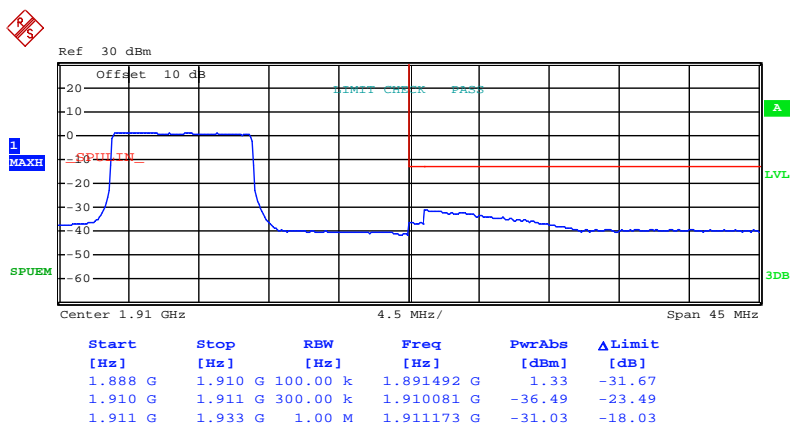
Test Mode:

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



Date: 27.NOV.2015 04:16:38

Lowest channel

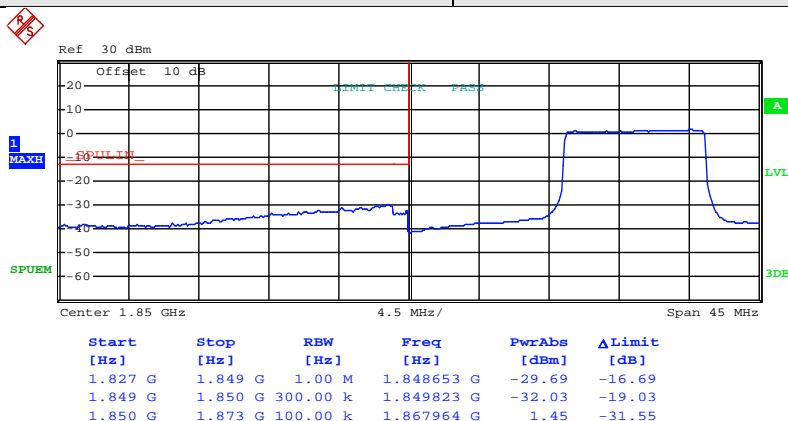


Date: 27.NOV.2015 04:19:27

Highest channel

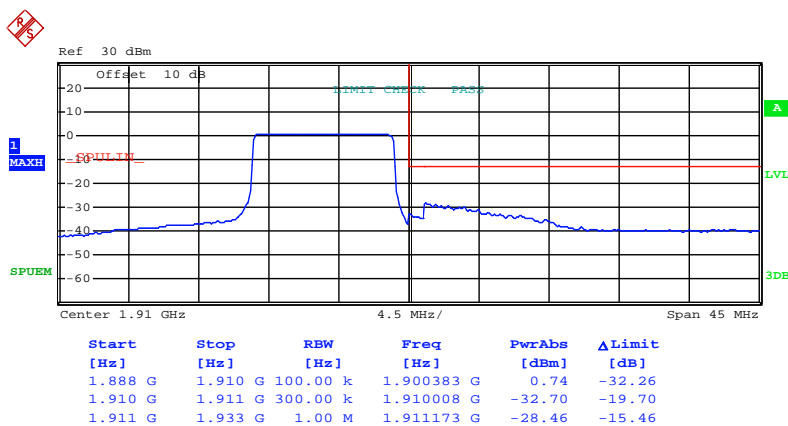
Test Mode:

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



Date: 27.NOV.2015 04:16:55

Lowest channel

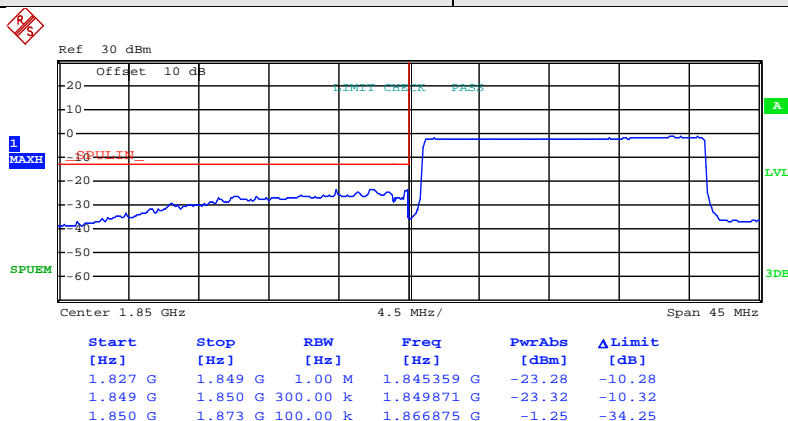


Date: 27.NOV.2015 04:19:39

Highest channel

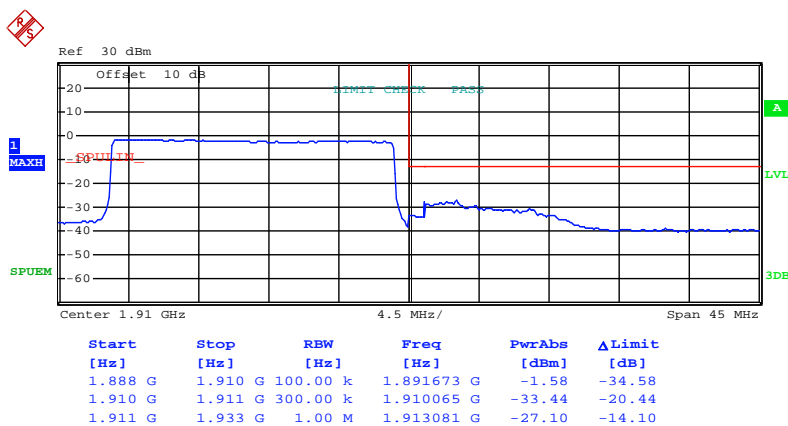
Test Mode:

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



Date: 27.NOV.2015 04:17:33

Lowest channel



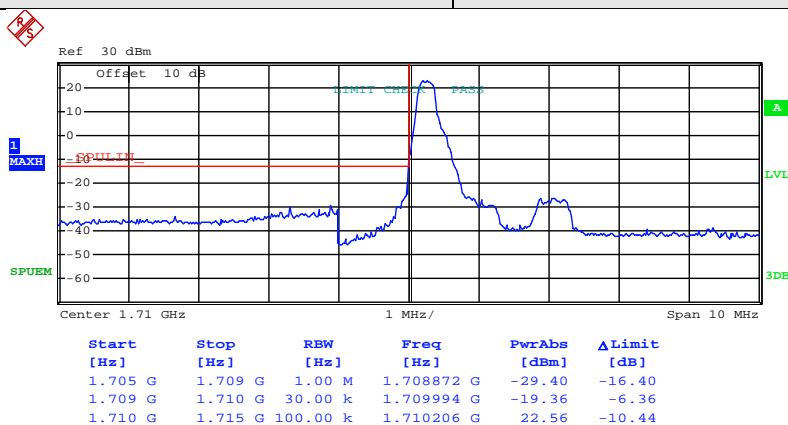
Date: 27.NOV.2015 04:20:18

Highest channel

LTE band 4 part:

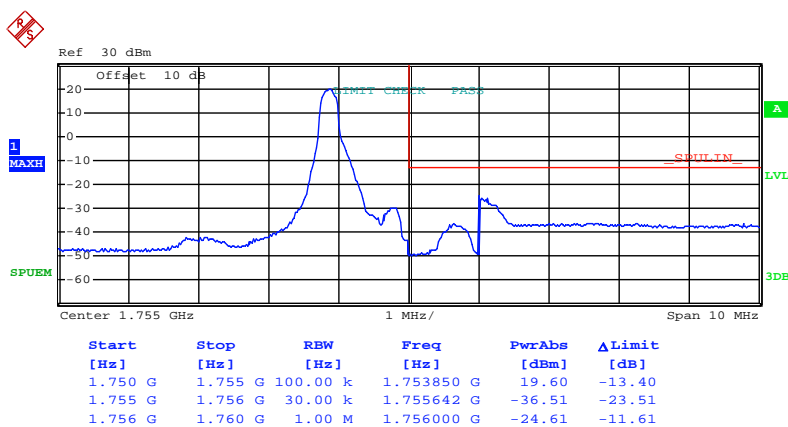
1.4MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 &RB Offset0)
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Date: 27.NOV.2015 02:19:46

Lowest channel

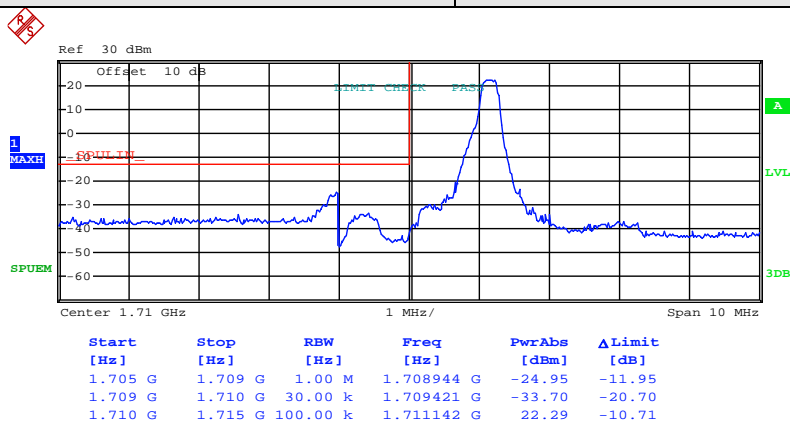


Date: 27.NOV.2015 02:24:32

Highest channel

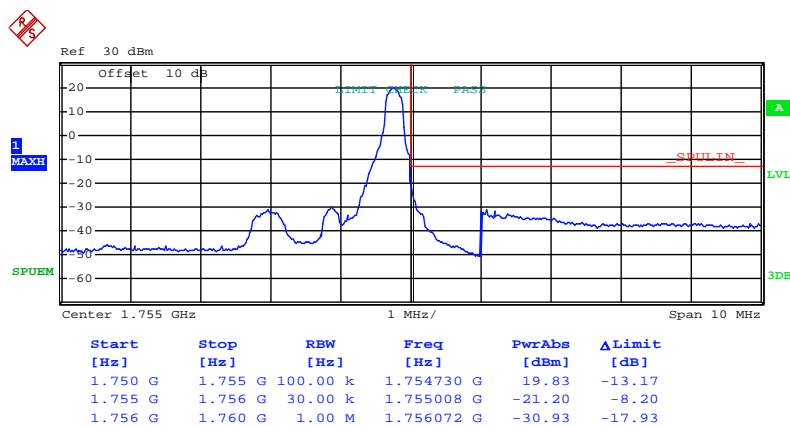
Test Mode:

LTE band 4(QPSK RB Size 1 &RB Offset5)



Date: 27.NOV.2015 02:20:06

Lowest channel

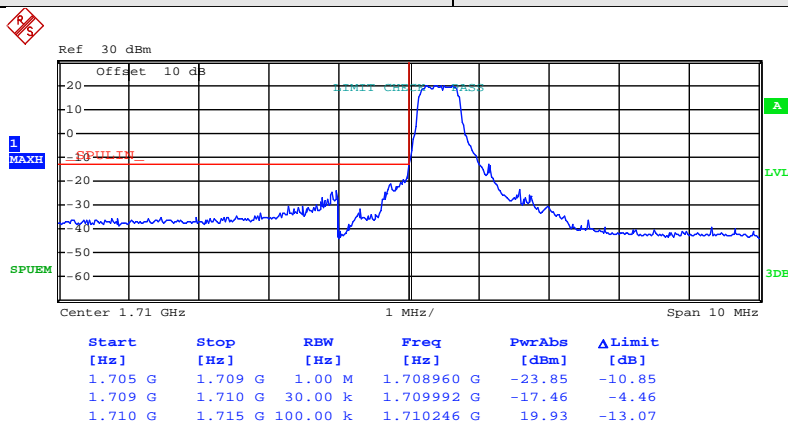


Date: 27.NOV.2015 02:25:19

Highest channel

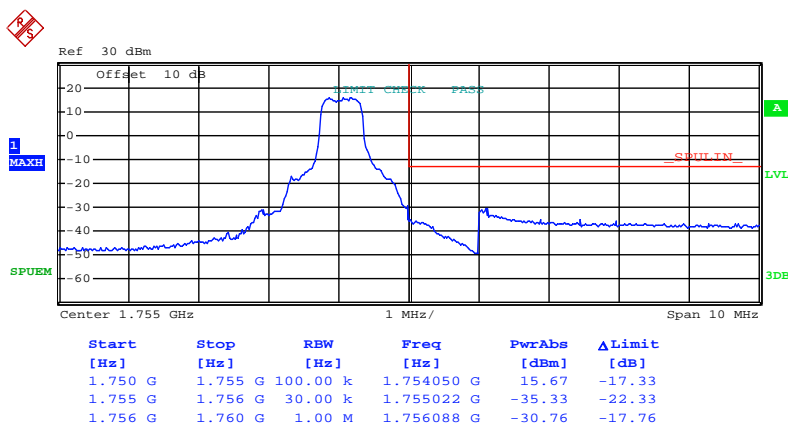
Test Mode:

LTE band 4(QPSK RB Size 3 &RB Offset0)



Date: 27.NOV.2015 02:21:22

Lowest channel

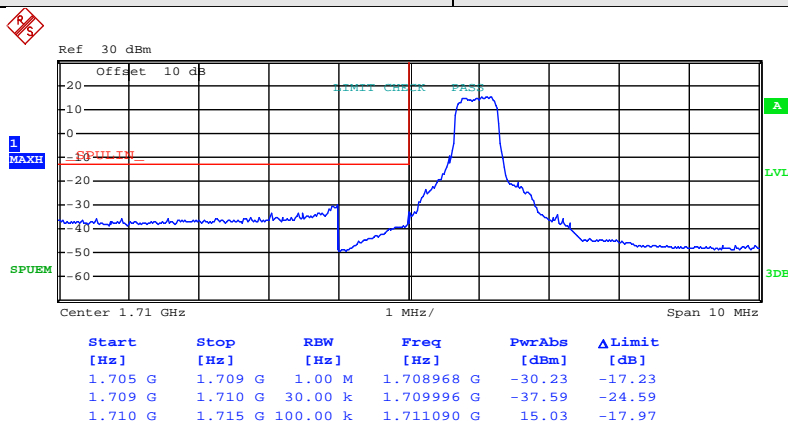


Date: 27.NOV.2015 02:25:45

Highest channel

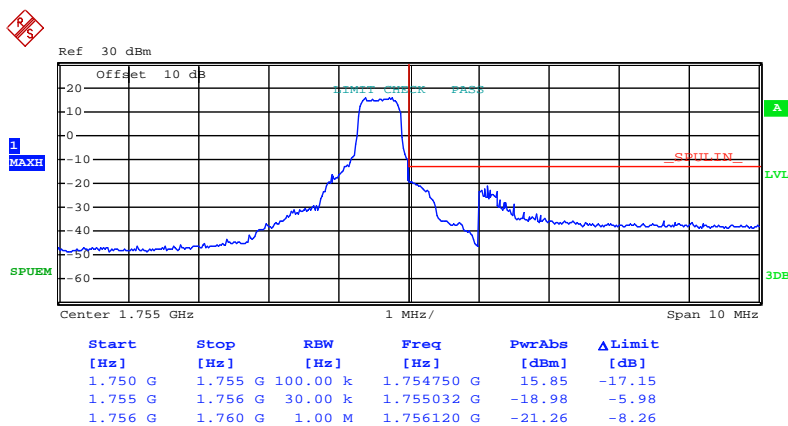
Test Mode:

LTE band 4(QPSK RB Size 3 &RB Offset 2)



Date: 27.NOV.2015 02:22:30

Lowest channel

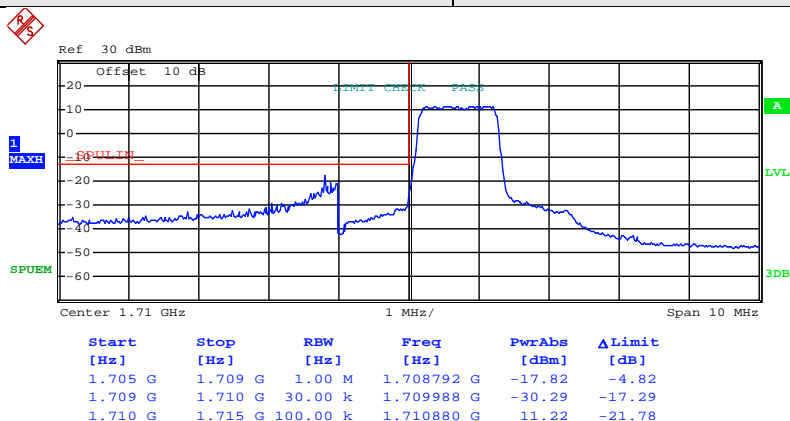


Date: 27.NOV.2015 01:34:08

Highest channel

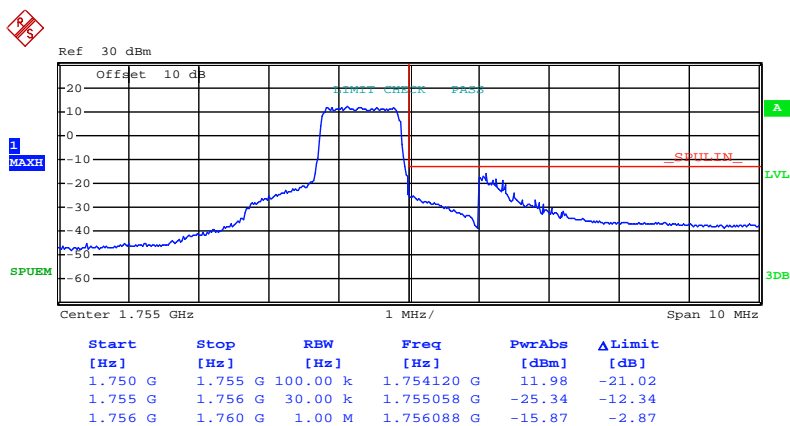
Test Mode:

LTE band 4(QPSK RB Size 6 & RB Offset 0)



Date: 27.NOV.2015 02:22:47

Lowest channel

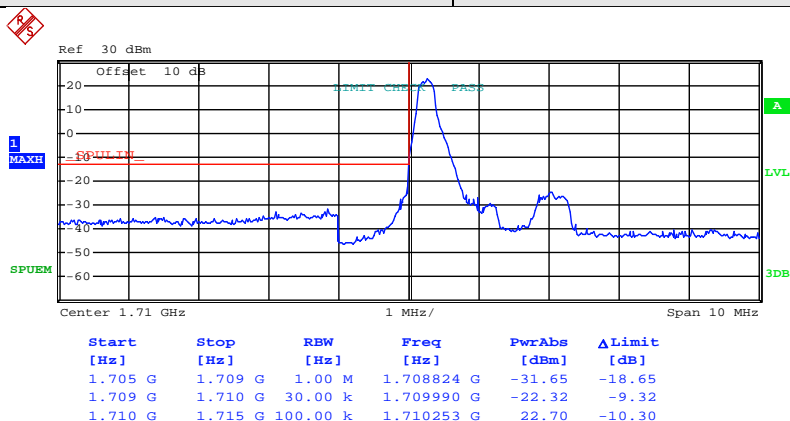


Date: 27.NOV.2015 01:34:45

Highest channel

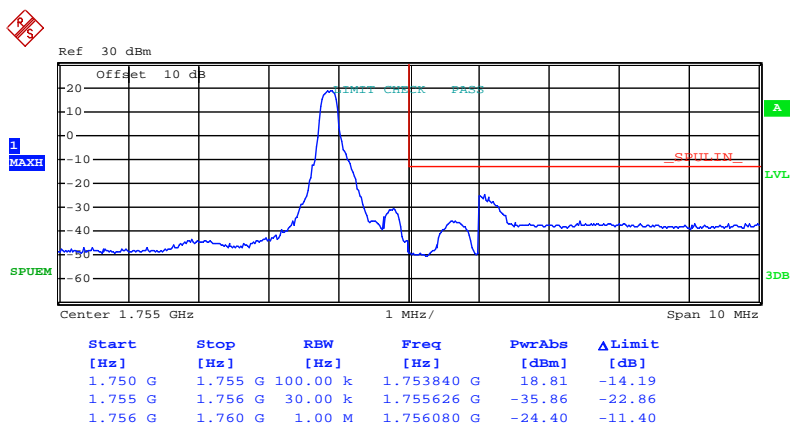
Test Mode:

LTE band 4(16QAM RB Size 1 &RB Offset0)



Date: 27.NOV.2015 02:20:36

Lowest channel

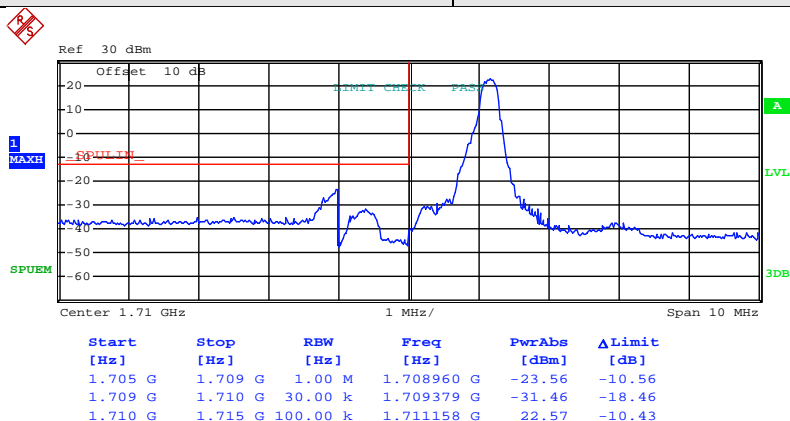


Date: 27.NOV.2015 02:24:47

Highest channel

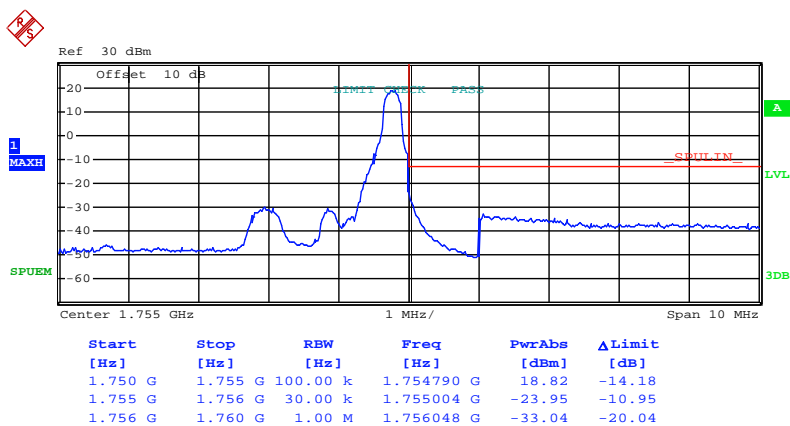
Test Mode:

LTE band 4(16QAM RB Size 1 &RB Offset5)



Date: 27.NOV.2015 02:20:50

Lowest channel

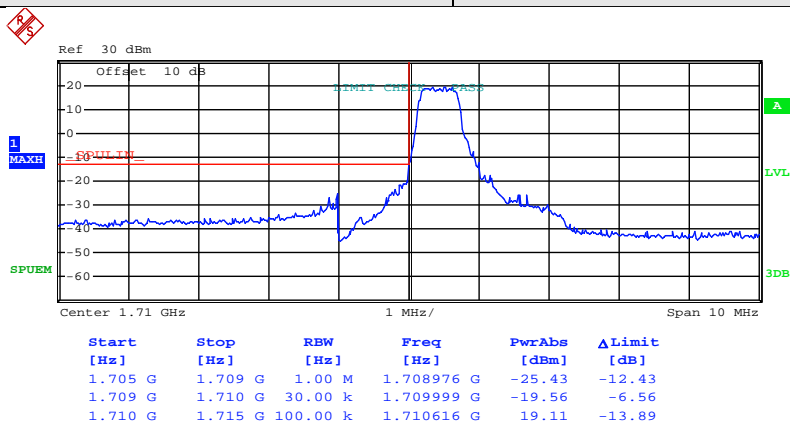


Date: 27.NOV.2015 02:25:00

Highest channel

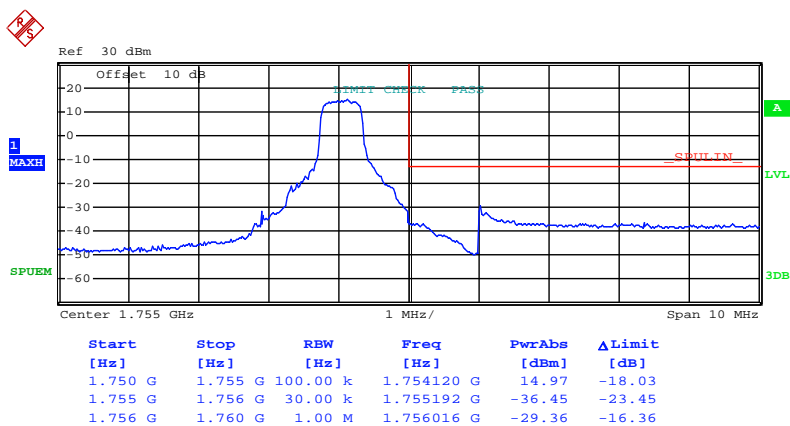
Test Mode:

LTE band 4(16QAM RB Size 3 &RB Offset0)



Date: 27.NOV.2015 02:21:36

Lowest channel

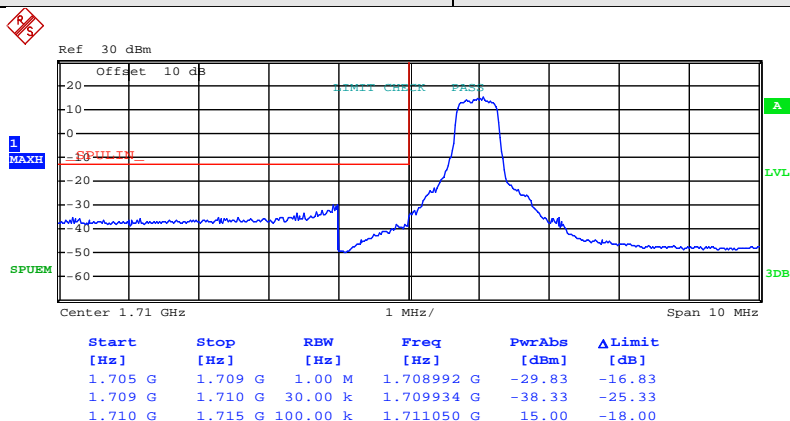


Date: 27.NOV.2015 02:26:00

Highest channel

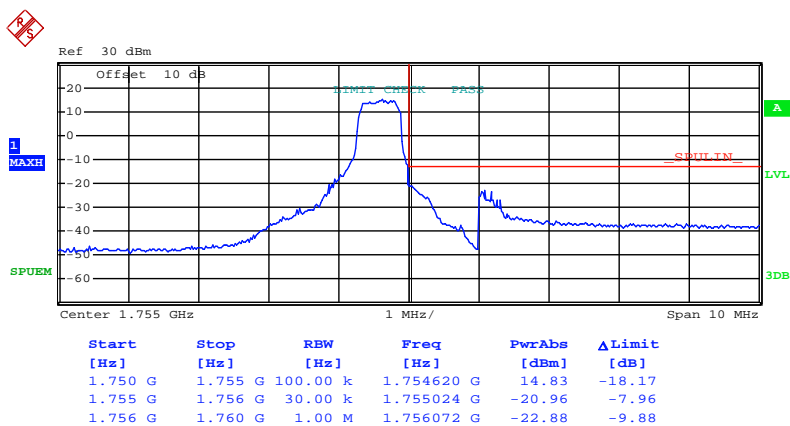
Test Mode:

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



Date: 27.NOV.2015 02:22:16

Lowest channel

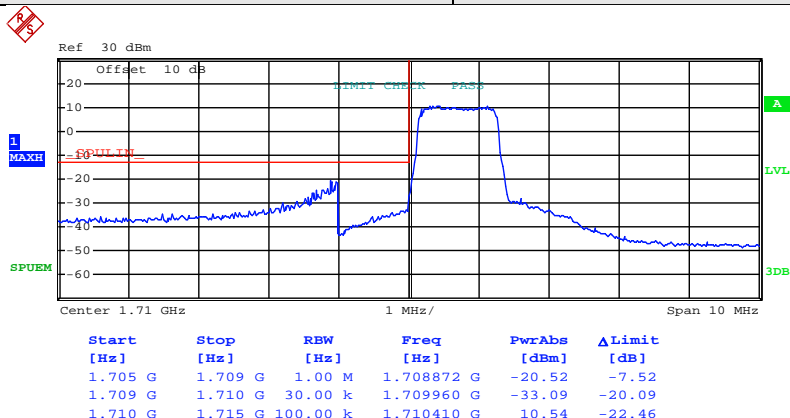


Date: 27.NOV.2015 02:26:14

Highest channel

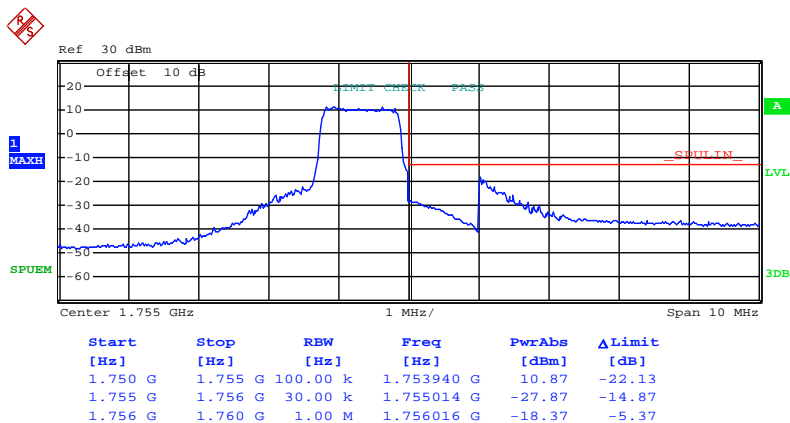
Test Mode:

LTE band 4(16QAM RB Size 6& RB Offset 0)



Date: 27.NOV.2015 02:22:59

Lowest channel

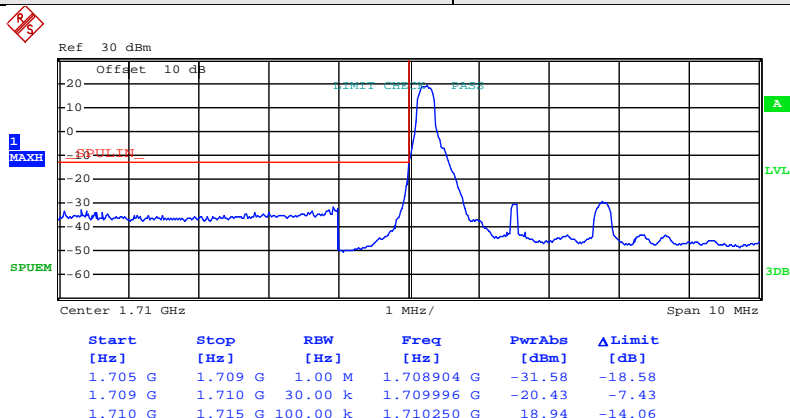


Date: 27.NOV.2015 01:34:58

Highest channel

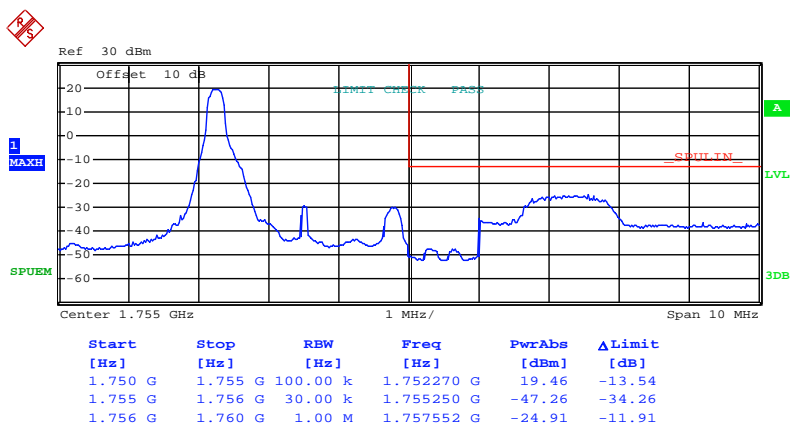
3MHz:

Test Mode:	LTE band 4(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 01:36:03

Lowest channel

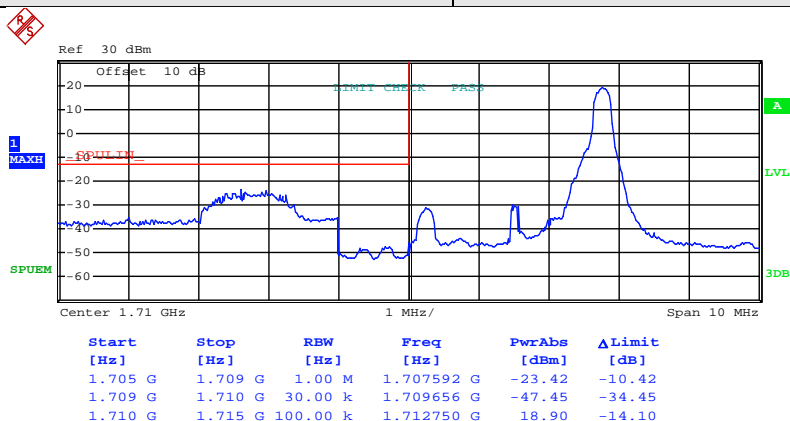


Date: 27.NOV.2015 01:39:49

Highest channel

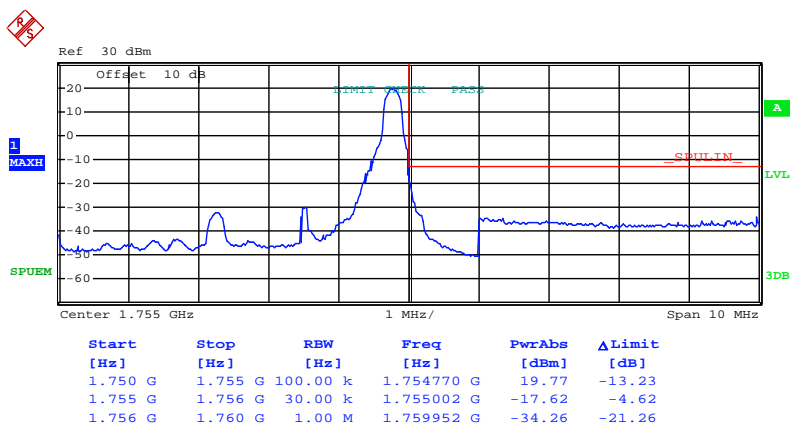
Test Mode:

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



Date: 27.NOV.2015 01:36:46

Lowest channel

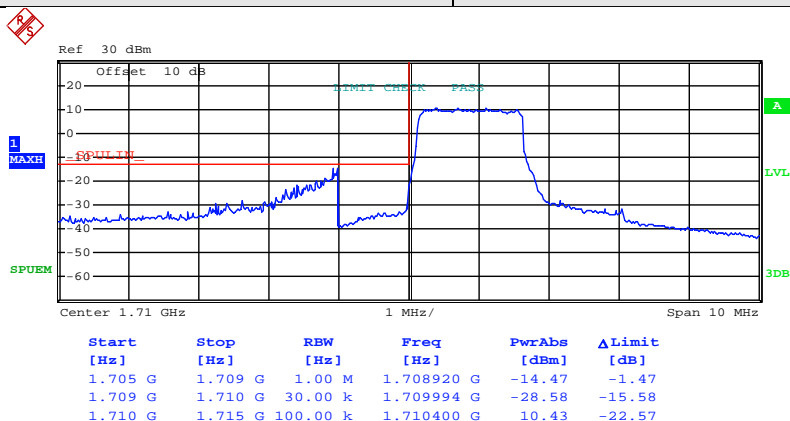


Date: 27.NOV.2015 01:40:33

Highest channel

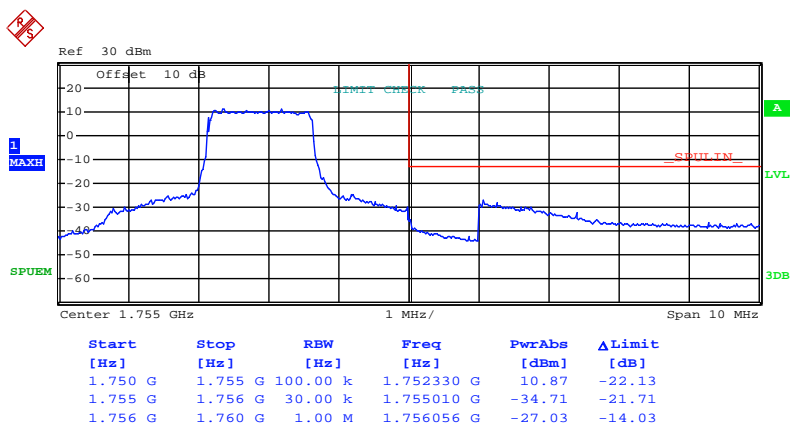
Test Mode:

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



Date: 27.NOV.2015 01:37:20

Lowest channel

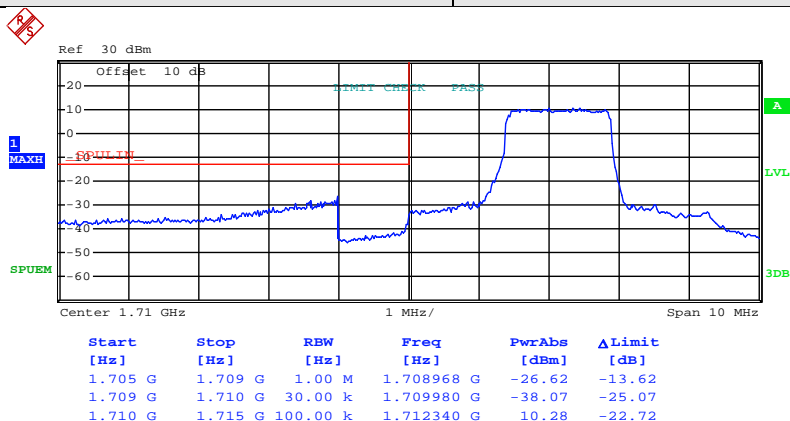


Date: 27.NOV.2015 01:40:51

Highest channel

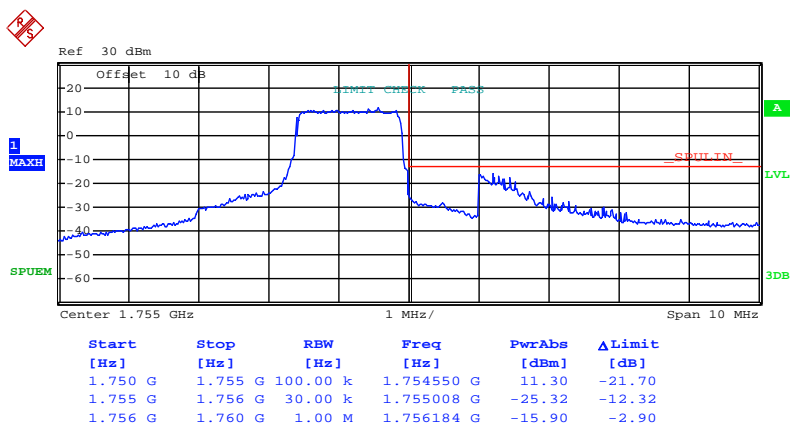
Test Mode:

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



Date: 27.NOV.2015 01:38:15

Lowest channel

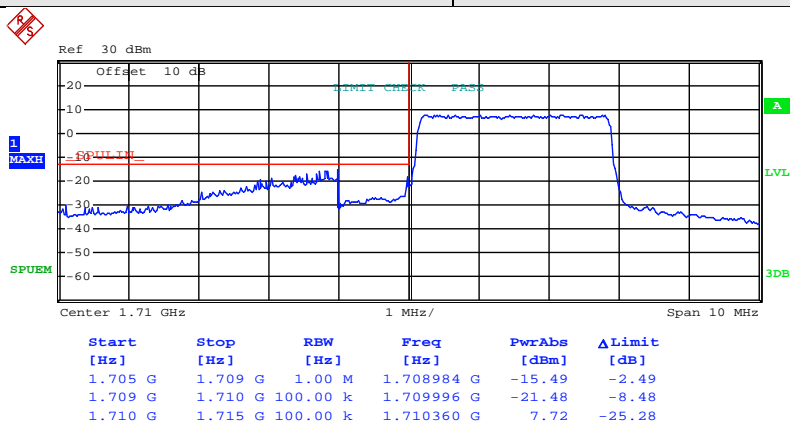


Date: 27.NOV.2015 01:41:31

Highest channel

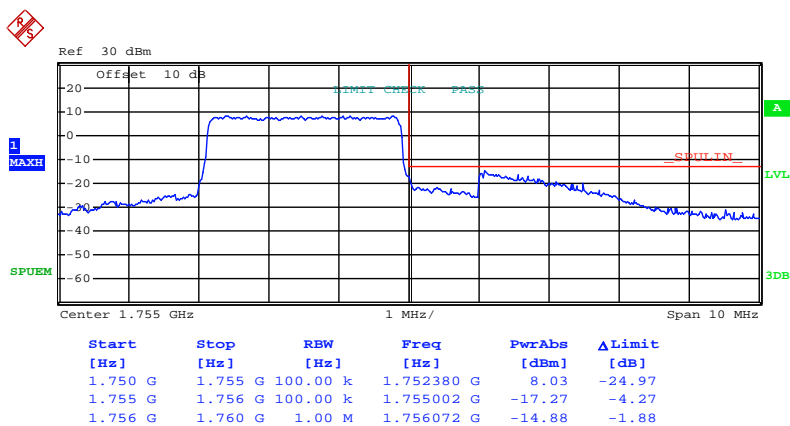
Test Mode:

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



Date: 27.NOV.2015 01:38:49

Lowest channel

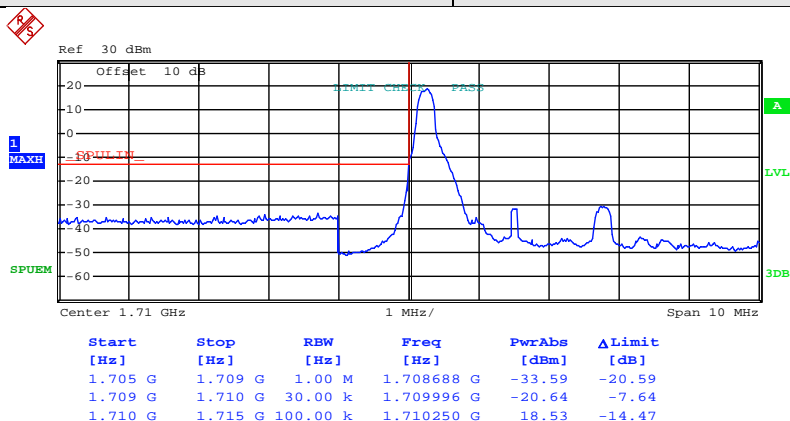


Date: 27.NOV.2015 01:41:54

Highest channel

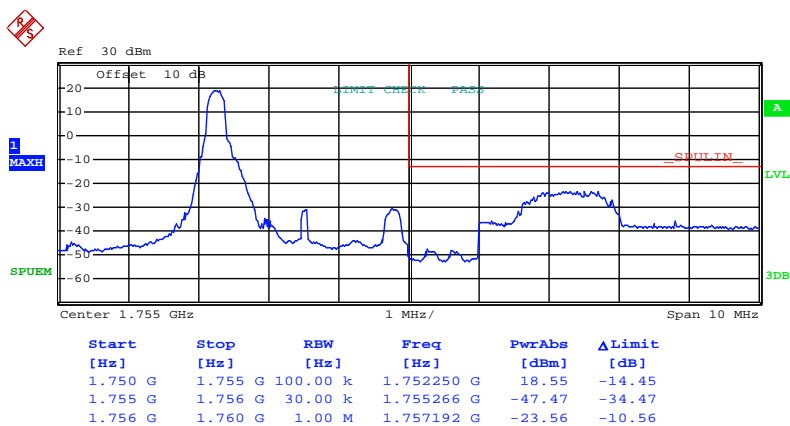
Test Mode:

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



Date: 27.NOV.2015 01:36:18

Lowest channel

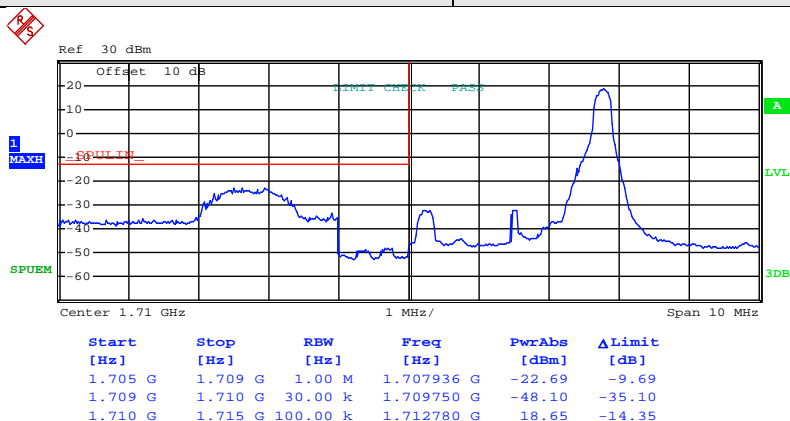


Date: 27.NOV.2015 01:40:02

Highest channel

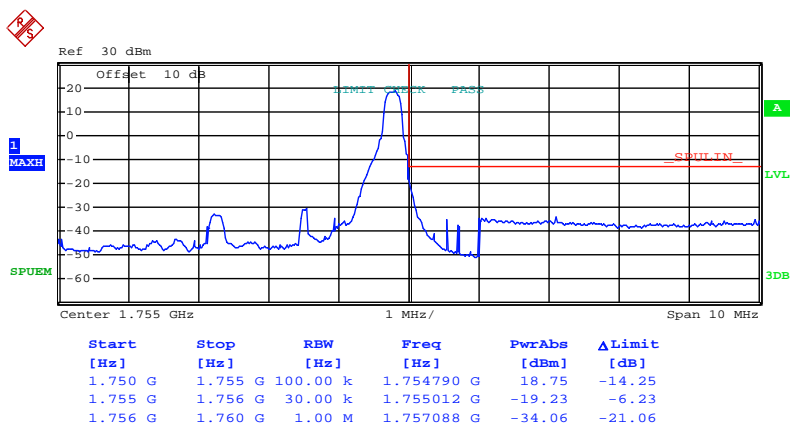
Test Mode:

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



Date: 27.NOV.2015 01:36:34

Lowest channel

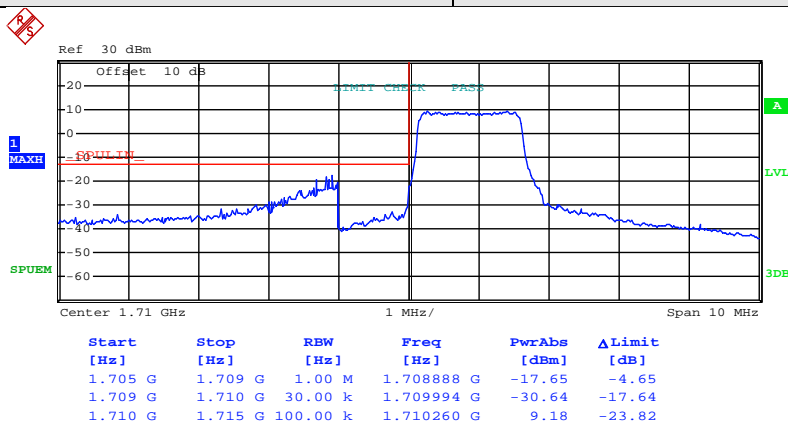


Date: 27.NOV.2015 01:40:18

Highest channel

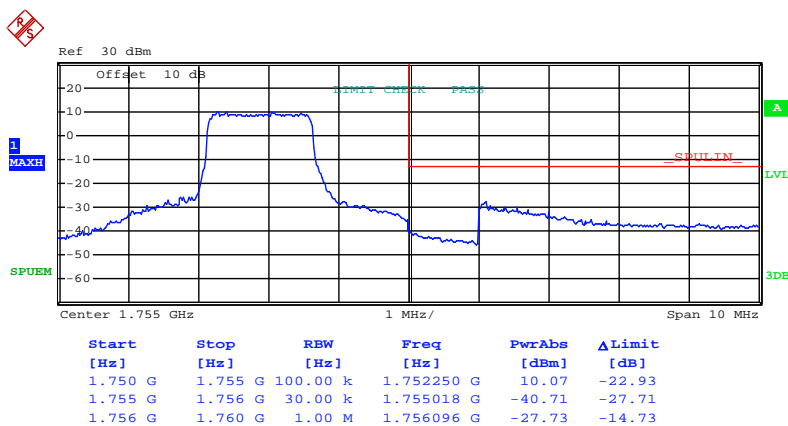
Test Mode:

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



Date: 27.NOV.2015 01:37:41

Lowest channel

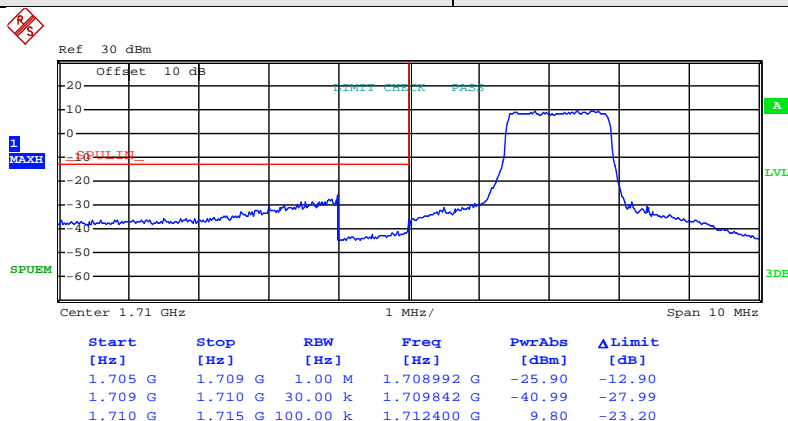


Date: 27.NOV.2015 01:41:05

Highest channel

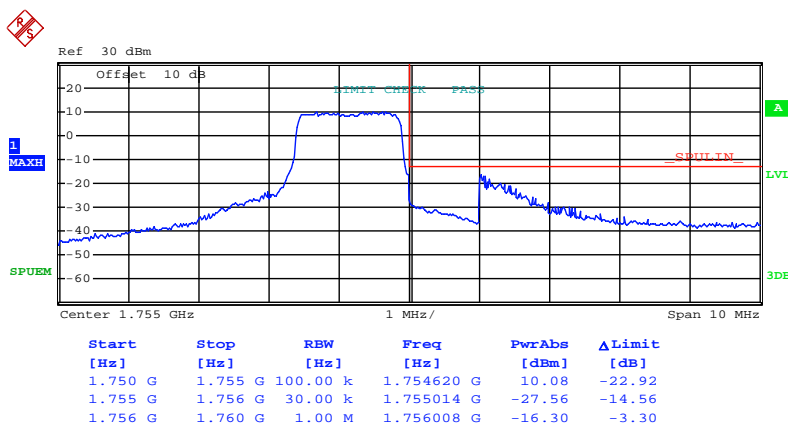
Test Mode:

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



Date: 27.NOV.2015 01:37:56

Lowest channel

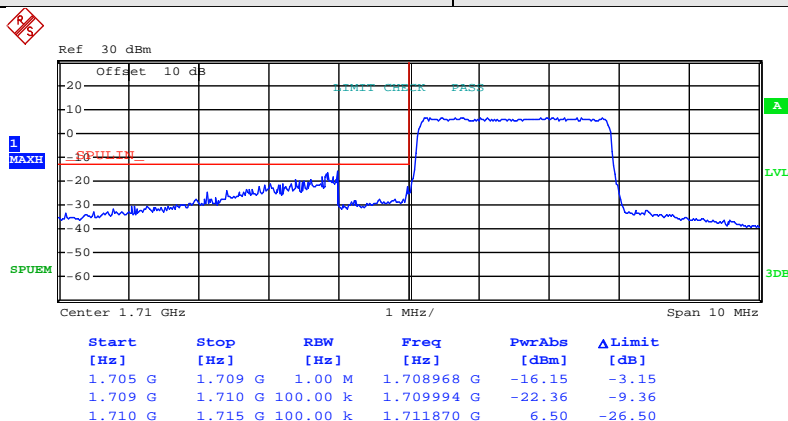


Date: 27.NOV.2015 01:41:17

Highest channel

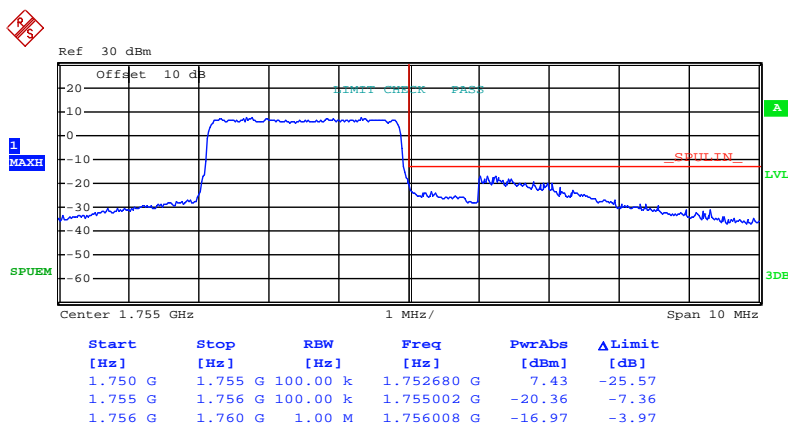
Test Mode:

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



Date: 27.NOV.2015 01:39:03

Lowest channel

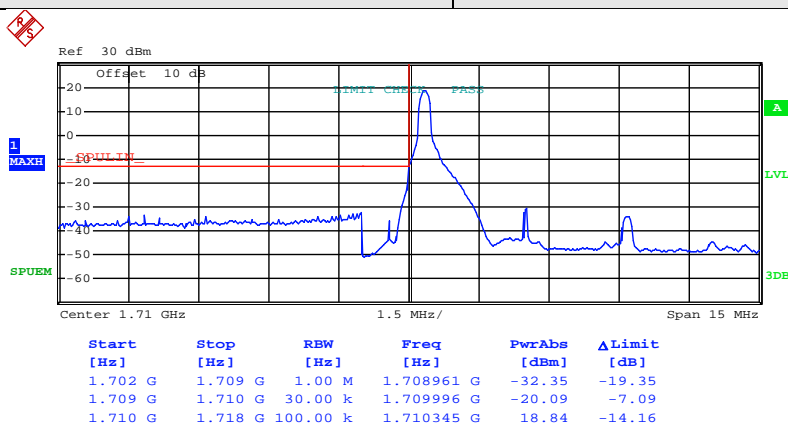


Date: 27.NOV.2015 01:42:08

Highest channel

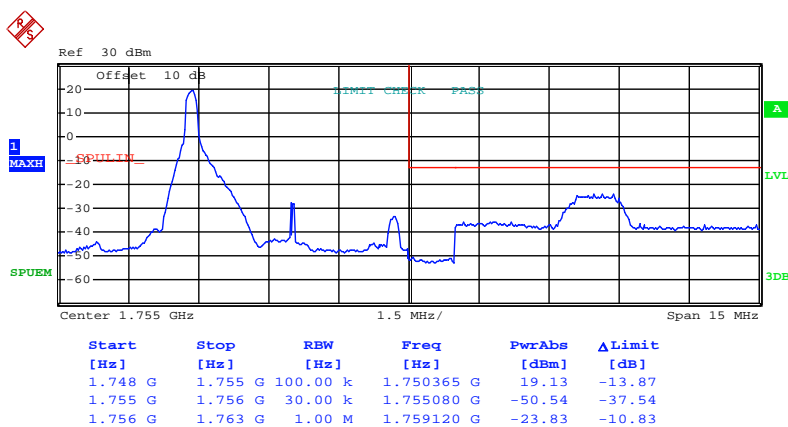
5MHz:

Test Mode:	LTE band 4(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 01:43:57

Lowest channel

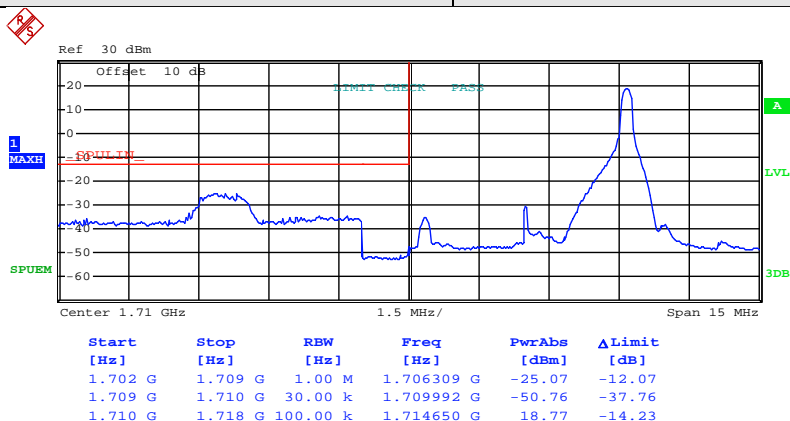


Date: 27.NOV.2015 01:46:55

Highest channel

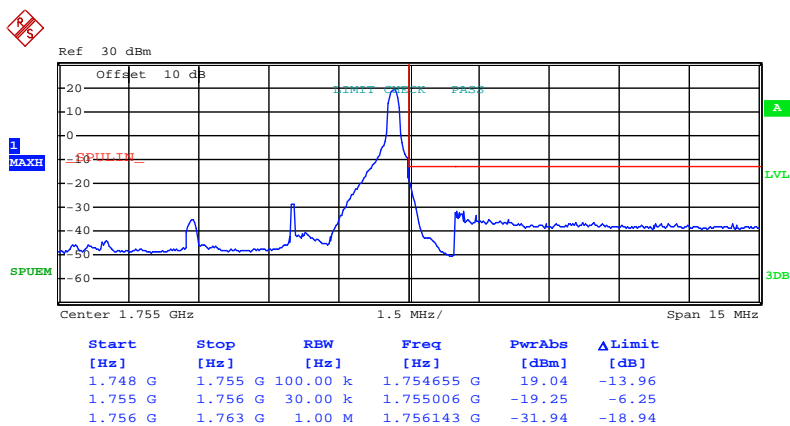
Test Mode:

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



Date: 27.NOV.2015 01:44:41

Lowest channel

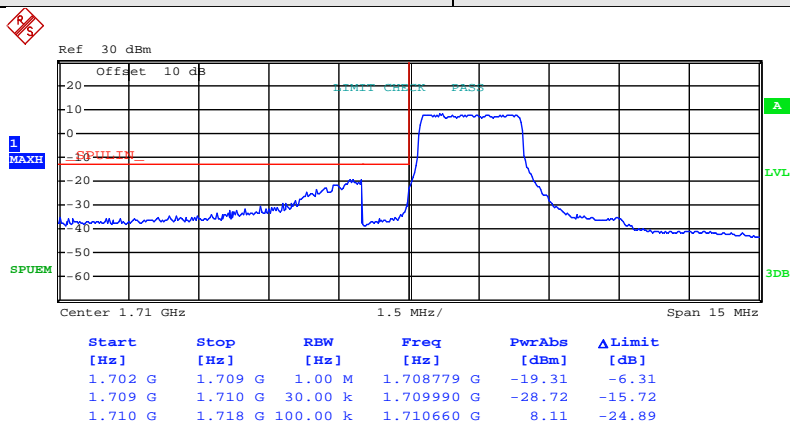


Date: 27.NOV.2015 01:47:36

Highest channel

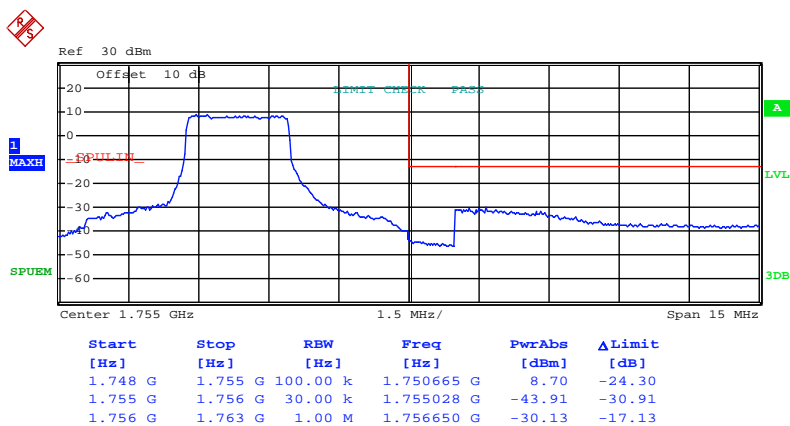
Test Mode:

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



Date: 27.NOV.2015 01:45:01

Lowest channel

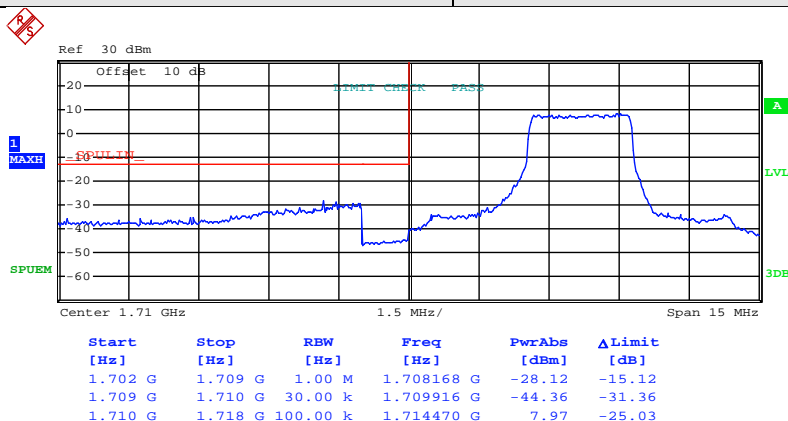


Date: 27.NOV.2015 01:48:03

Highest channel

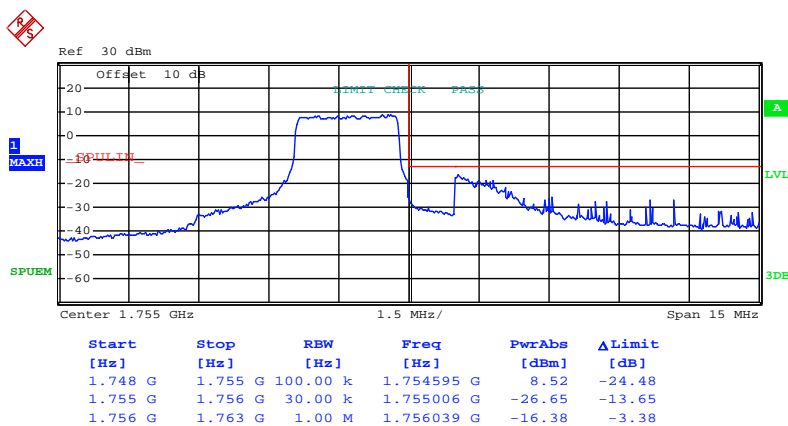
Test Mode:

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



Date: 27.NOV.2015 01:45:39

Lowest channel

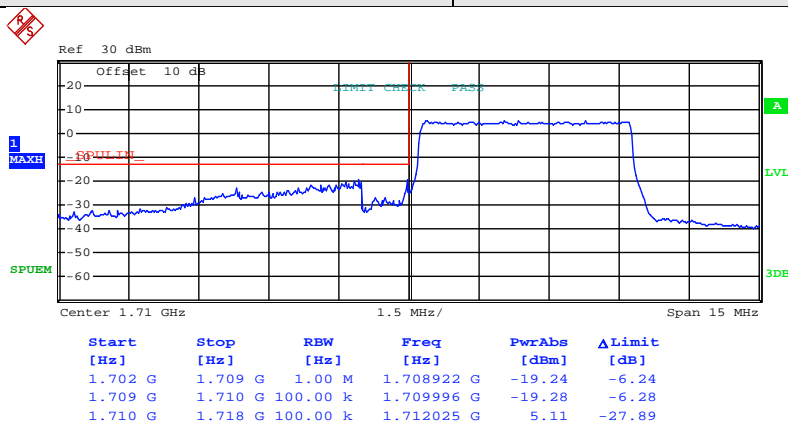


Date: 27.NOV.2015 01:48:52

Highest channel

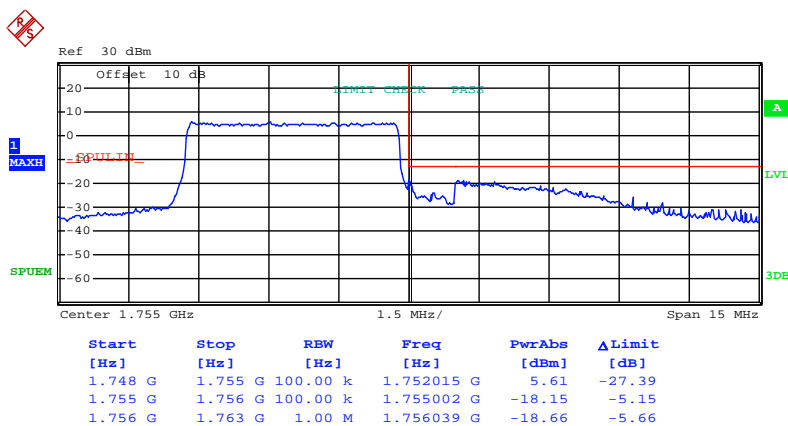
Test Mode:

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



Date: 27.NOV.2015 01:46:01

Lowest channel

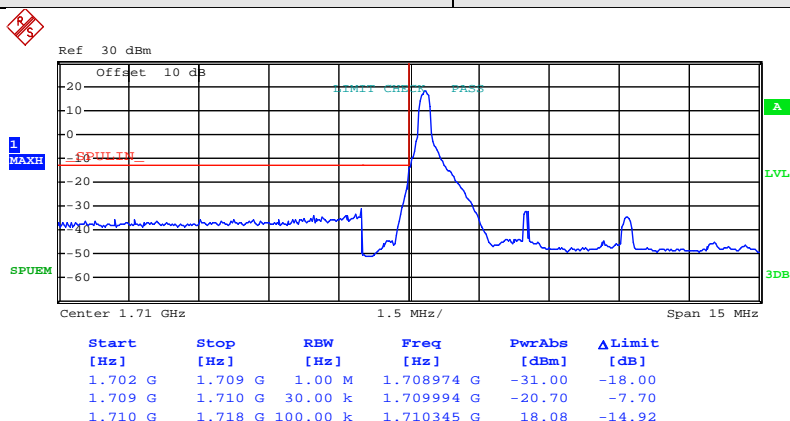


Date: 27.NOV.2015 01:49:20

Highest channel

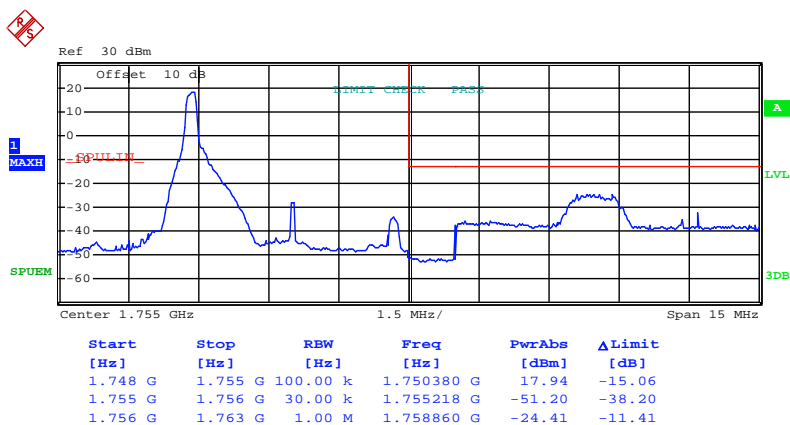
Test Mode:

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



Date: 27.NOV.2015 01:44:12

Lowest channel

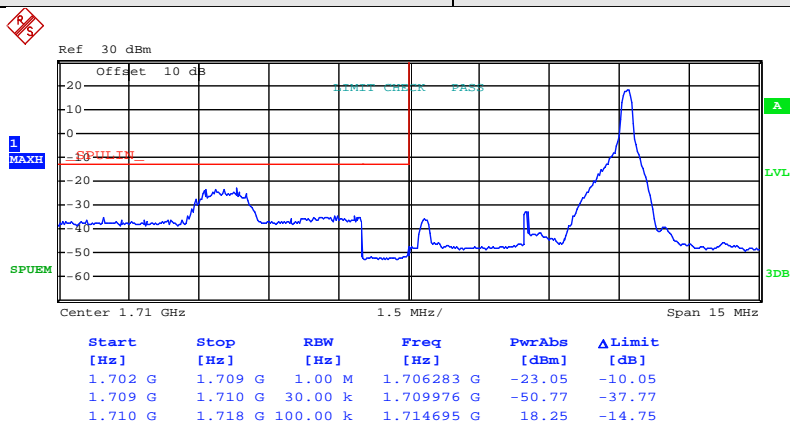


Date: 27.NOV.2015 01:47:08

Highest channel

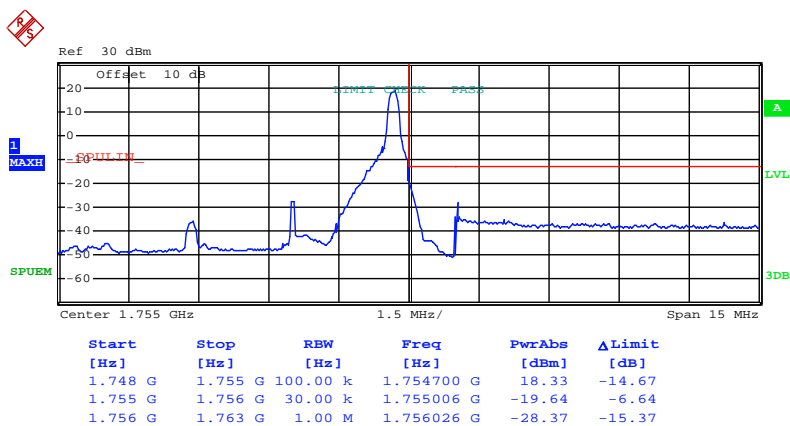
Test Mode:

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



Date: 27.NOV.2015 01:44:29

Lowest channel

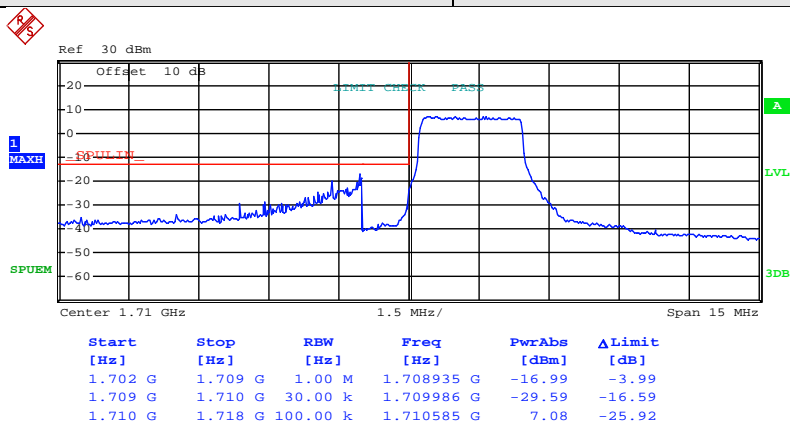


Date: 27.NOV.2015 01:47:24

Highest channel

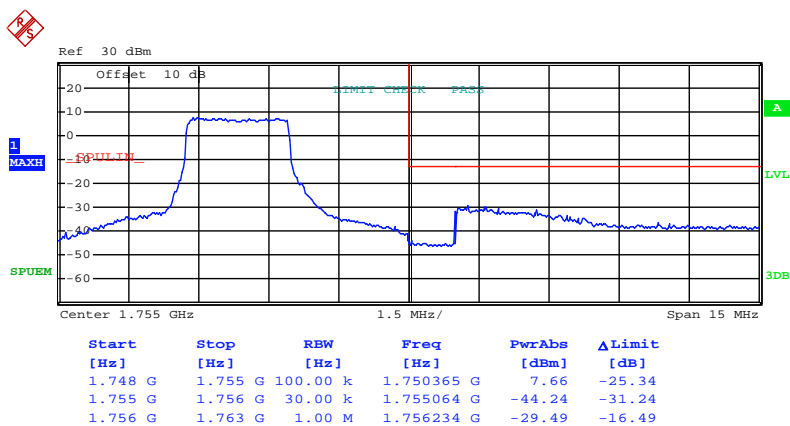
Test Mode:

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



Date: 27.NOV.2015 01:45:13

Lowest channel

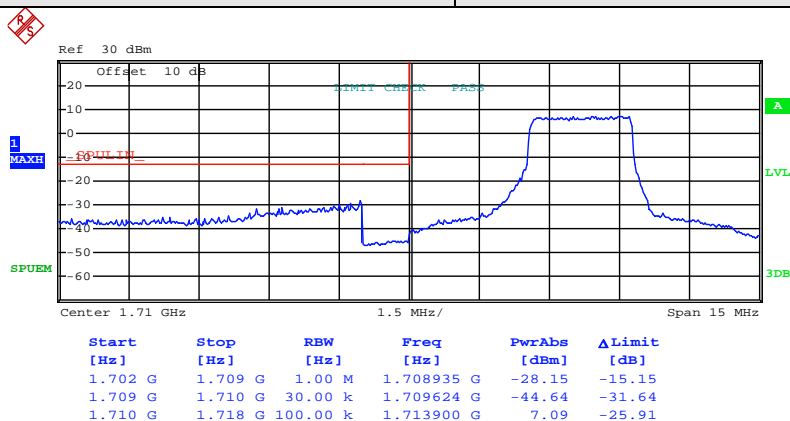


Date: 27.NOV.2015 01:48:24

Highest channel

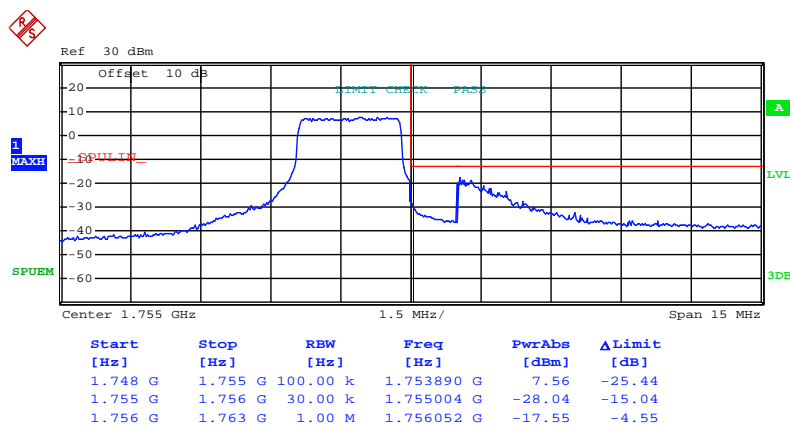
Test Mode:

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



Date: 27.NOV.2015 01:45:25

Lowest channel

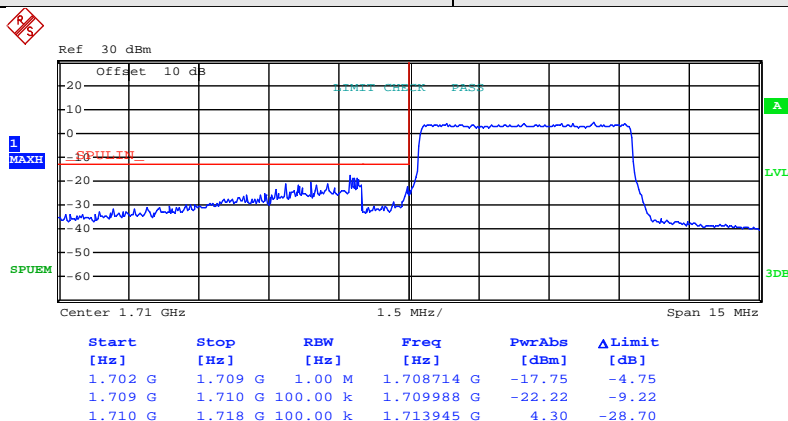


Date: 27.NOV.2015 01:48:39

Highest channel

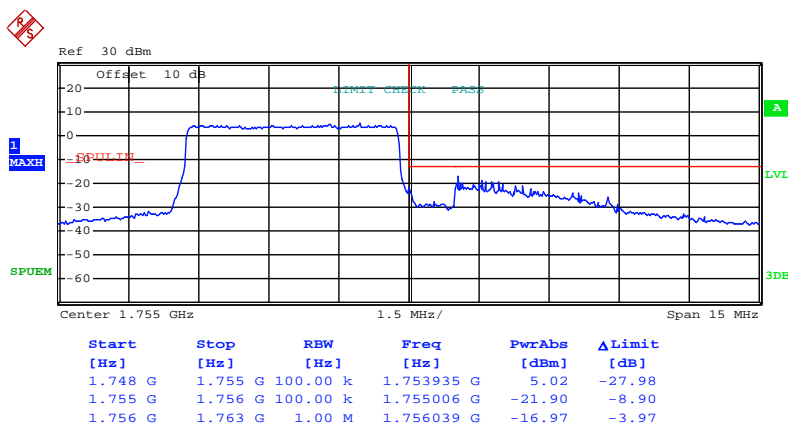
Test Mode:

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



Date: 27.NOV.2015 01:46:14

Lowest channel

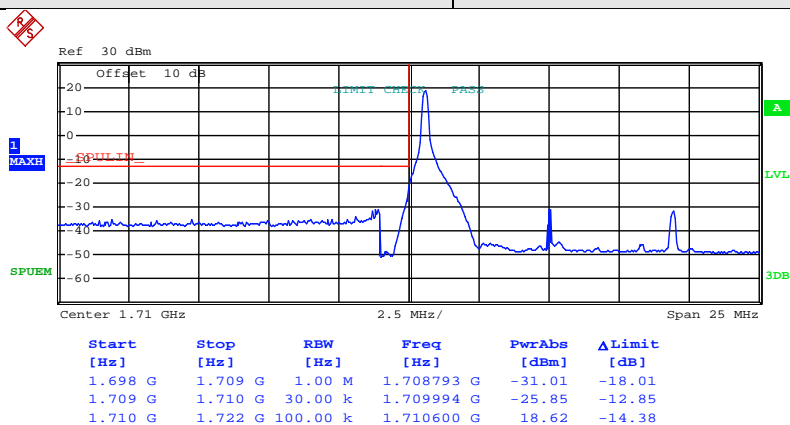


Date: 27.NOV.2015 01:49:33

Highest channel

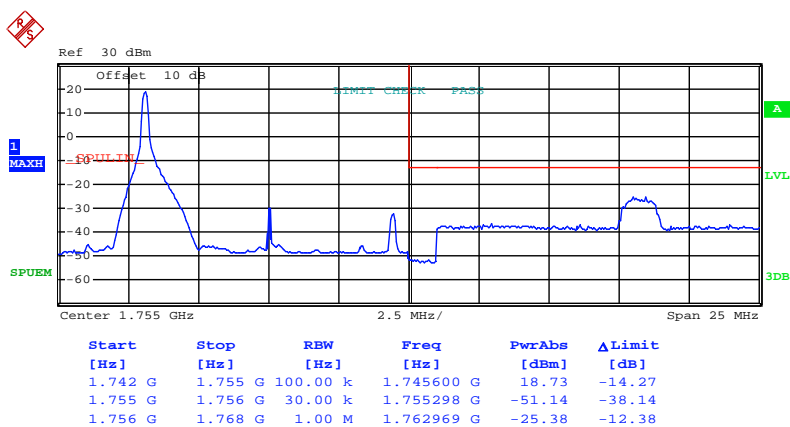
10MHz:

Test Mode:	LTE band 4(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 01:54:26

Lowest channel

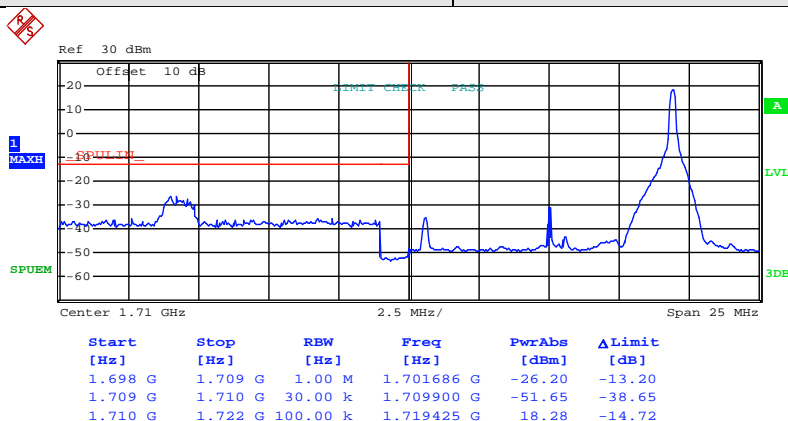


Date: 27.NOV.2015 01:58:21

Highest channel

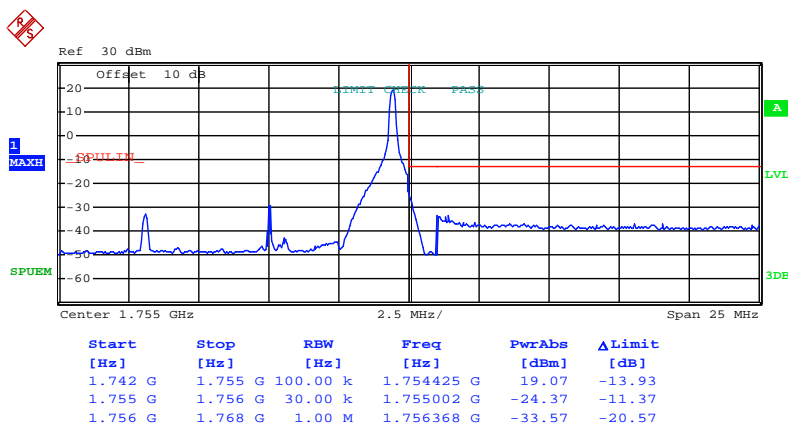
Test Mode:

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



Date: 27.NOV.2015 01:55:13

Lowest channel

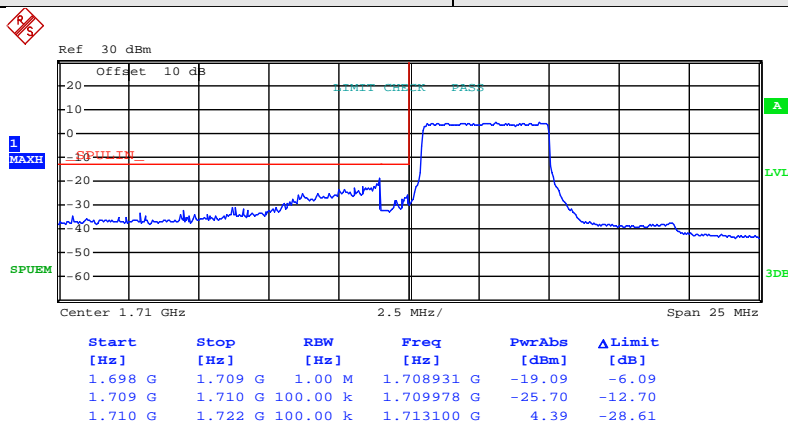


Date: 27.NOV.2015 01:59:01

Highest channel

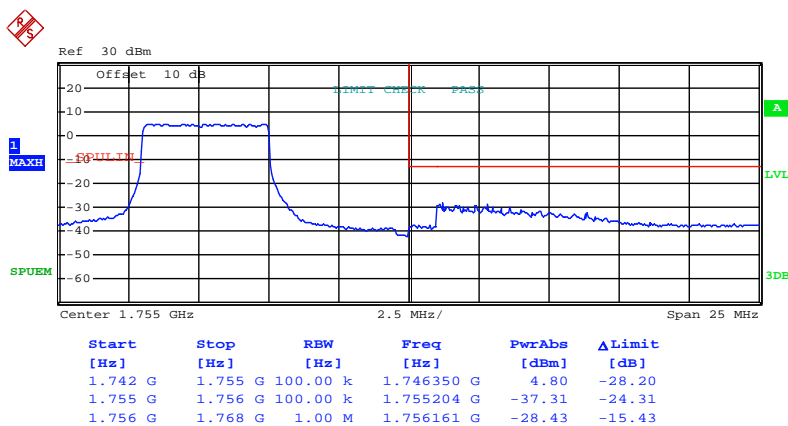
Test Mode:

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



Date: 27.NOV.2015 01:55:54

Lowest channel

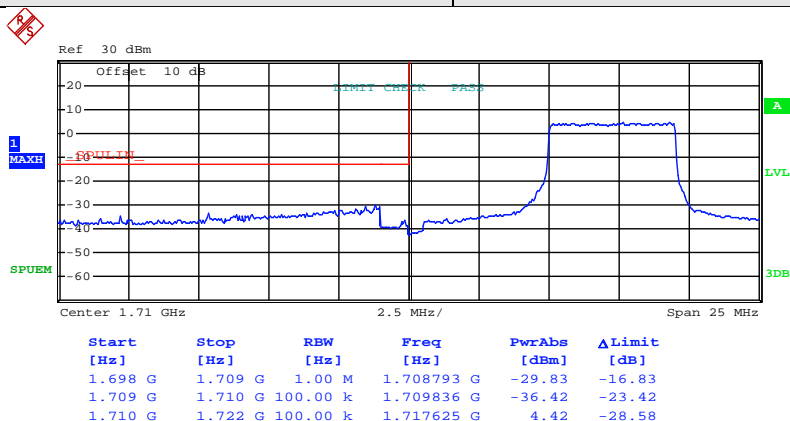


Date: 27.NOV.2015 02:00:08

Highest channel

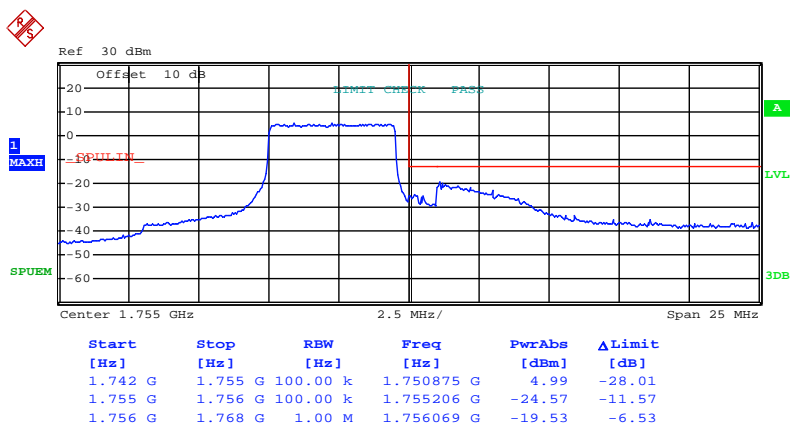
Test Mode:

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



Date: 27.NOV.2015 01:56:40

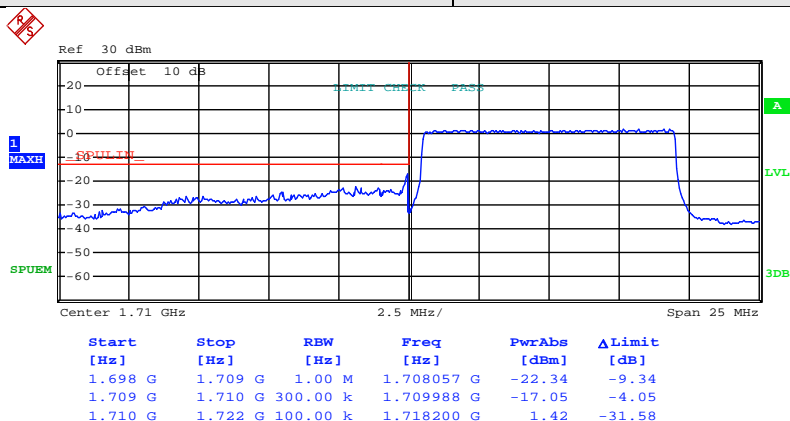
Lowest channel



Date: 27.NOV.2015 02:03:03

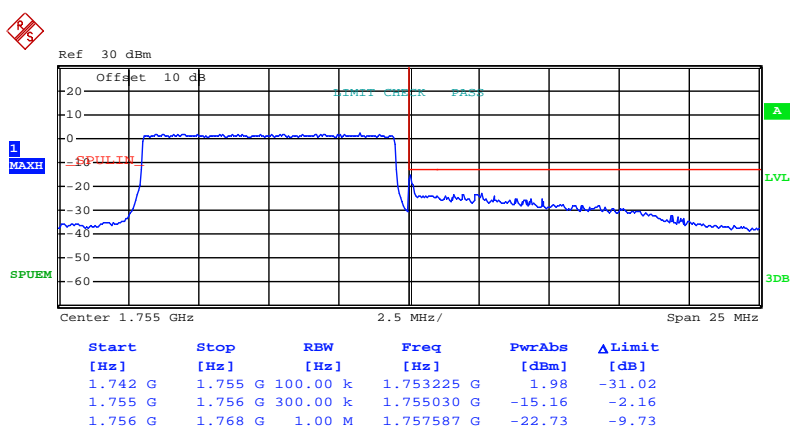
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 50& RB Offset 0)
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Date: 27.NOV.2015 01:57:03

Lowest channel

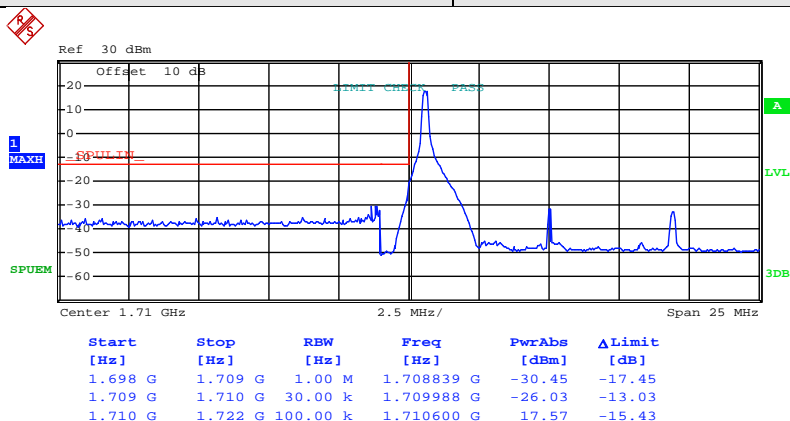


Date: 27.NOV.2015 02:03:44

Highest channel

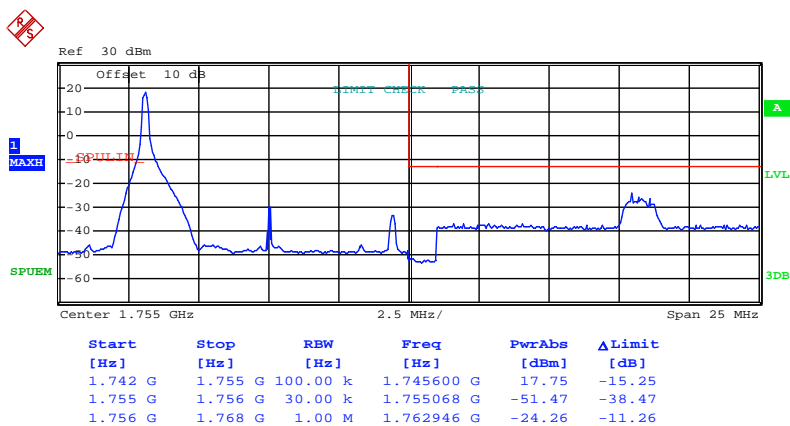
Test Mode:

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



Date: 27.NOV.2015 01:54:46

Lowest channel

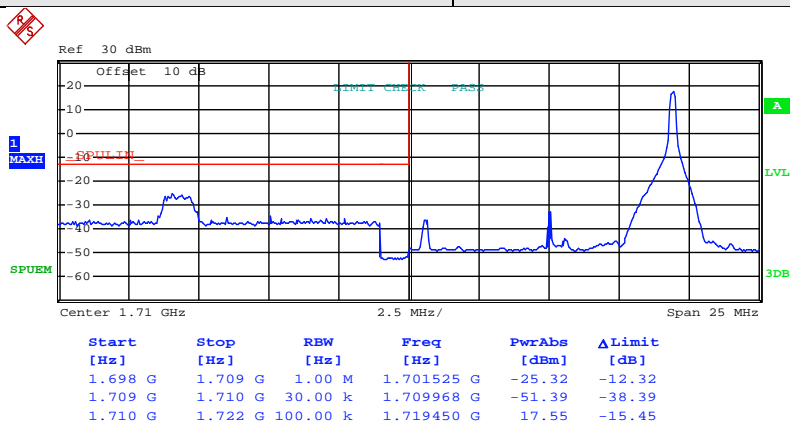


Date: 27.NOV.2015 01:58:34

Highest channel

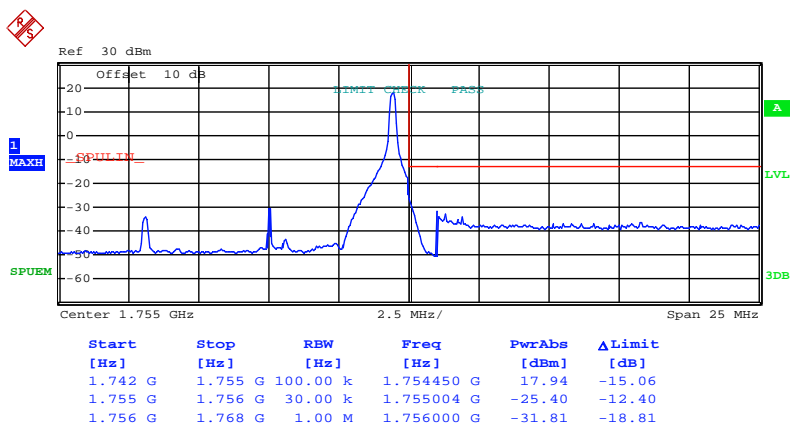
Test Mode:

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



Date: 27.NOV.2015 01:55:01

Lowest channel

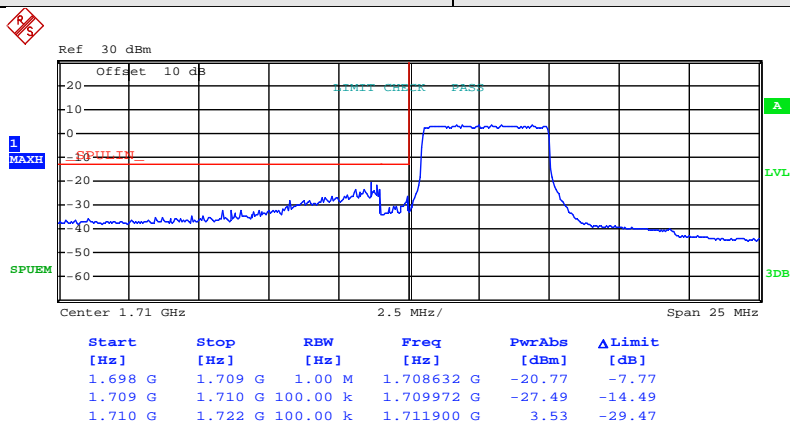


Date: 27.NOV.2015 01:58:49

Highest channel

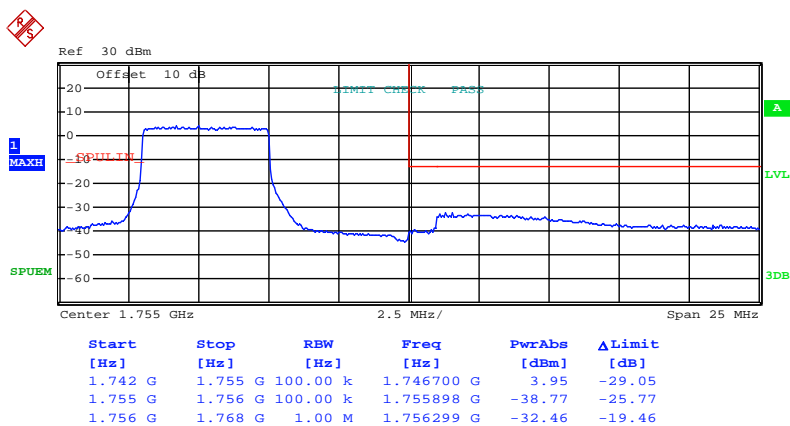
Test Mode:

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



Date: 27.NOV.2015 01:56:07

Lowest channel

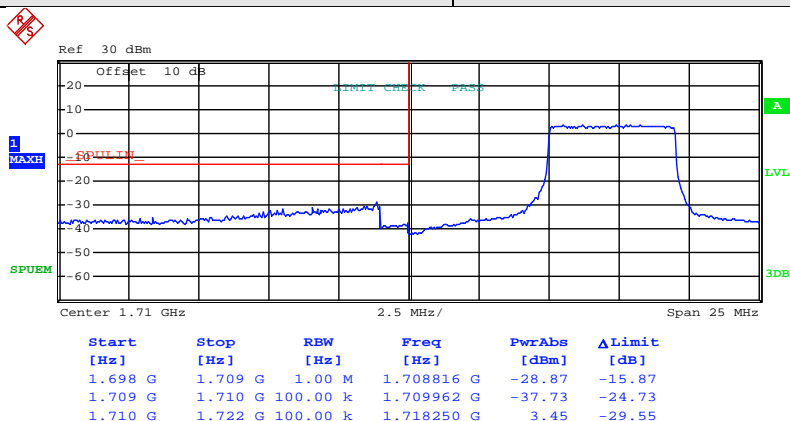


Date: 27.NOV.2015 02:00:23

Highest channel

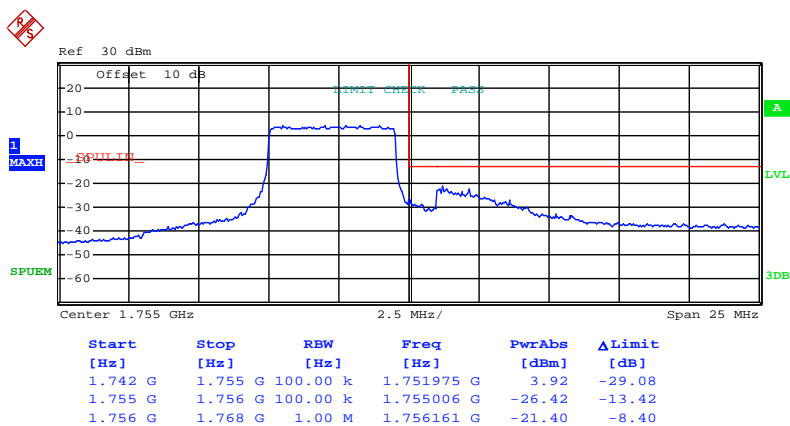
Test Mode:

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



Date: 27.NOV.2015 01:56:25

Lowest channel

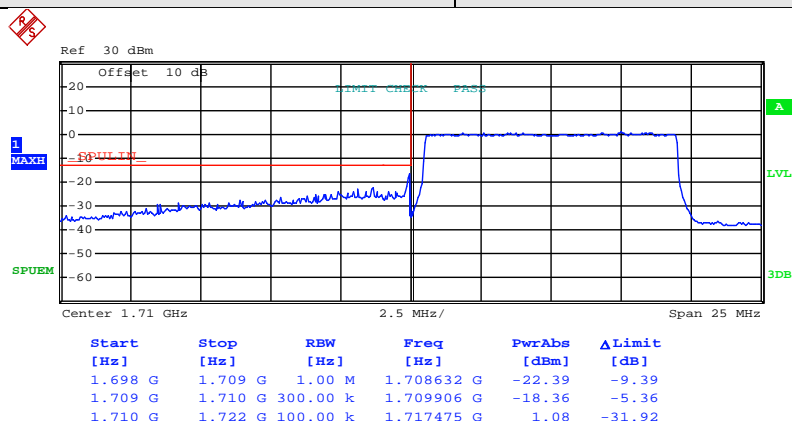


Date: 27.NOV.2015 02:02:44

Highest channel

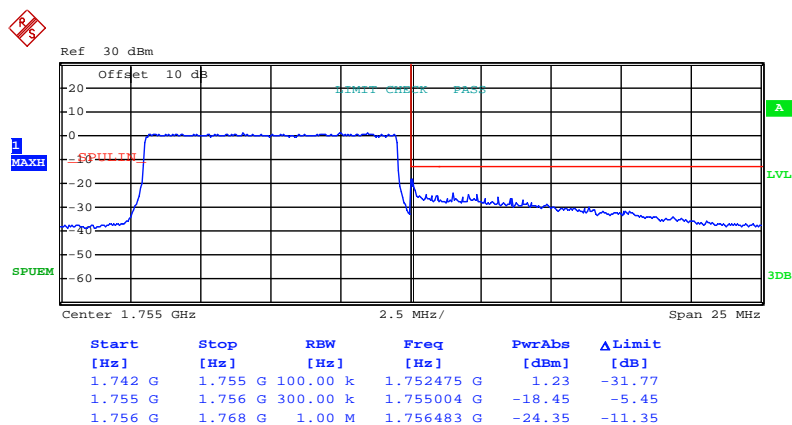
Test Mode:

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



Date: 27.NOV.2015 01:57:15

Lowest channel

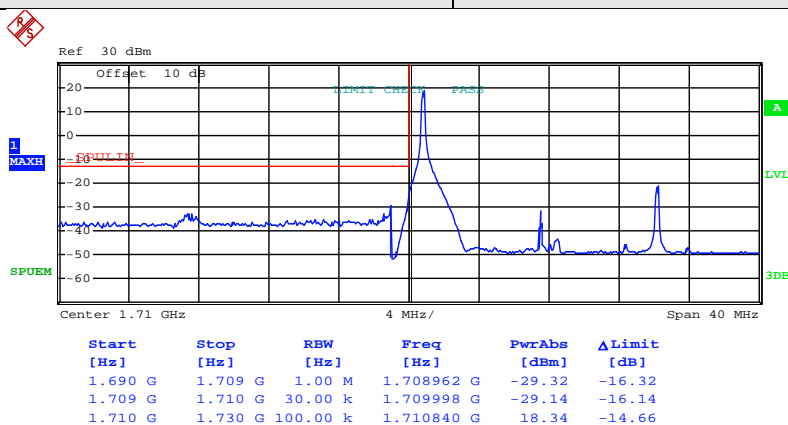


Date: 27.NOV.2015 02:04:01

Highest channel

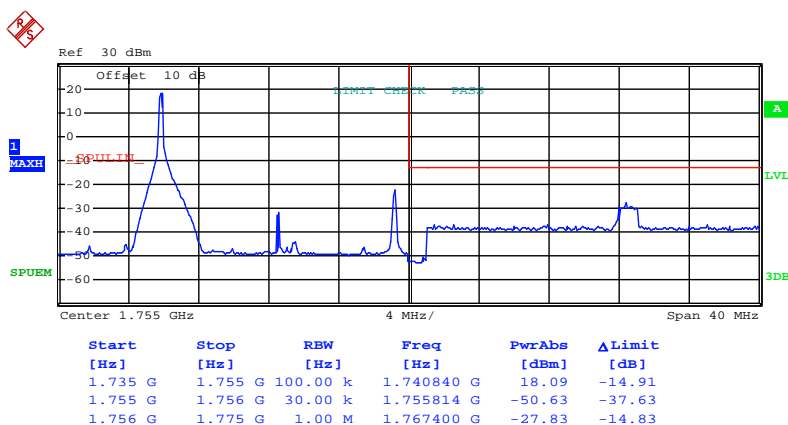
15MHz:

Test Mode:	LTE band 4(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 02:05:55

Lowest channel

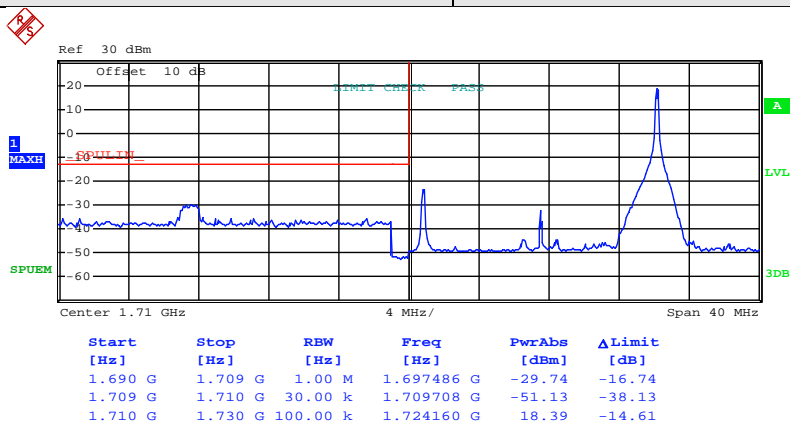


Date: 27.NOV.2015 02:10:18

Highest channel

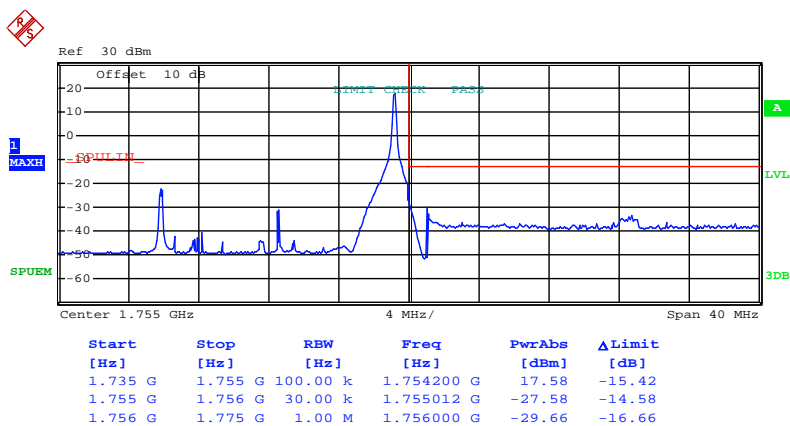
Test Mode:

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



Date: 27.NOV.2015 02:06:42

Lowest channel

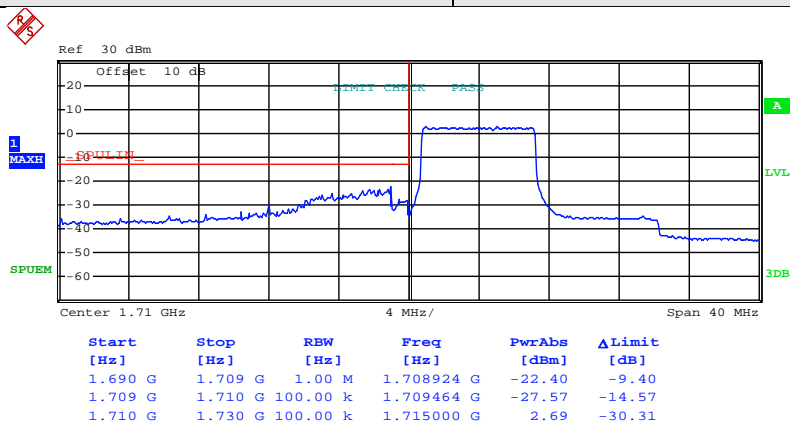


Date: 27.NOV.2015 02:10:42

Highest channel

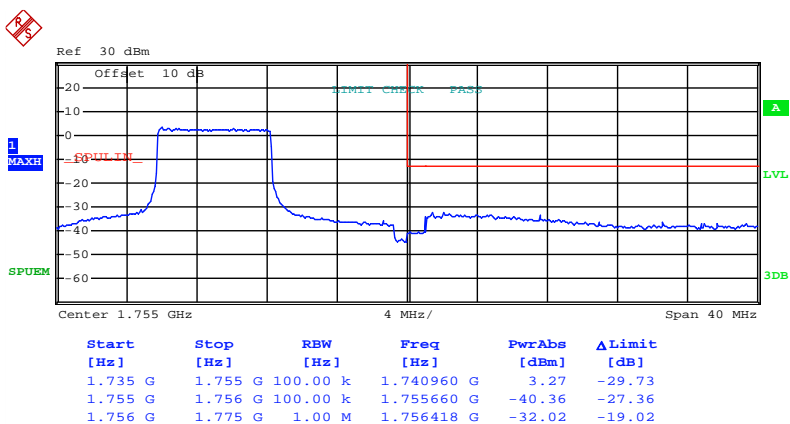
Test Mode:

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



Date: 27.NOV.2015 02:07:13

Lowest channel

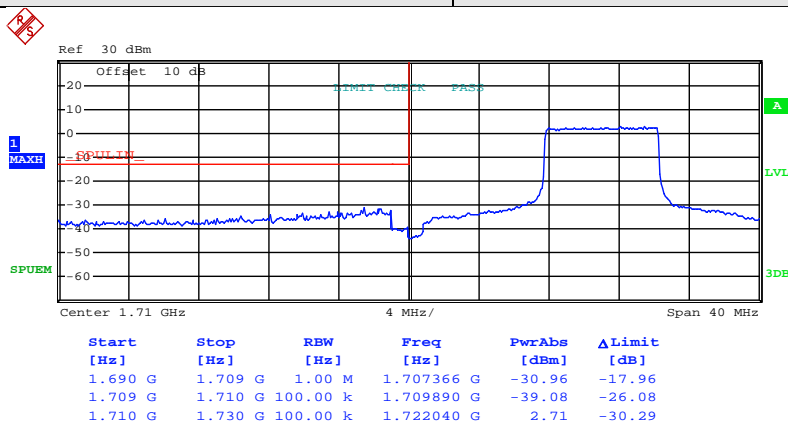


Date: 27.NOV.2015 02:11:35

Highest channel

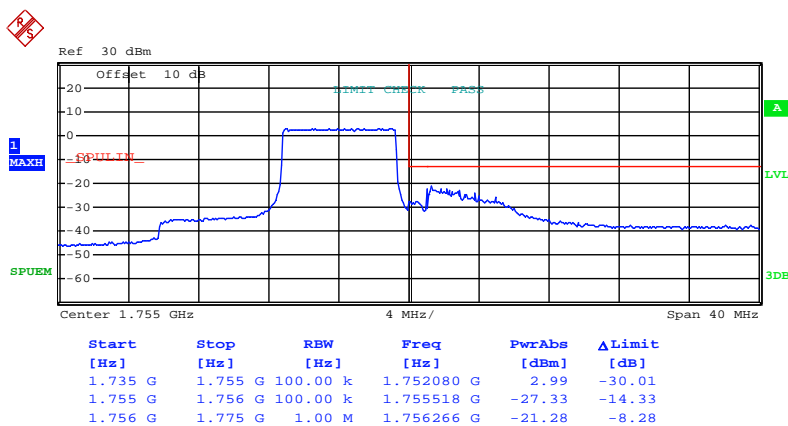
Test Mode:

LTE band 4(QPSK RB Size 36& RB Offset 37)



Date: 27.NOV.2015 02:08:02

Lowest channel

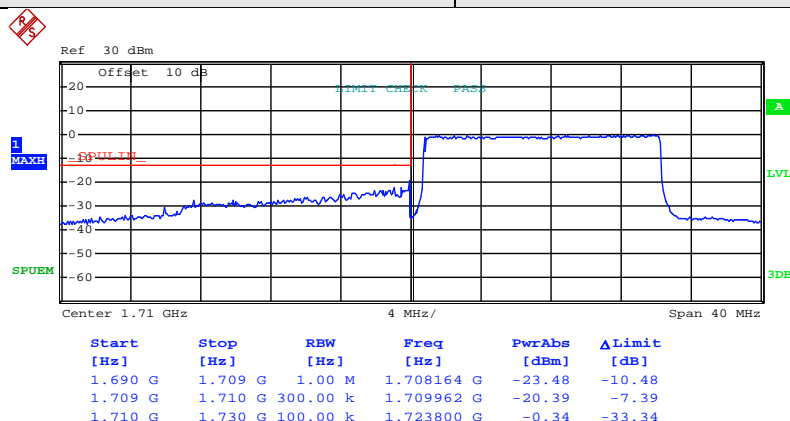


Date: 27.NOV.2015 02:12:36

Highest channel

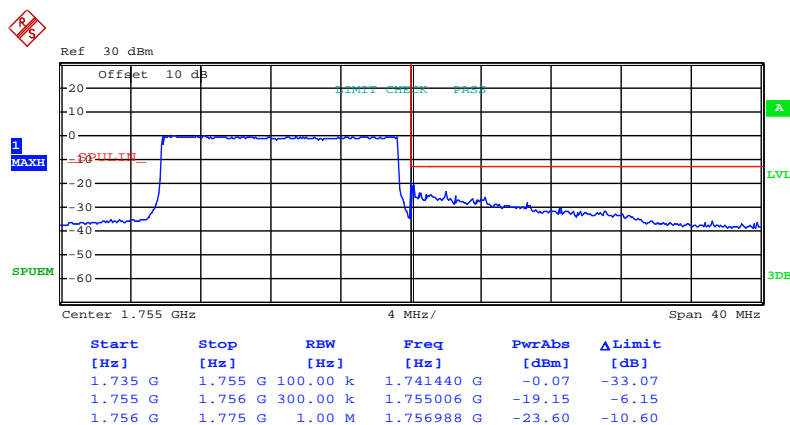
Test Mode:

LTE band 4(QPSK RB Size 75& RB Offset 0)



Date: 27.NOV.2015 02:08:30

Lowest channel

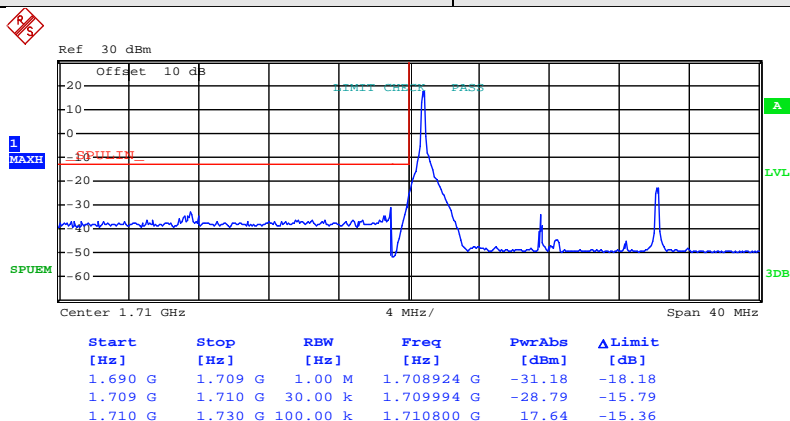


Date: 27.NOV.2015 02:13:02

Highest channel

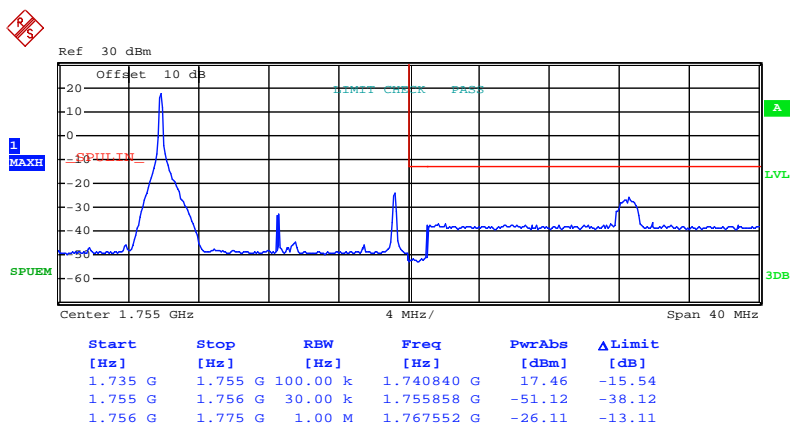
Test Mode:

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



Date: 27.NOV.2015 02:06:11

Lowest channel

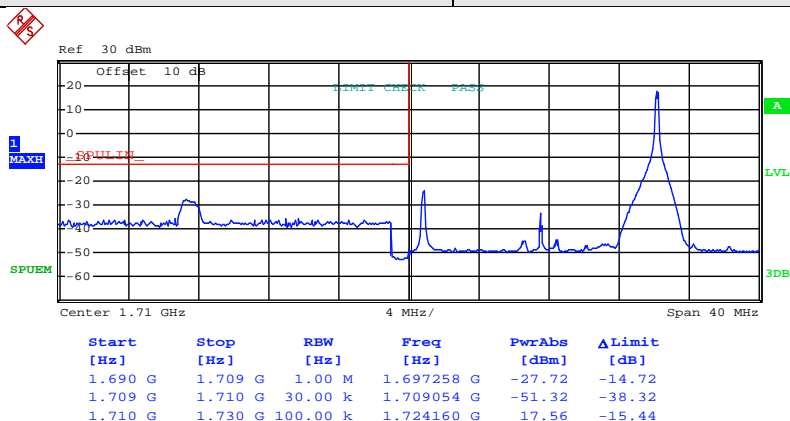


Date: 27.NOV.2015 02:10:01

Highest channel

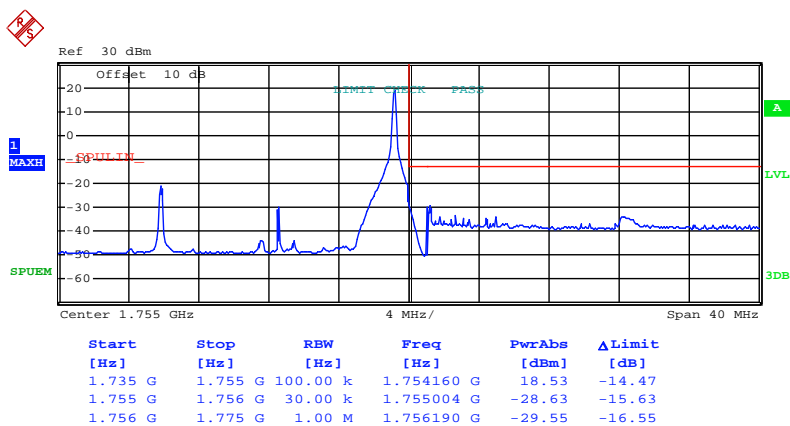
Test Mode:

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



Date: 27.NOV.2015 02:06:27

Lowest channel

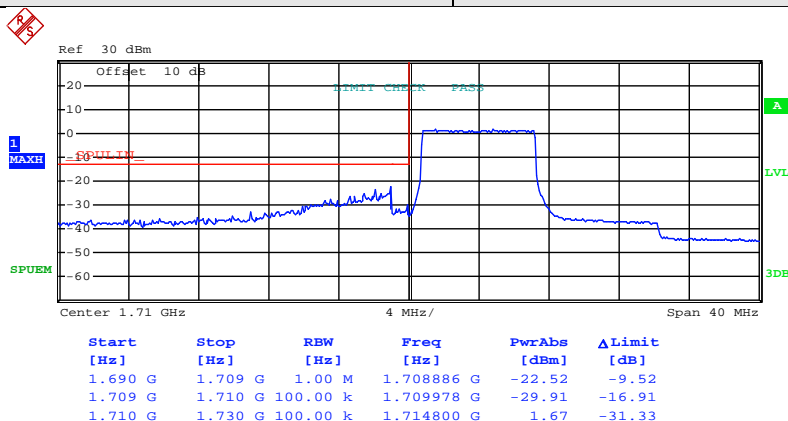


Date: 27.NOV.2015 02:10:59

Highest channel

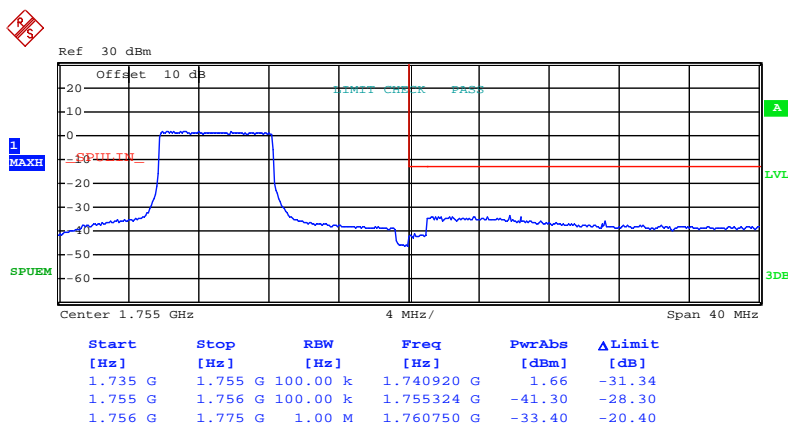
Test Mode:

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



Date: 27.NOV.2015 02:07:28

Lowest channel

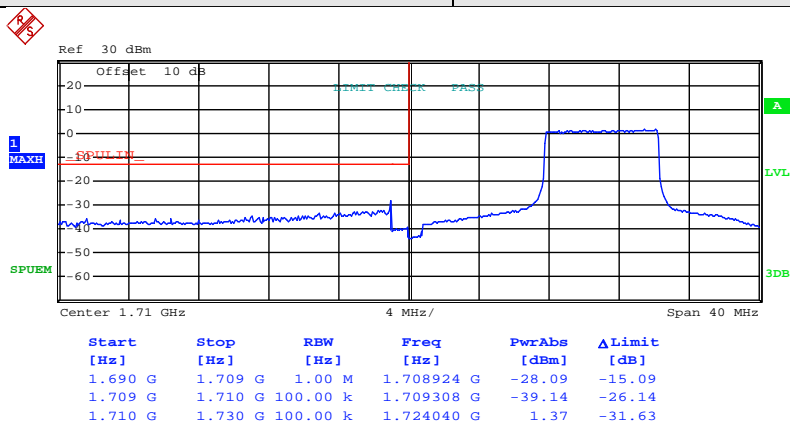


Date: 27.NOV.2015 02:11:53

Highest channel

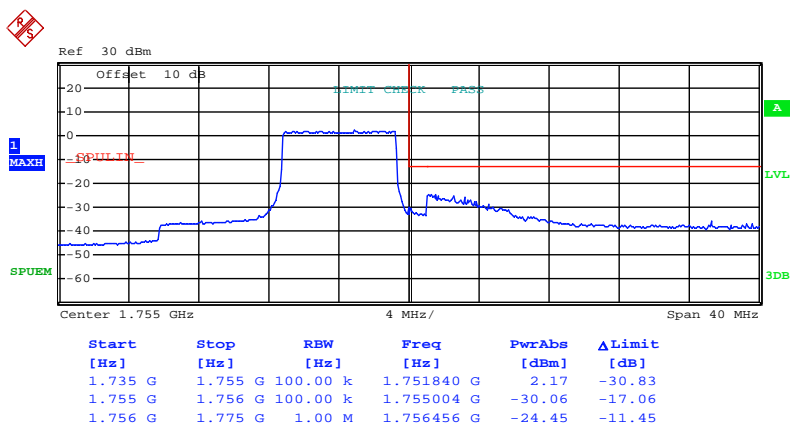
Test Mode:

LTE band 4(16QAM RB Size 36 & RB Offset 37)



Date: 27.NOV.2015 02:07:44

Lowest channel

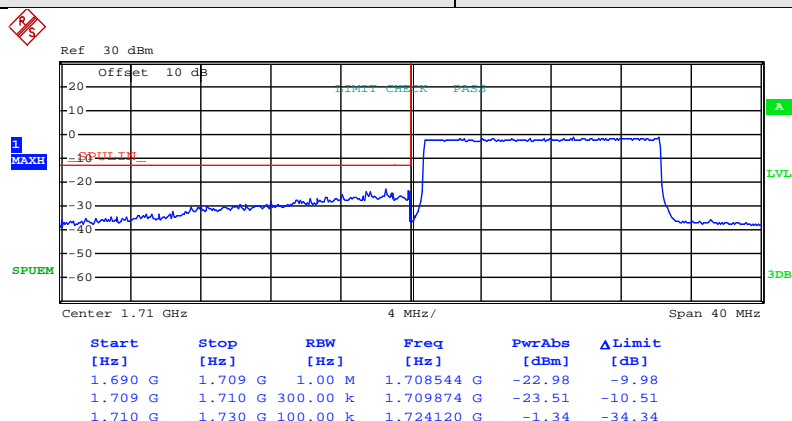


Date: 27.NOV.2015 02:12:14

Highest channel

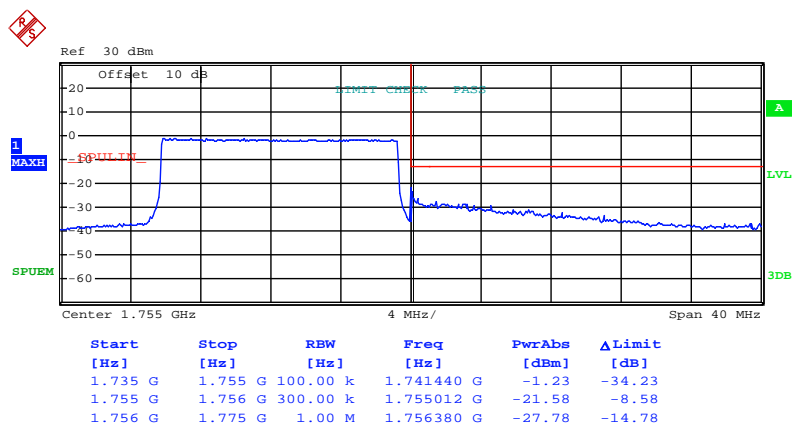
Test Mode:

LTE band 4(16QAM RB Size 75& RB Offset 0)



Date: 27.NOV.2015 02:08:46

Lowest channel

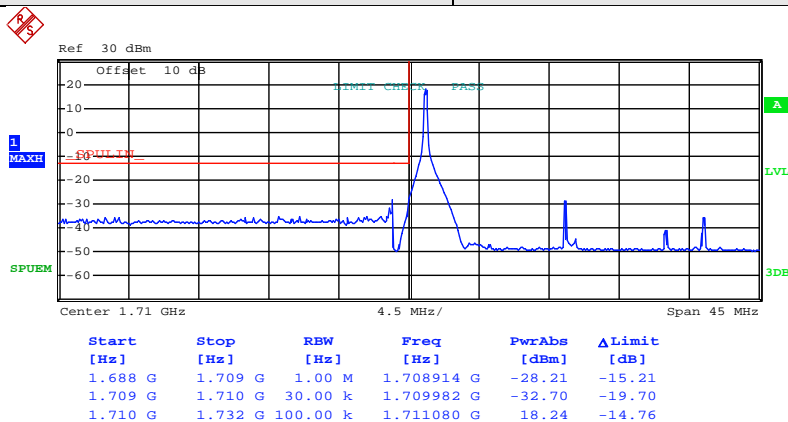


Date: 27.NOV.2015 02:13:16

Highest channel

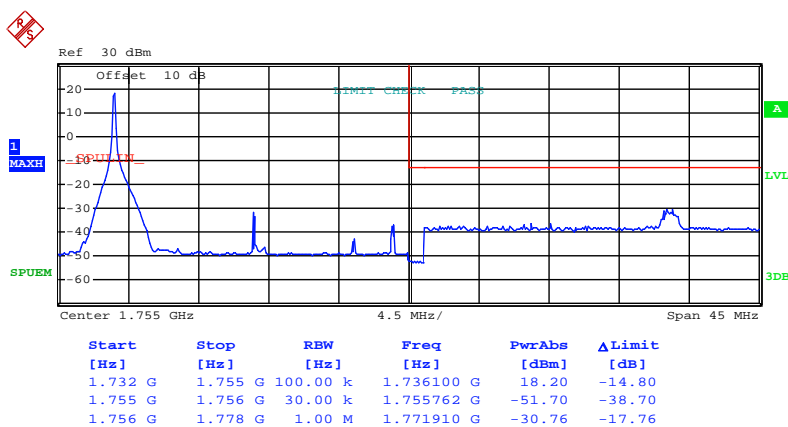
20MHz:

Test Mode:	LTE band 4(QPSK RB Size 1& RB Offset 0)
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Date: 27.NOV.2015 02:15:24

Lowest channel

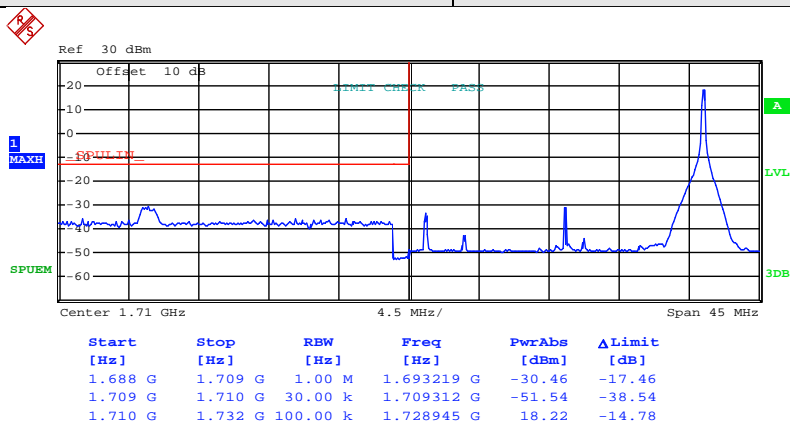


Date: 27.NOV.2015 02:28:04

Highest channel

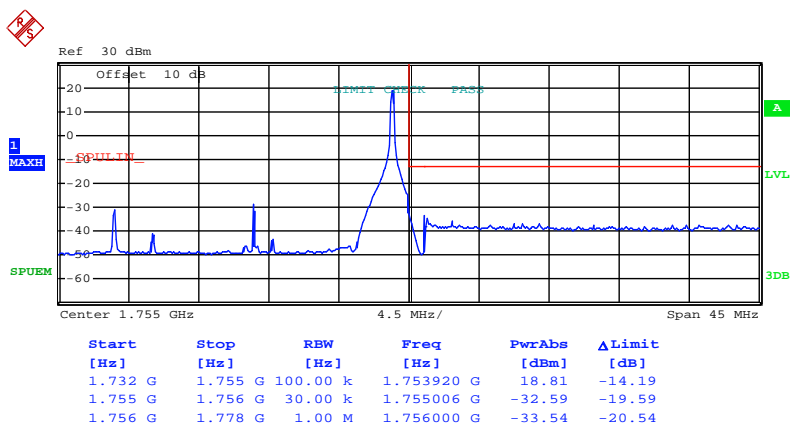
Test Mode:

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



Date: 27.NOV.2015 02:16:28

Lowest channel

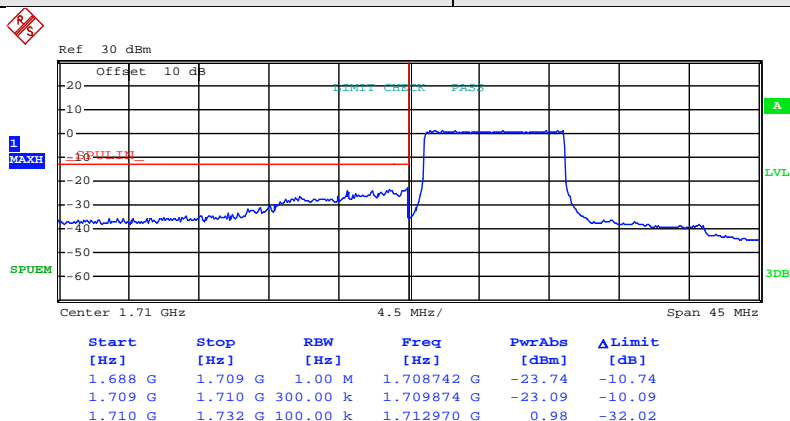


Date: 27.NOV.2015 02:28:49

Highest channel

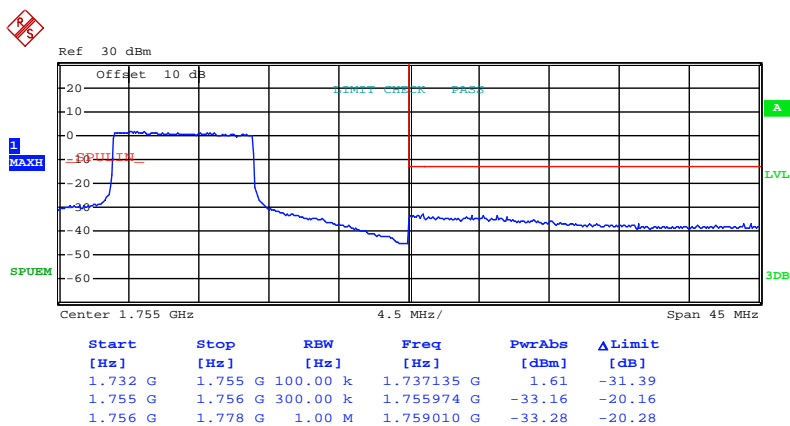
Test Mode:

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



Date: 27.NOV.2015 02:17:13

Lowest channel

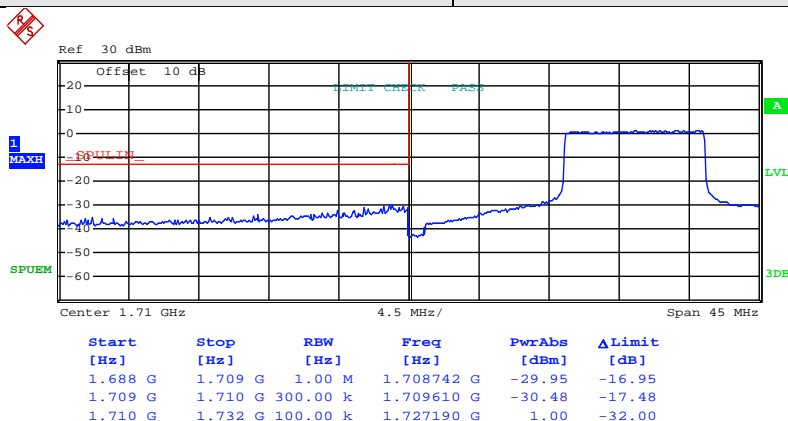


Date: 27.NOV.2015 02:29:23

Highest channel

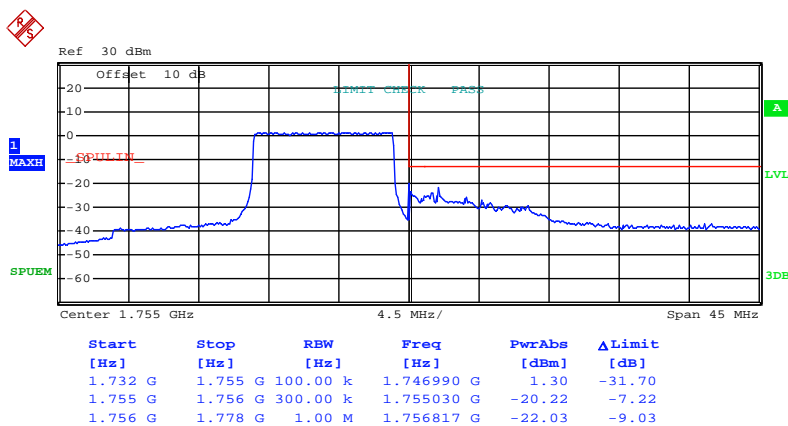
Test Mode:

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



Date: 27.NOV.2015 02:18:12

Lowest channel

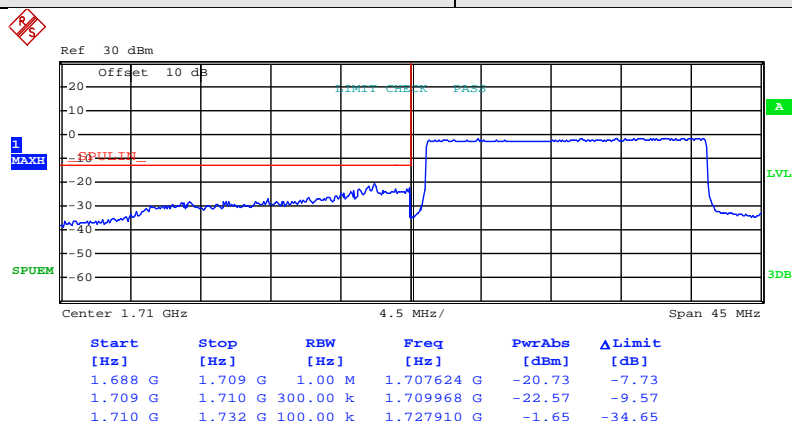


Date: 27.NOV.2015 02:30:13

Highest channel

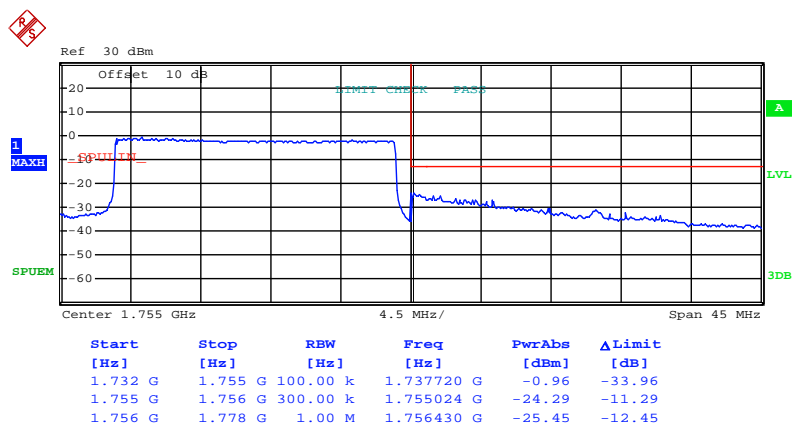
Test Mode:

LTE band 4(QPSK RB Size 100& RB Offset 0)



Date: 27.NOV.2015 02:18:36

Lowest channel

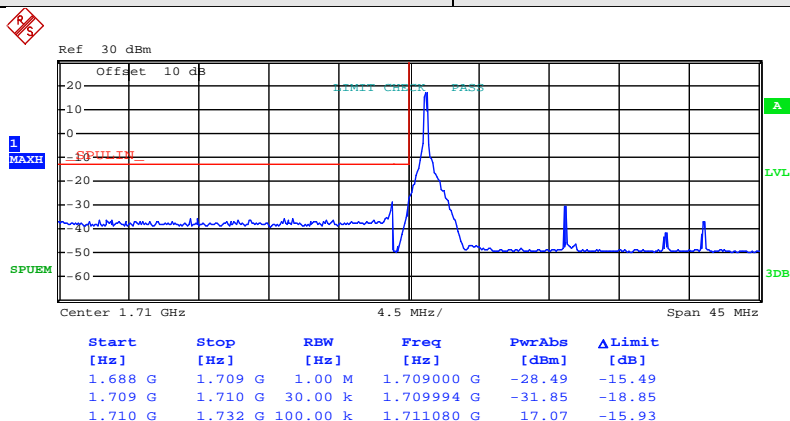


Date: 27.NOV.2015 02:30:29

Highest channel

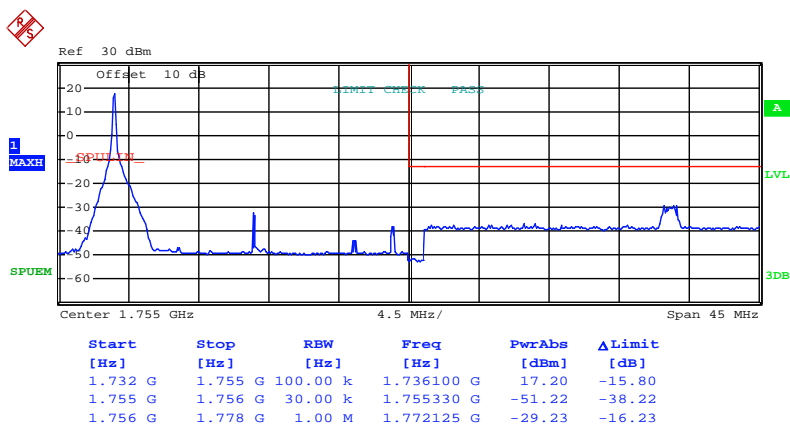
Test Mode:

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



Date: 27.NOV.2015 02:15:42

Lowest channel

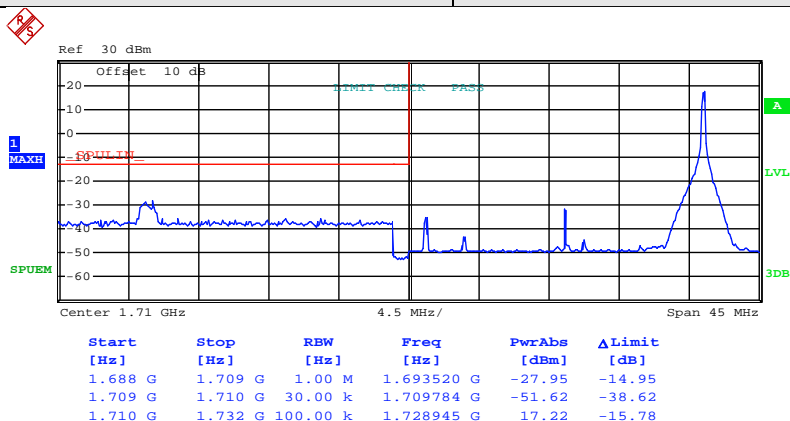


Date: 27.NOV.2015 02:28:21

Highest channel

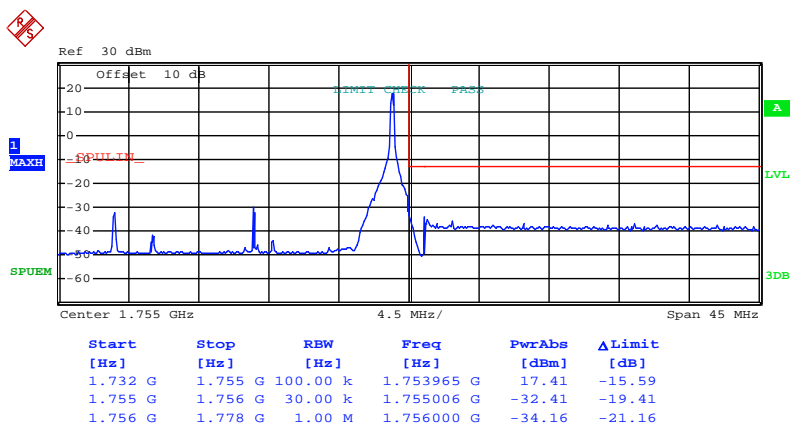
Test Mode:

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



Date: 27.NOV.2015 02:16:08

Lowest channel

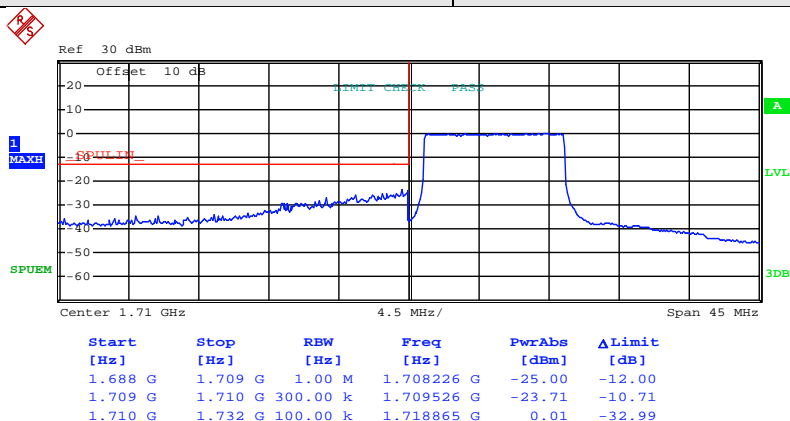


Date: 27.NOV.2015 02:28:36

Highest channel

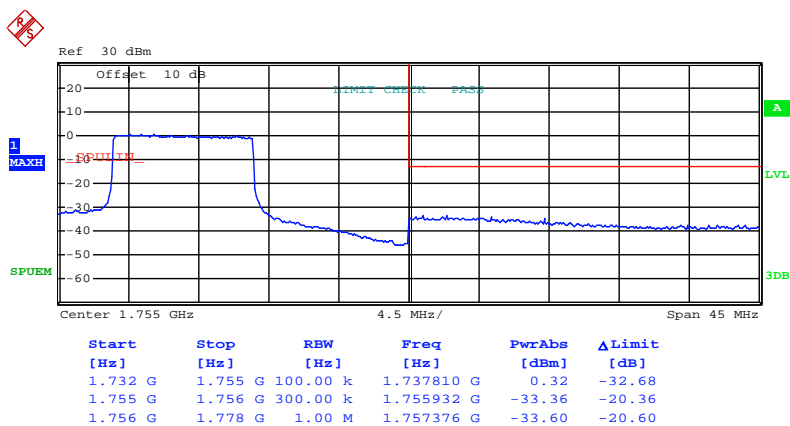
Test Mode:

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



Date: 27.NOV.2015 02:17:29

Lowest channel

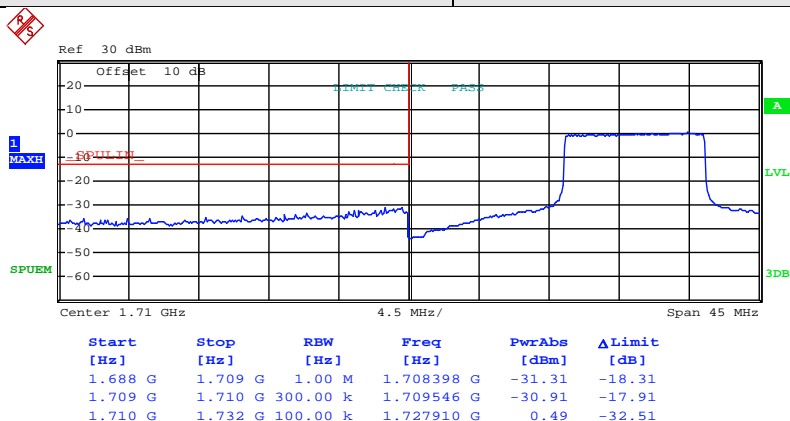


Date: 27.NOV.2015 02:29:37

Highest channel

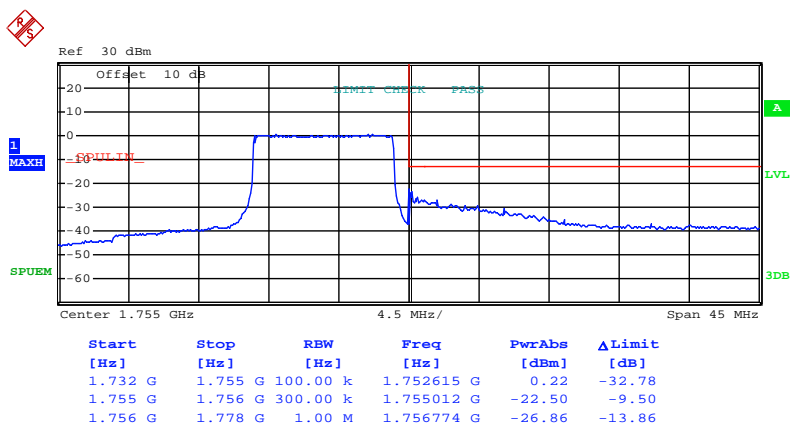
Test Mode:

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



Date: 27.NOV.2015 02:17:49

Lowest channel

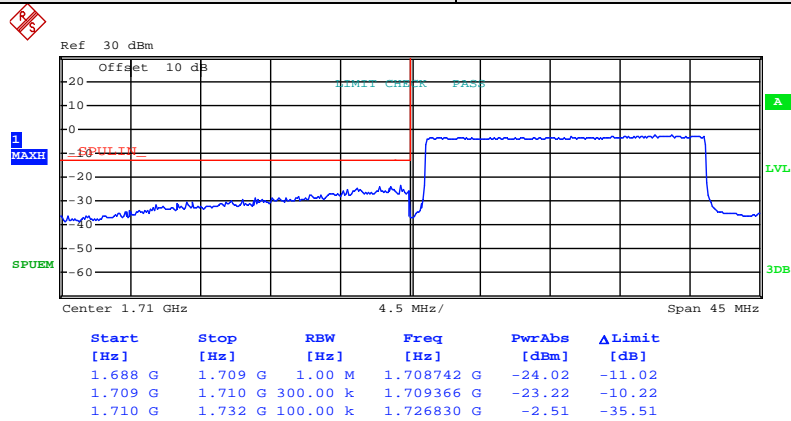


Date: 27.NOV.2015 02:29:54

Highest channel

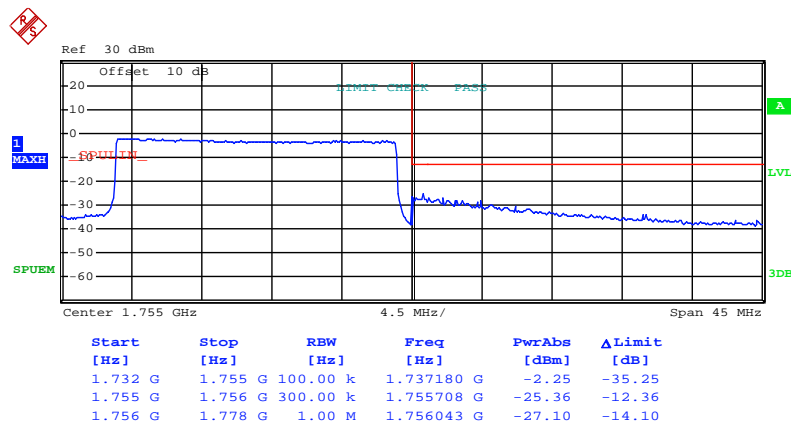
Test Mode:

LTE band 4(16QAM RB Size 100& RB Offset 0)



Date: 27.NOV.2015 02:18:52

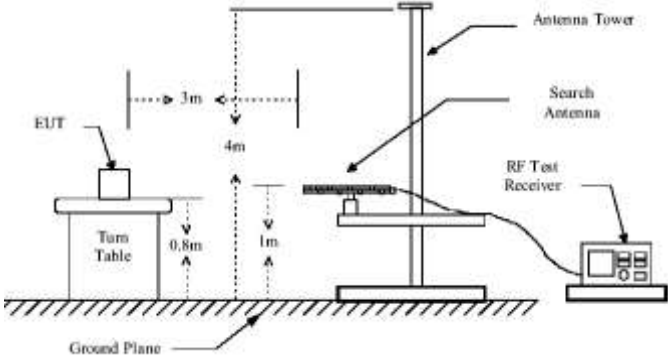
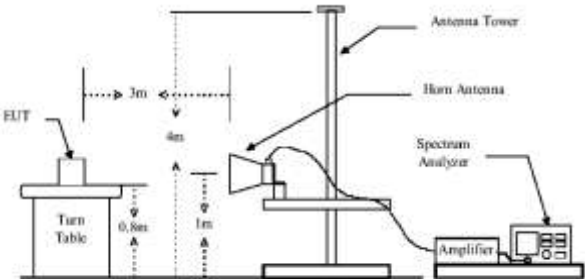
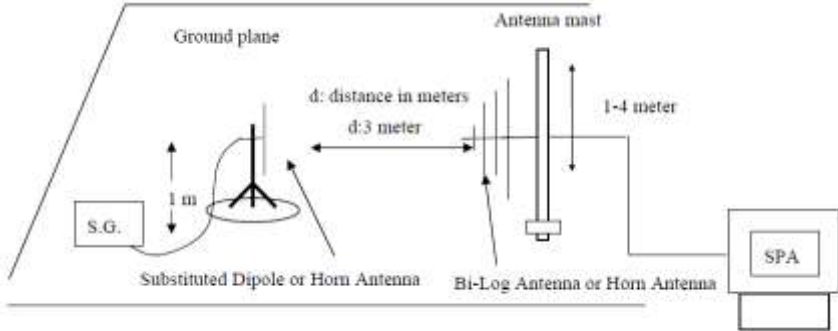
Lowest channel



Date: 27.NOV.2015 02:30:55

Highest channel

6.10 ERP, EIRP Measurement

Test Requirement:	FCCpart 24.232 (c),part 27.50(d)
Test Method:	FCC part2.1046
Limit:	LTE Band 2: 2W EIRP LTE Band 4:1W 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 an 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 communication 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 and 1710.7-1754.3 MHz were measured using a substitution method. The EUT was replaced by 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	23.31	33.00	Pass
					H	23.04		
1850.70	18607	16QAM	1.4	H	V	23.71		
					H	22.25		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	23.36	33.00	Pass
					H	21.15		
1850.70	18607	16QAM	1.4	H	V	23.85		
					H	21.24		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	23.39	33.00	Pass
					H	21.15		
1850.70	18607	16QAM	1.4	H	V	23.32		
					H	21.58		

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	24.60	33.00	Pass
					H	22.59		
1880.00	18900	16QAM	1.4	H	V	24.33		
					H	21.98		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	24.46	33.00	Pass
					H	22.45		
1880.00	18900	16QAM	1.4	H	V	24.57		
					H	21.92		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.40	H	V	24.33	33.00	Pass
					H	22.25		
1880.00	18900	16QAM	1.40	H	V	23.36		
					H	22.04		

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	23.36	33.00	Pass
					H	22.15		
1909.30	19193	16QAM	1.4	H	V	23.34		
					H	22.05		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	23.36	33.00	Pass
					H	23.41		
1909.30	19193	16QAM	1.4	H	V	23.38		
					H	22.15		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	23.95	33.00	Pass
					H	23.31		
1909.30	19193	16QAM	1.4	H	V	24.05		
					H	23.21		

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	23.24	33.00	Pass
					H	22.04		
1860.00	18700	16QAM	20	H	V	23.31		
					H	22.28		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	23.14	33.00	Pass
					H	21.63		
1860.00	18700	16QAM	20	H	V	22.77		
					H	21.03		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	22.13	33.00	Pass
					H	20.54		
1860.00	18700	16QAM	20	H	V	22.37		
					H	20.11		

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	23.80	33.00	Pass
					H	21.97		
1880.00	18900	16QAM	20	H	V	24.08		
					H	21.73		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	23.56	33.00	Pass
					H	21.30		
1880.00	18900	16QAM	20	H	V	23.80		
					H	21.61		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	21.91	33.00	Pass
					H	20.35		
1880.00	18900	16QAM	20	H	V	22.78		
					H	19.94		

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	23.47	33.00	Pass
					H	21.34		
1900.00	19100	16QAM	20	H	V	24.26		
					H	21.25		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	23.04	33.00	Pass
					H	21.45		
1900.00	19100	16QAM	20	H	V	22.38		
					H	21.74		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	22.36	33.00	Pass
					H	20.74		
1900.00	19100	16QAM	20	H	V	22.62		
					H	20.24		

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	21.03	30.00	Pass
					H	17.14		
1710.70	19957	16QAM	1.4	H	V	21.36		
					H	17.05		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	21.16	30.00	Pass
					H	17.75		
1710.70	19957	16QAM	1.4	H	V	21.36		
					H	17.63		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	21.45	30.00	Pass
					H	17.42		
1710.70	19957	16QAM	1.4	H	V	21.25		
					H	17.29		

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	20175	QPSK	1.4	H	V	20.90	30.00	Pass
					H	16.52		
1732.50	20175	16QAM	1.4	H	V	20.78		
					H	16.27		
1.4MHz(RB size 3 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	21.02	30.00	Pass
					H	16.93		
1732.50	20175	16QAM	1.4	H	V	21.07		
					H	16.65		
1.4MHz(RB size 6 & RB offset 0)								
1732.50	20175	QPSK	1.4	H	V	21.02	30.00	Pass
					H	16.71		
1732.50	20175	16QAM	1.4	H	V	20.92		
					H	16.40		

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	20393	QPSK	1.4	H	V	21.17	30.00	Pass
					H	17.32		
1754.30	20393	16QAM	1.4	H	V	21.14		
					H	17.52		
1.4MHz(RB size 3 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	21.45	30.00	Pass
					H	17.71		
1754.30	20393	16QAM	1.4	H	V	21.33		
					H	17.05		
1.4MHz(RB size 6 & RB offset 0)								
1754.30	20393	QPSK	1.4	H	V	21.52	30.00	Pass
					H	17.65		
1754.30	20393	16QAM	1.4	H	V	21.18		
					H	17.05		

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	22.15	30.00	Pass
					H	17.25		
1720.00	20050	16QAM	20	H	V	21.36		
					H	16.85		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	22.41	30.00	Pass
					H	17.67		
1720.00	20050	16QAM	20	H	V	23.04		
					H	17.68		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	21.57	30.00	Pass
					H	17.03		
1720.00	20050	16QAM	20	H	V	21.65		
					H	17.24		

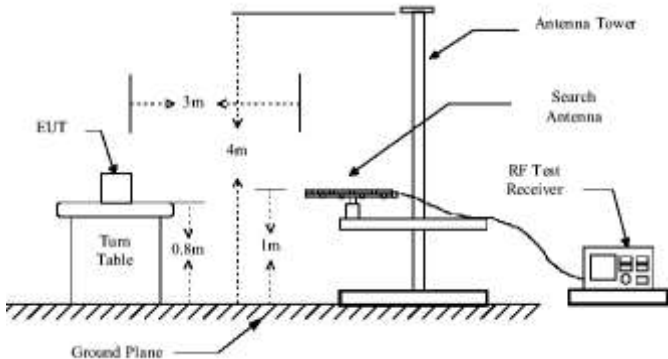
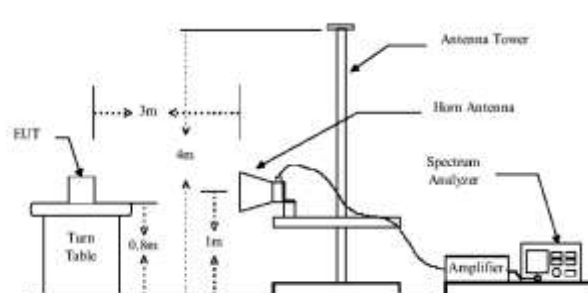
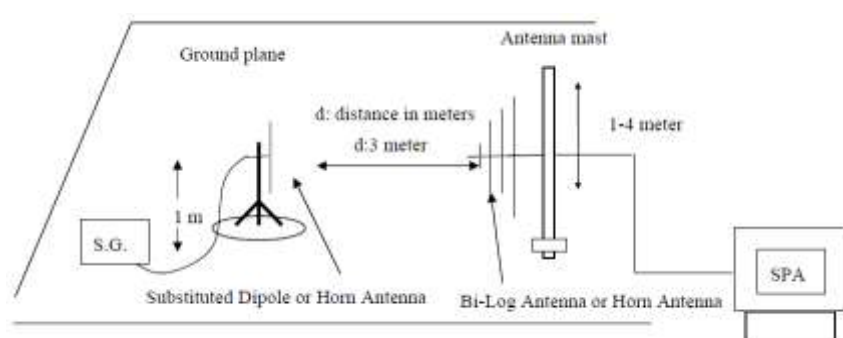
Middle channel

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	21.99	30.00	Pass
					H	16.83		
1732.50	20175	16QAM	20	H	V	22.24		
					H	16.74		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	22.79	30.00	Pass
					H	17.97		
1732.50	20175	16QAM	20	H	V	23.25		
					H	17.57		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	21.48	30.00	Pass
					H	16.29		
1732.50	20175	16QAM	20	H	V	22.09		
					H	16.38		

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	22.14	30.00	Pass
					H	17.52		
1745.00	20300	16QAM	20	H	V	23.04		
					H	17.74		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	23.14	30.00	Pass
					H	18.02		
1745.00	20300	16QAM	20	H	V	23.31		
					H	17.16		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	21.27	30.00	Pass
					H	16.25		
1745.00	20300	16QAM	20	H	V	22.42		
					H	17.28		

6.11 Field strength of spurious radiation measurement

Test Requirement:	FCC Part 24.238 (a), part 27.53(h)
Test Method:	FCC part2.1053
Limit:	LTE Band 2<E Band 4: -13 dBm
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 an 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 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. 3. 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 was determined using the substitution method. 4. The spurious emissions attenuation was calculated as the difference

	between radiated power at the fundamental frequency and the spurious emissions frequency. $ERP / EIRP = S.G. \text{ output (dBm)} + \text{Antenna Gain(dB/dBi)} - \text{Cable Loss (dB)}$
Test Uncertainty:	±4.88dB
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

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5552.10	V	-31.20	-13.00	Pass
5552.10	H	-33.58		
Middle				
5640.00	V	-31.27	-13.00	Pass
5640.00	H	-35.28		
Highest				
5724.90	V	-33.84	-13.00	Pass
5724.90	H	-36.08		

3MHz(RB size 1 & RB offset 0) for QPSK

Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5554.50	V	-30.88	-13.00	Pass
5554.50	H	-33.19		
Middle				
5640.00	V	-32.09	-13.00	Pass
5640.00	H	-36.64		
Highest				
5725.50	V	-35.30	-13.00	Pass
5725.50	H	-37.35		

5MHz(RB size 1 & RB offset 0) for QPSK

Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5557.50	V	-30.88	-13.00	Pass
5557.50	H	-33.72		
Middle				
5640.00	V	-30.08	-13.00	Pass
5640.00	H	-34.22		
Highest				
5722.50	V	-38.47	-13.00	Pass
5722.50	H	-40.92		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5565.00	V	-34.61	-13.00	Pass
5565.00	H	-36.75		
Middle				
5640.00	V	-36.09	-13.00	Pass
5640.00	H	-33.04		
Highest				
5715.00	V	-37.09	-13.00	Pass
5715.00	H	-35.92		
15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5572.50	V	-35.67	-13.00	Pass
5572.50	H	-35.92		
Middle				
5640.00	V	-36.95	-13.00	Pass
5640.00	H	-32.86		
Highest				
5707.50	V	-36.67	-13.00	Pass
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				
5580.00	V	-38.34	-13.00	Pass
5580.00	H	-35.95		
Middle				
5640.00	V	-38.00	-13.00	Pass
5640.00	H	-34.23		
Highest				
5700.00	V	-40.49	-13.00	Pass
5700.00	H	-40.24		

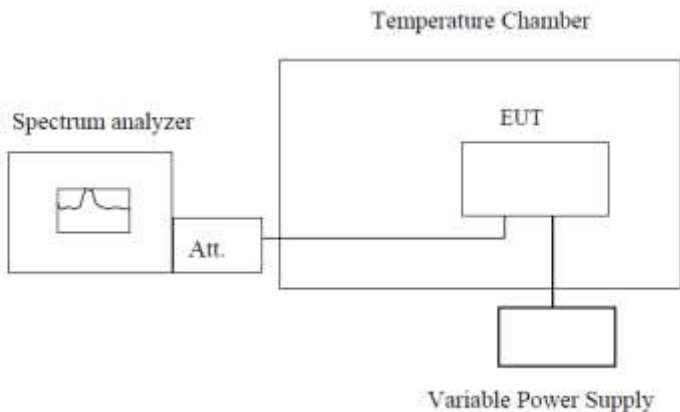
LTE Band 4 Part:

1.4MHz(RB size 1 & RB offset 0) for QPSK

1.4MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5132.10	V	-34.96	-13.00	Pass
5132.10	H	-37.81		
Middle				
5197.50	V	-36.56	-13.00	Pass
5197.50	H	-37.06		
Highest				
5262.90	V	-33.01	-13.00	Pass
5262.90	H	-34.27		
3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5134.50	V	-37.44	-13.00	Pass
5134.50	H	-36.82		
Middle				
5197.50	V	-36.61	-13.00	Pass
5197.50	H	-37.48		
Highest				
5260.50	V	-35.48	-13.00	Pass
5260.50	H	-36.69		
5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5137.50	V	-33.80	-13.00	Pass
5137.50	H	-36.53		
Middle				
5197.50	V	-38.96	-13.00	Pass
5197.50	H	-36.36		
Highest				
5257.50	V	-32.02	-13.00	Pass
5257.50	H	-34.20		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5145.00	V	-35.62	-13.00	Pass
5145.00	H	-36.15		
Middle				
5197.50	V	-34.58	-13.00	Pass
5197.50	H	-35.68		
Highest				
5250.00	V	-38.02	-13.00	Pass
5250.00	H	-37.15		
15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5152.50	V	-36.34	-13.00	Pass
5152.50	H	-37.01		
Middle				
5197.50	V	-36.68	-13.00	Pass
5197.50	H	-37.15		
Highest				
5242.50	V	-36.61	-13.00	Pass
5242.50	H	-36.42		
20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
5160.00	V	-38.21	-13.00	Pass
5160.00	H	-42.70		
Middle				
5197.50	V	-38.98	-13.00	Pass
5197.50	H	-41.30		
Highest				
5235.00	V	-36.48	-13.00	Pass
5235.00	H	-40.81		

6.12 Frequency stability V.S. Temperature measurement

Test Requirement:	FCC Part2.1055(a)(1)(b)
Test Method:	FCC Part2.1055(a)(1)(b)
Limit:	±2.5ppm
Test setup:	 <p>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	198	0.105319	±2.5	Pass
	-20	165	0.087766		
	-10	147	0.078191		
	0	187	0.099468		
	10	136	0.072340		
	20	157	0.083511		
	30	123	0.065426		
	40	105	0.055851		
	50	142	0.075532		
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	156	0.082979	±2.5	Pass
	-20	147	0.078191		
	-10	123	0.065426		
	0	125	0.066489		
	10	114	0.060638		
	20	102	0.054255		
	30	144	0.076596		
	40	136	0.072340		
	50	128	0.068085		
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	185	0.098404	±2.5	Pass
	-20	126	0.067021		
	-10	132	0.070213		
	0	120	0.063830		
	10	134	0.071277		
	20	174	0.092553		
	30	165	0.087766		
	40	155	0.082447		
	50	123	0.065426		

Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	197	0.104787	±2.5	Pass
	-20	150	0.079787		
	-10	123	0.065426		
	0	162	0.086170		
	10	102	0.054255		
	20	147	0.078191		
	30	112	0.059574		
	40	108	0.057447		
	50	136	0.072340		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	156	0.082979	±2.5	Pass
	-20	123	0.065426		
	-10	184	0.097872		
	0	197	0.104787		
	10	128	0.068085		
	20	104	0.055319		
	30	164	0.087234		
	40	120	0.063830		
	50	188	0.100000		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	199	0.105851	±2.5	Pass
	-20	136	0.072340		
	-10	128	0.068085		
	0	174	0.092553		
	10	102	0.054255		
	20	184	0.097872		
	30	156	0.082979		
	40	110	0.058511		
	50	139	0.073936		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	188	0.100000	±2.5	Pass
	-20	154	0.081915		
	-10	110	0.058511		
	0	123	0.065426		
	10	165	0.087766		
	20	128	0.068085		
	30	167	0.088830		
	40	180	0.095745		
	50	157	0.083511		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	187	0.099468	±2.5	Pass
	-20	123	0.065426		
	-10	136	0.072340		
	0	134	0.071277		
	10	138	0.073404		
	20	129	0.068617		
	30	174	0.092553		
	40	155	0.082447		
	50	167	0.088830		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (℃)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	199	0.105851	±2.5	Pass
	-20	123	0.065426		
	-10	165	0.087766		
	0	147	0.078191		
	10	108	0.057447		
	20	118	0.062766		
	30	167	0.088830		
	40	119	0.063298		
	50	108	0.057447		

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	199	0.105851	±2.5	Pass
	-20	196	0.104255		
	-10	185	0.098404		
	0	132	0.070213		
	10	165	0.087766		
	20	188	0.100000		
	30	134	0.071277		
	40	174	0.092553		
	50	160	0.085106		
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	182	0.096809	±2.5	Pass
	-20	102	0.054255		
	-10	131	0.069681		
	0	168	0.089362		
	10	117	0.062234		
	20	140	0.074468		
	30	108	0.057447		
	40	169	0.089894		
	50	107	0.056915		
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	195	0.103723	±2.5	Pass
	-20	163	0.086702		
	-10	192	0.102128		
	0	167	0.088830		
	10	180	0.095745		
	20	183	0.097340		
	30	174	0.092553		
	40	176	0.093617		
	50	108	0.057447		

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	197	0.113709	±2.5	Pass
	-20	165	0.095238		
	-10	132	0.076190		
	0	108	0.062338		
	10	107	0.061760		
	20	115	0.066378		
	30	164	0.094661		
	40	118	0.068110		
	50	116	0.066955		

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	199	0.114863	±2.5	Pass
	-20	165	0.095238		
	-10	120	0.069264		
	0	147	0.084848		
	10	185	0.106782		
	20	164	0.094661		
	30	177	0.102165		
	40	123	0.070996		
	50	104	0.060029		

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	196	0.113131	±2.5	Pass
	-20	125	0.072150		
	-10	136	0.078499		
	0	184	0.106205		
	10	174	0.100433		
	20	121	0.069841		
	30	131	0.075613		
	40	101	0.058297		
	50	109	0.062915		

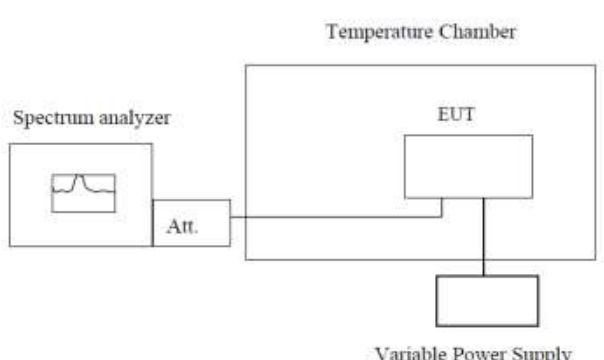
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	192	0.110823	±2.5	Pass
	-20	123	0.070996		
	-10	110	0.063492		
	0	145	0.083694		
	10	178	0.102742		
	20	164	0.094661		
	30	180	0.103896		
	40	119	0.068687		
	50	146	0.084271		
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	177	0.102165	±2.5	Pass
	-20	154	0.088889		
	-10	165	0.095238		
	0	132	0.076190		
	10	155	0.089466		
	20	136	0.078499		
	30	142	0.081962		
	40	164	0.094661		
	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	191	0.110245	±2.5	Pass
	-20	125	0.072150		
	-10	145	0.083694		
	0	123	0.070996		
	10	148	0.085426		
	20	172	0.099278		
	30	185	0.106782		
	40	166	0.095815		
	50	120	0.069264		

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	195	0.112554	±2.5	Pass
	-20	165	0.095238		
	-10	123	0.070996		
	0	147	0.084848		
	10	178	0.102742		
	20	188	0.108514		
	30	120	0.069264		
	40	112	0.064646		
	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	186	0.107359	±2.5	Pass
	-20	184	0.106205		
	-10	126	0.072727		
	0	136	0.078499		
	10	165	0.095238		
	20	177	0.102165		
	30	145	0.083694		
	40	129	0.074459		
	50	102	0.058874		
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	199	0.114863	±2.5	Pass
	-20	163	0.094084		
	-10	123	0.070996		
	0	104	0.060029		
	10	114	0.065801		
	20	185	0.106782		
	30	174	0.100433		
	40	163	0.094084		
	50	135	0.077922		

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	165	0.095238	±2.5	Pass
	-20	102	0.058874		
	-10	146	0.084271		
	0	153	0.088312		
	10	120	0.069264		
	20	109	0.062915		
	30	114	0.065801		
	40	155	0.089466		
	50	136	0.078499		
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	182	0.105051	±2.5	Pass
	-20	123	0.070996		
	-10	165	0.095238		
	0	177	0.102165		
	10	145	0.083694		
	20	159	0.091775		
	30	152	0.087734		
	40	130	0.075036		
	50	133	0.076768		
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	196	0.113131	±2.5	Pass
	-20	125	0.072150		
	-10	184	0.106205		
	0	176	0.101587		
	10	135	0.077922		
	20	164	0.094661		
	30	123	0.070996		
	40	118	0.068110		
	50	108	0.062338		

6.13 Frequency stability V.S. Voltage measurement

Test Requirement:	FCC Part2.1055(d)(1)(2)
Test Method:	FCC Part2.1055(d)(1)(2)
Limit:	±2.5ppm
Test setup:	 <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	4.25	88	0.046809	±2.5	Pass
	3.80	65	0.034574		
	3.40	48	0.025532		
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	4.25	96	0.051064	±2.5	Pass
	3.80	35	0.018617		
	3.40	74	0.039362		
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	4.25	84	0.044681	±2.5	Pass
	3.80	56	0.029787		
	3.40	97	0.051596		
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	4.25	66	0.035106	±2.5	Pass
	3.80	35	0.018617		
	3.40	84	0.044681		
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	4.25	77	0.040957	±2.5	Pass
	3.80	48	0.025532		
	3.40	92	0.048936		
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	4.25	86	0.045745	±2.5	Pass
	3.80	55	0.029255		
	3.40	48	0.025532		

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	4.25	91	0.048404	±2.5	Pass
	3.80	56	0.029787		
	3.40	84	0.044681		
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	4.25	78	0.041489	±2.5	Pass
	3.80	69	0.036702		
	3.40	58	0.030851		
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	4.25	84	0.039362	±2.5	Pass
	3.80	56	0.024468		
	3.40	71	0.030851		
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	4.25	99	0.044681	±2.5	Pass
	3.80	53	0.029787		
	3.40	49	0.037766		
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	4.25	69	0.036702	±2.5	Pass
	3.80	58	0.030851		
	3.40	74	0.039362		
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	4.25	94	0.050000	±2.5	Pass
	3.80	53	0.028191		
	3.40	62	0.032979		

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	4.25	96	0.055411	±2.5	Pass
	3.80	48	0.027706		
	3.40	75	0.043290		
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	4.25	82	0.047330	±2.5	Pass
	3.80	61	0.035209		
	3.40	38	0.021934		
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	4.25	98	0.056566	±2.5	Pass
	3.80	45	0.025974		
	3.40	28	0.016162		
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	4.25	84	0.048485	±2.5	Pass
	3.80	65	0.037518		
	3.40	71	0.040981		
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	4.25	55	0.031746	±2.5	Pass
	3.80	32	0.018470		
	3.40	93	0.053680		
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	4.25	82	0.047330	±2.5	Pass
	3.80	43	0.024820		
	3.40	67	0.038672		

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	4.25	82	0.047330	±2.5	Pass
	3.80	56	0.032323		
	3.40	97	0.055988		
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	4.25	45	0.025974	±2.5	Pass
	3.80	67	0.038672		
	3.40	79	0.045599		
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	4.25	88	0.050794	±2.5	Pass
	3.80	59	0.034055		
	3.40	76	0.043867		
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	4.25	48	0.027706	±2.5	Pass
	3.80	57	0.032900		
	3.40	92	0.053102		
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	4.25	77	0.044444	±2.5	Pass
	3.80	62	0.035786		
	3.40	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	4.25	88	0.050794	±2.5	Pass
	3.80	47	0.027128		
	3.40	65	0.037518		