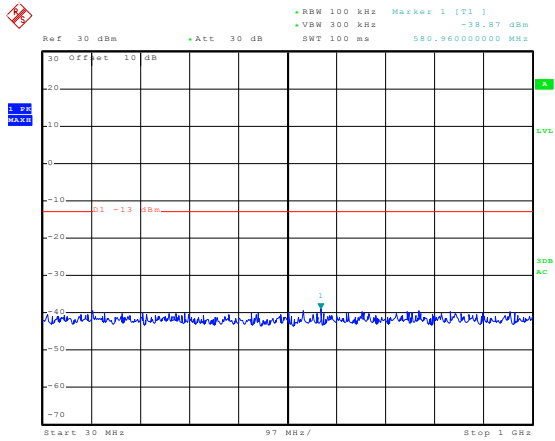


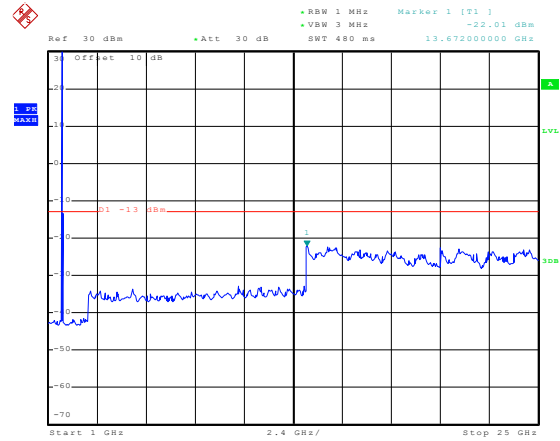
15MHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:05:20

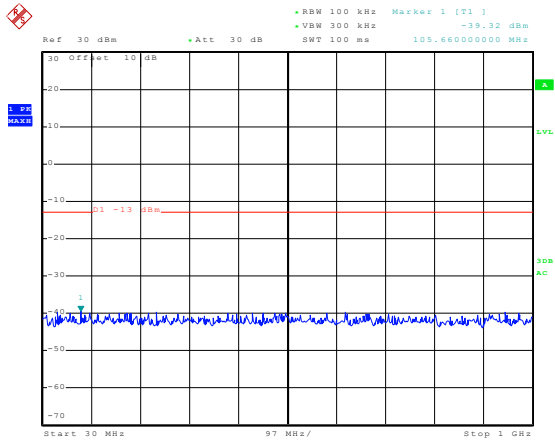
30MHz~1GHz



Date: 12.MAY.2016 22:34:42

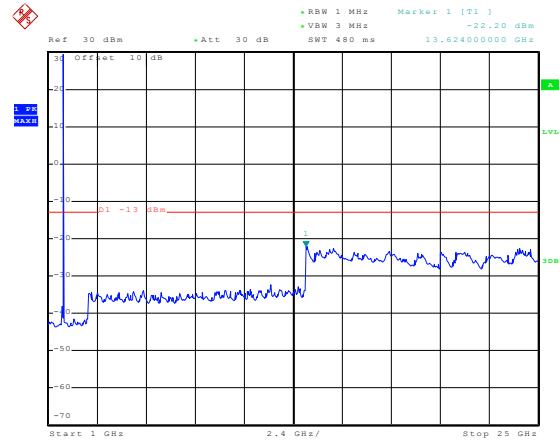
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:06:08

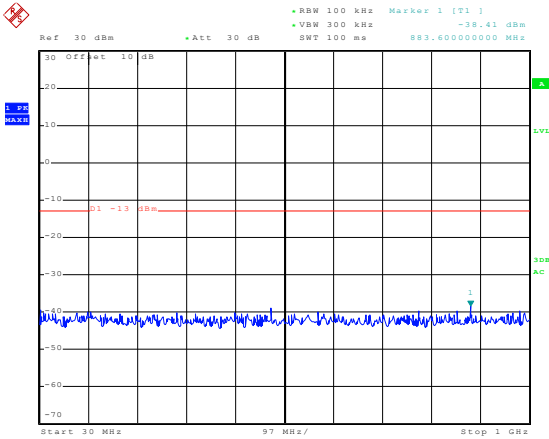
30MHz~1GHz



Date: 12.MAY.2016 22:36:16

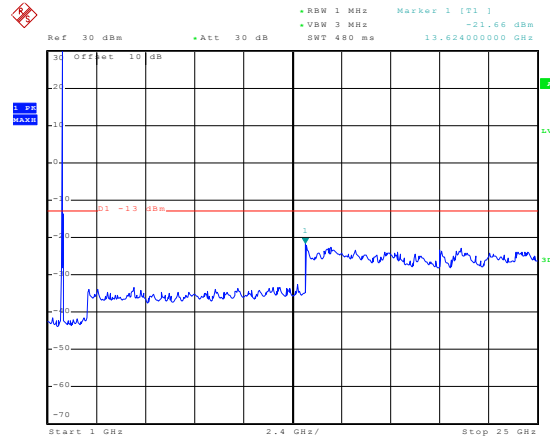
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:06:44

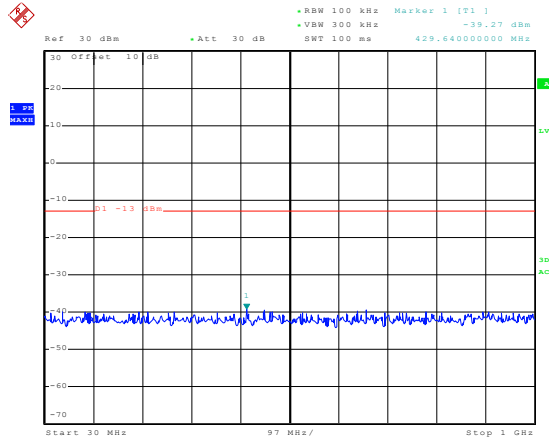
30MHz~1GHz



Date: 12.MAY.2016 22:38:18

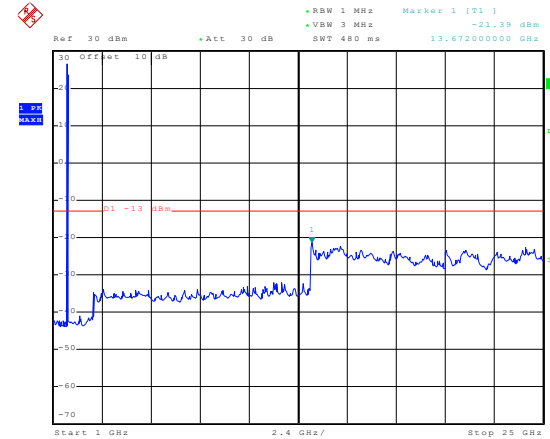
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 36& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:05:45

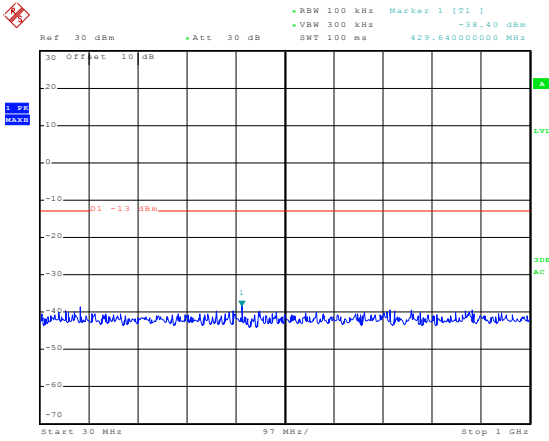
30MHz~1GHz



Date: 12.MAY.2016 22:35:14

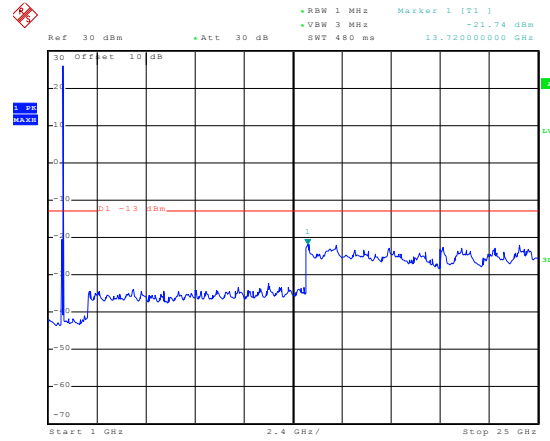
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 36& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:06:19

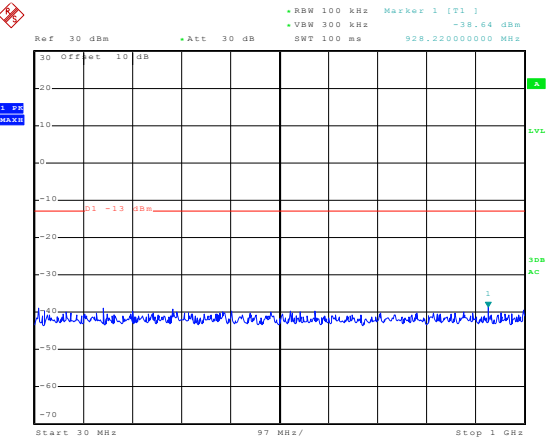
30MHz~1GHz



Date: 12.MAY.2016 22:36:42

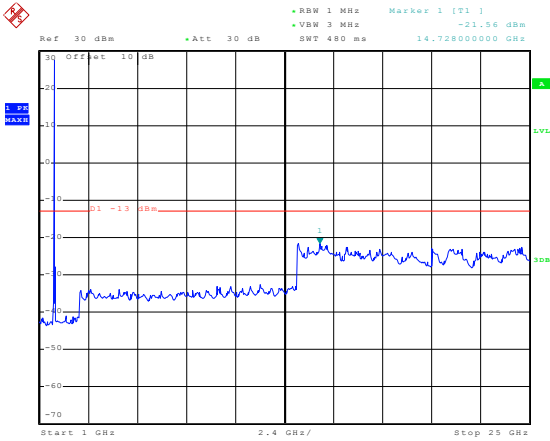
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 36& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:06:56

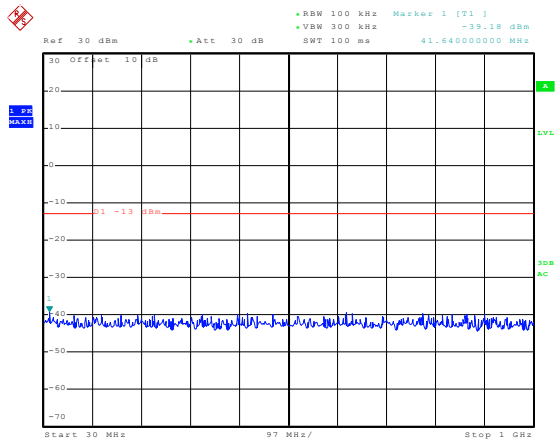
30MHz~1GHz



Date: 12.MAY.2016 22:39:32

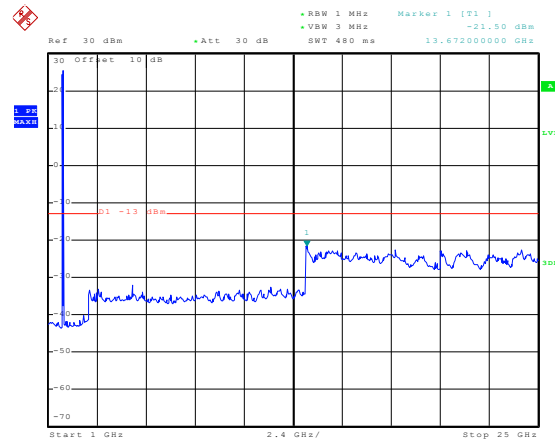
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 75& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:05:55

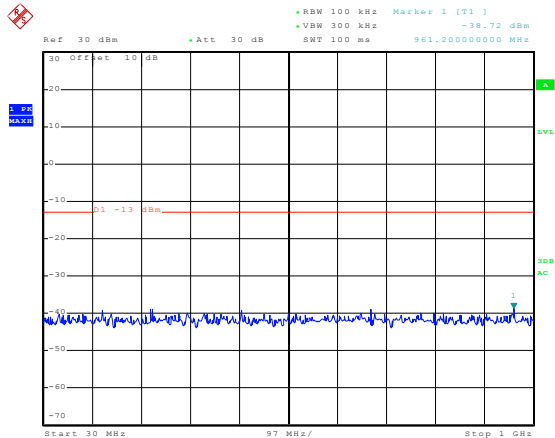
30MHz~1GHz



Date: 12.MAY.2016 22:35:39

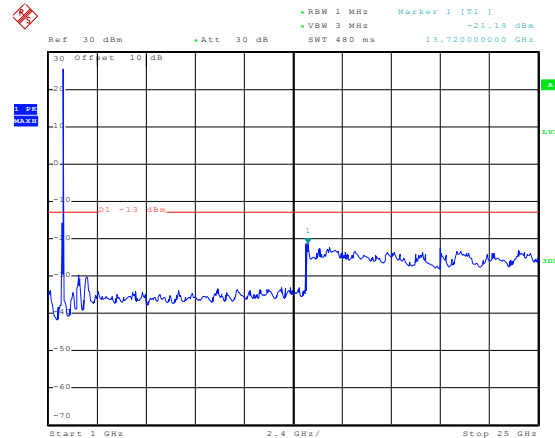
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 75& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:06:31

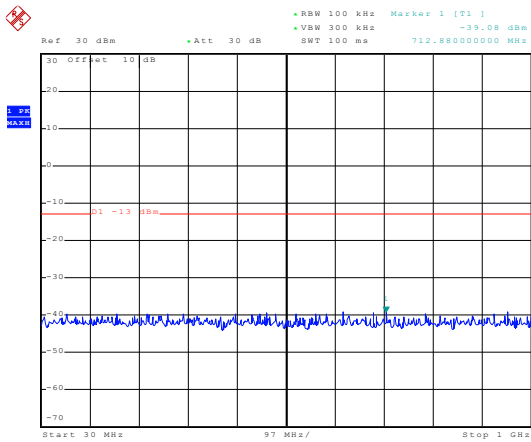
30MHz~1GHz



Date: 12.MAY.2016 22:37:46

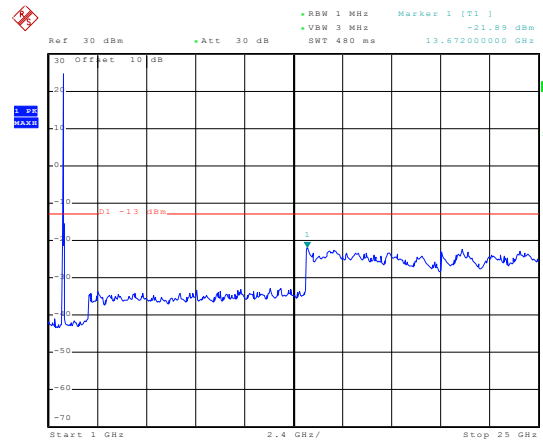
1GHz~25GHz

Test Mode:	LTE band 4(15MHz 16QAM) RB Size 75& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:07:13

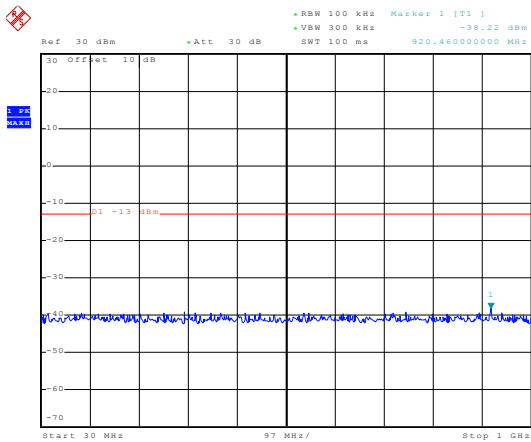
30MHz~1GHz



Date: 12.MAY.2016 22:40:11

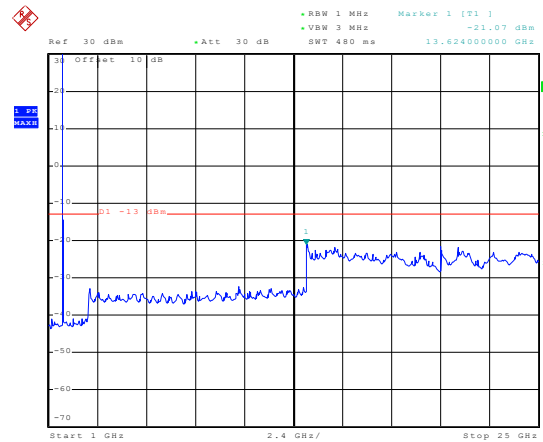
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:05:15

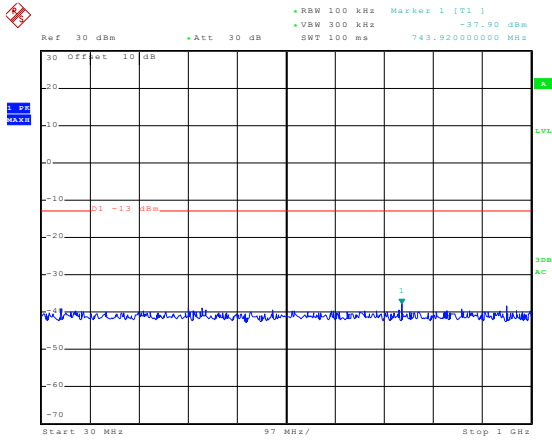
30MHz~1GHz



Date: 12.MAY.2016 22:34:27

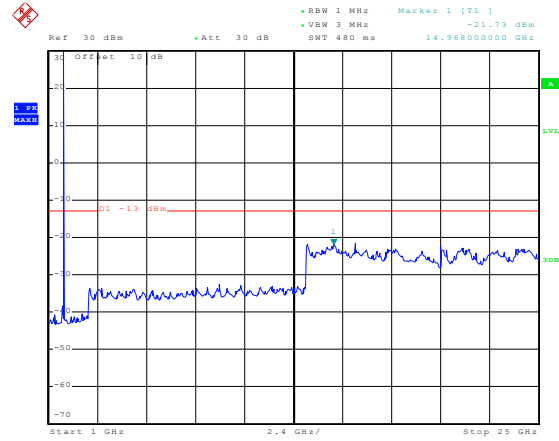
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:06:04

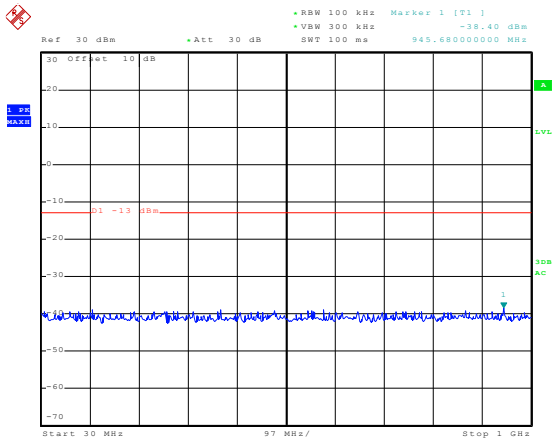
30MHz~1GHz



Date: 12.MAY.2016 22:36:04

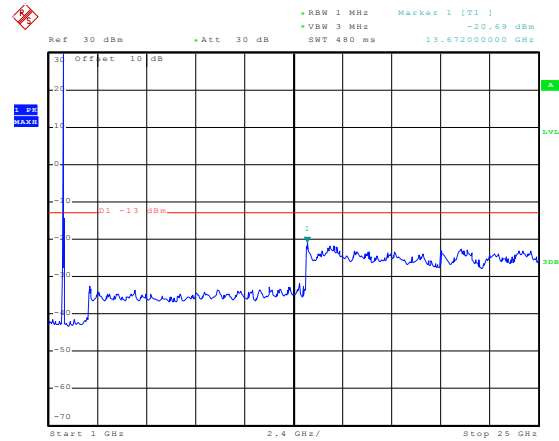
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:06:40

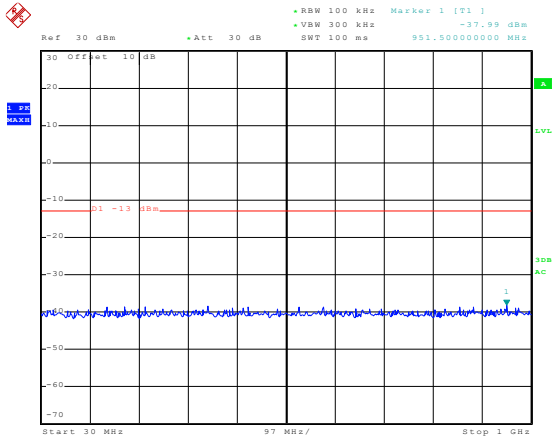
30MHz~1GHz



Date: 12.MAY.2016 22:38:09

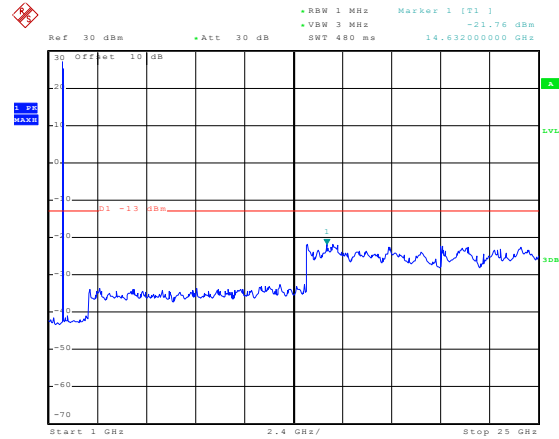
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 36& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:05:41

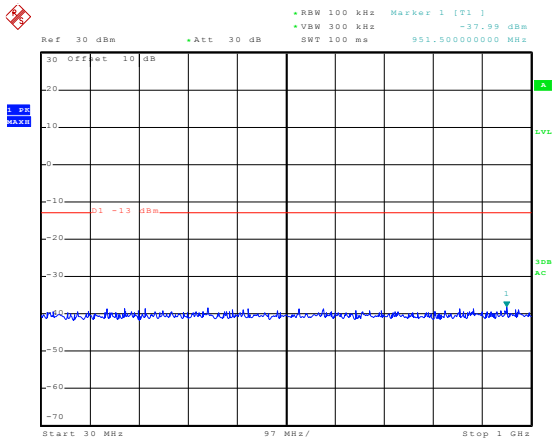
30MHz~1GHz



Date: 12.MAY.2016 22:35:00

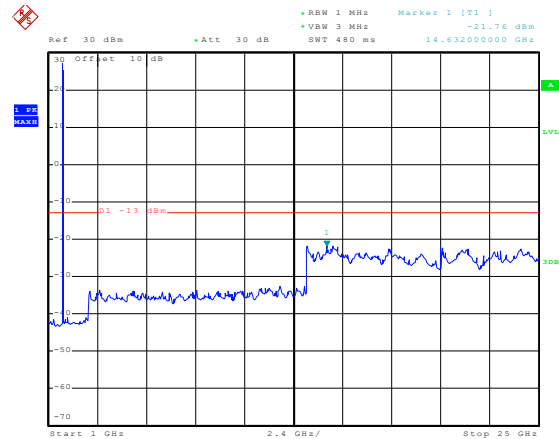
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 36& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:05:41

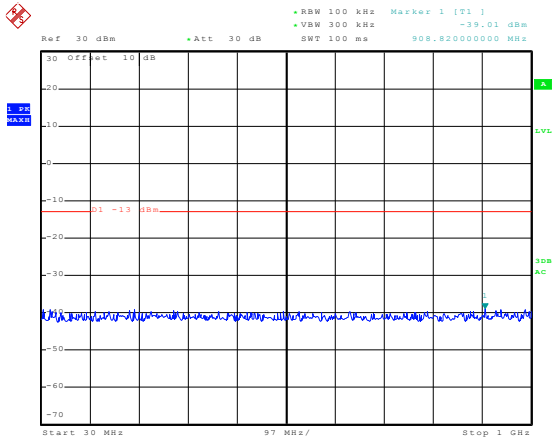
30MHz~1GHz



Date: 12.MAY.2016 22:35:00

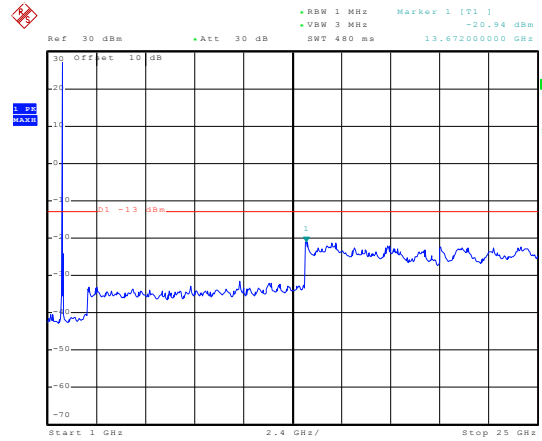
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 36& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:06:52

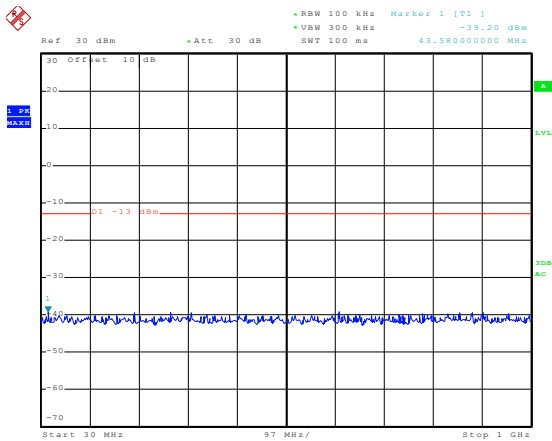
30MHz~1GHz



Date: 17.MAY.2016 22:39:14

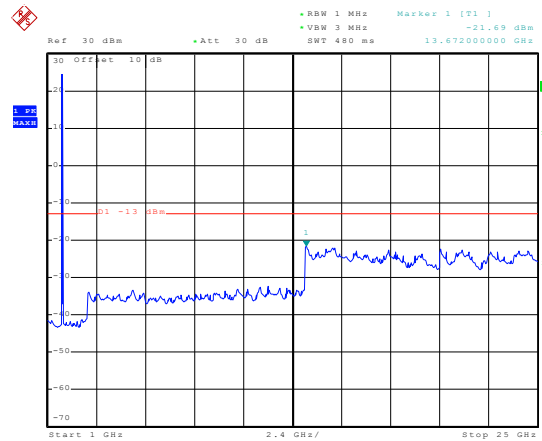
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 75& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:05:52

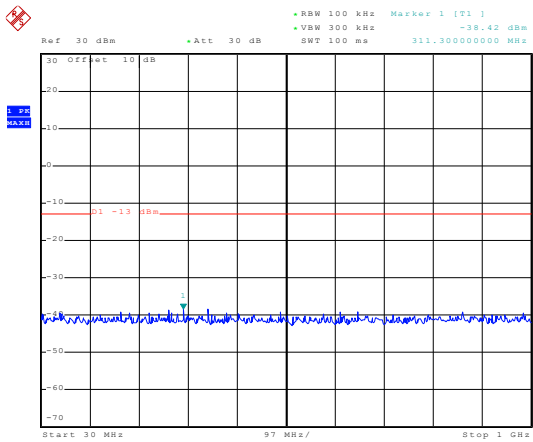
30MHz~1GHz



Date: 17.MAY.2016 22:35:29

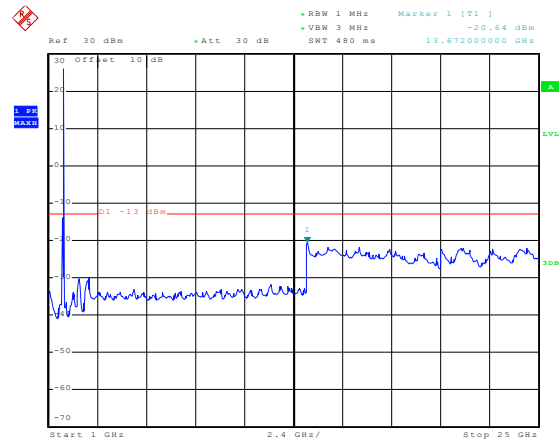
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 75& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:06:26

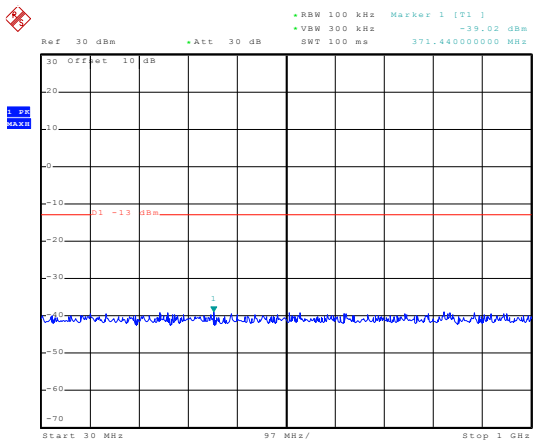
30MHz~1GHz



Date: 12.MAY.2016 22:37:37

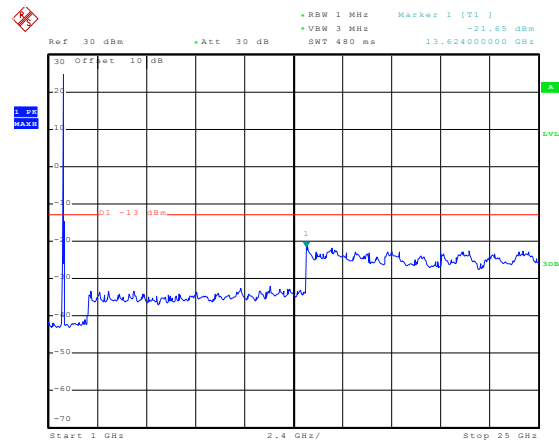
1GHz~25GHz

Test Mode:	LTE band 4(15MHz QPSK) RB Size 75& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:07:08

30MHz~1GHz

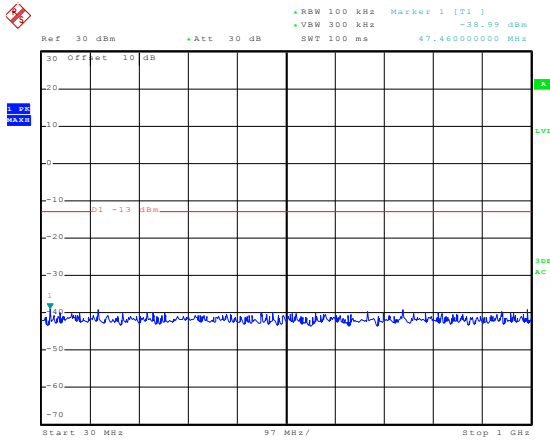


Date: 12.MAY.2016 22:39:52

1GHz~25GHz

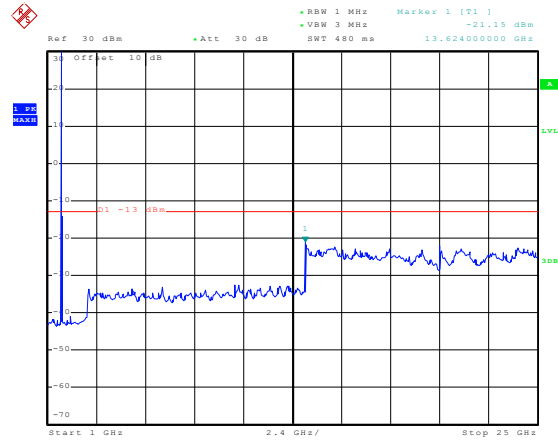
20MHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:07:29

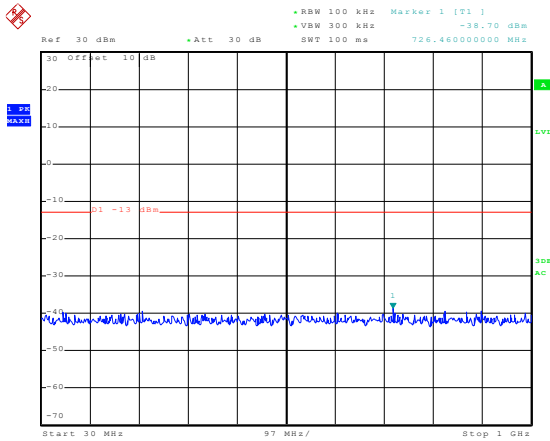
30MHz~1GHz



Date: 12.MAY.2016 22:42:12

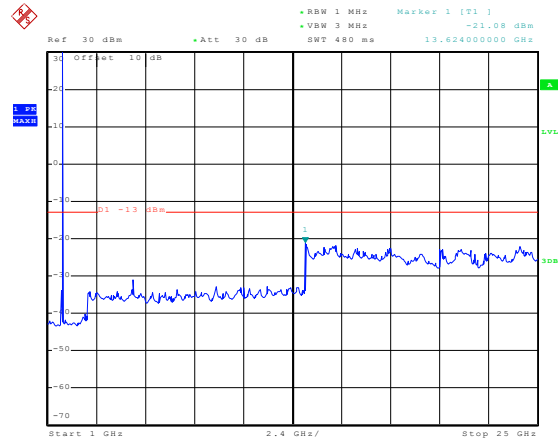
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:08:09

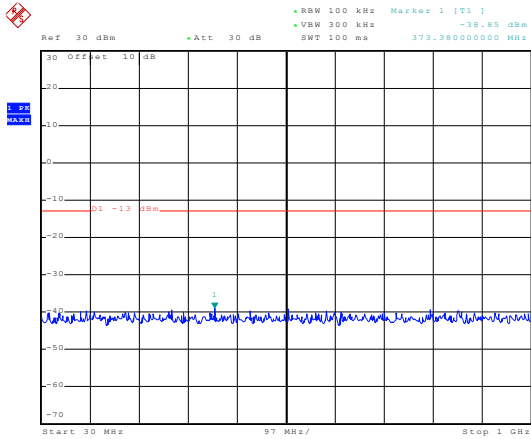
30MHz~1GHz



Date: 12.MAY.2016 22:43:55

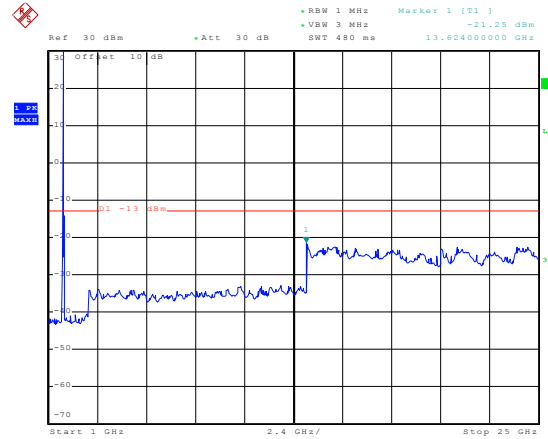
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:08:50

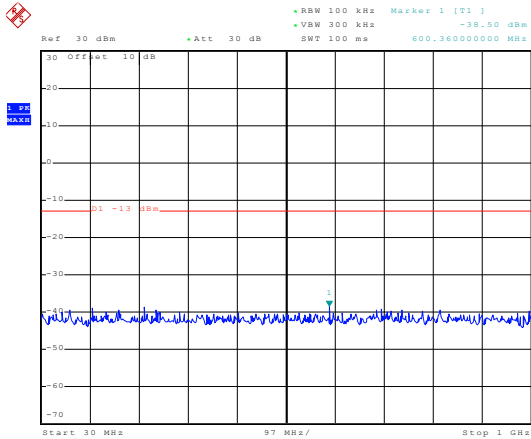
30MHz~1GHz



Date: 12.MAY.2016 22:45:43

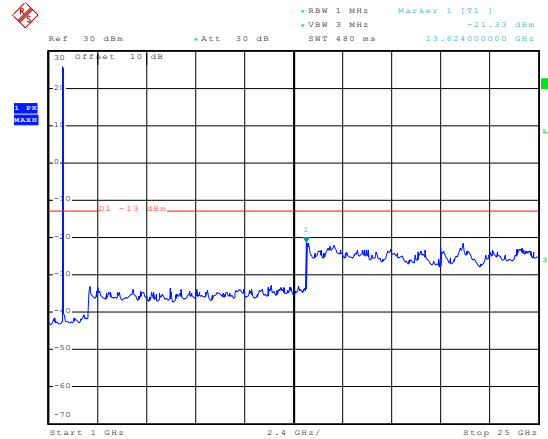
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:07:45

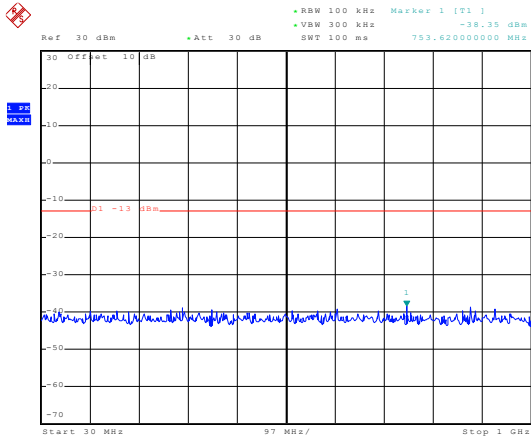
30MHz~1GHz



Date: 12.MAY.2016 22:42:49

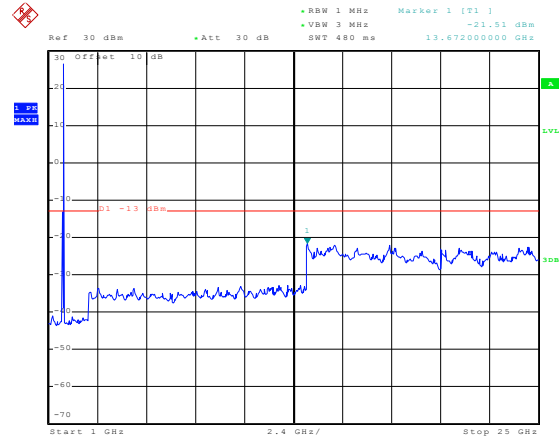
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:08:22

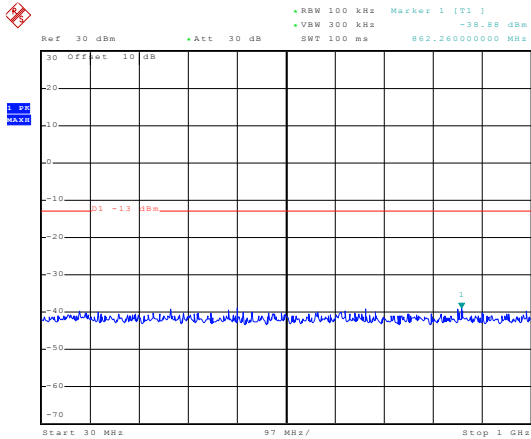
30MHz~1GHz



Date: 12.MAY.2016 22:44:31

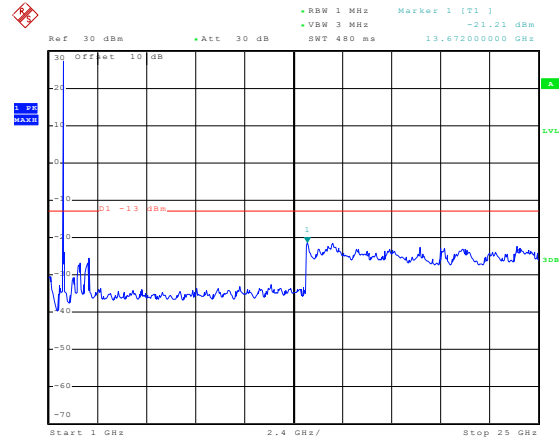
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:09:05

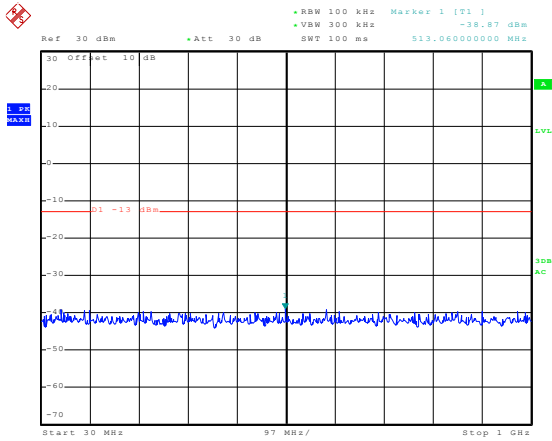
30MHz~1GHz



Date: 12.MAY.2016 22:46:10

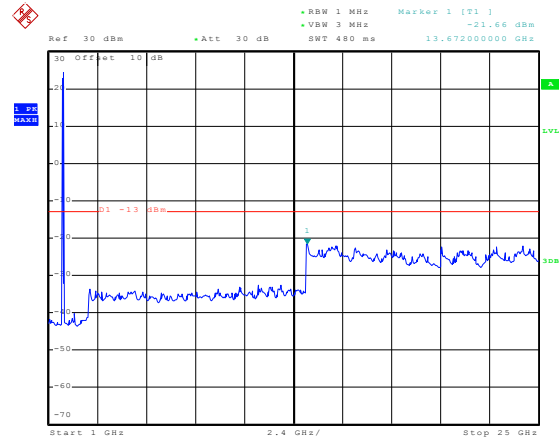
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:07:56

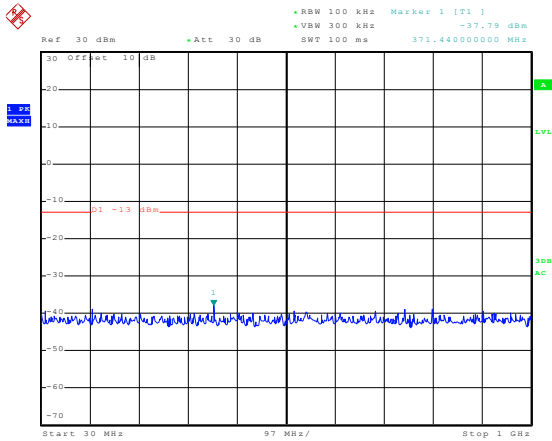
30MHz~1GHz



Date: 12.MAY.2016 22:43:17

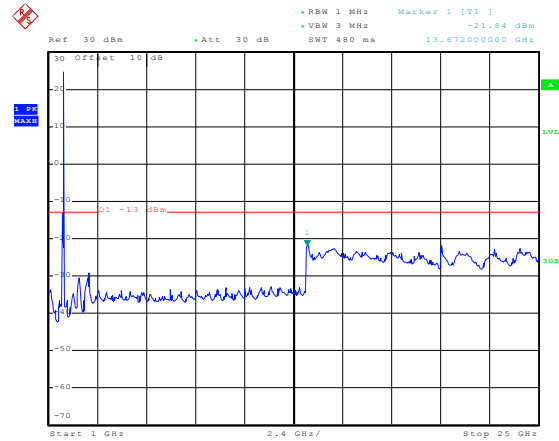
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:08:34

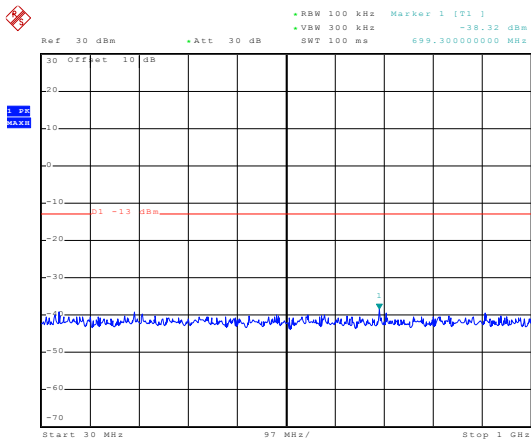
30MHz~1GHz



Date: 12.MAY.2016 22:45:03

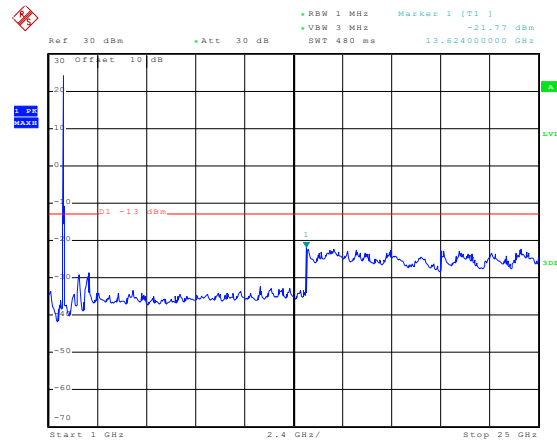
1GHz~25GHz

Test Mode:	LTE band 4(20MHz 16QAM) RB Size 100& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:09:18

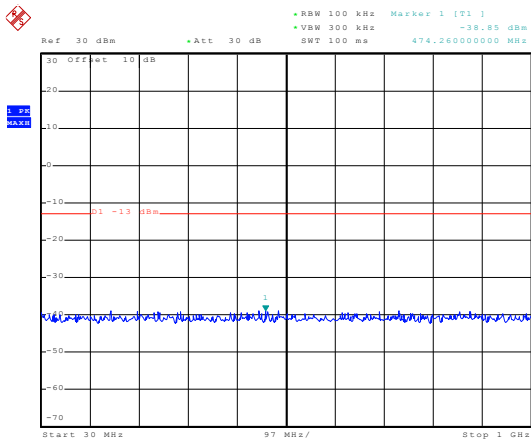
30MHz~1GHz



Date: 17.MAY.2016 22:46:37

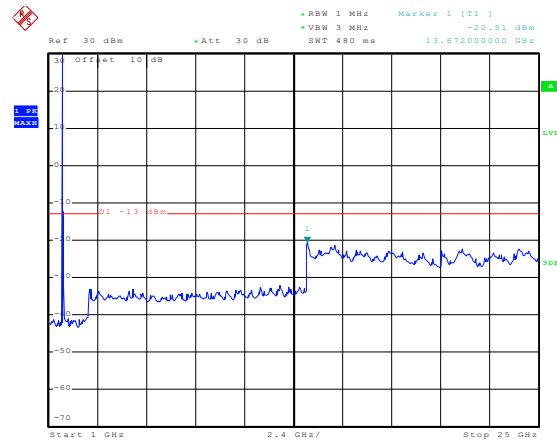
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:07:24

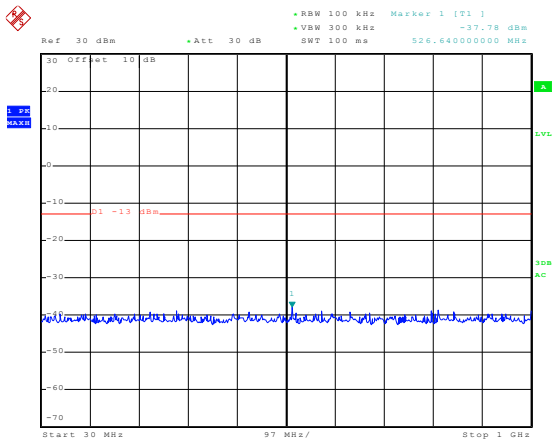
30MHz~1GHz



Date: 17.MAY.2016 22:41:57

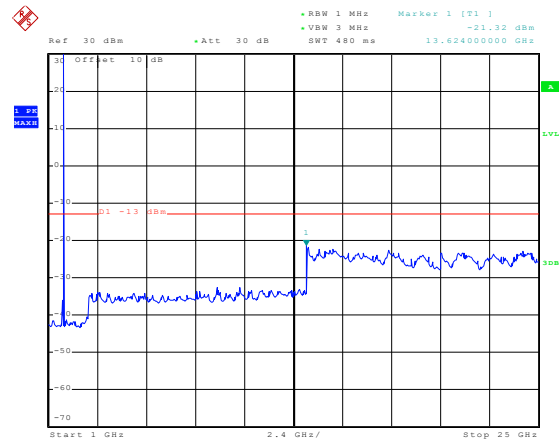
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:08:05

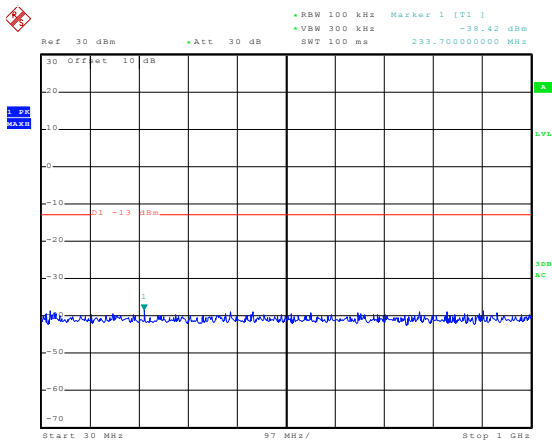
30MHz~1GHz



Date: 12.MAY.2016 22:43:40

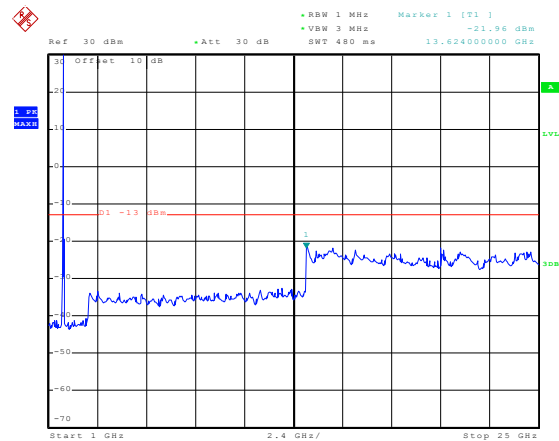
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 1& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:08:44

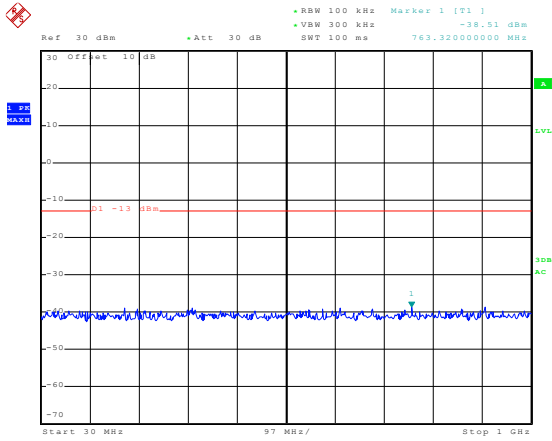
30MHz~1GHz



Date: 12.MAY.2016 22:45:27

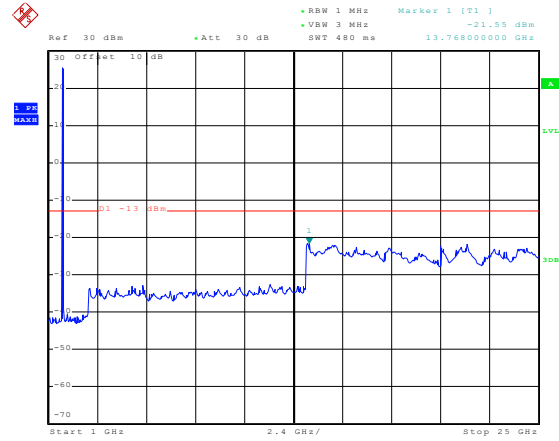
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:07:40

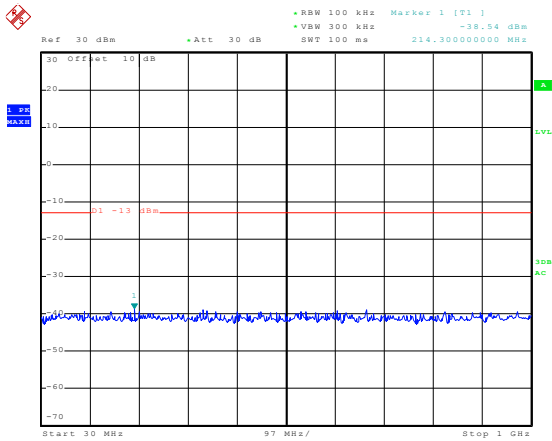
30MHz~1GHz



Date: 12.MAY.2016 22:42:35

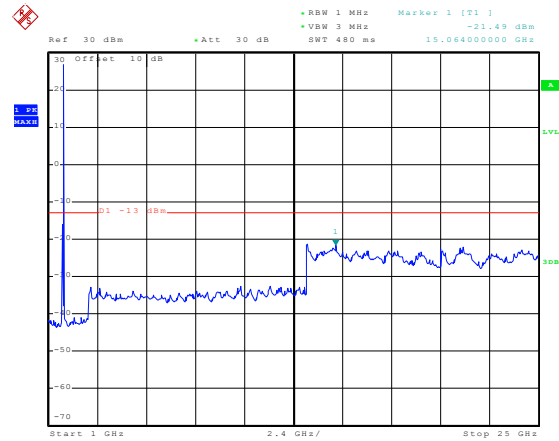
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:08:17

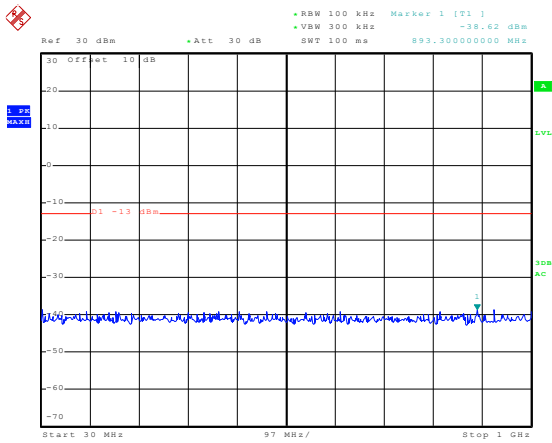
30MHz~1GHz



Date: 12.MAY.2016 22:44:15

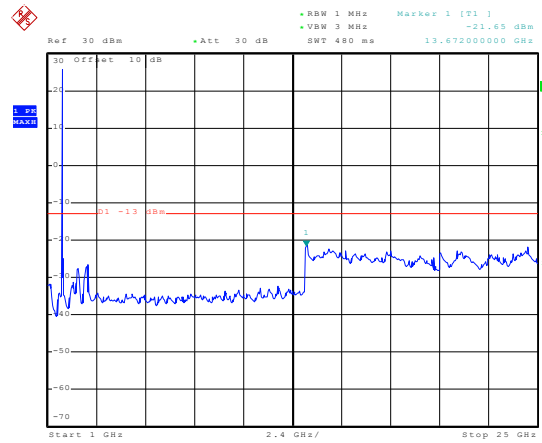
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:09:00

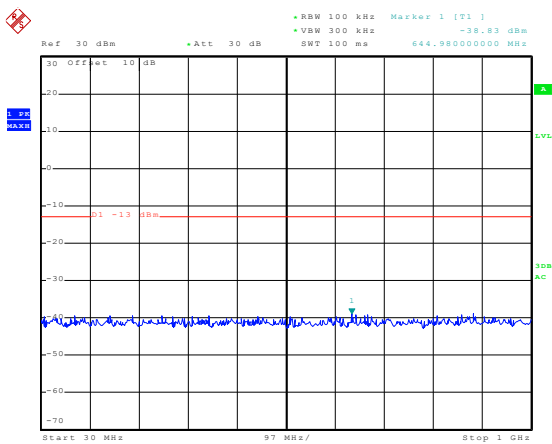
30MHz~1GHz



Date: 17.MAY.2016 22:45:56

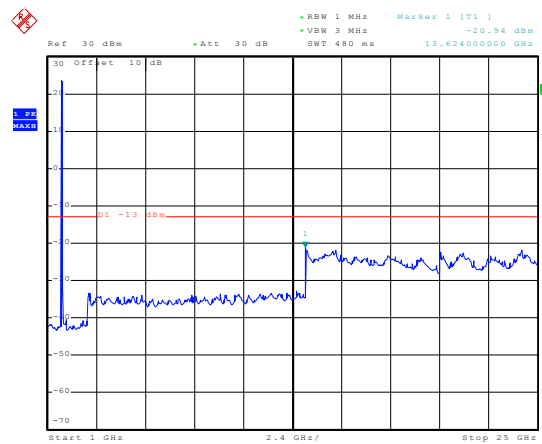
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100& RB Offset 0	Test Channel:	Lowest channel
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Date: 18.MAY.2016 21:07:52

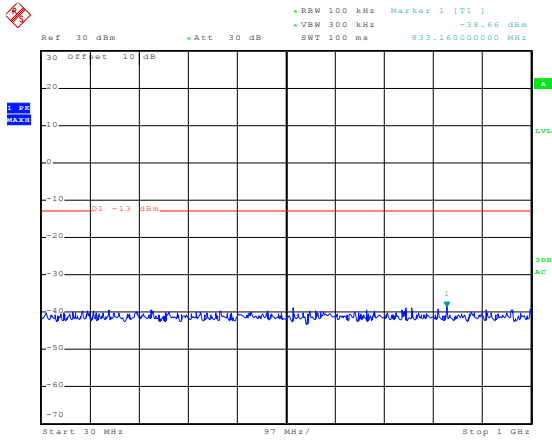
30MHz~1GHz



Date: 17.MAY.2016 22:43:05

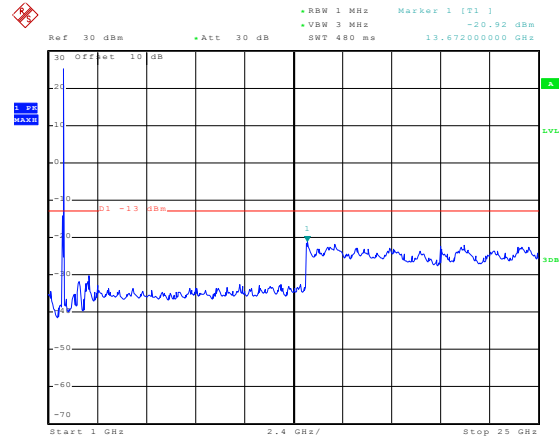
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100& RB Offset 0	Test Channel:	Middle channel
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Date: 18.MAY.2016 21:08:29

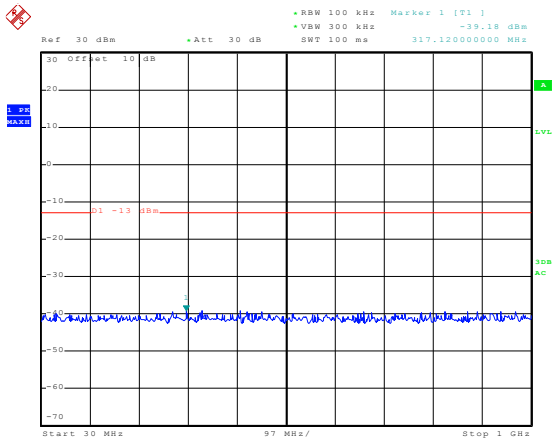
30MHz~1GHz



Date: 17.MAY.2016 22:44:52

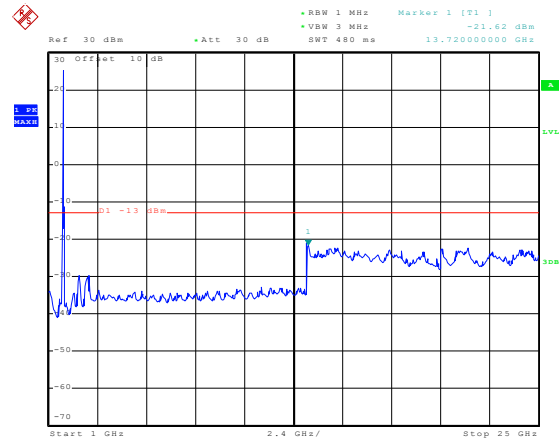
1GHz~25GHz

Test Mode:	LTE band 4(20MHz QPSK) RB Size 100 & RB Offset 0	Test Channel:	Highest channel
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Date: 18.MAY.2016 21:09:13

30MHz~1GHz

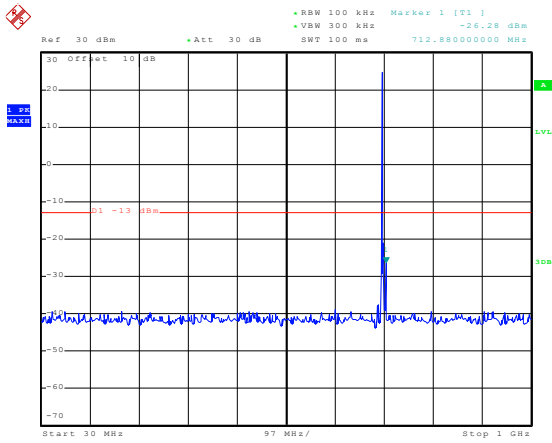


Date: 17.MAY.2016 22:46:24

1GHz~25GHz

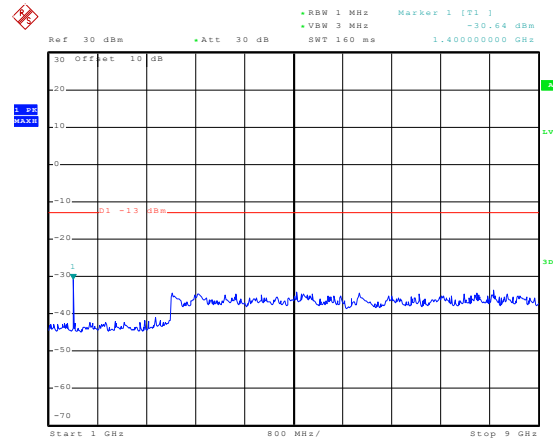
LTE band 17 part: 5MHz:

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:26:42

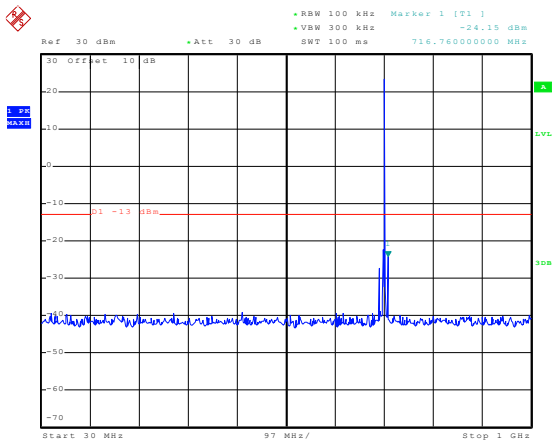
30MHz~1GHz



Date: 12.MAY.2016 23:39:12

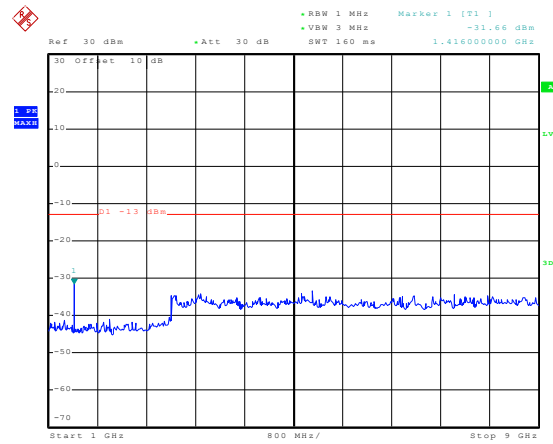
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:28:11

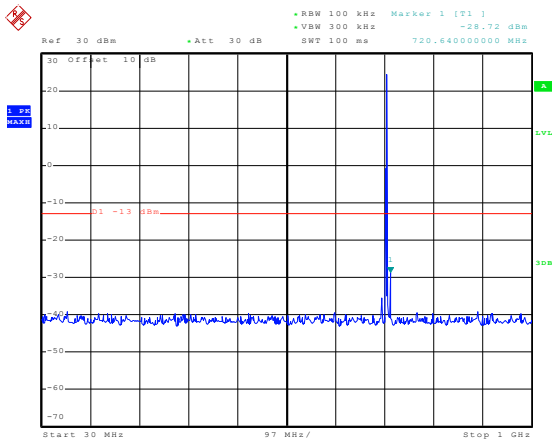
30MHz~1GHz



Date: 12.MAY.2016 23:39:58

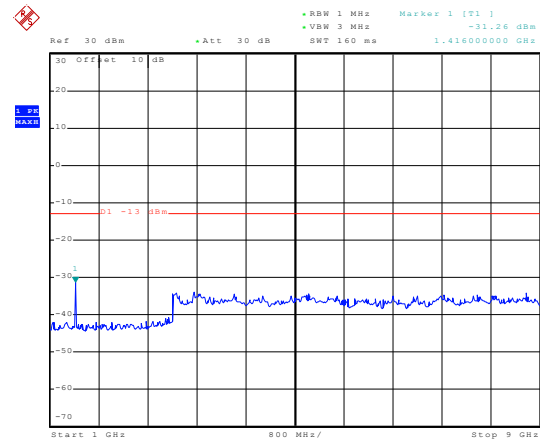
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:29:44

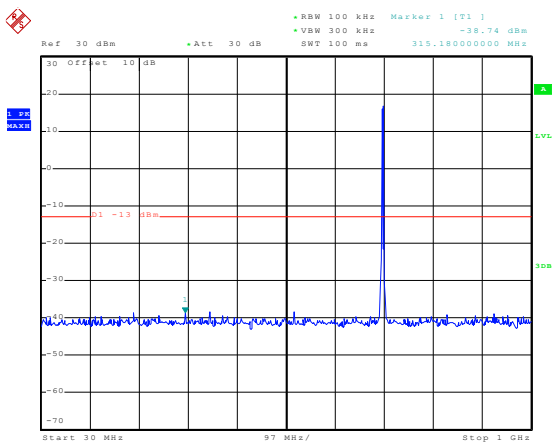
30MHz~1GHz



Date: 12.MAY.2016 23:40:52

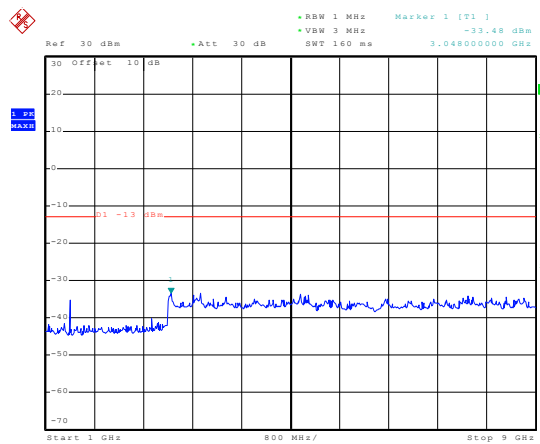
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:27:24

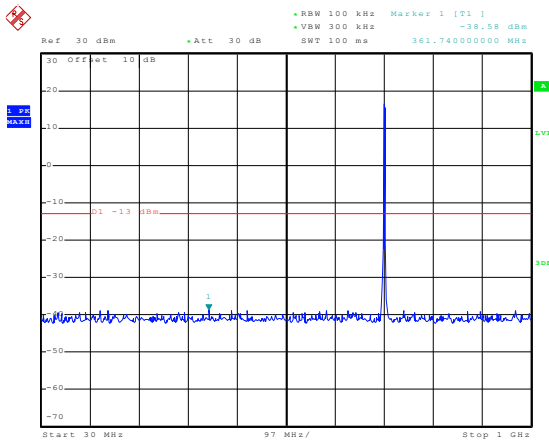
30MHz~1GHz



Date: 12.MAY.2016 23:39:27

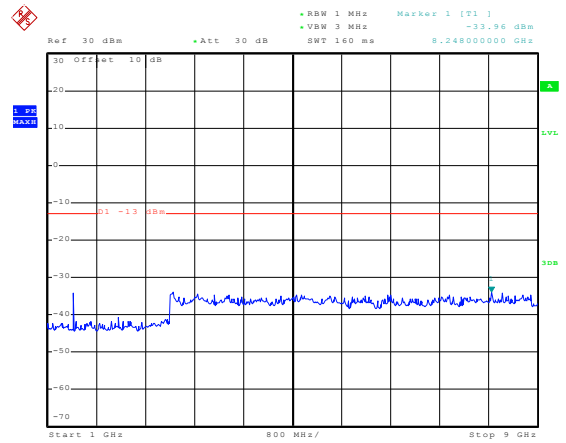
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:28:37

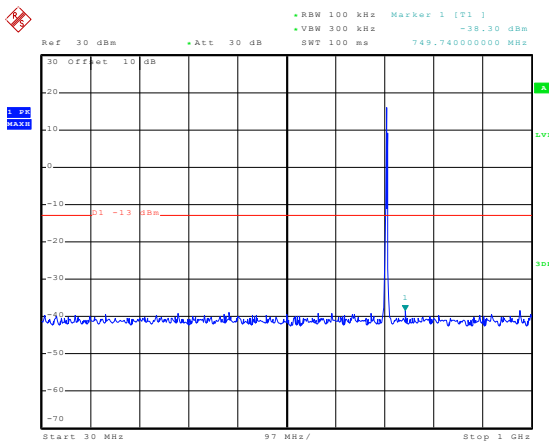
30MHz~1GHz



Date: 12.MAY.2016 23:40:14

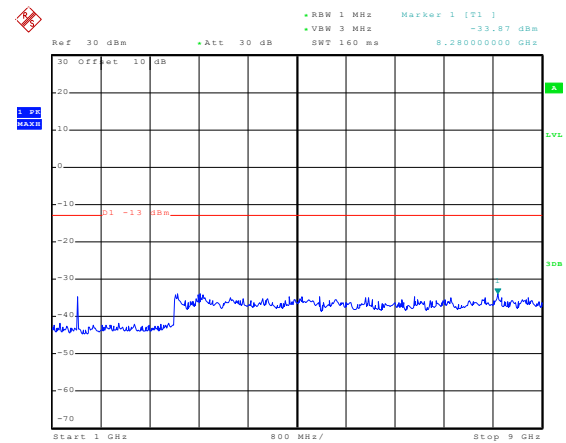
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:30:08

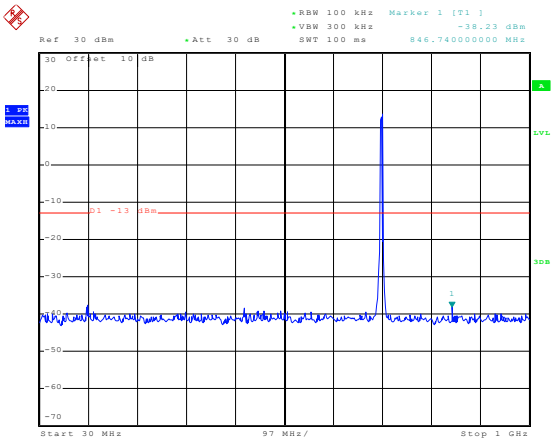
30MHz~1GHz



Date: 12.MAY.2016 23:41:08

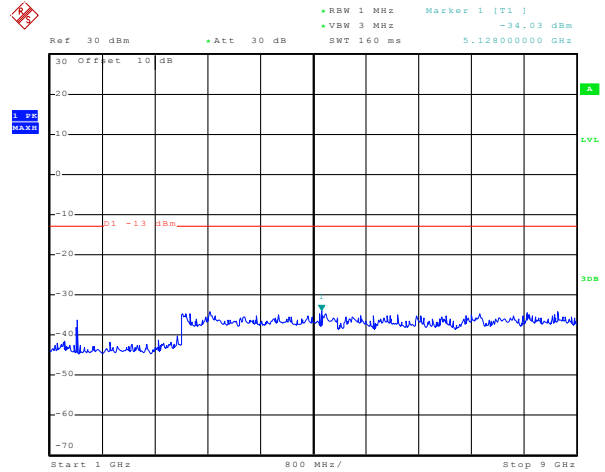
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25& RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:27:46

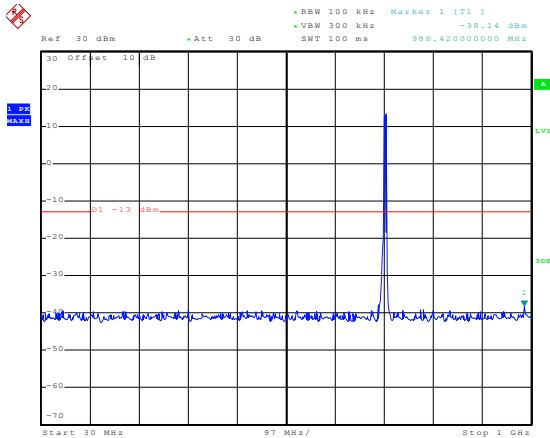
30MHz~1GHz



Date: 12.MAY.2016 23:39:39

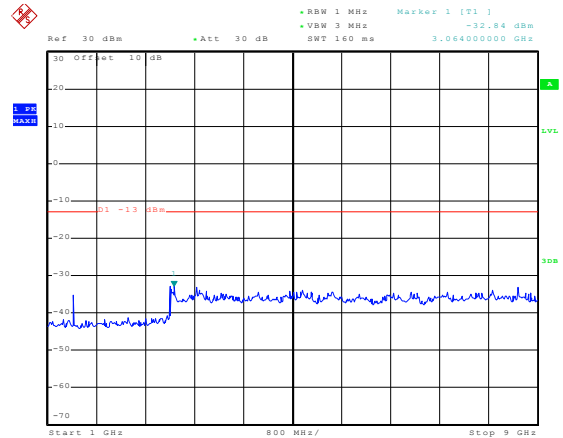
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25& RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:29:06

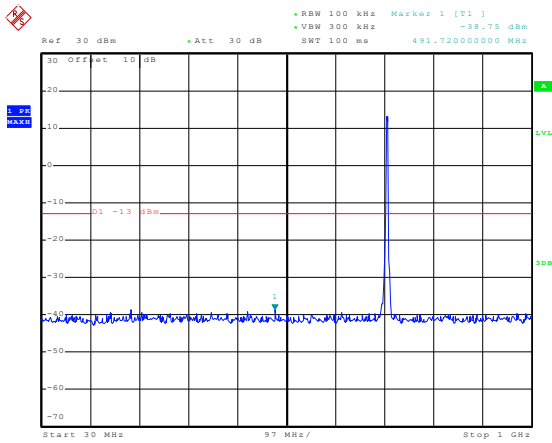
30MHz~1GHz



Date: 12.MAY.2016 23:40:30

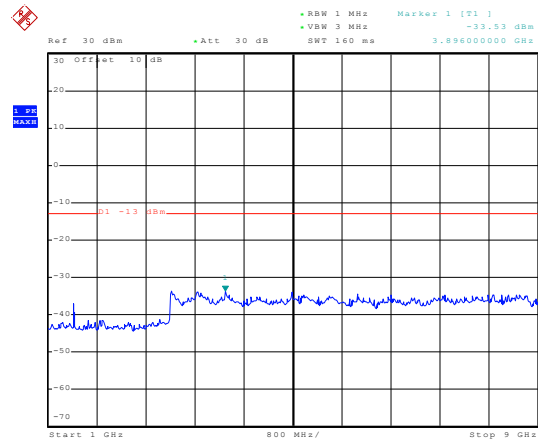
1GHz~9GHz

Test Mode:	LTE band 17(5MHz 16QAM) RB Size 25& RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:30:33

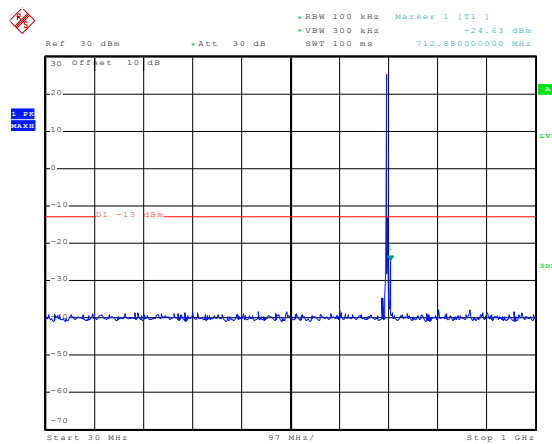
30MHz~1GHz



Date: 12.MAY.2016 23:41:23

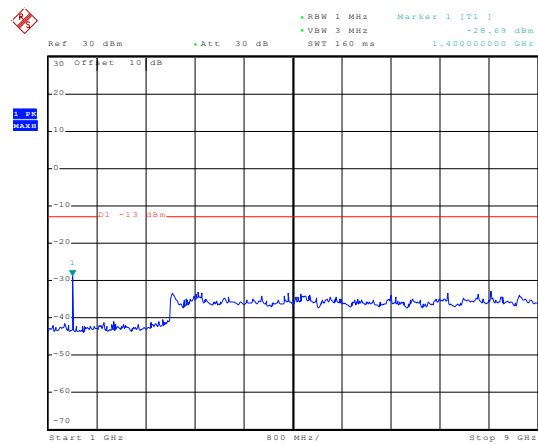
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:26:31

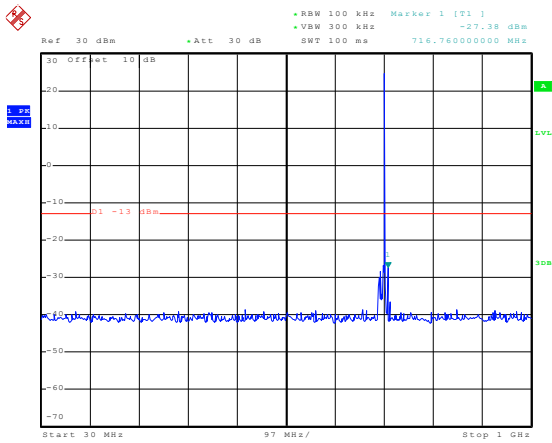
30MHz~1GHz



Date: 12.MAY.2016 23:39:05

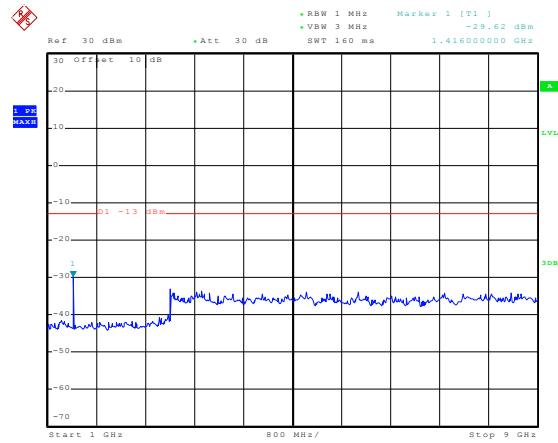
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:28:04

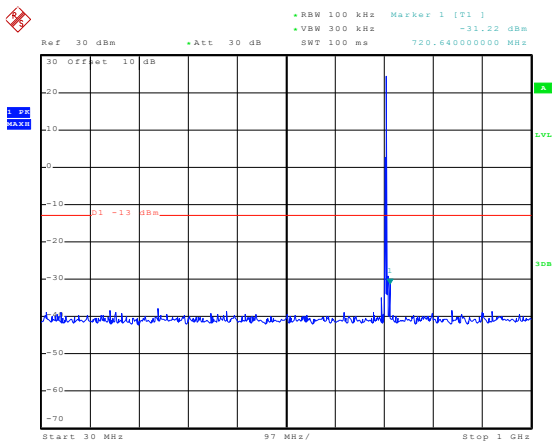
30MHz~1GHz



Date: 12.MAY.2016 23:39:52

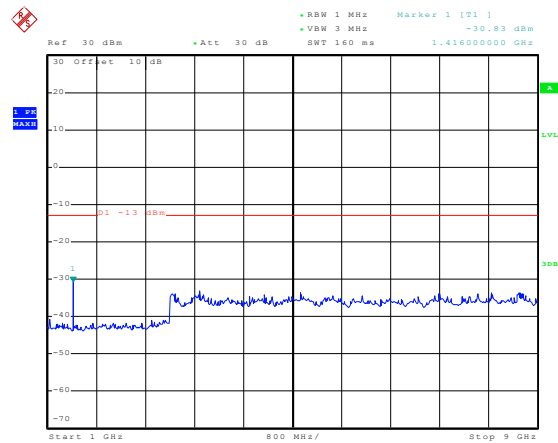
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:29:37

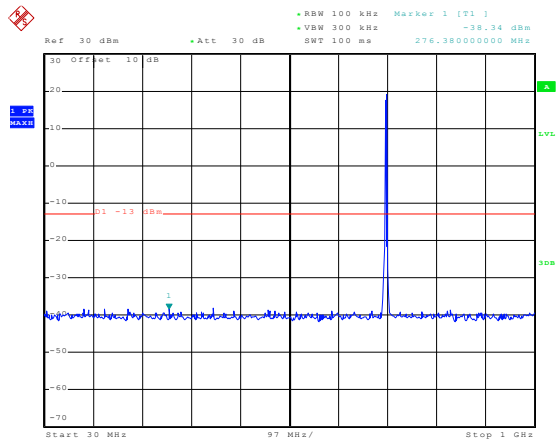
30MHz~1GHz



Date: 12.MAY.2016 23:40:44

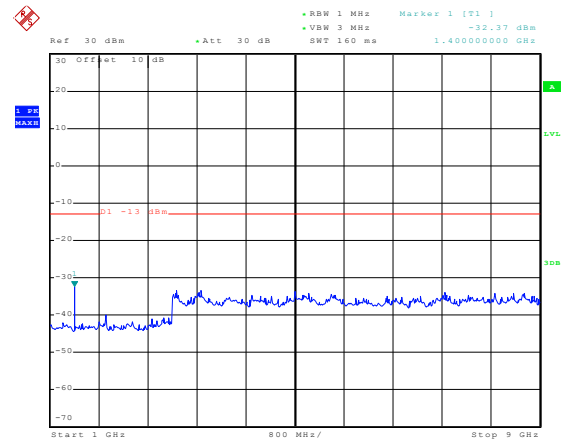
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:27:14

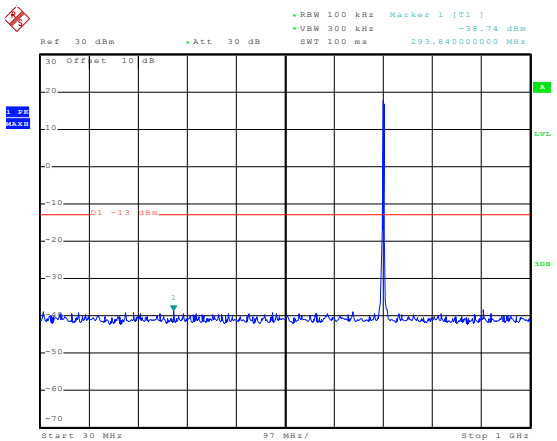
30MHz~1GHz



Date: 12.MAY.2016 23:29:21

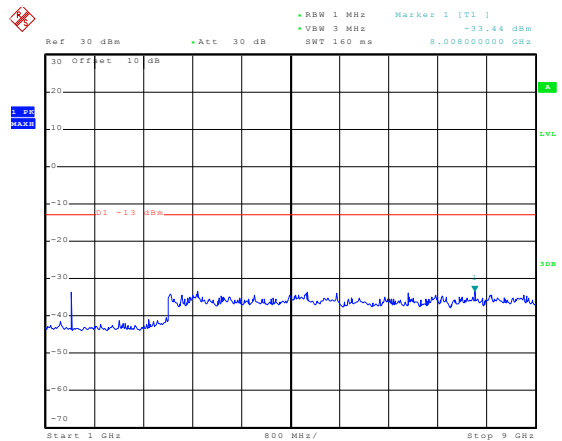
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:28:24

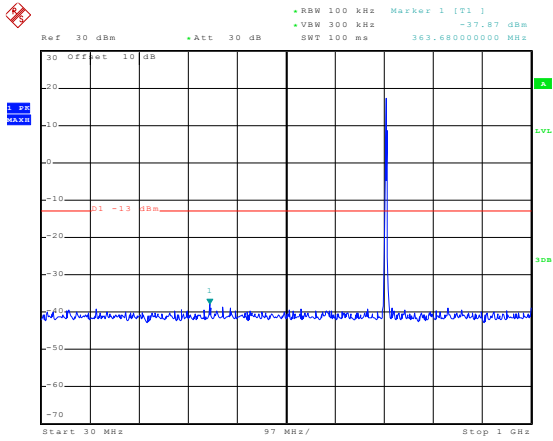
30MHz~1GHz



Date: 12.MAY.2016 23:40:07

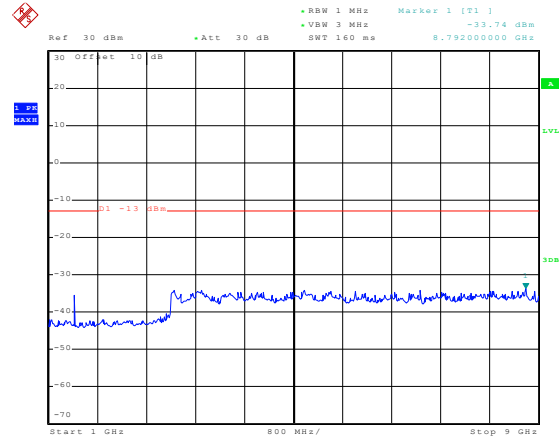
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 12 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:29:57

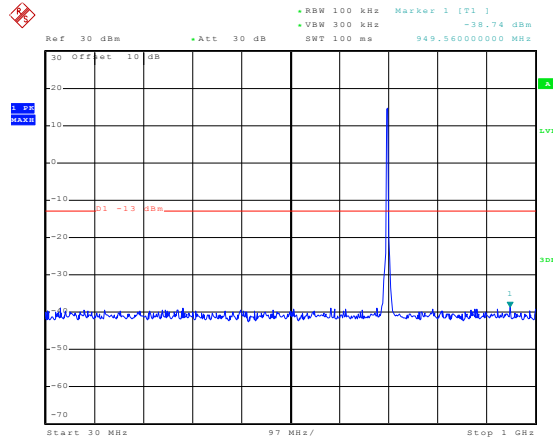
30MHz~1GHz



Date: 12.MAY.2016 23:41:01

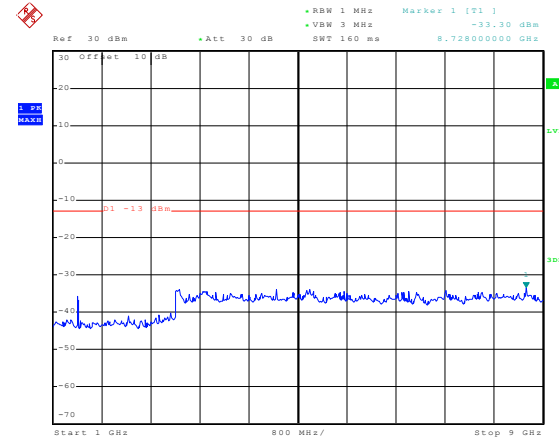
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25& RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:27:36

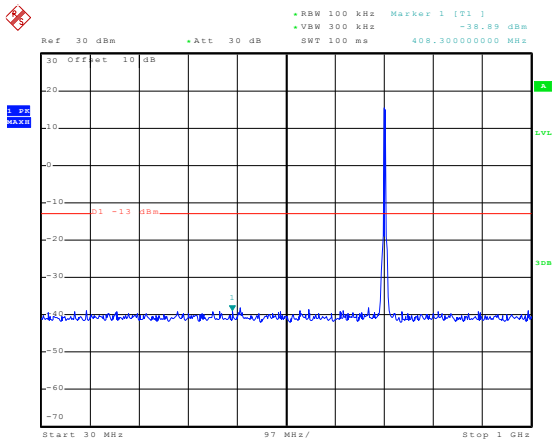
30MHz~1GHz



Date: 12.MAY.2016 23:39:34

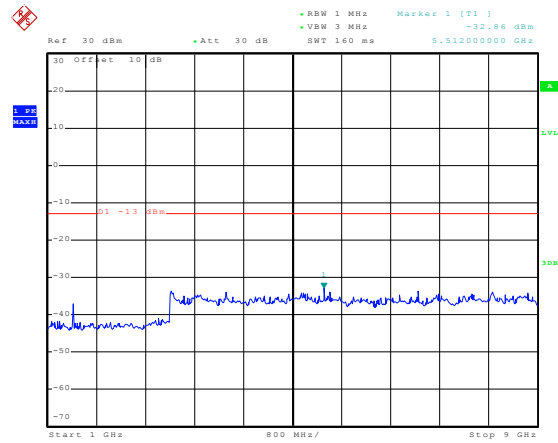
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25& RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:28:55

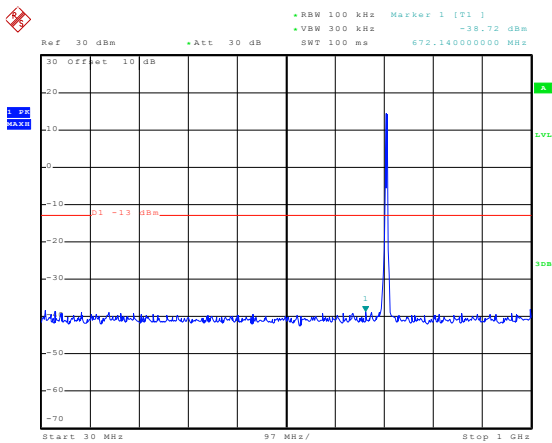
30MHz~1GHz



Date: 12.MAY.2016 23:40:21

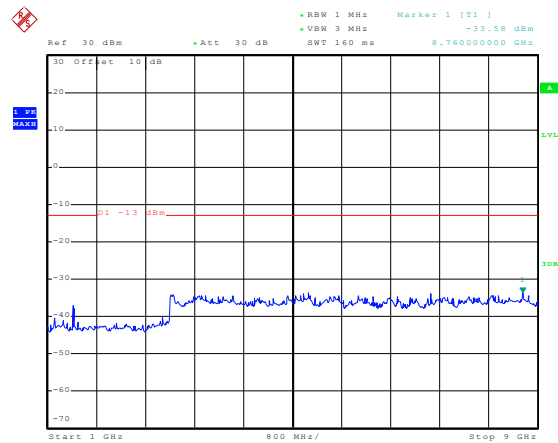
1GHz~9GHz

Test Mode:	LTE band 17(5MHz QPSK) RB Size 25& RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:30:23

30MHz~1GHz

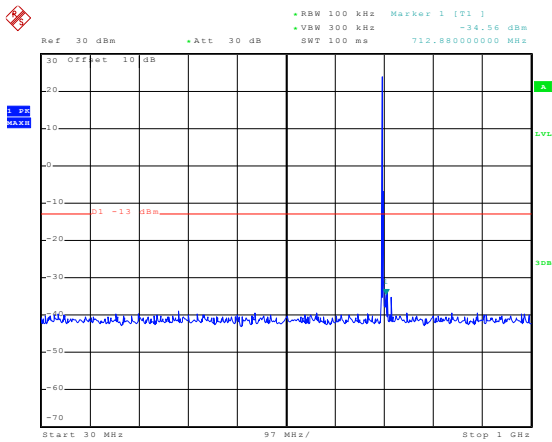


Date: 12.MAY.2016 23:41:16

1GHz~9GHz

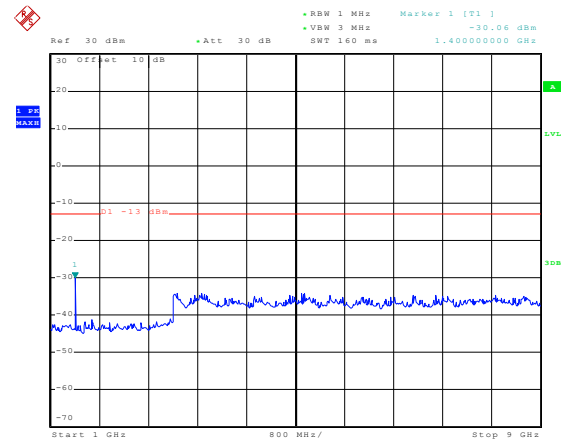
10MHz:

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:31:25

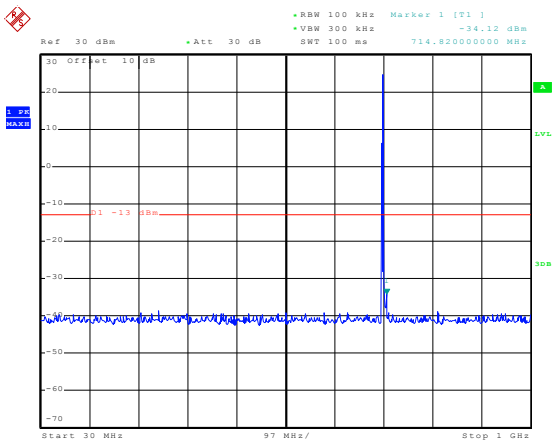
30MHz~1GHz



Date: 12.MAY.2016 23:36:15

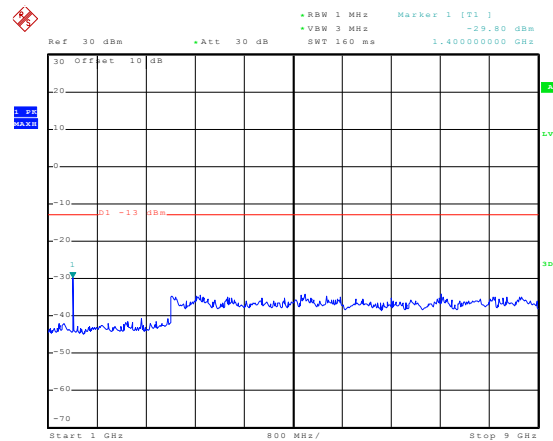
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:33:04

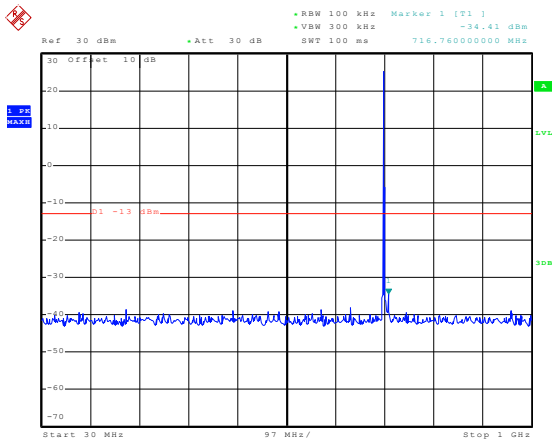
30MHz~1GHz



Date: 12.MAY.2016 23:37:08

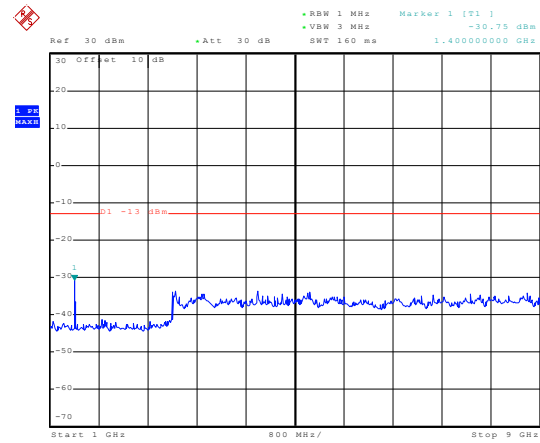
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:34:18

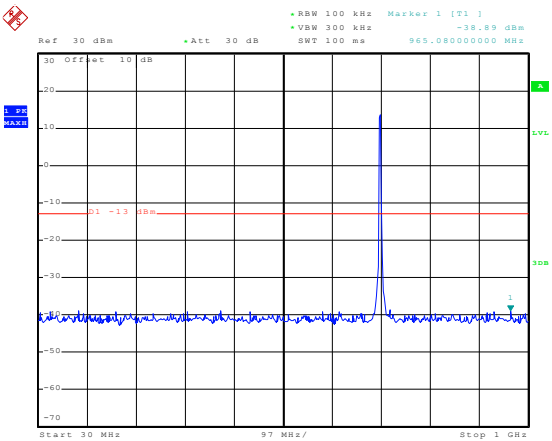
30MHz~1GHz



Date: 12.MAY.2016 23:38:02

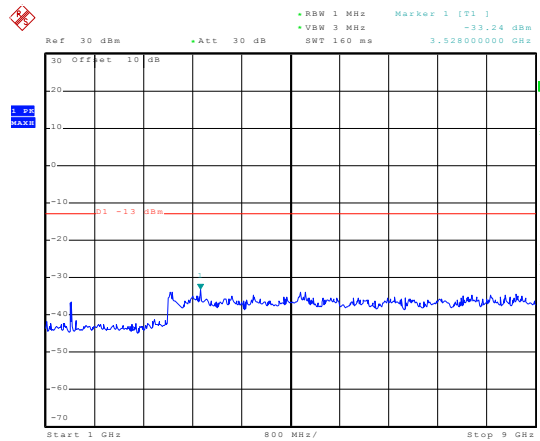
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:31:57

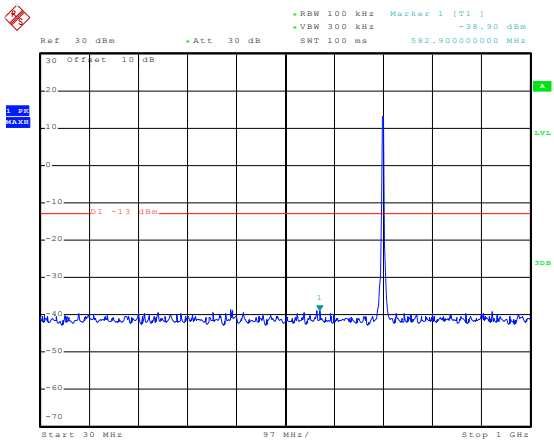
30MHz~1GHz



Date: 12.MAY.2016 23:36:30

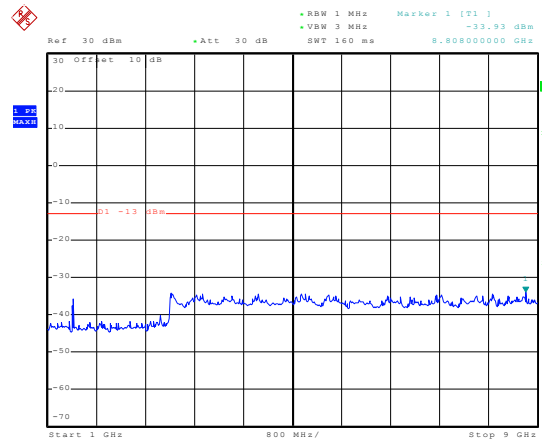
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:33:30

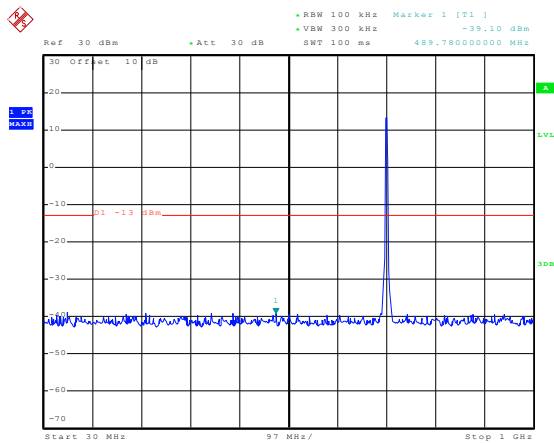
30MHz~1GHz



Date: 12.MAY.2016 23:37:24

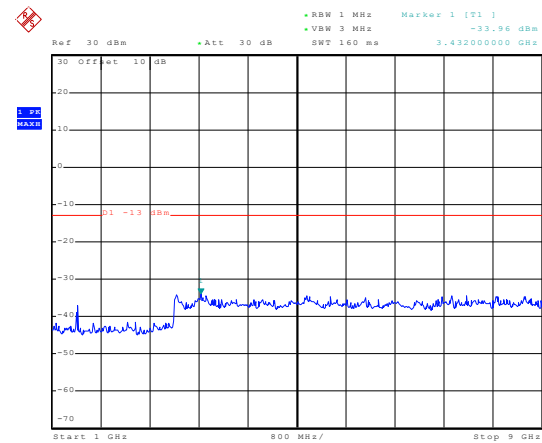
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:34:44

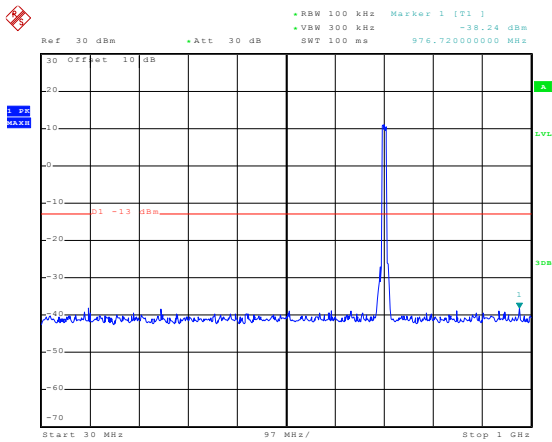
30MHz~1GHz



Date: 12.MAY.2016 23:38:19

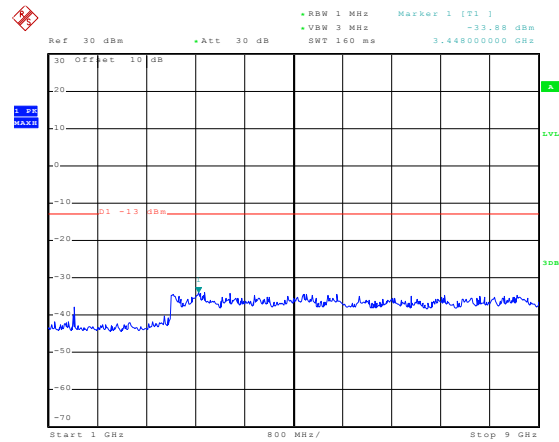
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:32:22

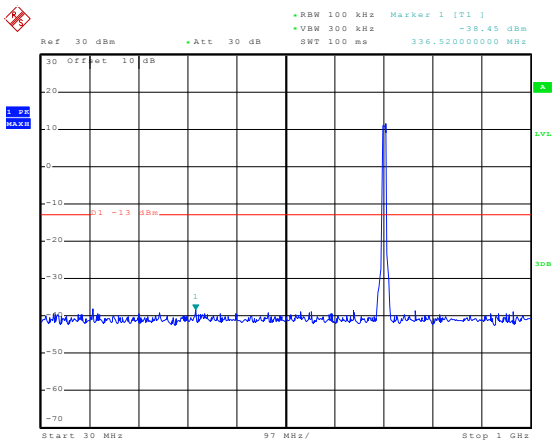
30MHz~1GHz



Date: 12.MAY.2016 23:36:47

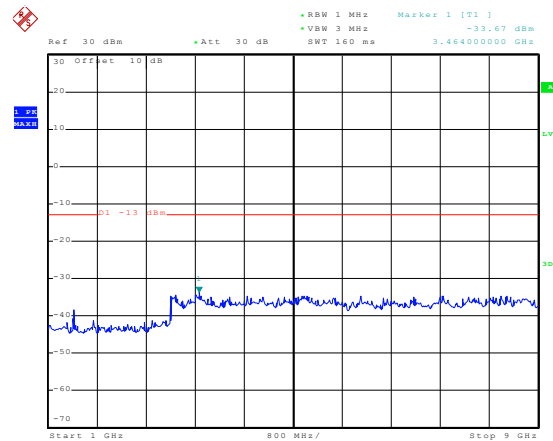
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:33:53

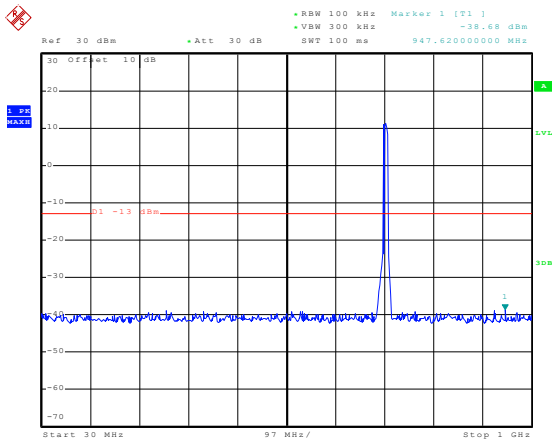
30MHz~1GHz



Date: 12.MAY.2016 23:37:40

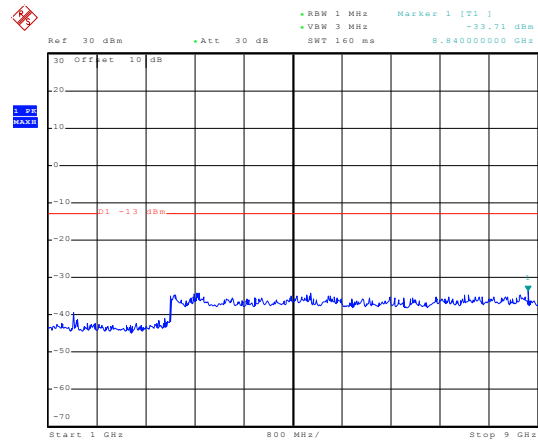
1GHz~9GHz

Test Mode:	LTE band 17(10MHz 16QAM) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:35:15

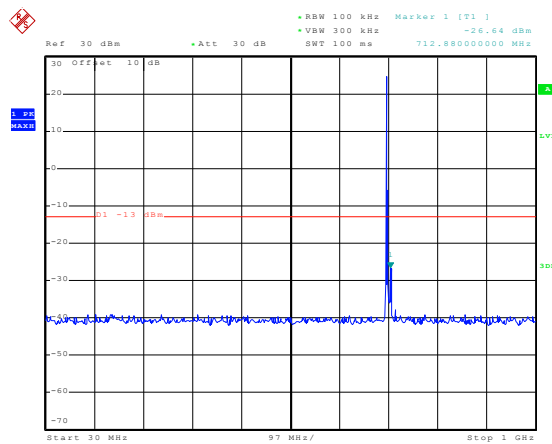
30MHz~1GHz



Date: 12.MAY.2016 23:38:33

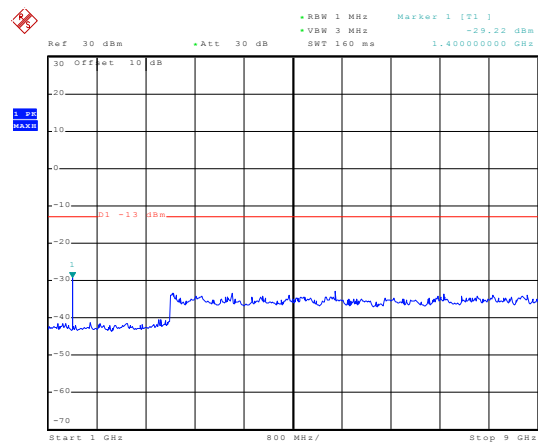
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:31:09

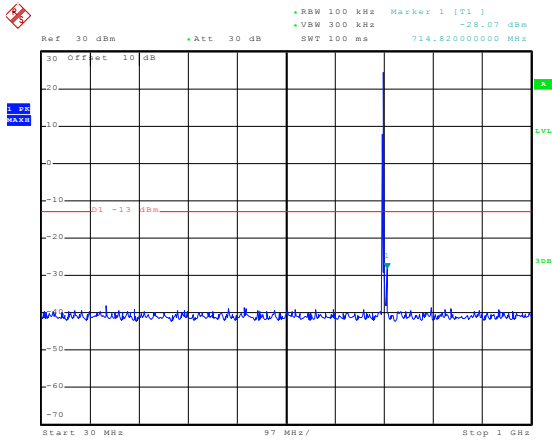
30MHz~1GHz



Date: 12.MAY.2016 23:36:08

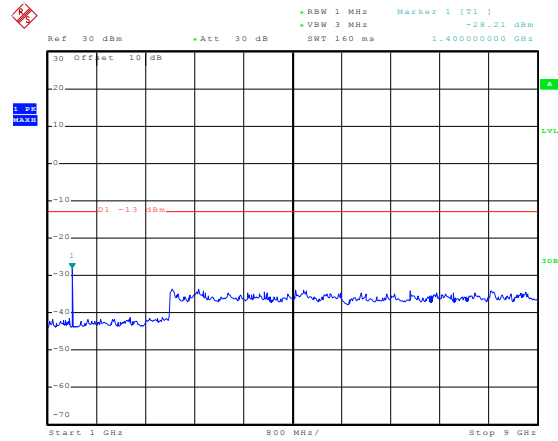
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:37:43

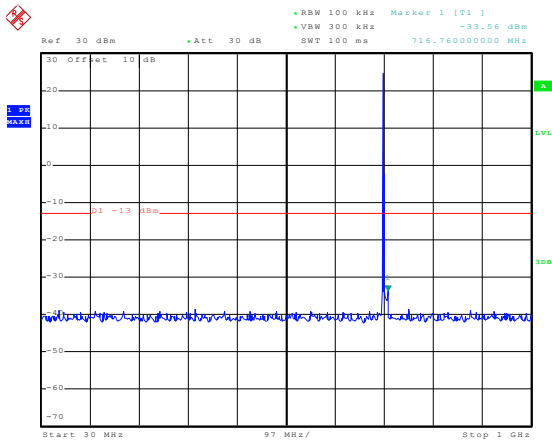
30MHz~1GHz



Date: 12.MAY.2016 23:37:02

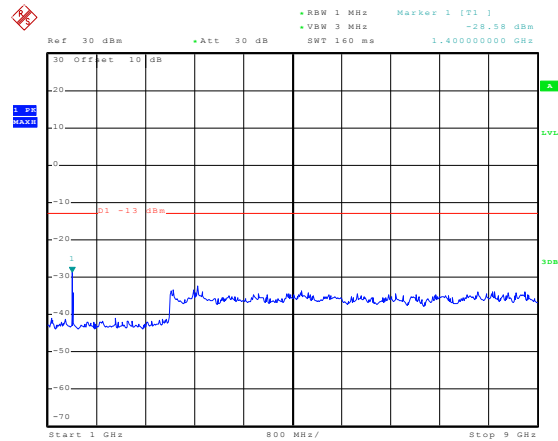
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 1 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:34:10

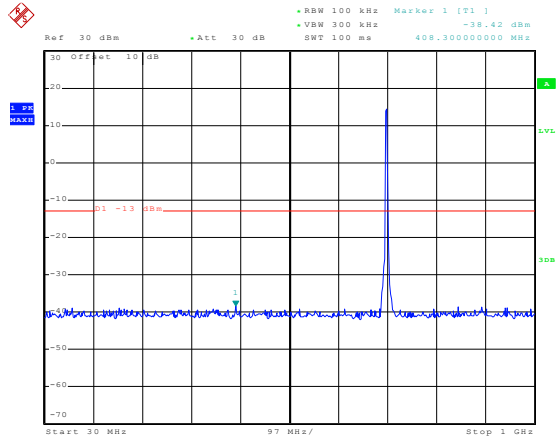
30MHz~1GHz



Date: 12.MAY.2016 23:37:56

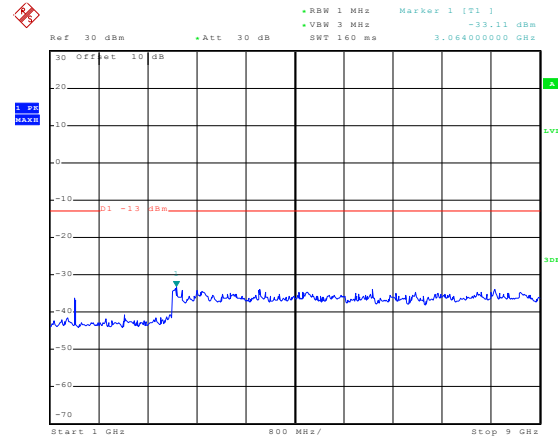
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:31:45

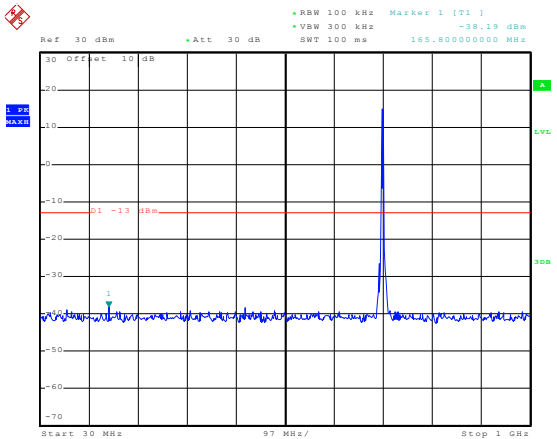
30MHz~1GHz



Date: 12.MAY.2016 23:36:23

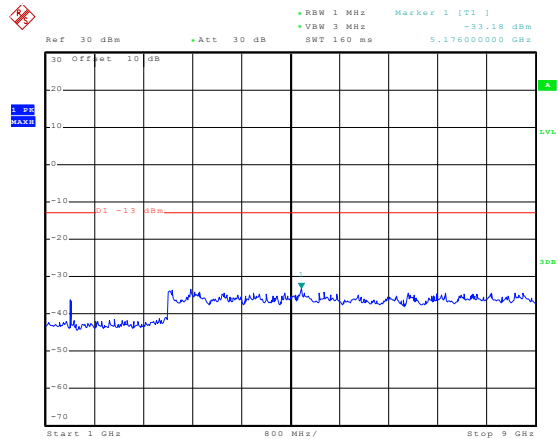
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:33:20

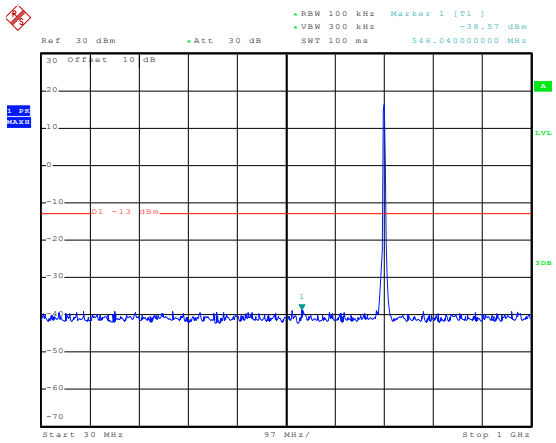
30MHz~1GHz



Date: 12.MAY.2016 23:37:17

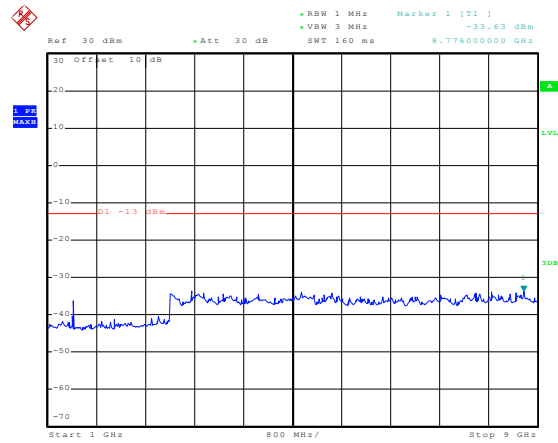
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 25 & RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:34:36

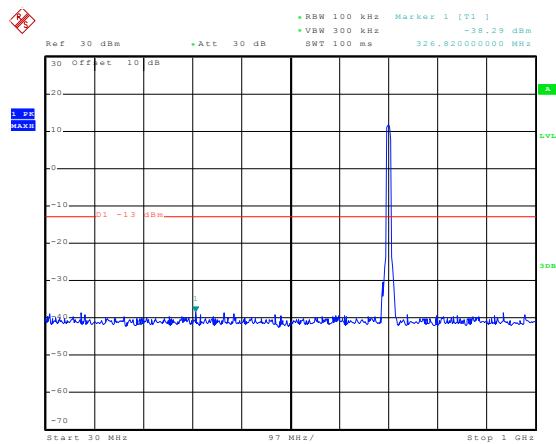
30MHz~1GHz



Date: 12.MAY.2016 23:38:13

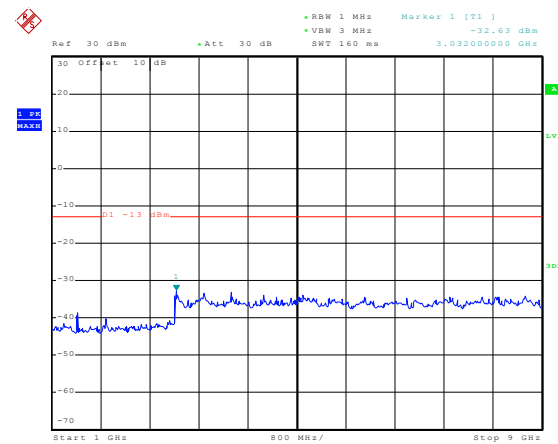
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Lowest channel
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Date: 12.MAY.2016 23:32:10

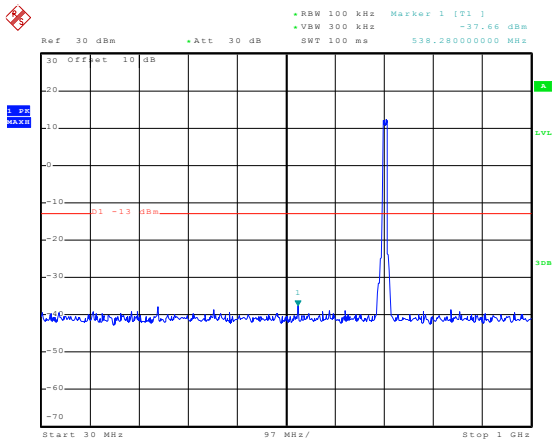
30MHz~1GHz



Date: 12.MAY.2016 23:36:39

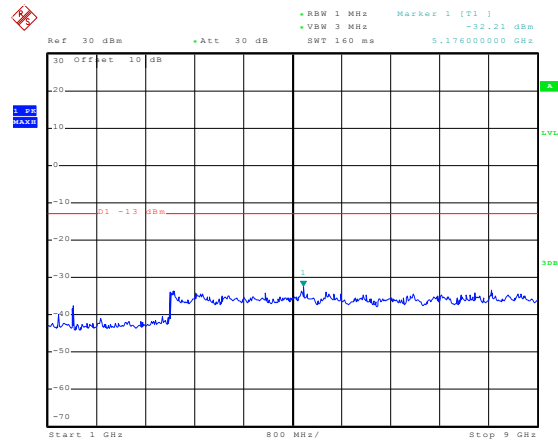
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Middle channel
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Date: 12.MAY.2016 23:33:41

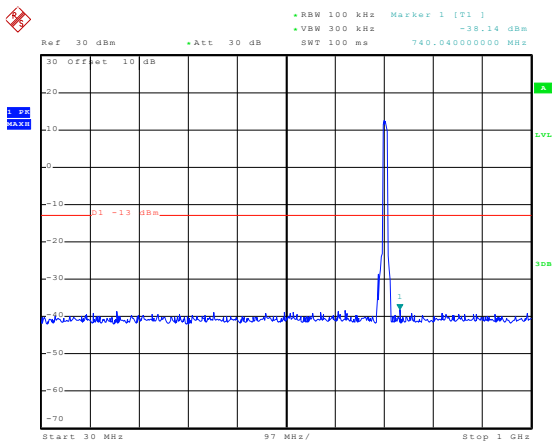
30MHz~1GHz



Date: 12.MAY.2016 23:37:34

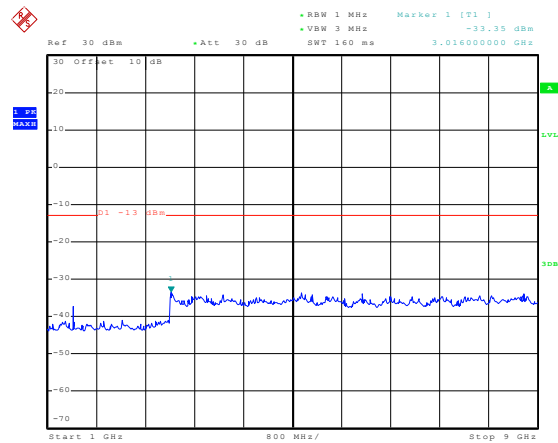
1GHz~9GHz

Test Mode:	LTE band 17(10MHz QPSK) RB Size 50& RB Offset 0	Test Channel:	Highest channel
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Date: 12.MAY.2016 23:35:00

30MHz~1GHz

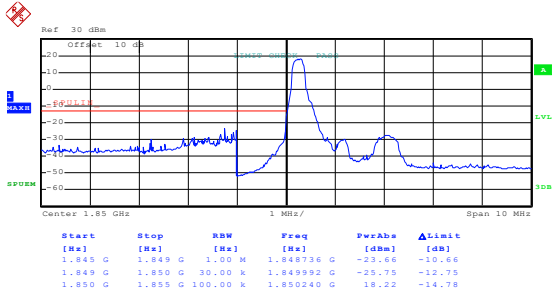


Date: 12.MAY.2016 23:38:28

1GHz~9GHz

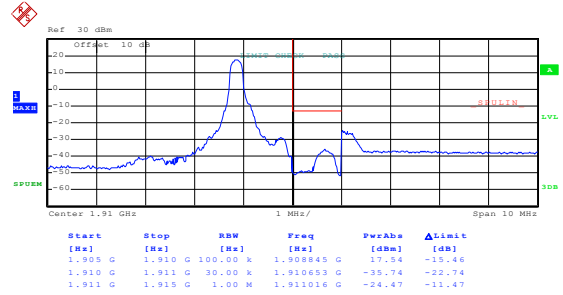
**Band edge emission:
LTE band 2 part: 1.4MHz:**

Test Mode:	LTE band 2(QPSK RB Size 1 &RB Offset 0)
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Date: 12.MAY.2016 20:37:56

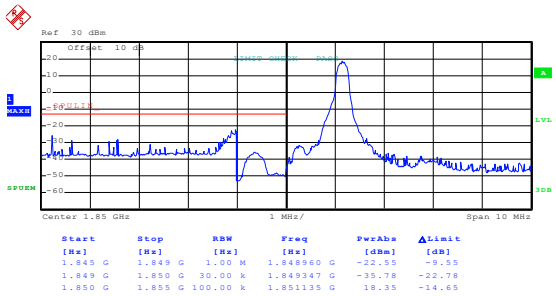
Lowest channel



Date: 12.MAY.2016 20:39:43

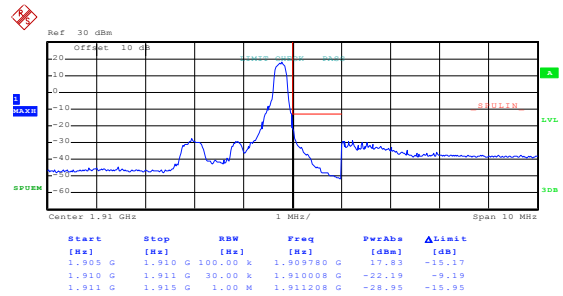
Highest channel

Test Mode:	LTE band 2(QPSK RB Size 1 &RB Offset 5)
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Date: 12.MAY.2016 20:38:17

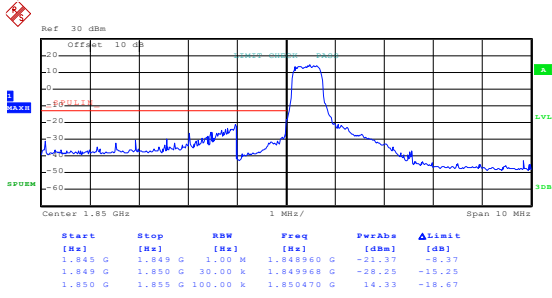
Lowest channel



Date: 12.MAY.2016 20:40:02

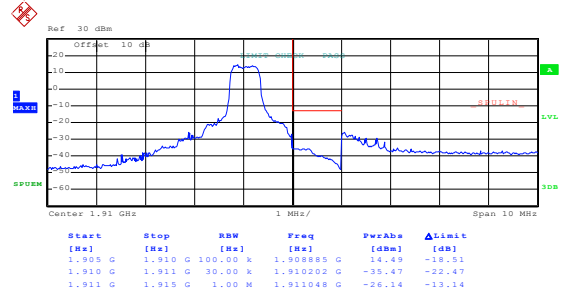
Highest channel

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



Date: 12.MAY.2016 20:38:38

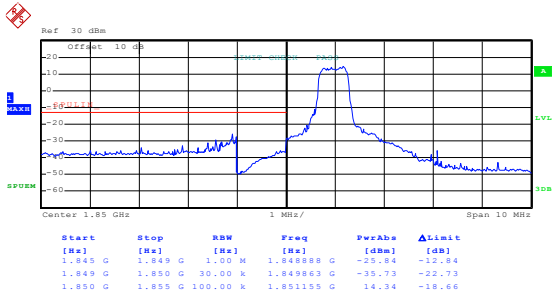
Lowest channel



Date: 12.MAY.2016 20:40:22

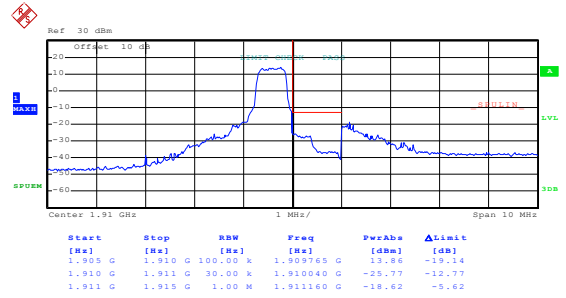
Highest channel

Test Mode: LTE band 2(QPSK RB Size 3 &RB Offset 2)



Date: 12.MAY.2016 20:38:54

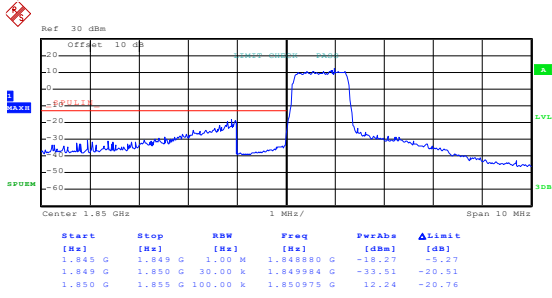
Lowest channel



Date: 12.MAY.2016 20:40:44

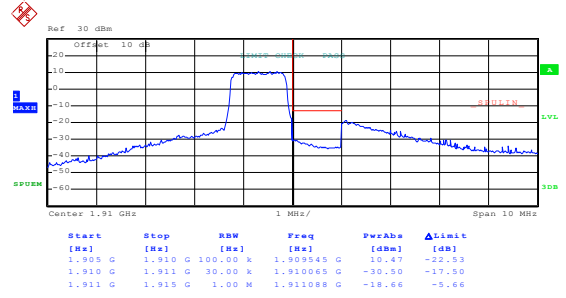
Highest channel

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



Date: 12.MAY.2016 20:39:12

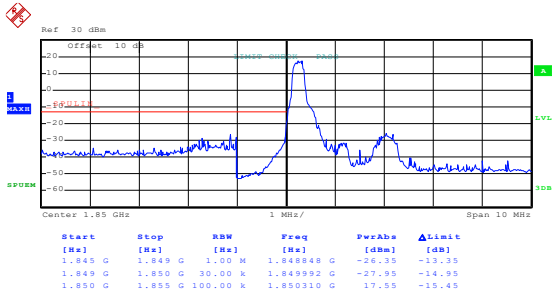
Lowest channel



Date: 12.MAY.2016 20:41:06

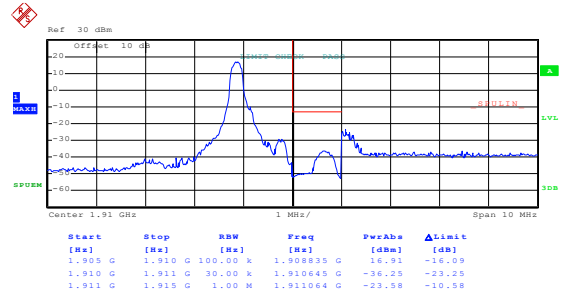
Highest channel

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



Date: 12.MAY.2016 20:38:05

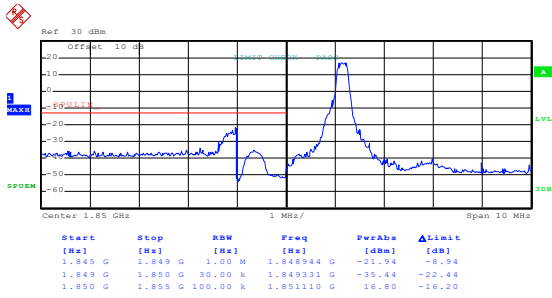
Lowest channel



Date: 12.MAY.2016 20:39:49

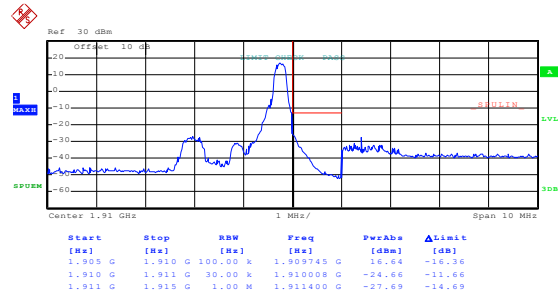
Highest channel

Test Mode: LTE band 2(16QAM RB Size 1 &RB Offset 5)



Date: 12.MAY.2016 20:38:25

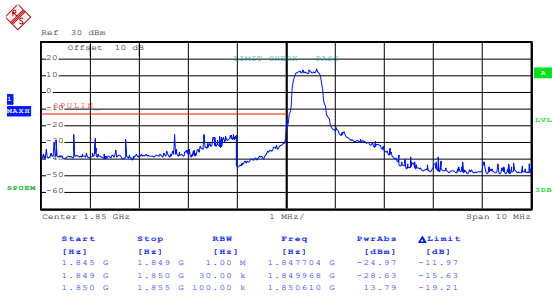
Lowest channel



Date: 12.MAY.2016 20:40:10

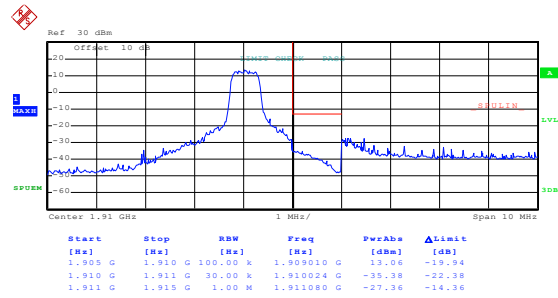
Highest channel

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



Date: 12.MAY.2016 20:38:45

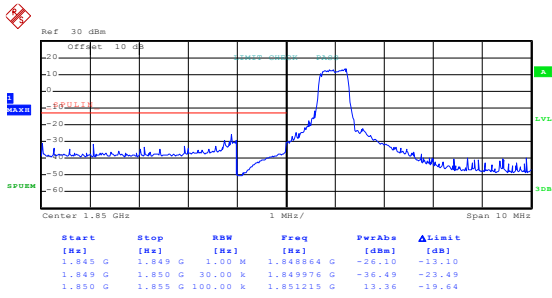
Lowest channel



Date: 12.MAY.2016 20:40:30

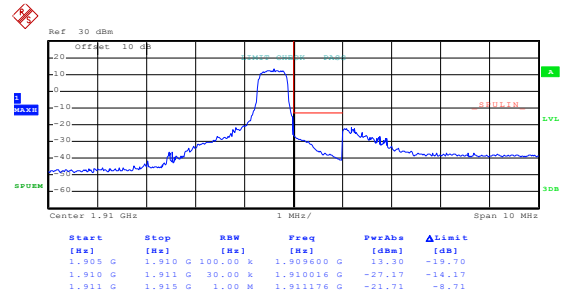
Highest channel

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



Date: 12.MAY.2016 20:39:02

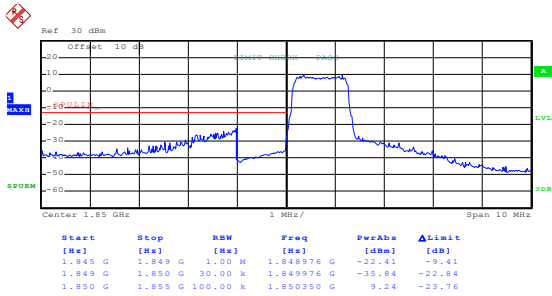
Lowest channel



Date: 12.MAY.2016 20:40:55

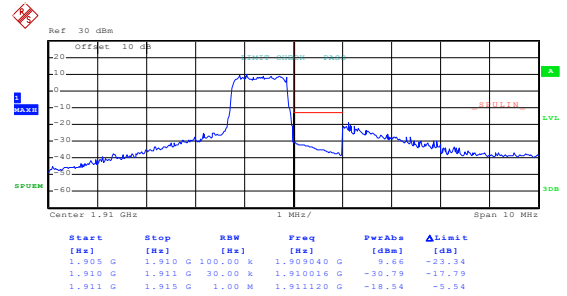
Highest channel

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



Date: 12.MAY.2016 20:39:18

Lowest channel

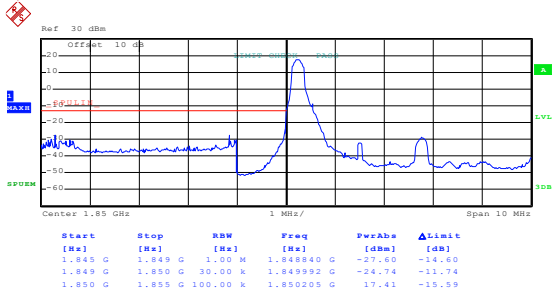


Date: 12.MAY.2016 20:41:12

Highest channel

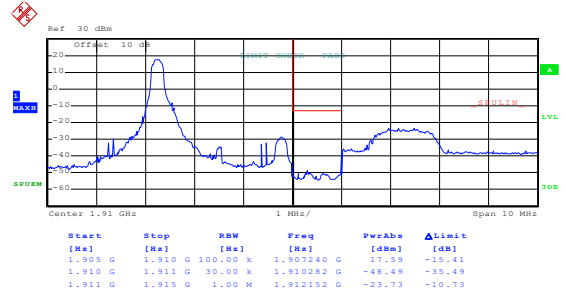
3MHz:

Test Mode: LTE band 2(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 20:42:04

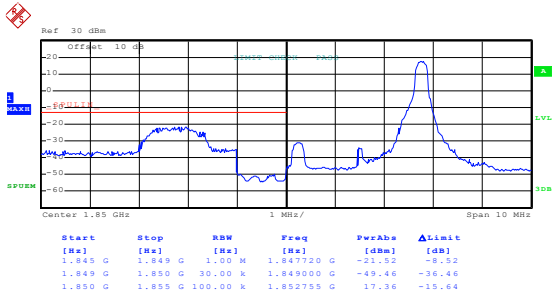
Lowest channel



Date: 12.MAY.2016 20:43:58

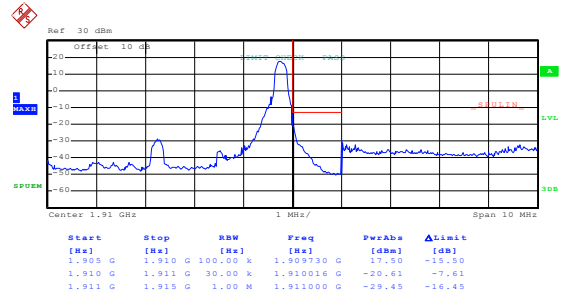
Highest channel

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



Date: 12.MAY.2016 20:42:23

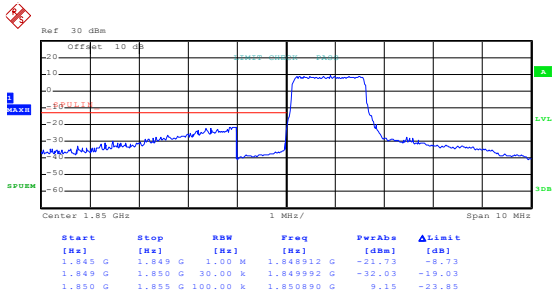
Lowest channel



Date: 12.MAY.2016 20:44:14

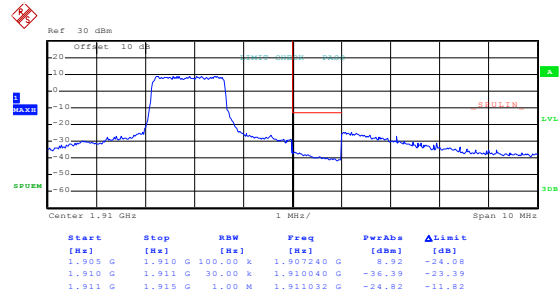
Highest channel

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



Date: 12.MAY.2016 20:42:43

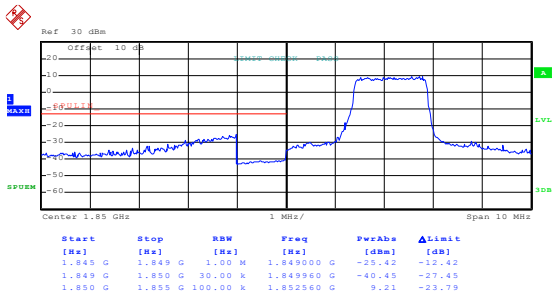
Lowest channel



Date: 12.MAY.2016 20:44:32

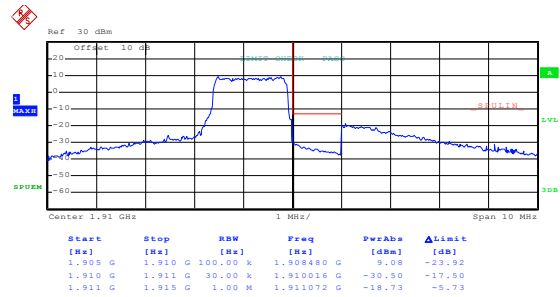
Highest channel

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



Date: 12.MAY.2016 20:43:08

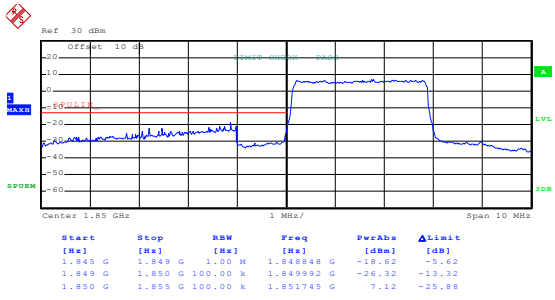
Lowest channel



Date: 12.MAY.2016 20:44:49

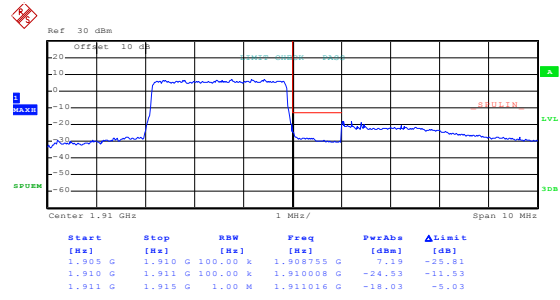
Highest channel

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



Date: 12.MAY.2016 20:43:28

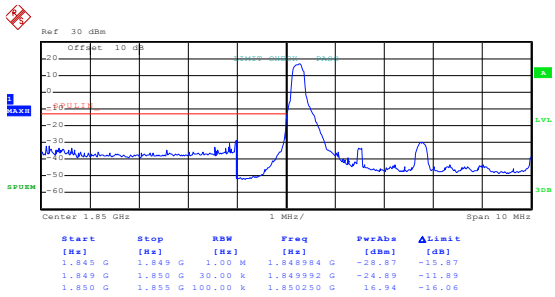
Lowest channel



Date: 12.MAY.2016 20:45:09

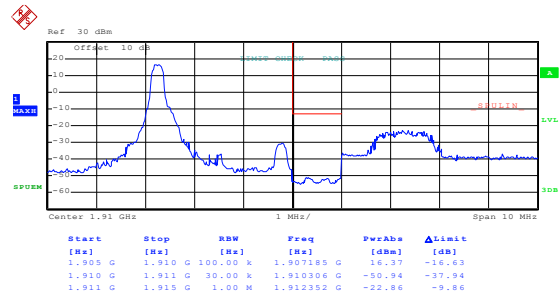
Highest channel

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



Date: 12.MAY.2016 20:42:11

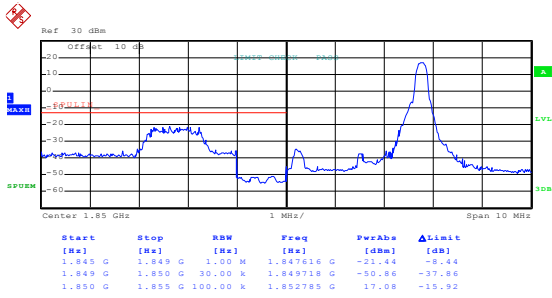
Lowest channel



Date: 12.MAY.2016 20:44:05

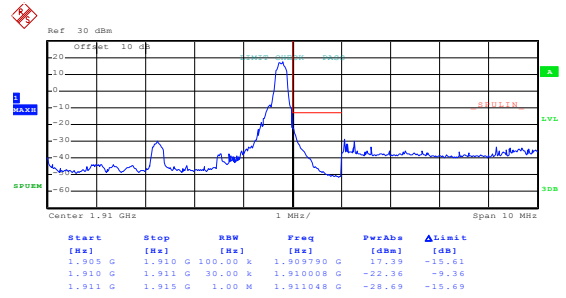
Highest channel

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



Date: 12.MAY.2016 20:42:30

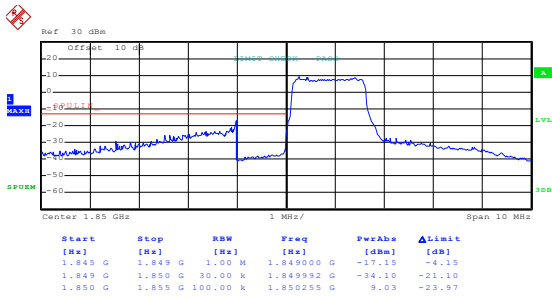
Lowest channel



Date: 12.MAY.2016 20:44:21

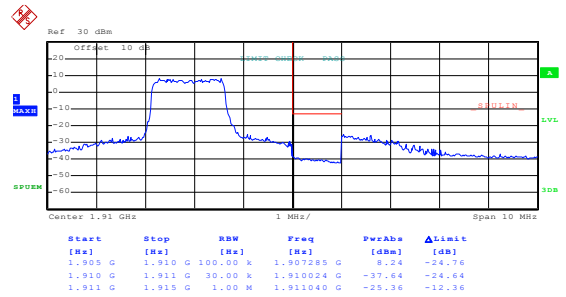
Highest channel

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



Date: 12.MAY.2016 20:42:58

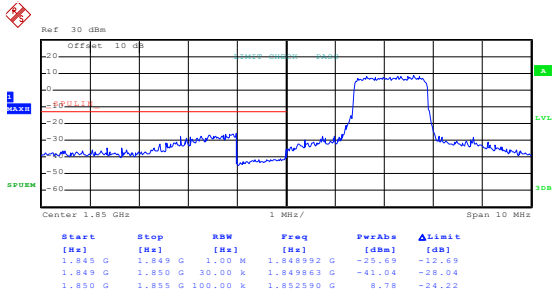
Lowest channel



Date: 12.MAY.2016 20:44:39

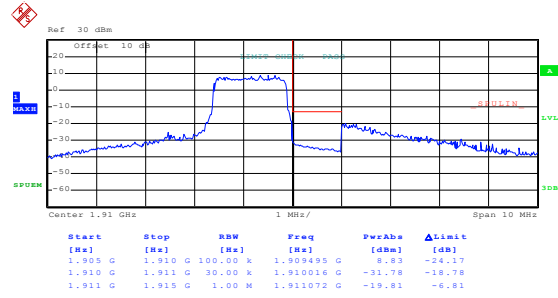
Highest channel

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



Date: 12.MAY.2016 20:43:15

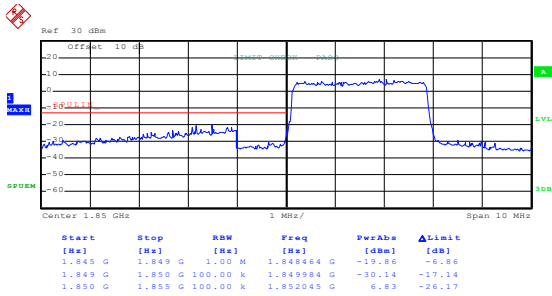
Lowest channel



Date: 12.MAY.2016 20:44:56

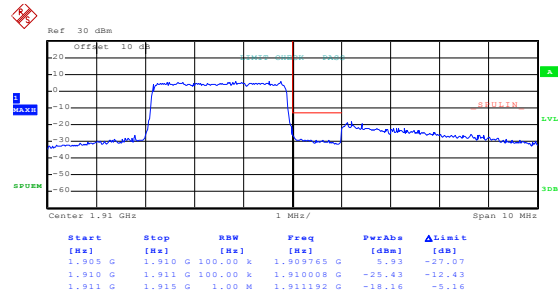
Highest channel

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



Date: 12.MAY.2016 20:43:35

Lowest channel

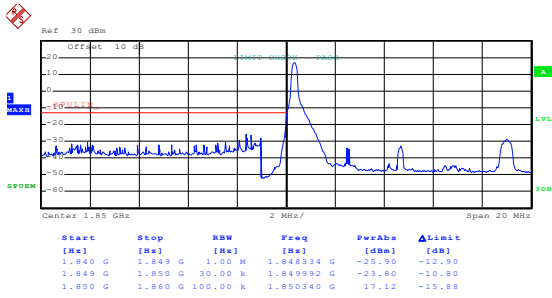


Date: 12.MAY.2016 20:45:15

Highest channel

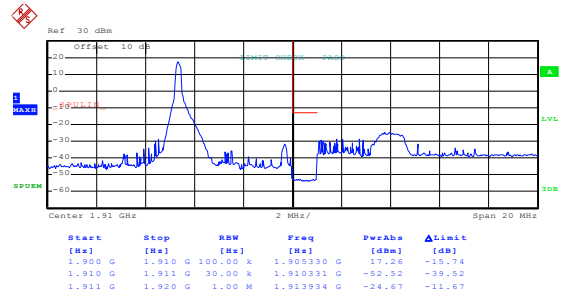
5MHz:

Test Mode: LTE band 2(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 20:45:56

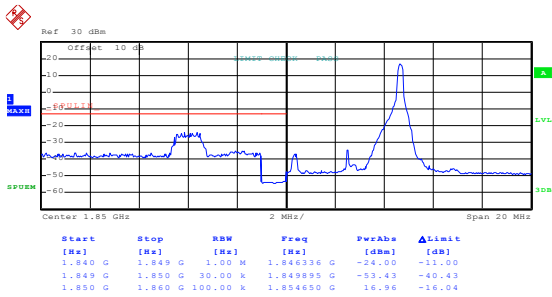
Lowest channel



Date: 12.MAY.2016 20:47:47

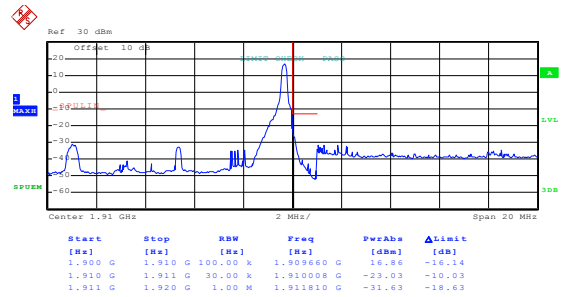
Highest channel

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



Date: 12.MAY.2016 20:46:11

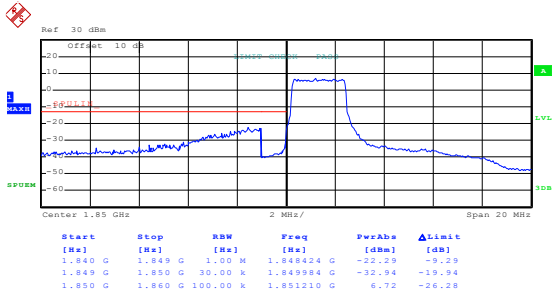
Lowest channel



Date: 12.MAY.2016 20:48:03

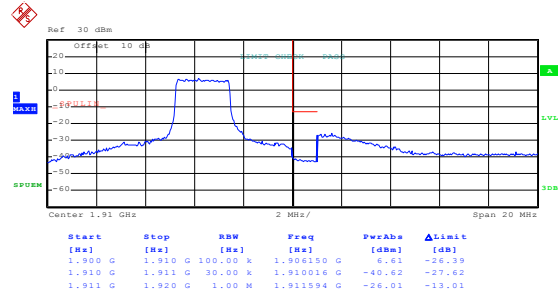
Highest channel

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



Date: 12.MAY.2016 20:46:31

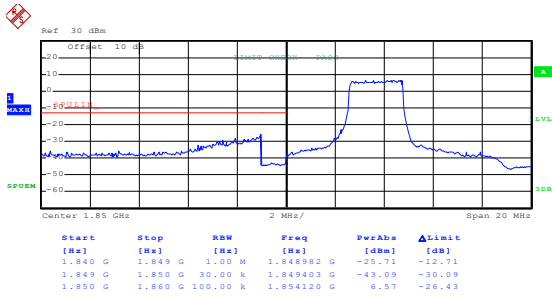
Lowest channel



Date: 12.MAY.2016 20:48:22

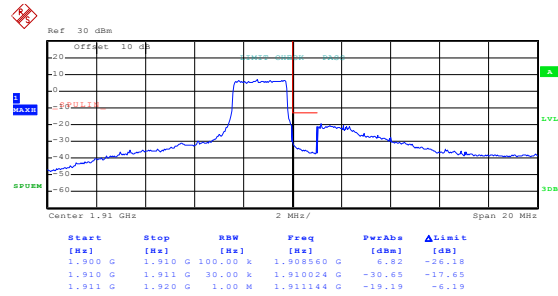
Highest channel

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



Date: 12.MAY.2016 20:46:49

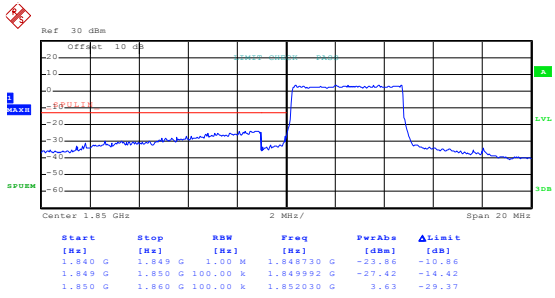
Lowest channel



Date: 12.MAY.2016 20:48:42

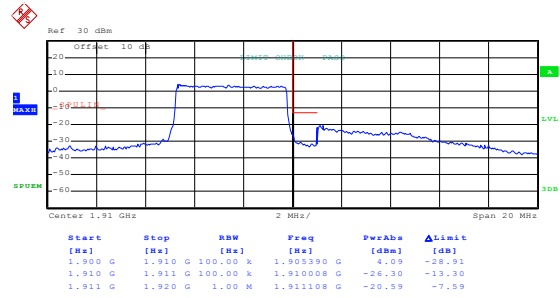
Highest channel

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



Date: 12.MAY.2016 20:47:14

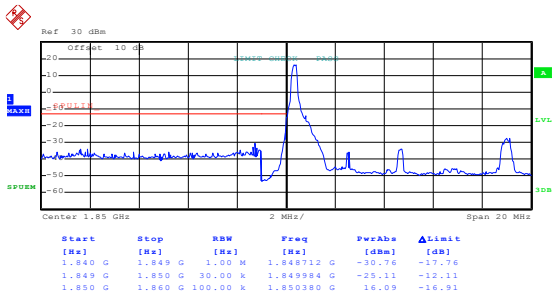
Lowest channel



Date: 12.MAY.2016 20:49:05

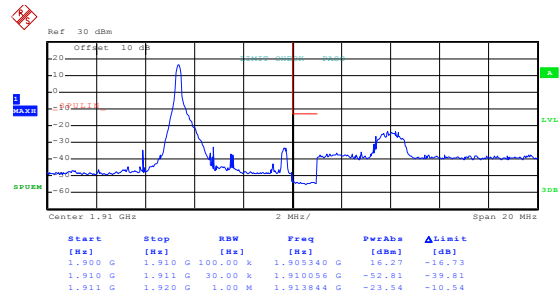
Highest channel

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



Date: 12.MAY.2016 20:46:02

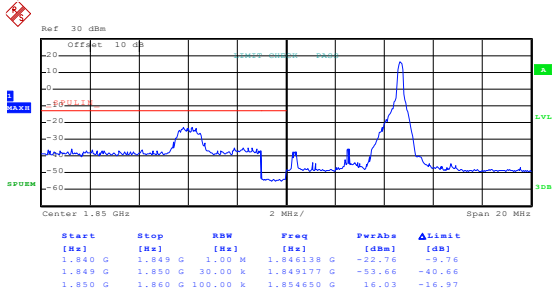
Lowest channel



Date: 12.MAY.2016 20:47:54

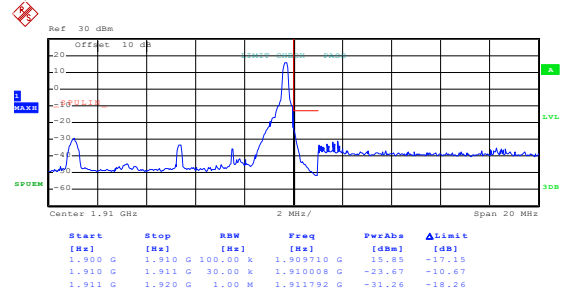
Highest channel

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



Date: 12.MAY.2016 20:46:19

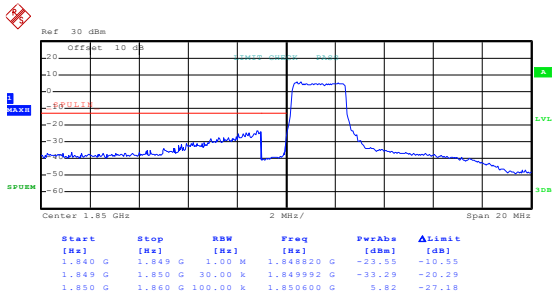
Lowest channel



Date: 12.MAY.2016 20:48:11

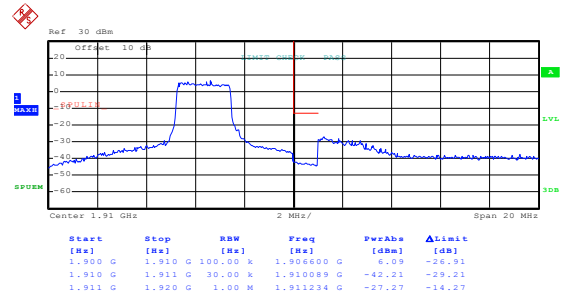
Highest channel

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



Date: 12.MAY.2016 20:46:38

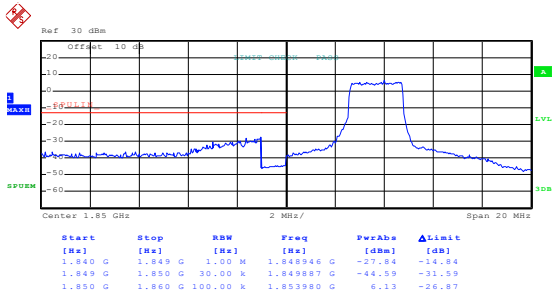
Lowest channel



Date: 12.MAY.2016 20:48:30

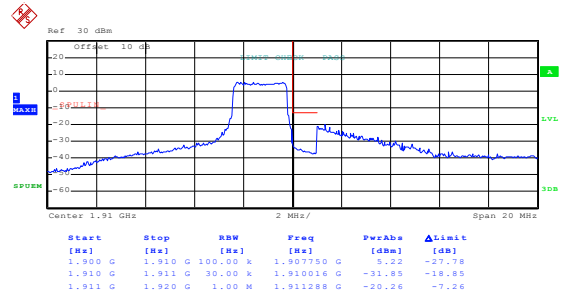
Highest channel

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



Date: 12.MAY.2016 20:46:57

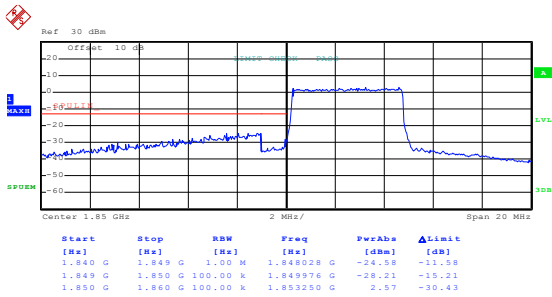
Lowest channel



Date: 12.MAY.2016 20:48:49

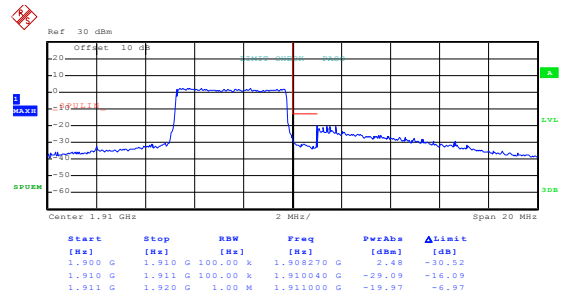
Highest channel

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



Date: 12.MAY.2016 20:47:20

Lowest channel

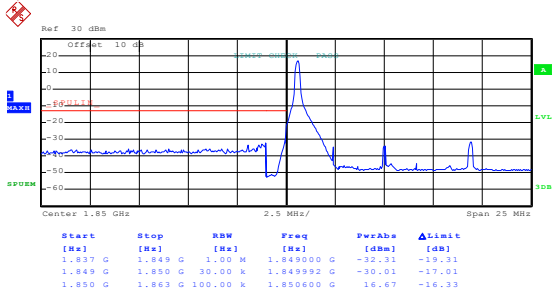


Date: 12.MAY.2016 20:49:11

Highest channel

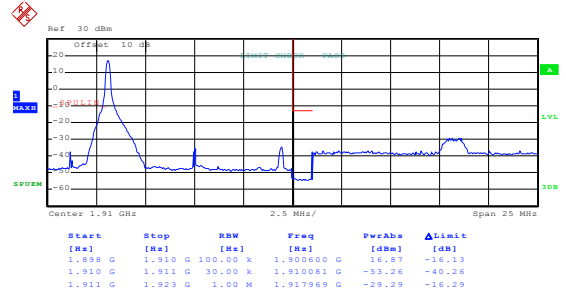
10MHz:

Test Mode: LTE band 2(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 20:50:13

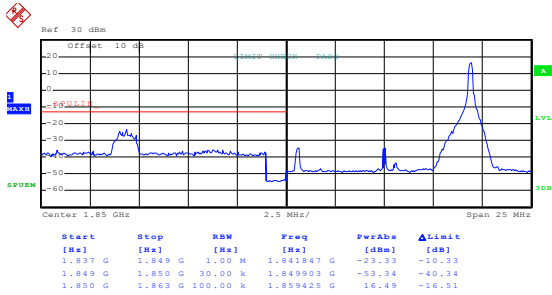
Lowest channel



Date: 12.MAY.2016 20:52:03

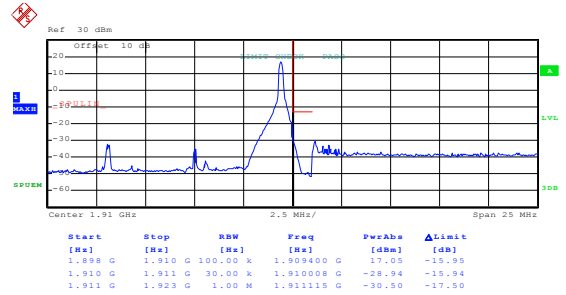
Highest channel

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



Date: 12.MAY.2016 20:50:29

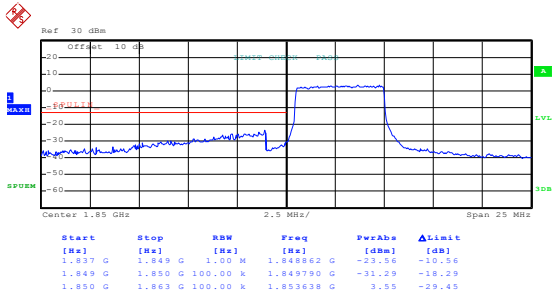
Lowest channel



Date: 12.MAY.2016 20:52:21

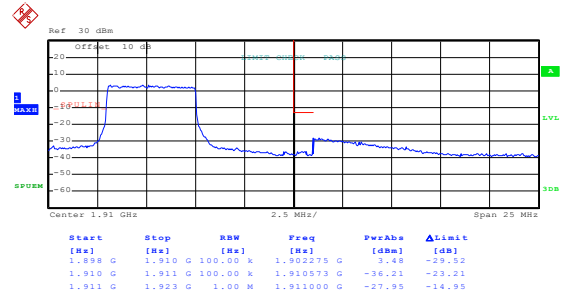
Highest channel

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



Date: 12.MAY.2016 20:50:52

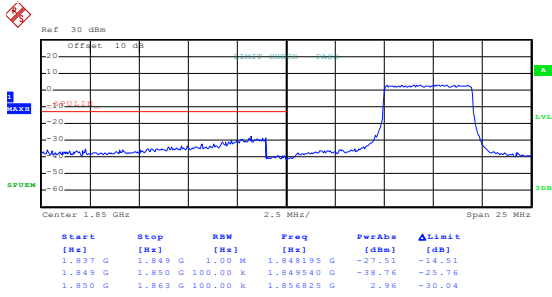
Lowest channel



Date: 12.MAY.2016 20:52:46

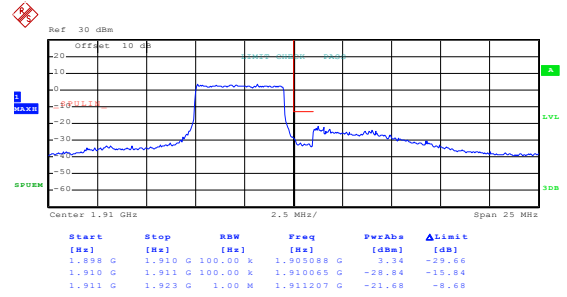
Highest channel

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



Date: 12.MAY.2016 20:51:09

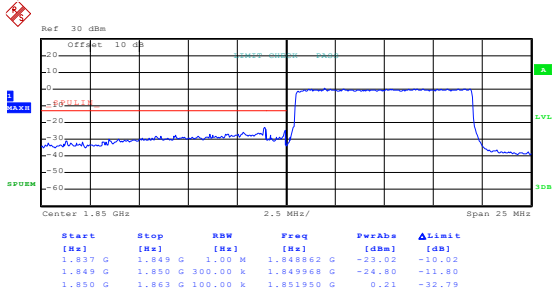
Lowest channel



Date: 12.MAY.2016 20:53:04

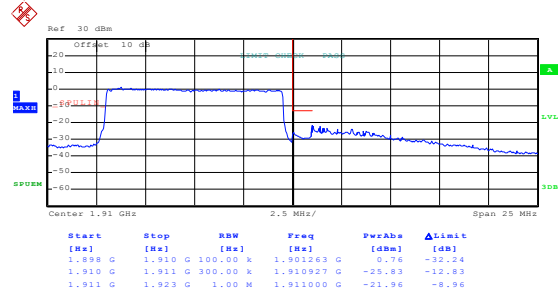
Highest channel

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



Date: 12.MAY.2016 20:51:31

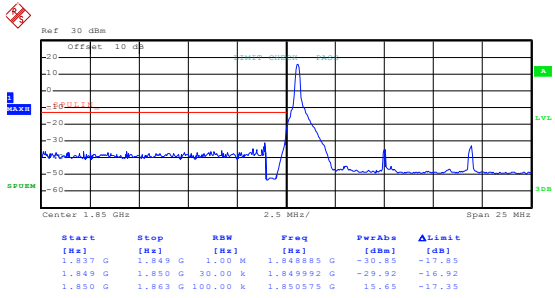
Lowest channel



Date: 12.MAY.2016 20:53:35

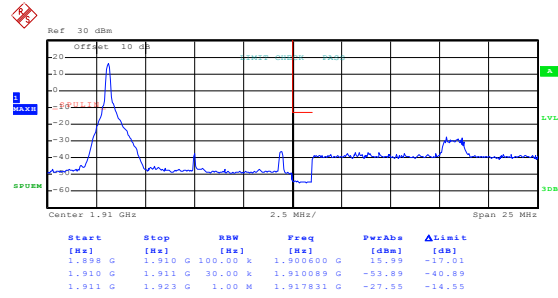
Highest channel

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



Date: 12.MAY.2016 20:50:19

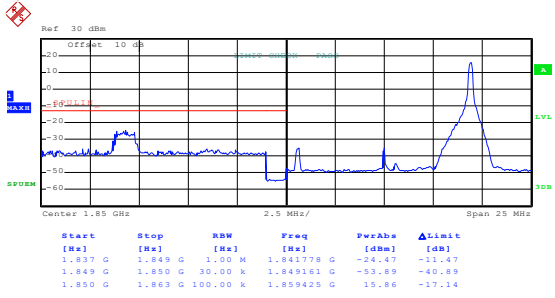
Lowest channel



Date: 12.MAY.2016 20:52:12

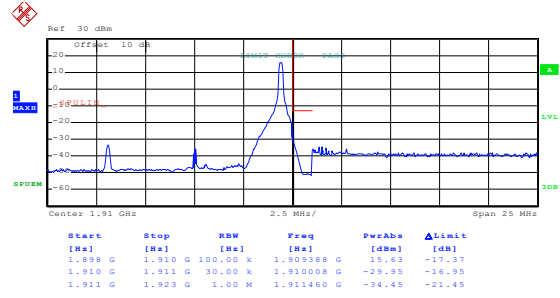
Highest channel

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



Date: 12.MAY.2016 20:50:37

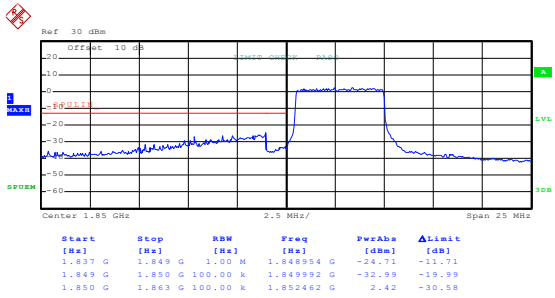
Lowest channel



Date: 12.MAY.2016 20:52:29

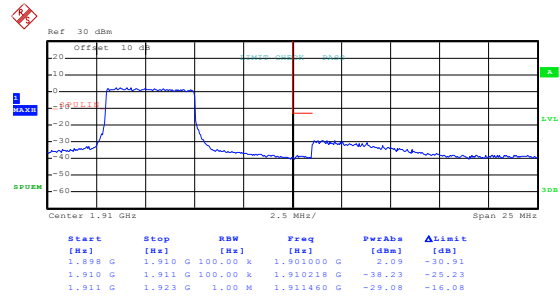
Highest channel

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



Date: 12.MAY.2016 20:50:59

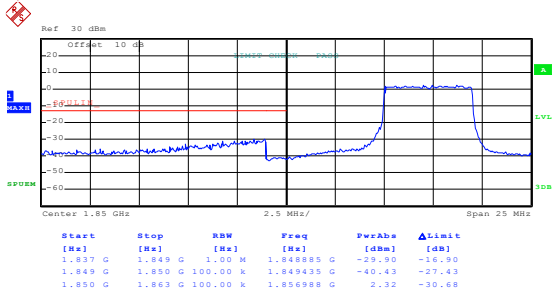
Lowest channel



Date: 12.MAY.2016 20:52:54

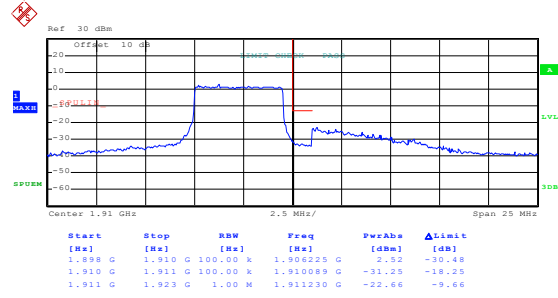
Highest channel

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



Date: 12.MAY.2016 20:51:18

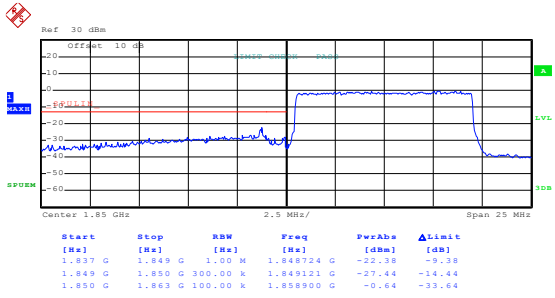
Lowest channel



Date: 12.MAY.2016 20:53:21

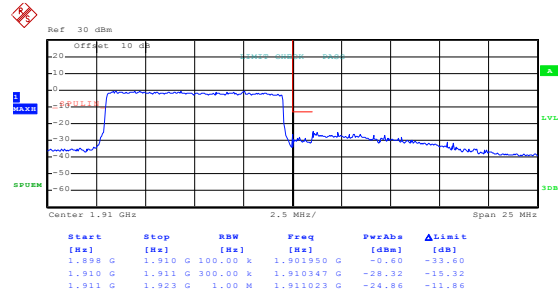
Highest channel

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



Date: 12.MAY.2016 20:51:38

Lowest channel

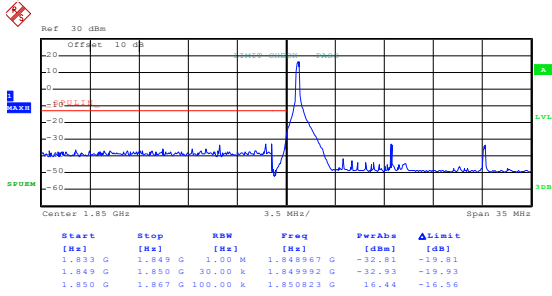


Date: 12.MAY.2016 20:53:42

Highest channel

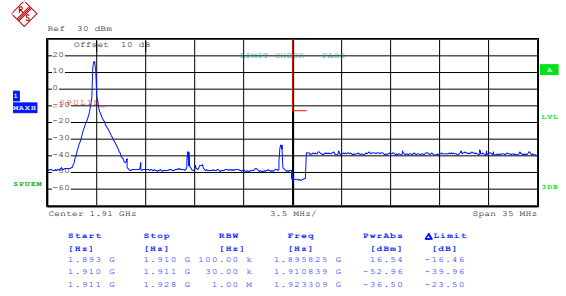
15MHz:

Test Mode: LTE band 2(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 20:54:35

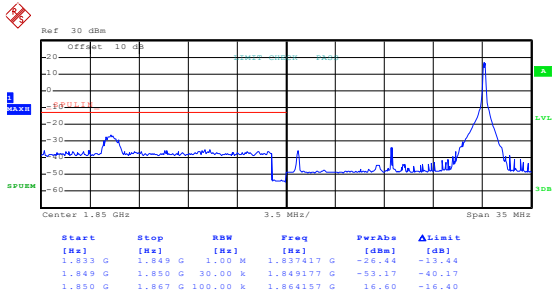
Lowest channel



Date: 12.MAY.2016 20:56:48

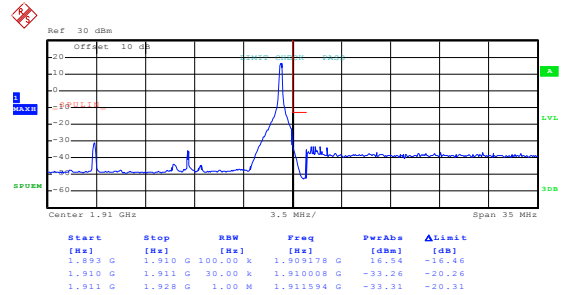
Highest channel

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



Date: 12.MAY.2016 20:54:58

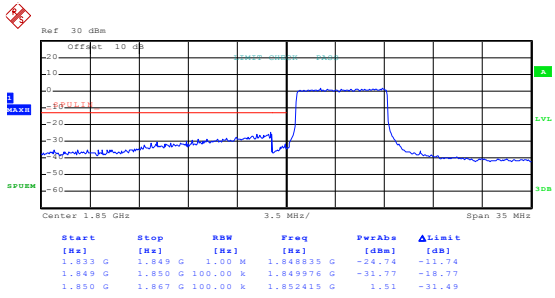
Lowest channel



Date: 12.MAY.2016 20:57:07

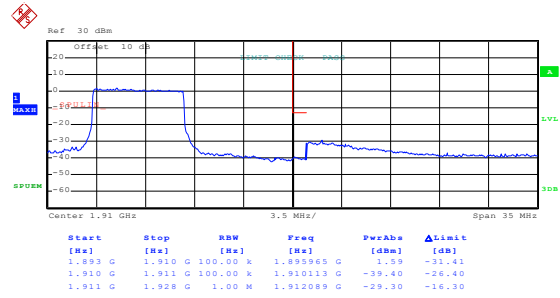
Highest channel

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



Date: 12.MAY.2016 20:55:27

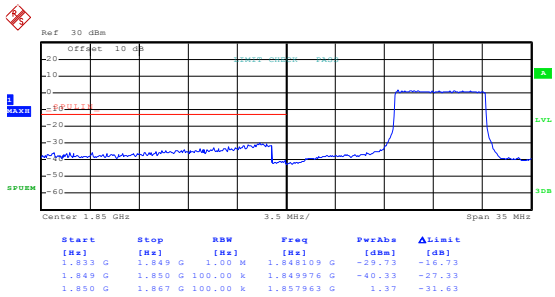
Lowest channel



Date: 12.MAY.2016 20:57:35

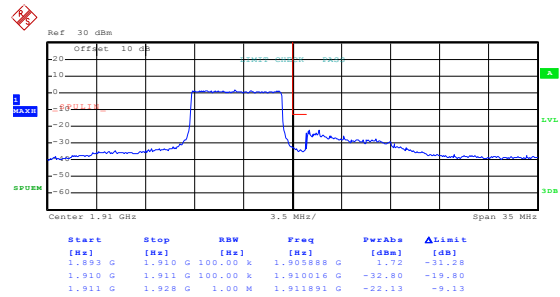
Highest channel

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



Date: 12.MAY.2016 20:55:53

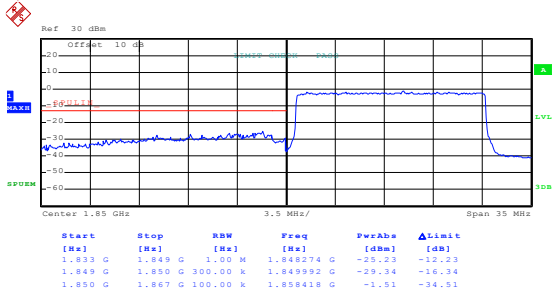
Lowest channel



Date: 12.MAY.2016 20:57:57

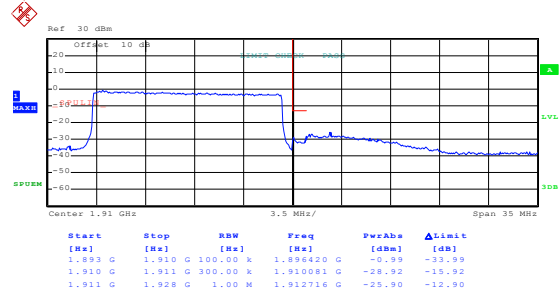
Highest channel

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



Date: 12.MAY.2016 20:56:17

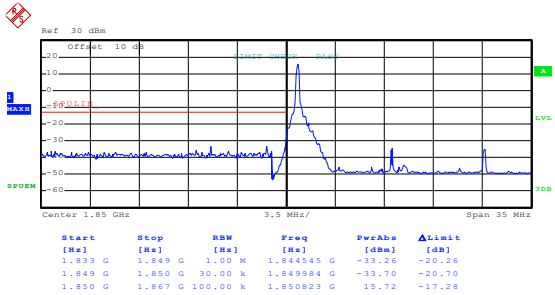
Lowest channel



Date: 12.MAY.2016 20:58:31

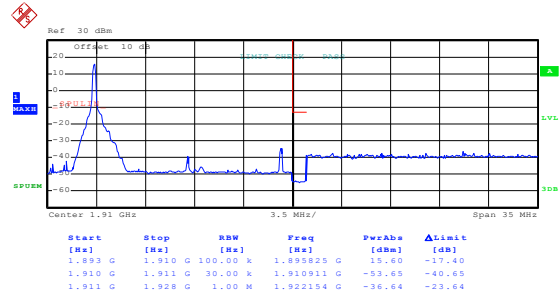
Highest channel

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



Date: 12.MAY.2016 20:54:43

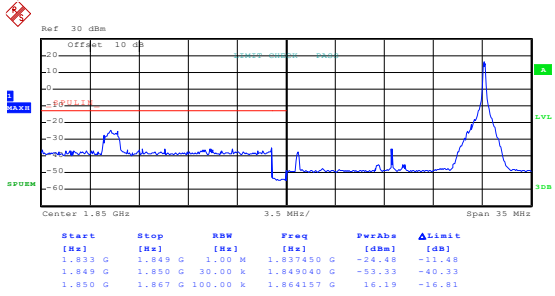
Lowest channel



Date: 12.MAY.2016 20:56:56

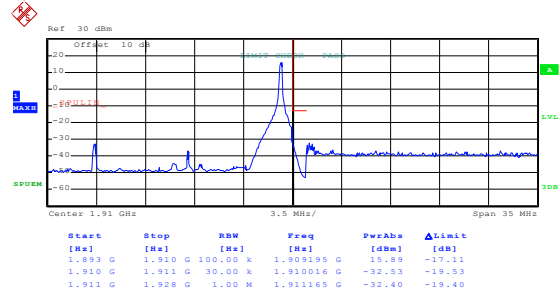
Highest channel

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



Date: 12.MAY.2016 20:55:08

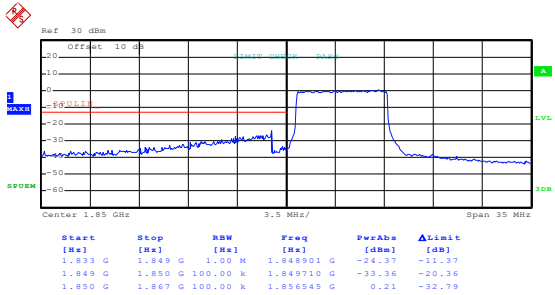
Lowest channel



Date: 12.MAY.2016 20:57:16

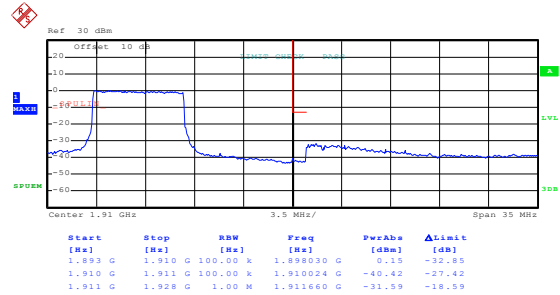
Highest channel

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



Date: 12.MAY.2016 20:55:34

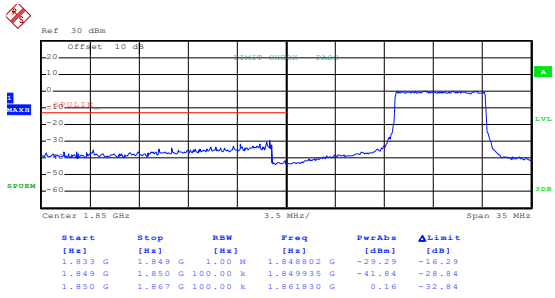
Lowest channel



Date: 12.MAY.2016 20:57:46

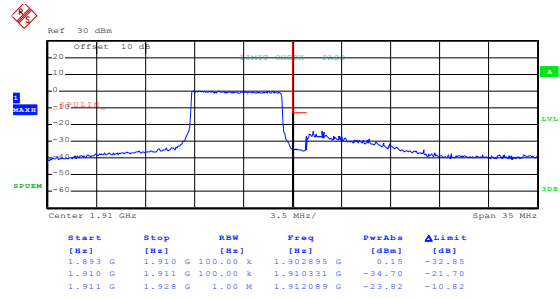
Highest channel

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



Date: 12.MAY.2016 20:56:01

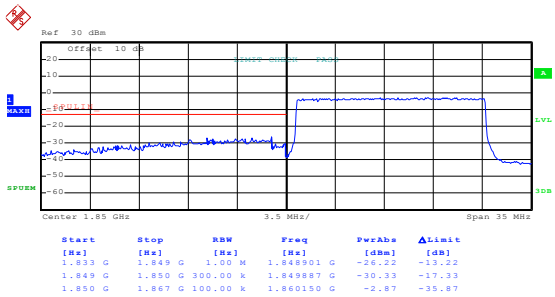
Lowest channel



Date: 12.MAY.2016 20:58:12

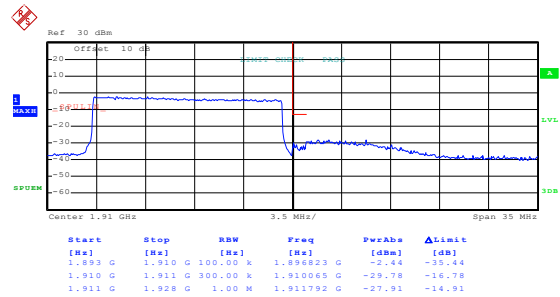
Highest channel

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



Date: 12.MAY.2016 20:56:24

Lowest channel

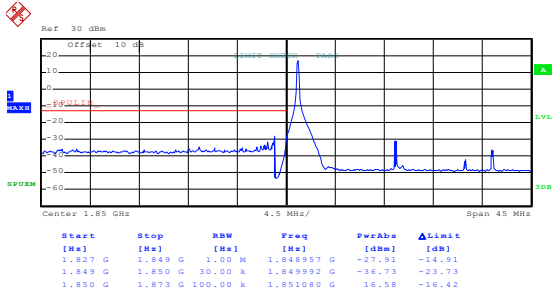


Date: 12.MAY.2016 20:58:48

Highest channel

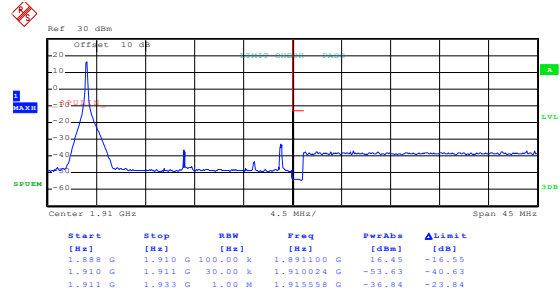
20MHz:

Test Mode: LTE band 2(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 21:06:36

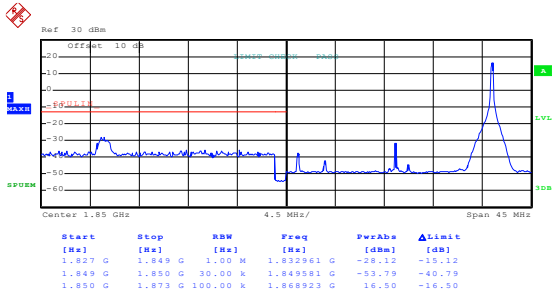
Lowest channel



Date: 12.MAY.2016 21:09:21

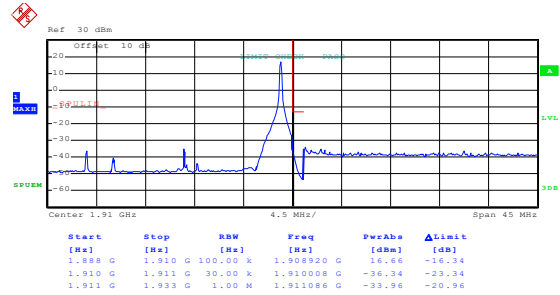
Highest channel

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



Date: 12.MAY.2016 21:07:02

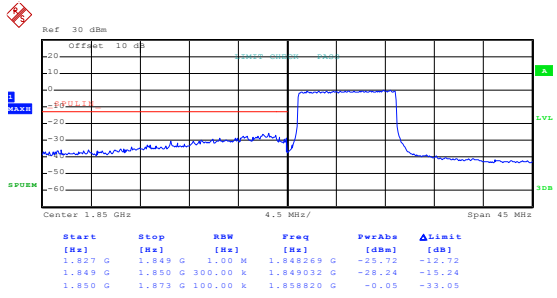
Lowest channel



Date: 12.MAY.2016 21:11:33

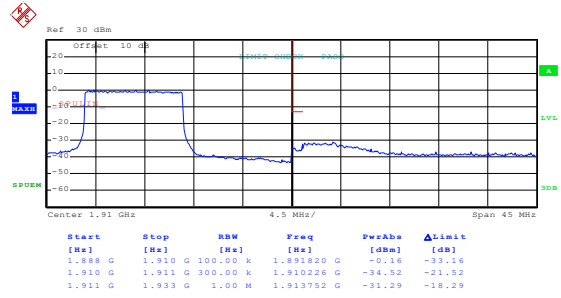
Highest channel

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



Date: 12.MAY.2016 21:07:32

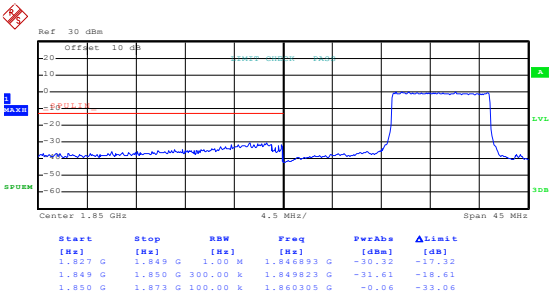
Lowest channel



Date: 12.MAY.2016 21:12:10

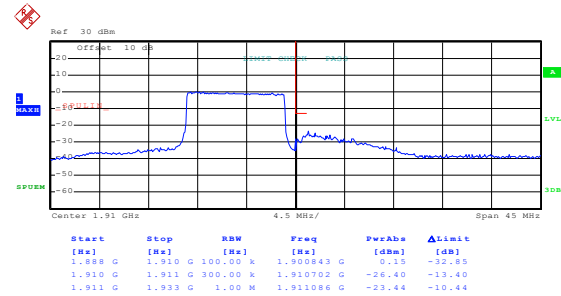
Highest channel

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



Date: 12.MAY.2016 21:07:51

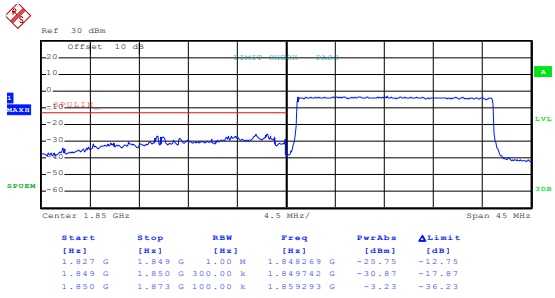
Lowest channel



Date: 12.MAY.2016 21:12:30

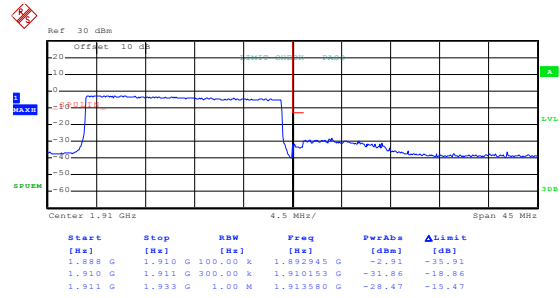
Highest channel

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



Date: 12.MAY.2016 21:08:10

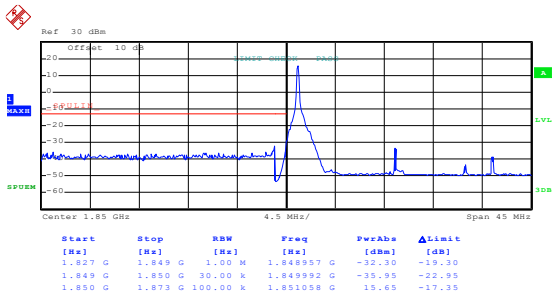
Lowest channel



Date: 12.MAY.2016 21:12:51

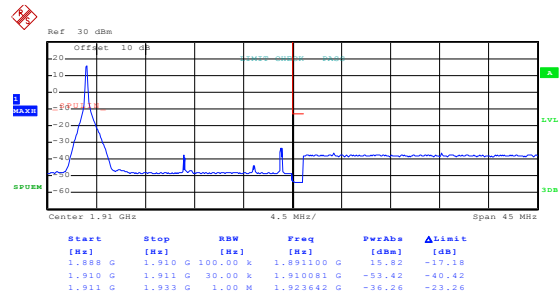
Highest channel

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



Date: 12.MAY.2016 21:06:51

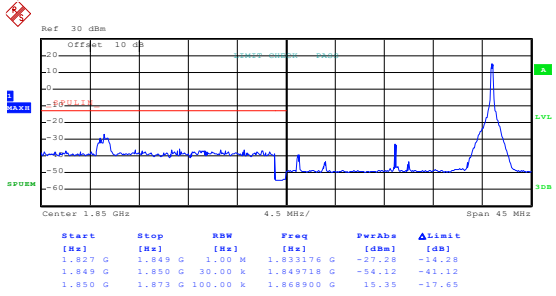
Lowest channel



Date: 12.MAY.2016 21:10:34

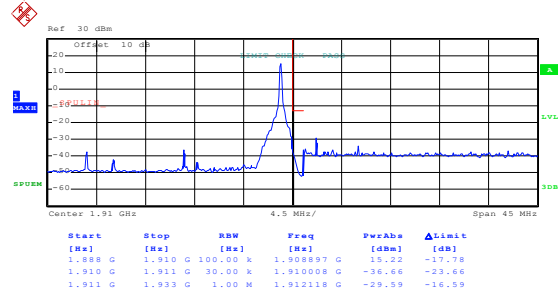
Highest channel

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



Date: 12.MAY.2016 21:07:11

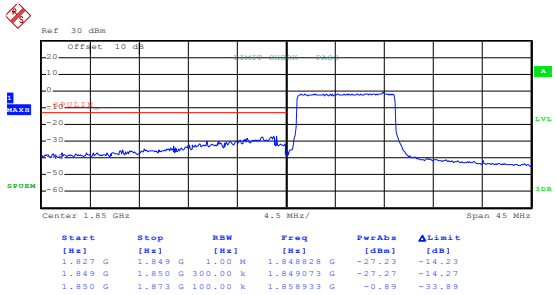
Lowest channel



Date: 12.MAY.2016 21:11:42

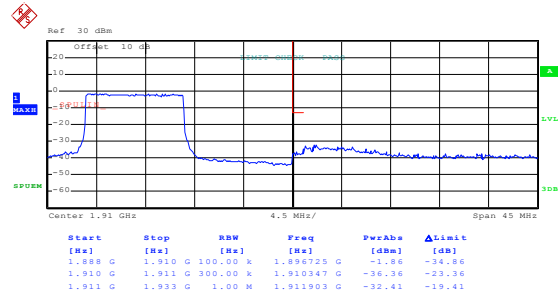
Highest channel

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



Date: 12.MAY.2016 21:07:40

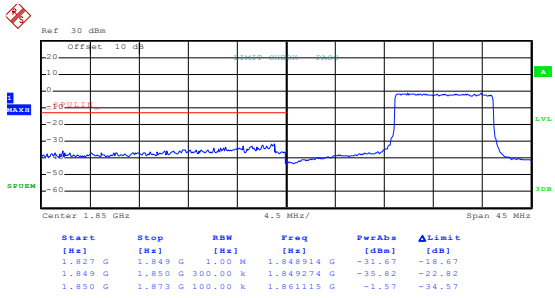
Lowest channel



Date: 12.MAY.2016 21:12:18

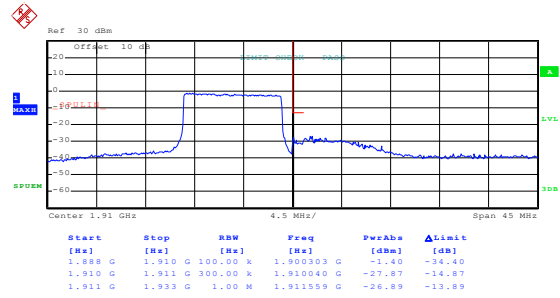
Highest channel

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



Date: 12.MAY.2016 21:08:00

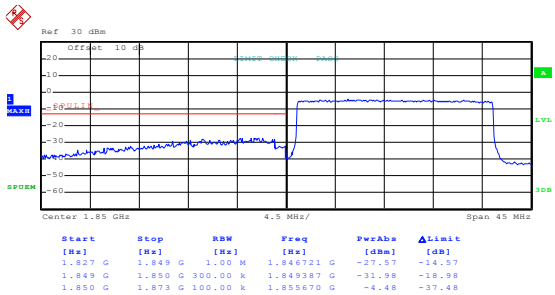
Lowest channel



Date: 12.MAY.2016 21:12:40

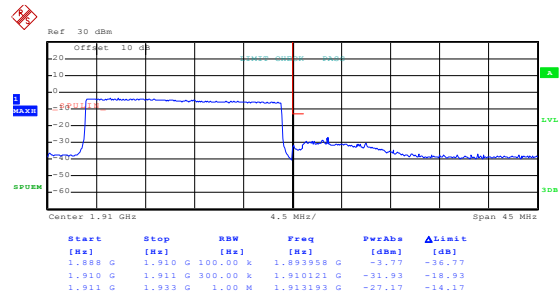
Highest channel

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



Date: 12.MAY.2016 21:08:18

Lowest channel

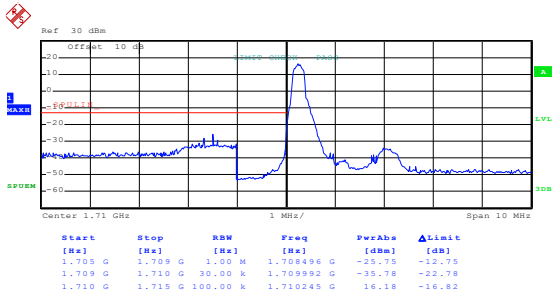


Date: 12.MAY.2016 21:13:17

Highest channel

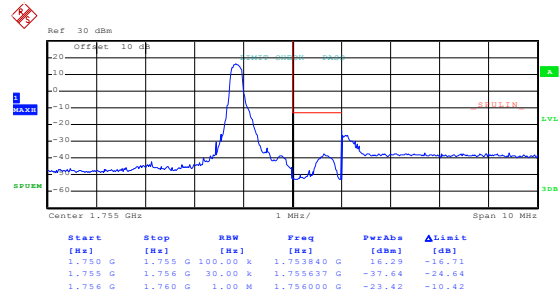
LTE band 4 part: 1.4MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 &RB Offset 0)
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Date: 12.MAY.2016 21:17:05

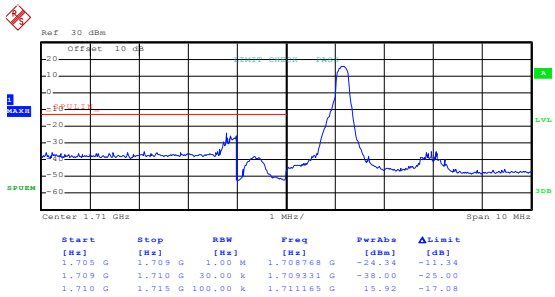
Lowest channel



Date: 12.MAY.2016 21:29:55

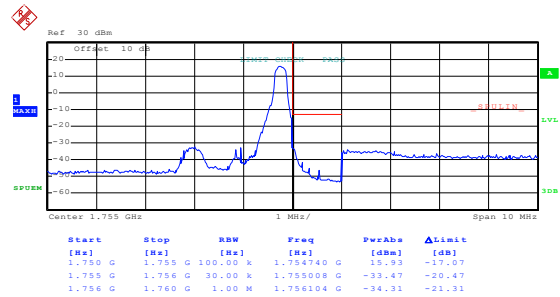
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 &RB Offset 5)
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Date: 12.MAY.2016 21:21:04

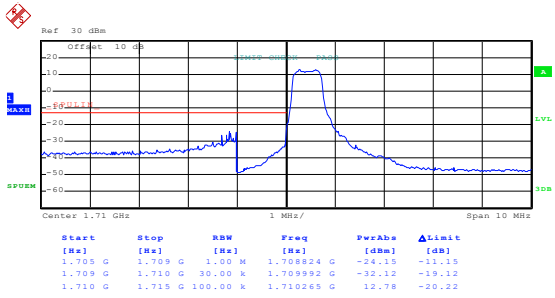
Lowest channel



Date: 12.MAY.2016 21:30:10

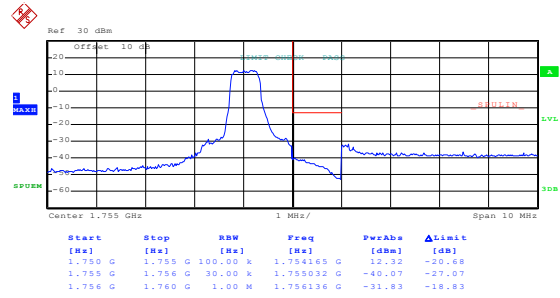
Highest channel

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



Date: 12.MAY.2016 21:21:31

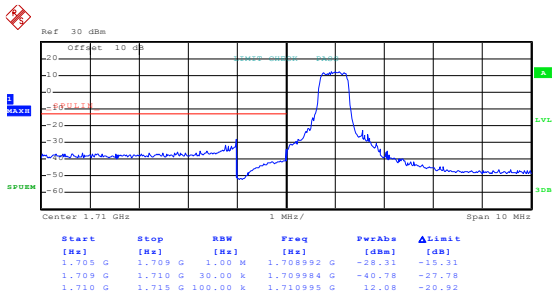
Lowest channel



Date: 12.MAY.2016 21:30:30

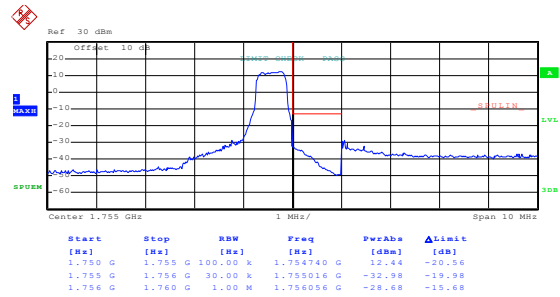
Highest channel

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



Date: 12.MAY.2016 21:21:53

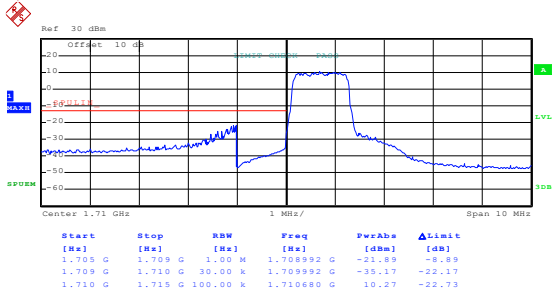
Lowest channel



Date: 12.MAY.2016 21:30:46

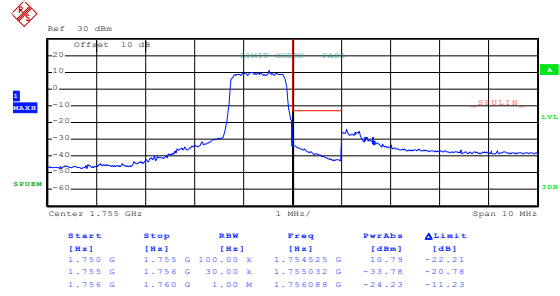
Highest channel

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



Date: 12.MAY.2016 21:22:41

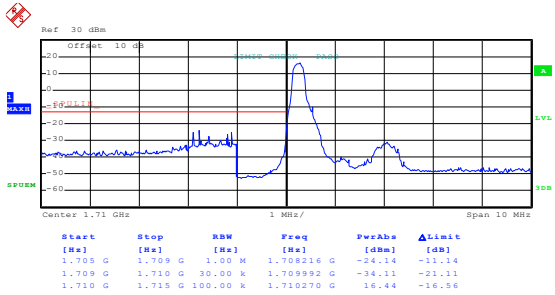
Lowest channel



Date: 12.MAY.2016 21:31:05

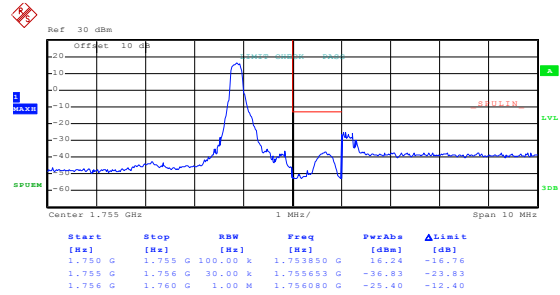
Highest channel

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



Date: 12.MAY.2016 21:17:15

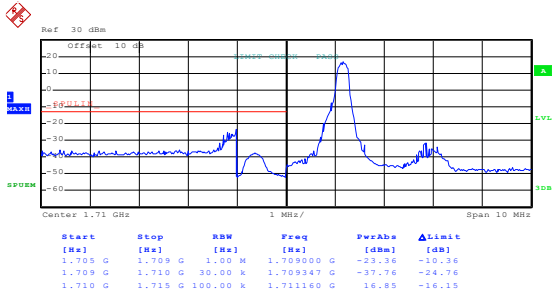
Lowest channel



Date: 12.MAY.2016 21:30:02

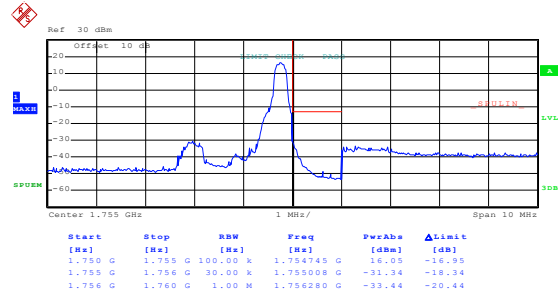
Highest channel

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



Date: 12.MAY.2016 21:21:13

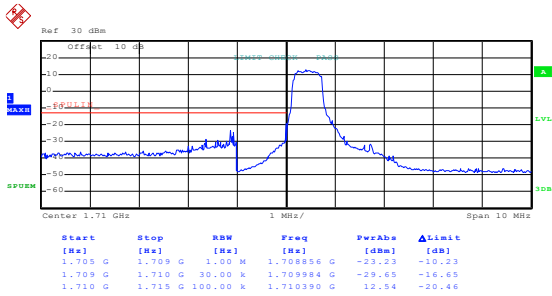
Lowest channel



Date: 12.MAY.2016 21:30:18

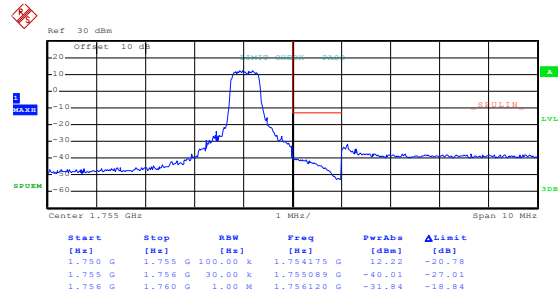
Highest channel

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



Date: 12.MAY.2016 21:21:40

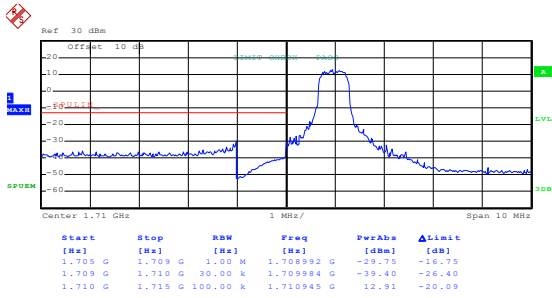
Lowest channel



Date: 12.MAY.2016 21:30:36

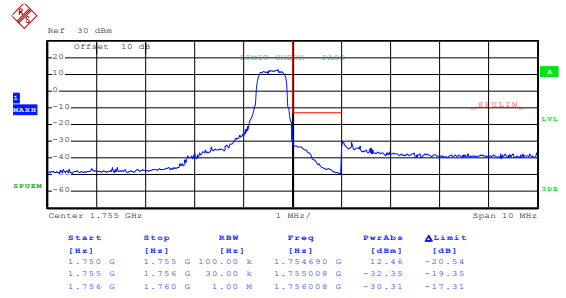
Highest channel

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



Date: 12.MAY.2016 21:22:01

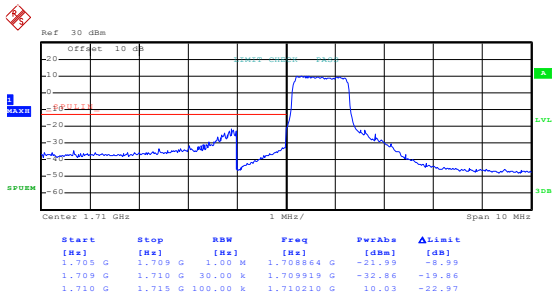
Lowest channel



Date: 12.MAY.2016 21:30:53

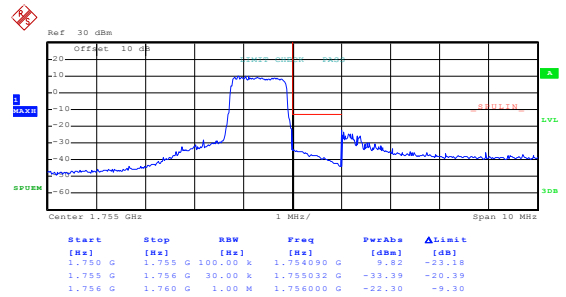
Highest channel

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



Date: 12.MAY.2016 21:22:59

Lowest channel

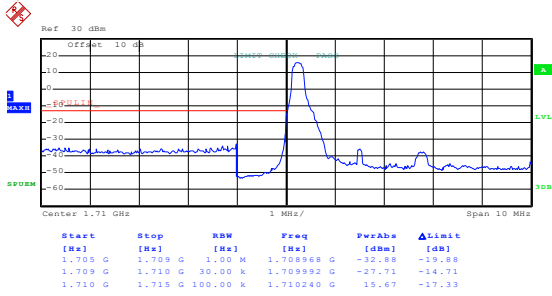


Date: 12.MAY.2016 21:31:11

Highest channel

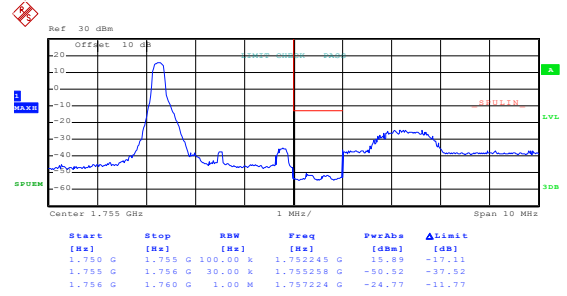
3MHz:

Test Mode: LTE band 4(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 21:32:57

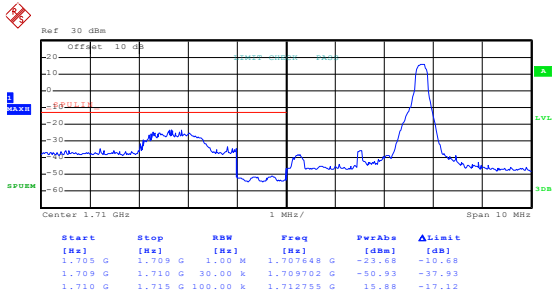
Lowest channel



Date: 12.MAY.2016 21:34:41

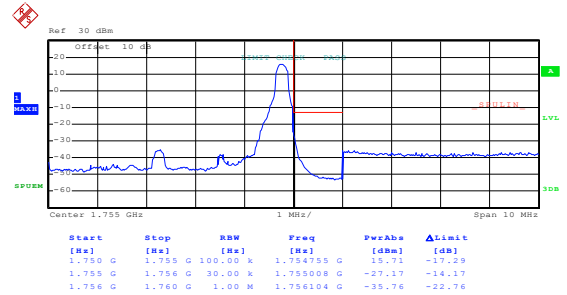
Highest channel

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



Date: 12.MAY.2016 21:32:31

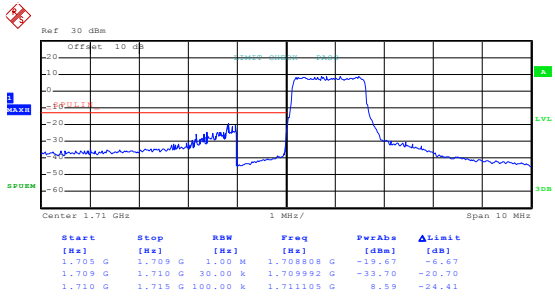
Lowest channel



Date: 12.MAY.2016 21:34:57

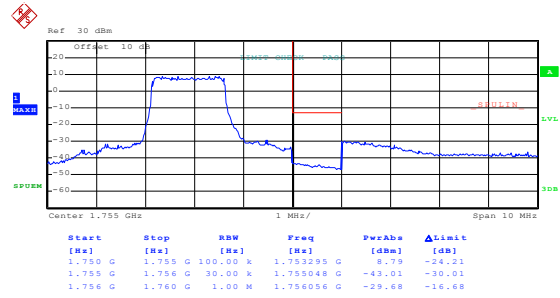
Highest channel

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



Date: 12.MAY.2016 21:33:27

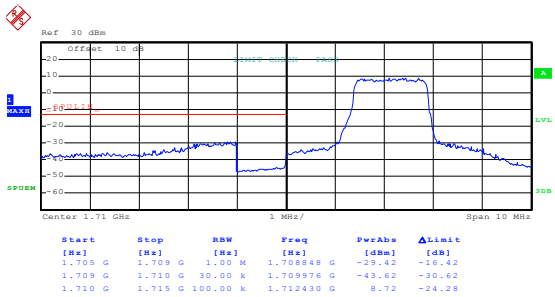
Lowest channel



Date: 12.MAY.2016 21:35:15

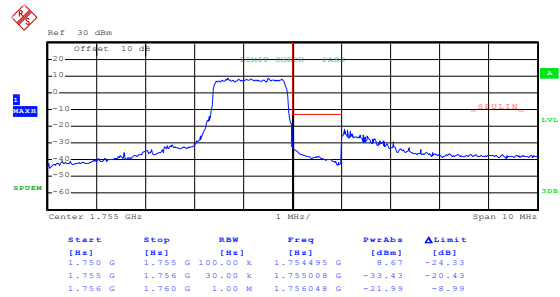
Highest channel

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



Date: 12.MAY.2016 21:33:46

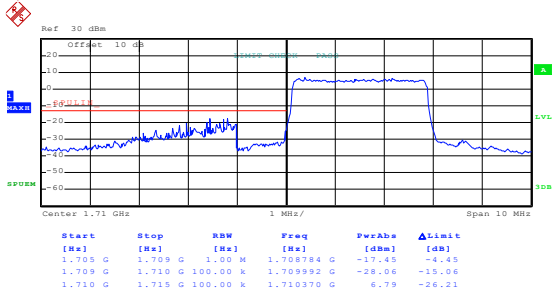
Lowest channel



Date: 12.MAY.2016 21:35:32

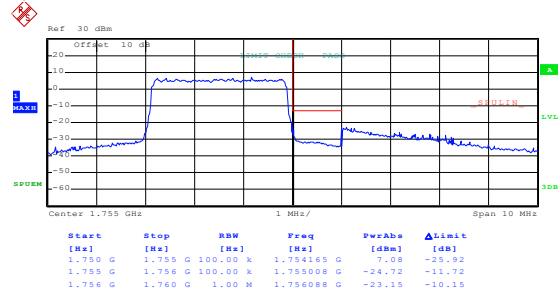
Highest channel

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



Date: 12.MAY.2016 21:34:08

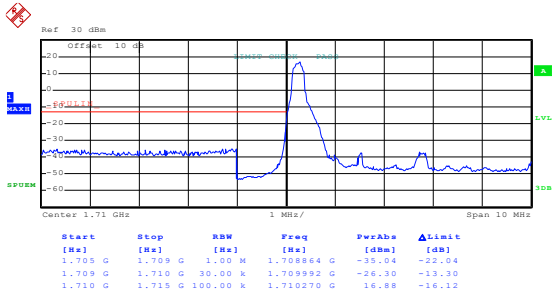
Lowest channel



Date: 12.MAY.2016 21:35:58

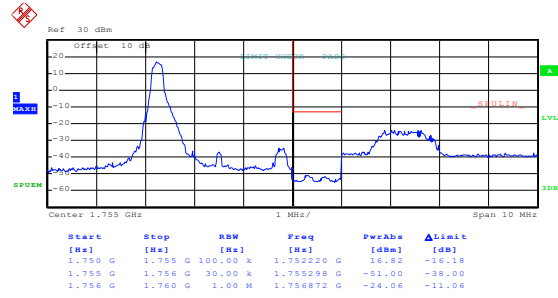
Highest channel

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



Date: 12.MAY.2016 21:32:06

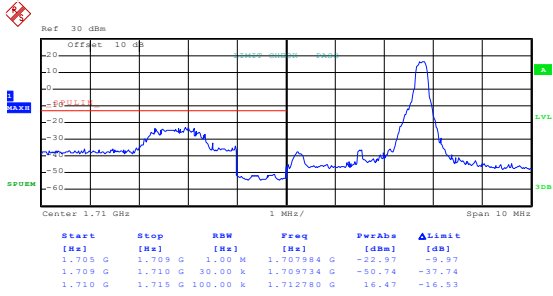
Lowest channel



Date: 12.MAY.2016 21:34:47

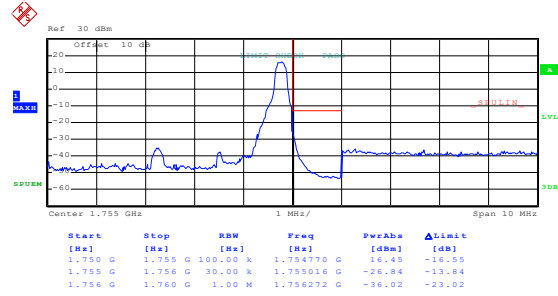
Highest channel

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



Date: 12.MAY.2016 21:33:17

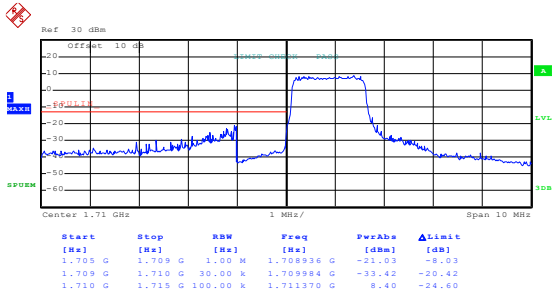
Lowest channel



Date: 12.MAY.2016 21:35:05

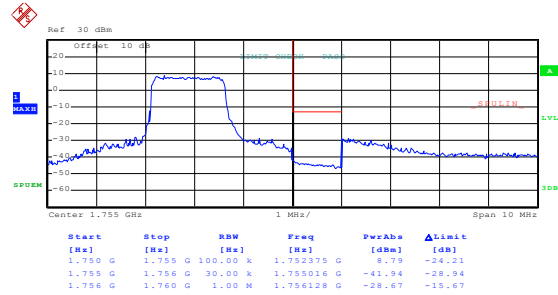
Highest channel

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



Date: 12.MAY.2016 21:33:35

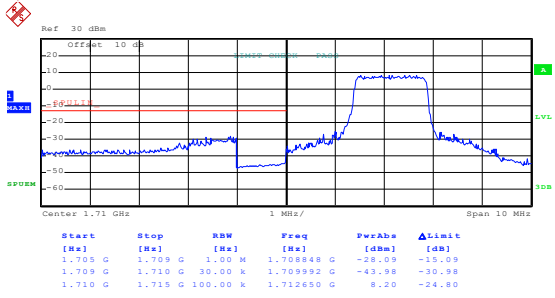
Lowest channel



Date: 12.MAY.2016 21:35:22

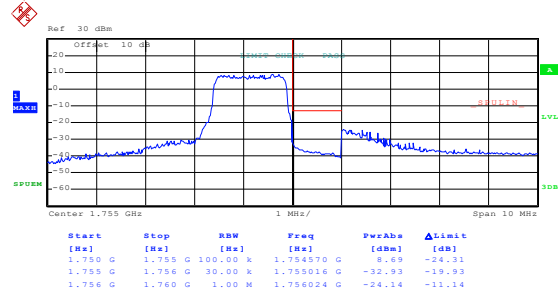
Highest channel

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



Date: 12.MAY.2016 21:33:53

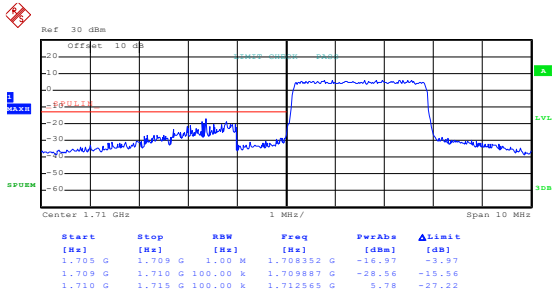
Lowest channel



Date: 12.MAY.2016 21:35:40

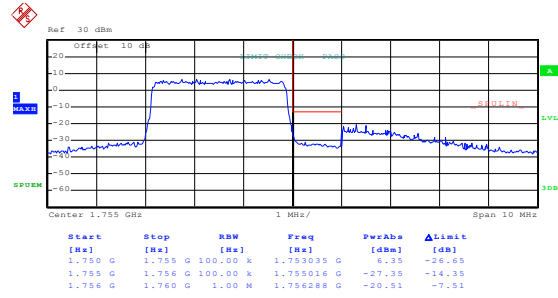
Highest channel

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



Date: 12.MAY.2016 21:34:16

Lowest channel

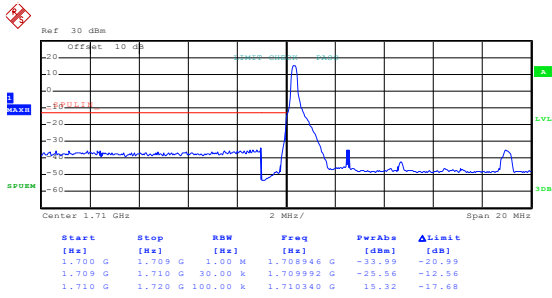


Date: 12.MAY.2016 21:36:05

Highest channel

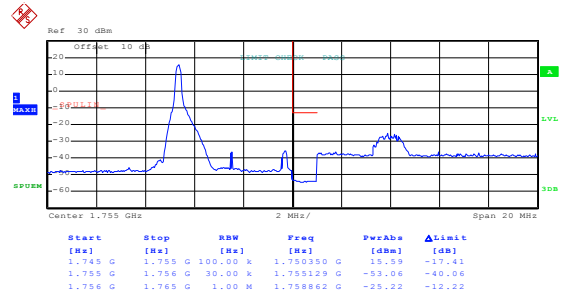
5MHz:

Test Mode: LTE band 4(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 21:36:43

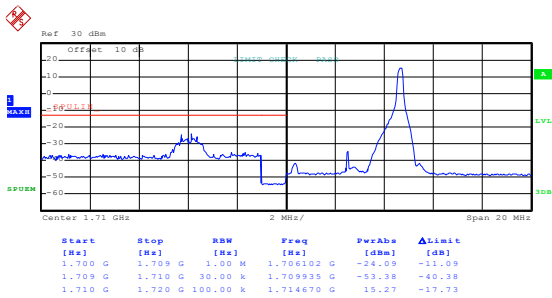
Lowest channel



Date: 12.MAY.2016 21:38:39

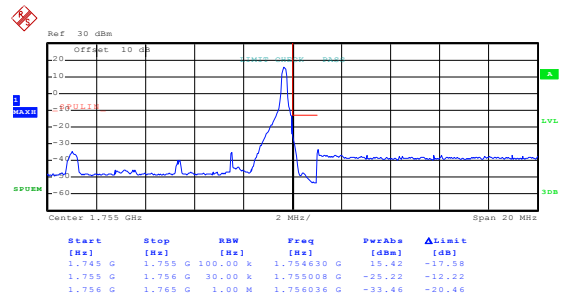
Highest channel

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



Date: 12.MAY.2016 21:37:01

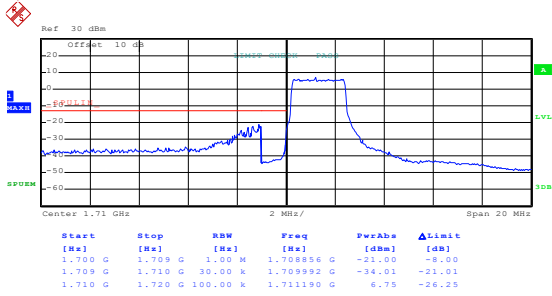
Lowest channel



Date: 12.MAY.2016 21:38:56

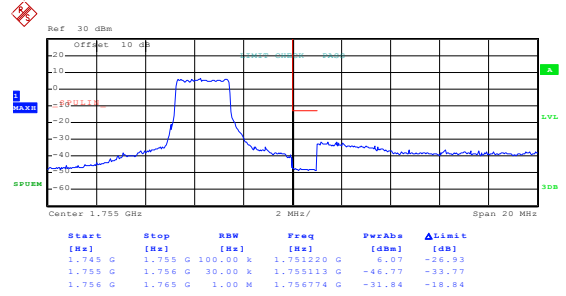
Highest channel

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



Date: 12.MAY.2016 21:37:22

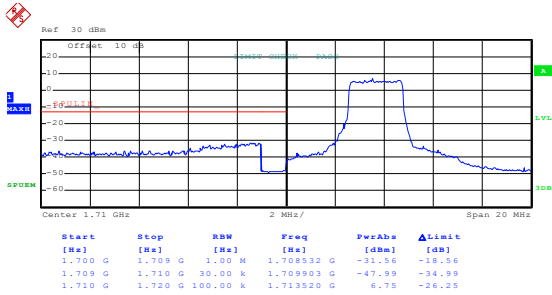
Lowest channel



Date: 12.MAY.2016 21:39:17

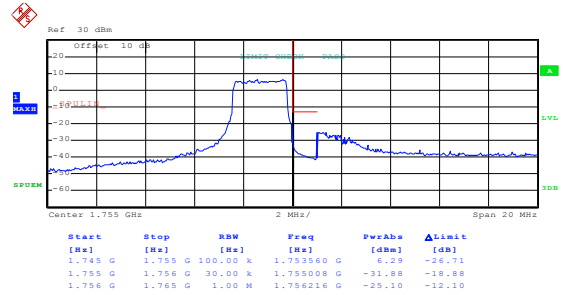
Highest channel

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



Date: 12.MAY.2016 21:37:41

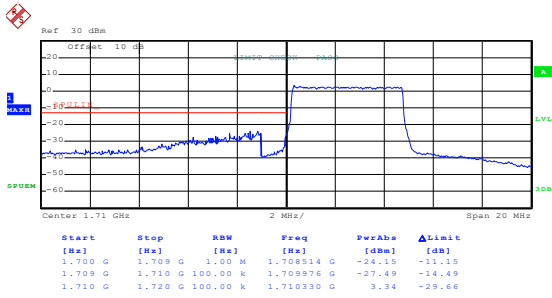
Lowest channel



Date: 12.MAY.2016 21:39:34

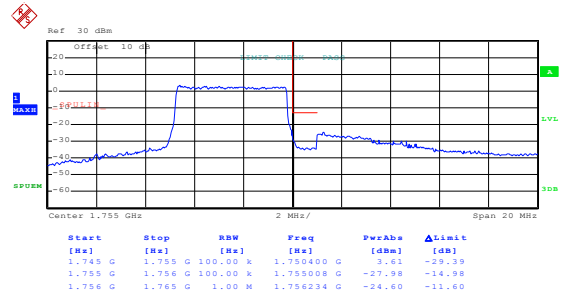
Highest channel

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



Date: 12.MAY.2016 21:38:11

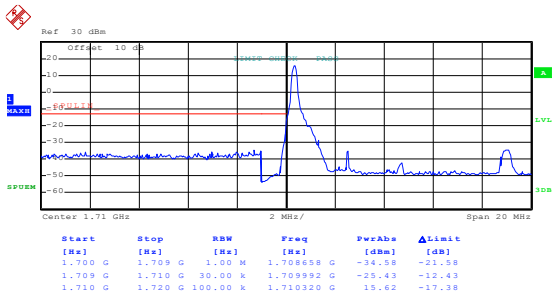
Lowest channel



Date: 12.MAY.2016 21:39:57

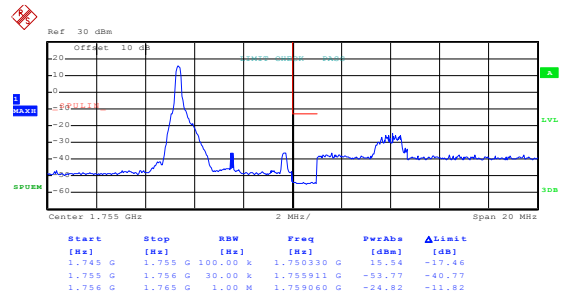
Highest channel

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



Date: 12.MAY.2016 21:36:50

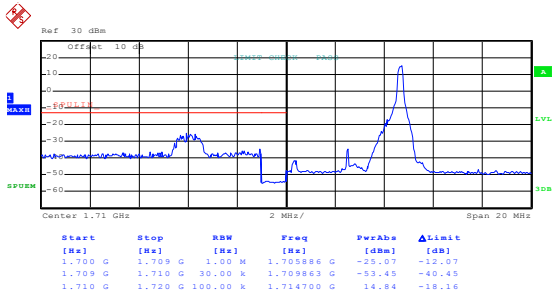
Lowest channel



Date: 12.MAY.2016 21:38:46

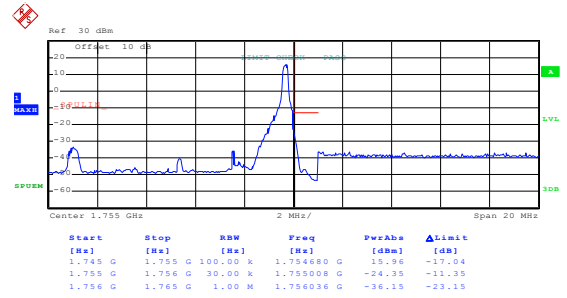
Highest channel

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



Date: 12.MAY.2016 21:37:08

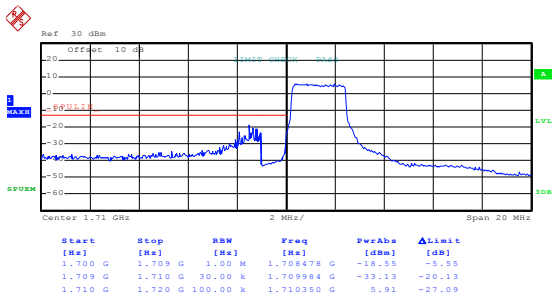
Lowest channel



Date: 12.MAY.2016 21:39:05

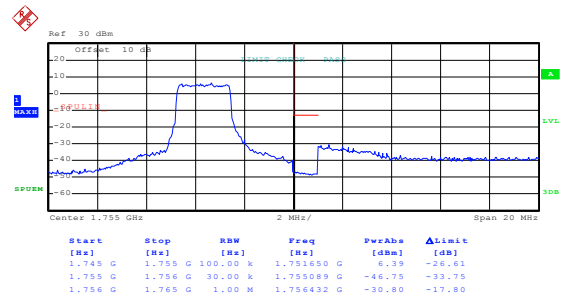
Highest channel

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



Date: 12.MAY.2016 21:37:31

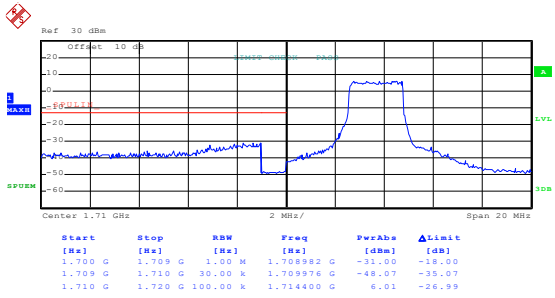
Lowest channel



Date: 12.MAY.2016 21:39:24

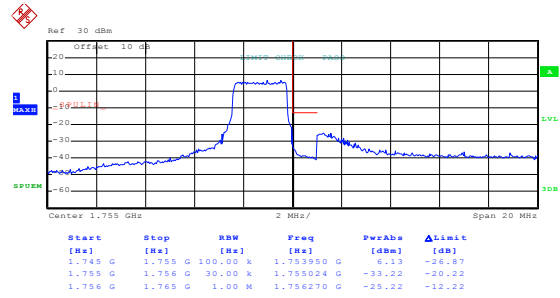
Highest channel

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



Date: 12.MAY.2016 21:37:48

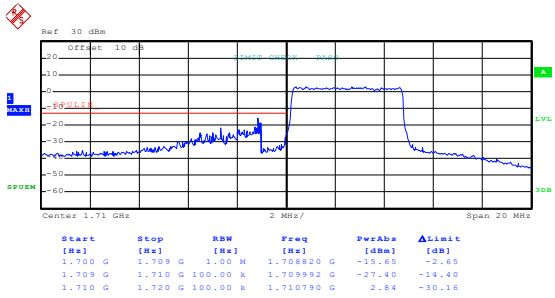
Lowest channel



Date: 12.MAY.2016 21:39:42

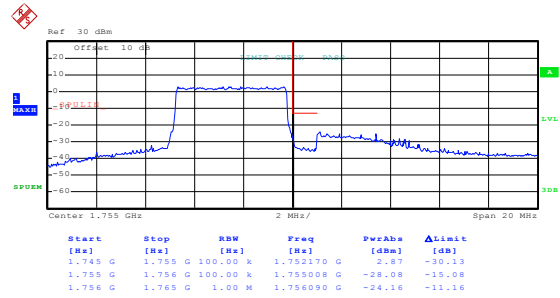
Highest channel

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



Date: 12.MAY.2016 21:38:18

Lowest channel

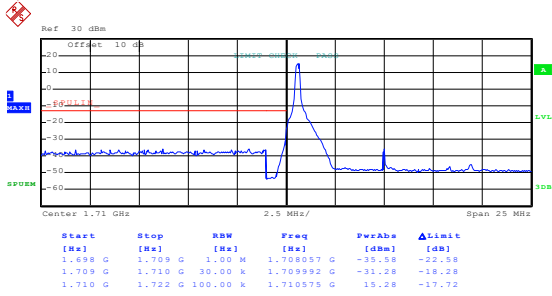


Date: 12.MAY.2016 21:40:03

Highest channel

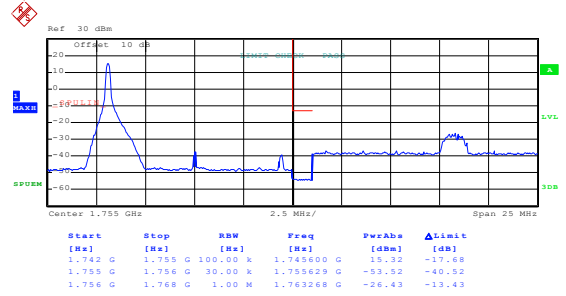
10MHz:

Test Mode: LTE band 4(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 21:45:55

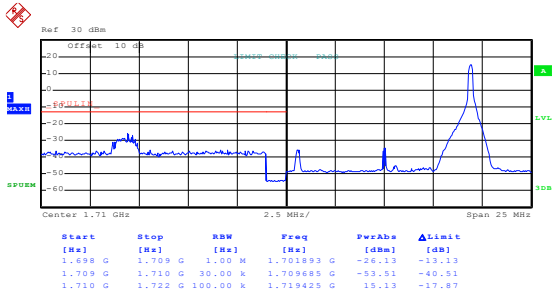
Lowest channel



Date: 12.MAY.2016 21:49:09

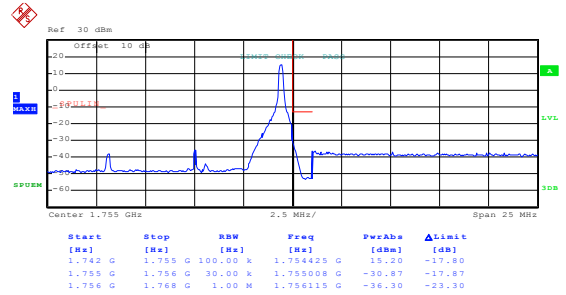
Highest channel

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



Date: 12.MAY.2016 21:46:20

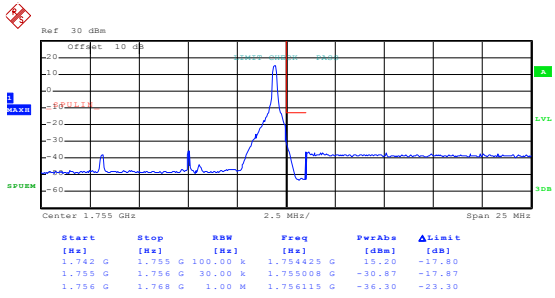
Lowest channel



Date: 12.MAY.2016 21:49:30

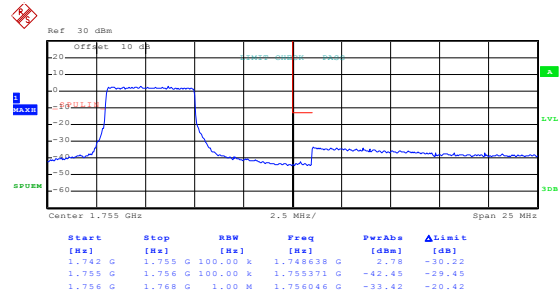
Highest channel

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



Date: 12.MAY.2016 21:49:30

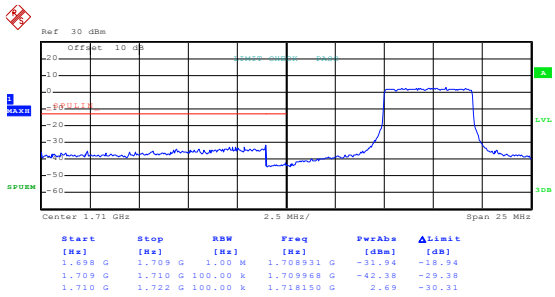
Lowest channel



Date: 12.MAY.2016 21:49:54

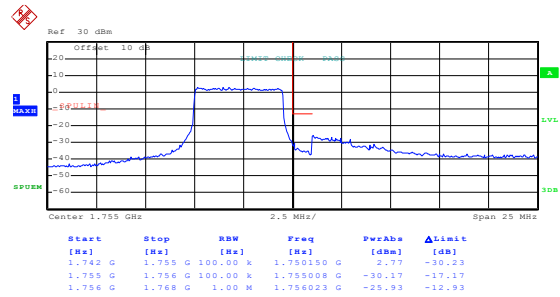
Highest channel

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



Date: 12.MAY.2016 21:47:13

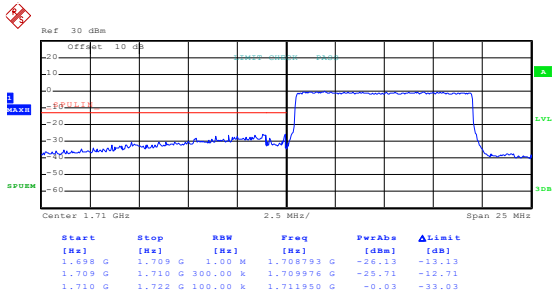
Lowest channel



Date: 12.MAY.2016 21:50:11

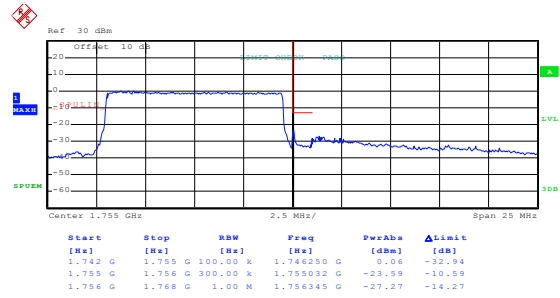
Highest channel

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



Date: 12.MAY.2016 21:47:42

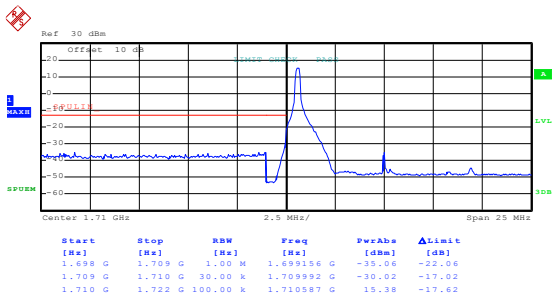
Lowest channel



Date: 12.MAY.2016 21:50:36

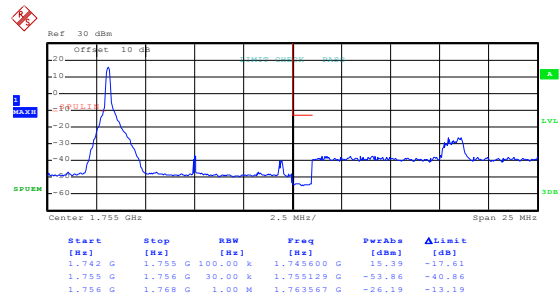
Highest channel

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



Date: 12.MAY.2016 21:46:10

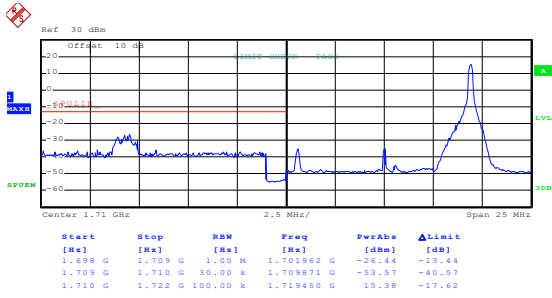
Lowest channel



Date: 12.MAY.2016 21:49:16

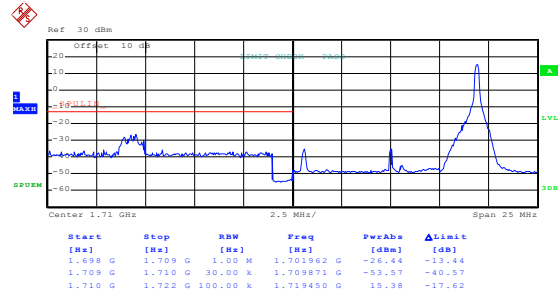
Highest channel

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



Date: 12.MAY.2016 21:46:28

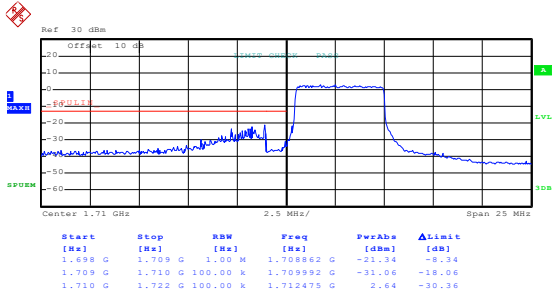
Lowest channel



Date: 12.MAY.2016 21:46:28

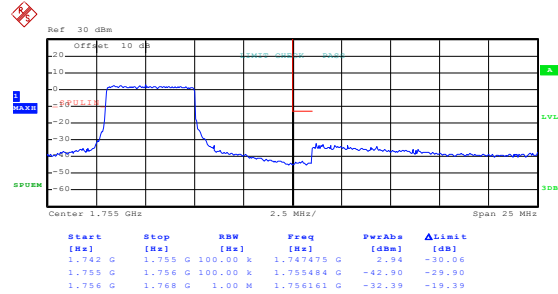
Highest channel

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



Date: 12.MAY.2016 21:47:01

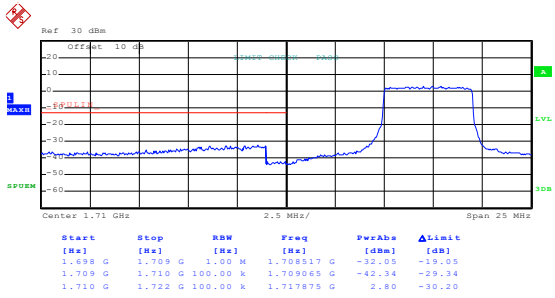
Lowest channel



Date: 12.MAY.2016 21:50:01

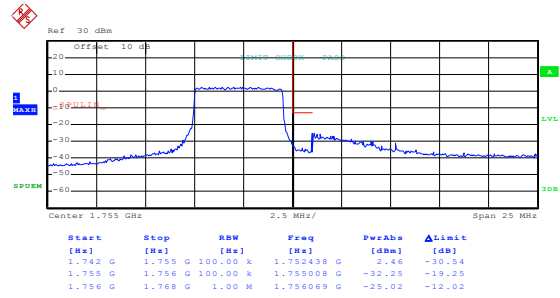
Highest channel

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



Date: 12.MAY.2016 21:47:25

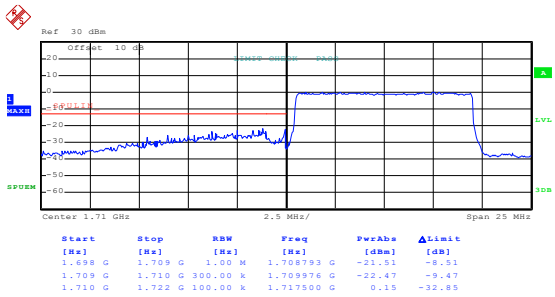
Lowest channel



Date: 12.MAY.2016 21:50:22

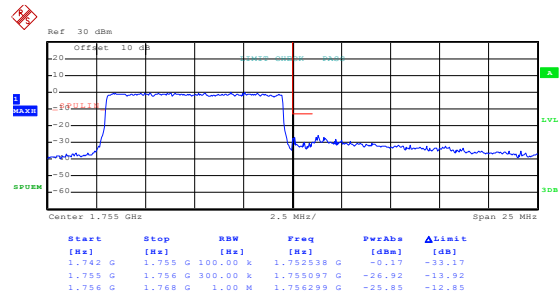
Highest channel

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



Date: 12.MAY.2016 21:47:57

Lowest channel

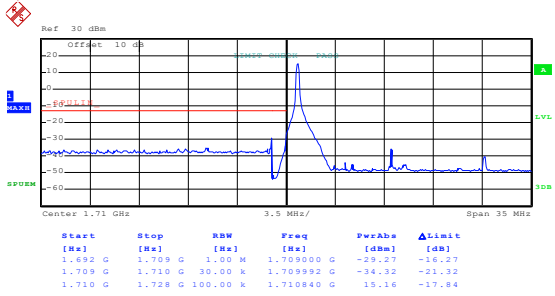


Date: 12.MAY.2016 21:50:43

Highest channel

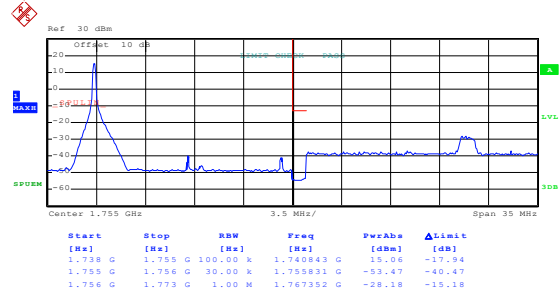
15MHz:

Test Mode: LTE band 4(QPSK RB Size 1 &RB Offset 0)



Date: 12.MAY.2016 21:51:23

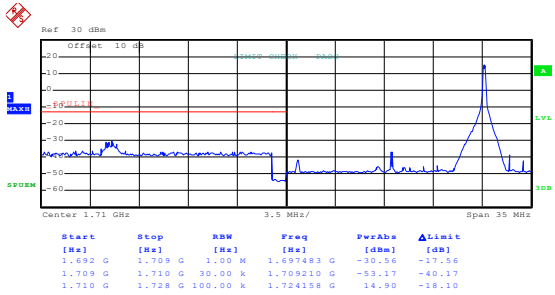
Lowest channel



Date: 12.MAY.2016 21:53:38

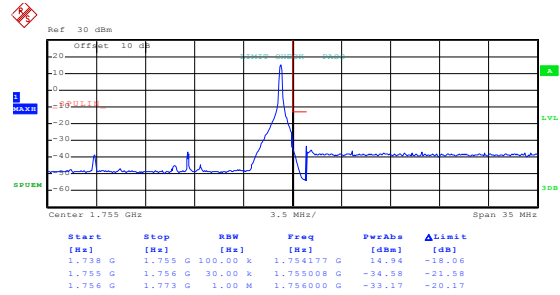
Highest channel

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



Date: 12.MAY.2016 21:51:42

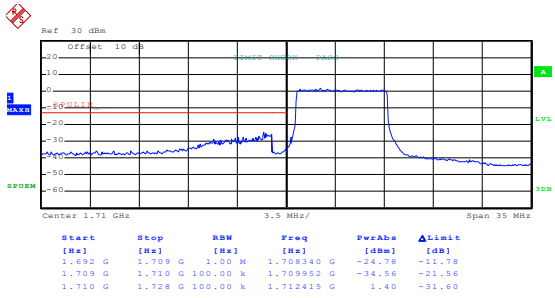
Lowest channel



Date: 12.MAY.2016 21:53:59

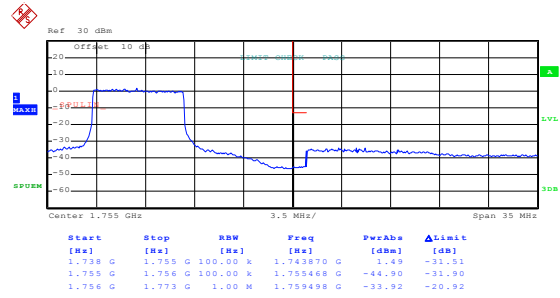
Highest channel

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



Date: 12.MAY.2016 21:52:14

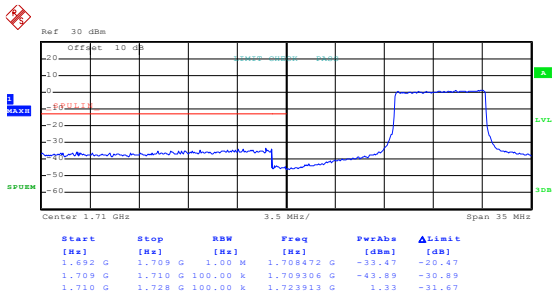
Lowest channel



Date: 12.MAY.2016 21:54:22

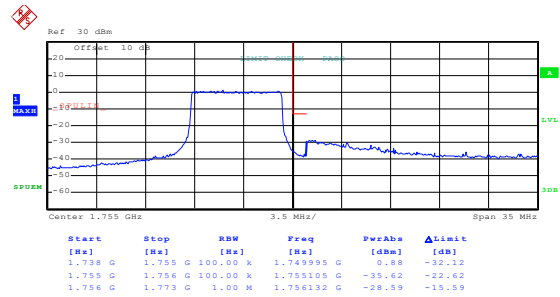
Highest channel

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



Date: 12.MAY.2016 21:52:46

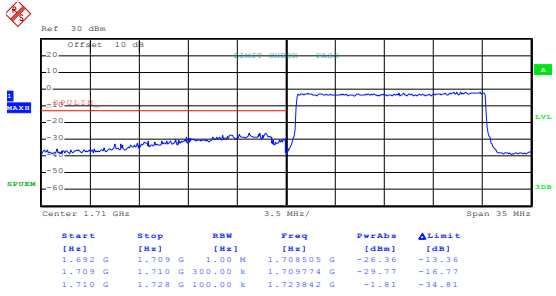
Lowest channel



Date: 12.MAY.2016 21:54:40

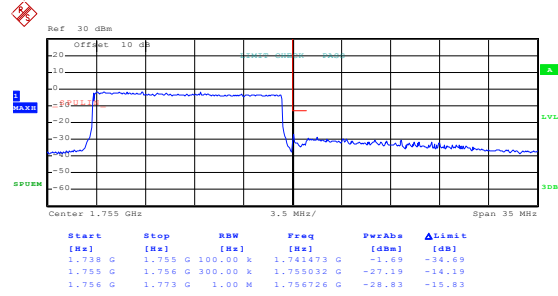
Highest channel

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



Date: 12.MAY.2016 21:53:09

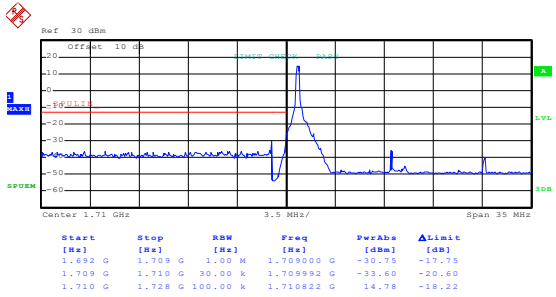
Lowest channel



Date: 12.MAY.2016 21:55:49

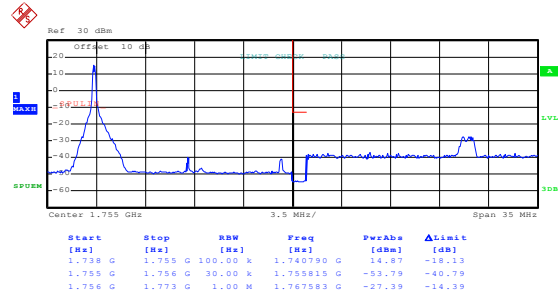
Highest channel

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



Date: 12.MAY.2016 21:51:30

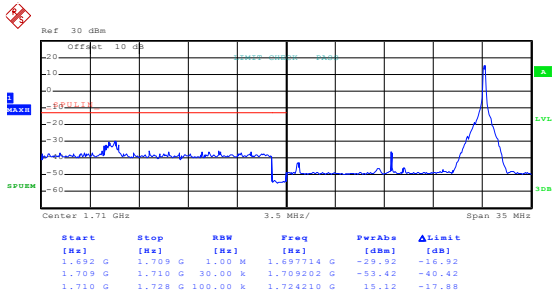
Lowest channel



Date: 12.MAY.2016 21:53:46

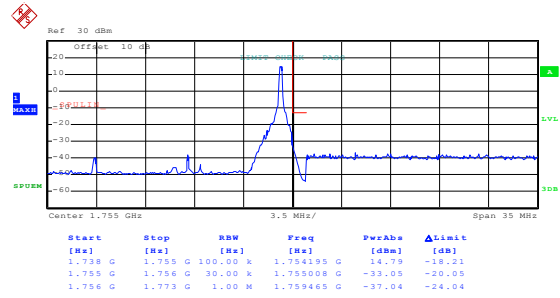
Highest channel

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



Date: 12.MAY.2016 21:51:49

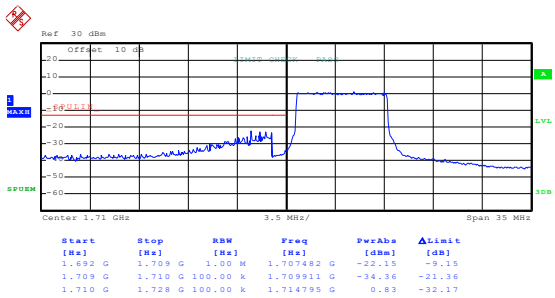
Lowest channel



Date: 12.MAY.2016 21:54:06

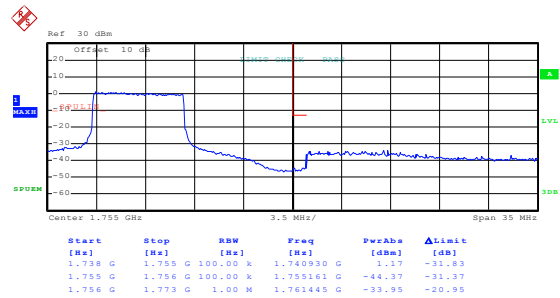
Highest channel

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



Date: 12.MAY.2016 21:52:27

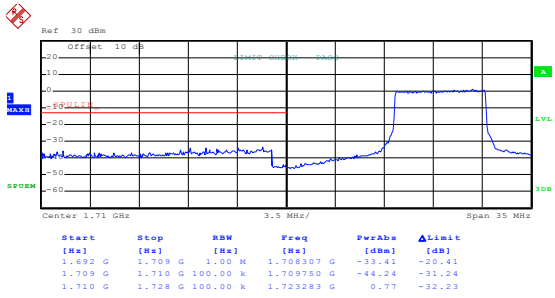
Lowest channel



Date: 12.MAY.2016 21:54:29

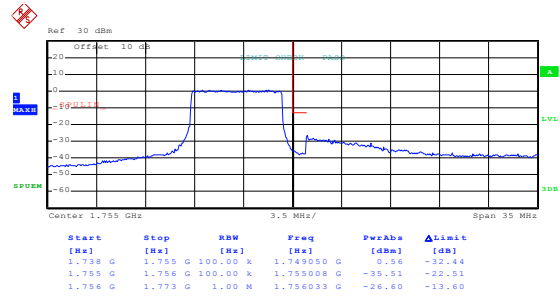
Highest channel

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



Date: 12.MAY.2016 21:52:55

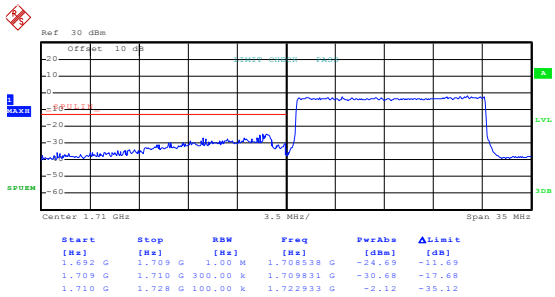
Lowest channel



Date: 12.MAY.2016 21:54:49

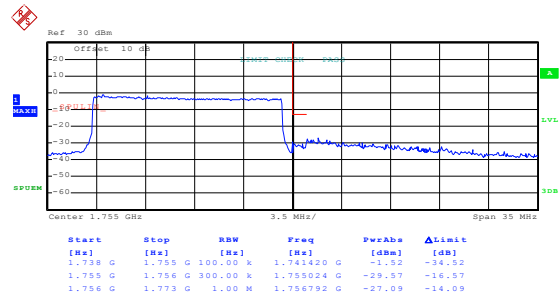
Highest channel

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



Date: 12.MAY.2016 21:53:15

Lowest channel

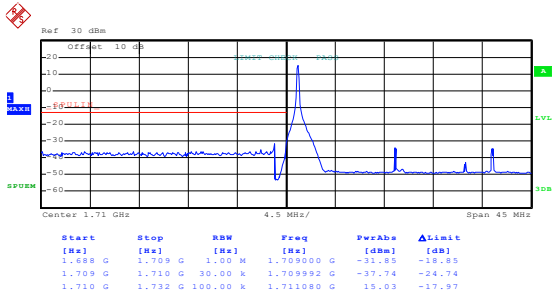


Date: 12.MAY.2016 21:55:56

Highest channel

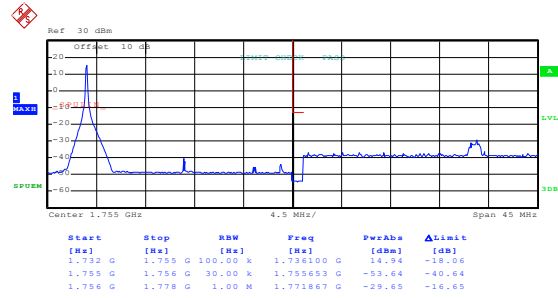
20MHz:

Test Mode:	LTE band 4(QPSK RB Size 1 &RB Offset 0)
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Date: 12.MAY.2016 21:58:31

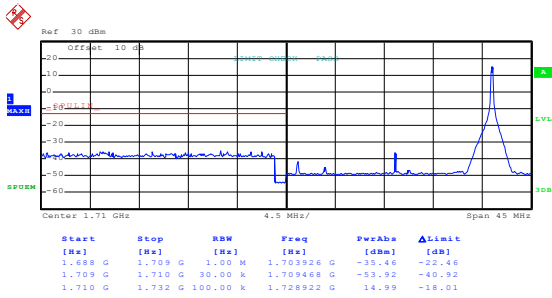
Lowest channel



Date: 12.MAY.2016 22:04:21

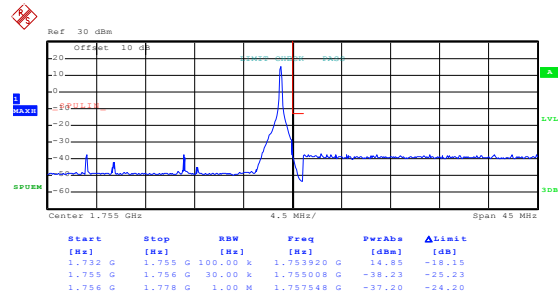
Highest channel

Test Mode:	LTE band 4(QPSK RB Size 1 &RB Offset 99)
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Date: 12.MAY.2016 22:02:28

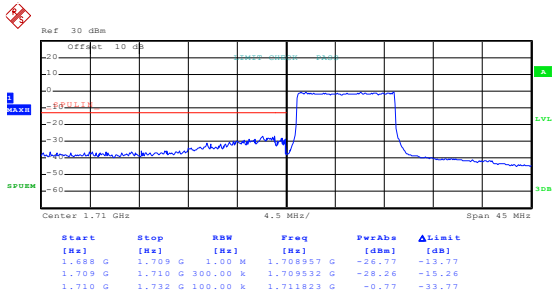
Lowest channel



Date: 12.MAY.2016 22:04:39

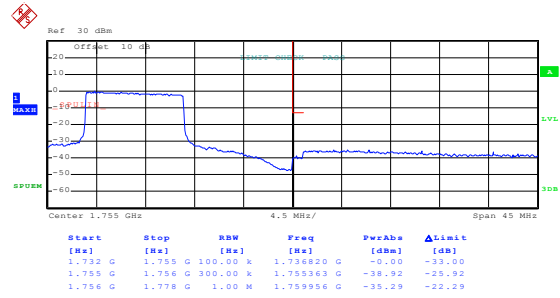
Highest channel

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



Date: 12.MAY.2016 22:02:52

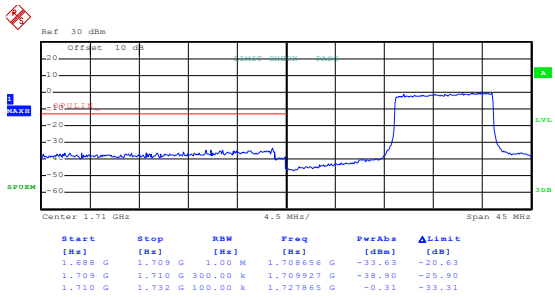
Lowest channel



Date: 12.MAY.2016 22:05:09

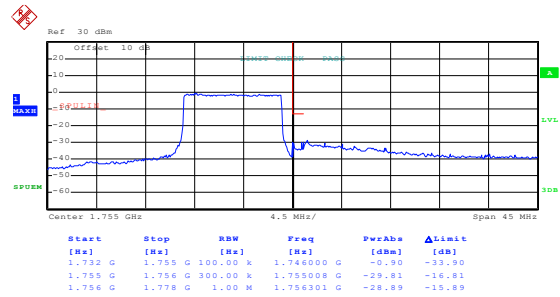
Highest channel

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



Date: 12.MAY.2016 22:03:13

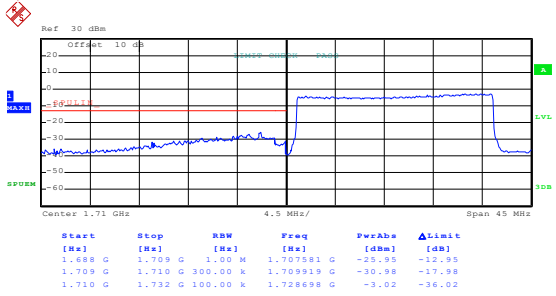
Lowest channel



Date: 12.MAY.2016 22:05:31

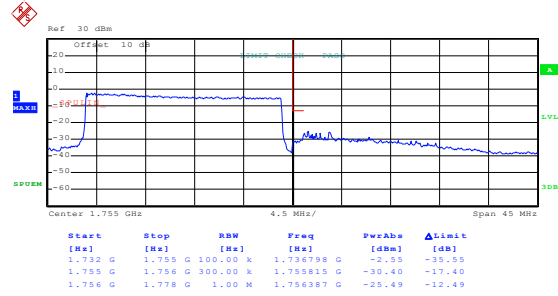
Highest channel

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



Date: 12.MAY.2016 22:03:38

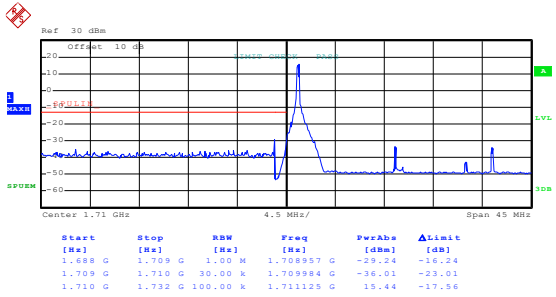
Lowest channel



Date: 12.MAY.2016 22:05:49

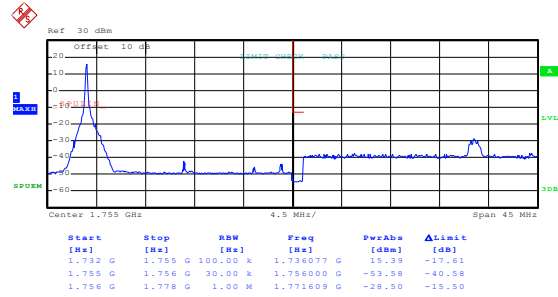
Highest channel

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



Date: 12.MAY.2016 22:02:12

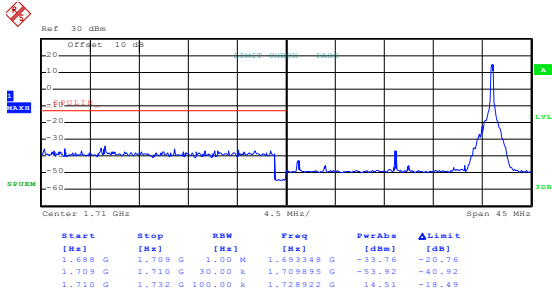
Lowest channel



Date: 12.MAY.2016 22:04:29

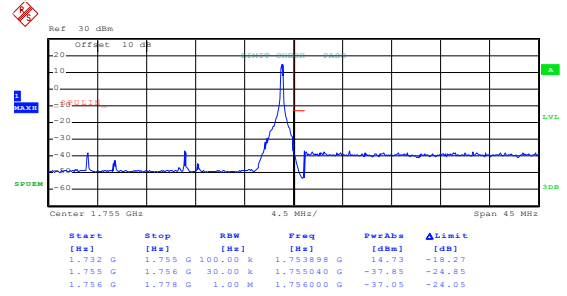
Highest channel

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



Date: 12.MAY.2016 22:02:36

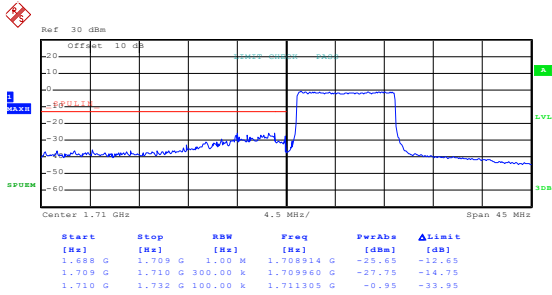
Lowest channel



Date: 12.MAY.2016 22:04:47

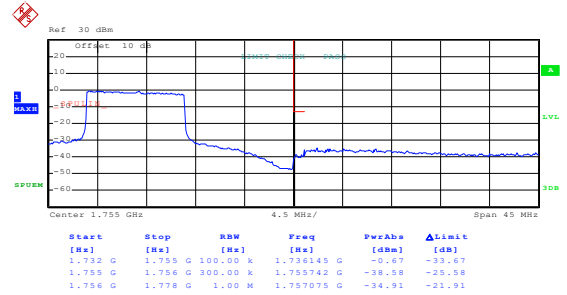
Highest channel

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



Date: 12.MAY.2016 22:03:01

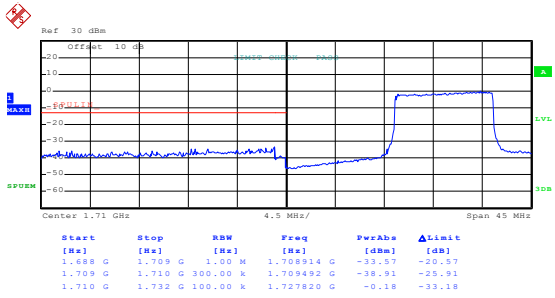
Lowest channel



Date: 12.MAY.2016 22:05:21

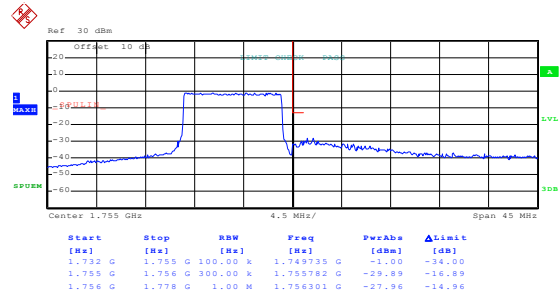
Highest channel

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



Date: 12.MAY.2016 22:03:26

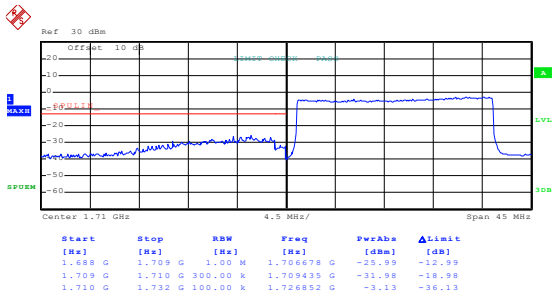
Lowest channel



Date: 12.MAY.2016 22:05:39

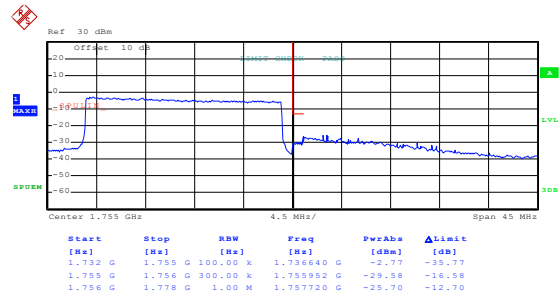
Highest channel

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



Date: 12.MAY.2016 22:03:47

Lowest channel

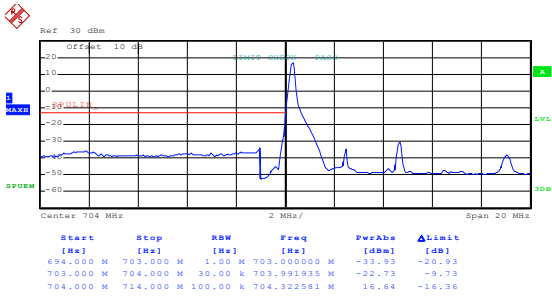


Date: 12.MAY.2016 22:05:56

Highest channel

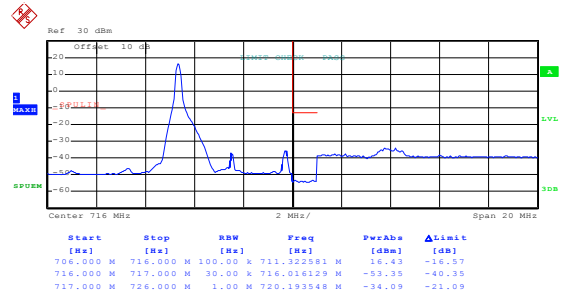
LTE band 17 part: 5MHz:

Test Mode:	LTE band 17(QPSK RB Size 1 &RB Offset 0)
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Date: 12.MAY.2016 20:24:56

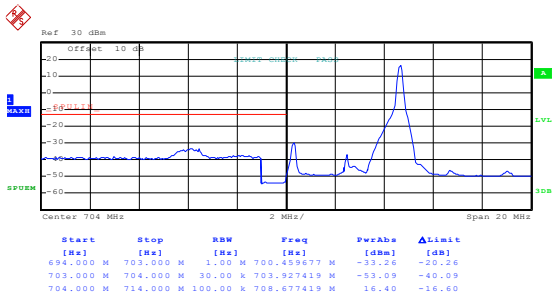
Lowest channel



Date: 12.MAY.2016 20:27:53

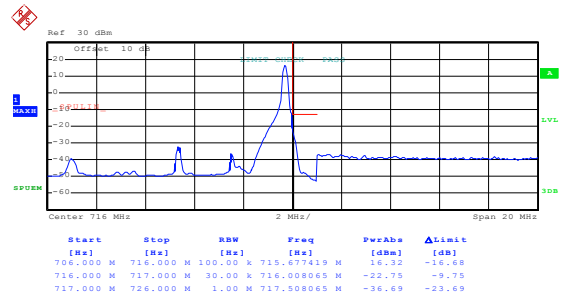
Highest channel

Test Mode:	LTE band 17(QPSK RB Size 1 &RB Offset 24)
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Date: 12.MAY.2016 20:26:05

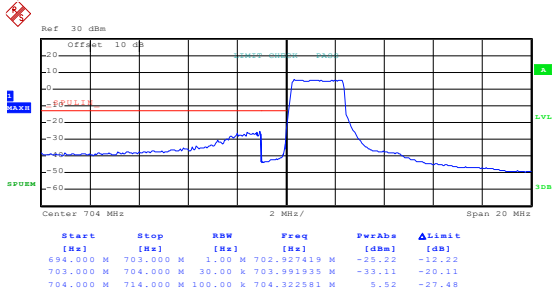
Lowest channel



Date: 12.MAY.2016 20:28:11

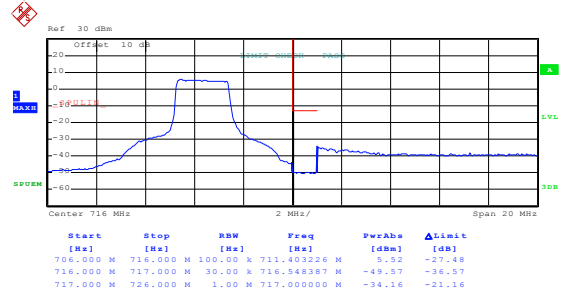
Highest channel

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



Date: 12.MAY.2016 20:26:31

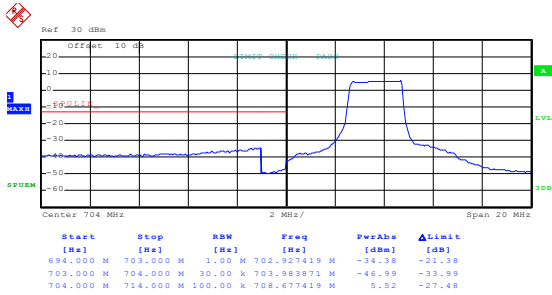
Lowest channel



Date: 12.MAY.2016 20:28:31

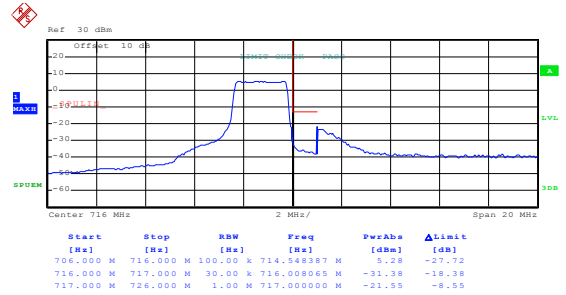
Highest channel

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



Date: 12.MAY.2016 20:26:55

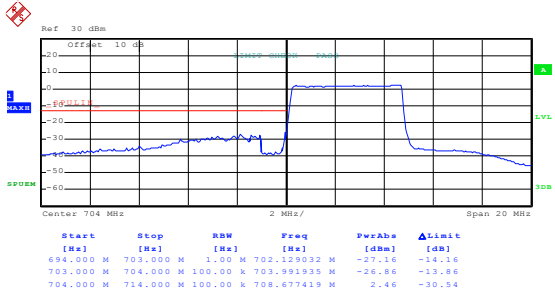
Lowest channel



Date: 12.MAY.2016 20:28:48

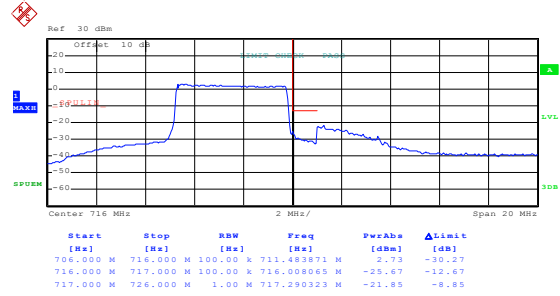
Highest channel

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



Date: 12.MAY.2016 20:27:23

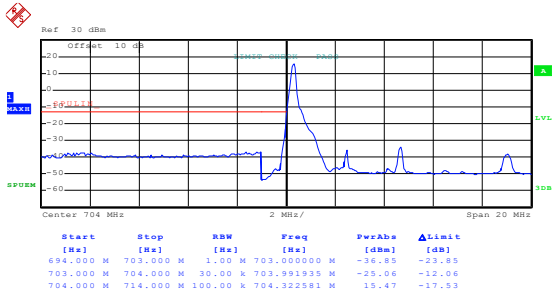
Lowest channel



Date: 12.MAY.2016 20:29:15

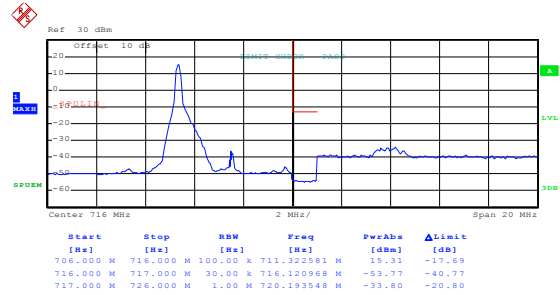
Highest channel

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



Date: 12.MAY.2016 20:25:51

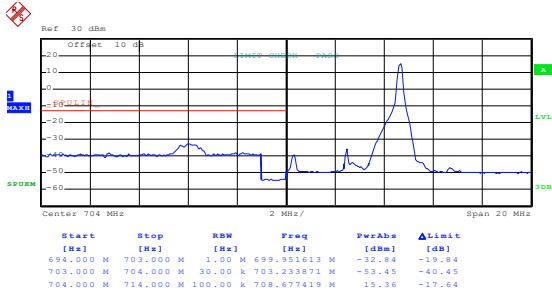
Lowest channel



Date: 12.MAY.2016 20:28:00

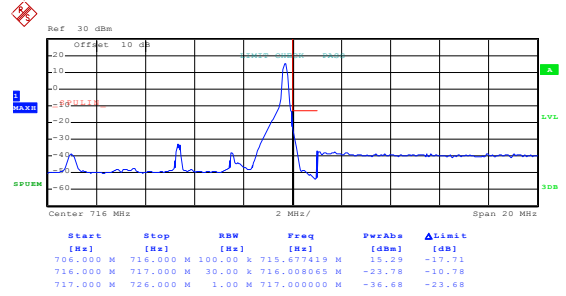
Highest channel

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



Date: 12.MAY.2016 20:26:13

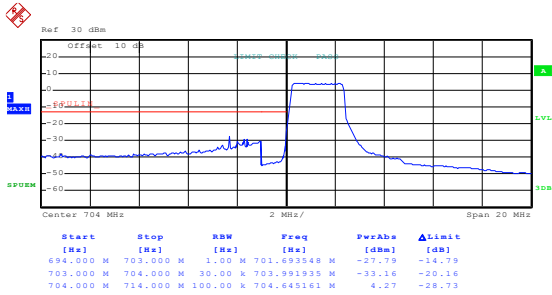
Lowest channel



Date: 12.MAY.2016 20:28:20

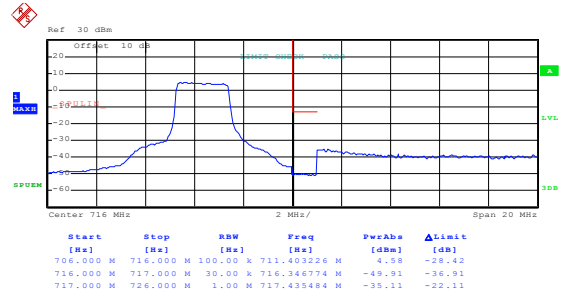
Highest channel

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



Date: 12.MAY.2016 20:26:38

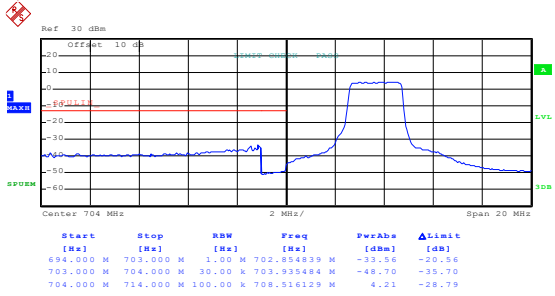
Lowest channel



Date: 12.MAY.2016 20:28:38

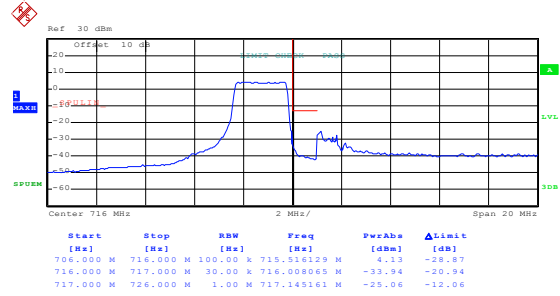
Highest channel

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



Date: 12.MAY.2016 20:27:03

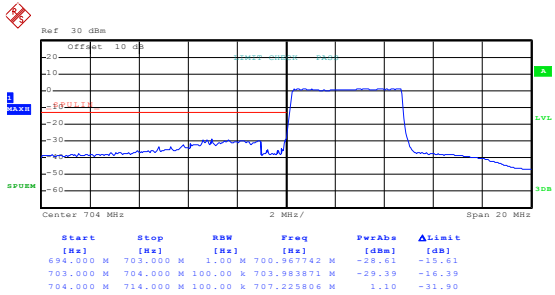
Lowest channel



Date: 12.MAY.2016 20:28:56

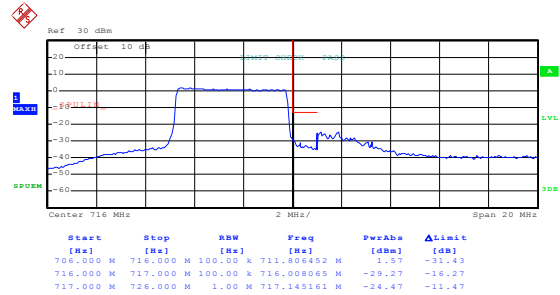
Highest channel

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



Date: 12.MAY.2016 20:27:31

Lowest channel

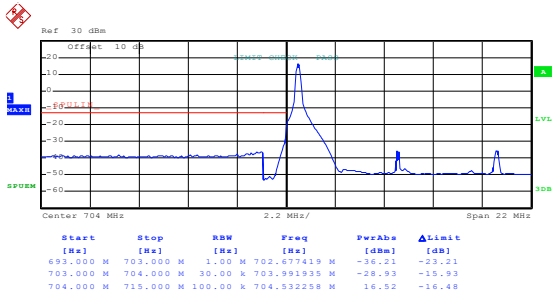


Date: 12.MAY.2016 20:29:21

Highest channel

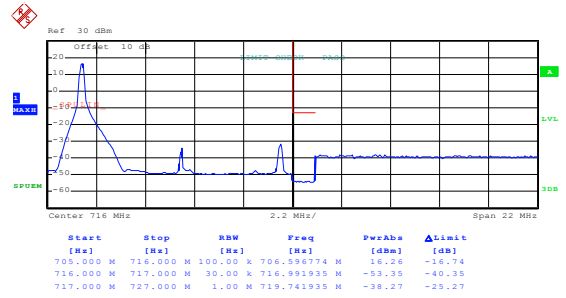
10MHz:

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



Date: 12.MAY.2016 20:30:15

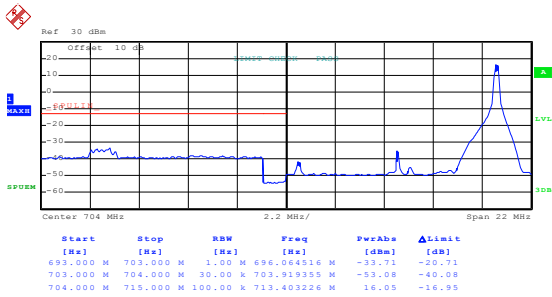
Lowest channel



Date: 12.MAY.2016 20:30:18

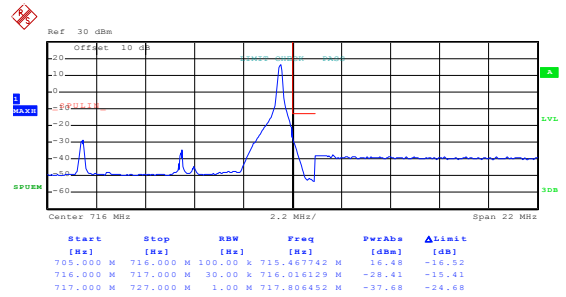
Highest channel

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



Date: 12.MAY.2016 20:30:35

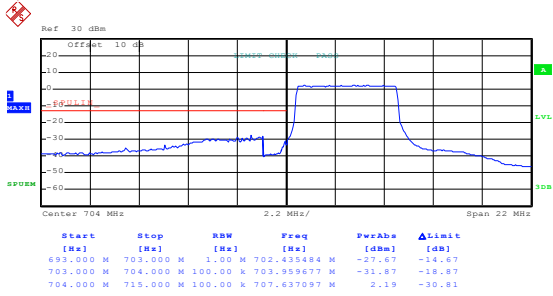
Lowest channel



Date: 12.MAY.2016 20:30:36

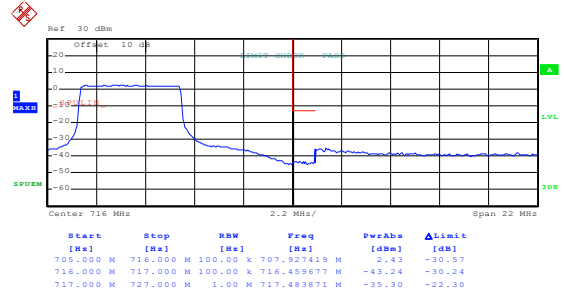
Highest channel

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



Date: 12.MAY.2016 20:30:58

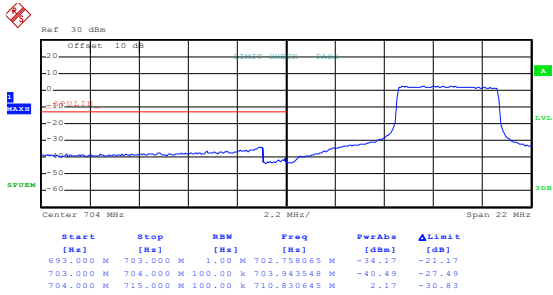
Lowest channel



Date: 12.MAY.2016 20:33:04

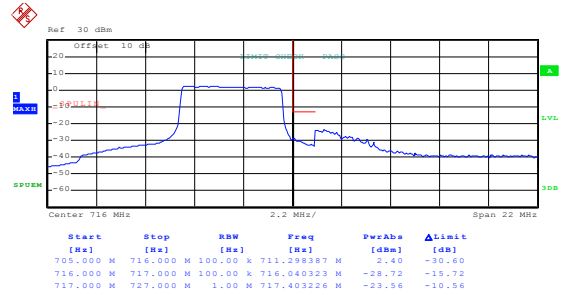
Highest channel

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



Date: 12.MAY.2016 20:31:17

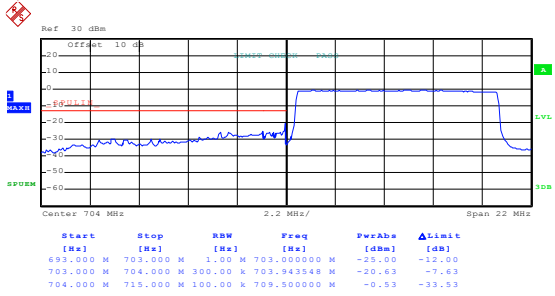
Lowest channel



Date: 12.MAY.2016 20:33:21

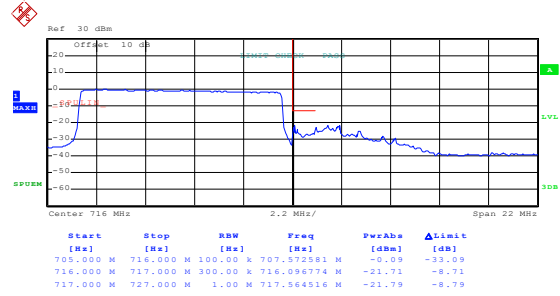
Highest channel

Test Mode: LTE band 17(QPSK RB Size 50 &RB Offset 0)



Date: 12.MAY.2016 20:31:48

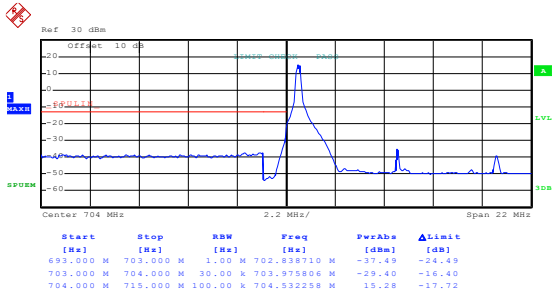
Lowest channel



Date: 12.MAY.2016 20:33:46

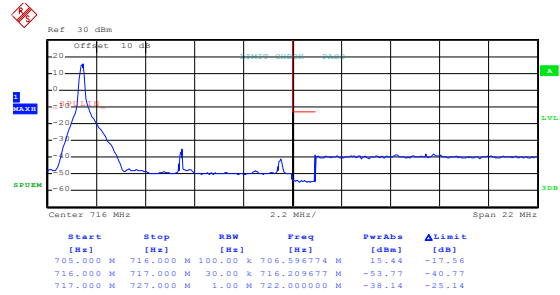
Highest channel

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



Date: 12.MAY.2016 20:30:25

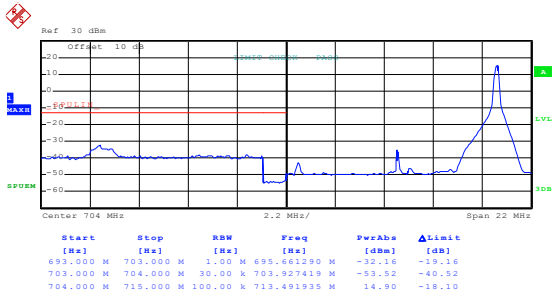
Lowest channel



Date: 12.MAY.2016 20:32:27

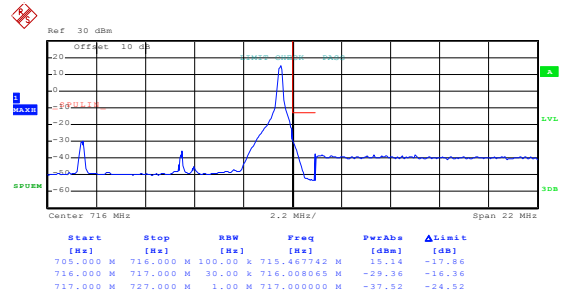
Highest channel

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



Date: 12.MAY.2016 20:30:42

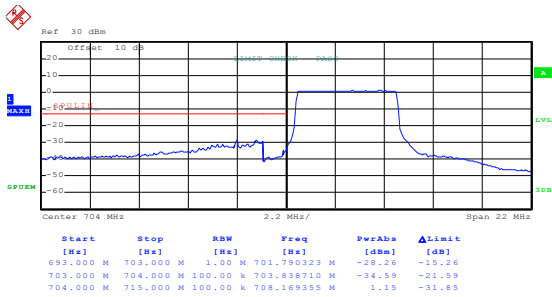
Lowest channel



Date: 12.MAY.2016 20:32:45

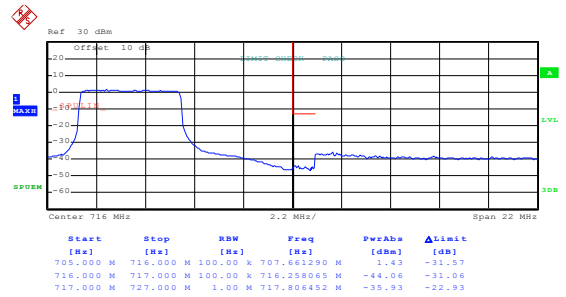
Highest channel

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



Date: 12.MAY.2016 20:31:05

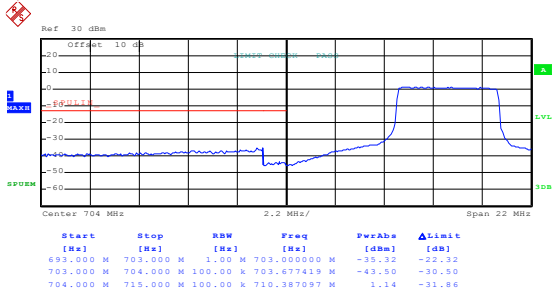
Lowest channel



Date: 12.MAY.2016 20:33:11

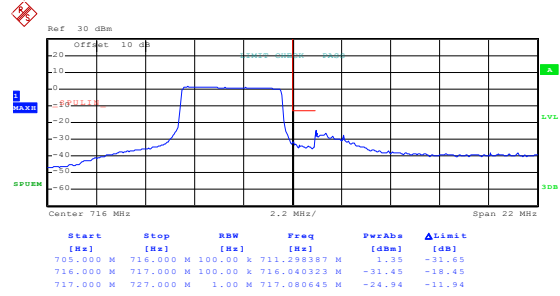
Highest channel

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



Date: 12.MAY.2016 20:31:27

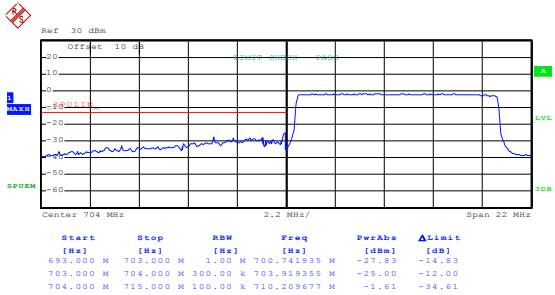
Lowest channel



Date: 12.MAY.2016 20:33:30

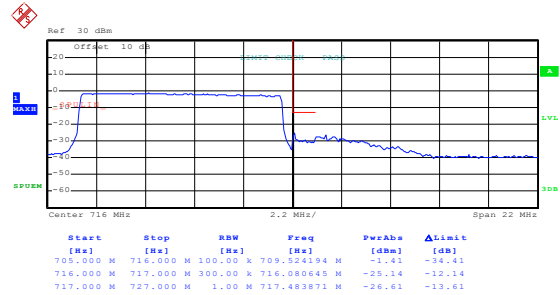
Highest channel

Test Mode: LTE band 17(16QAM RB Size 50 &RB Offset 0)



Date: 12.MAY.2016 20:31:55

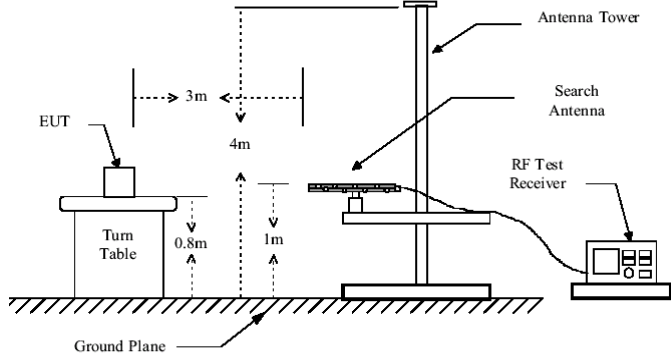
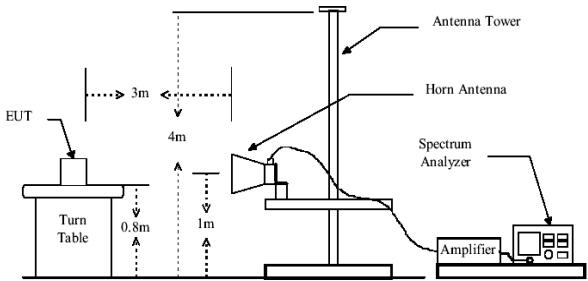
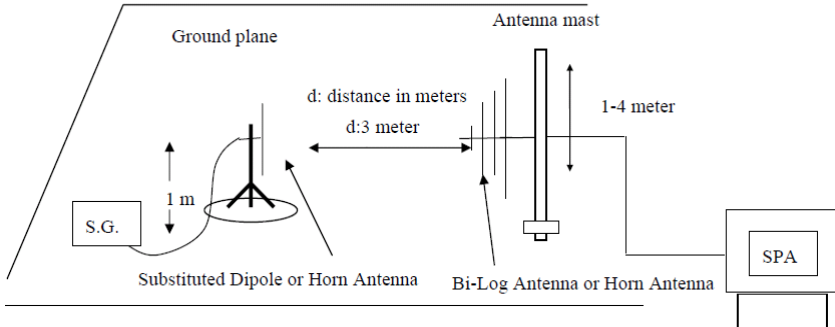
Lowest channel



Date: 12.MAY.2016 20:33:53

Highest channel

6.10 ERP, EIRP Measurement

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

<p>Test Procedure:</p>	<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. ERP in frequency band below 1GHz were measured using a substitution method. The EUT was replaced by dipole antenna connected, the S.G. output was recorded and ERP was calculated as follows: $\text{ERP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBd)} - \text{Cable Loss (dB)}$ 4. EIRP in frequency band above 1GHz were measured using a substitution method. The EUT was replaced by or horn antenna connected, the S.G. output was recorded and EIRP was calculated as follows: $\text{EIRP} = \text{S.G. output (dBm)} + \text{Antenna Gain (dBi)} - \text{Cable Loss (dB)}$ 5. The worse case was relating to the conducted output power.
<p>Test Instruments:</p>	<p>Refer to section 5.8 for details</p>
<p>Test mode:</p>	<p>Refer to section 5.3 for details</p>
<p>Test results:</p>	<p>Passed</p>

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	24.64	33.00	Pass
					H	21.39		
1850.70	18607	16QAM	1.4	H	V	24.89		
					H	21.26		
1.4MHz(RB size 3 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	25.25	33.00	Pass
					H	21.80		
1850.70	18607	16QAM	1.4	H	V	25.25		
					H	21.17		
1.4MHz(RB size 6 & RB offset 0)								
1850.70	18607	QPSK	1.4	H	V	23.77	33.00	Pass
					H	20.41		
1850.70	18607	16QAM	1.4	H	V	24.23		
					H	20.10		

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	24.18	33.00	Pass
					H	21.85		
1880.00	18900	16QAM	1.4	H	V	24.50		
					H	21.07		
1.4MHz(RB size 3 & RB offset 0)								
1880.00	18900	QPSK	1.4	H	V	25.70	33.00	Pass
					H	21.09		
1880.00	18900	16QAM	1.4	H	V	25.92		
					H	21.22		
1.4MHz(RB size 6 & RB offset 0)								
1880.00	18900	QPSK	1.40	H	V	23.28	33.00	Pass
					H	20.85		
1880.00	18900	16QAM	1.40	H	V	24.53		
					H	20.37		

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	24.55	33.00	Pass
					H	21.52		
1909.30	19193	16QAM	1.4	H	V	24.21		
					H	21.03		
1.4MHz(RB size 3 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	25.39	33.00	Pass
					H	21.93		
1909.30	19193	16QAM	1.4	H	V	25.30		
					H	21.01		
1.4MHz(RB size 6 & RB offset 0)								
1909.30	19193	QPSK	1.4	H	V	23.37	33.00	Pass
					H	20.72		
1909.30	19193	16QAM	1.4	H	V	24.29		
					H	20.91		

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	24.92	33.00	Pass
					H	21.69		
1860.00	18700	16QAM	20	H	V	25.52		
					H	21.62		
20MHz(RB size 50 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	24.24	33.00	Pass
					H	21.01		
1860.00	18700	16QAM	20	H	V	24.91		
					H	21.33		
20MHz(RB size 100 & RB offset 0)								
1860.00	18700	QPSK	20	H	V	21.36	33.00	Pass
					H	18.17		
1860.00	18700	16QAM	20	H	V	23.15		
					H	19.32		

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	24.54	33.00	Pass
					H	21.69		
1880.00	18900	16QAM	20	H	V	25.63		
					H	21.37		
20MHz(RB size 50 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	24.31	33.00	Pass
					H	21.10		
1880.00	18900	16QAM	20	H	V	24.03		
					H	21.39		
20MHz(RB size 100 & RB offset 0)								
1880.00	18900	QPSK	20	H	V	21.93	33.00	Pass
					H	18.32		
1880.00	18900	16QAM	20	H	V	23.39		
					H	19.91		

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	24.15	33.00	Pass
					H	21.55		
1900.00	19100	16QAM	20	H	V	25.54		
					H	21.47		
20MHz(RB size 50 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	24.34	33.00	Pass
					H	21.46		
1900.00	19100	16QAM	20	H	V	24.63		
					H	21.32		
20MHz(RB size 100 & RB offset 0)								
1900.00	19100	QPSK	20	H	V	21.22	33.00	Pass
					H	18.26		
1900.00	19100	16QAM	20	H	V	23.60		
					H	19.04		

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	25.15	30.00	Pass
					H	16.24		
1710.70	19957	16QAM	1.4	H	V	25.60		
					H	16.56		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.66	30.00	Pass
					H	16.26		
1710.70	19957	16QAM	1.4	H	V	25.35		
					H	15.97		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	23.78	30.00	Pass
					H	15.26		
1710.70	19957	16QAM	1.4	H	V	24.92		
					H	15.90		

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)								
1710.70	19957	QPSK	1.4	H	V	25.17	30.00	Pass
					H	16.71		
1710.70	19957	16QAM	1.4	H	V	25.06		
					H	16.69		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.91	30.00	Pass
					H	16.12		
1710.70	19957	16QAM	1.4	H	V	25.26		
					H	15.67		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	23.71	30.00	Pass
					H	15.13		
1710.70	19957	16QAM	1.4	H	V	24.37		
					H	15.34		

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)								
1710.70	19957	QPSK	1.4	H	V	25.15	30.00	Pass
					H	16.59		
1710.70	19957	16QAM	1.4	H	V	25.03		
					H	16.39		
1.4MHz(RB size 3 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	24.93	30.00	Pass
					H	16.30		
1710.70	19957	16QAM	1.4	H	V	25.01		
					H	15.13		
1.4MHz(RB size 6 & RB offset 0)								
1710.70	19957	QPSK	1.4	H	V	23.37	30.00	Pass
					H	15.77		
1710.70	19957	16QAM	1.4	H	V	24.71		
					H	15.34		

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	25.21	30.00	Pass
					H	16.59		
1720.00	20050	16QAM	20	H	V	25.81		
					H	16.59		
20MHz(RB size 50 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	25.15	30.00	Pass
					H	16.65		
1720.00	20050	16QAM	20	H	V	26.30		
					H	17.05		
20MHz(RB size 100 & RB offset 0)								
1720.00	20050	QPSK	20	H	V	23.13	30.00	Pass
					H	14.55		
1720.00	20050	16QAM	20	H	V	24.72		
					H	15.24		

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	25.70	30.00	Pass
					H	16.04		
1732.50	20175	16QAM	20	H	V	25.45		
					H	16.53		
20MHz(RB size 50 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	25.32	30.00	Pass
					H	16.21		
1732.50	20175	16QAM	20	H	V	26.08		
					H	17.82		
20MHz(RB size 100 & RB offset 0)								
1732.50	20175	QPSK	20	H	V	23.42	30.00	Pass
					H	14.20		
1732.50	20175	16QAM	20	H	V	24.23		
					H	15.92		

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	25.26	30.00	Pass
					H	16.72		
1745.00	20300	16QAM	20	H	V	25.17		
					H	16.61		
20MHz(RB size 50 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	25.27	30.00	Pass
					H	16.39		
1745.00	20300	16QAM	20	H	V	26.77		
					H	17.13		
20MHz(RB size 100 & RB offset 0)								
1745.00	20300	QPSK	20	H	V	23.53	30.00	Pass
					H	14.37		
1745.00	20300	16QAM	20	H	V	24.36		
					H	15.42		

**LTE band 17 part
Lowest channel**

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
706.50	23755	QPSK	5	H	V	23.92	34.77	Pass
					H	24.51		
706.50	23755	16QAM	5	H	V	23.82		
					H	24.42		
5MHz(RB size 12 & RB offset 0)								
706.50	23755	QPSK	5	H	V	23.65	34.77	Pass
					H	24.41		
706.50	23755	16QAM	5	H	V	23.46		
					H	24.17		
5MHz(RB size 25 & RB offset 0)								
706.50	23755	QPSK	5	H	V	22.53	34.77	Pass
					H	23.23		
706.50	23755	16QAM	5	H	V	22.62		
					H	23.45		

Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	5	H	V	23.45	34.77	Pass
					H	24.91		
710.00	23790	16QAM	5	H	V	23.66		
					H	24.64		
5MHz(RB size 12 & RB offset 0)								
710.00	23790	QPSK	5	H	V	23.76	34.77	Pass
					H	24.66		
710.00	23790	16QAM	5	H	V	23.64		
					H	24.49		
5MHz(RB size 25 & RB offset 0)								
710.00	23790	QPSK	5	H	V	22.10	34.77	Pass
					H	23.06		
710.00	23790	16QAM	5	H	V	22.66		
					H	23.62		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
5MHz(RB size 1 & RB offset 0)								
713.50	23825	QPSK	5	H	V	23.29	34.77	Pass
					H	24.99		
713.50	23825	16QAM	5	H	V	23.91		
					H	24.14		
5MHz(RB size 12 & RB offset 0)								
713.50	23825	QPSK	5	H	V	23.42	34.77	Pass
					H	24.20		
713.50	23825	16QAM	5	H	V	23.02		
					H	24.23		
5MHz(RB size 25 & RB offset 0)								
713.50	23825	QPSK	5	H	V	22.23	34.77	Pass
					H	23.34		
713.50	23825	16QAM	5	H	V	22.45		
					H	23.53		

Lowest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
709.00	23780	QPSK	10	H	V	23.77	34.77	Pass
					H	24.48		
709.00	23780	16QAM	10	H	V	23.56		
					H	24.44		
10MHz(RB size 25& RB offset 0)								
709.00	23780	QPSK	10	H	V	22.90	34.77	Pass
					H	24.03		
709.00	23780	16QAM	10	H	V	22.88		
					H	23.82		
10MHz(RB size 50& RB offset 0)								
709.00	23780	QPSK	10	H	V	22.90	34.77	Pass
					H	23.92		
709.00	23780	16QAM	10	H	V	22.93		
					H	23.91		

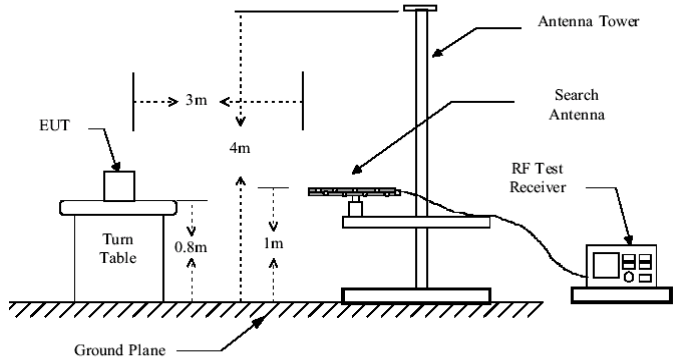
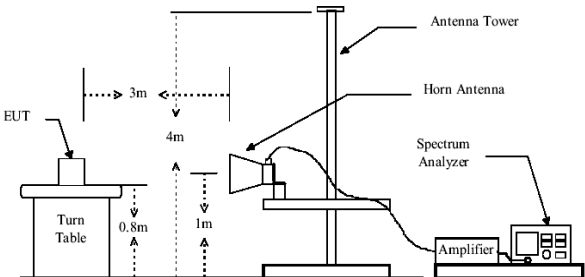
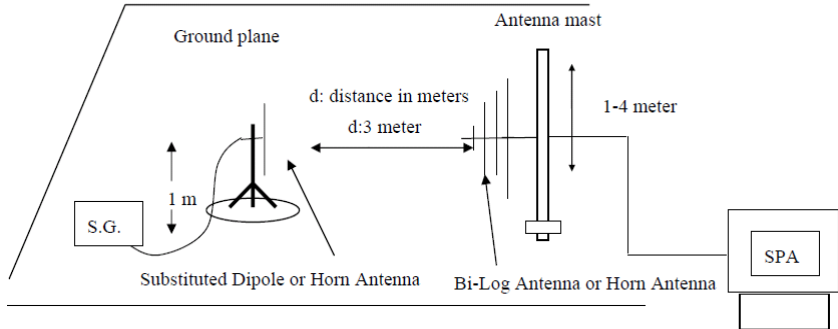
Middle channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
710.00	23790	QPSK	10	H	V	23.70	34.77	Pass
					H	24.08		
710.00	23790	16QAM	10	H	V	23.88		
					H	24.87		
10MHz(RB size 25& RB offset 0)								
710.00	23790	QPSK	10	H	V	22.78	34.77	Pass
					H	24.81		
710.00	23790	16QAM	10	H	V	22.11		
					H	23.12		
10MHz(RB size 50& RB offset 0)								
710.00	23790	QPSK	10	H	V	22.22	34.77	Pass
					H	23.29		
710.00	23790	16QAM	10	H	V	22.99		
					H	23.94		

Highest channel

Frequency (MHz)	UL Channel	Modulation	BW (MHz)	EUT Pol.	Antenna Pol.	ERP(dBm)	Limit (dBm)	Result
10MHz(RB size 1 & RB offset 0)								
711.00	23800	QPSK	10	H	V	23.94	34.77	Pass
					H	24.42		
711.00	23800	16QAM	10	H	V	23.21		
					H	24.12		
10MHz(RB size 25& RB offset 0)								
711.00	23800	QPSK	10	H	V	22.37	34.77	Pass
					H	24.39		
711.00	23800	16QAM	10	H	V	22.31		
					H	23.11		
10MHz(RB size 50& RB offset 0)								
711.00	23800	QPSK	10	H	V	22.17	34.77	Pass
					H	23.73		
711.00	23800	16QAM	10	H	V	22.39		
					H	23.29		

6.11 Field strength of spurious radiation measurement

Test Requirement:	FCC Part 24.238 (a), part 27.53(g), part 27.53(h)
Test Method:	FCC part2.1053
Limit:	LTE Band 2, LTE Band 4, and LTE Band 17: -13dBm
Test setup:	<p>Below 1GHz</p>  <p>Above 1GHz</p>  <p>Substituted method:</p> 
Test Procedure:	<ol style="list-style-type: none"> 1. The EUT was placed on a non-conductive turntable using a non-conductive support. The radiated emission at the fundamental frequency was measured at 3 m with a test antenna and EMI spectrum analyzer. 2. During the 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

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

Measurement Data (worst case):

Below 1GHz:

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

Above 1GHz

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

LTE band 2 part:

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

Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3701.40	Vertical	-48.77	-13.00	Pass
5552.10	V	-25.66		
7402.00	V	-32.12		
3701.40	Horizontal	-47.56		
5552.10	H	-25.10		
7402.00	H	-33.75		
Middle				
3760.00	Vertical	-45.78	-13.00	Pass
5640.00	V	-29.39		
7520.00	V	-32.72		
3760.00	Horizontal	-46.91		
5640.00	H	-30.07		
7520.00	H	-34.90		
Highest				
3816.60	Vertical	-49.53	-13.00	Pass
5724.90	V	-31.90		
7633.20	V	-34.59		
3816.60	Horizontal	-50.09		
5724.90	H	-31.21		
7633.20	H	-36.42		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3703.00	Vertical	-47.44	-13.00	Pass
5554.50	V	-27.38		
7406.00	V	-32.74		
3703.00	Horizontal	-49.42		
5554.50	H	-25.47		
7406.00	H	-32.11		
Middle				
3760.00	Vertical	-50.26	-13.00	Pass
5640.00	V	-30.47		
7520.00	V	-31.24		
3760.00	Horizontal	-49.01		
5640.00	H	-29.47		
7520.00	H	-38.39		
Highest				
3817.00	Vertical	-48.45	-13.00	Pass
5725.50	V	-28.46		
7634.00	V	-37.76		
3817.00	Horizontal	-48.42		
5725.50	H	-27.92		
7634.00	H	-39.99		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3705.00	Vertical	-48.38	-13.00	Pass
5557.50	V	-25.57		
7410.00	V	-32.76		
3705.00	Horizontal	-47.81		
5557.50	H	-25.73		
7410.00	H	-33.64		
Middle				
3760.00	Vertical	-45.15	-13.00	Pass
5640.00	V	-29.32		
7520.00	V	-32.43		
3760.00	Horizontal	-46.50		
5640.00	H	-30.29		
7520.00	H	-34.36		
Highest				
3815.00	Vertical	-49.03	-13.00	Pass
5722.50	V	-31.97		
7630.00	V	-34.68		
3815.00	Horizontal	-50.33		
5722.50	H	-31.74		
7630.00	H	-36.83		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3710.00	Vertical	-47.39	-13.00	Pass
5565.00	V	-27.32		
7420.00	V	-32.74		
3710.00	Horizontal	-49.95		
5565.00	H	-25.34		
7420.00	H	-32.46		
Middle				
3760.00	Vertical	-50.53	-13.00	Pass
5640.00	V	-30.41		
7520.00	V	-31.62		
3760.00	Horizontal	-49.39		
5640.00	H	-29.19		
7520.00	H	-38.29		
Highest				
3810.00	Vertical	-48.92	-13.00	Pass
5715.00	V	-28.91		
7620.00	V	-37.34		
3810.00	Horizontal	-48.30		
5715.00	H	-27.57		
7620.00	H	-39.45		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3715.00	Vertical	-48.36	-13.00	Pass
5572.50	V	-25.45		
7430.00	V	-32.35		
3715.00	Horizontal	-47.61		
5572.50	H	-25.50		
7430.00	H	-33.56		
Middle				
3760.00	Vertical	-45.10	-13.00	Pass
5640.00	V	-29.01		
7520.00	V	-32.65		
3760.00	Horizontal	-46.01		
5640.00	H	-30.11		
7520.00	H	-34.59		
Highest				
3805.00	Vertical	-49.42	-13.00	Pass
5707.50	V	-31.47		
7610.00	V	-34.50		
3805.00	Horizontal	-50.28		
5707.50	H	-31.71		
7610.00	H	-36.06		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3720.00	Vertical	-47.52	-13.00	Pass
5580.00	V	-27.00		
7440.00	V	-32.29		
3720.00	Horizontal	-49.71		
5580.00	H	-25.29		
7440.00	H	-32.40		
Middle				
3760.00	Vertical	-50.26	-13.00	Pass
5640.00	V	-30.71		
7520.00	V	-31.17		
3760.00	Horizontal	-49.65		
5640.00	H	-29.12		
7520.00	H	-38.85		
Highest				
3800.00	Vertical	-48.51	-13.00	Pass
5700.00	V	-28.63		
7600.00	V	-37.04		
3800.00	Horizontal	-48.92		
5700.00	H	-27.31		
7600.00	H	-39.46		

LTE Band 4 Part:

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

Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3421.40	Vertical	-48.06	-13.00	Pass
5132.10	V	-38.79		
6842.80	V	-24.96		
3421.40	Horizontal	-47.12		
5132.10	H	-36.87		
6842.80	H	-26.60		
Middle				
3465.00	Vertical	-46.48	-13.00	Pass
5197.50	V	-40.24		
6930.00	V	-28.41		
3465.00	Horizontal	-48.17		
5197.50	H	-38.55		
6930.00	H	-32.23		
Highest				
3508.60	Vertical	-47.66	-13.00	Pass
5262.90	V	-37.99		
7017.20	V	-32.15		
3508.60	Horizontal	-36.52		
5262.90	H	-30.48		
7017.20	H	-36.53		

3MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3423.00	Vertical	-48.26	-13.00	Pass
5134.50	V	-38.62		
6846.00	V	-25.12		
3423.00	Horizontal	-47.39		
5134.50	H	-35.89		
6846.00	H	-30.17		
Middle				
3465.00	Vertical	-47.65	-13.00	Pass
5197.50	V	-38.49		
6930.00	V	-29.15		
3465.00	Horizontal	-47.82		
5197.50	H	-34.47		
6930.00	H	-31.11		
Highest				
3507.00	Vertical	-48.46	-13.00	Pass
5260.50	V	-41.61		
7014.00	V	-29.49		
3507.00	Horizontal	-49.61		
5260.50	H	-40.17		
7014.00	H	-35.56		

5MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3425.00	Vertical	-48.34	-13.00	Pass
5137.50	V	-38.52		
6850.00	V	-24.70		
3425.00	Horizontal	-47.49		
5137.50	H	-36.25		
6850.00	H	-26.02		
Middle				
3465.00	Vertical	-46.98	-13.00	Pass
5197.50	V	-40.57		
6930.00	V	-28.27		
3465.00	Horizontal	-48.87		
5197.50	H	-38.76		
6930.00	H	-32.78		
Highest				
3505.00	Vertical	-47.73	-13.00	Pass
5257.50	V	-37.66		
7010.00	V	-32.82		
3505.00	Horizontal	-36.35		
5257.50	H	-30.62		
7010.00	H	-36.23		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3430.00	Vertical	-48.34	-13.00	Pass
5145.00	V	-38.52		
6860.00	V	-25.69		
3430.00	Horizontal	-47.89		
5145.00	H	-35.23		
6860.00	H	-30.84		
Middle				
3465.00	Vertical	-47.76	-13.00	Pass
5197.50	V	-38.42		
6930.00	V	-29.15		
3465.00	Horizontal	-47.46		
5197.50	H	-34.25		
6930.00	H	-31.41		
Highest				
3500.00	Vertical	-48.12	-13.00	Pass
5250.00	V	-41.46		
7000.00	V	-29.36		
3500.00	Horizontal	-49.50		
5250.00	H	-40.23		
7000.00	H	-35.63		

15MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3435.00	Vertical	-48.59	-13.00	Pass
5152.50	V	-38.55		
6870.00	V	-24.52		
3435.00	Horizontal	-47.93		
5152.50	H	-36.58		
6870.00	H	-26.29		
Middle				
3465.00	Vertical	-46.34	-13.00	Pass
5197.50	V	-40.87		
6930.00	V	-28.95		
3465.00	Horizontal	-48.44		
5197.50	H	-38.74		
6930.00	H	-32.55		
Highest				
3495.00	Vertical	-47.42	-13.00	Pass
5242.50	V	-37.46		
6990.00	V	-32.50		
3495.00	Horizontal	-36.24		
5242.50	H	-30.69		
6990.00	H	-36.01		

20MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
3440.00	Vertical	-48.95	-13.00	Pass
5160.00	V	-38.34		
6880.00	V	-25.58		
3440.00	Horizontal	-47.00		
5160.00	H	-35.90		
6880.00	H	-30.75		
Middle				
3465.00	Vertical	-47.89	-13.00	Pass
5197.50	V	-38.49		
6930.00	V	-27.82		
3465.00	Horizontal	-47.10		
5197.50	H	-34.48		
6930.00	H	-31.23		
Highest				
3490.00	Vertical	-48.82	-13.00	Pass
5235.00	V	-41.18		
6980.00	V	-29.10		
3490.00	Horizontal	-49.19		
5235.00	H	-40.25		
6980.00	H	-35.61		

LTE Band 17 Part:

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

Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1413.00	Vertical	-54.58	-13.00	Pass
2119.50	V	-37.45		
2826.00	V	-52.02		
1413.00	Horizontal	-55.75		
2119.50	H	-45.73		
2826.00	H	-48.74		
Middle				
1420.00	Vertical	-53.99	-13.00	Pass
2130.00	V	-40.13		
2840.00	V	-50.26		
1420.00	Horizontal	-57.90		
2130.00	H	-51.38		
2840.00	H	-51.55		
Highest				
1427.00	Vertical	-57.35	-13.00	Pass
2140.50	V	-37.73		
2854.00	V	-52.15		
1427.00	Horizontal	-56.70		
2140.50	H	-50.13		
2854.00	H	-52.51		

10MHz(RB size 1 & RB offset 0) for QPSK				
Frequency (MHz)	Spurious Emission		Limit (dBm)	Result
	Polarization	Level (dBm)		
Lowest				
1418.00	Vertical	-51.66	-13.00	Pass
2127.00	V	-34.95		
2836.00	V	-51.29		
1418.00	Horizontal	-54.45		
2127.00	H	-46.23		
2836.00	H	-50.52		
Middle				
1420.00	Vertical	-52.28	-13.00	Pass
2130.00	V	-38.90		
2840.00	V	-52.18		
1420.00	Horizontal	-57.91		
2130.00	H	-48.87		
2840.00	H	-52.09		
Highest				
1422.00	Vertical	-50.89	-13.00	Pass
2133.00	V	-35.95		
2844.00	V	-50.79		
1422.00	Horizontal	-55.66		
2133.00	H	-45.01		
2844.00	H	-52.02		

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

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	163	0.086702	±2.5	Pass
	-20	125	0.066489		
	-10	122	0.064894		
	0	147	0.078191		
	10	139	0.073936		
	20	148	0.078723		
	30	145	0.077128		
	40	158	0.084043		
	50	155	0.082447		
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	169	0.089894	±2.5	Pass
	-20	174	0.092553		
	-10	125	0.066489		
	0	105	0.055851		
	10	128	0.068085		
	20	144	0.076596		
	30	148	0.078723		
	40	152	0.080851		
	50	136	0.072340		
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	148	0.078723	±2.5	Pass
	-20	156	0.082979		
	-10	147	0.078191		
	0	125	0.066489		
	10	136	0.072340		
	20	105	0.055851		
	30	122	0.064894		
	40	145	0.077128		
	50	122	0.064894		

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	174	0.0925532	±2.5	Pass
	-20	152	0.0808511		
	-10	126	0.0670213		
	0	163	0.0867021		
	10	169	0.0898936		
	20	148	0.0787234		
	30	170	0.0904255		
	40	126	0.0670213		
	50	128	0.0680851		
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	190	0.101064	±2.5	Pass
	-20	125	0.066489		
	-10	145	0.077128		
	0	147	0.078191		
	10	148	0.078723		
	20	158	0.084043		
	30	156	0.082979		
	40	155	0.082447		
	50	149	0.079255		
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	174	0.092553	±2.5	Pass
	-20	152	0.080851		
	-10	156	0.082979		
	0	123	0.065426		
	10	128	0.068085		
	20	152	0.080851		
	30	150	0.079787		
	40	136	0.072340		
	50	134	0.071277		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	152	0.080851	±2.5	Pass
	-20	147	0.078191		
	-10	163	0.086702		
	0	128	0.068085		
	10	150	0.079787		
	20	124	0.065957		
	30	136	0.072340		
	40	105	0.055851		
	50	124	0.065957		
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	159	0.084574	±2.5	Pass
	-20	188	0.100000		
	-10	174	0.092553		
	0	163	0.086702		
	10	165	0.087766		
	20	159	0.084574		
	30	125	0.066489		
	40	108	0.057447		
	50	144	0.076596		
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	158	0.084043	±2.5	Pass
	-20	127	0.067553		
	-10	156	0.082979		
	0	136	0.072340		
	10	142	0.075532		
	20	150	0.079787		
	30	149	0.079255		
	40	118	0.062766		
	50	140	0.074468		

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	174	0.092553	±2.5	Pass
	-20	170	0.090426		
	-10	125	0.066489		
	0	136	0.072340		
	10	130	0.069149		
	20	169	0.089894		
	30	148	0.078723		
	40	145	0.077128		
	50	128	0.068085		
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	147	0.078191	±2.5	Pass
	-20	158	0.084043		
	-10	126	0.067021		
	0	136	0.072340		
	10	105	0.055851		
	20	124	0.065957		
	30	148	0.078723		
	40	188	0.100000		
	50	140	0.074468		
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	169	0.089894	±2.5	Pass
	-20	147	0.078191		
	-10	128	0.068085		
	0	136	0.072340		
	10	158	0.084043		
	20	133	0.070745		
	30	150	0.079787		
	40	159	0.084574		
	50	152	0.080851		

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	145	0.083694	±2.5	Pass
	-20	185	0.106782		
	-10	174	0.100433		
	0	124	0.071573		
	10	120	0.069264		
	20	136	0.078499		
	30	105	0.060606		
	40	127	0.073304		
	50	129	0.074459		
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	157	0.090620	±2.5	Pass
	-20	163	0.094084		
	-10	124	0.071573		
	0	105	0.060606		
	10	122	0.070418		
	20	140	0.080808		
	30	149	0.086003		
	40	152	0.087734		
	50	158	0.091198		
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	163	0.094084	±2.5	Pass
	-20	158	0.091198		
	-10	127	0.073304		
	0	149	0.086003		
	10	126	0.072727		
	20	106	0.061183		
	30	139	0.080231		
	40	149	0.086003		
	50	150	0.086580		

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	174	0.100433	±2.5	Pass
	-20	178	0.102742		
	-10	163	0.094084		
	0	155	0.089466		
	10	159	0.091775		
	20	148	0.085426		
	30	172	0.099278		
	40	166	0.095815		
	50	169	0.097547		
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	184	0.106205	±2.5	Pass
	-20	152	0.087734		
	-10	146	0.084271		
	0	166	0.095815		
	10	167	0.096392		
	20	152	0.087734		
	30	159	0.091775		
	40	168	0.096970		
	50	150	0.086580		
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	189	0.109091	±2.5	Pass
	-20	149	0.086003		
	-10	146	0.084271		
	0	156	0.090043		
	10	163	0.094084		
	20	158	0.091198		
	30	174	0.100433		
	40	170	0.098124		
	50	166	0.095815		

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	169	0.097547	±2.5	Pass
	-20	135	0.077922		
	-10	125	0.072150		
	0	149	0.086003		
	10	155	0.089466		
	20	158	0.091198		
	30	152	0.087734		
	40	150	0.086580		
	50	143	0.082540		
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	169	0.097547	±2.5	Pass
	-20	147	0.084848		
	-10	152	0.087734		
	0	180	0.103896		
	10	125	0.072150		
	20	130	0.075036		
	30	137	0.079076		
	40	136	0.078499		
	50	149	0.086003		
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	152	0.087734	±2.5	Pass
	-20	158	0.091198		
	-10	104	0.060029		
	0	122	0.070418		
	10	127	0.073304		
	20	126	0.072727		
	30	134	0.077345		
	40	139	0.080231		
	50	140	0.080808		

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	155	0.089466	±2.5	Pass
	-20	159	0.091775		
	-10	152	0.087734		
	0	108	0.062338		
	10	127	0.073304		
	20	149	0.086003		
	30	140	0.080808		
	40	142	0.081962		
	50	123	0.070996		
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	159	0.091775	±2.5	Pass
	-20	125	0.072150		
	-10	128	0.073882		
	0	106	0.061183		
	10	133	0.076768		
	20	137	0.079076		
	30	135	0.077922		
	40	120	0.069264		
	50	144	0.083117		
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	175	0.101010	±2.5	Pass
	-20	152	0.087734		
	-10	163	0.094084		
	0	108	0.062338		
	10	147	0.084848		
	20	142	0.081962		
	30	136	0.078499		
	40	139	0.080231		
	50	105	0.060606		

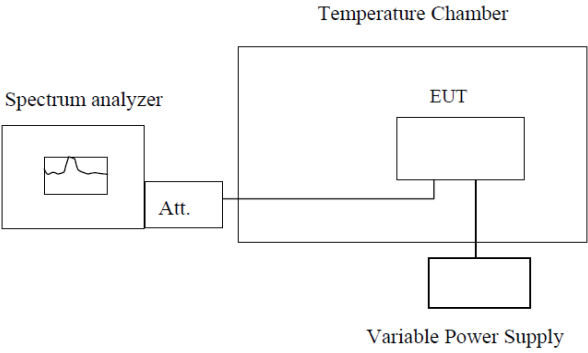
LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	167	0.235211	±2.5	Pass
	-20	148	0.208451		
	-10	145	0.204225		
	0	124	0.174648		
	10	122	0.171831		
	20	165	0.232394		
	30	153	0.215493		
	40	159	0.223944		
	50	129	0.181690		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	192	0.270423	±2.5	Pass
	-20	152	0.214085		
	-10	148	0.208451		
	0	174	0.245070		
	10	180	0.253521		
	20	163	0.229577		
	30	188	0.264789		
	40	180	0.253521		
	50	147	0.207042		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	171	0.240845	±2.5	Pass
	-20	166	0.233803		
	-10	169	0.238028		
	0	168	0.236620		
	10	148	0.208451		
	20	155	0.218310		
	30	157	0.221127		
	40	158	0.222535		
	50	150	0.211268		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Power supplied (Vdc)	Temperature (°C)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
3.80	-30	166	0.233803	±2.5	Pass
	-20	132	0.185915		
	-10	125	0.176056		
	0	105	0.147887		
	10	140	0.197183		
	20	152	0.214085		
	30	136	0.191549		
	40	108	0.152113		
	50	104	0.146479		

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

Measurement Data (the worst channel):

LTE Band 2(QPSK):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	66	0.035106	±2.5	Pass
	3.80	52	0.027660		
	3.23	81	0.043085		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.039362	±2.5	Pass
	3.80	69	0.036702		
	3.23	48	0.025532		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	78	0.041489	±2.5	Pass
	3.80	96	0.051064		
	3.23	49	0.026064		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	63	0.033511	±2.5	Pass
	3.80	38	0.020213		
	3.23	59	0.031383		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.039362	±2.5	Pass
	3.80	88	0.046809		
	3.23	57	0.030319		
Reference Frequency: LTE Band 2(20MHz) Middle channel=20175 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	69	0.036702	±2.5	Pass
	3.80	78	0.041489		
	3.23	74	0.039362		

LTE Band 2(16QAM):

Reference Frequency: LTE Band 2(1.4MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	35	0.018617	±2.5	Pass
	3.80	62	0.032979		
	3.23	77	0.040957		
Reference Frequency: LTE Band 2(3MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	99	0.052660	±2.5	Pass
	3.80	75	0.039894		
	3.23	77	0.040957		
Reference Frequency: LTE Band 2(5MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	85	0.045213	±2.5	Pass
	3.80	74	0.039362		
	3.23	70	0.037234		
Reference Frequency: LTE Band 2(10MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	69	0.036702	±2.5	Pass
	3.80	63	0.033511		
	3.23	57	0.030319		
Reference Frequency: LTE Band 2(15MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	71	0.037766	±2.5	Pass
	3.80	59	0.031383		
	3.23	82	0.043617		
Reference Frequency: LTE Band 2(20MHz) Middle channel=18900 channel=1880.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	69	0.036702	±2.5	Pass
	3.80	63	0.033511		
	3.23	81	0.043085		

LTE Band 4(QPSK):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.042713	±2.5	Pass
	3.80	85	0.049062		
	3.23	90	0.051948		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.042713	±2.5	Pass
	3.80	82	0.047330		
	3.23	55	0.031746		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	96	0.055411	±2.5	Pass
	3.80	85	0.049062		
	3.23	74	0.042713		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	58	0.033478	±2.5	Pass
	3.80	59	0.034055		
	3.23	57	0.032900		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.042713	±2.5	Pass
	3.80	79	0.045599		
	3.23	90	0.051948		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	88	0.050794	±2.5	Pass
	3.80	86	0.049639		
	3.23	91	0.052525		

LTE Band 4(16QAM):

Reference Frequency: LTE Band 4(1.4MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.042713	±2.5	Pass
	3.80	85	0.049062		
	3.23	82	0.047330		
Reference Frequency: LTE Band 4(3MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	63	0.036364	±2.5	Pass
	3.80	82	0.047330		
	3.23	74	0.042713		
Reference Frequency: LTE Band 4(5MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	90	0.051948	±2.5	Pass
	3.80	85	0.049062		
	3.23	88	0.050794		
Reference Frequency: LTE Band 4(10MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	75	0.043290	±2.5	Pass
	3.80	48	0.027706		
	3.23	89	0.051371		
Reference Frequency: LTE Band 4(15MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	75	0.043290	±2.5	Pass
	3.80	48	0.027706		
	3.23	88	0.050794		
Reference Frequency: LTE Band 4(20MHz) Middle channel=20175 channel=1732.50MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	90	0.051948	±2.5	Pass
	3.80	52	0.030014		
	3.23	45	0.025974		

LTE Band 17(QPSK):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	63	0.088732	±2.5	Pass
	3.80	68	0.095775		
	3.23	79	0.111268		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	82	0.115493	±2.5	Pass
	3.80	59	0.083099		
	3.23	74	0.104225		

LTE Band 17(16QAM):

Reference Frequency: LTE Band 17(5MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	49	0.069014	±2.5	Pass
	3.80	65	0.091549		
	3.23	85	0.119718		
Reference Frequency: LTE Band 17(10MHz) Middle channel=23790 channel=710.00MHz					
Temperature (°C)	Power supplied (Vdc)	Frequency error		Limit (ppm)	Result
		Hz	ppm		
25	4.37	74	0.104225	±2.5	Pass
	3.80	78	0.109859		
	3.23	70	0.098592		