

3.3 Occupied Bandwidth

3.3.1 Description of Occupied Bandwidth Measurement

The occupied bandwidth is the width of a frequency band such that, below the lower and above the upper frequency limits, the mean powers emitted are each equal to a specified percentage 0.5% of the total mean transmitted power.

The 26 dB emission bandwidth is defined as the frequency range between two points, one above and one below the carrier frequency, at which the spectral density of the emission is attenuated 26 dB below the maximum in-band spectral density of the modulated signal. Spectral density (power per unit bandwidth) is to be measured with a detector of resolution bandwidth equal to approximately 1.0% of the emission bandwidth.

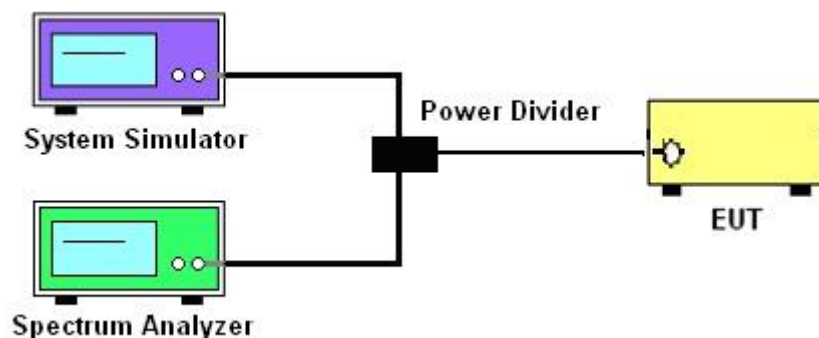
3.3.2 Measuring Instruments

The measuring equipment is listed in the section 4 of this test report.

3.3.3 Test Procedures

1. The EUT was connected to spectrum analyzer and system simulator via a power divider.
2. The 26dB and 99% occupied bandwidth (BW) of the middle channel for the highest RF power with full RB sizes were measured.

3.3.4 Test Setup

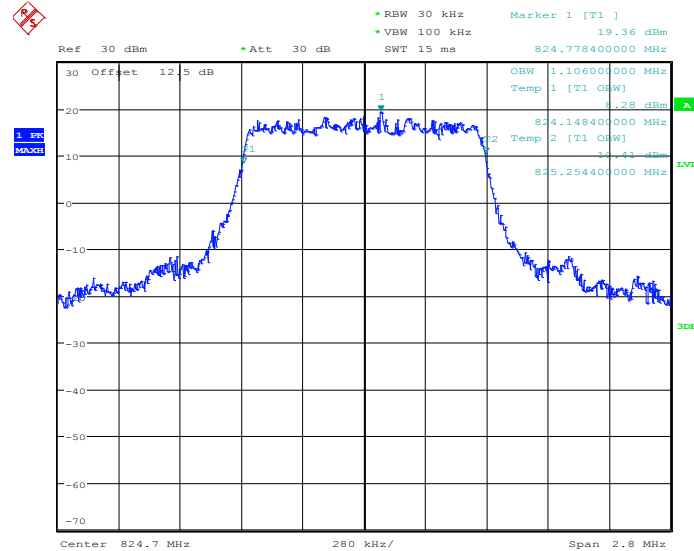




3.3.5 Test Result (Plots) of Occupied Bandwidth

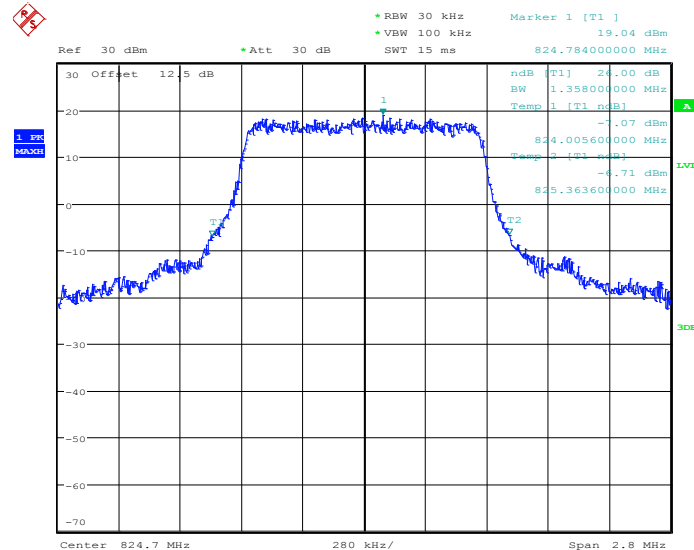
Band :	LTE Band 5	BW / Mod. :	1.4MHz / QPSK
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 20407



Date: 9.JUL.2014 23:27:40

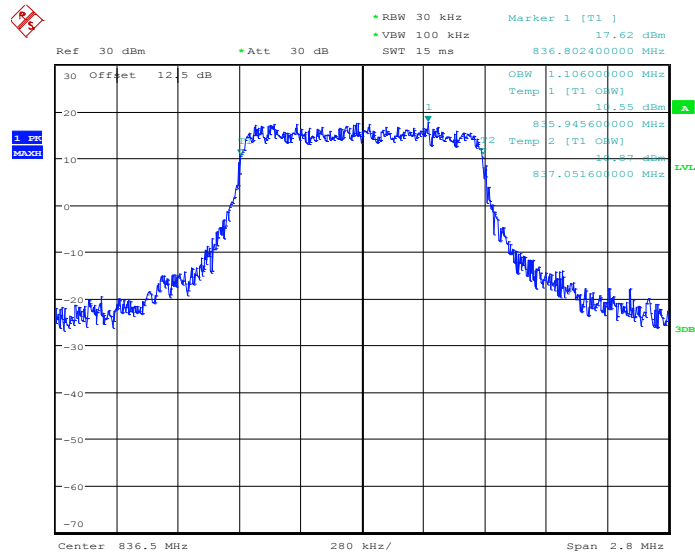
26dB Bandwidth Plot on Channel 20407



Date: 9.JUL.2014 23:28:27

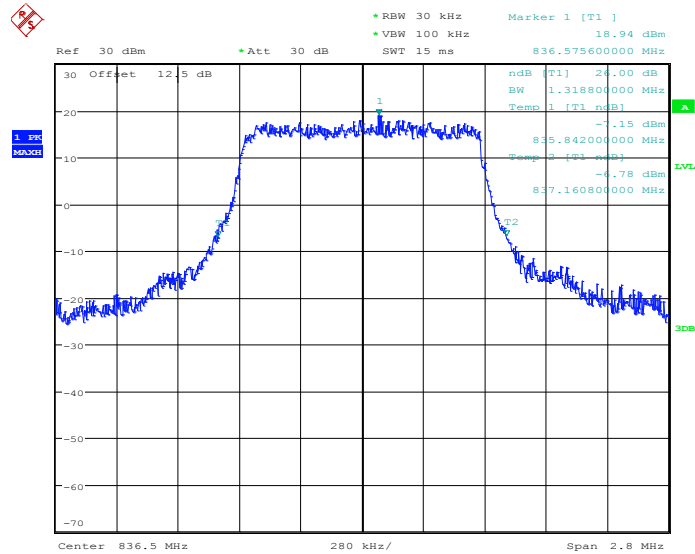


99% Occupied Bandwidth Plot on Channel 20525



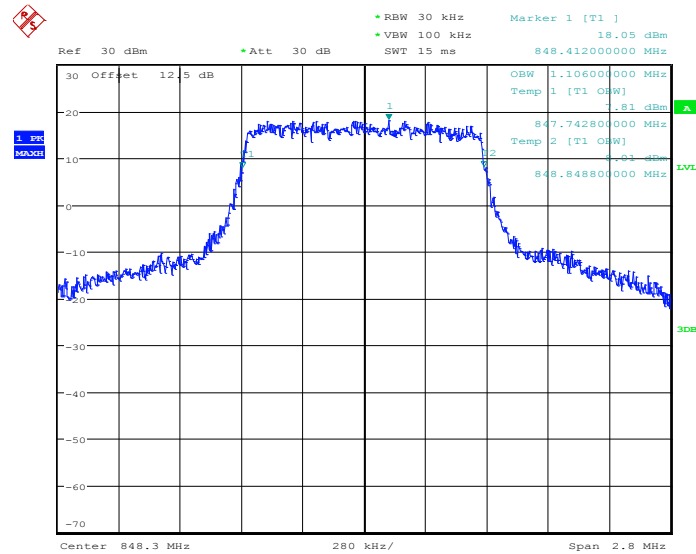
Date: 9.JUL.2014 23:48:15

26dB Bandwidth Plot on Channel 20525



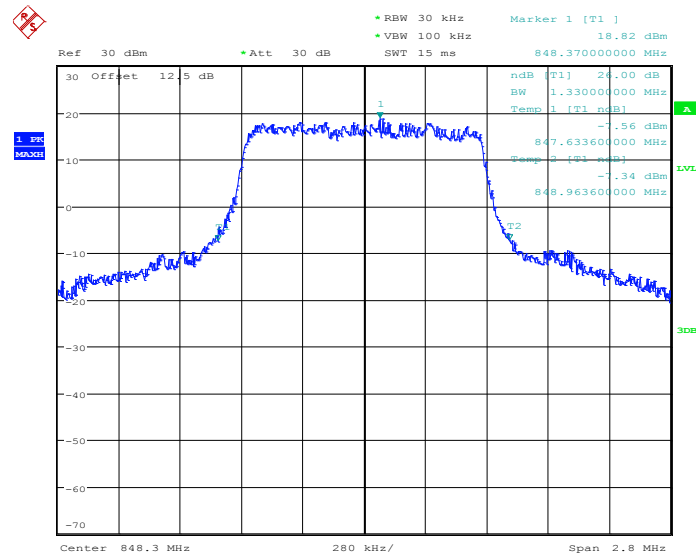
Date: 9.JUL.2014 23:48:45

99% Occupied Bandwidth Plot on Channel 20643



Date: 9.JUL.2014 23:51:13

26dB Bandwidth Plot on Channel 20643

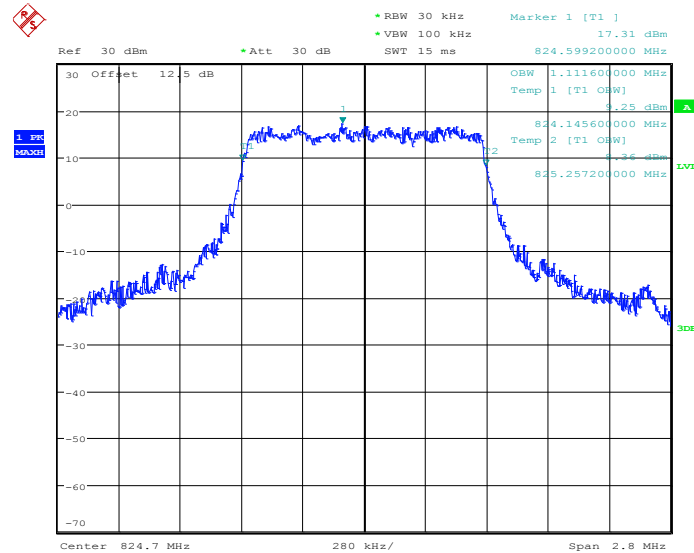


Date: 9.JUL.2014 23:51:43



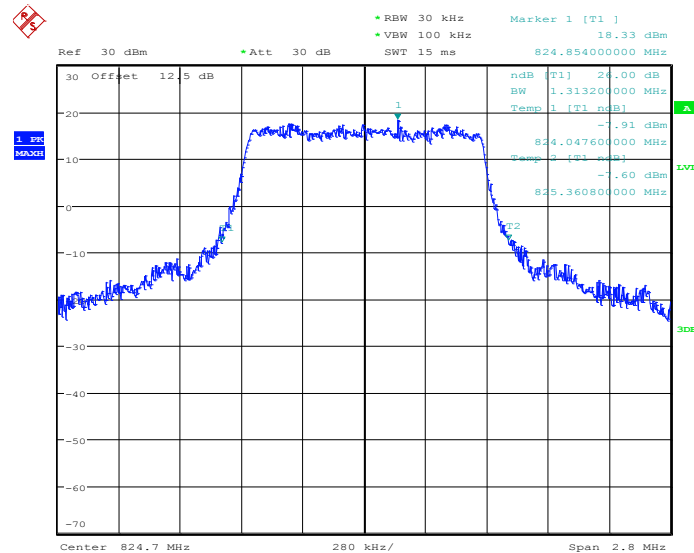
Band :	LTE Band 5	BW / Mod. :	1.4MHz / 16QAM
--------	------------	-------------	----------------

99% Occupied Bandwidth Plot on Channel 20407



Date: 9.JUL.2014 23:27:55

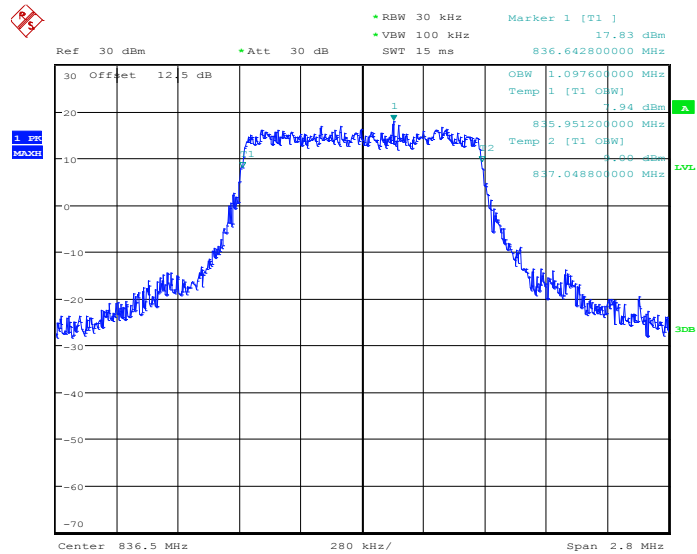
26dB Bandwidth Plot on Channel 20407



Date: 9.JUL.2014 23:28:11

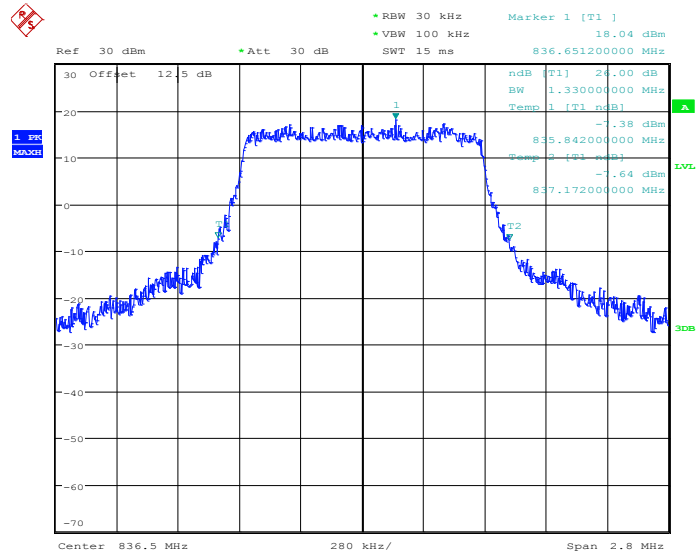


99% Occupied Bandwidth Plot on Channel 20525



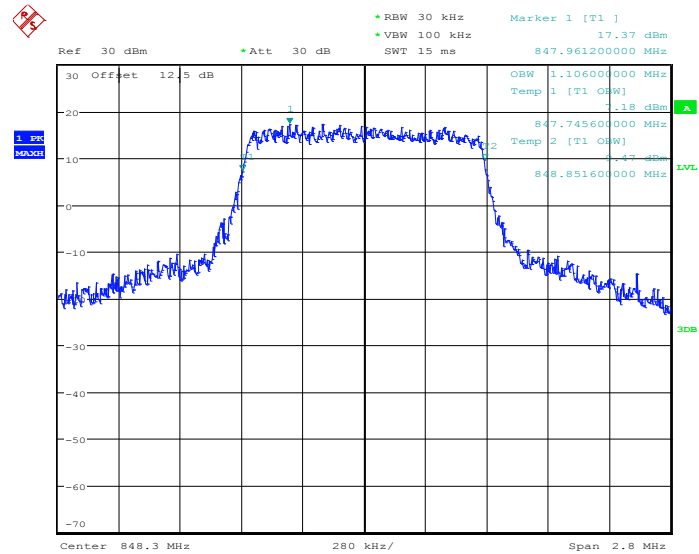
Date: 9.JUL.2014 23:48:29

26dB Bandwidth Plot on Channel 20525



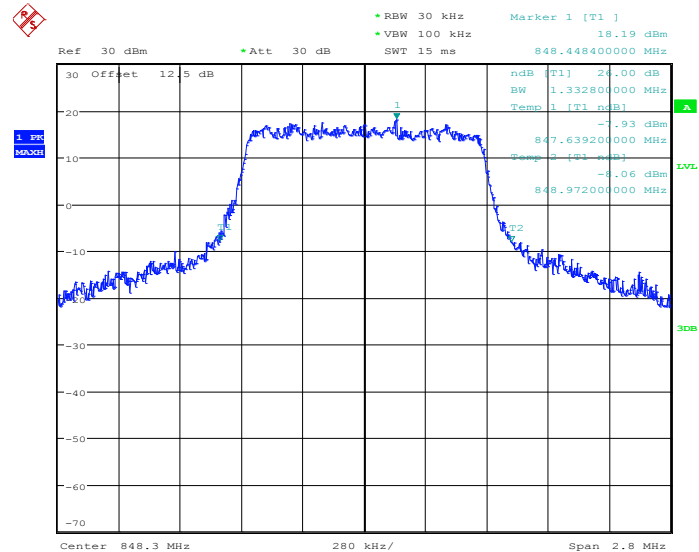
Date: 9.JUL.2014 23:49:01

99% Occupied Bandwidth Plot on Channel 20643



Date: 9.JUL.2014 23:51:27

26dB Bandwidth Plot on Channel 20643

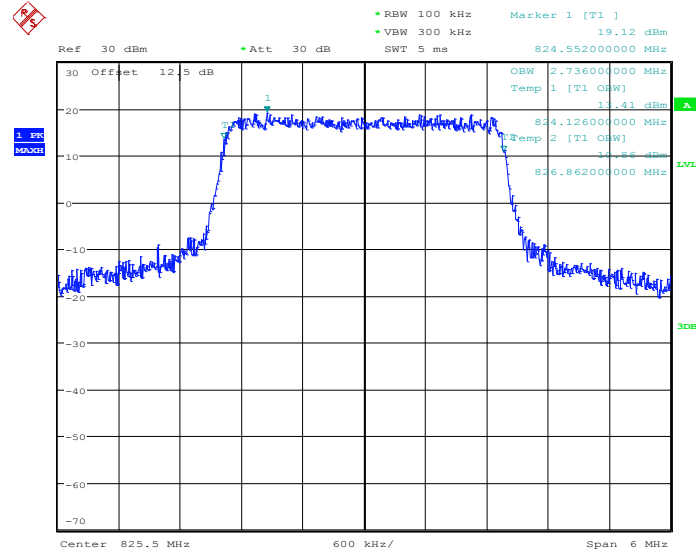


Date: 9.JUL.2014 23:51:59



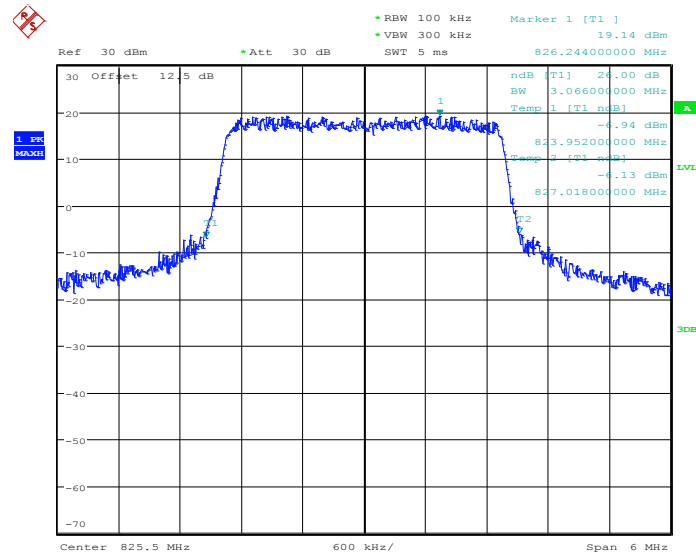
Band :	LTE Band 5	BW / Mod. :	3MHz / QPSK
--------	------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 20415



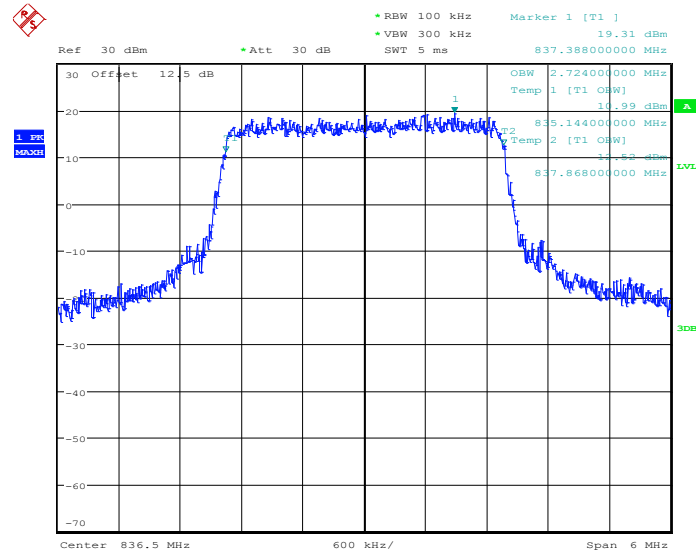
Date: 9.JUL.2014 23:57:12

26dB Bandwidth Plot on Channel 20415



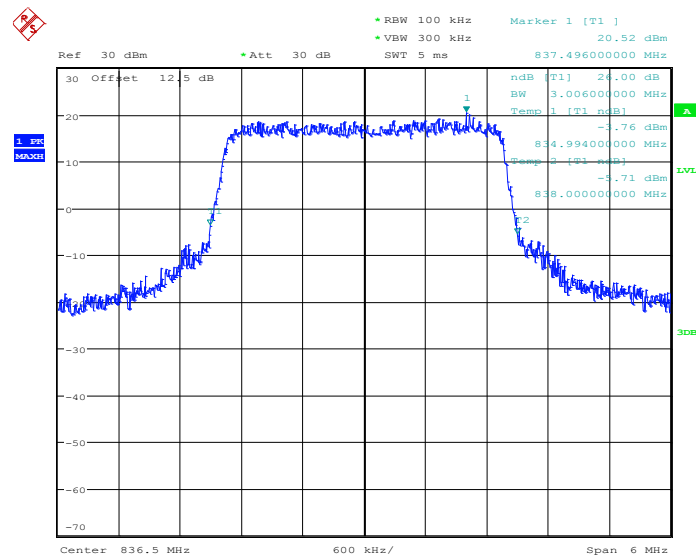
Date: 9.JUL.2014 23:57:42

99% Occupied Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:03:11

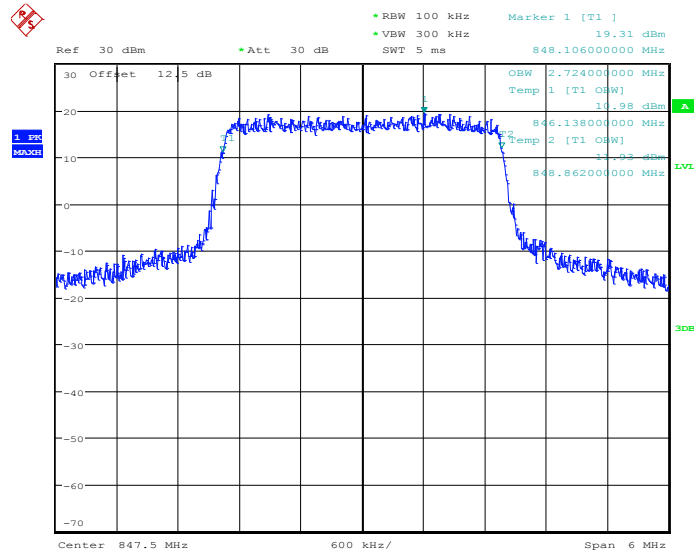
26dB Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:03:41

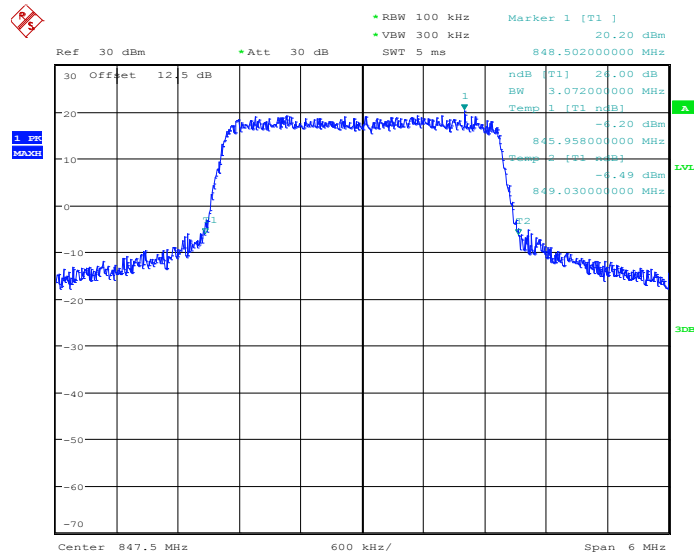


99% Occupied Bandwidth Plot on Channel 20635



Date: 10.JUL.2014 00:06:16

26dB Bandwidth Plot on Channel 20635

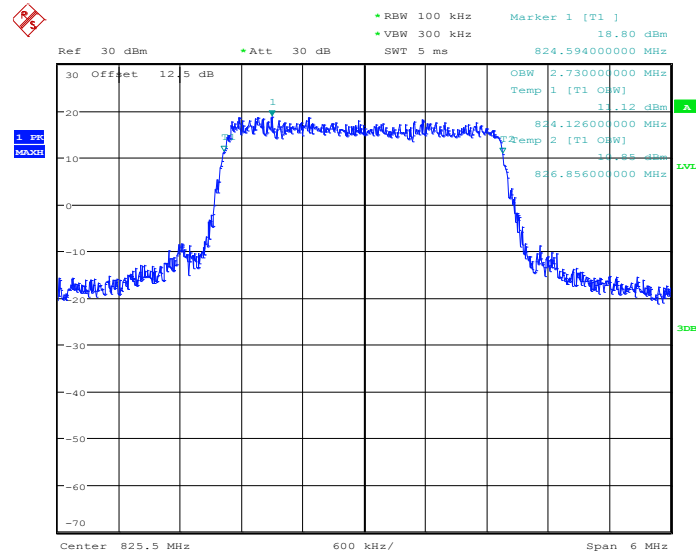


Date: 10.JUL.2014 00:06:46



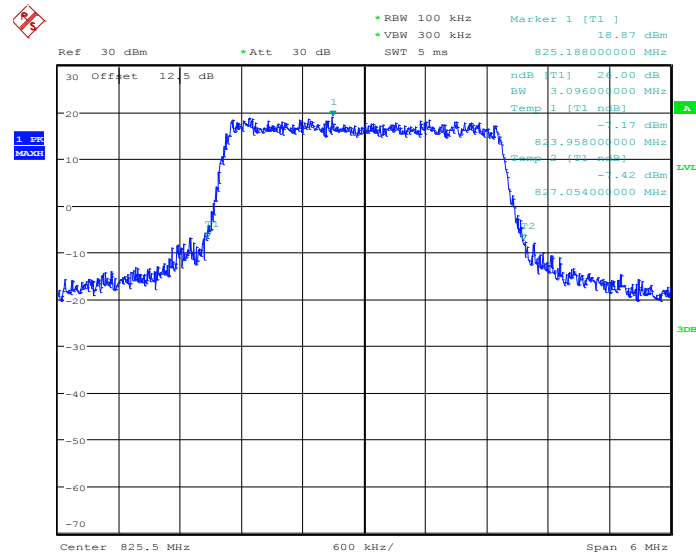
Band :	LTE Band 5	BW / Mod. :	3MHz / 16QAM
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 20415



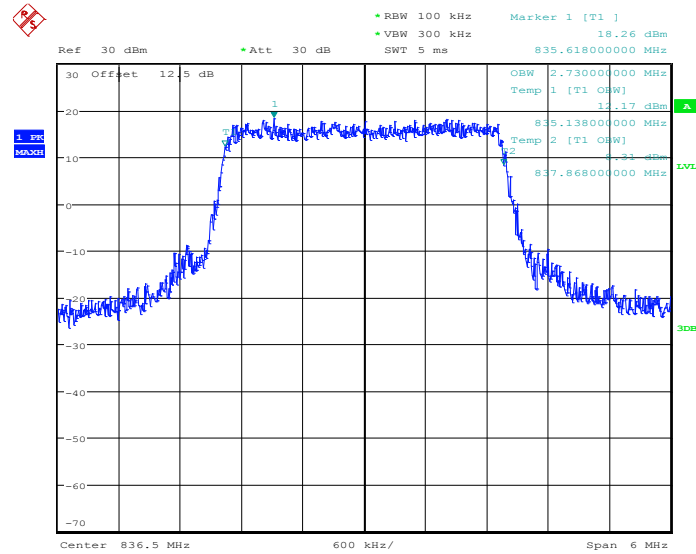
Date: 9.JUL.2014 23:57:26

26dB Bandwidth Plot on Channel 20415



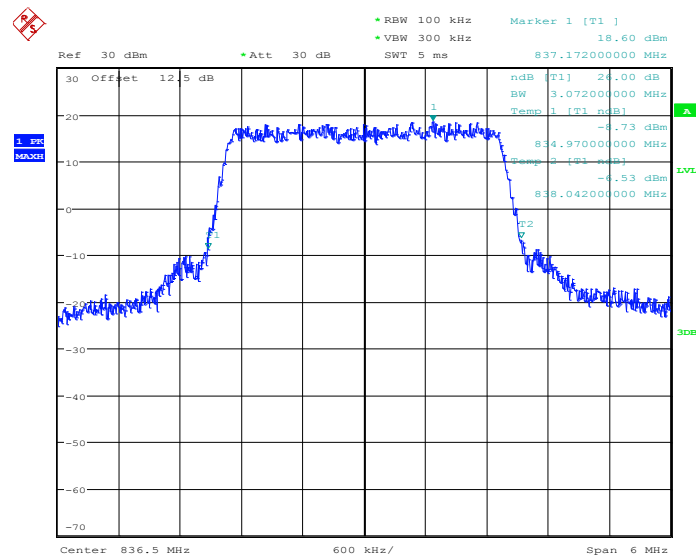
Date: 9.JUL.2014 23:57:58

99% Occupied Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:03:25

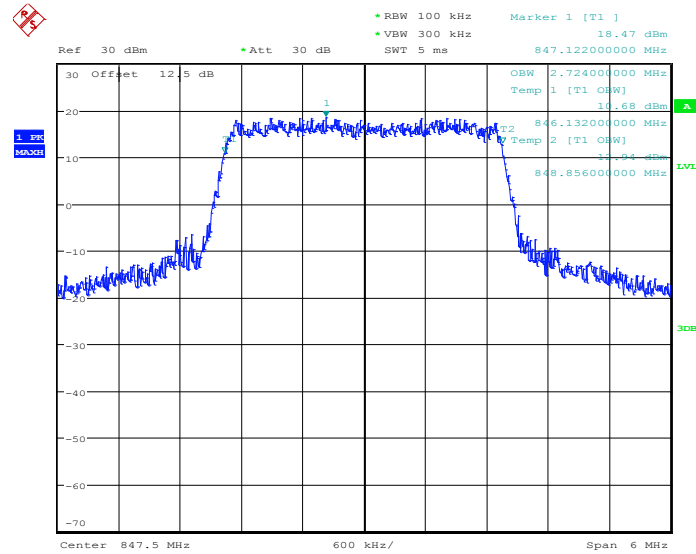
26dB Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:03:58

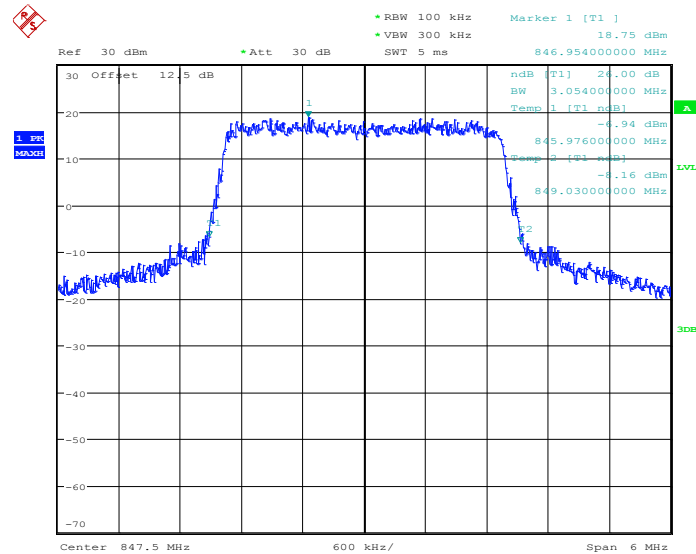


99% Occupied Bandwidth Plot on Channel 20635



Date: 10.JUL.2014 00:06:30

26dB Bandwidth Plot on Channel 20635

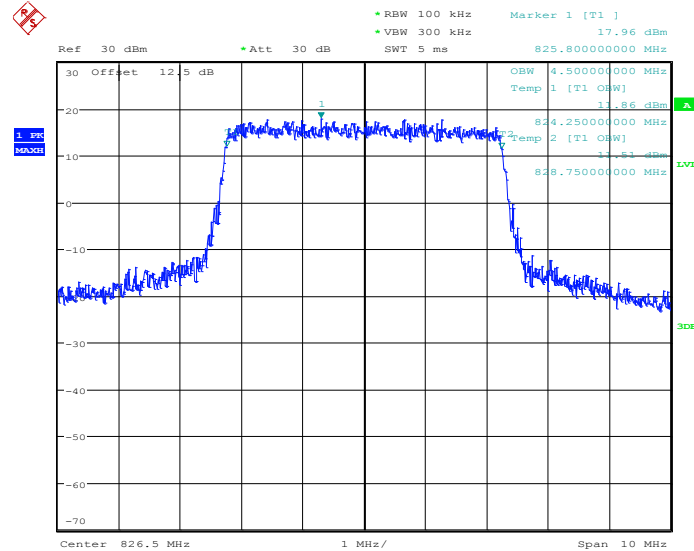


Date: 10.JUL.2014 00:07:02



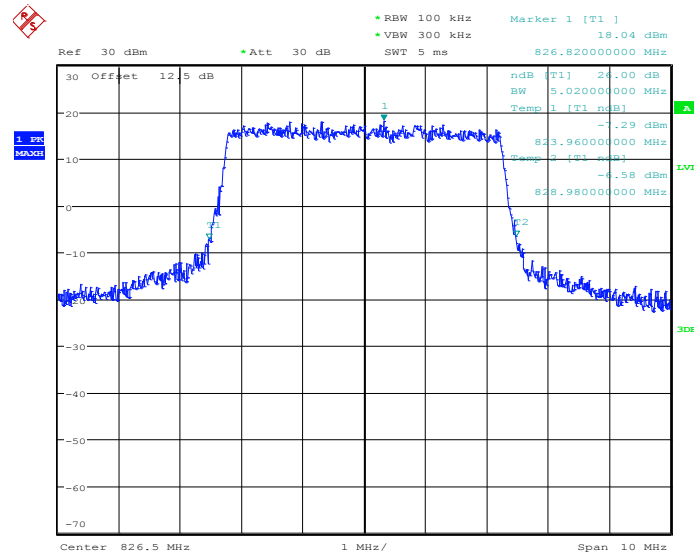
Band :	LTE Band 5	BW / Mod. :	5MHz / QPSK
--------	------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 20425



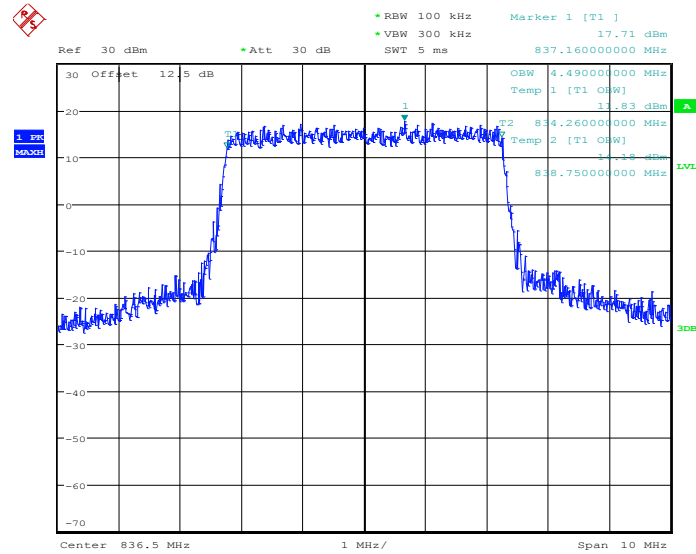
Date: 10.JUL.2014 00:12:22

26dB Bandwidth Plot on Channel 20425



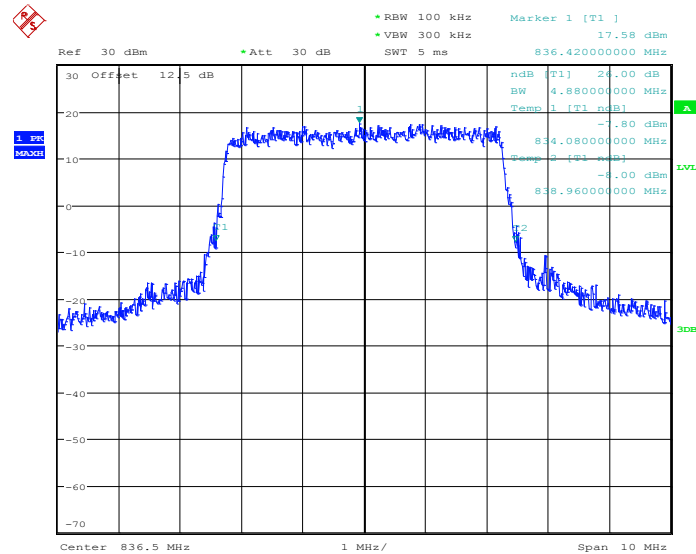
Date: 10.JUL.2014 00:12:53

99% Occupied Bandwidth Plot on Channel 20525



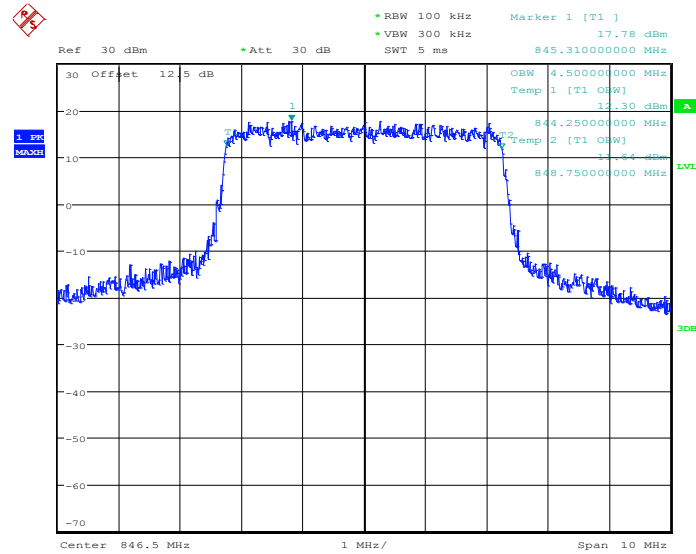
Date: 10.JUL.2014 00:18:30

26dB Bandwidth Plot on Channel 20525



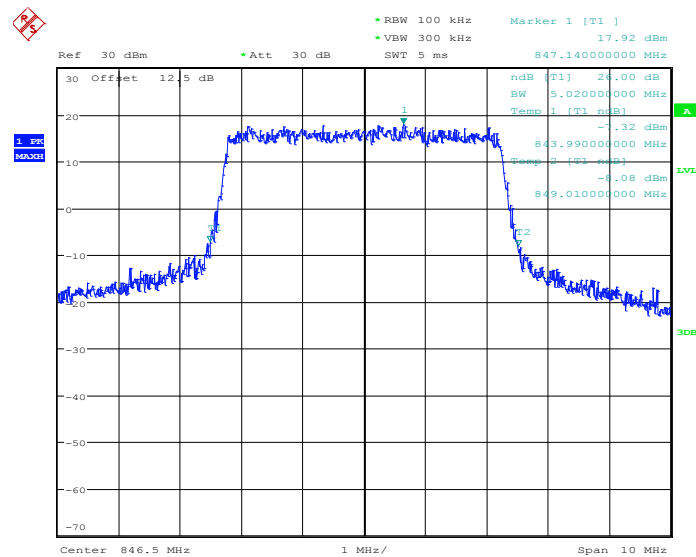
Date: 10.JUL.2014 00:19:03

99% Occupied Bandwidth Plot on Channel 20625



Date: 10.JUL.2014 00:21:38

26dB Bandwidth Plot on Channel 20625

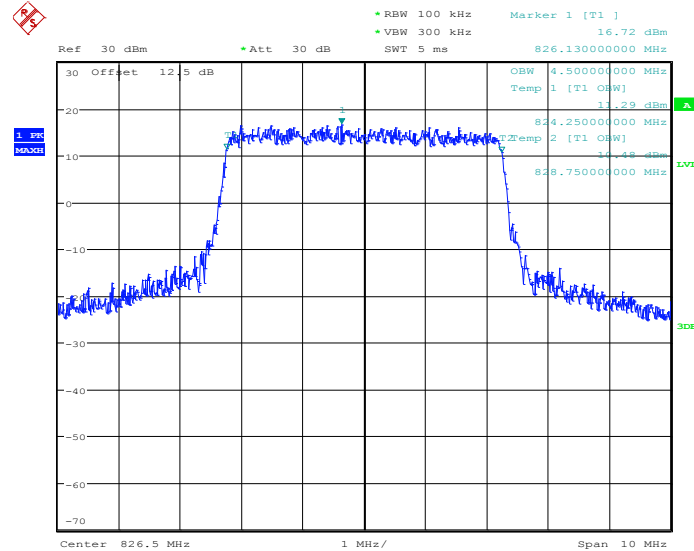


Date: 10.JUL.2014 00:22:18



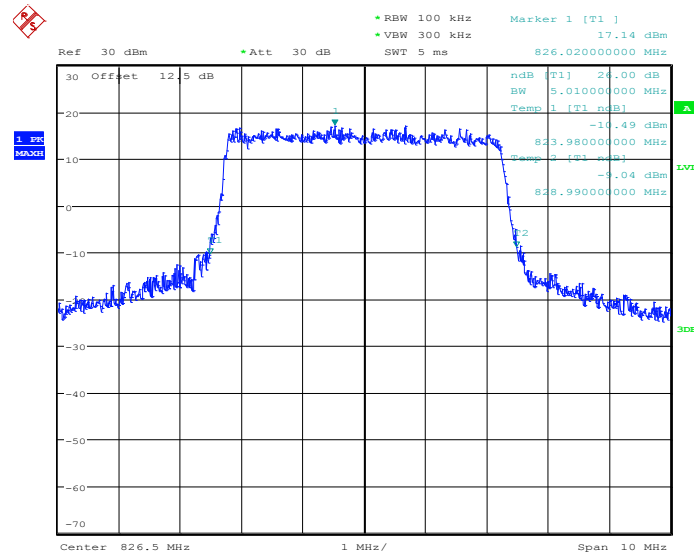
Band :	LTE Band 5	BW / Mod. :	5MHz / 16QAM
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 20425



Date: 10.JUL.2014 00:12:37

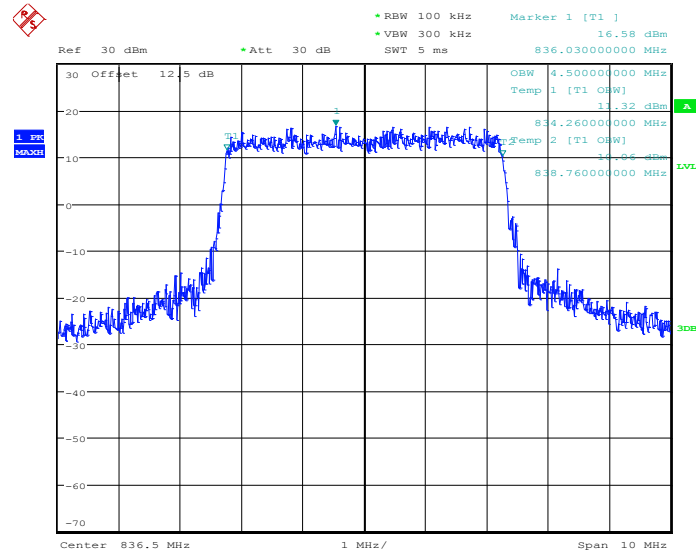
26dB Bandwidth Plot on Channel 20425



Date: 10.JUL.2014 00:13:10

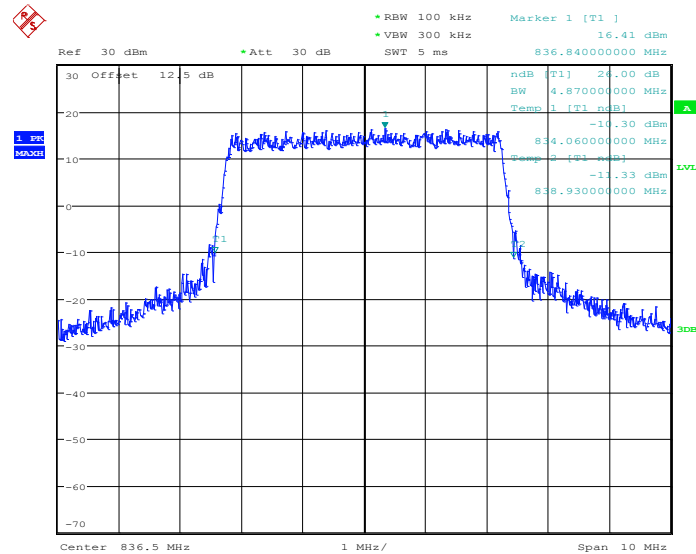


99% Occupied Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:18:46

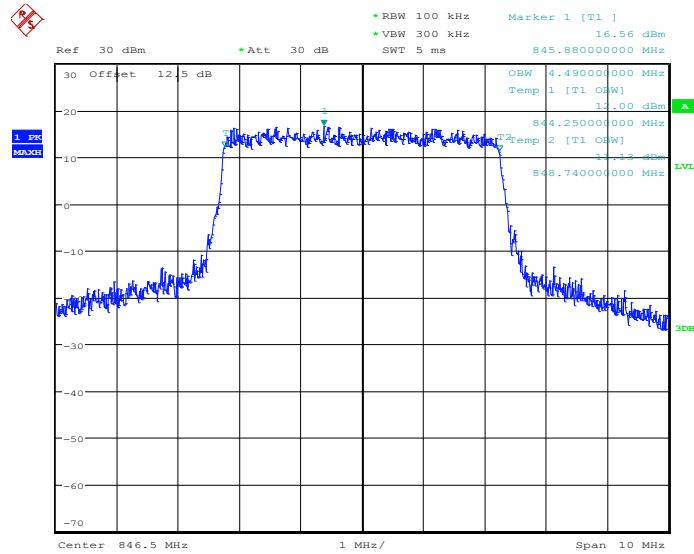
26dB Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:19:21

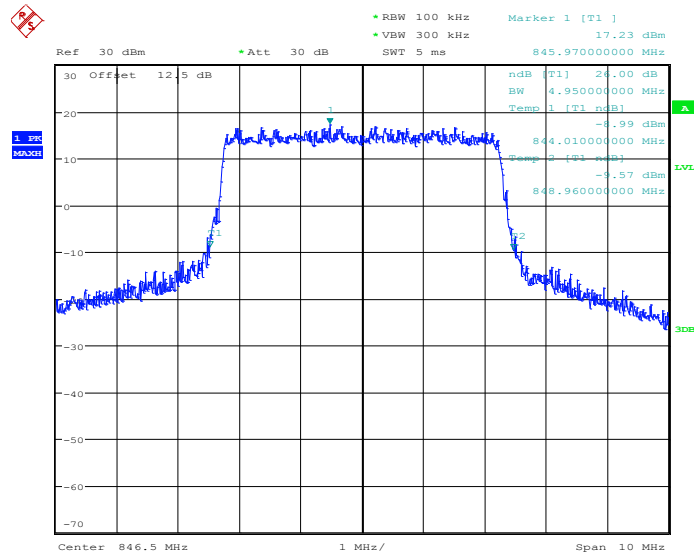


99% Occupied Bandwidth Plot on Channel 20625



Date: 10.JUL.2014 00:21:57

26dB Bandwidth Plot on Channel 20625

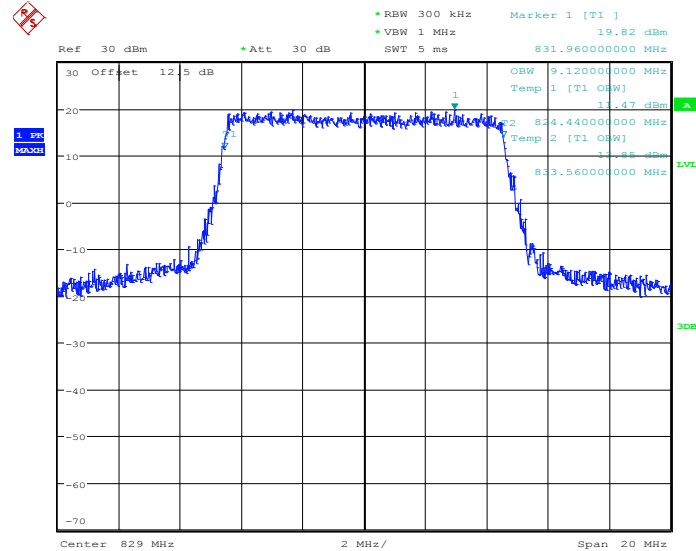


Date: 10.JUL.2014 00:22:37



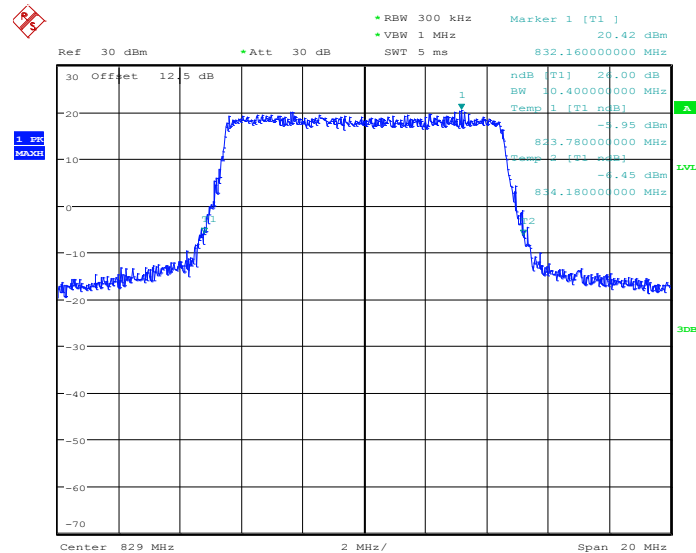
Band :	LTE Band 5	BW / Mod. :	10MHz / QPSK
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 20450



Date: 10.JUL.2014 00:28:14

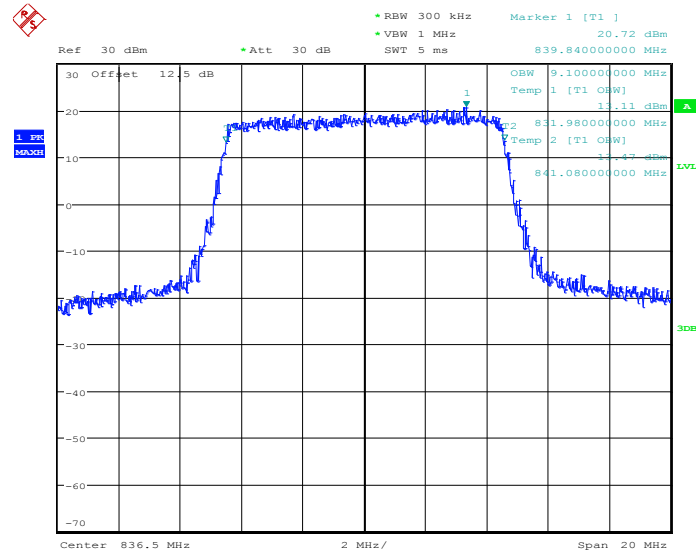
26dB Bandwidth Plot on Channel 20450



Date: 10.JUL.2014 00:28:52

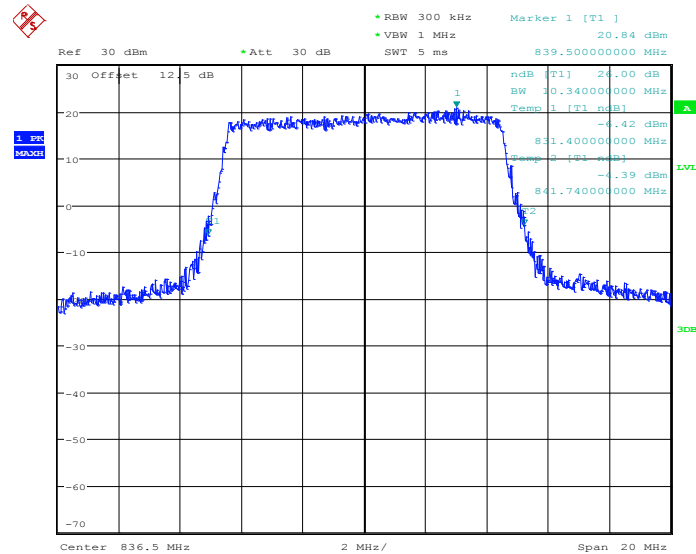


99% Occupied Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:34:54

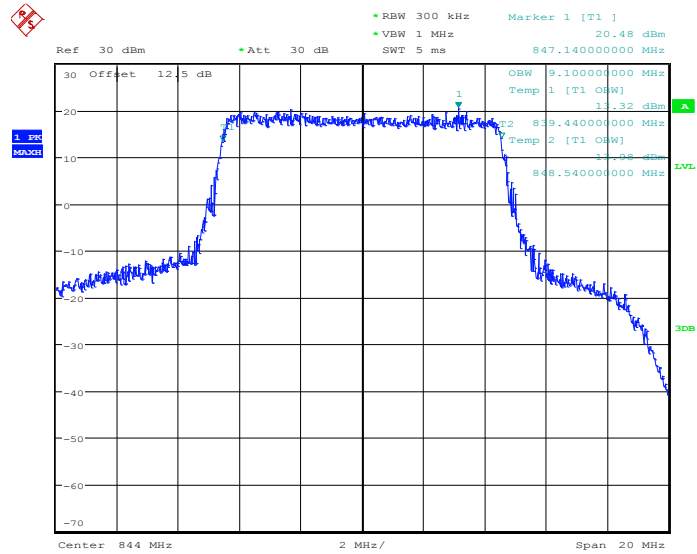
26dB Bandwidth Plot on Channel 20525



Date: 10.JUL.2014 00:35:33

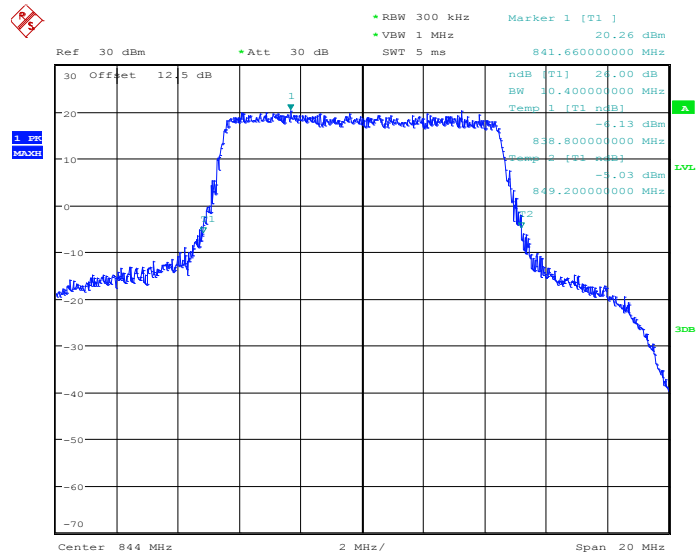


99% Occupied Bandwidth Plot on Channel 20600



Date: 10.JUL.2014 00:38:21

26dB Bandwidth Plot on Channel 20600

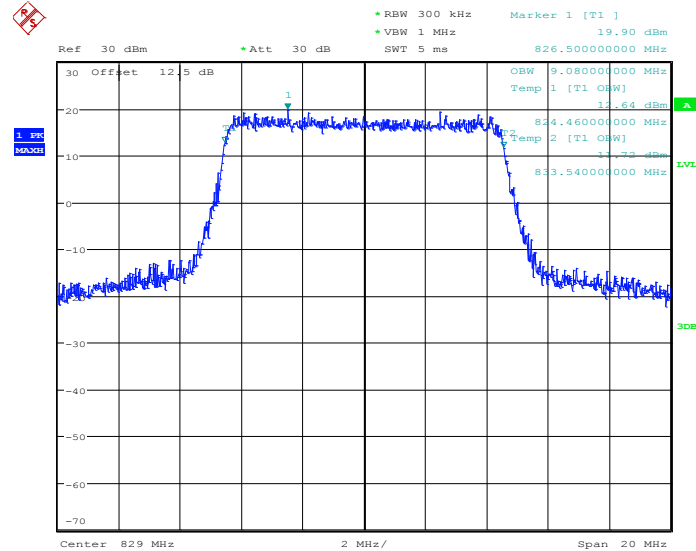


Date: 10.JUL.2014 00:39:02



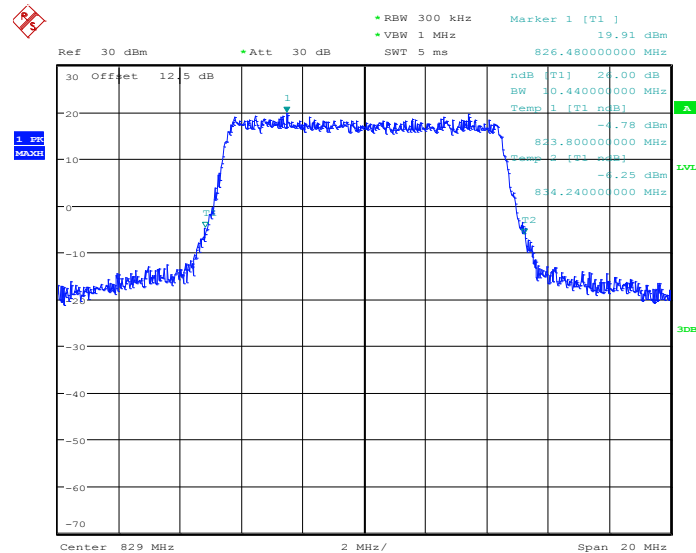
Band :	LTE Band 5	BW / Mod. :	10MHz / 16QAM
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 20450



Date: 10.JUL.2014 00:28:32

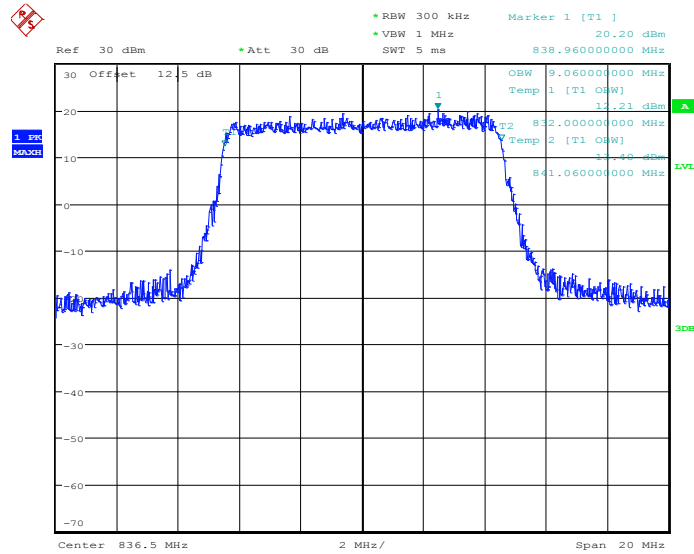
26dB Bandwidth Plot on Channel 20450



Date: 10.JUL.2014 00:29:11

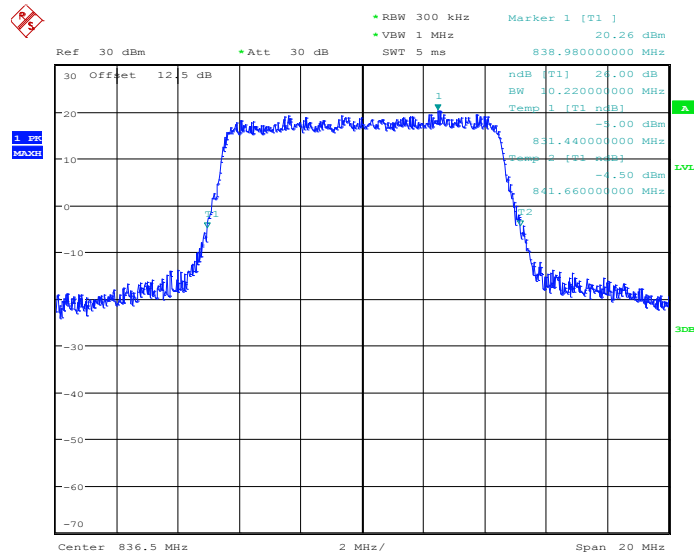


99% Occupied Bandwidth Plot on Channel 20525



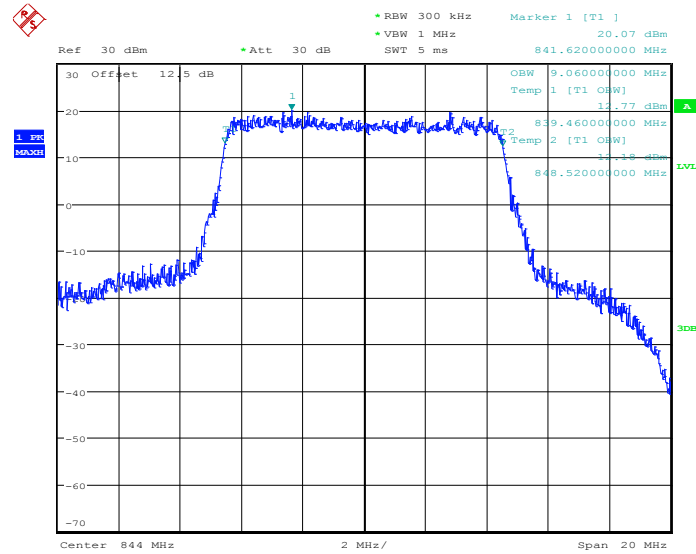
Date: 10.JUL.2014 00:35:13

26dB Bandwidth Plot on Channel 20525



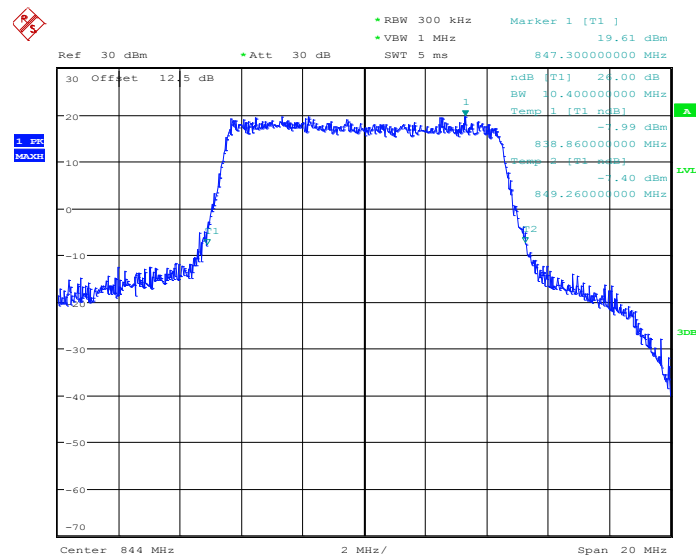
Date: 10.JUL.2014 00:35:54

99% Occupied Bandwidth Plot on Channel 20600



Date: 10.JUL.2014 00:38:41

26dB Bandwidth Plot on Channel 20600

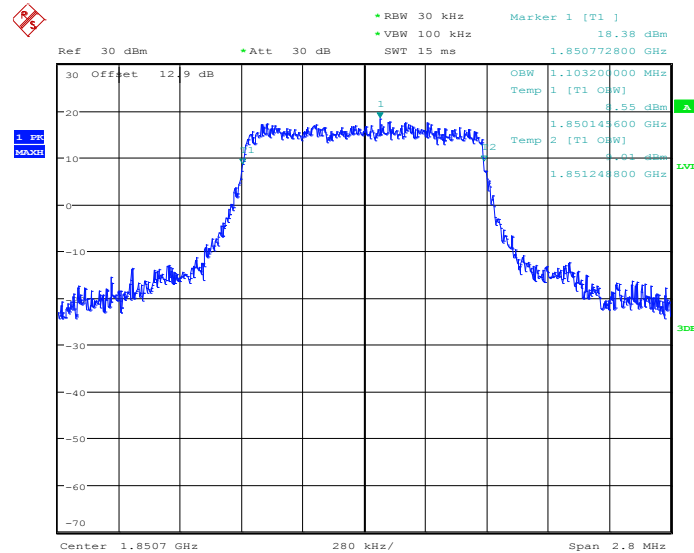


Date: 10.JUL.2014 00:39:24



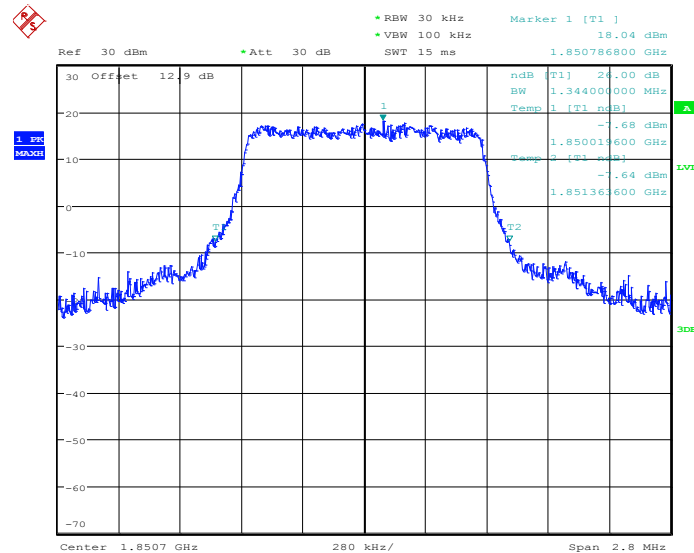
Band :	LTE Band 2	BW / Mod. :	1.4MHz / QPSK
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 18607



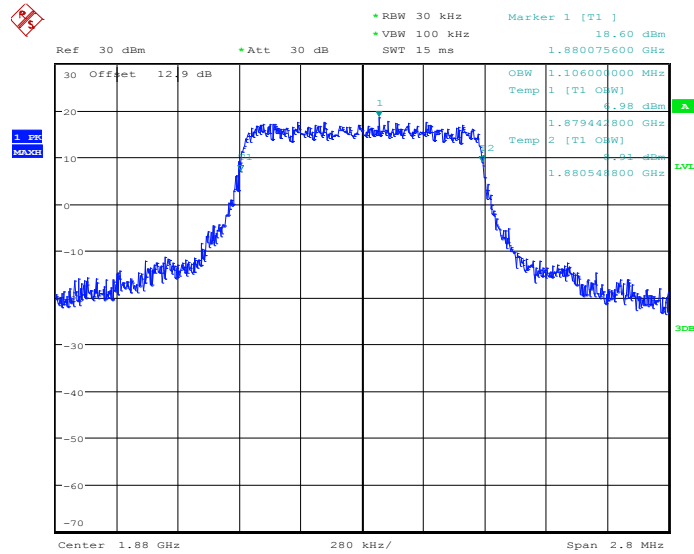
Date: 7.JUL.2014 23:46:55

26dB Bandwidth Plot on Channel 18607



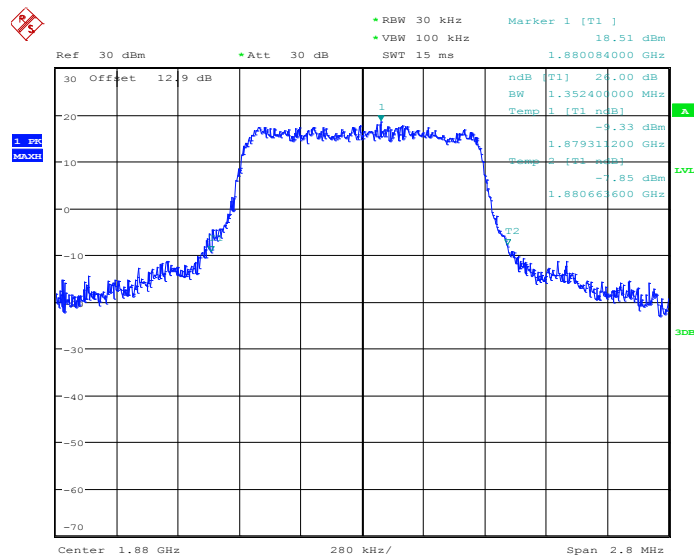
Date: 7.JUL.2014 23:47:25

99% Occupied Bandwidth Plot on Channel 18900



Date: 7.JUL.2014 23:52:55

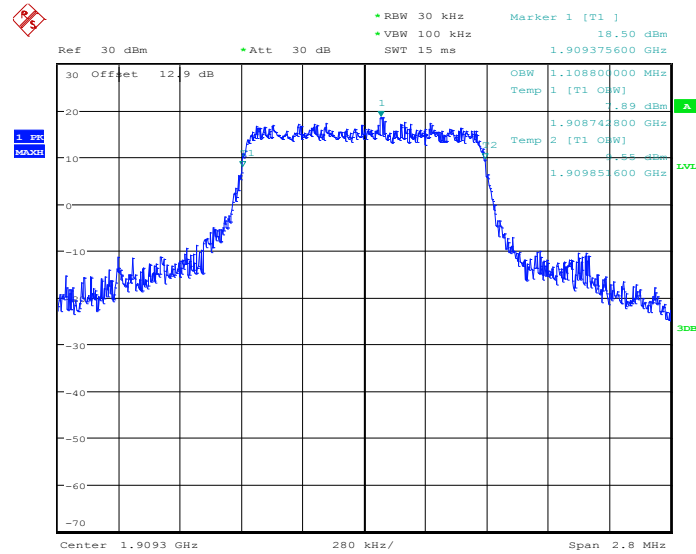
26dB Bandwidth Plot on Channel 18900



Date: 7.JUL.2014 23:53:25

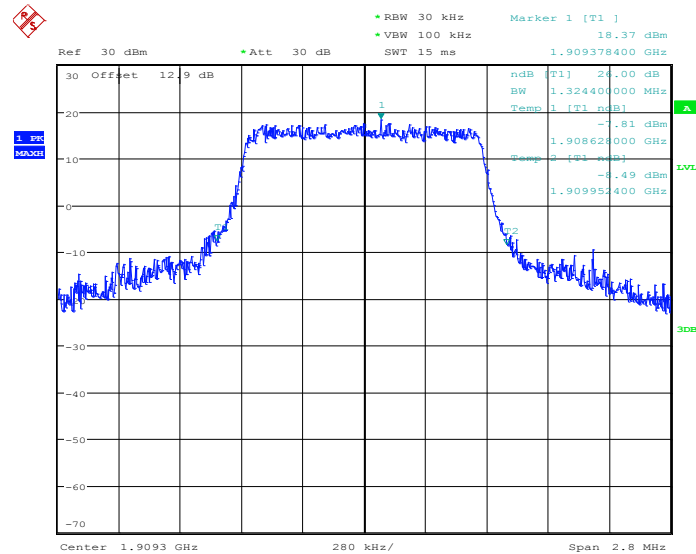


99% Occupied Bandwidth Plot on Channel 19193



Date: 7.JUL.2014 23:55:53

26dB Bandwidth Plot on Channel 19193

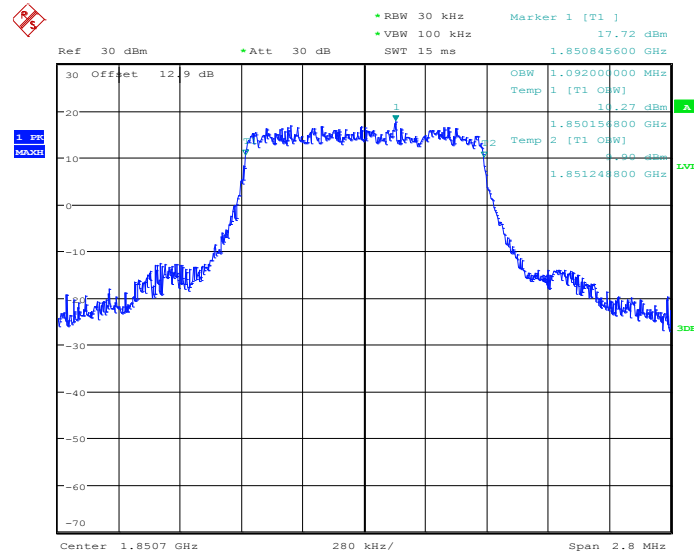


Date: 7.JUL.2014 23:56:23



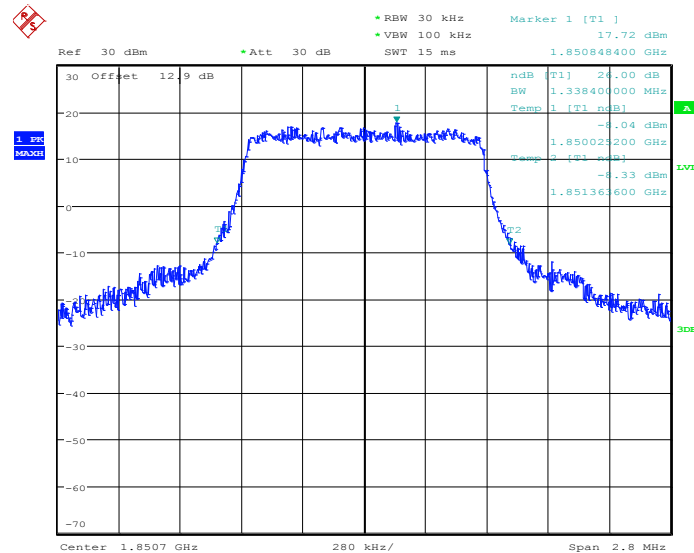
Band :	LTE Band 2	BW / Mod. :	1.4MHz / 16QAM
--------	------------	-------------	----------------

99% Occupied Bandwidth Plot on Channel 18607



Date: 7.JUL.2014 23:47:09

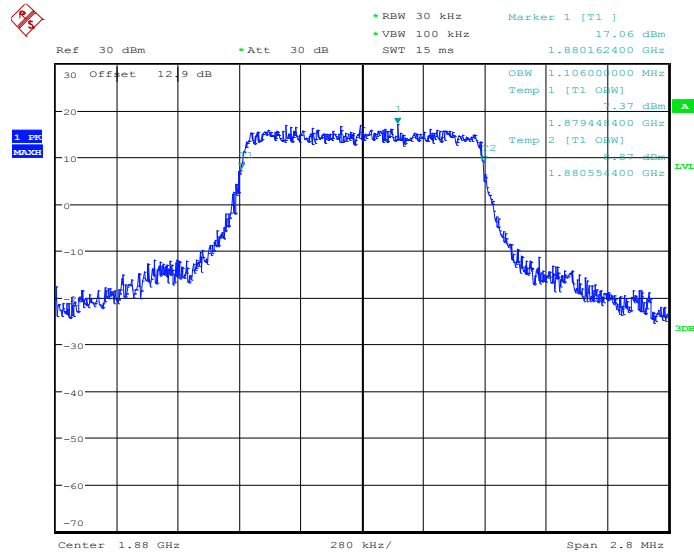
26dB Bandwidth Plot on Channel 18607



Date: 7.JUL.2014 23:47:41

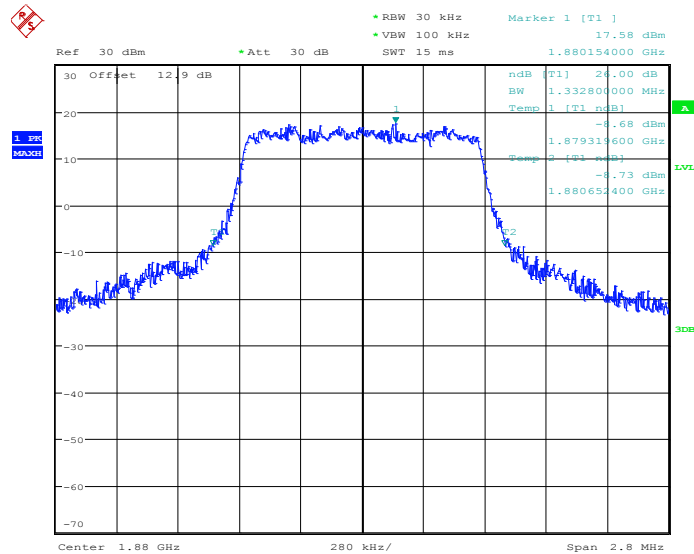


99% Occupied Bandwidth Plot on Channel 18900



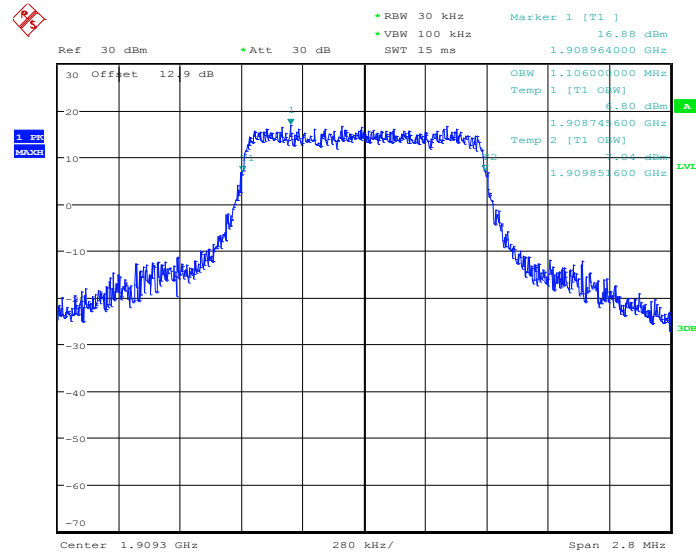
Date: 7.JUL.2014 23:53:09

26dB Bandwidth Plot on Channel 18900



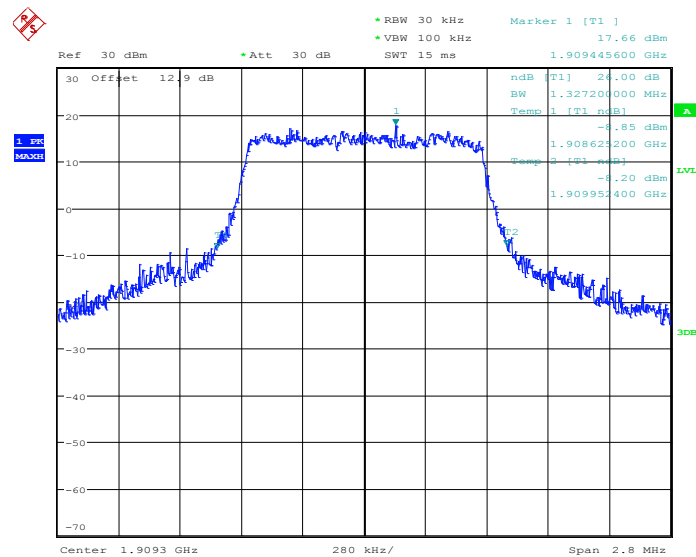
Date: 7.JUL.2014 23:53:42

99% Occupied Bandwidth Plot on Channel 19193



Date: 7.JUL.2014 23:56:07

26dB Bandwidth Plot on Channel 19193

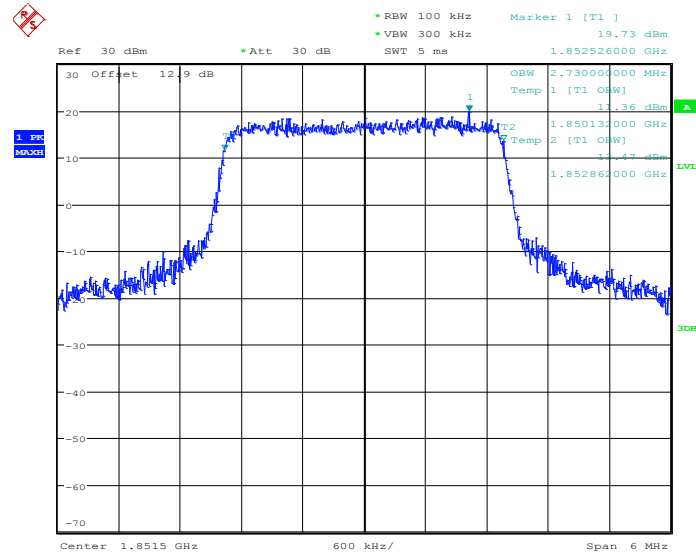


Date: 7.JUL.2014 23:56:39



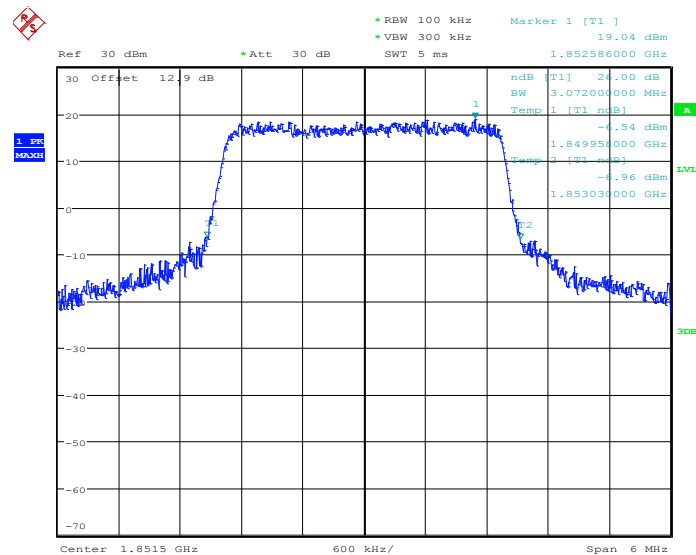
Band :	LTE Band 2	BW / Mod. :	3MHz / QPSK
--------	------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 18615



Date: 8.JUL.2014 00:01:53

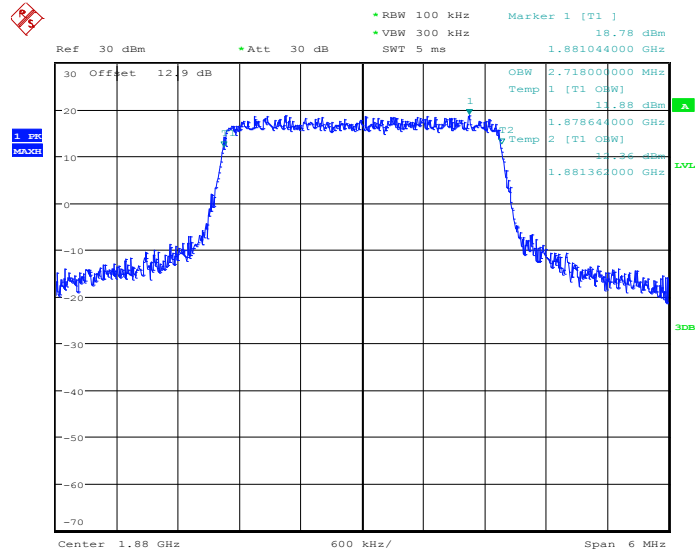
26dB Bandwidth Plot on Channel 18615



Date: 8.JUL.2014 00:02:23

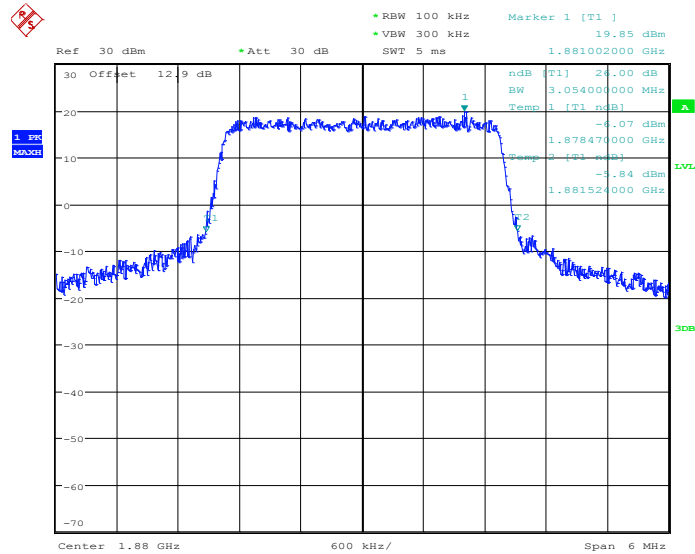


99% Occupied Bandwidth Plot on Channel 18900



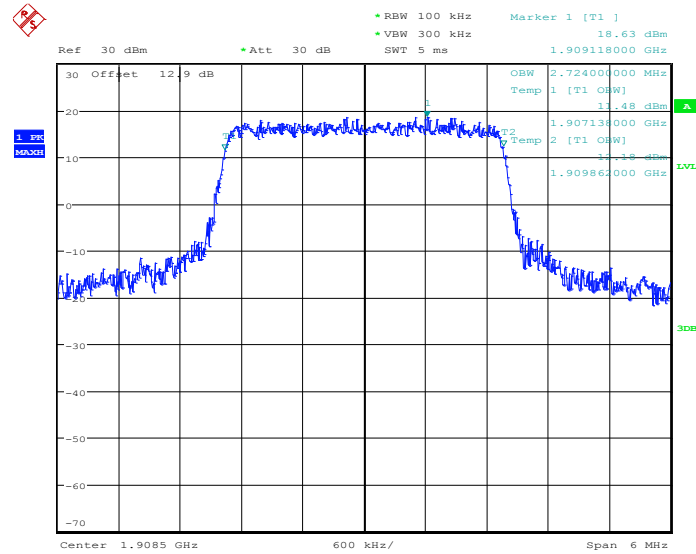
Date: 8.JUL.2014 00:07:53

26dB Bandwidth Plot on Channel 18900



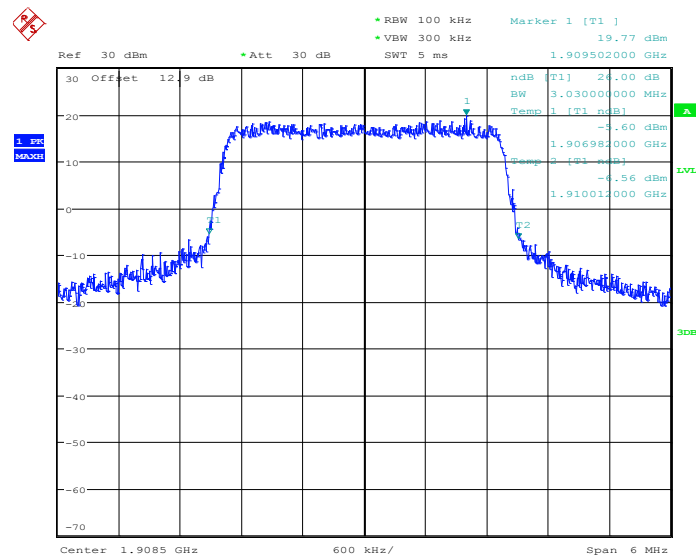
Date: 8.JUL.2014 00:08:23

99% Occupied Bandwidth Plot on Channel 19185



Date: 8.JUL.2014 00:10:51

26dB Bandwidth Plot on Channel 19185

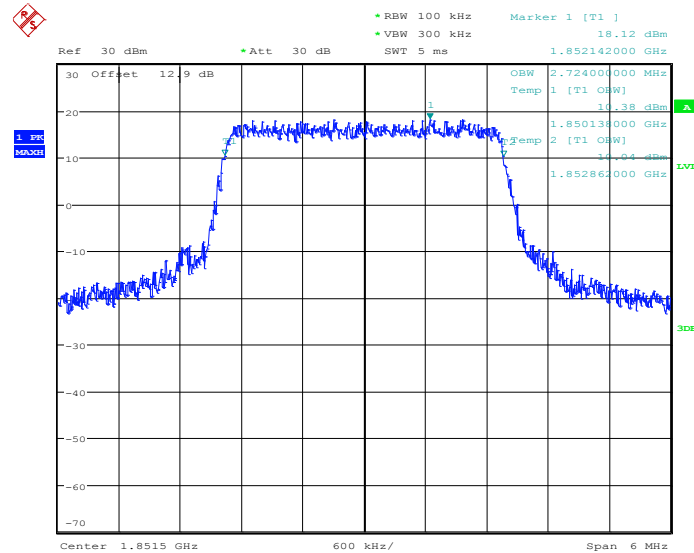


Date: 8.JUL.2014 00:11:22



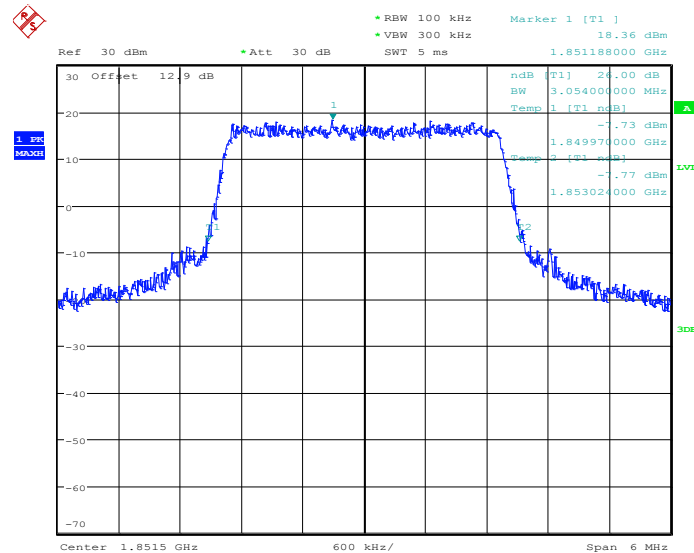
Band :	LTE Band 2	BW / Mod. :	3MHz / 16QAM
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 18615



Date: 8.JUL.2014 00:02:07

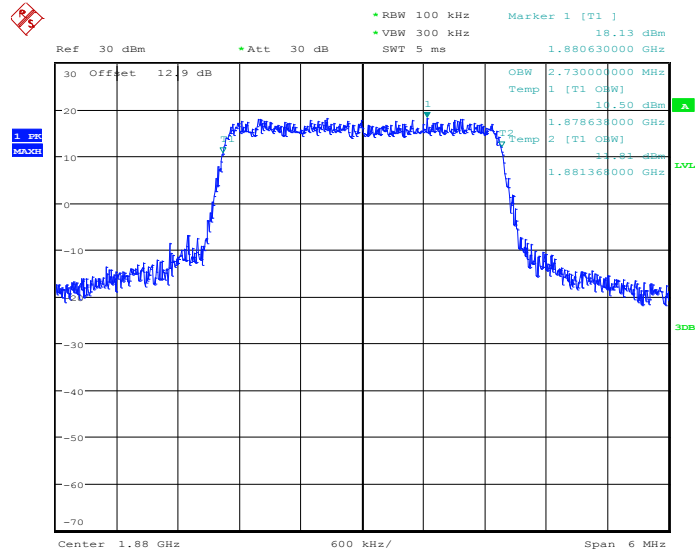
26dB Bandwidth Plot on Channel 18615



Date: 8.JUL.2014 00:02:39

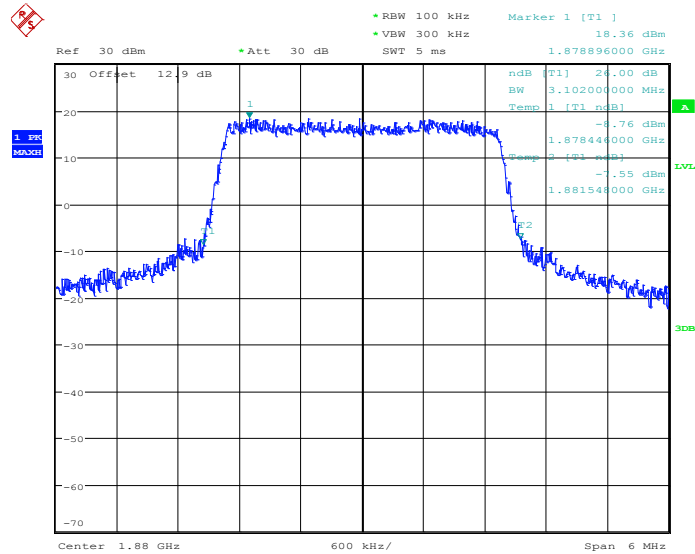


99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:08:07

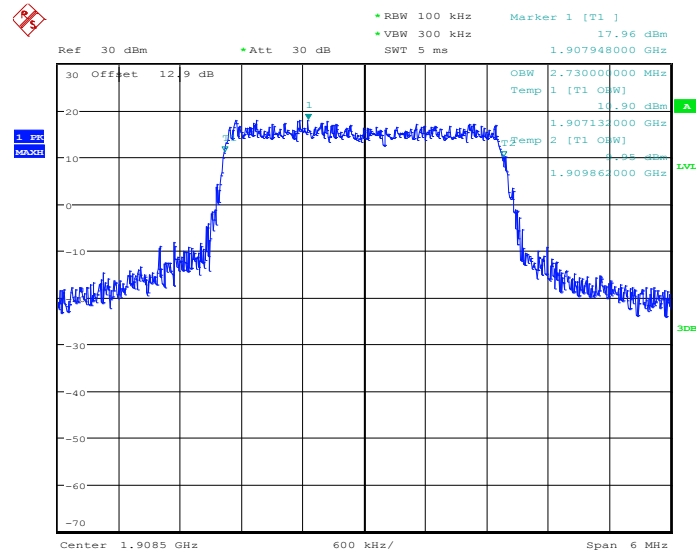
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:08:40

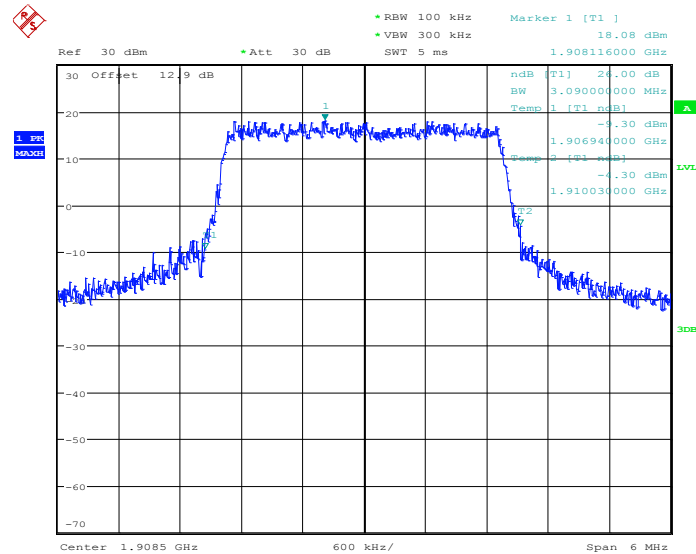


99% Occupied Bandwidth Plot on Channel 19185



Date: 8.JUL.2014 00:11:05

26dB Bandwidth Plot on Channel 19185

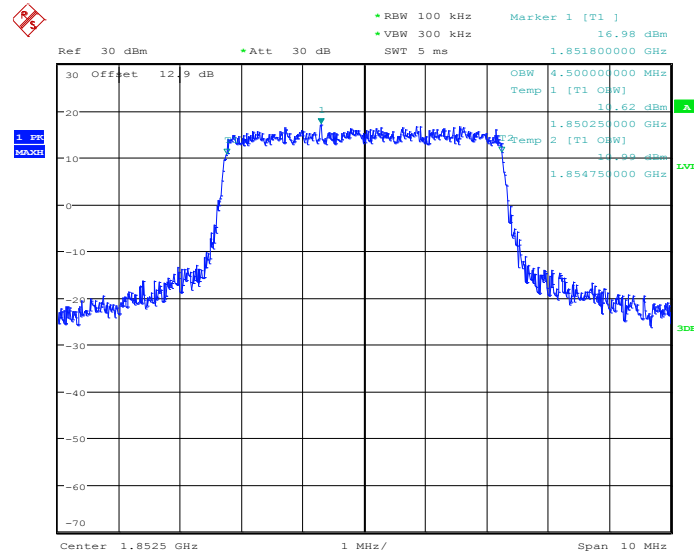


Date: 8.JUL.2014 00:11:38



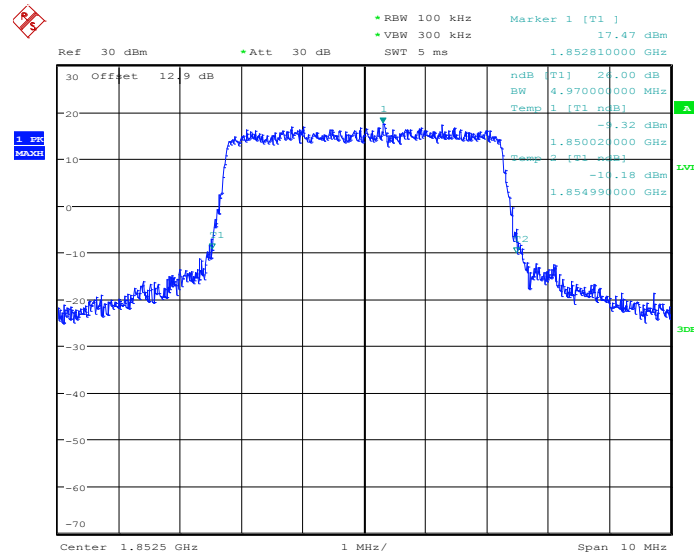
Band :	LTE Band 2	BW / Mod. :	5MHz / QPSK
--------	------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 18625



Date: 8.JUL.2014 00:16:58

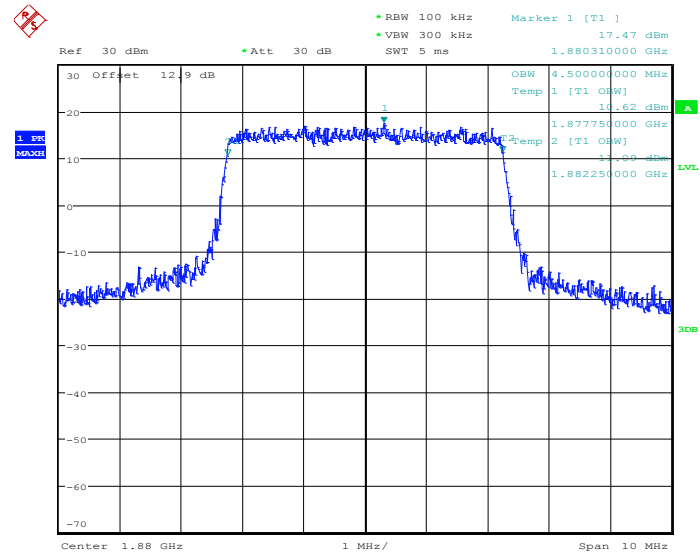
26dB Bandwidth Plot on Channel 18625



Date: 8.JUL.2014 00:17:32

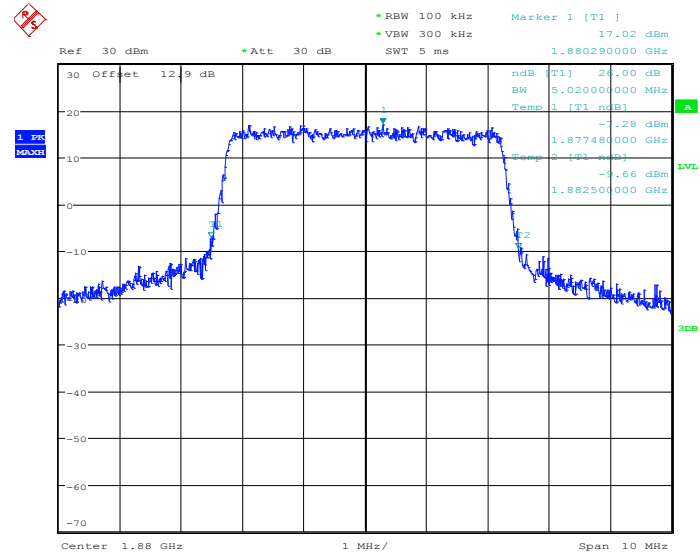


99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:23:18

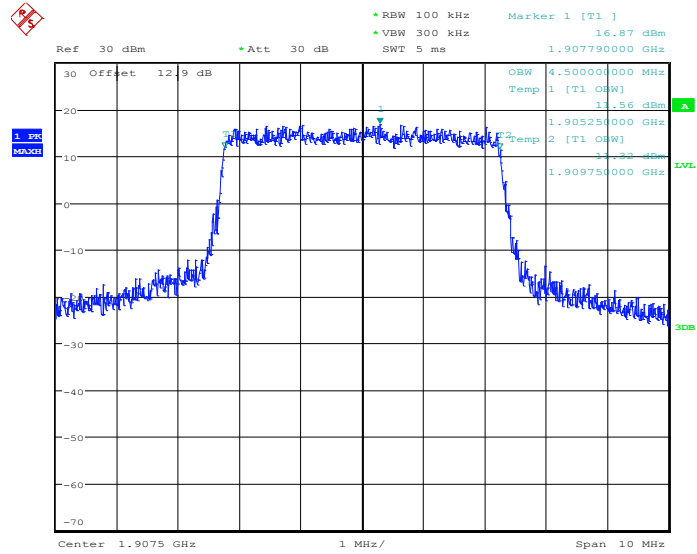
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:23:53

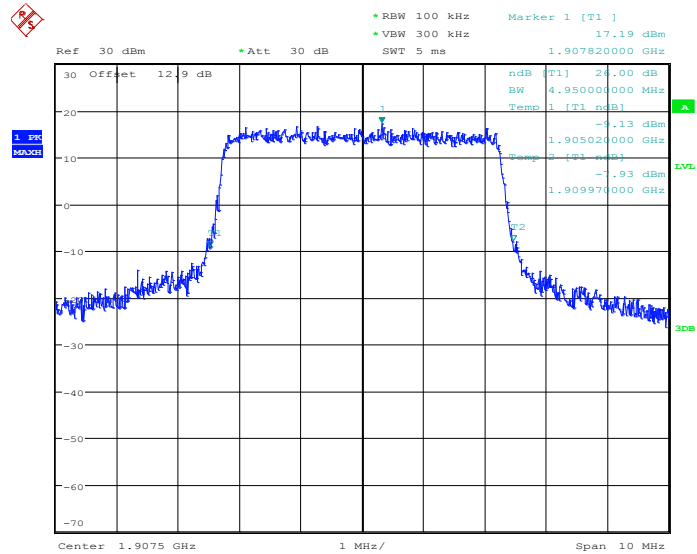


99% Occupied Bandwidth Plot on Channel 19175



Date: 8.JUL.2014 00:26:34

26dB Bandwidth Plot on Channel 19175

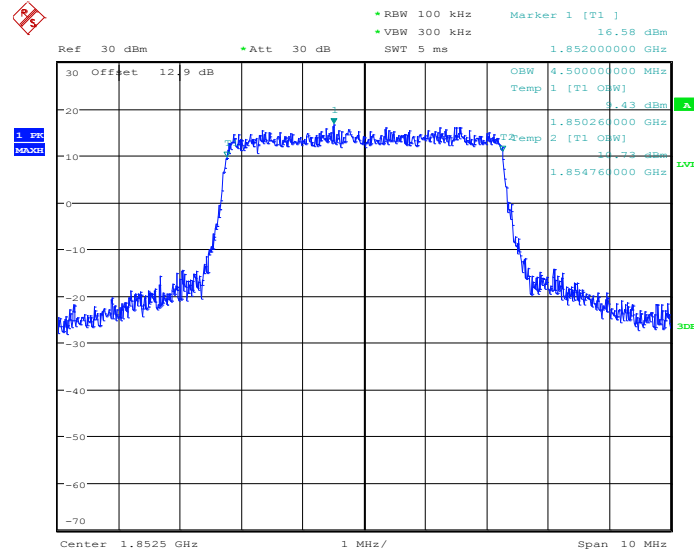


Date: 8.JUL.2014 00:27:12



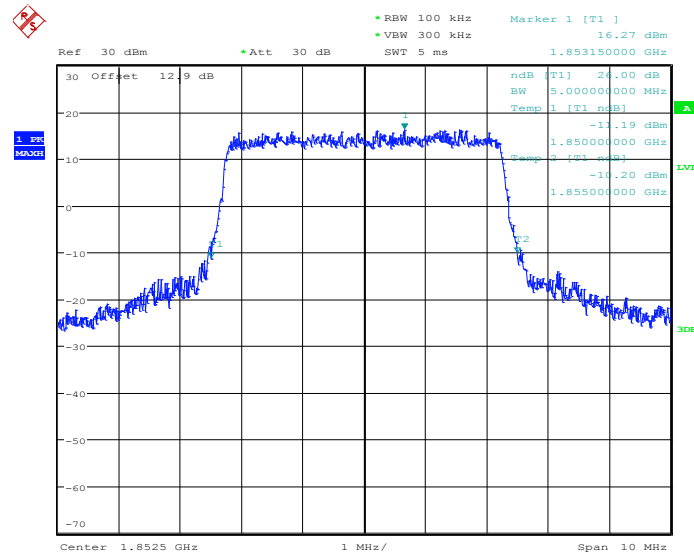
Band :	LTE Band 2	BW / Mod. :	5MHz / 16QAM
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 18625



Date: 8.JUL.2014 00:17:14

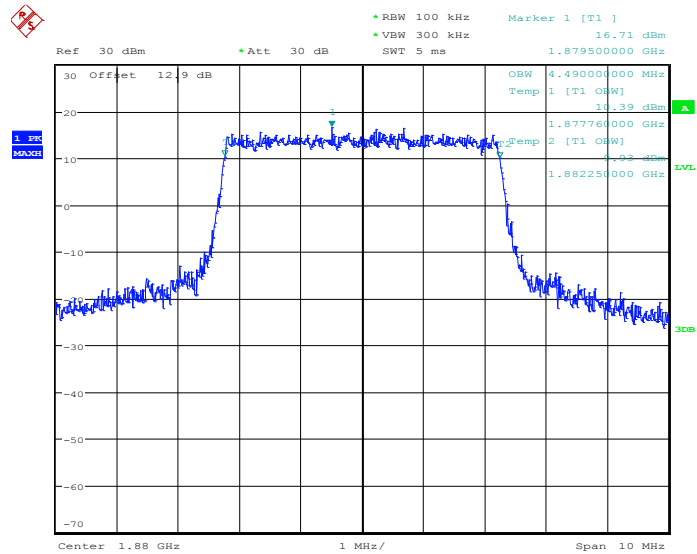
26dB Bandwidth Plot on Channel 18625



Date: 8.JUL.2014 00:17:49

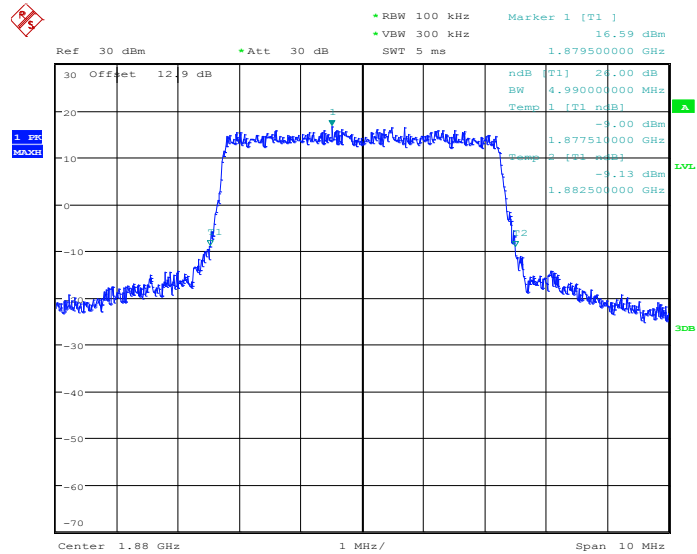


99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:23:34

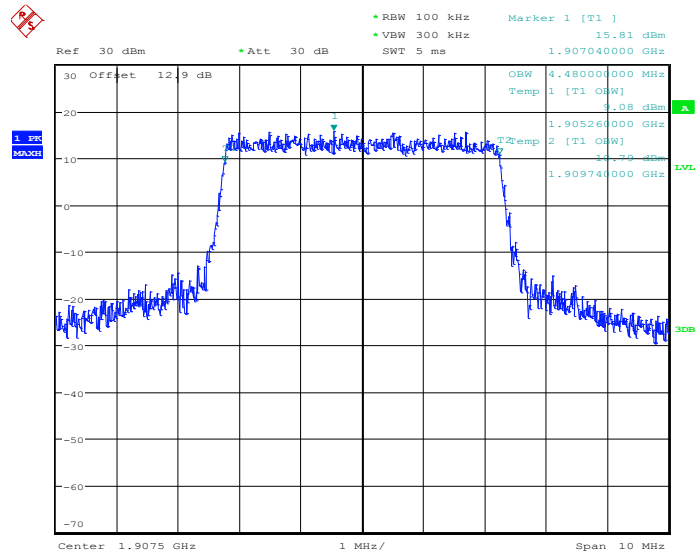
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:24:12

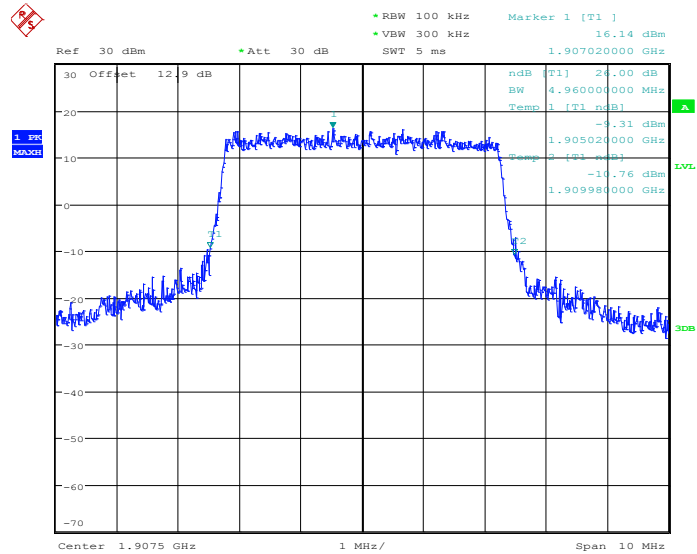


99% Occupied Bandwidth Plot on Channel 19175



Date: 8.JUL.2014 00:26:53

26dB Bandwidth Plot on Channel 19175

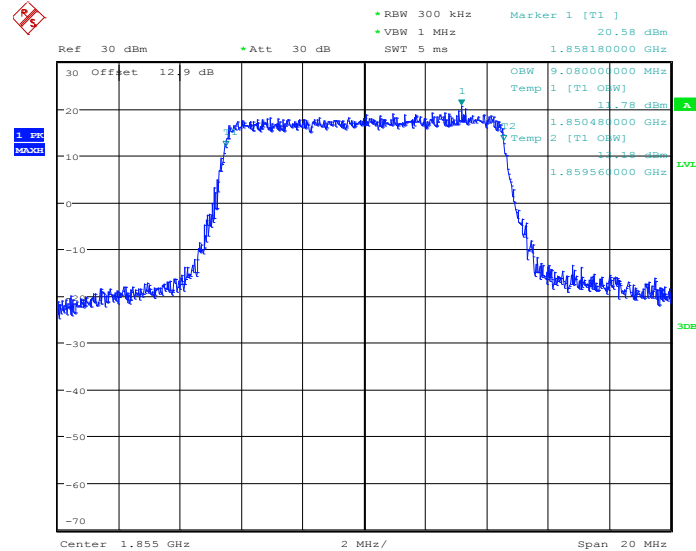


Date: 8.JUL.2014 00:27:31



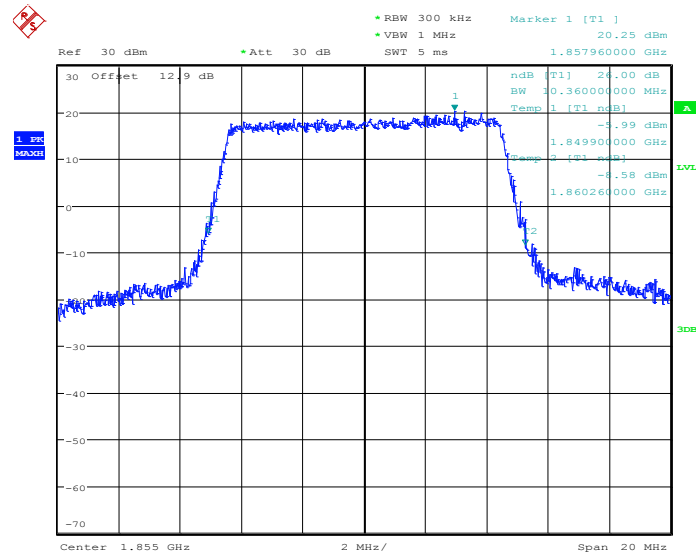
Band :	LTE Band 2	BW / Mod. :	10MHz / QPSK
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 18650



Date: 8.JUL.2014 00:33:16

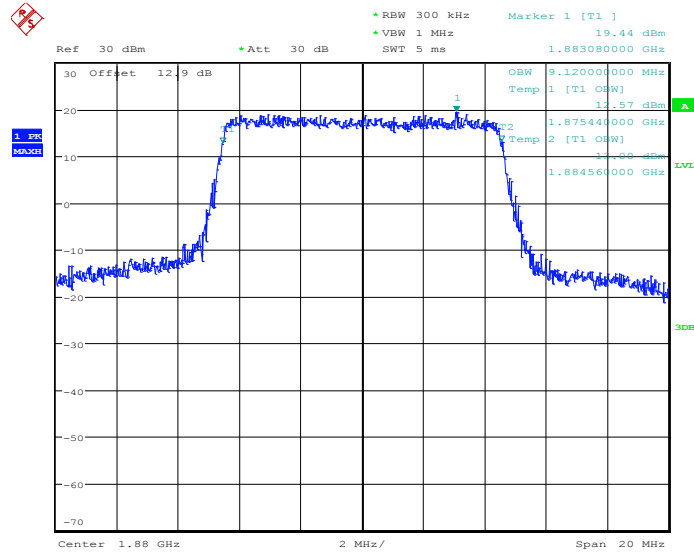
26dB Bandwidth Plot on Channel 18650



Date: 8.JUL.2014 00:33:55

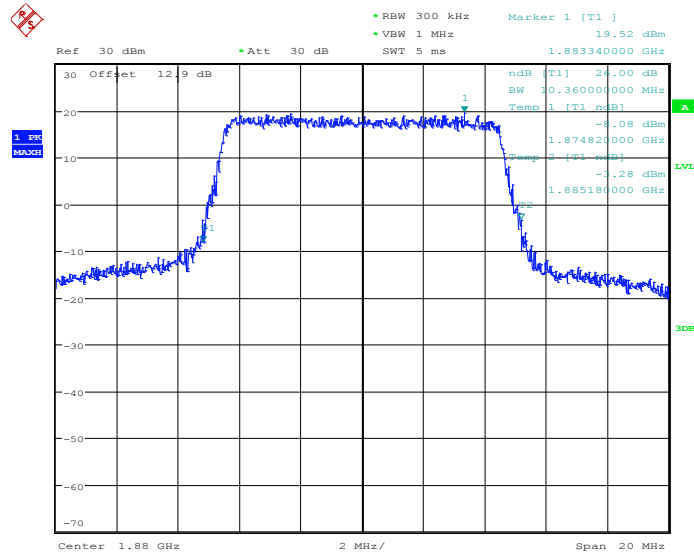


99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:40:05

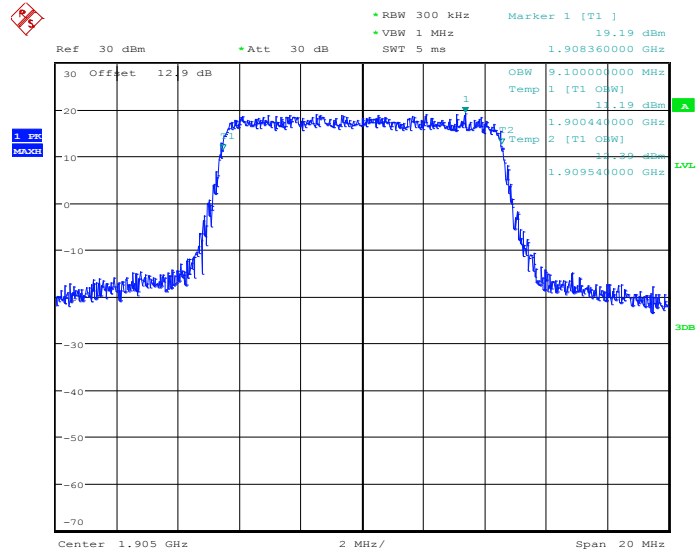
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:40:46

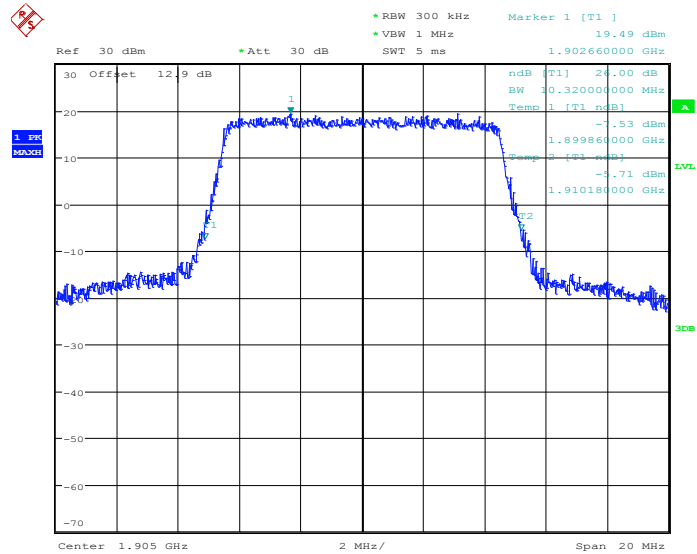


99% Occupied Bandwidth Plot on Channel 19150



Date: 8.JUL.2014 00:43:38

26dB Bandwidth Plot on Channel 19150

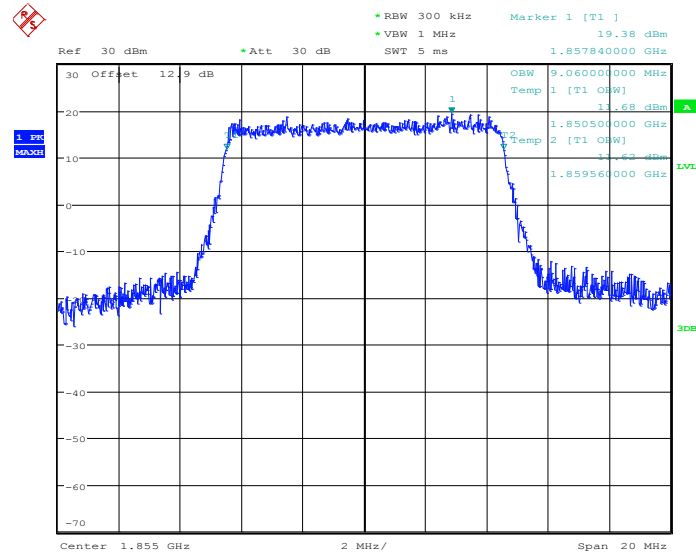


Date: 8.JUL.2014 00:44:22



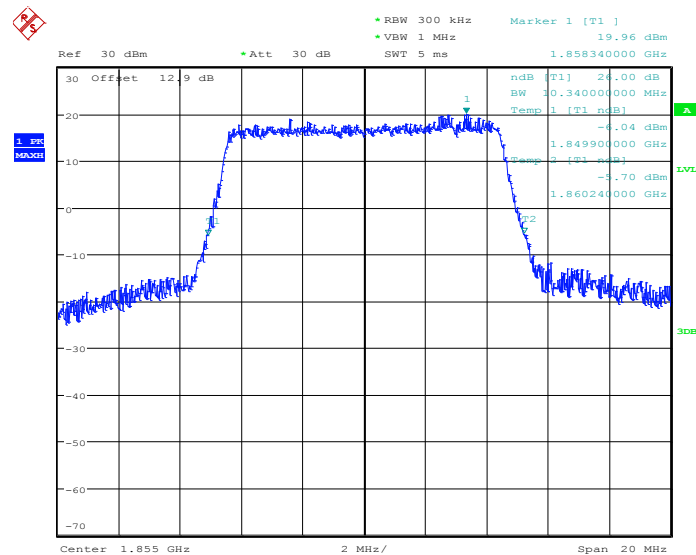
Band :	LTE Band 2	BW / Mod. :	10MHz / 16QAM
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 18650



Date: 8.JUL.2014 00:33:34

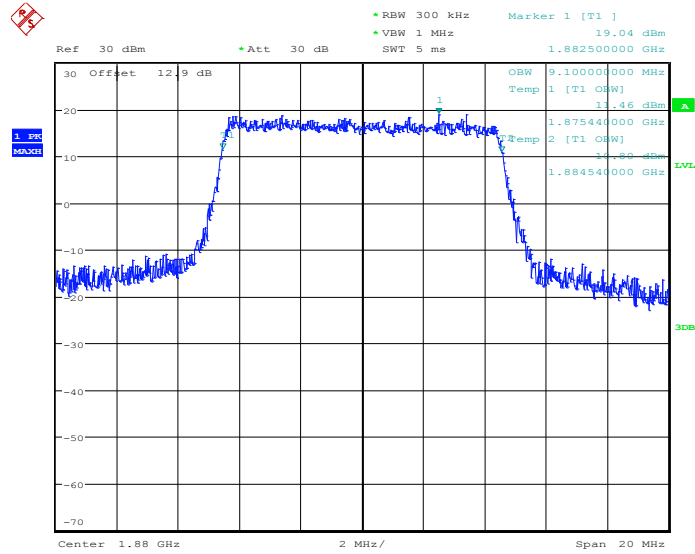
26dB Bandwidth Plot on Channel 18650



Date: 8.JUL.2014 00:34:16

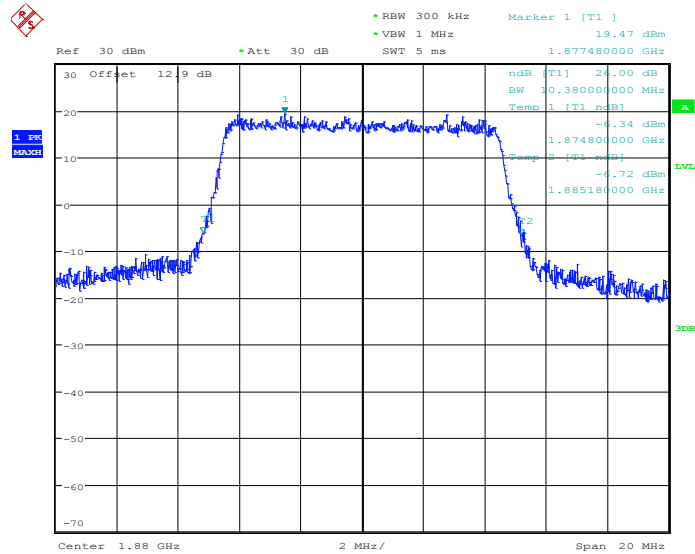


99% Occupied Bandwidth Plot on Channel 18900



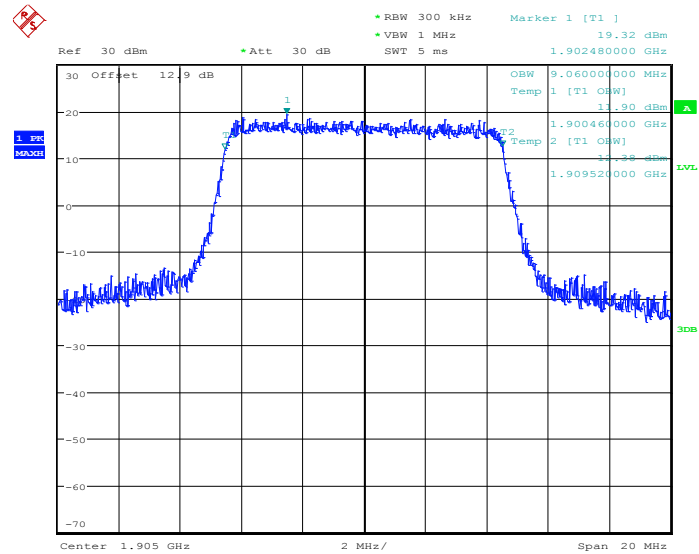
Date: 8.JUL.2014 00:40:25

26dB Bandwidth Plot on Channel 18900



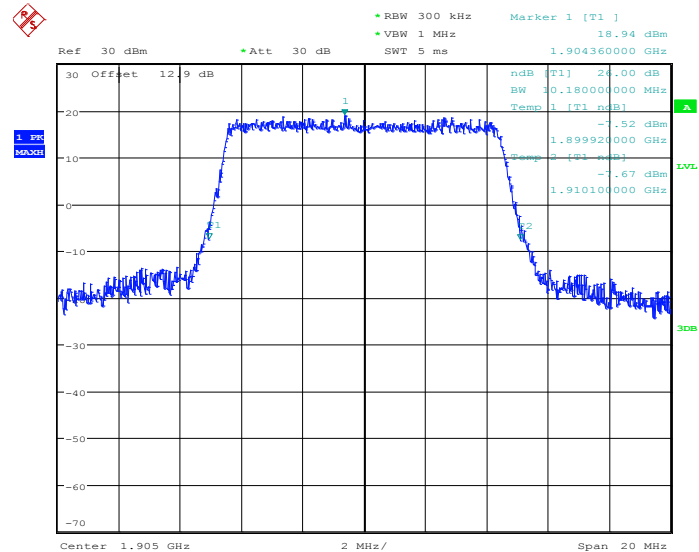
Date: 8.JUL.2014 00:41:08

99% Occupied Bandwidth Plot on Channel 19150



Date: 8.JUL.2014 00:43:59

26dB Bandwidth Plot on Channel 19150

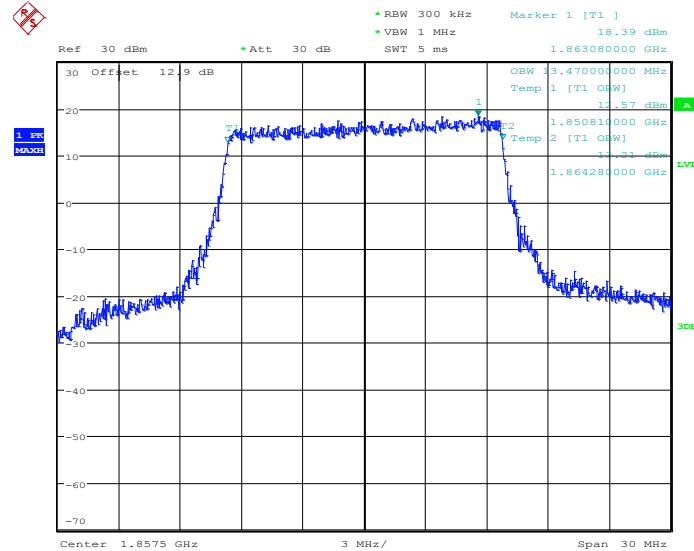


Date: 8.JUL.2014 00:44:45



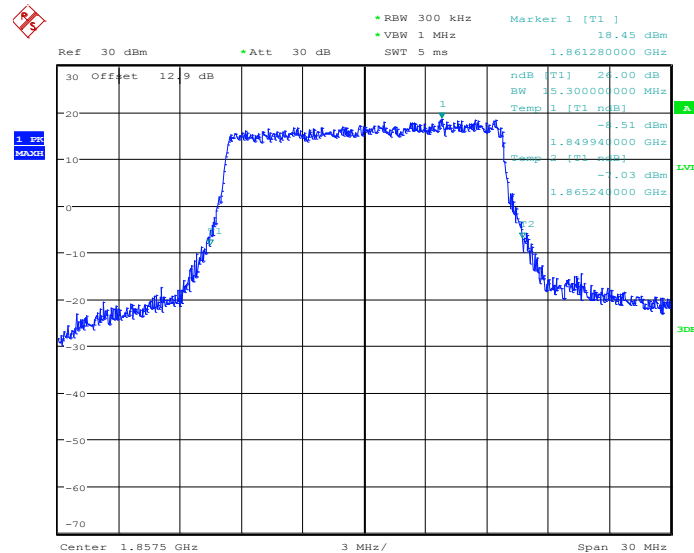
Band :	LTE Band 2	BW / Mod. :	15MHz / QPSK
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 18675



Date: 8.JUL.2014 00:50:49

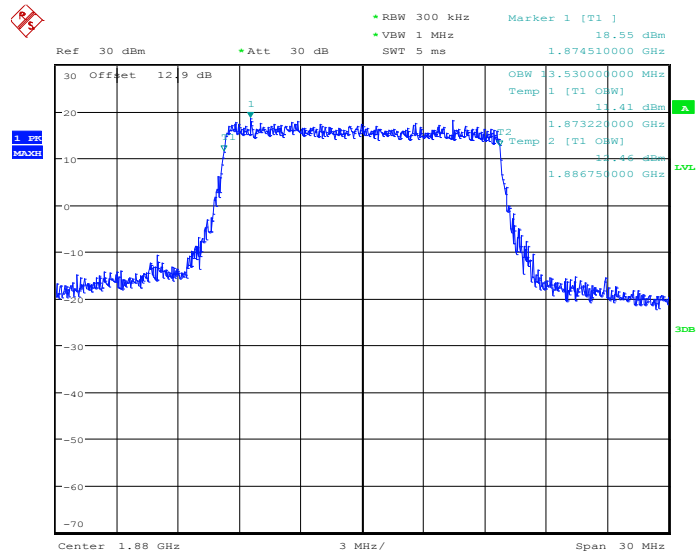
26dB Bandwidth Plot on Channel 18675



Date: 8.JUL.2014 00:51:34

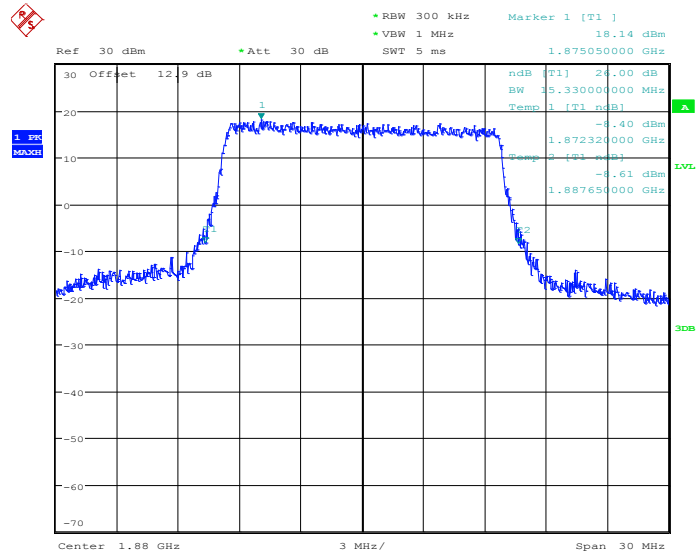


99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:58:11

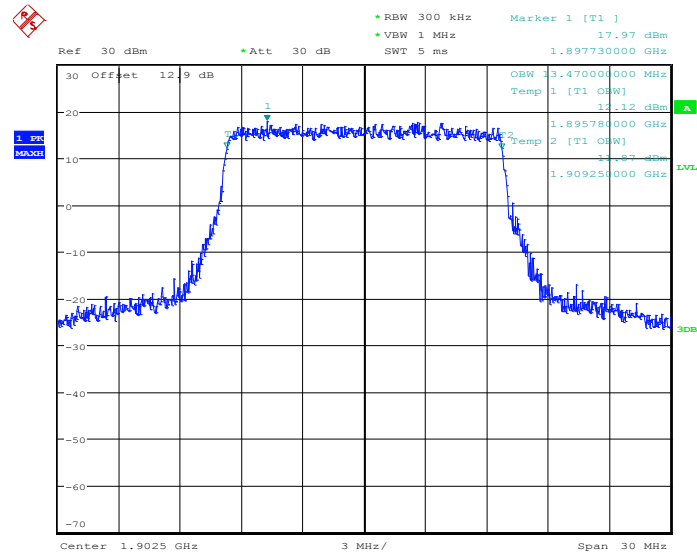
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:58:59

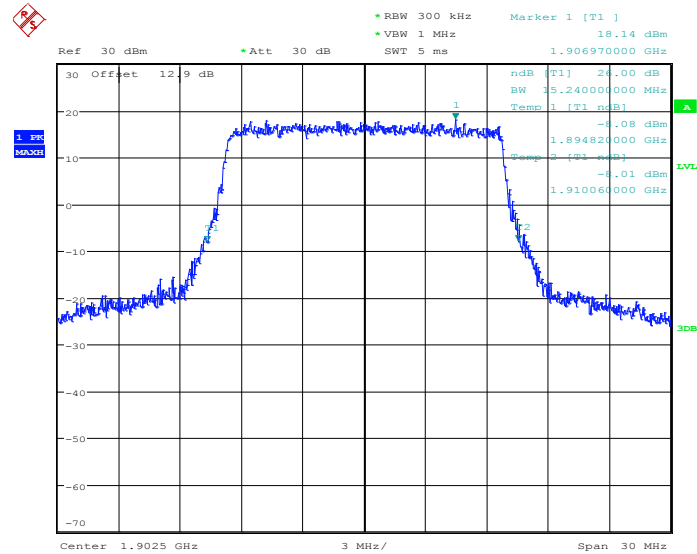


99% Occupied Bandwidth Plot on Channel 19125



Date: 8.JUL.2014 01:02:05

26dB Bandwidth Plot on Channel 19125

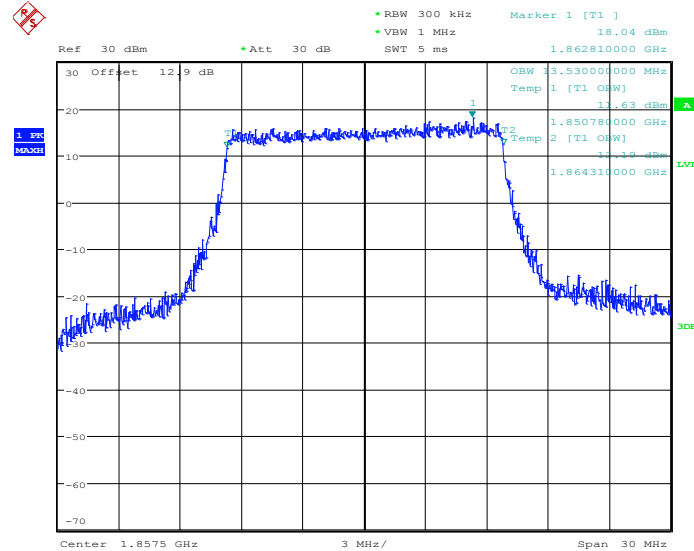


Date: 8.JUL.2014 01:02:55



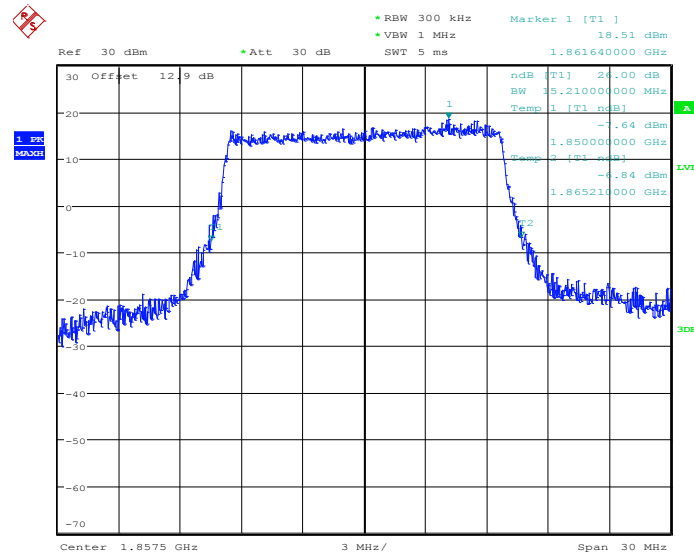
Band :	LTE Band 2	BW / Mod. :	15MHz / 16QAM
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 18675



Date: 8.JUL.2014 00:51:11

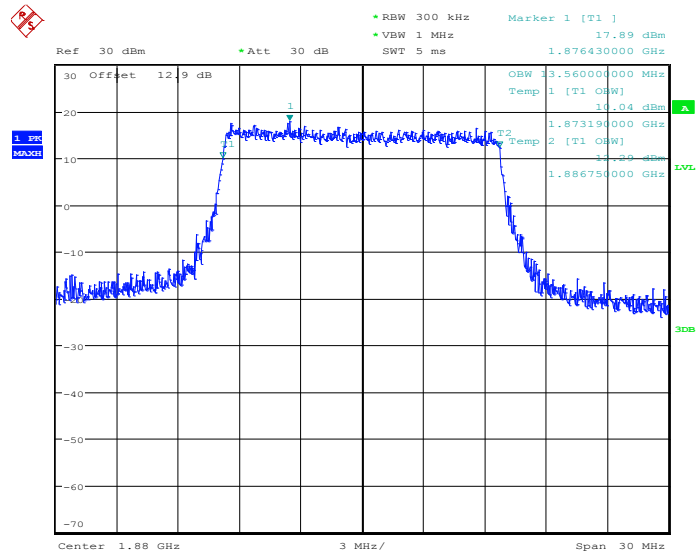
26dB Bandwidth Plot on Channel 18675



Date: 8.JUL.2014 00:51:58

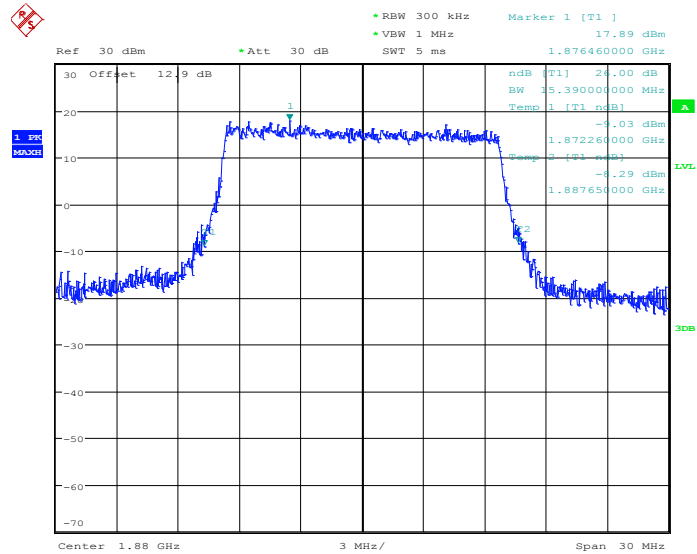


99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:58:34

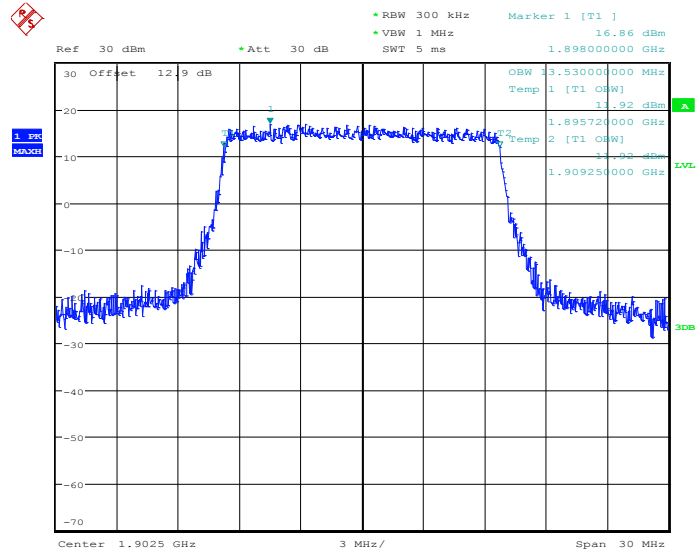
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 00:59:24

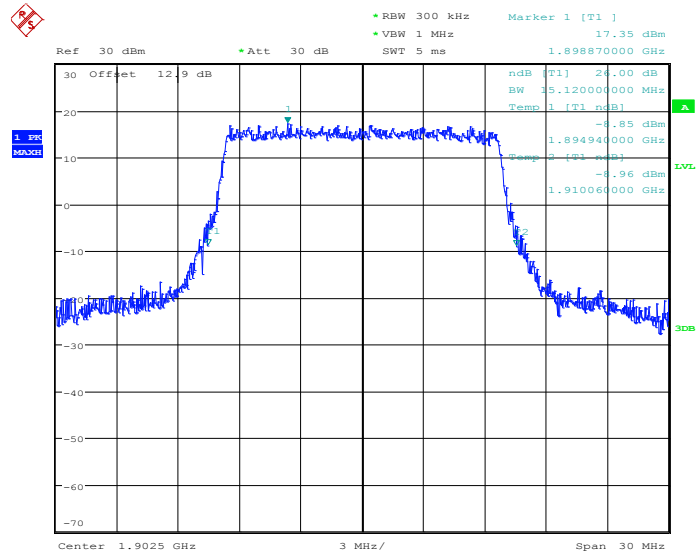


99% Occupied Bandwidth Plot on Channel 19125



Date: 8.JUL.2014 01:02:29

26dB Bandwidth Plot on Channel 19125

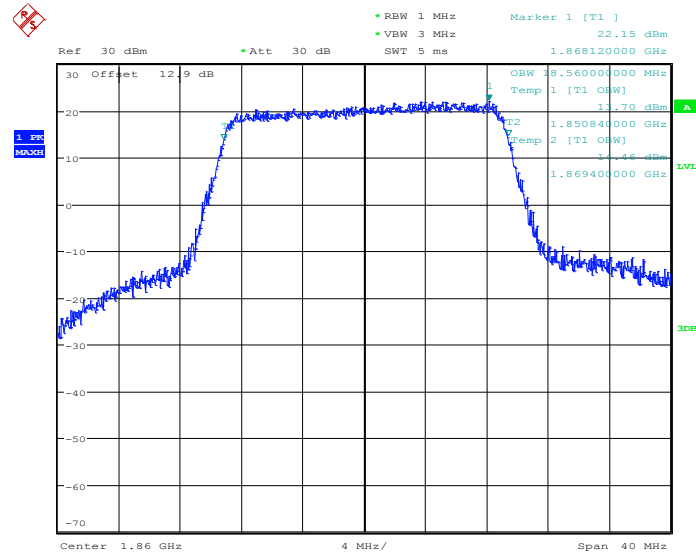


Date: 8.JUL.2014 01:03:23



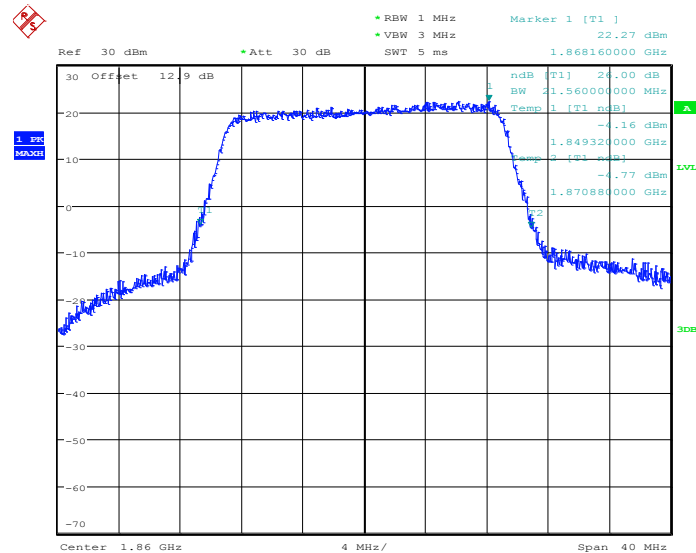
Band :	LTE Band 2	BW / Mod. :	20MHz / QPSK
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 18700



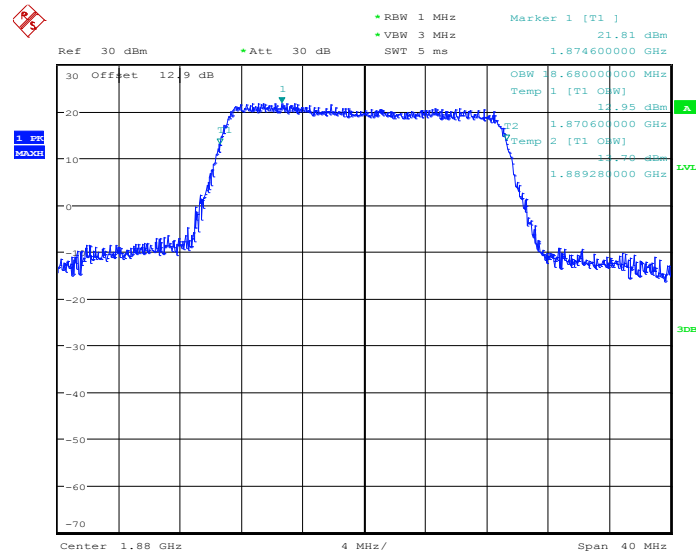
Date: 8.JUL.2014 01:09:52

26dB Bandwidth Plot on Channel 18700



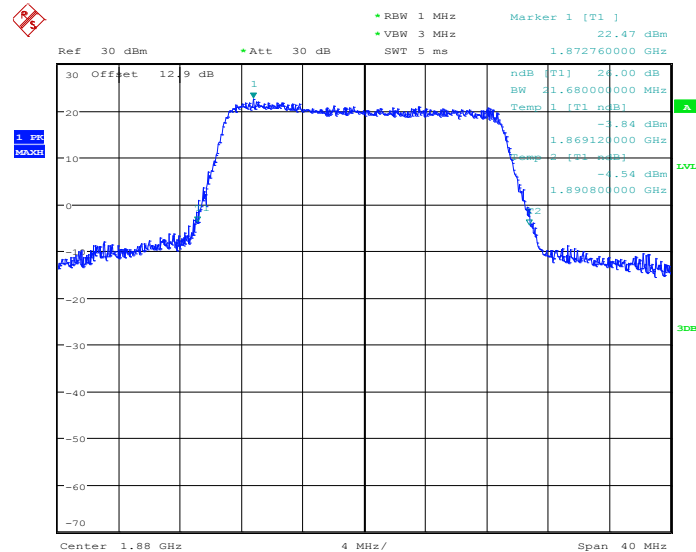
Date: 8.JUL.2014 01:10:45

99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 01:17:53

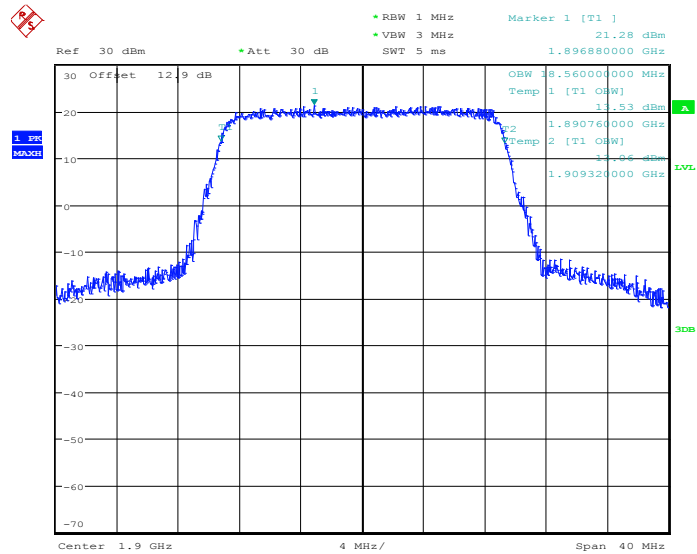
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 01:18:49

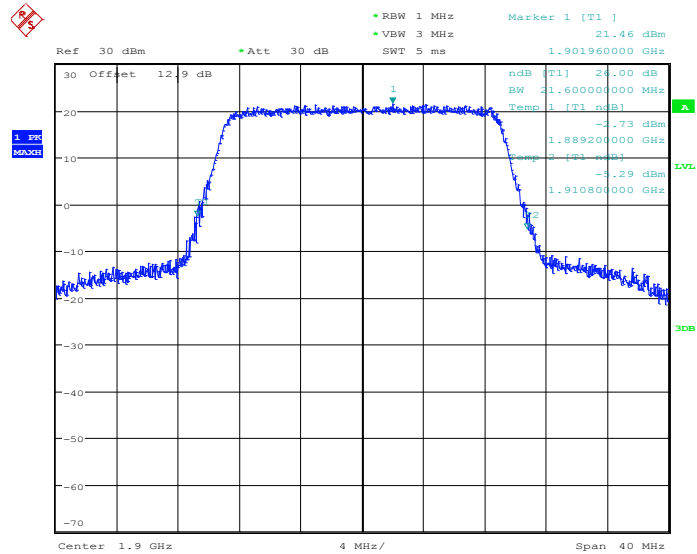


99% Occupied Bandwidth Plot on Channel 19100



Date: 8.JUL.2014 01:22:10

26dB Bandwidth Plot on Channel 19100

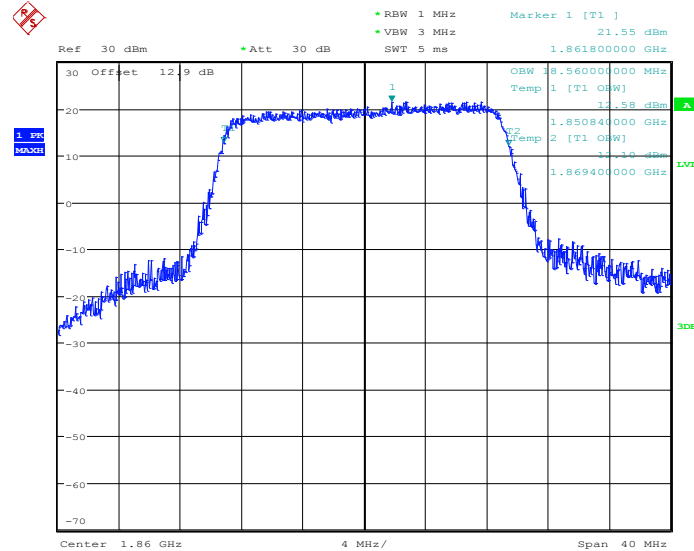


Date: 8.JUL.2014 01:23:08



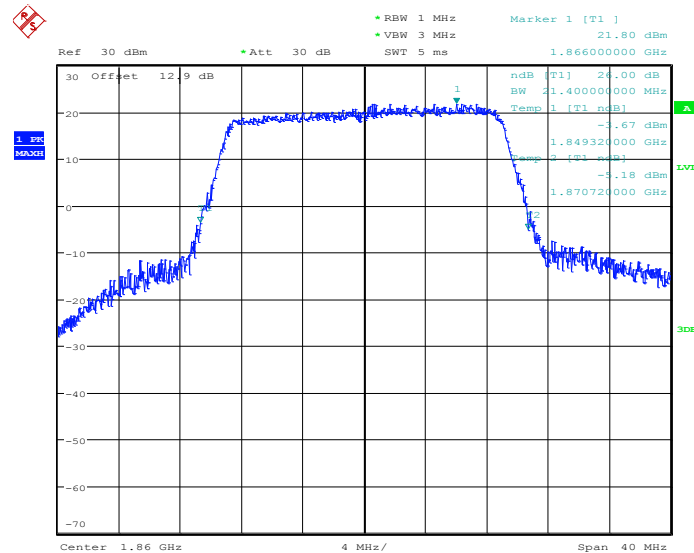
Band :	LTE Band 2	BW / Mod. :	20MHz / 16QAM
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 18700



Date: 8.JUL.2014 01:10:17

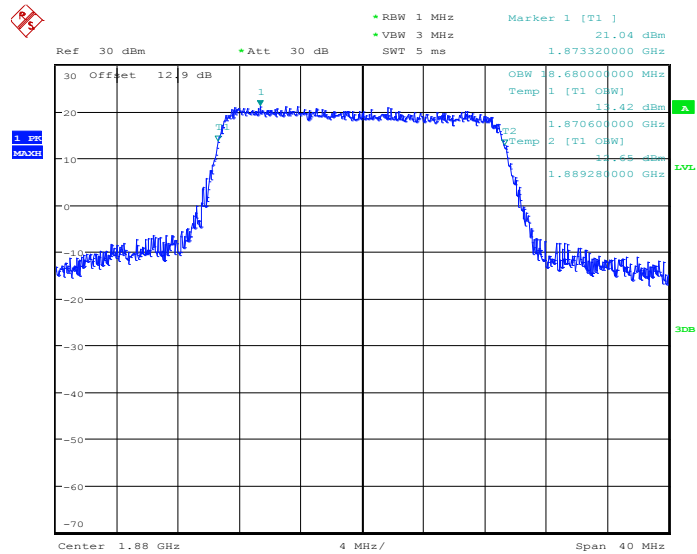
26dB Bandwidth Plot on Channel 18700



Date: 8.JUL.2014 01:11:12

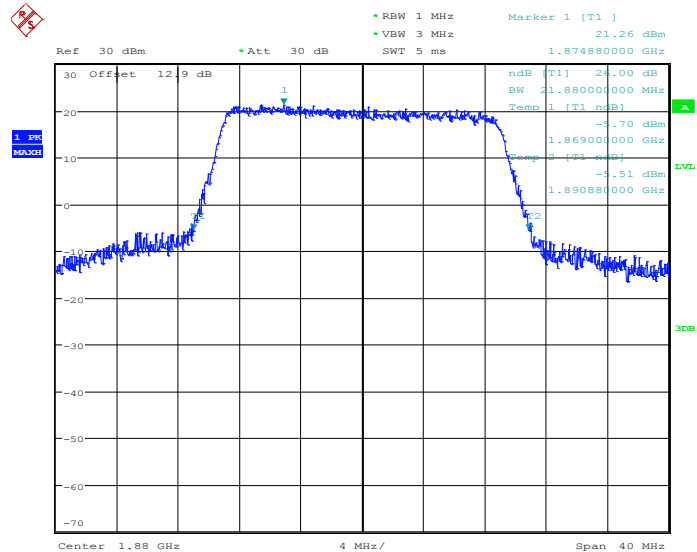


99% Occupied Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 01:18:20

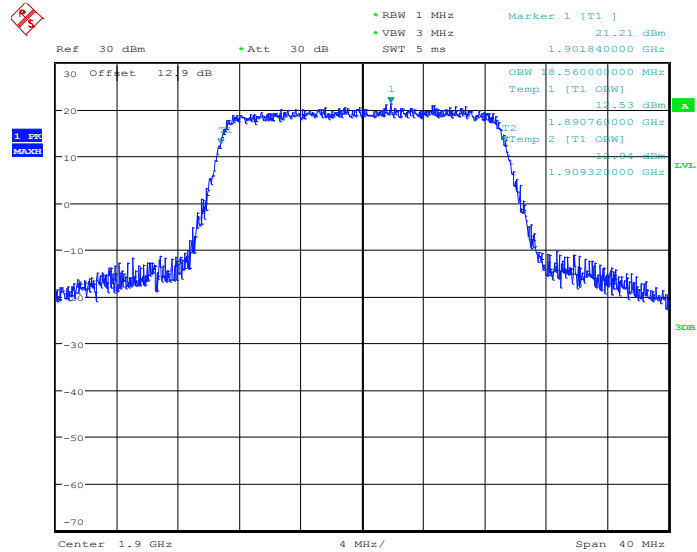
26dB Bandwidth Plot on Channel 18900



Date: 8.JUL.2014 01:19:19

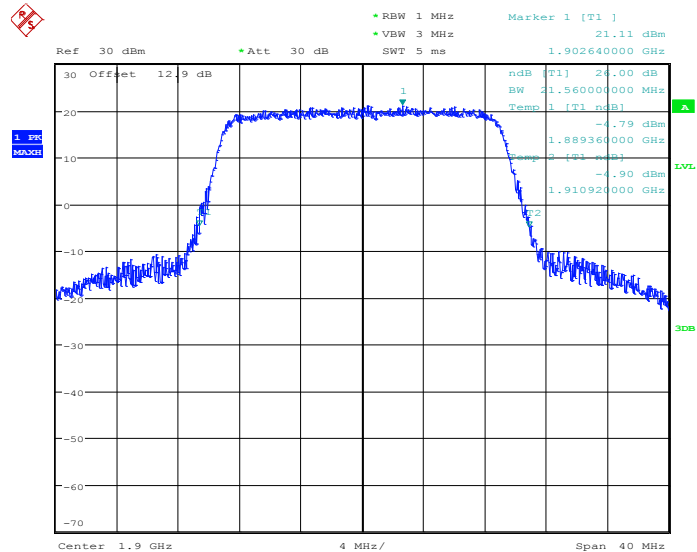


99% Occupied Bandwidth Plot on Channel 19100



Date: 8.JUL.2014 01:22:38

26dB Bandwidth Plot on Channel 19100

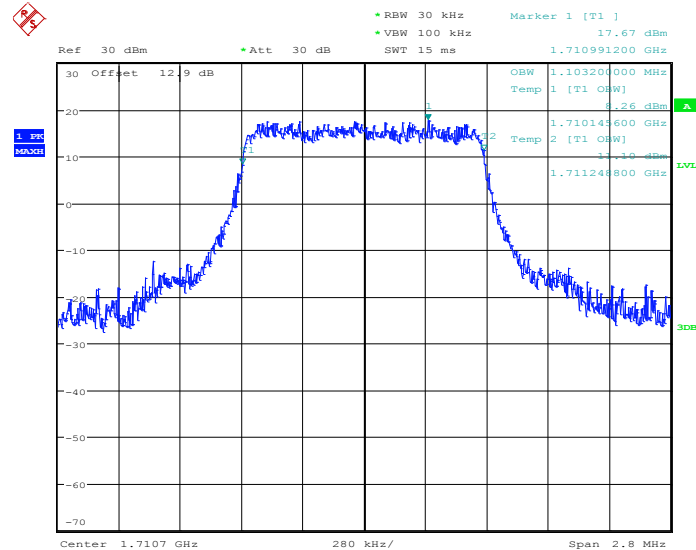


Date: 8.JUL.2014 01:23:38



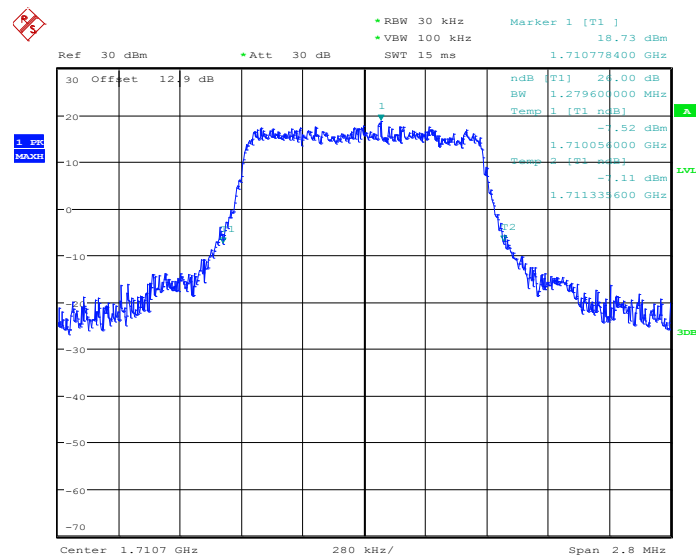
Band :	LTE Band 4	BW / Mod. :	1.4MHz / QPSK
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 19957



Date: 9.JUL.2014 21:03:12

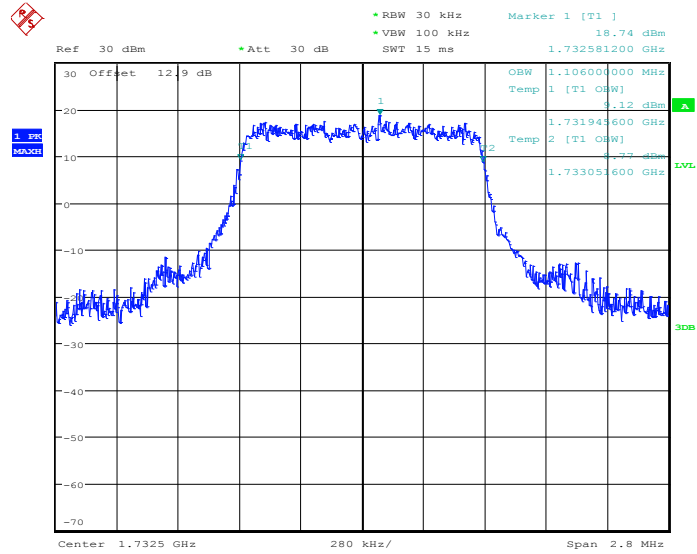
26dB Bandwidth Plot on Channel 19957



Date: 9.JUL.2014 21:03:42

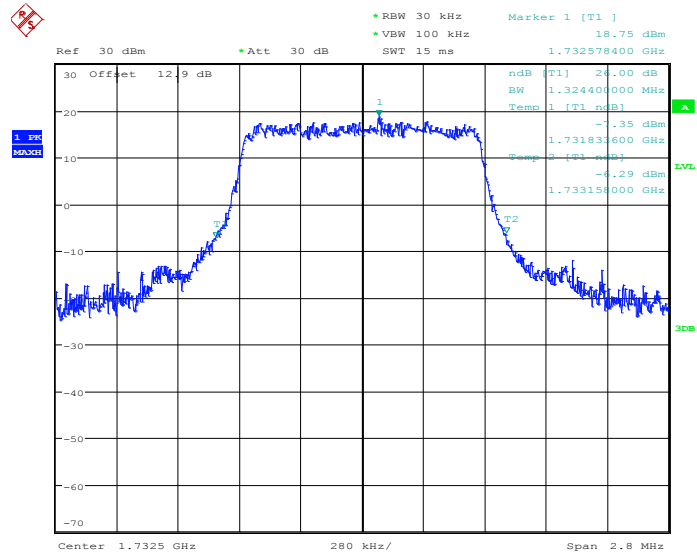


99% Occupied Bandwidth Plot on Channel 20175



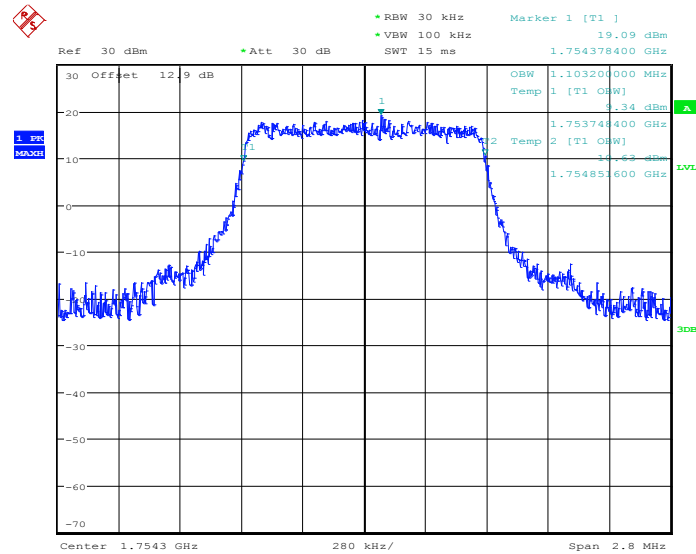
Date: 9.JUL.2014 21:09:12

26dB Bandwidth Plot on Channel 20175



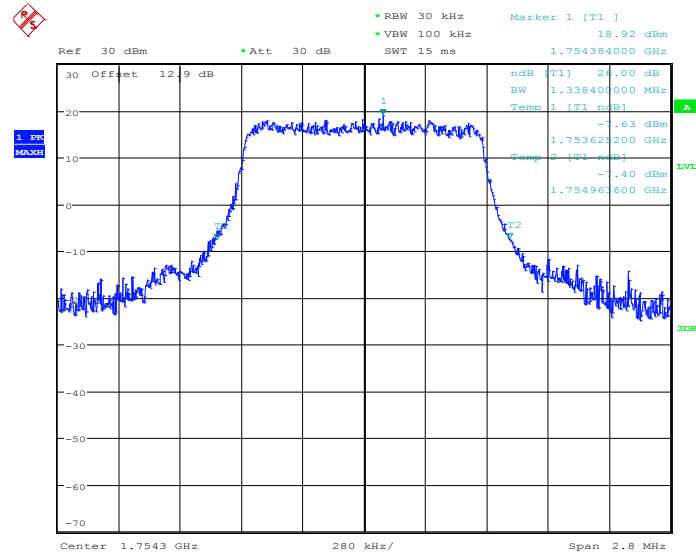
Date: 9.JUL.2014 21:09:42

99% Occupied Bandwidth Plot on Channel 20393



Date: 9.JUL.2014 21:12:10

26dB Bandwidth Plot on Channel 20393

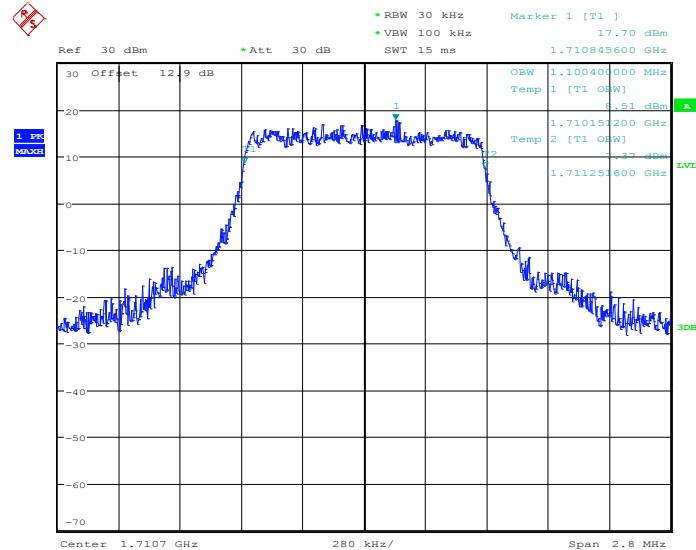


Date: 9.JUL.2014 21:12:40



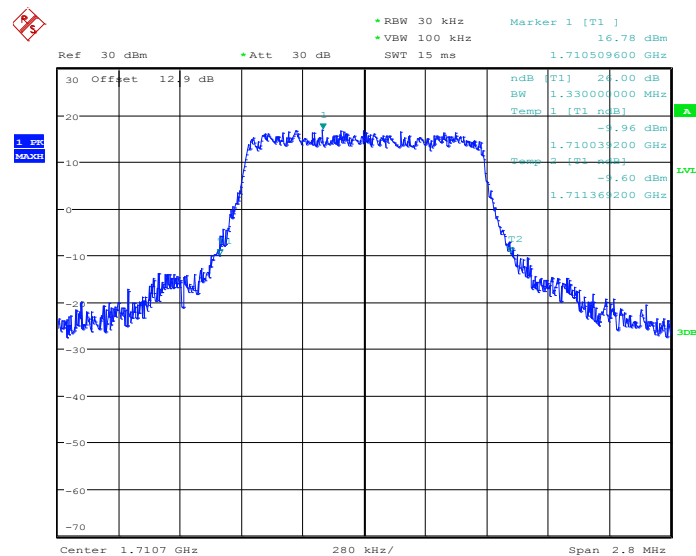
Band :	LTE Band 4	BW / Mod. :	1.4MHz / 16QAM
--------	------------	-------------	----------------

99% Occupied Bandwidth Plot on Channel 19957



Date: 9.JUL.2014 21:03:26

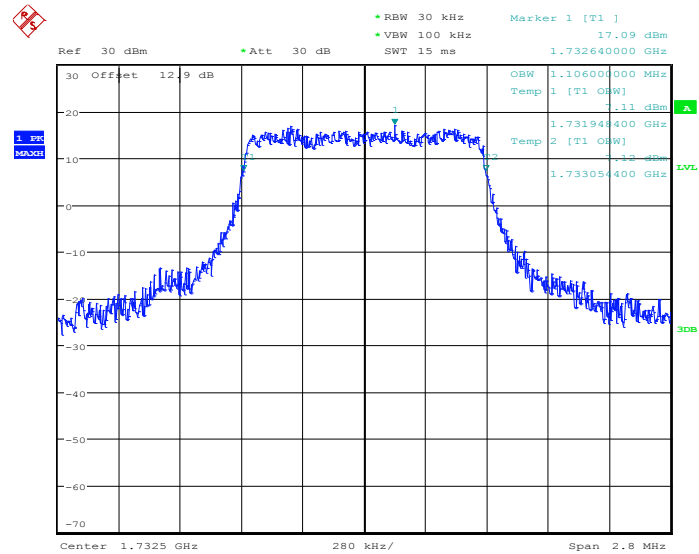
26dB Bandwidth Plot on Channel 19957



Date: 9.JUL.2014 21:03:58

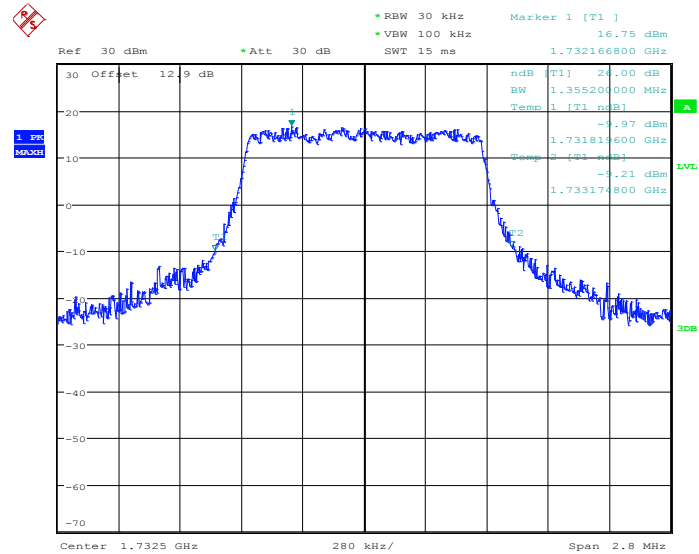


99% Occupied Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:09:26

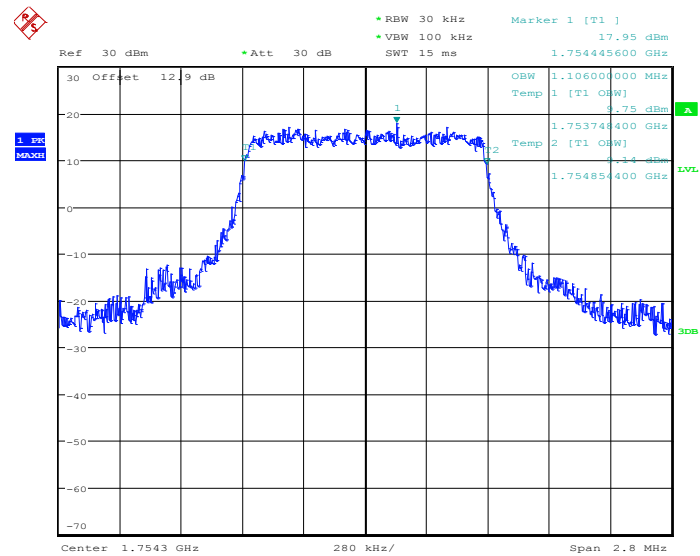
26dB Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:09:58

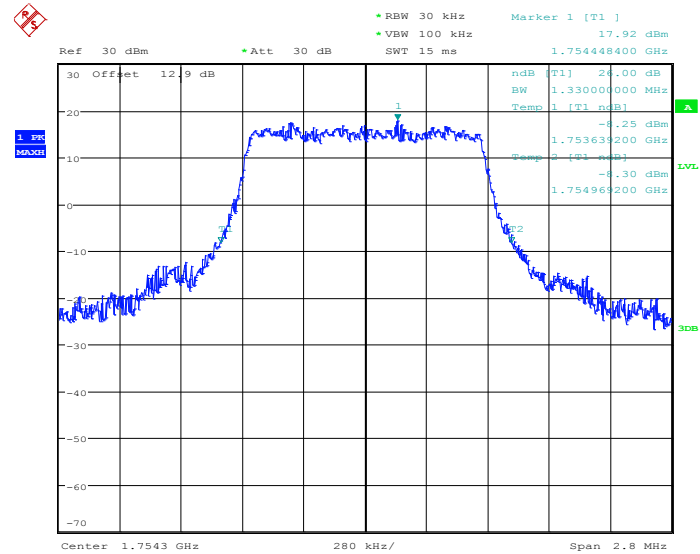


99% Occupied Bandwidth Plot on Channel 20393



Date: 9.JUL.2014 21:12:24

26dB Bandwidth Plot on Channel 20393

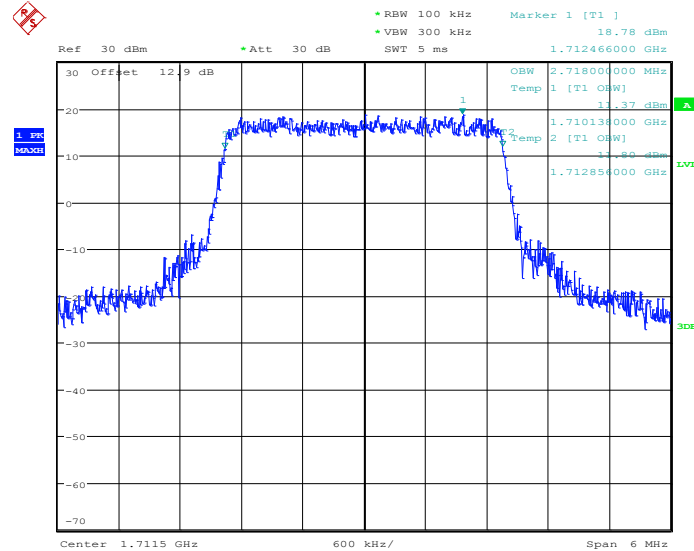


Date: 9.JUL.2014 21:12:56



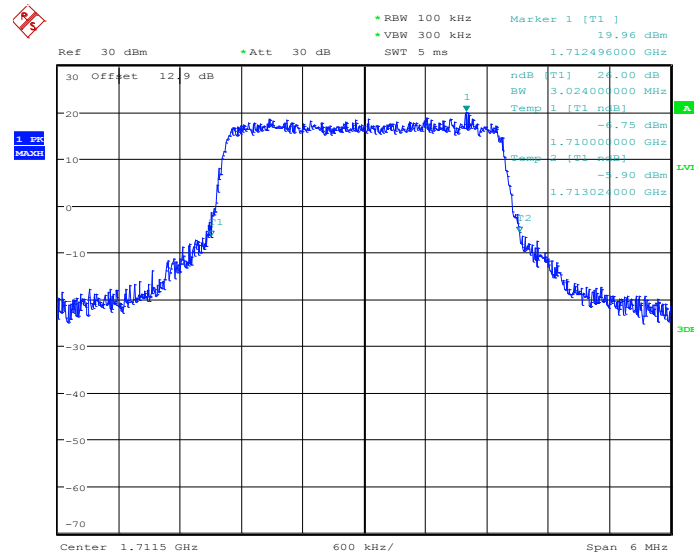
Band :	LTE Band 4	BW / Mod. :	3MHz / QPSK
--------	------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 19965



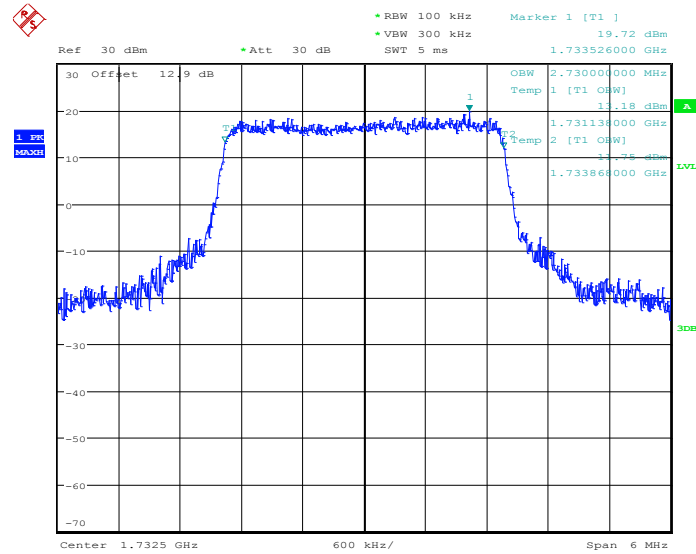
Date: 9.JUL.2014 21:18:10

26dB Bandwidth Plot on Channel 19965



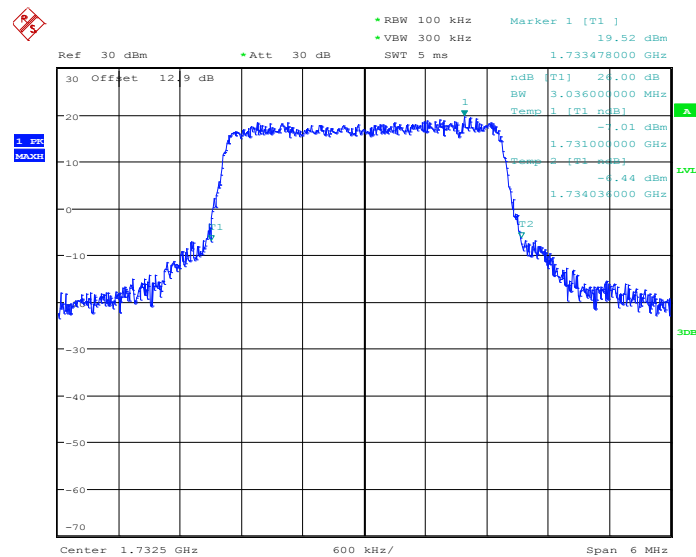
Date: 9.JUL.2014 21:18:40

99% Occupied Bandwidth Plot on Channel 20175



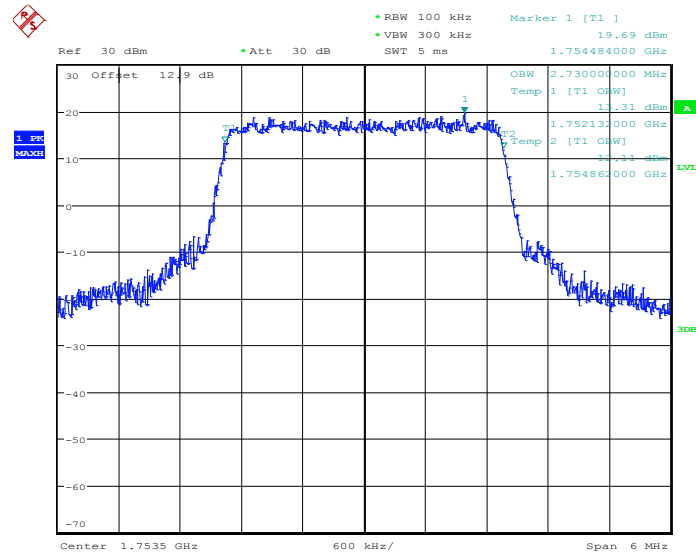
Date: 9.JUL.2014 21:24:10

26dB Bandwidth Plot on Channel 20175



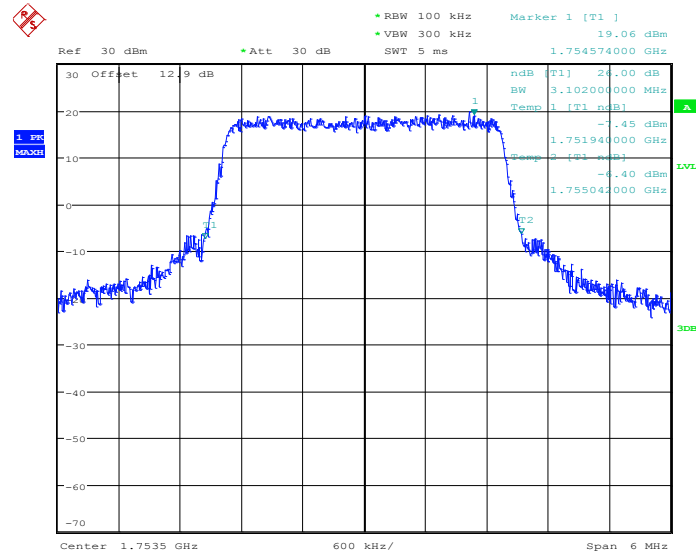
Date: 9.JUL.2014 21:24:40

99% Occupied Bandwidth Plot on Channel 20385



Date: 9.JUL.2014 21:27:08

26dB Bandwidth Plot on Channel 20385

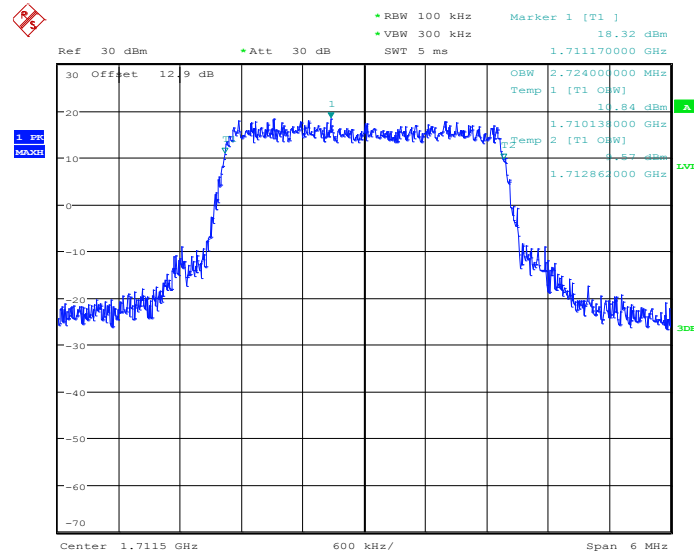


Date: 9.JUL.2014 21:27:41



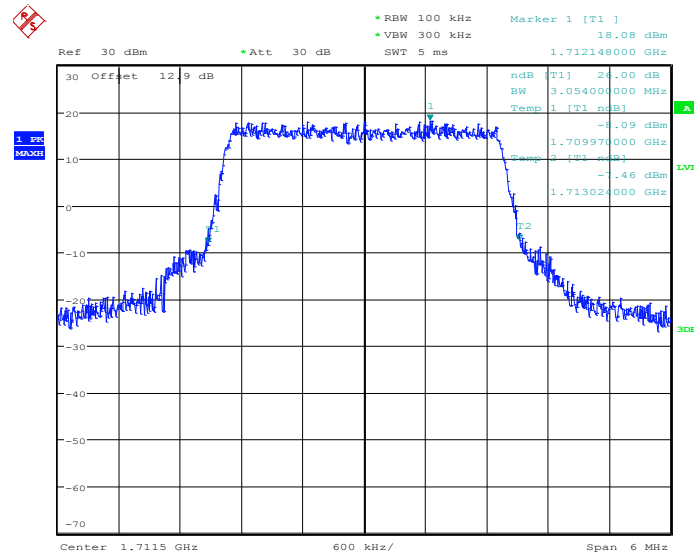
Band :	LTE Band 4	BW / Mod. :	3MHz / 16QAM
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 19965



Date: 9.JUL.2014 21:18:24

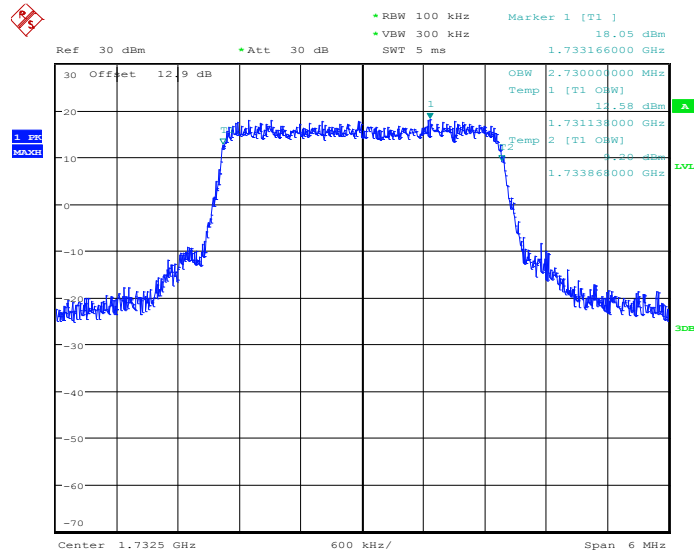
26dB Bandwidth Plot on Channel 19965



Date: 9.JUL.2014 21:18:56

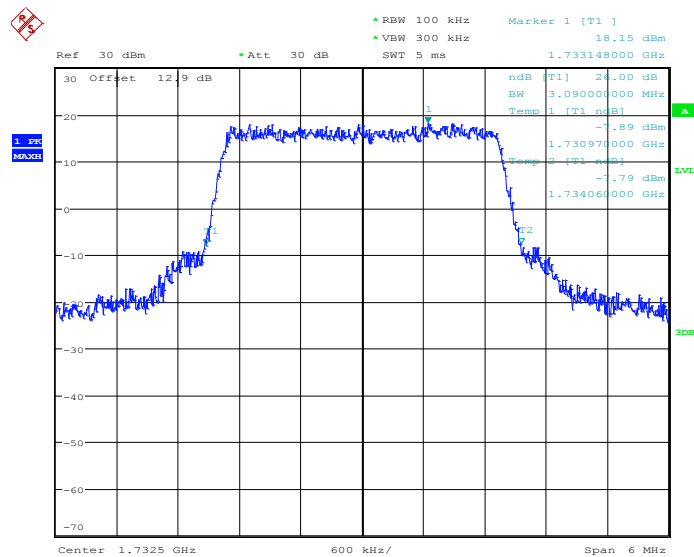


99% Occupied Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:24:24

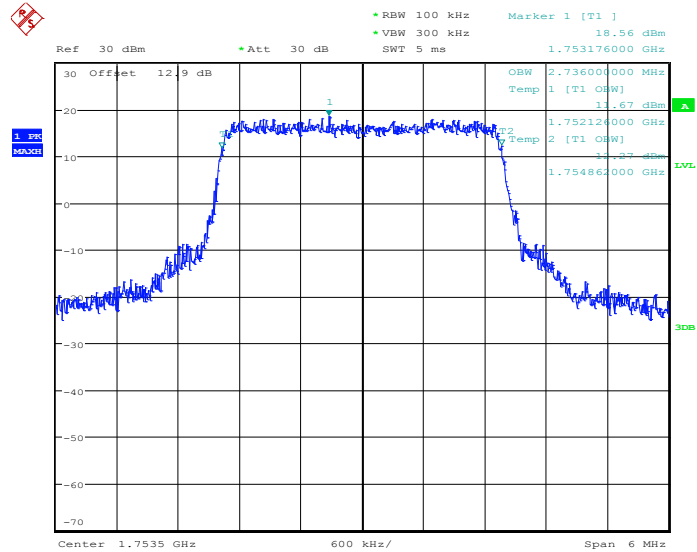
26dB Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:24:56

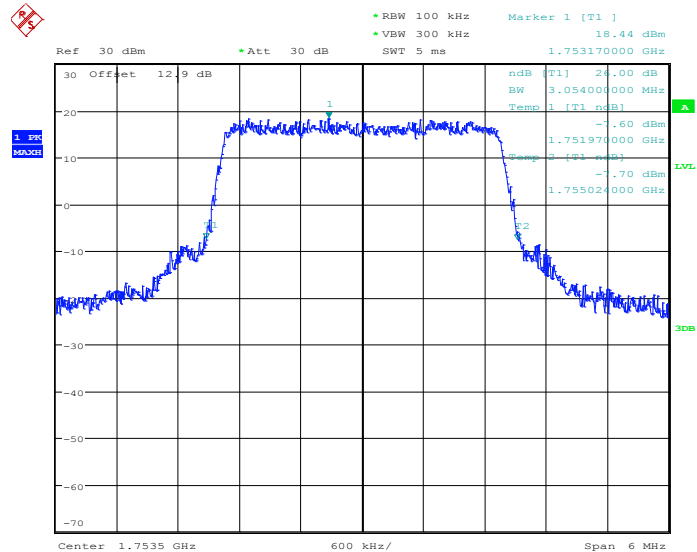


99% Occupied Bandwidth Plot on Channel 20385



Date: 9.JUL.2014 21:27:24

26dB Bandwidth Plot on Channel 20385

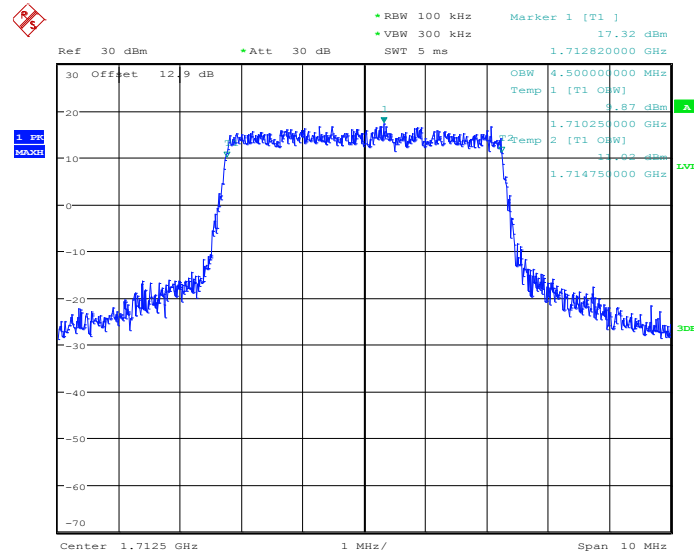


Date: 9.JUL.2014 21:28:01



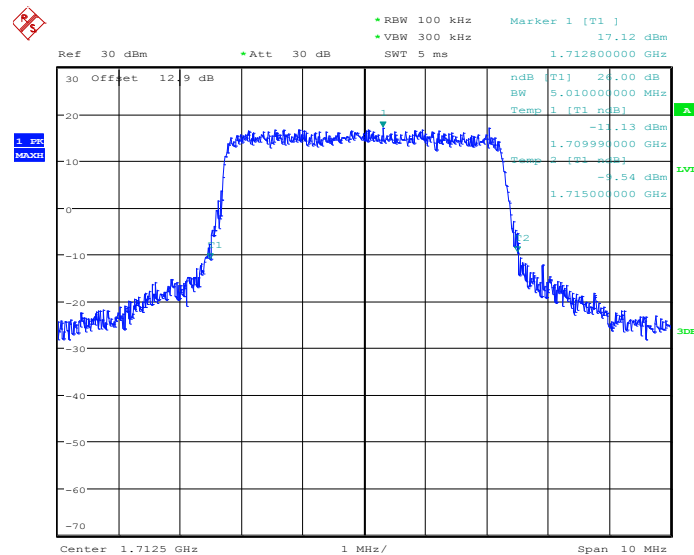
Band :	LTE Band 4	BW / Mod. :	5MHz / QPSK
--------	------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 19975



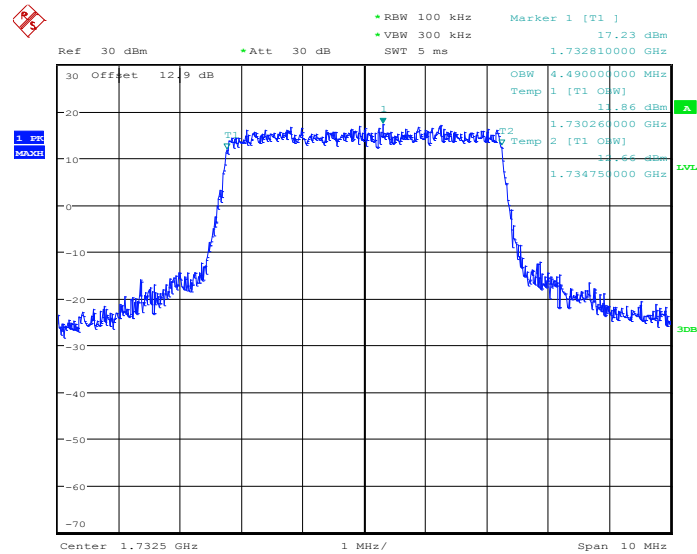
Date: 9.JUL.2014 21:35:08

26dB Bandwidth Plot on Channel 19975



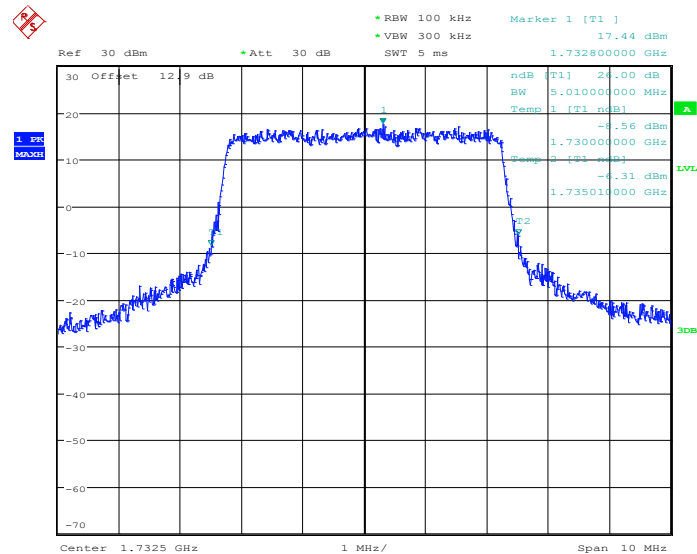
Date: 9.JUL.2014 21:35:39

99% Occupied Bandwidth Plot on Channel 20175



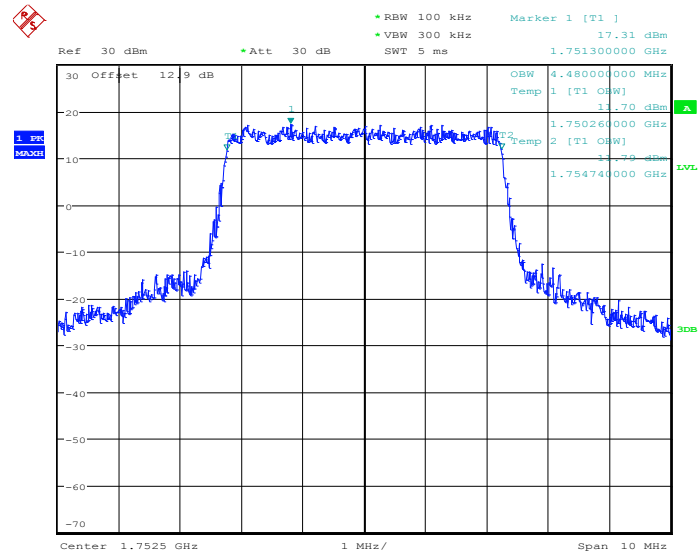
Date: 9.JUL.2014 21:41:07

26dB Bandwidth Plot on Channel 20175



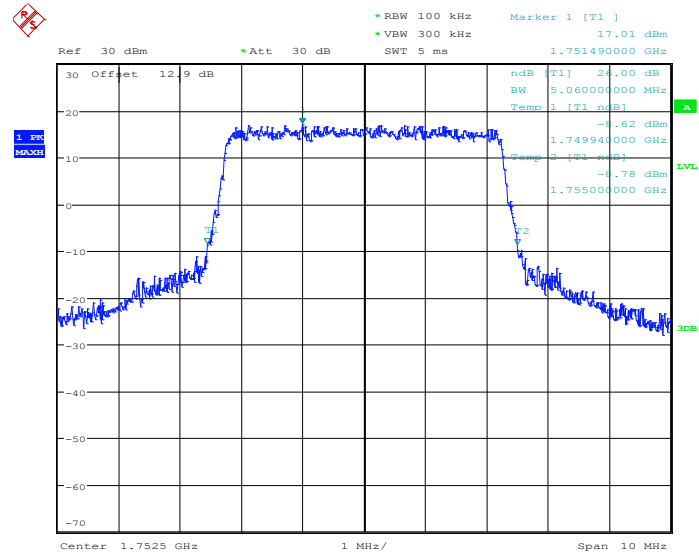
Date: 9.JUL.2014 21:41:37

99% Occupied Bandwidth Plot on Channel 20375



Date: 9.JUL.2014 21:44:04

26dB Bandwidth Plot on Channel 20375

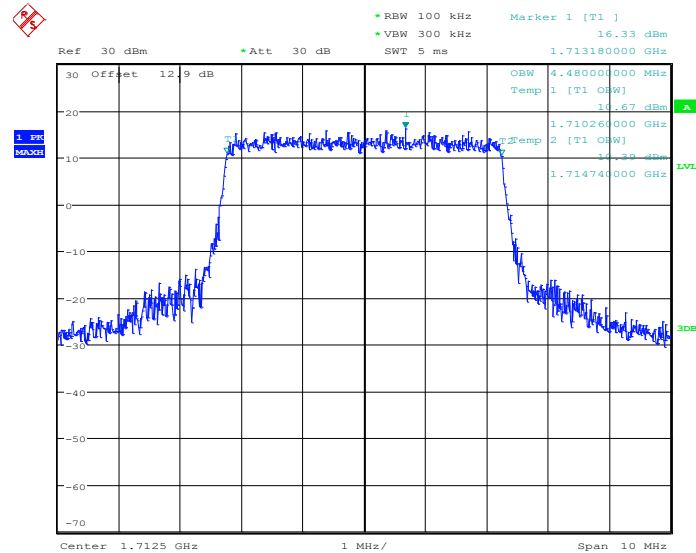


Date: 9.JUL.2014 21:44:34



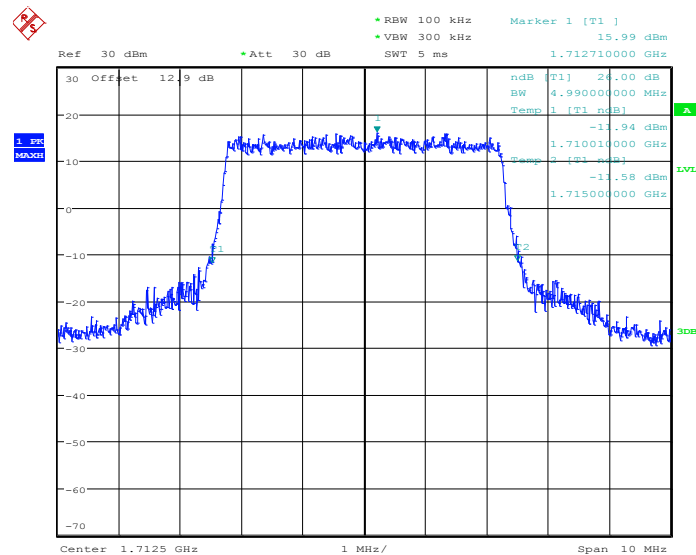
Band :	LTE Band 4	BW / Mod. :	5MHz / 16QAM
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 19975



Date: 9.JUL.2014 21:35:23

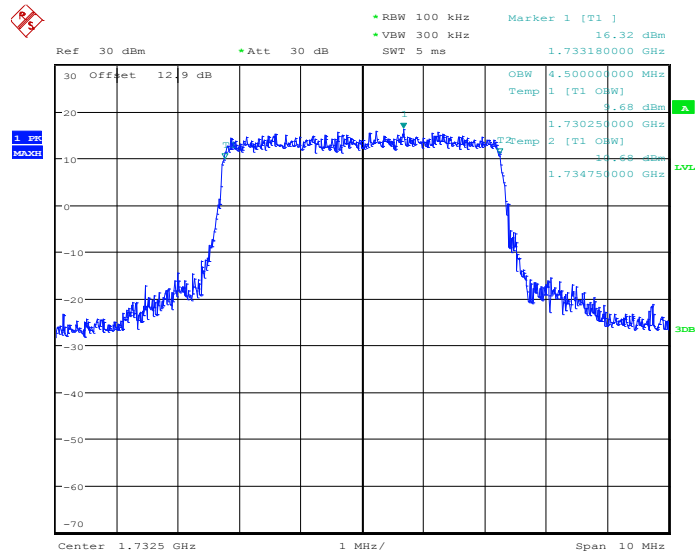
26dB Bandwidth Plot on Channel 19975



Date: 9.JUL.2014 21:35:54

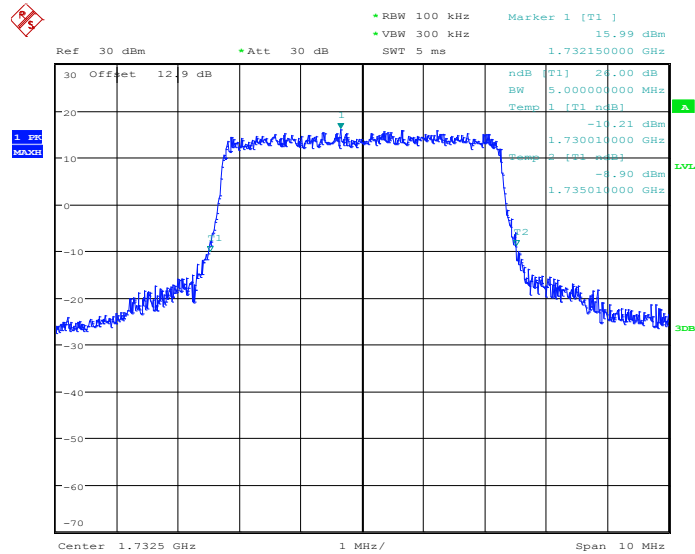


99% Occupied Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:41:21

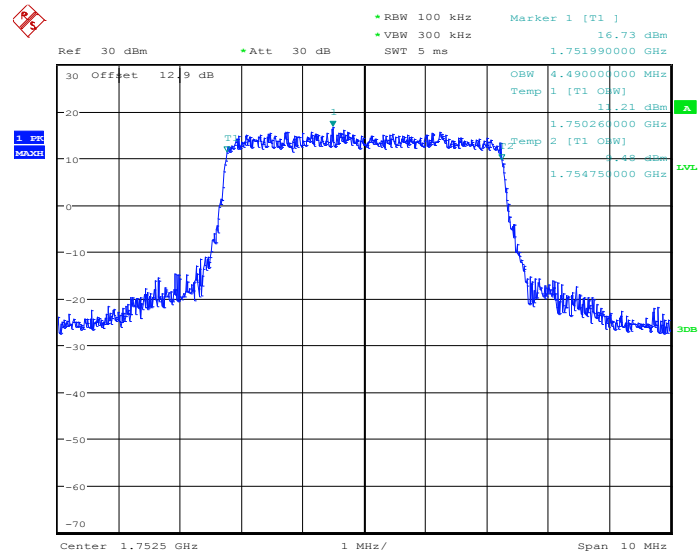
26dB Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:41:53

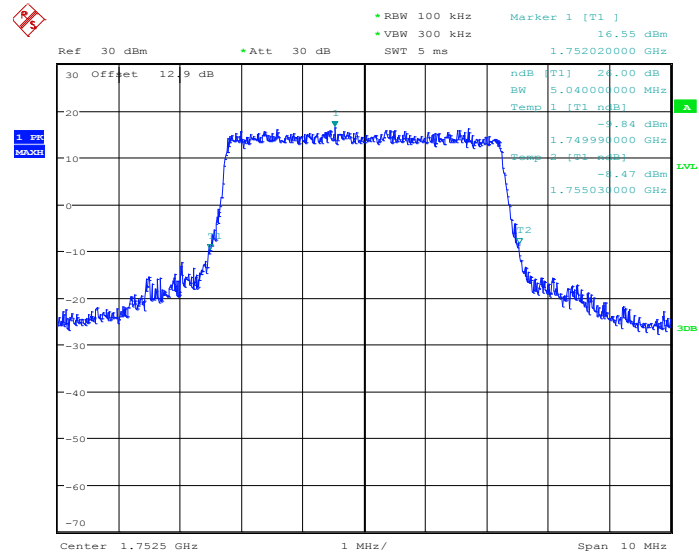


99% Occupied Bandwidth Plot on Channel 20375



Date: 9.JUL.2014 21:44:18

26dB Bandwidth Plot on Channel 20375

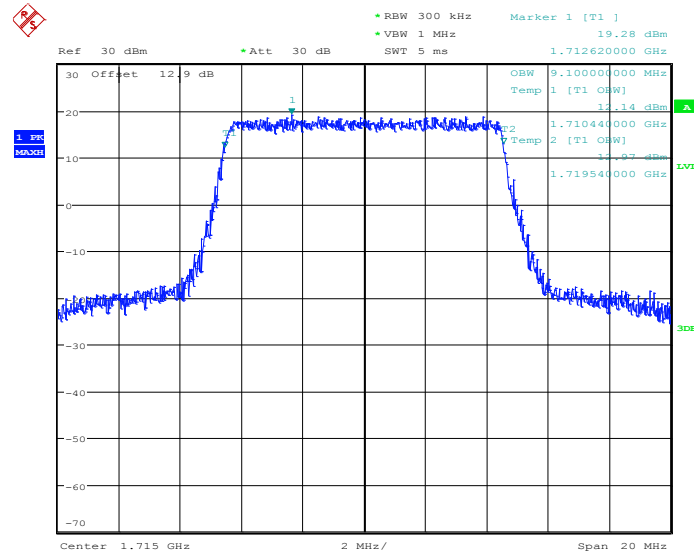


Date: 9.JUL.2014 21:44:50



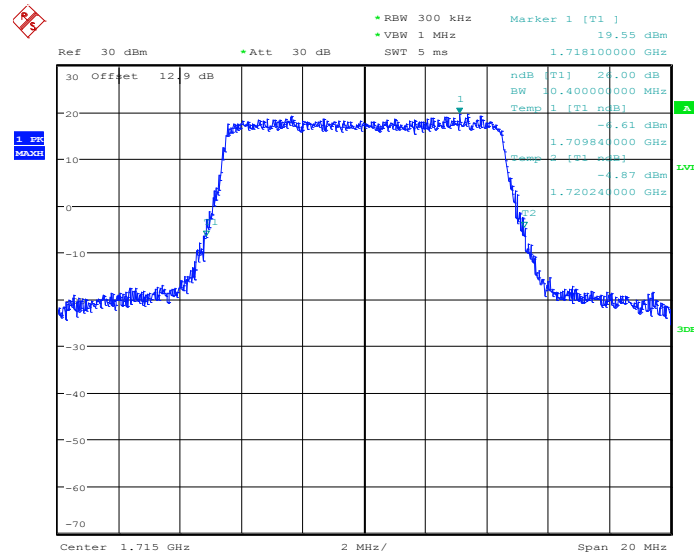
Band :	LTE Band 4	BW / Mod. :	10MHz / QPSK
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 20000



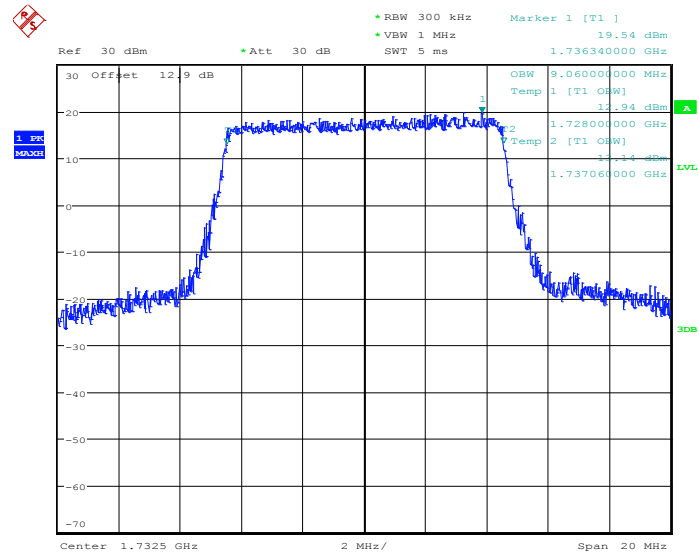
Date: 9.JUL.2014 21:50:02

26dB Bandwidth Plot on Channel 20000



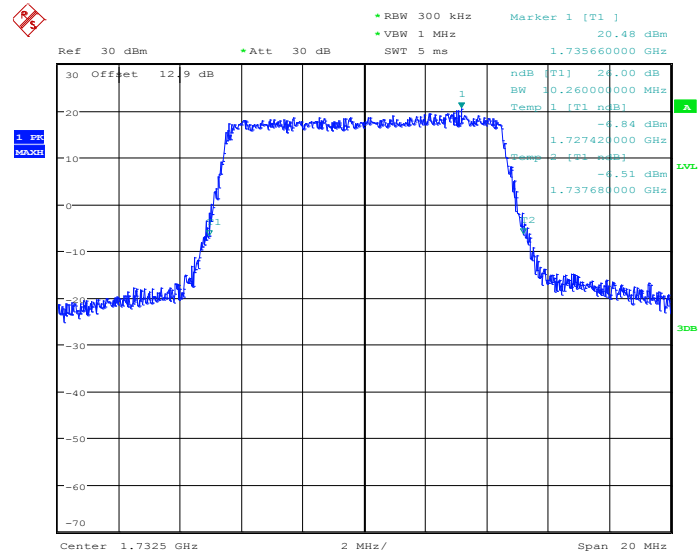
Date: 9.JUL.2014 21:50:32

99% Occupied Bandwidth Plot on Channel 20175



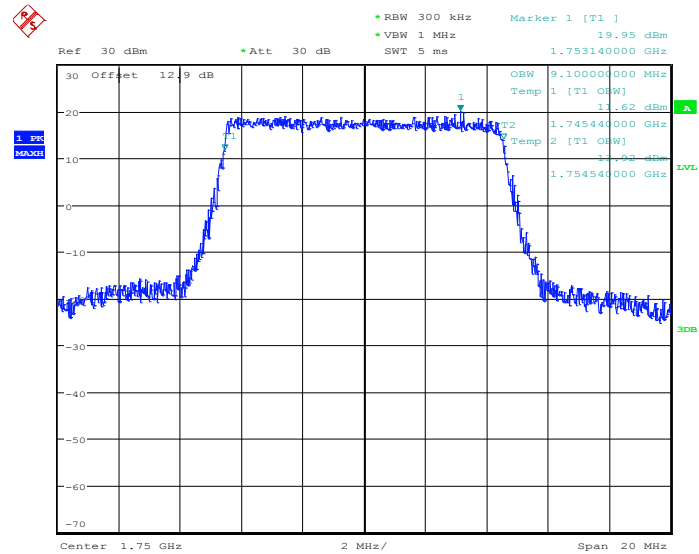
Date: 9.JUL.2014 21:56:01

26dB Bandwidth Plot on Channel 20175



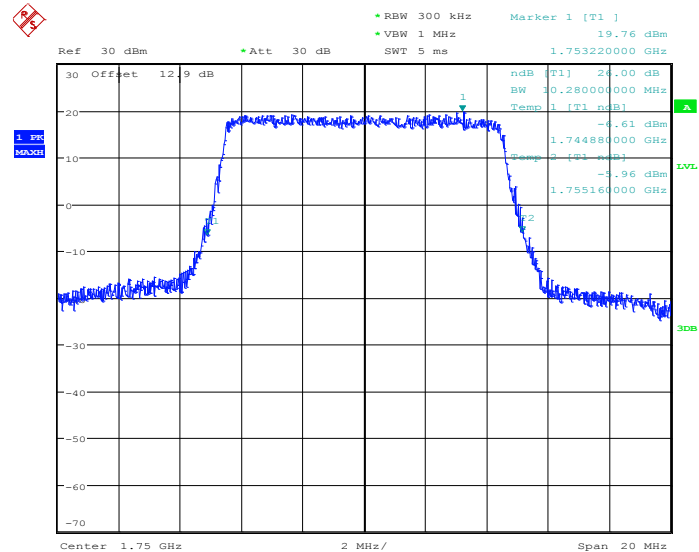
Date: 9.JUL.2014 21:56:31

99% Occupied Bandwidth Plot on Channel 20350



Date: 9.JUL.2014 21:58:58

26dB Bandwidth Plot on Channel 20350

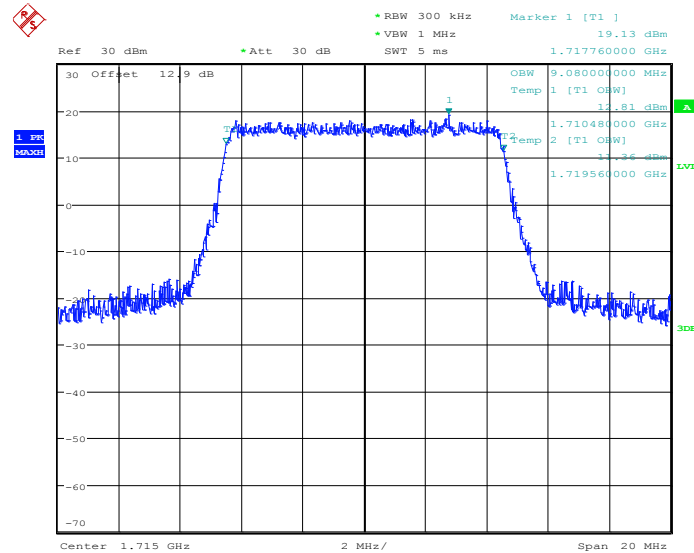


Date: 9.JUL.2014 21:59:28



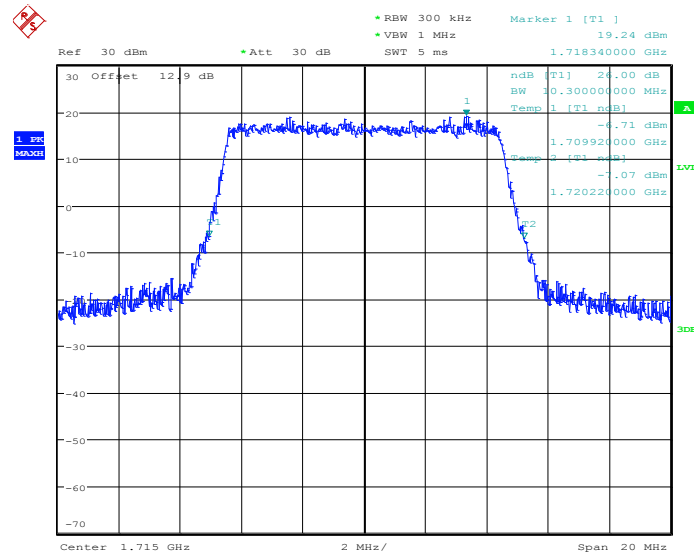
Band :	LTE Band 4	BW / Mod. :	10MHz / 16QAM
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 20000



Date: 9.JUL.2014 21:50:16

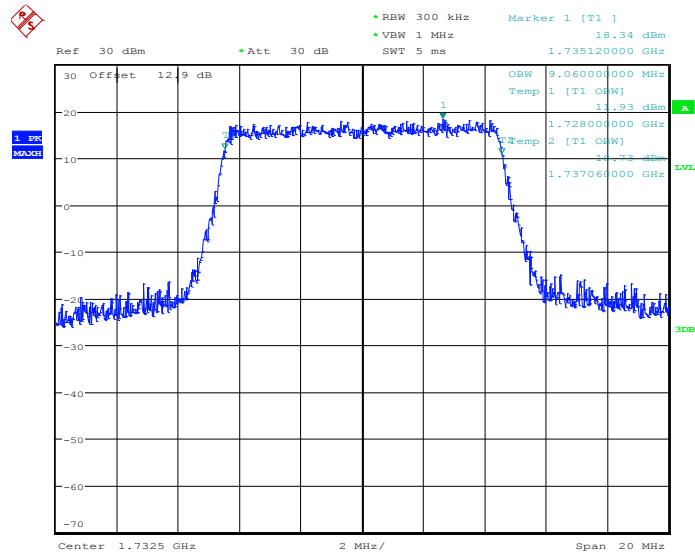
26dB Bandwidth Plot on Channel 20000



Date: 9.JUL.2014 21:50:48

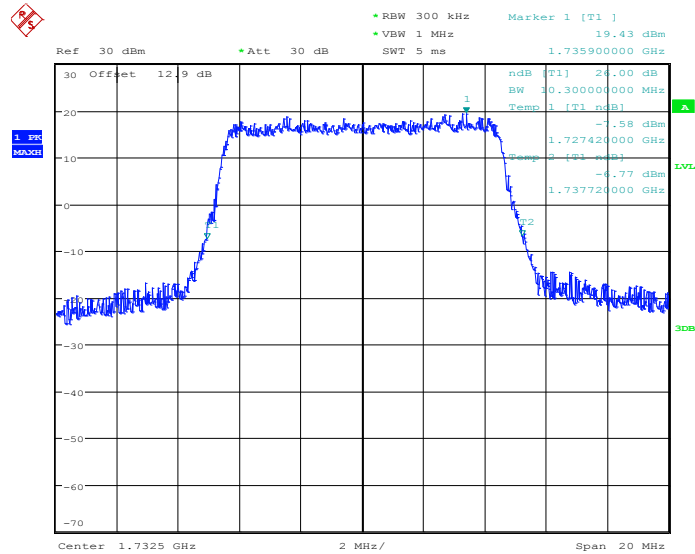


99% Occupied Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:56:15

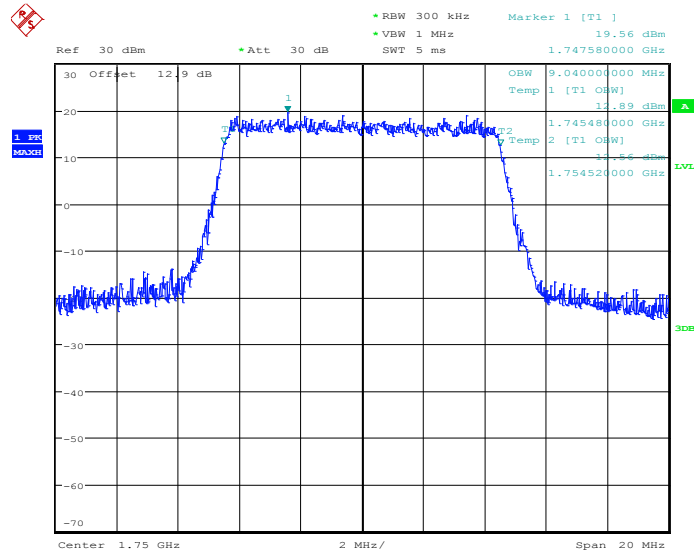
26dB Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 21:56:47

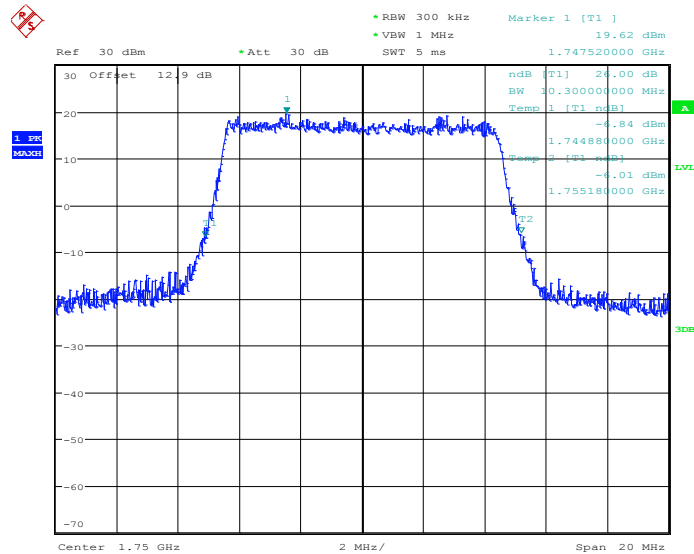


99% Occupied Bandwidth Plot on Channel 20350



Date: 9.JUL.2014 21:59:12

26dB Bandwidth Plot on Channel 20350

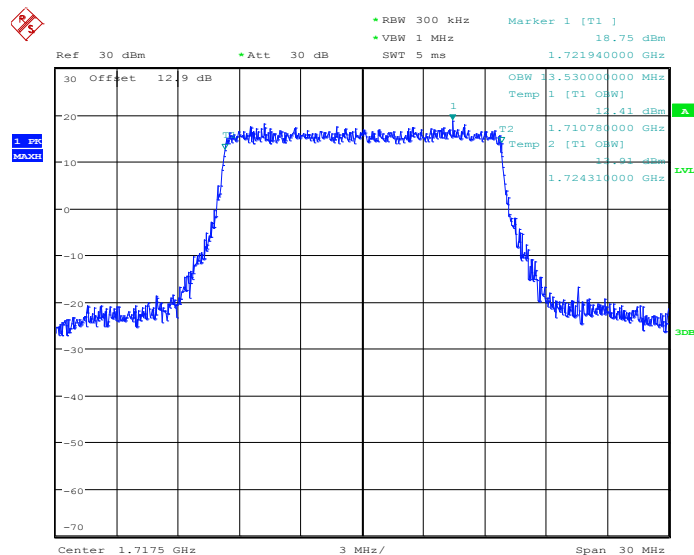


Date: 9.JUL.2014 21:59:44



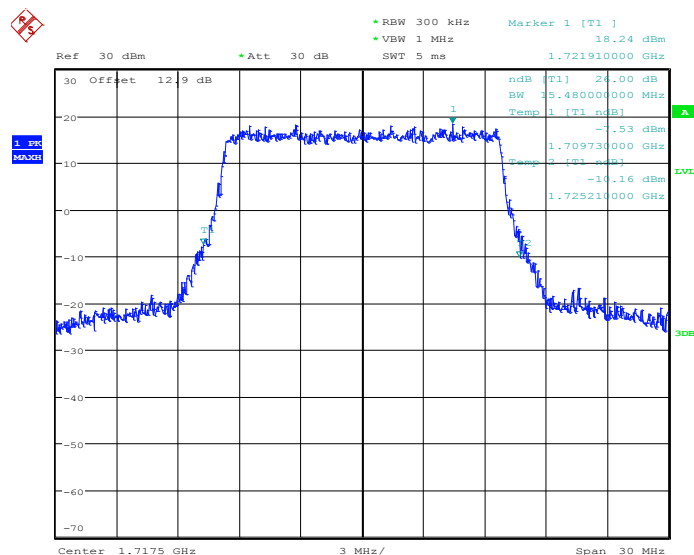
Band :	LTE Band 4	BW / Mod. :	15MHz / QPSK
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 20025



Date: 9.JUL.2014 22:04:57

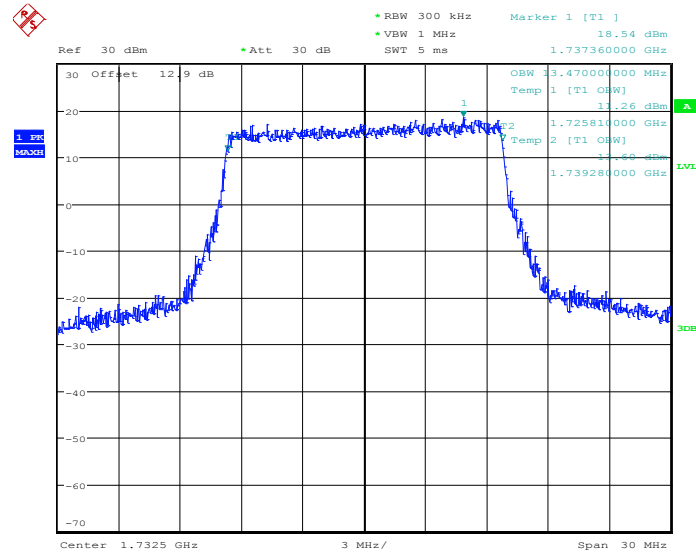
26dB Bandwidth Plot on Channel 20025



Date: 9.JUL.2014 22:05:27

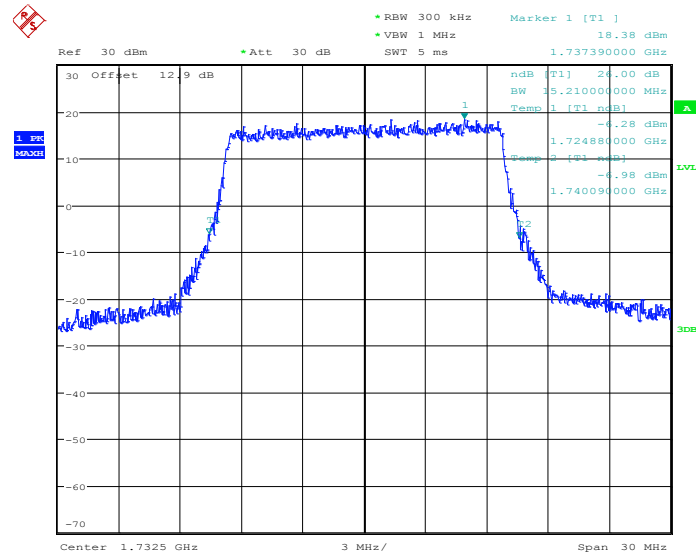


99% Occupied Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 22:10:56

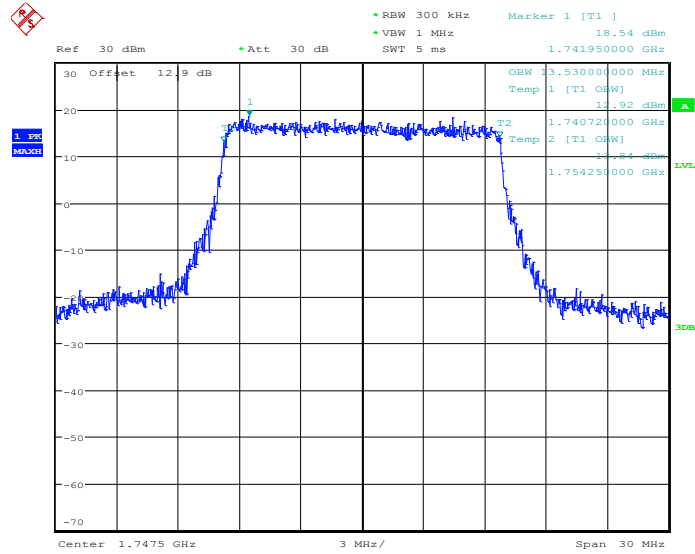
26dB Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 22:11:26

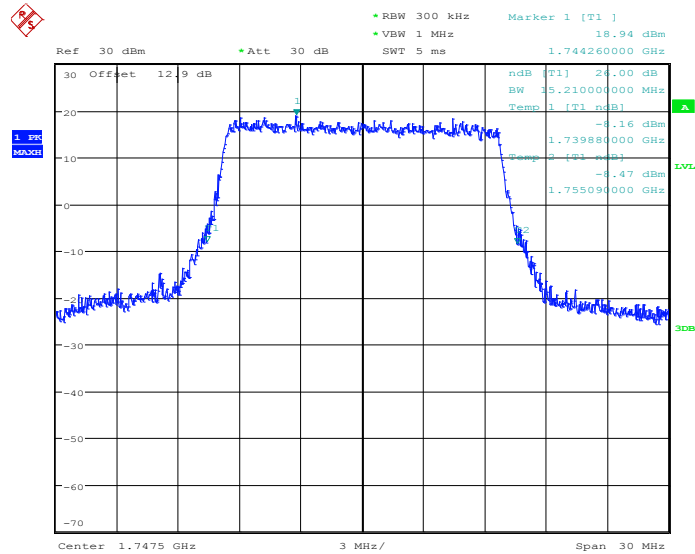


99% Occupied Bandwidth Plot on Channel 20325



Date: 9.JUL.2014 22:13:54

26dB Bandwidth Plot on Channel 20325

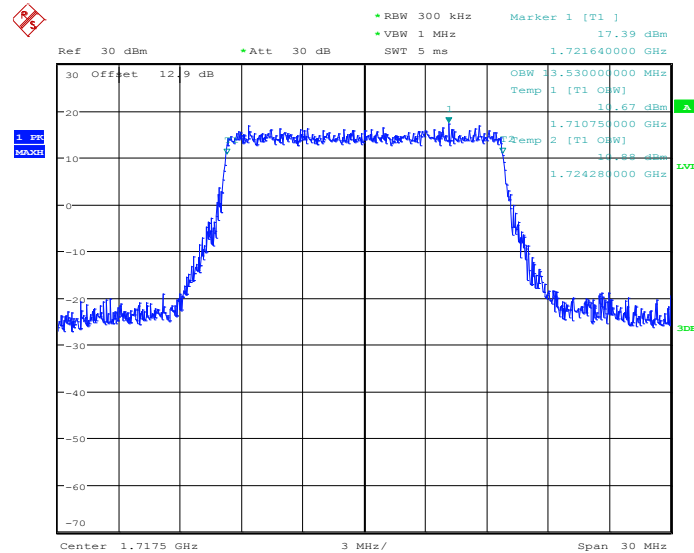


Date: 9.JUL.2014 22:14:24



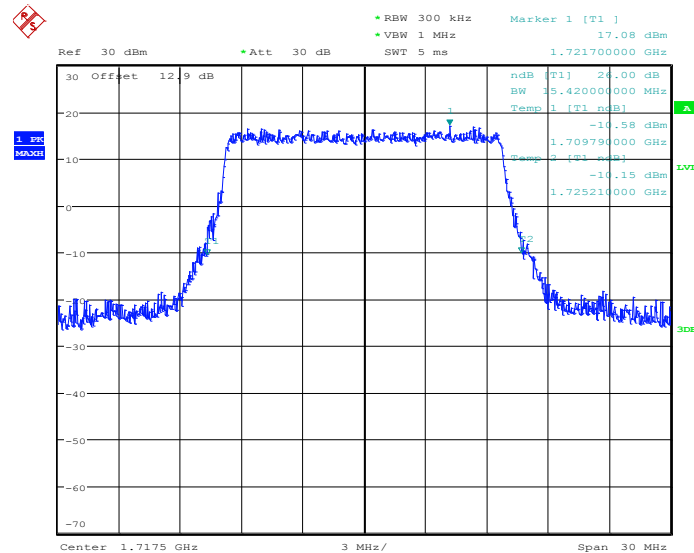
Band :	LTE Band 4	BW / Mod. :	15MHz / 16QAM
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 2025



Date: 9.JUL.2014 22:05:11

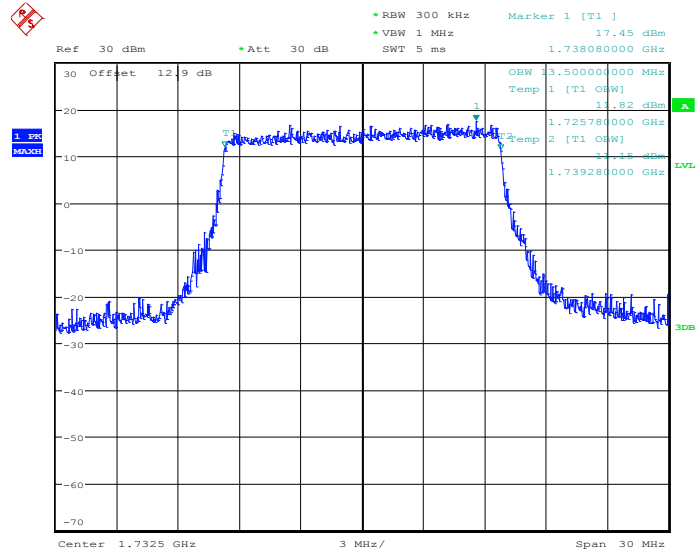
26dB Bandwidth Plot on Channel 2025



Date: 9.JUL.2014 22:05:43

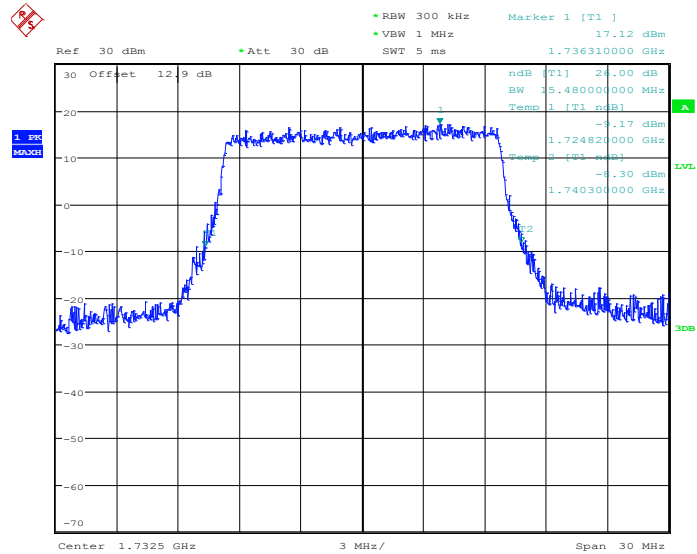


99% Occupied Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 22:11:10

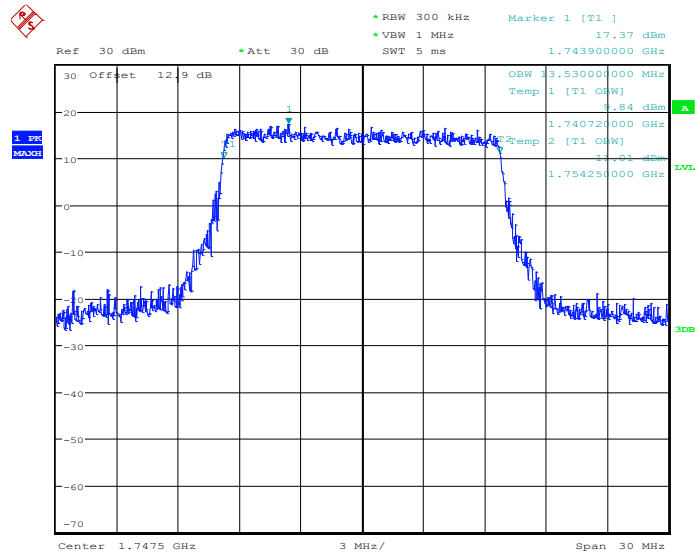
26dB Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 22:11:42

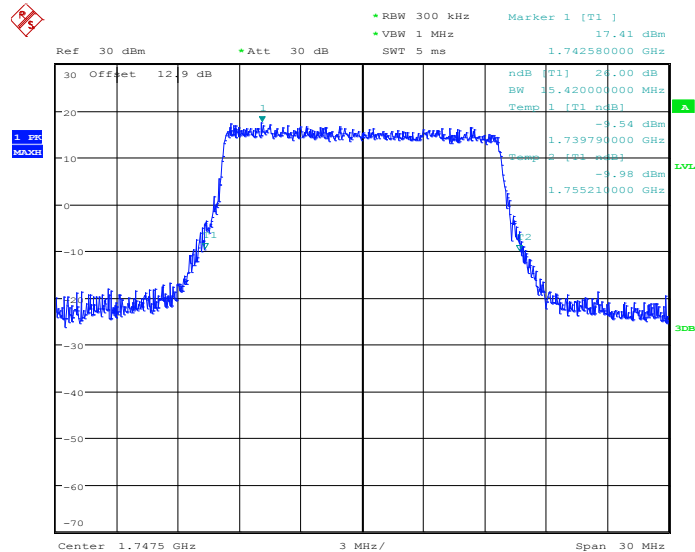


99% Occupied Bandwidth Plot on Channel 20325



Date: 9.JUL.2014 22:14:08

26dB Bandwidth Plot on Channel 20325

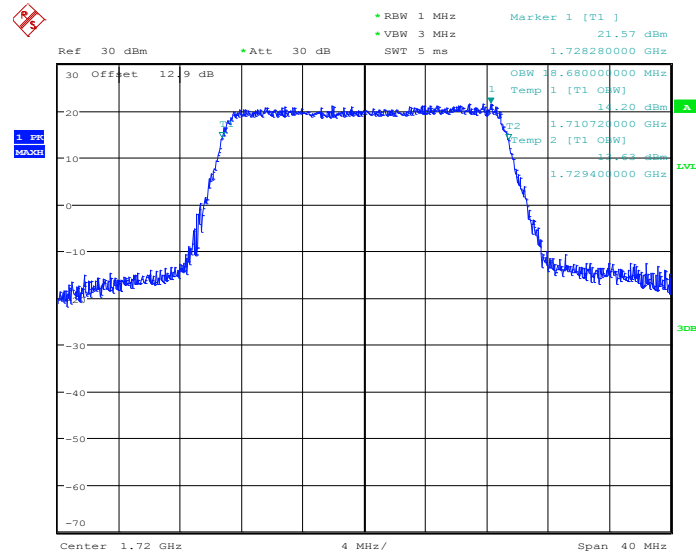


Date: 9.JUL.2014 22:14:40



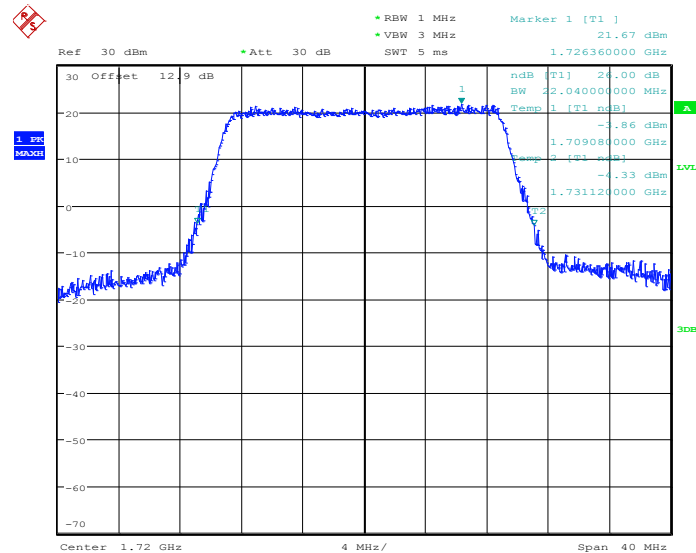
Band :	LTE Band 4	BW / Mod. :	20MHz / QPSK
--------	------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 20050



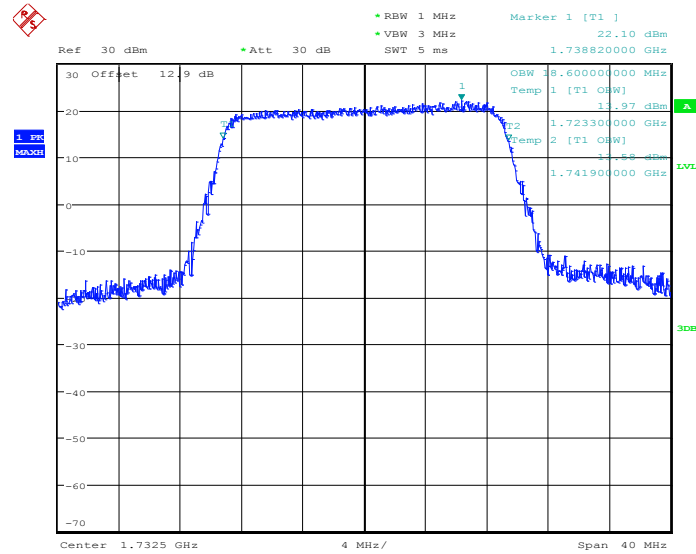
Date: 9.JUL.2014 22:19:54

26dB Bandwidth Plot on Channel 20050



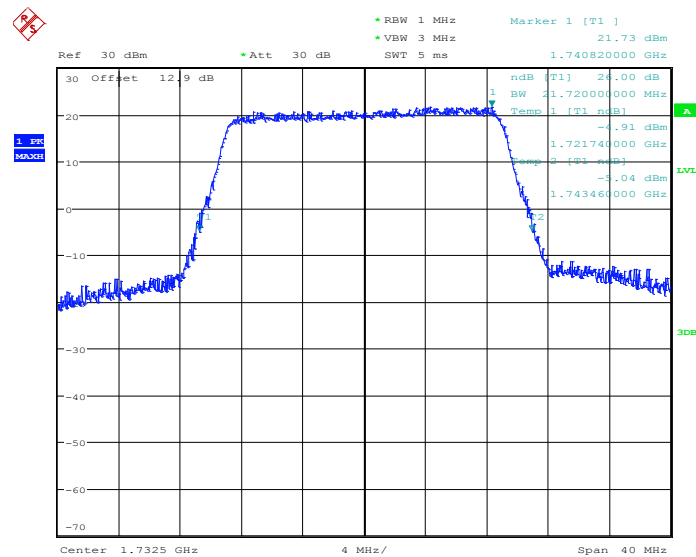
Date: 9.JUL.2014 22:20:24

99% Occupied Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 22:25:52

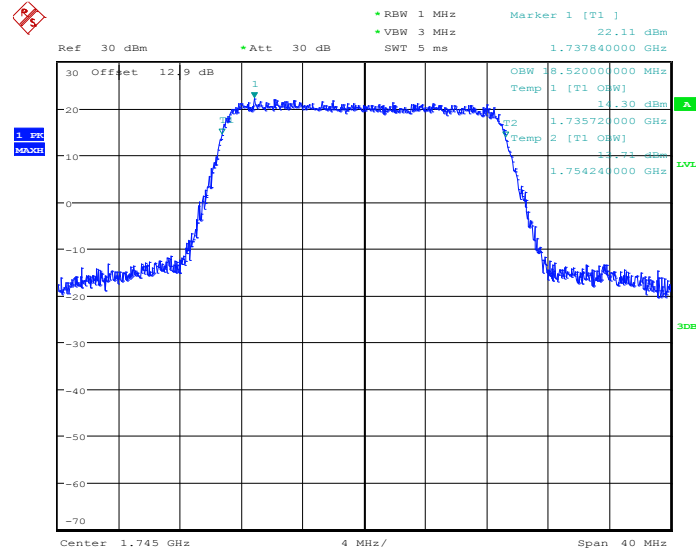
26dB Bandwidth Plot on Channel 20175



Date: 9.JUL.2014 22:26:22

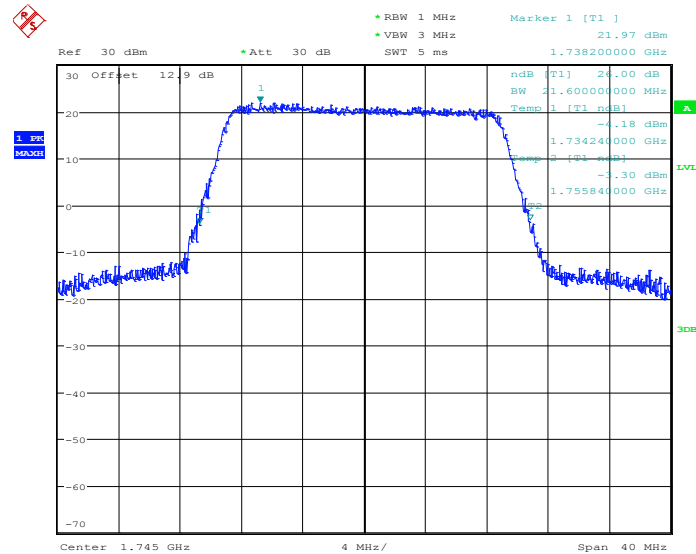


99% Occupied Bandwidth Plot on Channel 20300



Date: 9.JUL.2014 22:28:50

26dB Bandwidth Plot on Channel 20300

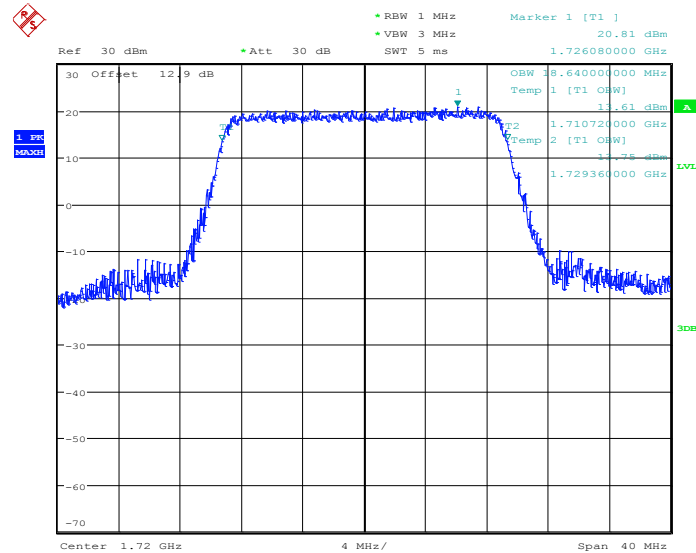


Date: 9.JUL.2014 22:29:20



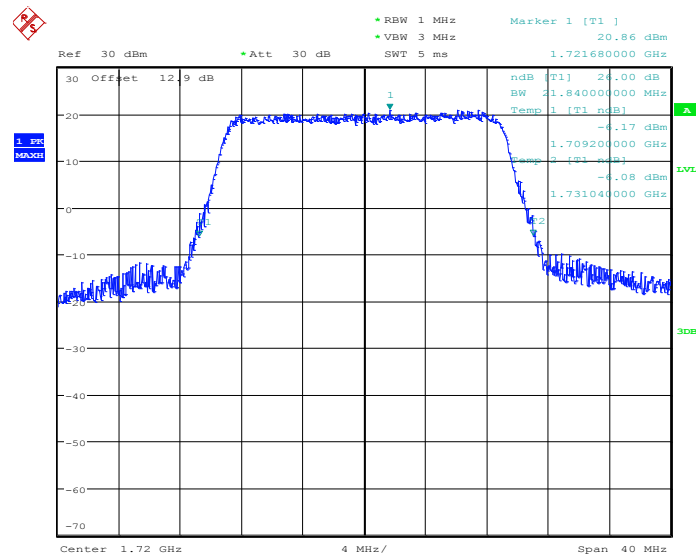
Band :	LTE Band 4	BW / Mod. :	20MHz / 16QAM
--------	------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 20050



Date: 9.JUL.2014 22:20:08

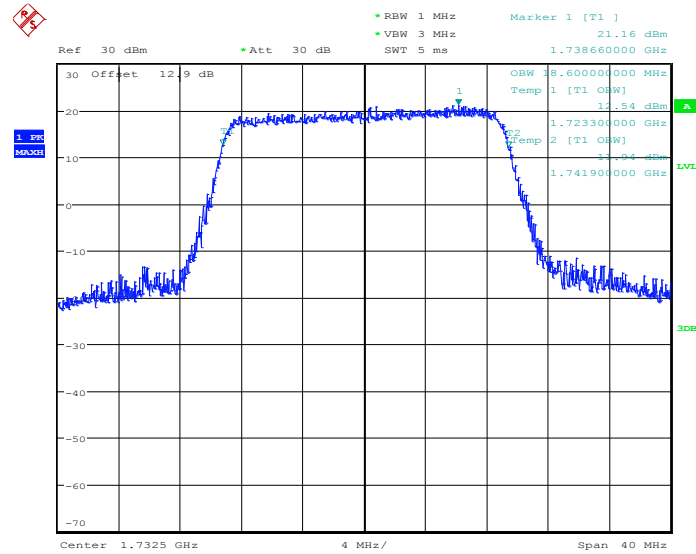
26dB Bandwidth Plot on Channel 20050



Date: 9.JUL.2014 22:20:40

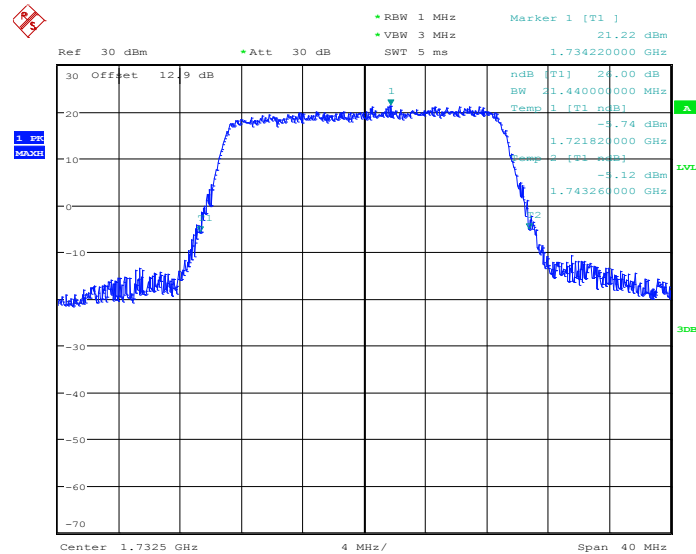


99% Occupied Bandwidth Plot on Channel 20175



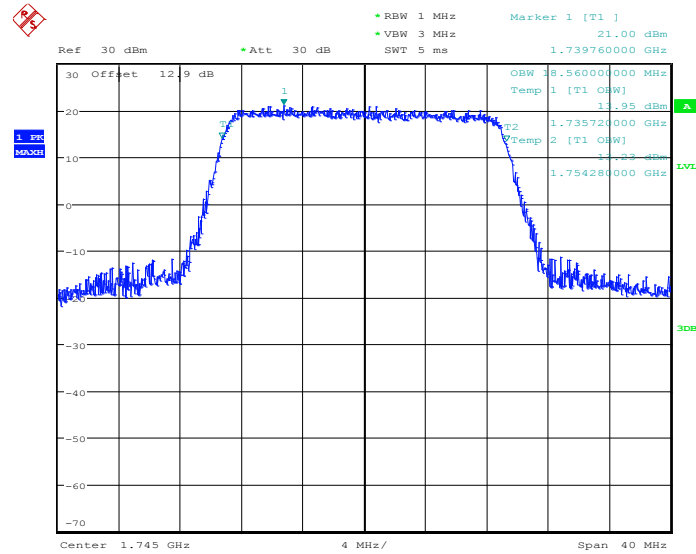
Date: 9.JUL.2014 22:26:06

26dB Bandwidth Plot on Channel 20175



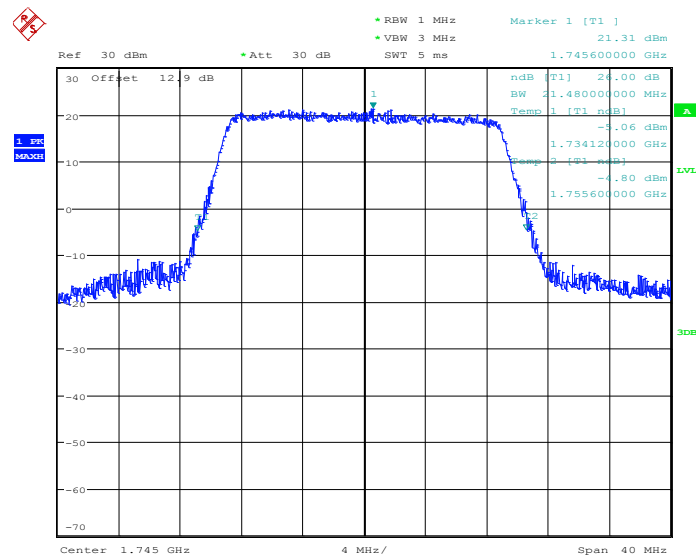
Date: 9.JUL.2014 22:26:38

99% Occupied Bandwidth Plot on Channel 20300



Date: 9.JUL.2014 22:29:04

26dB Bandwidth Plot on Channel 20300

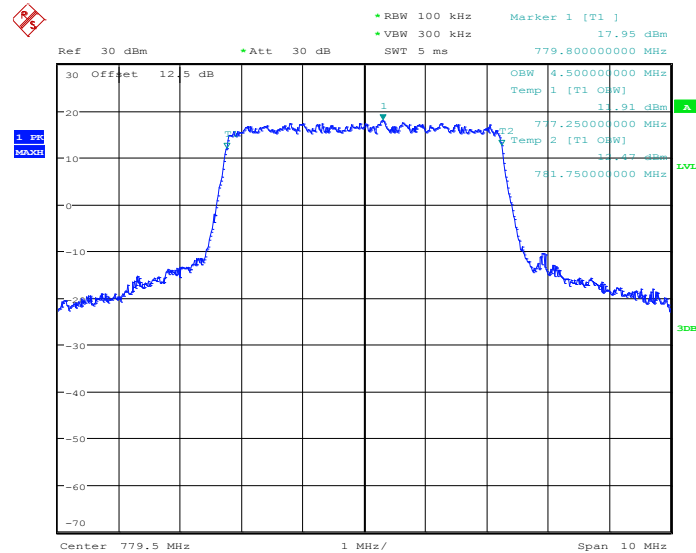


Date: 9.JUL.2014 22:29:36



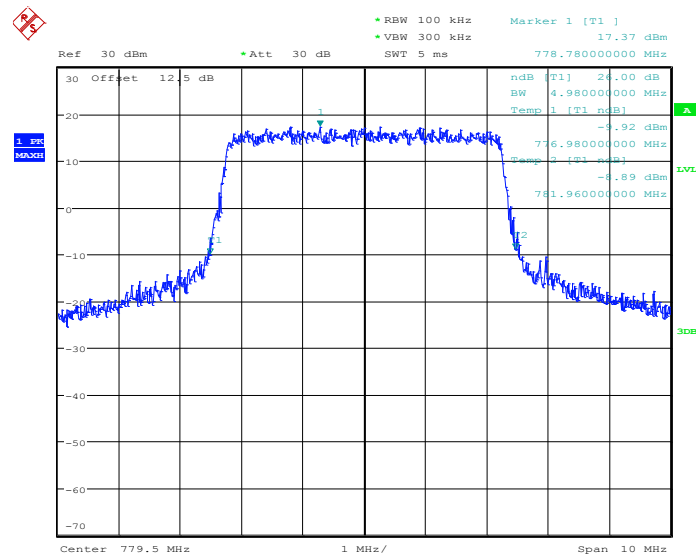
Band :	LTE Band 13	BW / Mod. :	5MHz / QPSK
--------	-------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 23205



Date: 10.JUL.2014 23:11:08

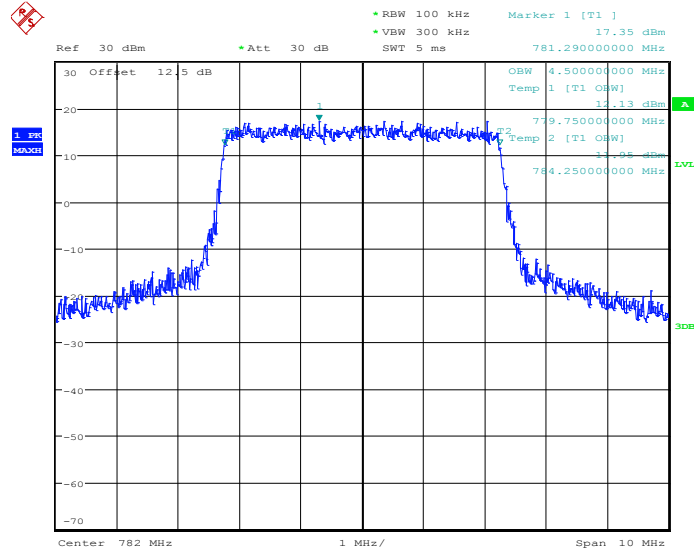
26dB Bandwidth Plot on Channel 23205



Date: 10.JUL.2014 23:03:37

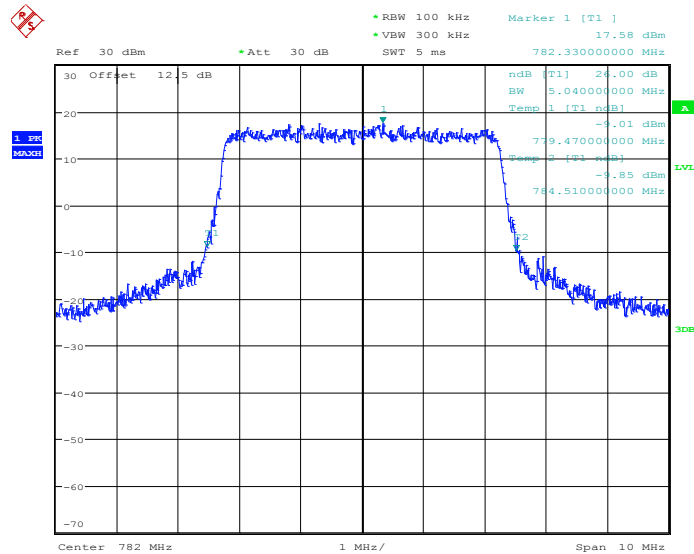


99% Occupied Bandwidth Plot on Channel 23230



Date: 10.JUL.2014 23:04:14

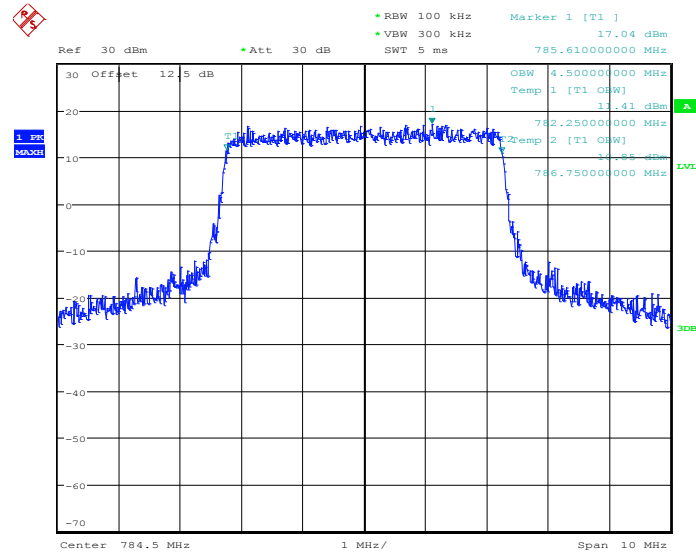
26dB Bandwidth Plot on Channel 23230



Date: 10.JUL.2014 23:04:51

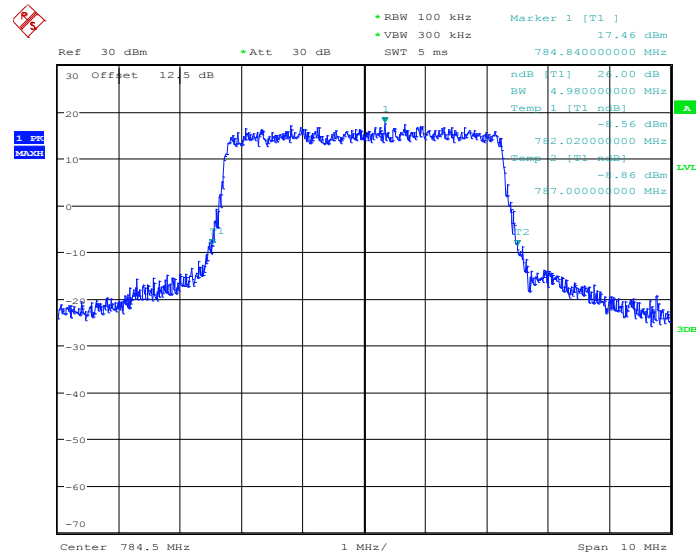


99% Occupied Bandwidth Plot on Channel 23255



Date: 10.JUL.2014 23:05:28

26dB Bandwidth Plot on Channel 23255

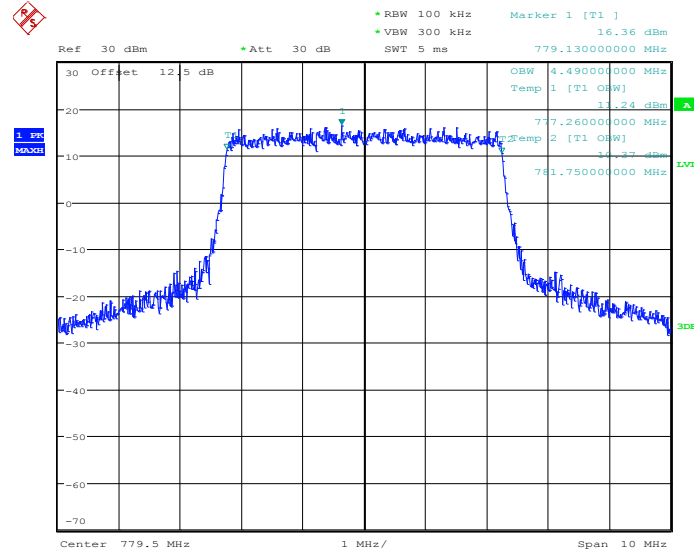


Date: 10.JUL.2014 23:06:05



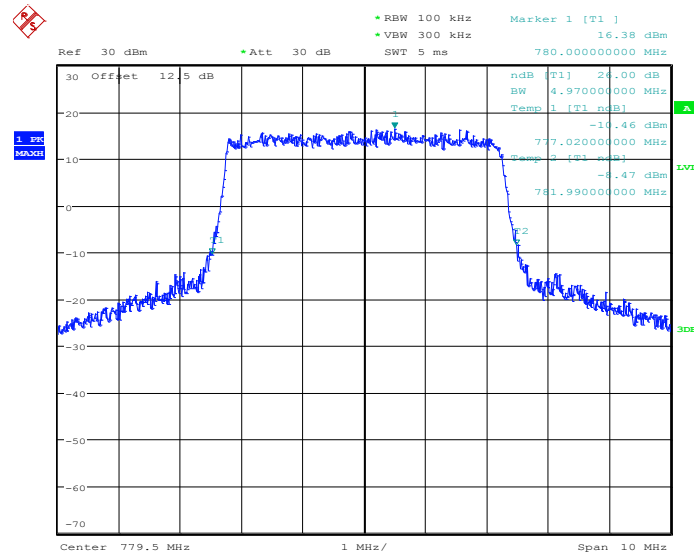
Band :	LTE Band 13	BW / Mod. :	5MHz / 16QAM
--------	-------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 23205



Date: 10.JUL.2014 23:03:17

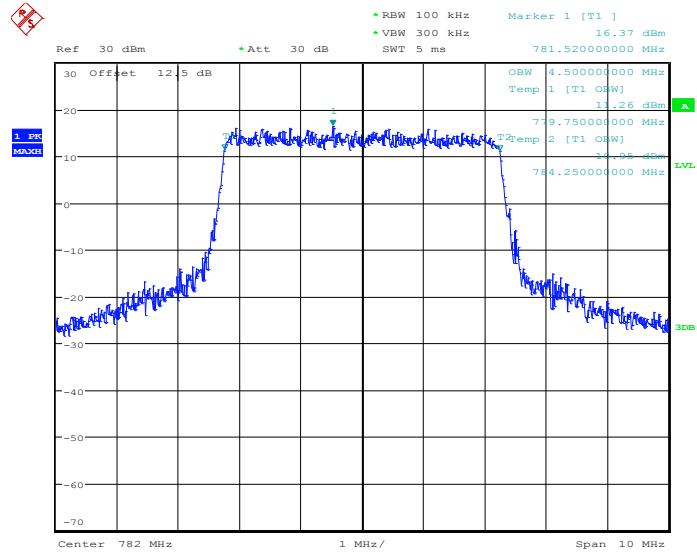
26dB Bandwidth Plot on Channel 23205



Date: 10.JUL.2014 23:03:56

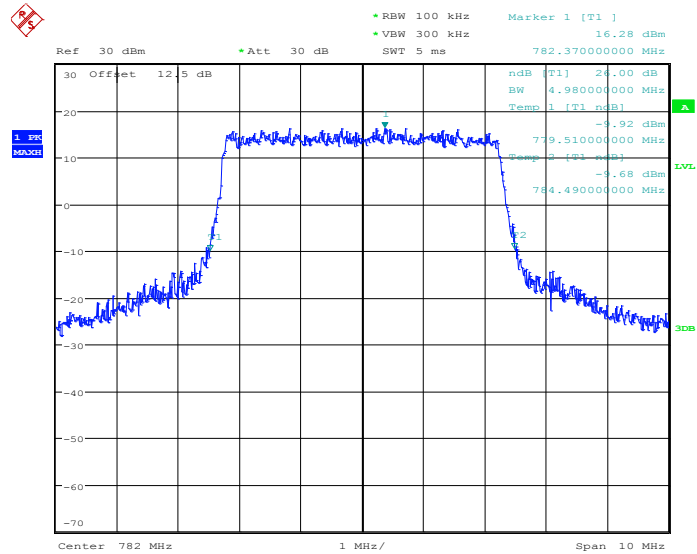


99% Occupied Bandwidth Plot on Channel 23230



Date: 10.JUL.2014 23:04:31

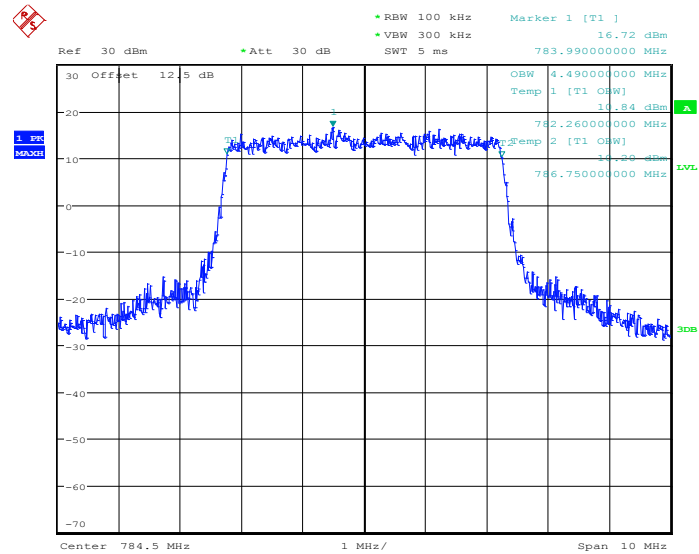
26dB Bandwidth Plot on Channel 23230



Date: 10.JUL.2014 23:05:10

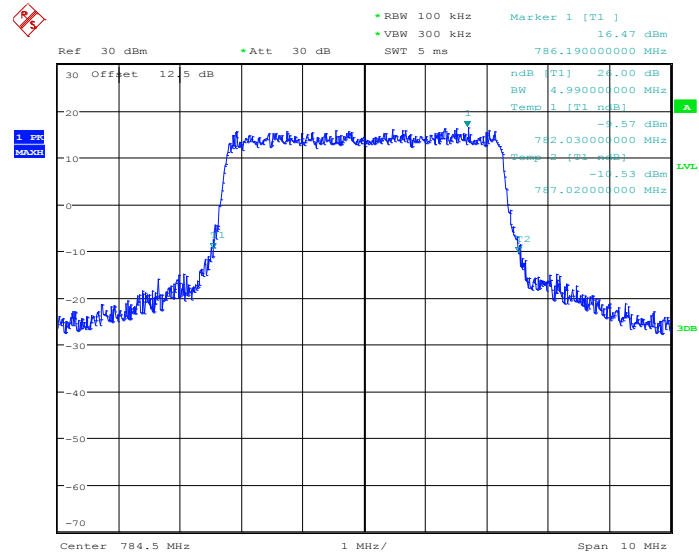


99% Occupied Bandwidth Plot on Channel 23255



Date: 10.JUL.2014 23:05:45

26dB Bandwidth Plot on Channel 23255

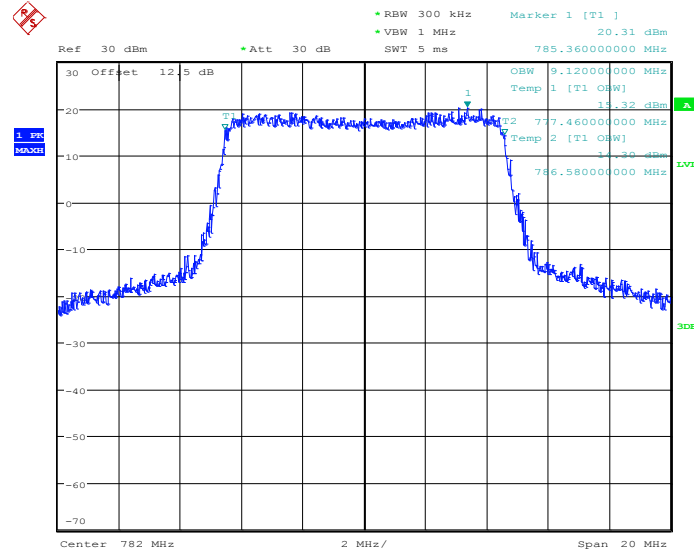


Date: 10.JUL.2014 23:06:24



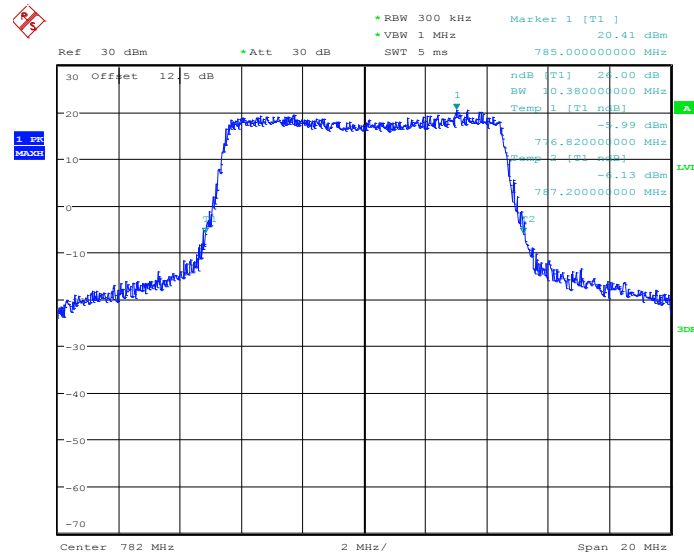
Band :	LTE Band 13	BW / Mod. :	10MHz / QPSK
--------	-------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 23230



Date: 10.JUL.2014 23:06:46

26dB Bandwidth Plot on Channel 23230

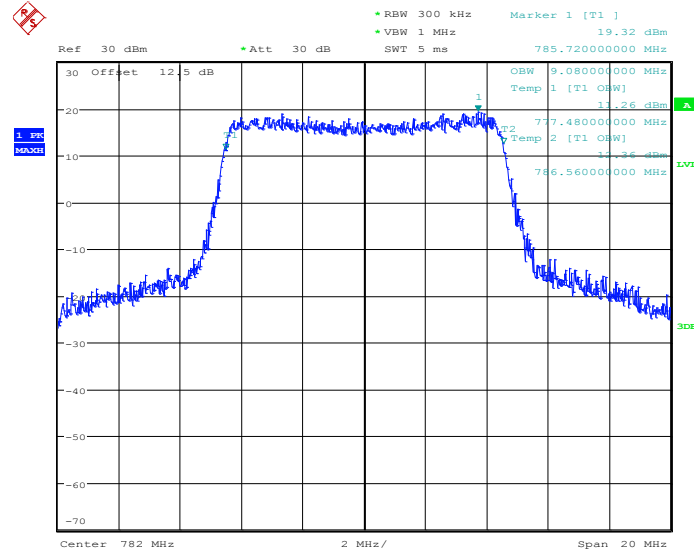


Date: 10.JUL.2014 23:07:23



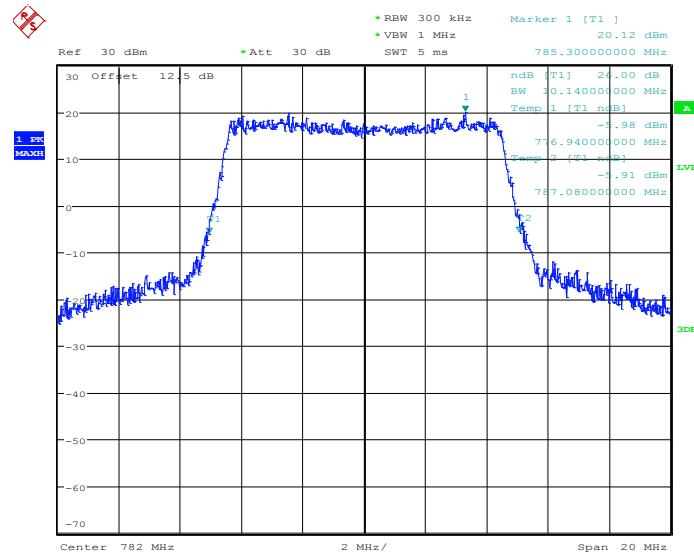
Band :	LTE Band 13	BW / Mod. :	10MHz / 16QAM
--------	-------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 23230



Date: 10.JUL.2014 23:07:04

26dB Bandwidth Plot on Channel 23230

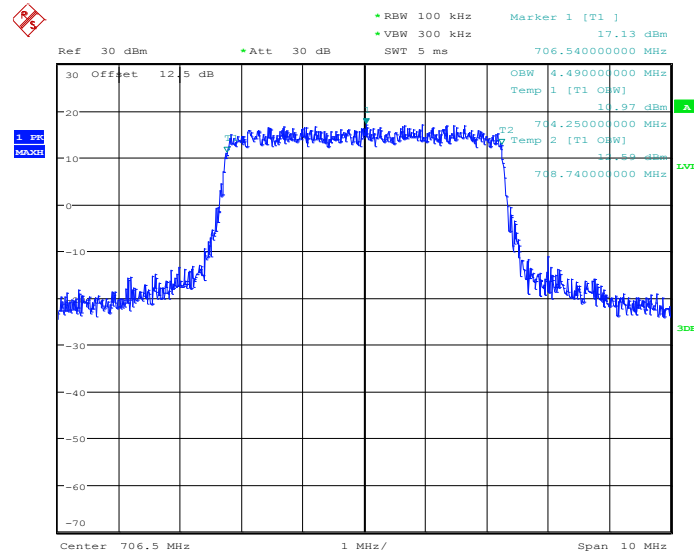


Date: 10.JUL.2014 23:07:43



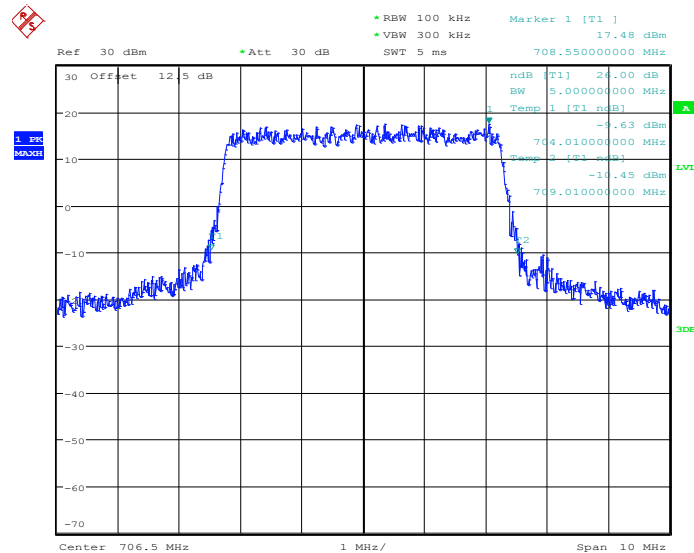
Band :	LTE Band 17	BW / Mod. :	5MHz / QPSK
--------	-------------	-------------	-------------

99% Occupied Bandwidth Plot on Channel 23755



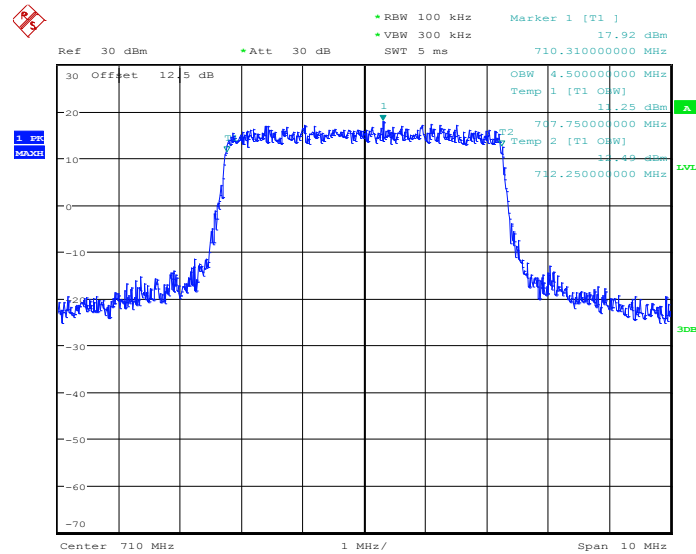
Date: 9.JUL.2014 22:46:07

26dB Bandwidth Plot on Channel 23755



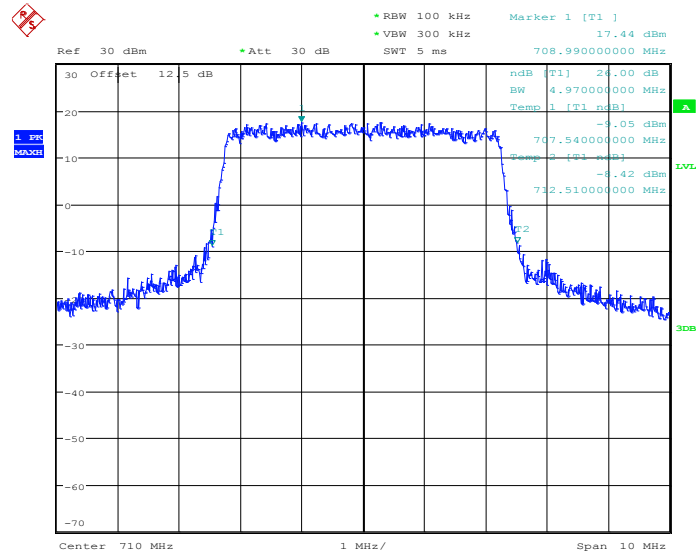
Date: 9.JUL.2014 22:46:38

99% Occupied Bandwidth Plot on Channel 23790



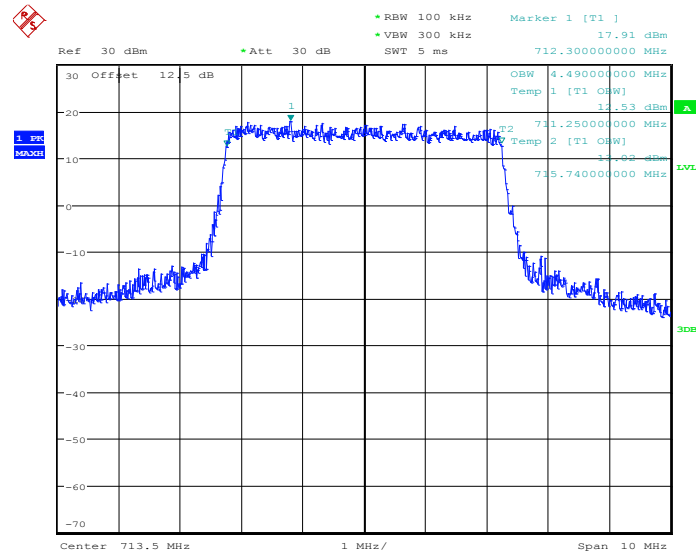
Date: 9.JUL.2014 22:52:07

26dB Bandwidth Plot on Channel 23790



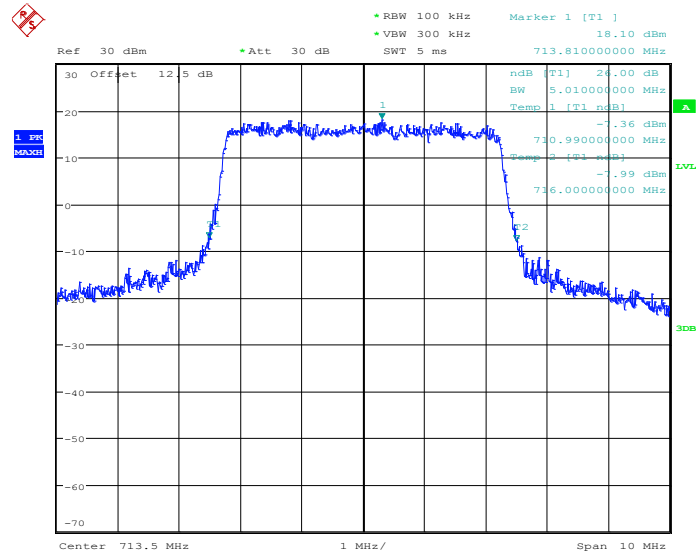
Date: 9.JUL.2014 22:52:37

99% Occupied Bandwidth Plot on Channel 23825



Date: 9.JUL.2014 22:55:05

26dB Bandwidth Plot on Channel 23825

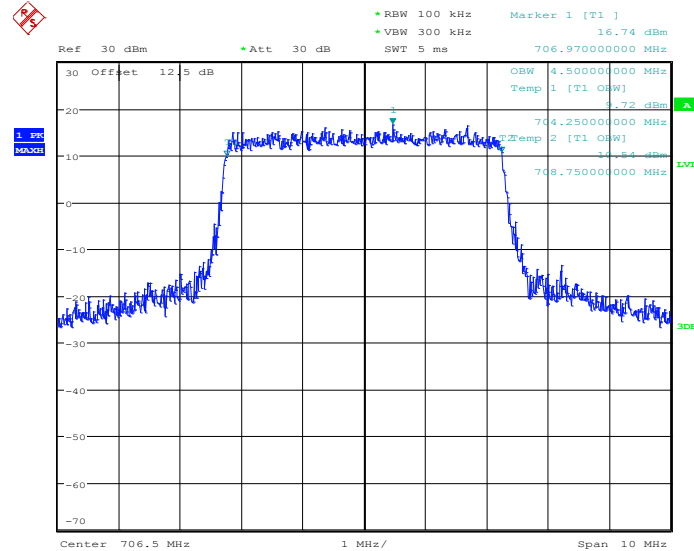


Date: 9.JUL.2014 22:55:35



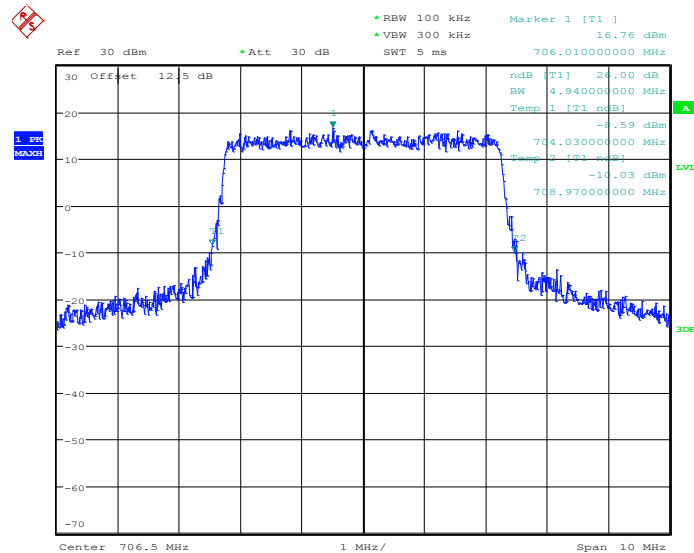
Band :	LTE Band 17	BW / Mod. :	5MHz / 16QAM
--------	-------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 23755



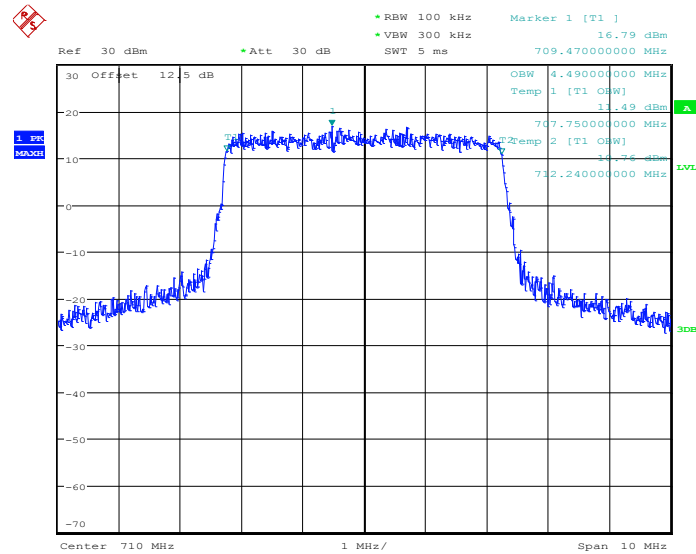
Date: 9.JUL.2014 22:46:22

26dB Bandwidth Plot on Channel 23755



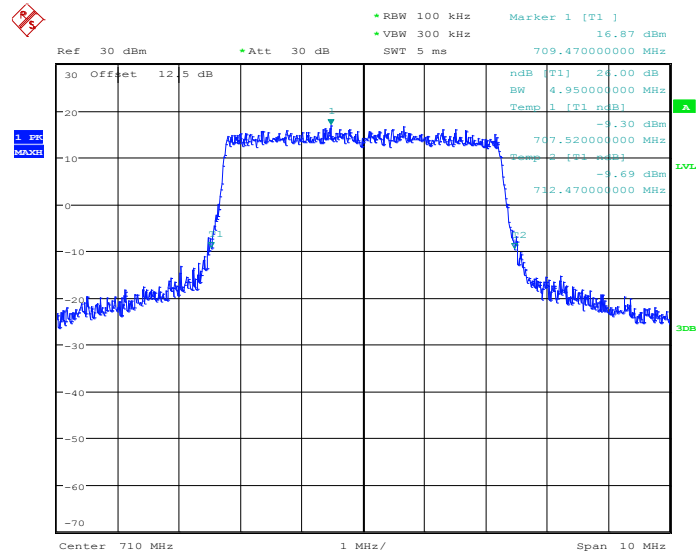
Date: 9.JUL.2014 22:46:54

99% Occupied Bandwidth Plot on Channel 23790



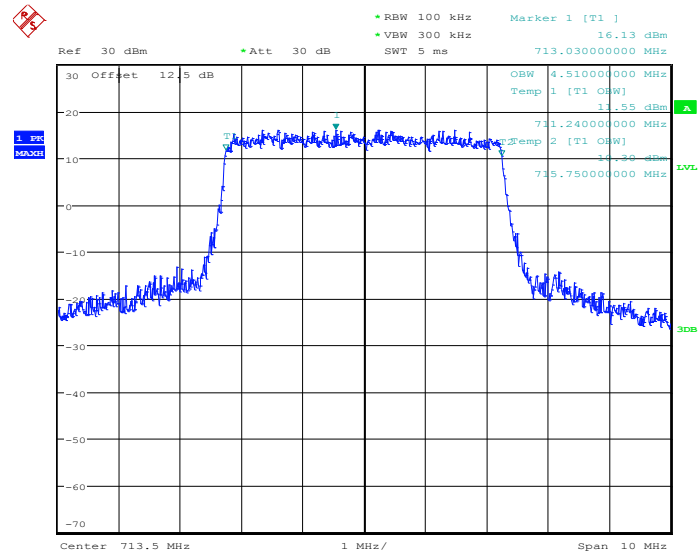
Date: 9.JUL.2014 22:52:21

26dB Bandwidth Plot on Channel 23790



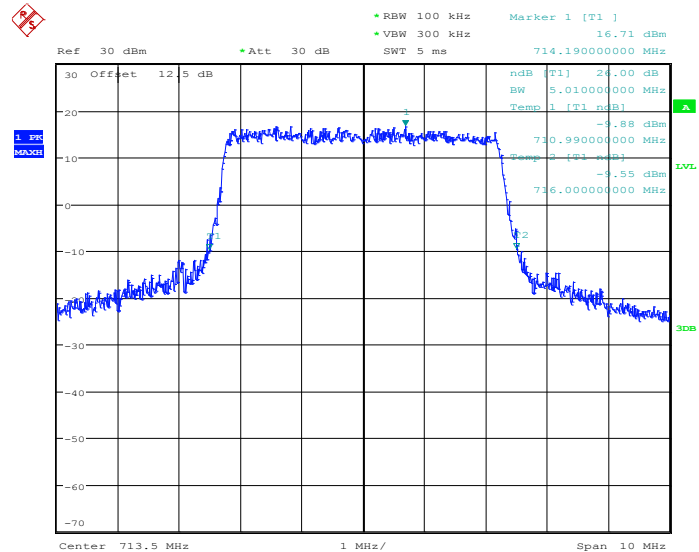
Date: 9.JUL.2014 22:52:53

99% Occupied Bandwidth Plot on Channel 23825



Date: 9.JUL.2014 22:55:19

26dB Bandwidth Plot on Channel 23825

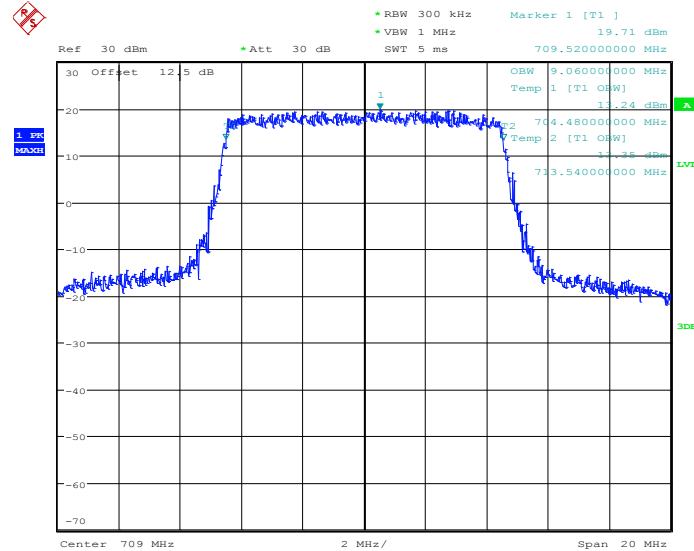


Date: 9.JUL.2014 22:55:51



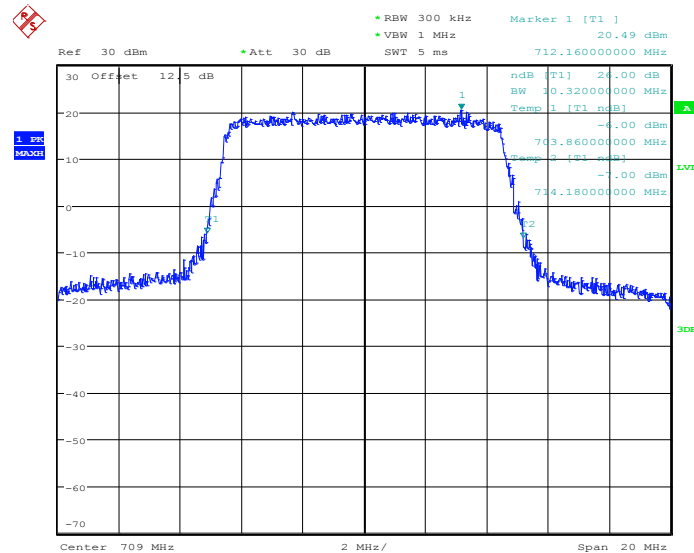
Band :	LTE Band 17	BW / Mod. :	10MHz / QPSK
--------	-------------	-------------	--------------

99% Occupied Bandwidth Plot on Channel 23780



Date: 9.JUL.2014 23:01:04

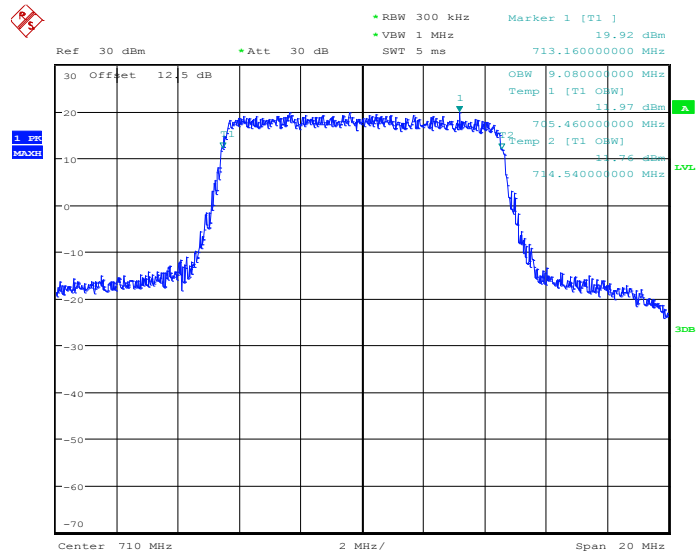
26dB Bandwidth Plot on Channel 23780



Date: 9.JUL.2014 23:01:34

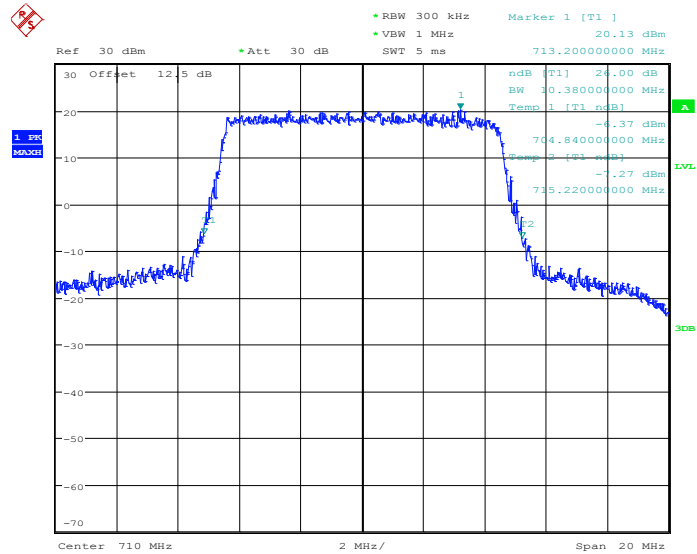


99% Occupied Bandwidth Plot on Channel 23790



Date: 9.JUL.2014 23:07:03

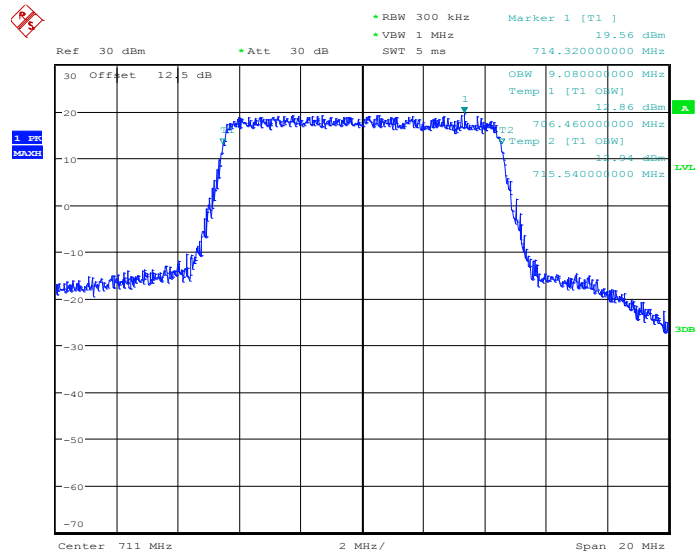
26dB Bandwidth Plot on Channel 23790



Date: 9.JUL.2014 23:07:33

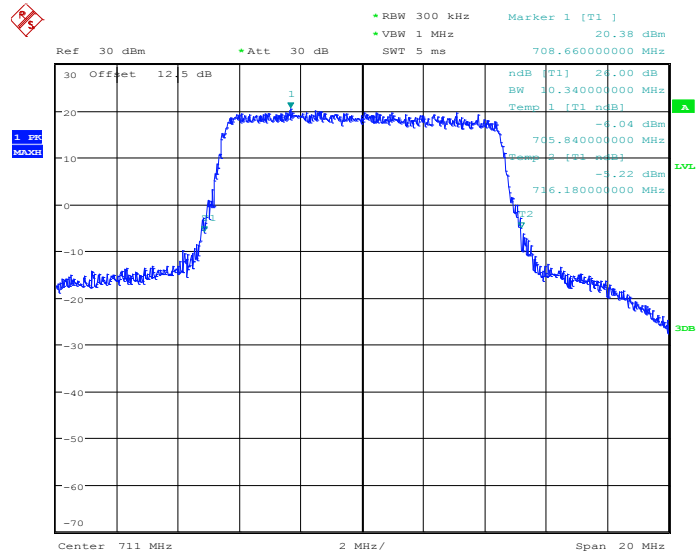


99% Occupied Bandwidth Plot on Channel 23800



Date: 9.JUL.2014 23:10:00

26dB Bandwidth Plot on Channel 23800

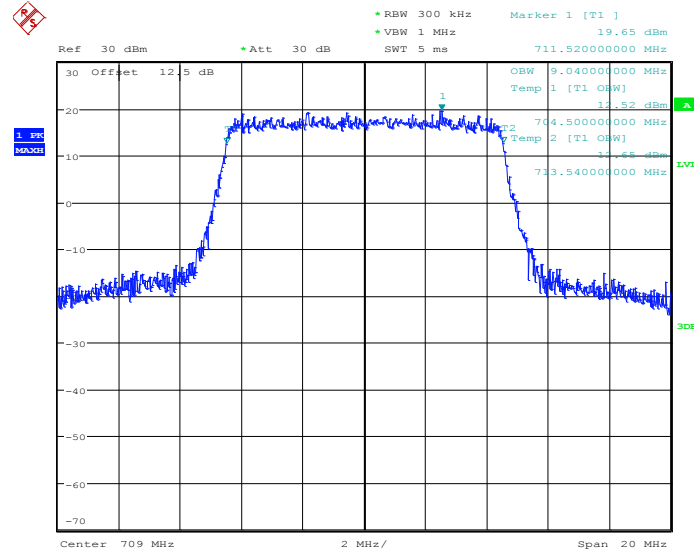


Date: 9.JUL.2014 23:10:30



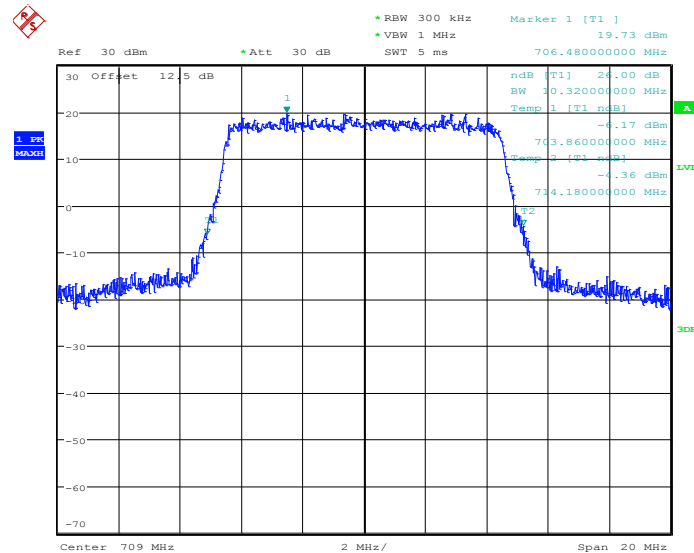
Band :	LTE Band 17	BW / Mod. :	10MHz / 16QAM
--------	-------------	-------------	---------------

99% Occupied Bandwidth Plot on Channel 23780



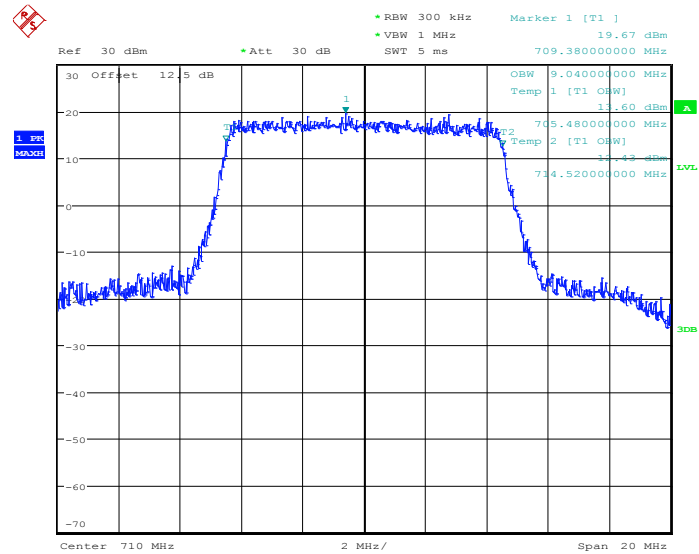
Date: 9.JUL.2014 23:01:18

26dB Bandwidth Plot on Channel 23780



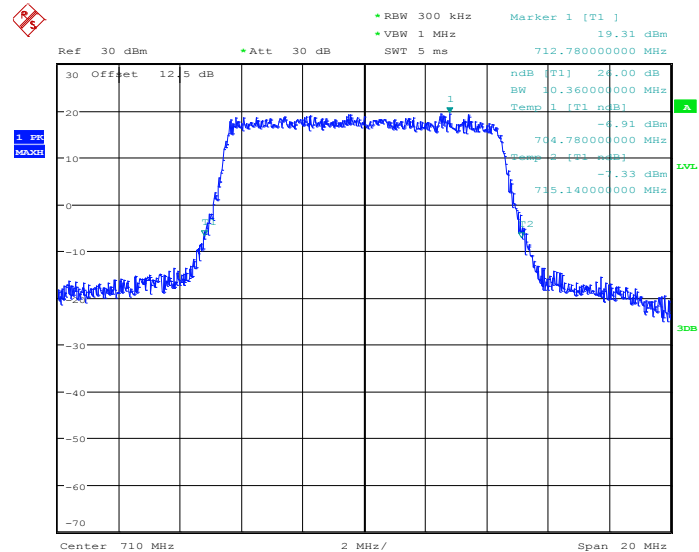
Date: 9.JUL.2014 23:01:50

99% Occupied Bandwidth Plot on Channel 23790



Date: 9.JUL.2014 23:07:17

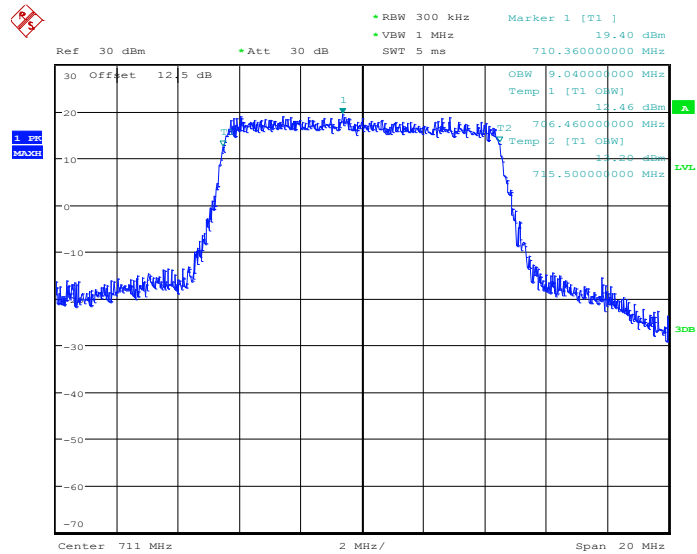
26dB Bandwidth Plot on Channel 23790



Date: 9.JUL.2014 23:07:49

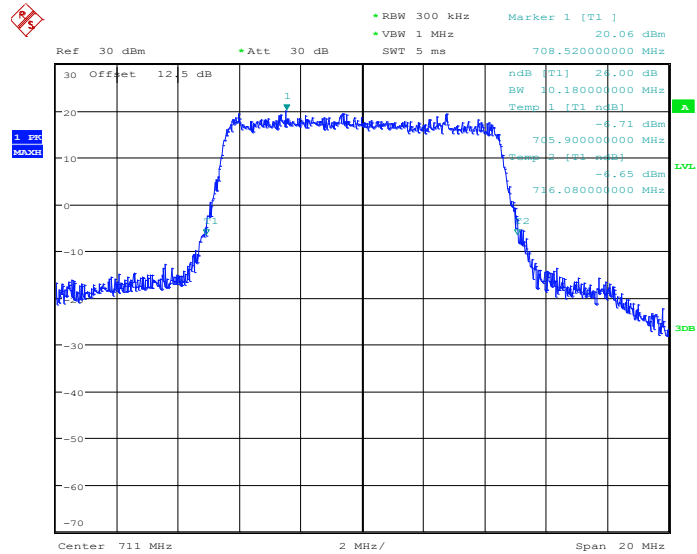


99% Occupied Bandwidth Plot on Channel 23800



Date: 9.JUL.2014 23:10:14

26dB Bandwidth Plot on Channel 23800



Date: 9.JUL.2014 23:10:46