

3.4 Occupied Bandwidth

3.4.1 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.

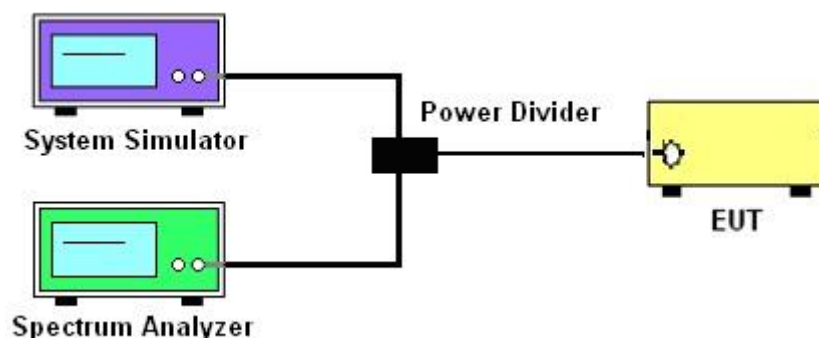
3.4.2 Measuring Instruments

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

3.4.3 Test Procedures

1. The testing FCC KDB 971168 v02r01 Section 4.2.
2. The EUT was connected to spectrum analyzer and system simulator via a power divider.
3. The 26dB and 99% occupied bandwidth (BW) of the middle channel for the highest RF power with full RB sizes were measured.

3.4.4 Test Setup

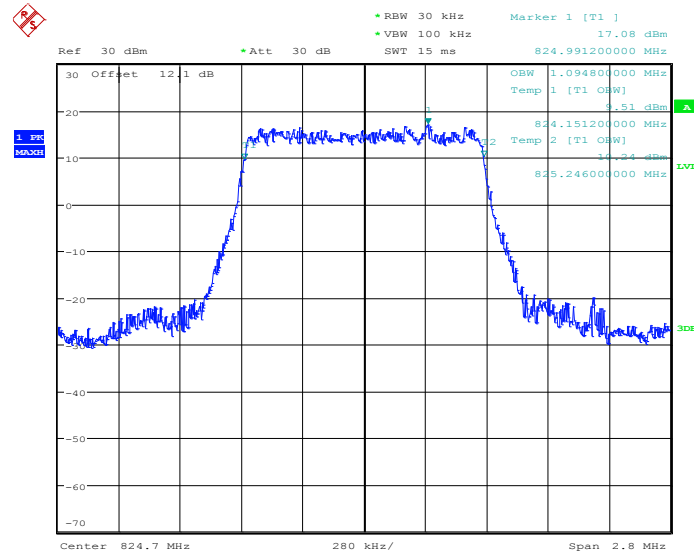




3.4.5 Test Result (Plots) of Occupied Bandwidth

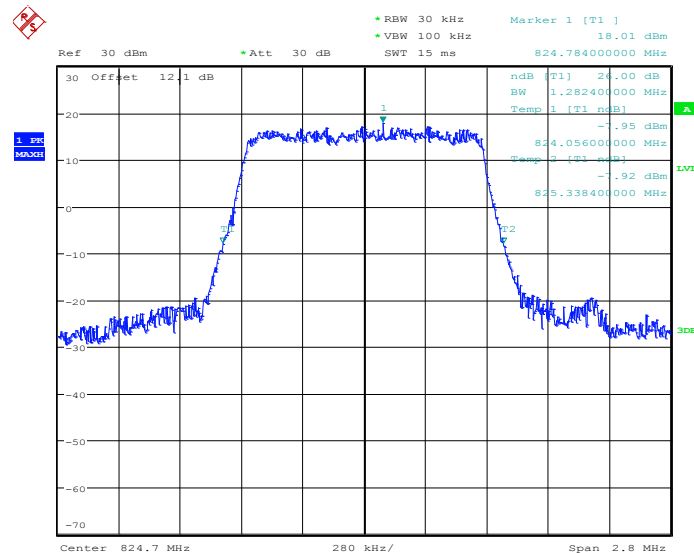
Band :	LTE Band 5	BW / Mod. :	1.4MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 20407



Date: 15.JUN.2014 14:36:40

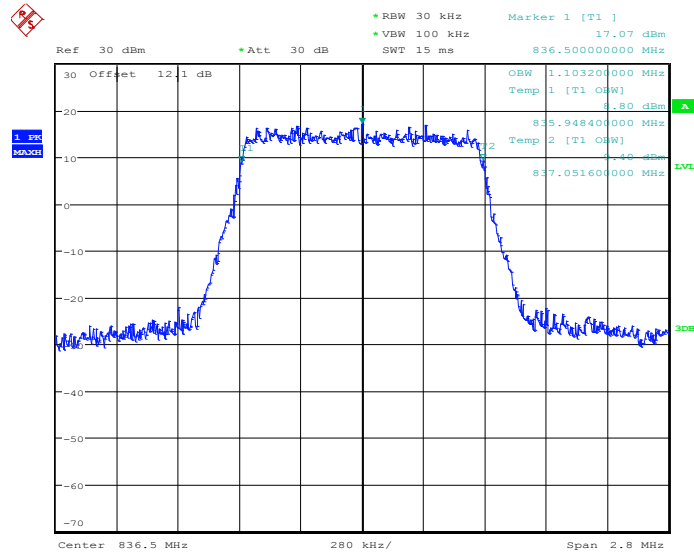
26dB Bandwidth Plot on Channel 20407



Date: 15.JUN.2014 14:37:37

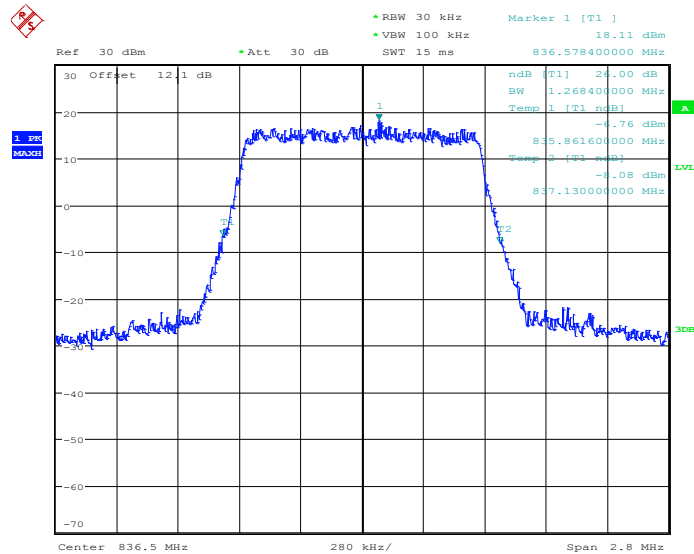


99% Occupied Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 14:43:15

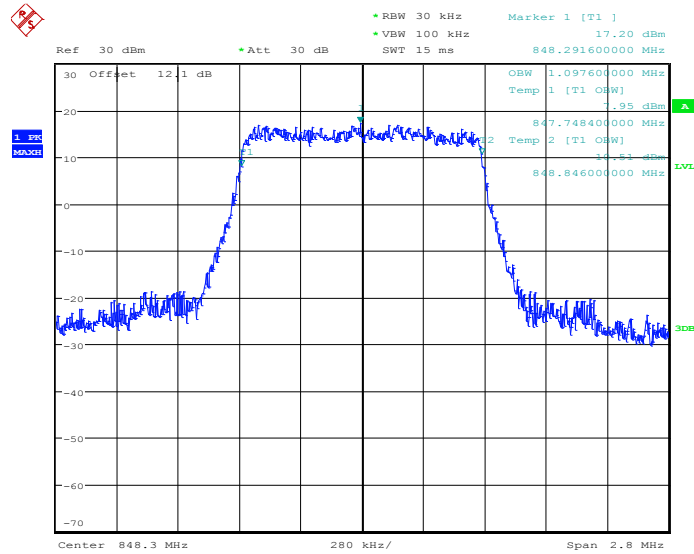
26dB Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 14:43:52

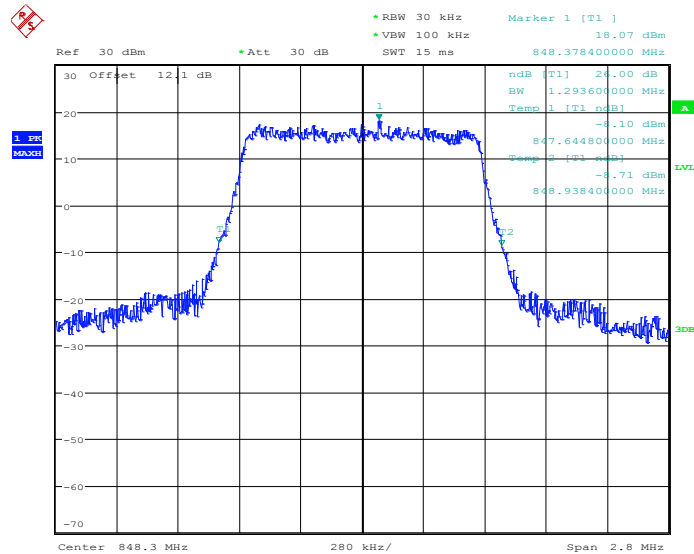


99% Occupied Bandwidth Plot on Channel 20643



Date: 15.JUN.2014 14:46:32

26dB Bandwidth Plot on Channel 20643

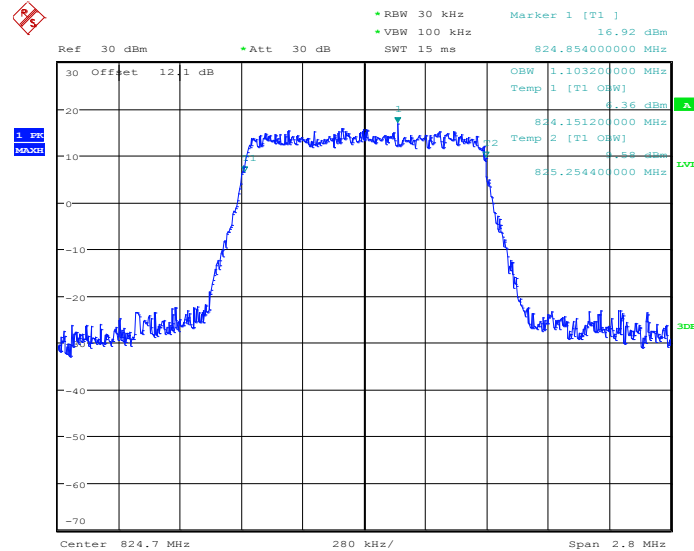


Date: 15.JUN.2014 14:47:09



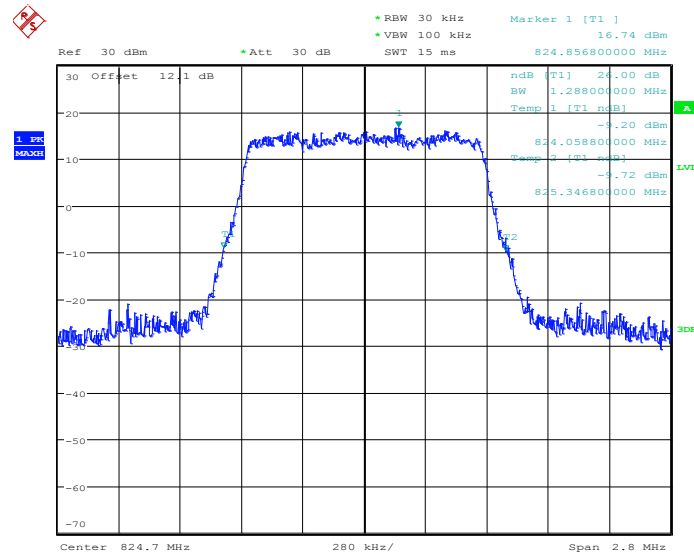
Band :	LTE Band 5	BW / Mod. :	1.4MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 20407



Date: 15.JUN.2014 14:36:59

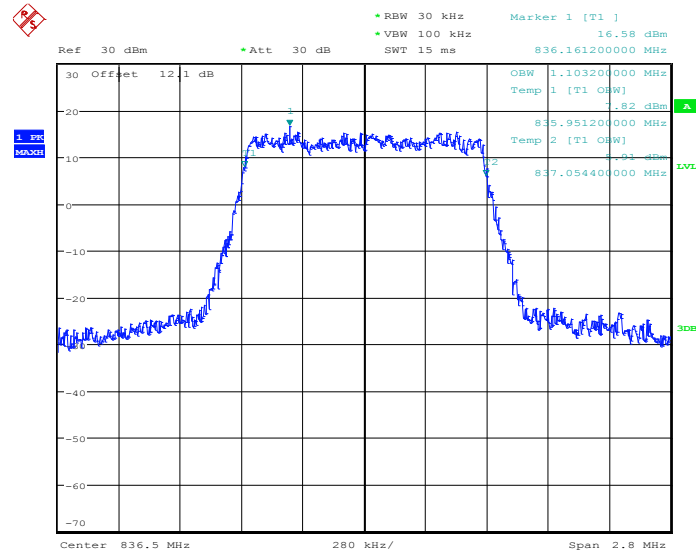
26dB Bandwidth Plot on Channel 20407



Date: 15.JUN.2014 14:37:18

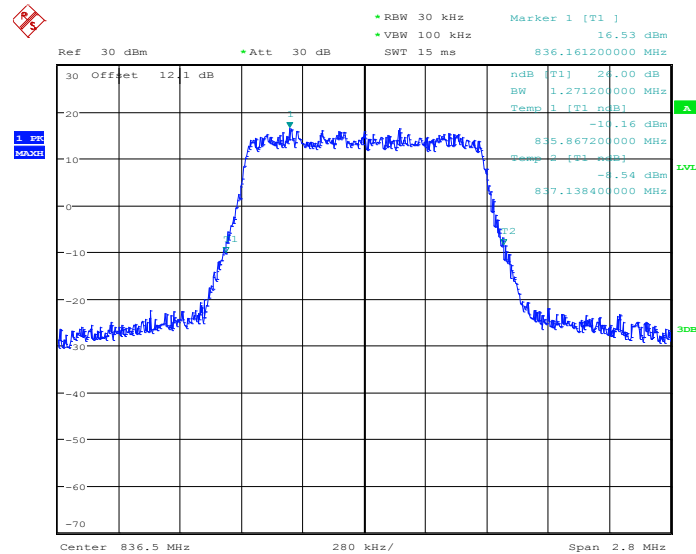


99% Occupied Bandwidth Plot on Channel 20525



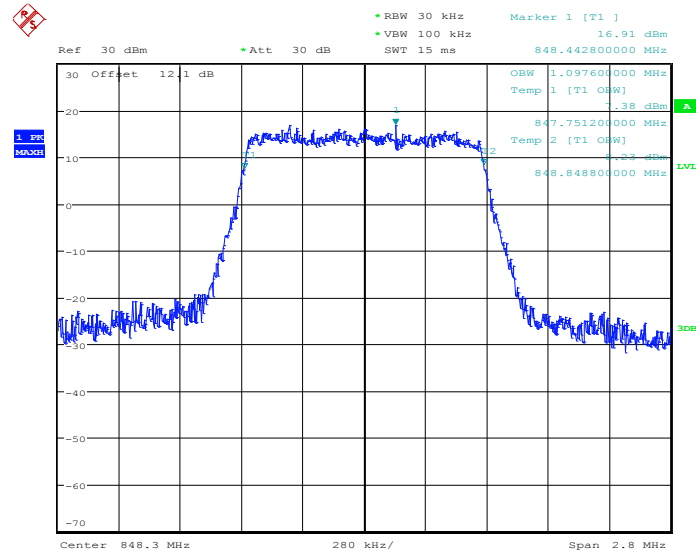
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26dB Bandwidth Plot on Channel 20525



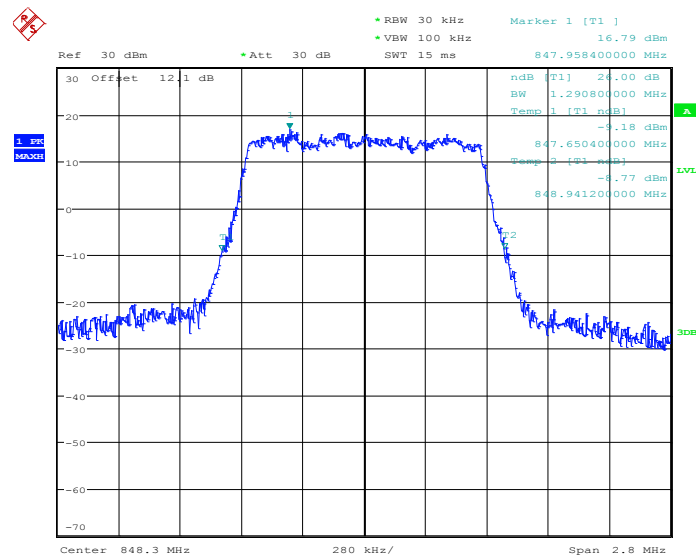
Date: 15.JUN.2014 14:44:12

99% Occupied Bandwidth Plot on Channel 20643



Date: 15.JUN.2014 14:46:50

26dB Bandwidth Plot on Channel 20643

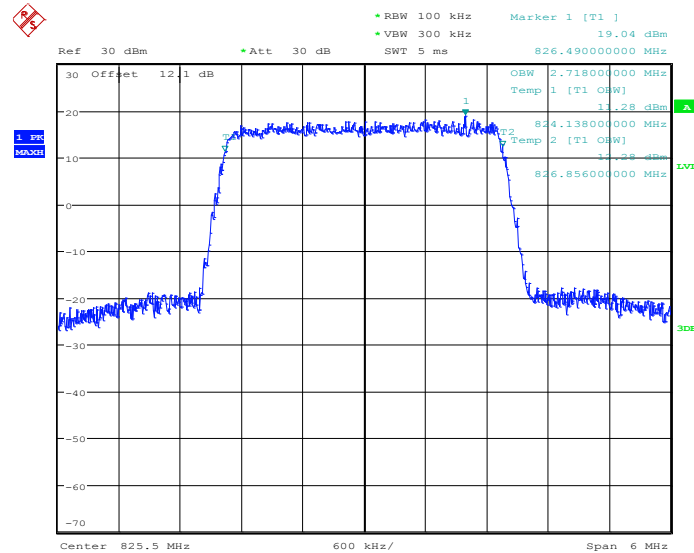


Date: 15.JUN.2014 14:47:29



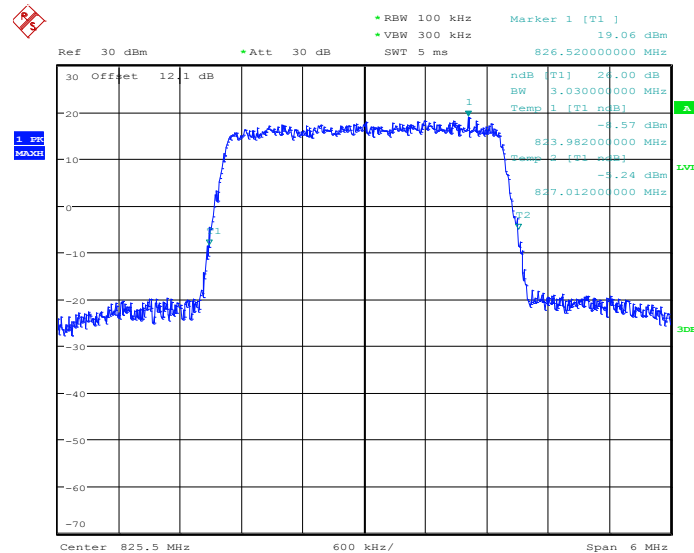
Band :	LTE Band 5	BW / Mod. :	3MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 20415



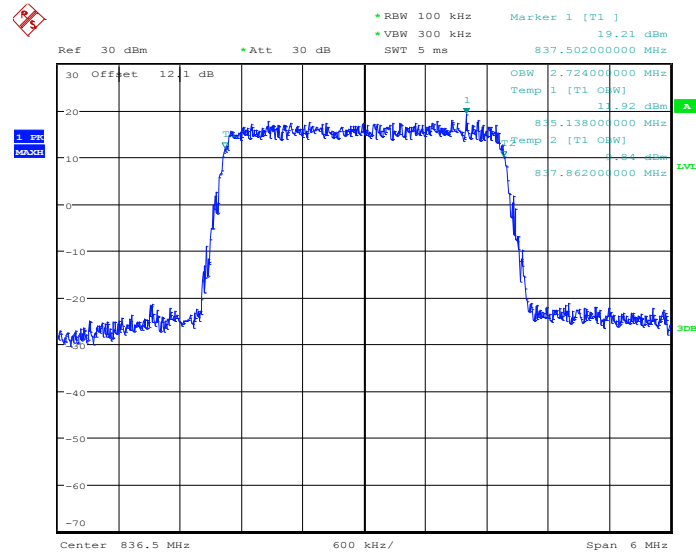
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26dB Bandwidth Plot on Channel 20415



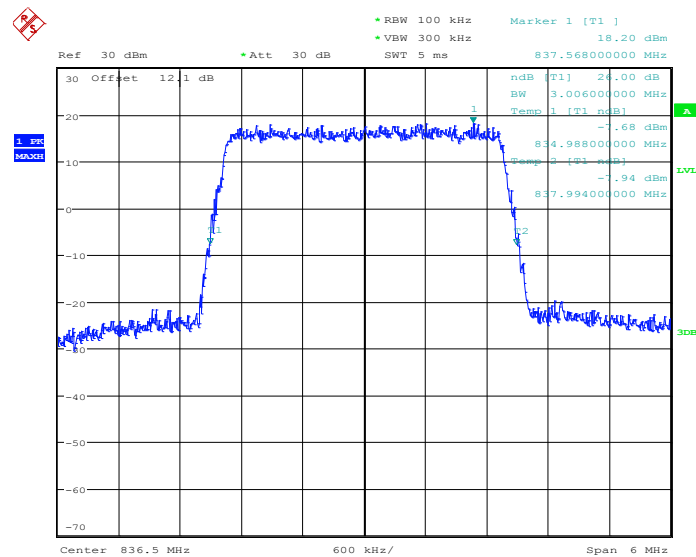
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99% Occupied Bandwidth Plot on Channel 20525



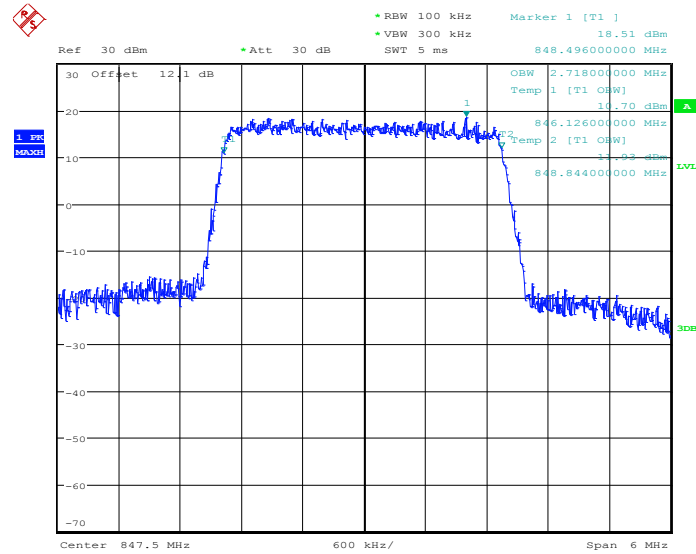
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26dB Bandwidth Plot on Channel 20525



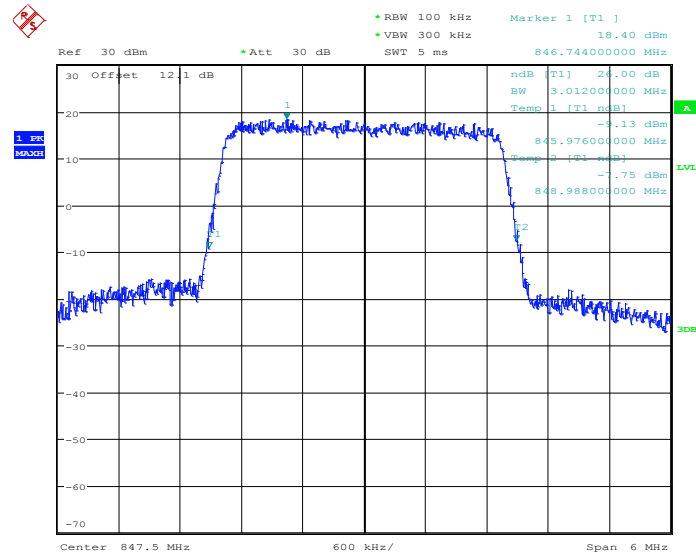
Date: 15.JUN.2014 15:02:33

99% Occupied Bandwidth Plot on Channel 20635



Date: 15.JUN.2014 15:05:13

26dB Bandwidth Plot on Channel 20635

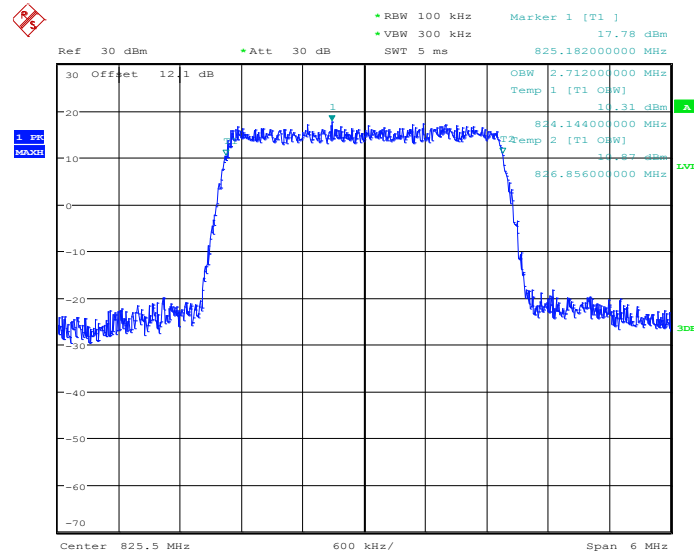


Date: 15.JUN.2014 15:07:28



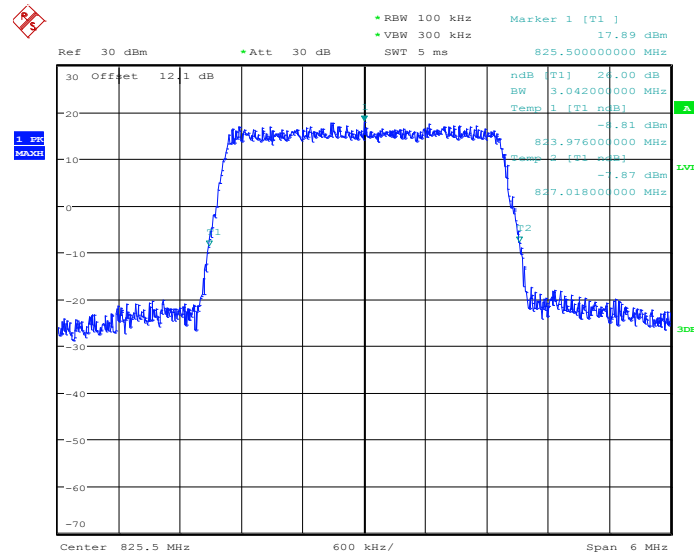
Band :	LTE Band 5	BW / Mod. :	3MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 20415



Date: 15.JUN.2014 14:55:42

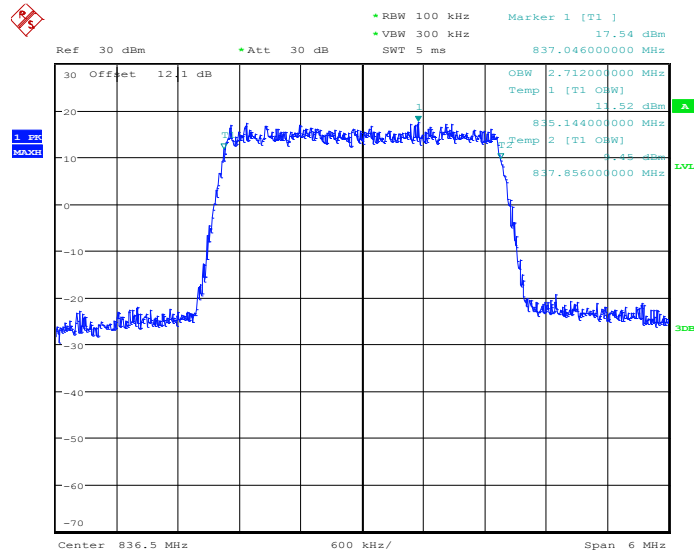
26dB Bandwidth Plot on Channel 20415



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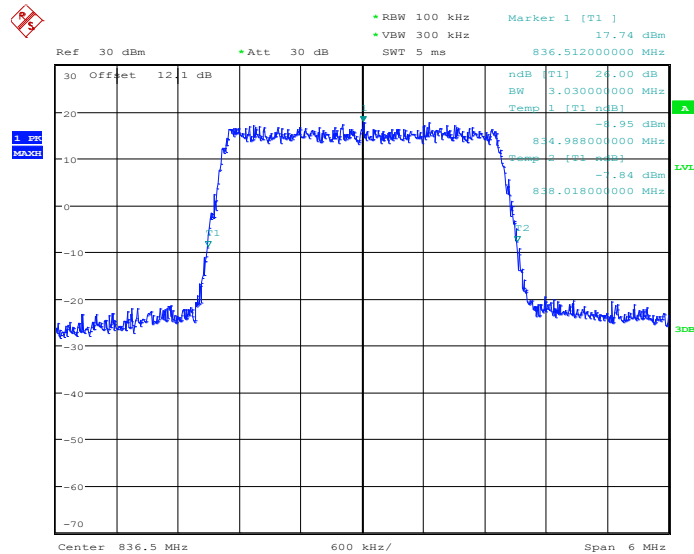


99% Occupied Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 15:02:14

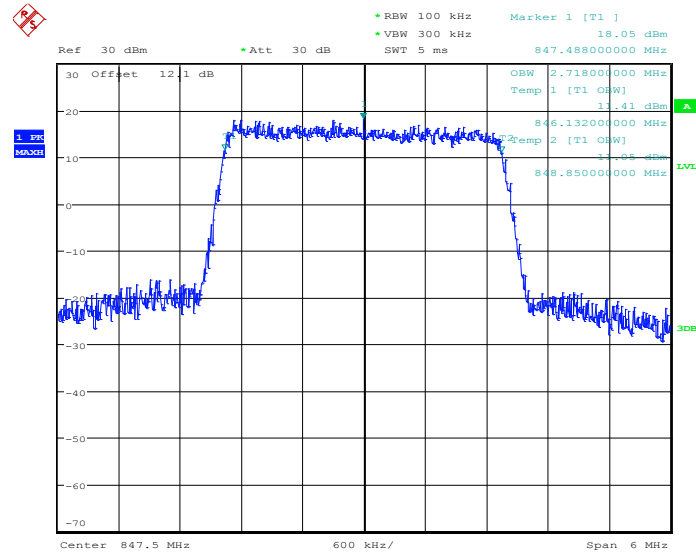
26dB Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 15:02:53

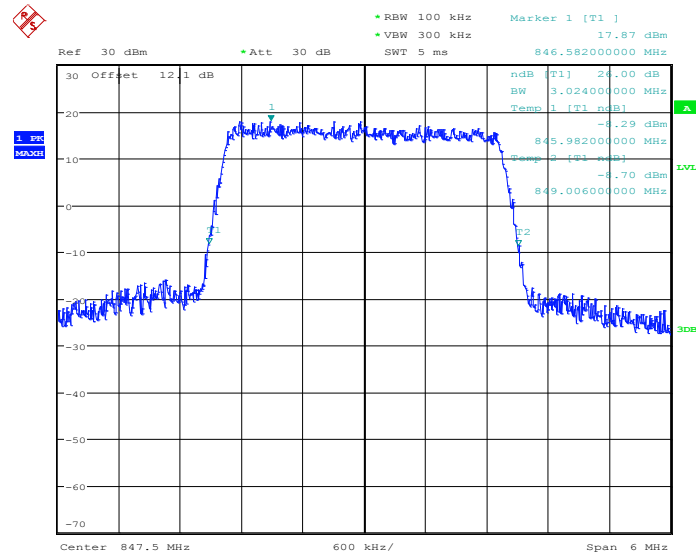


99% Occupied Bandwidth Plot on Channel 20635



Date: 15.JUN.2014 15:05:31

26dB Bandwidth Plot on Channel 20635

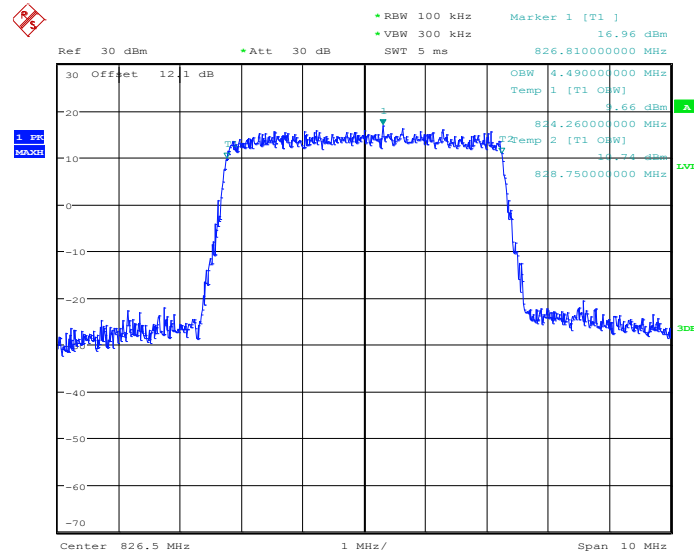


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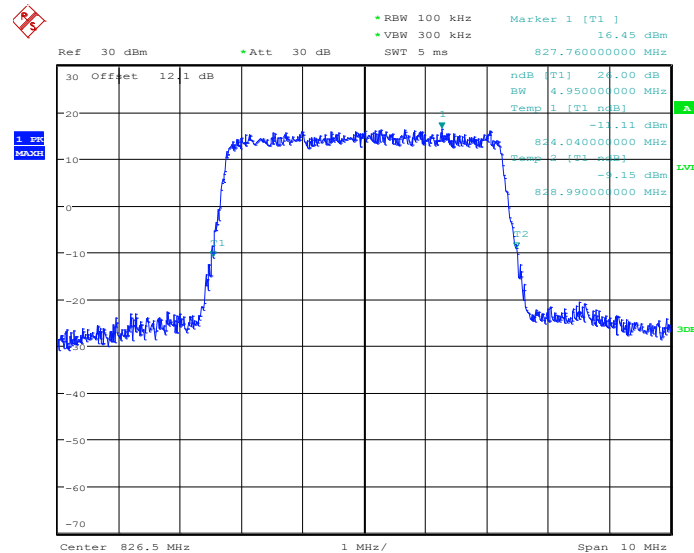
Band :	LTE Band 5	BW / Mod. :	5MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 20425



Date: 15.JUN.2014 15:13:27

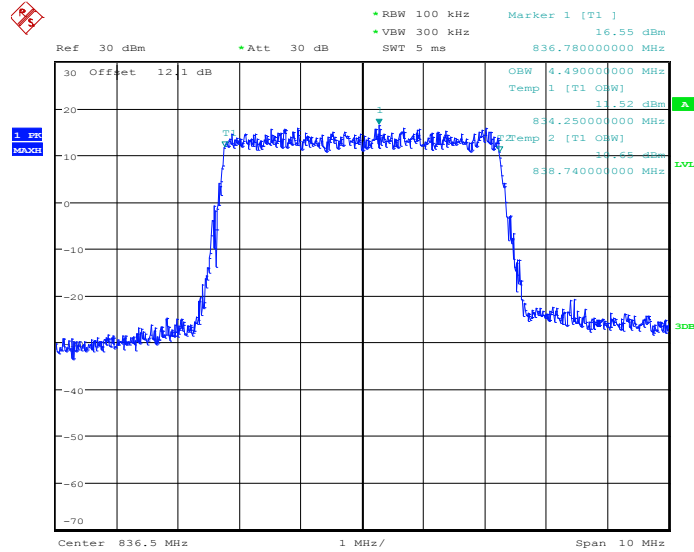
26dB Bandwidth Plot on Channel 20425



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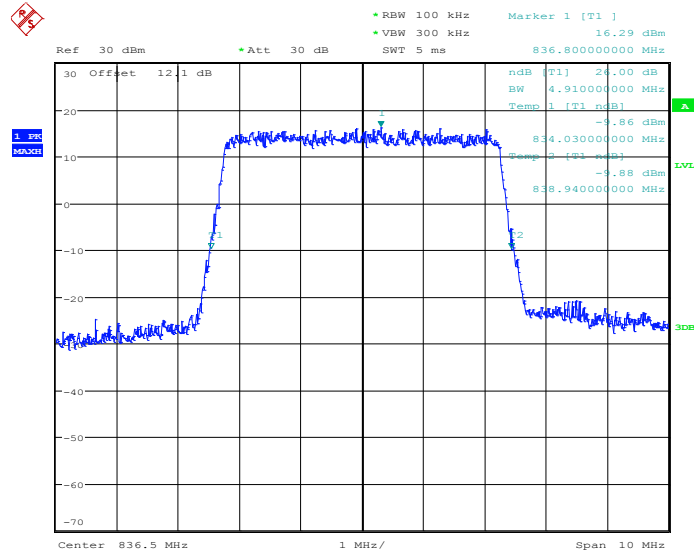


99% Occupied Bandwidth Plot on Channel 20525



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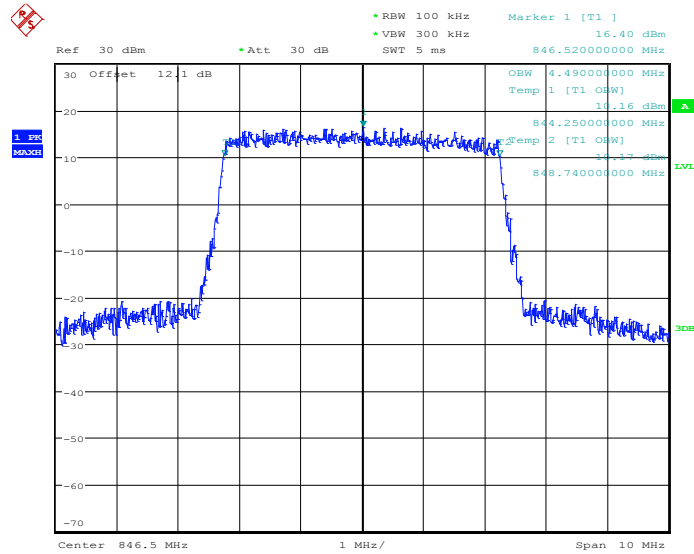
26dB Bandwidth Plot on Channel 20525



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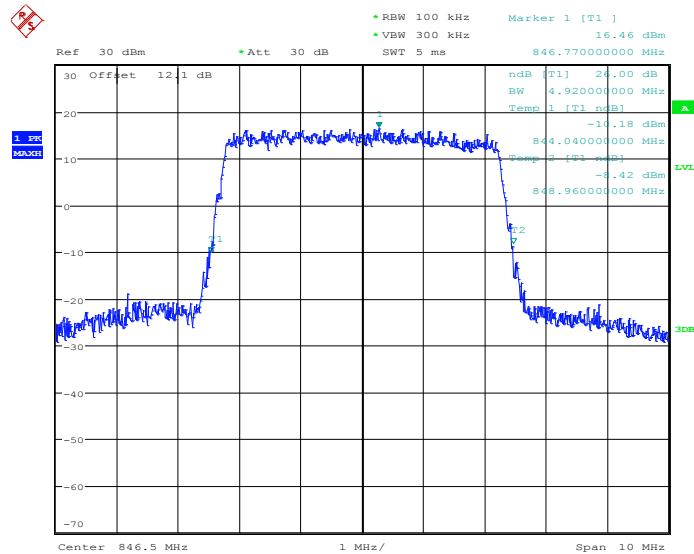


99% Occupied Bandwidth Plot on Channel 20625



Date: 15.JUN.2014 15:31:53

26dB Bandwidth Plot on Channel 20625

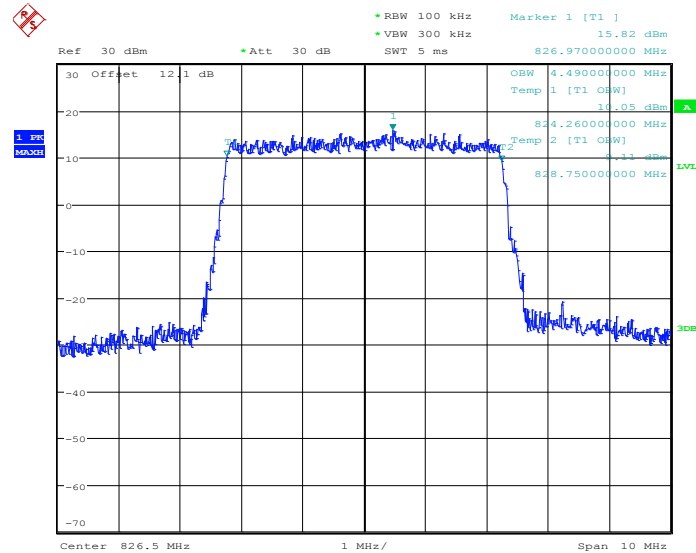


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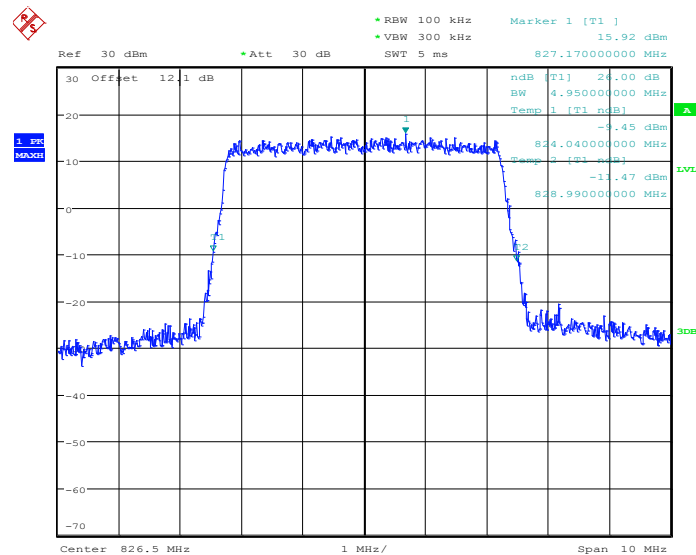
Band :	LTE Band 5	BW / Mod. :	5MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 20425



Date: 15.JUN.2014 15:13:44

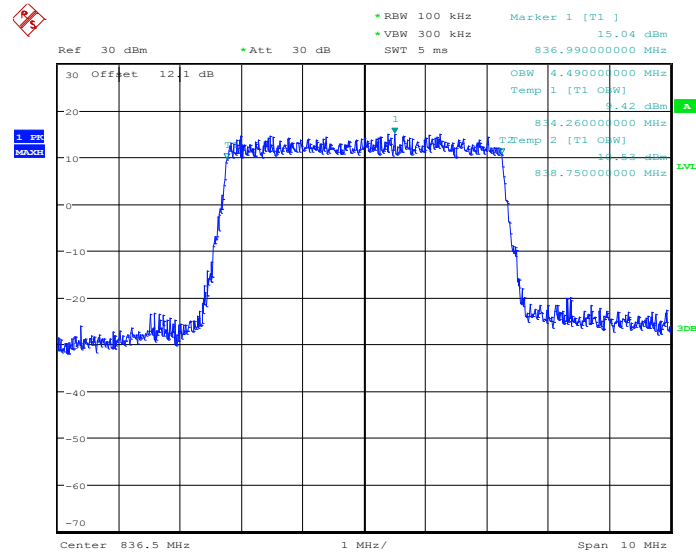
26dB Bandwidth Plot on Channel 20425



Date: 15.JUN.2014 15:14:23

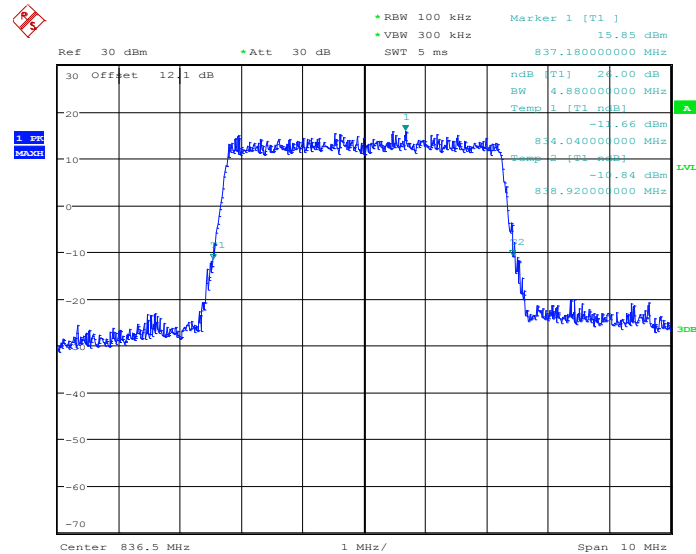


99% Occupied Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 15:20:15

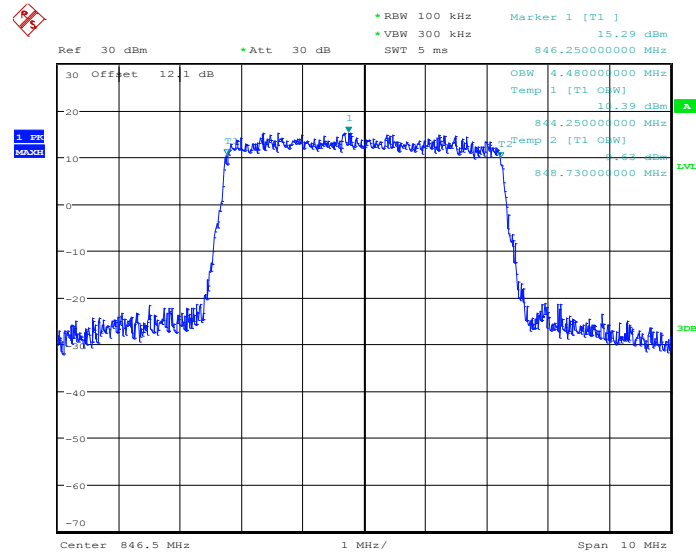
26dB Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 16:05:47

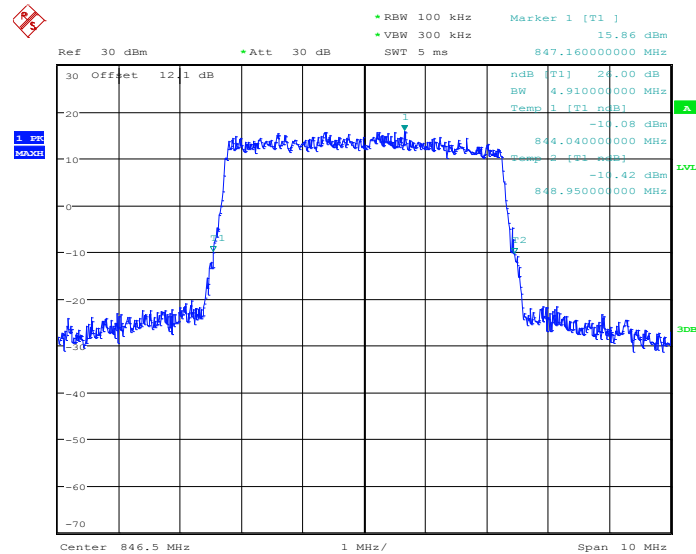


99% Occupied Bandwidth Plot on Channel 20625



Date: 15.JUN.2014 15:32:11

26dB Bandwidth Plot on Channel 20625

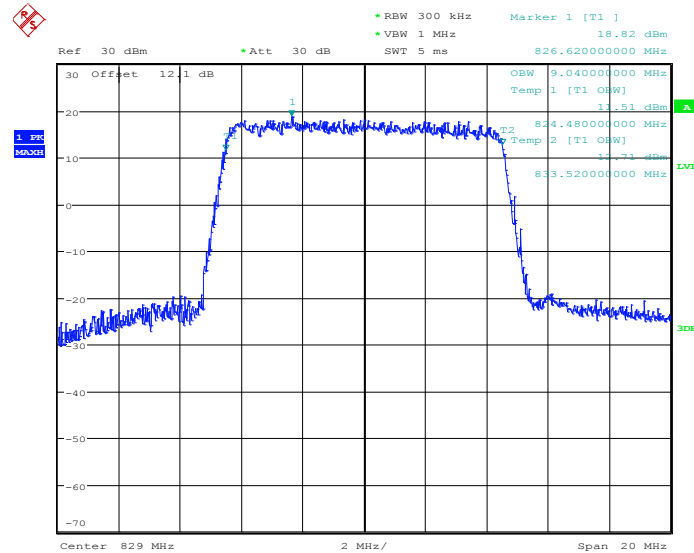


Date: 15.JUN.2014 15:32:50



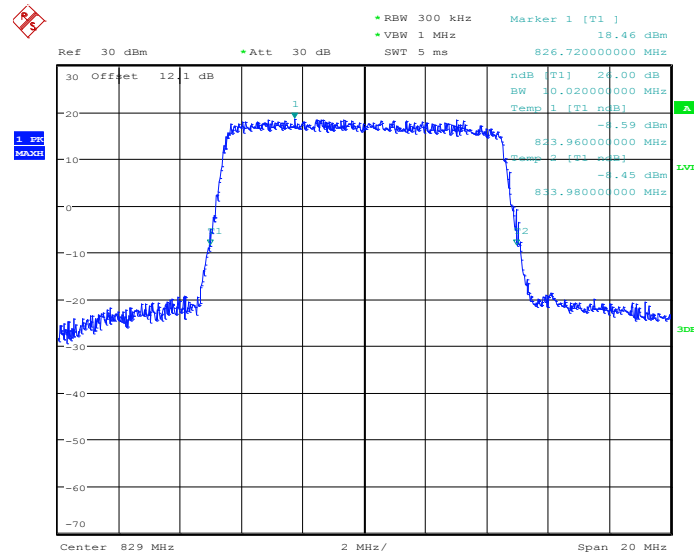
Band :	LTE Band 5	BW / Mod. :	10MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 20450



Date: 15.JUN.2014 15:41:36

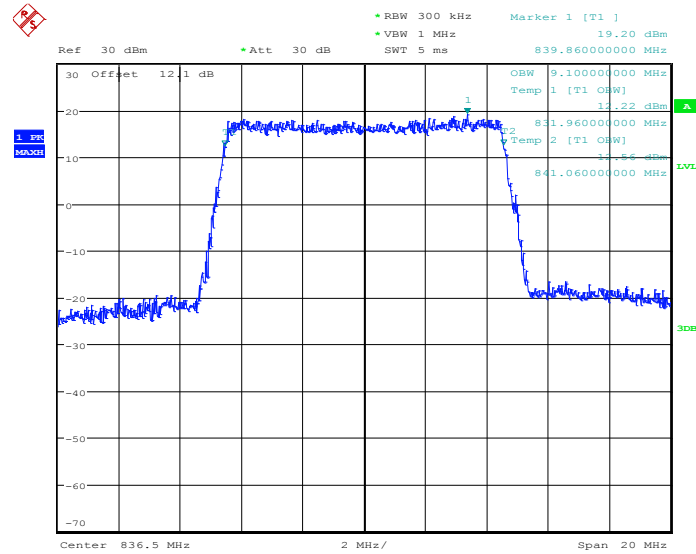
26dB Bandwidth Plot on Channel 20450



Date: 15.JUN.2014 15:42:13

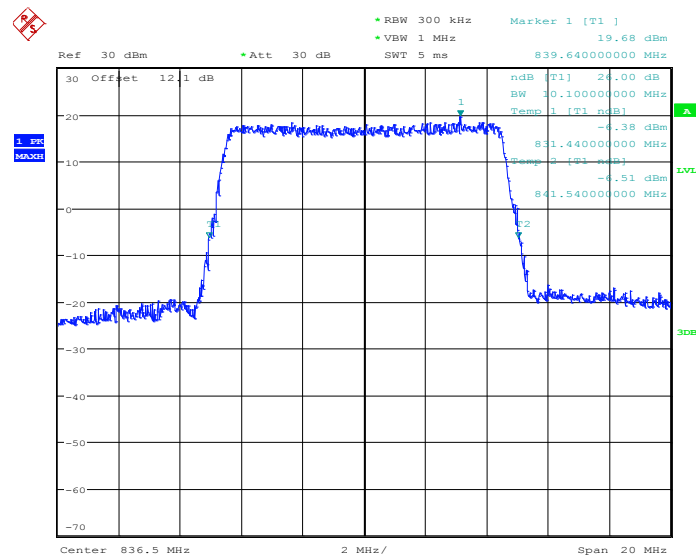


99% Occupied Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 15:48:06

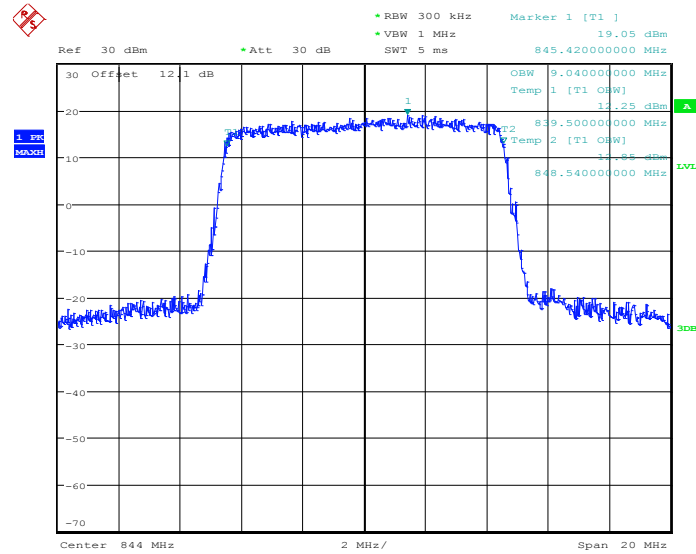
26dB Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 15:48:43

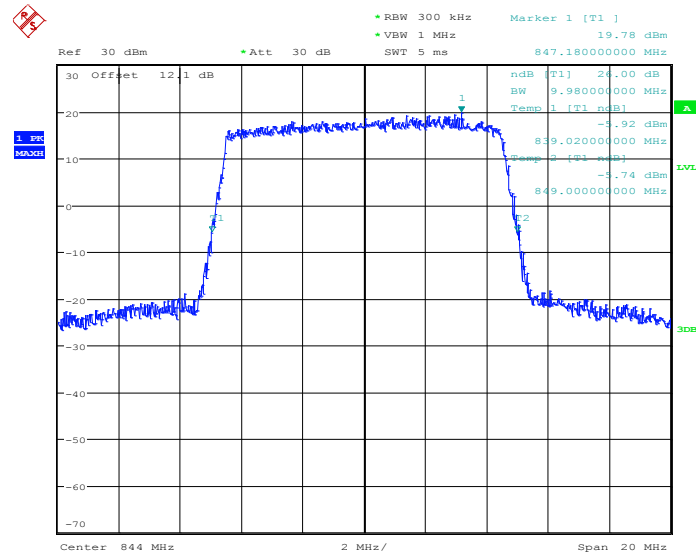


99% Occupied Bandwidth Plot on Channel 20600



Date: 15.JUN.2014 15:51:52

26dB Bandwidth Plot on Channel 20600

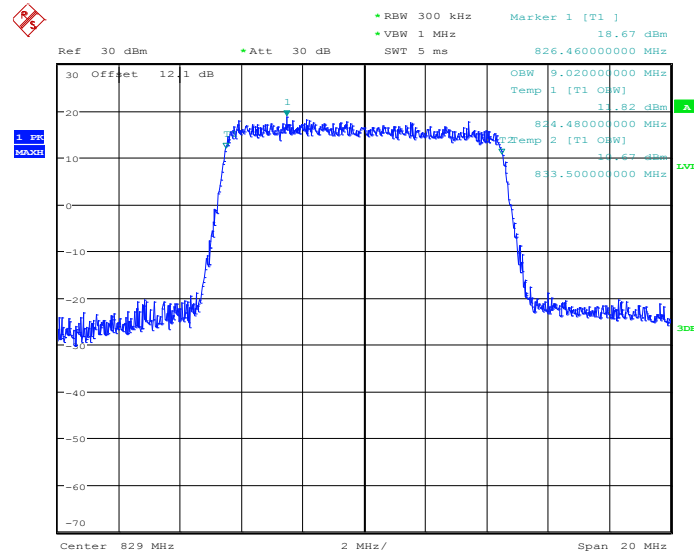


Date: 15.JUN.2014 15:52:29



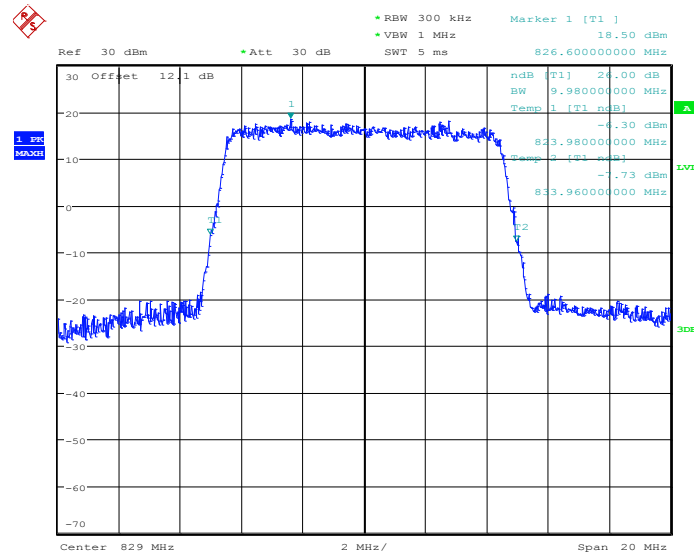
Band :	LTE Band 5	BW / Mod. :	10MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 20450



Date: 15.JUN.2014 15:41:53

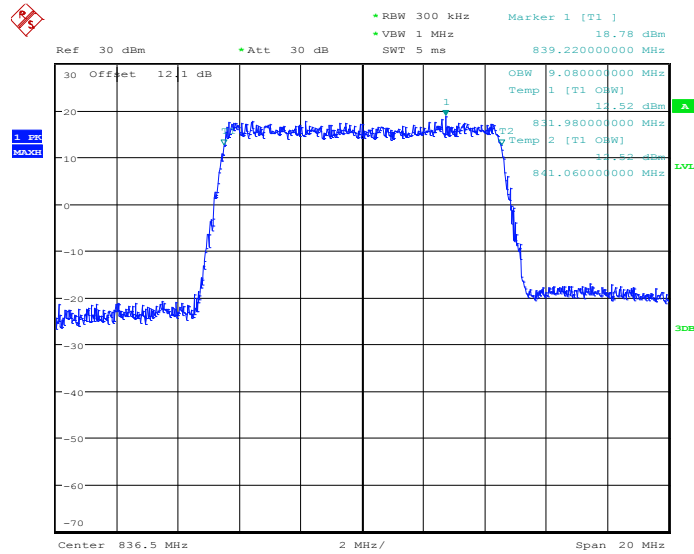
26dB Bandwidth Plot on Channel 20450



Date: 15.JUN.2014 15:42:32

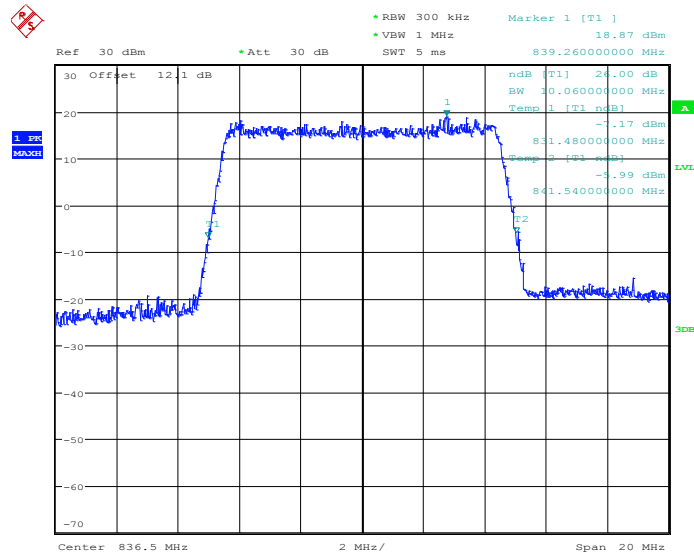


99% Occupied Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 15:48:24

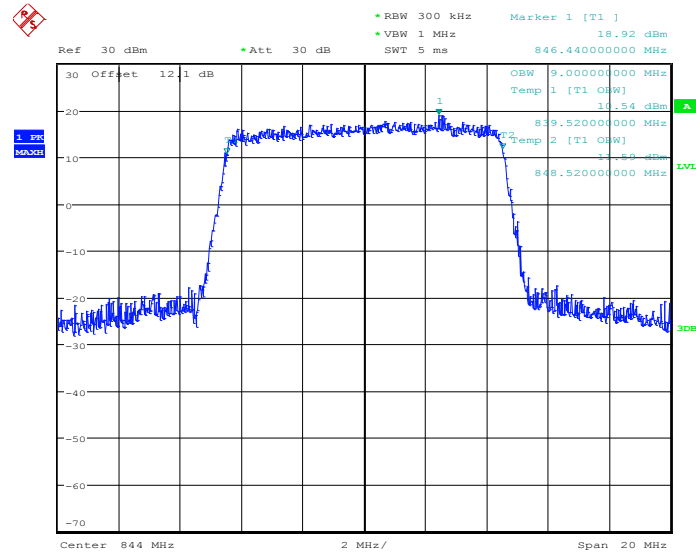
26dB Bandwidth Plot on Channel 20525



Date: 15.JUN.2014 15:49:03

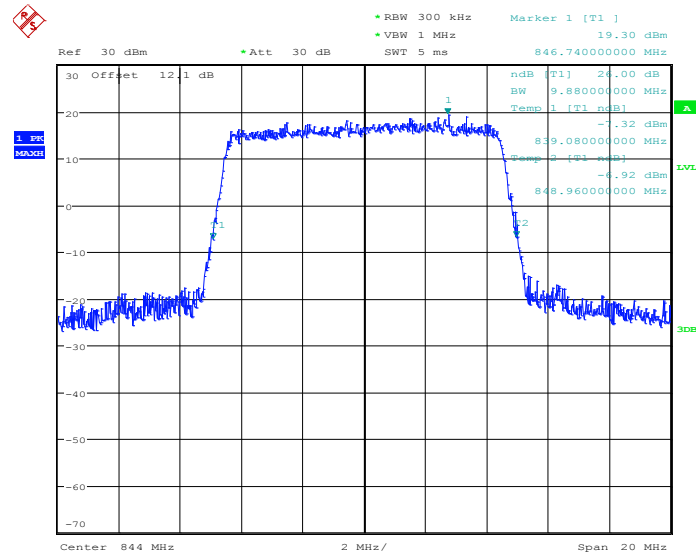


99% Occupied Bandwidth Plot on Channel 20600



Date: 15.JUN.2014 15:52:10

26dB Bandwidth Plot on Channel 20600

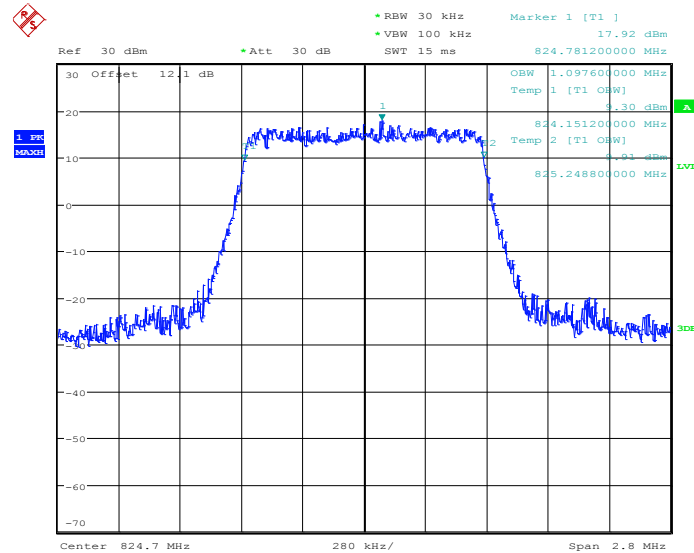


Date: 15.JUN.2014 15:52:48



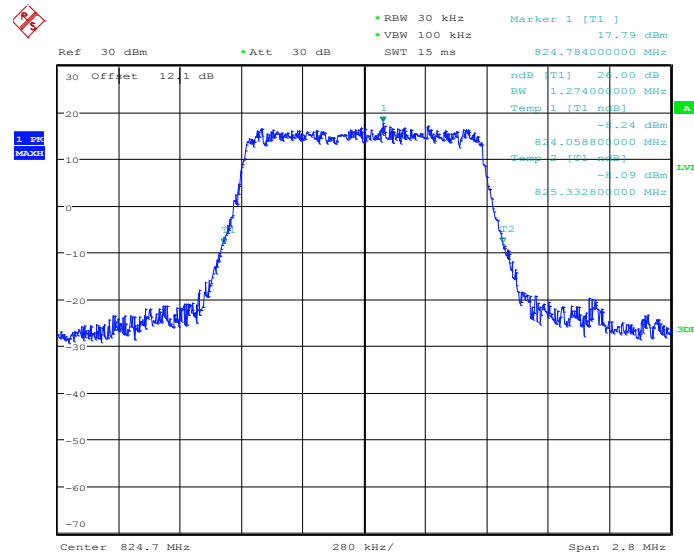
Band :	LTE Band 26	BW / Mod. :	1.4MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 26797



Date: 14.JUL.2014 23:14:02

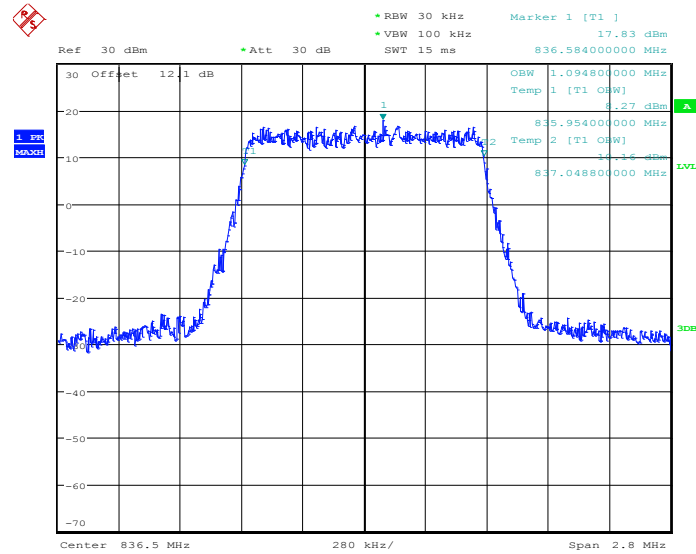
26dB Bandwidth Plot on Channel 26797



Date: 14.JUL.2014 23:14:48

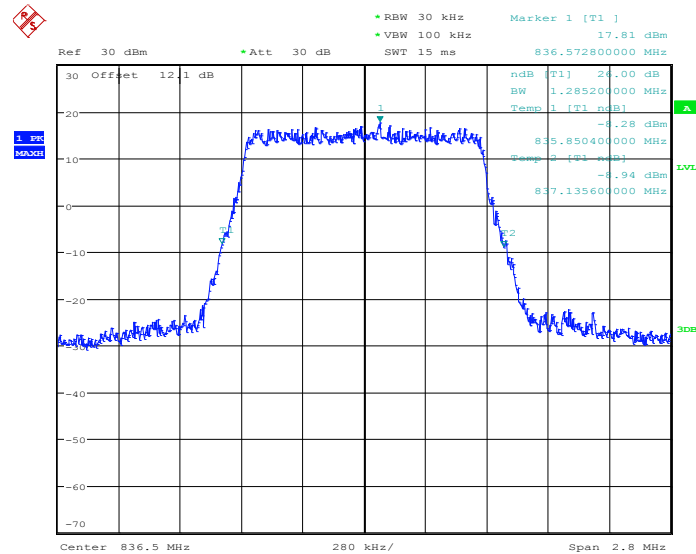


99% Occupied Bandwidth Plot on Channel 26915



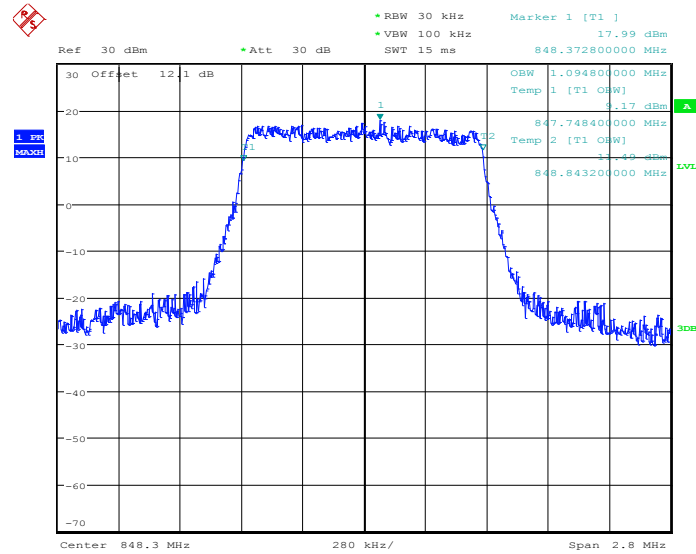
Date: 14.JUL.2014 23:20:01

26dB Bandwidth Plot on Channel 26915



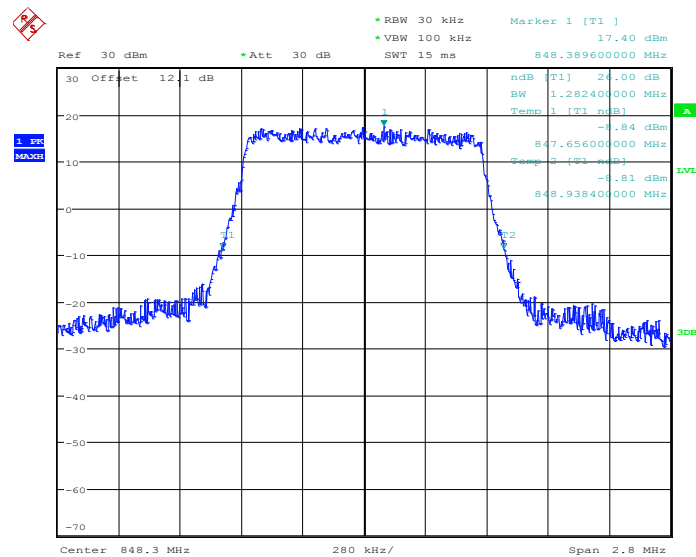
Date: 14.JUL.2014 23:20:31

99% Occupied Bandwidth Plot on Channel 27033



Date: 14.JUL.2014 23:22:59

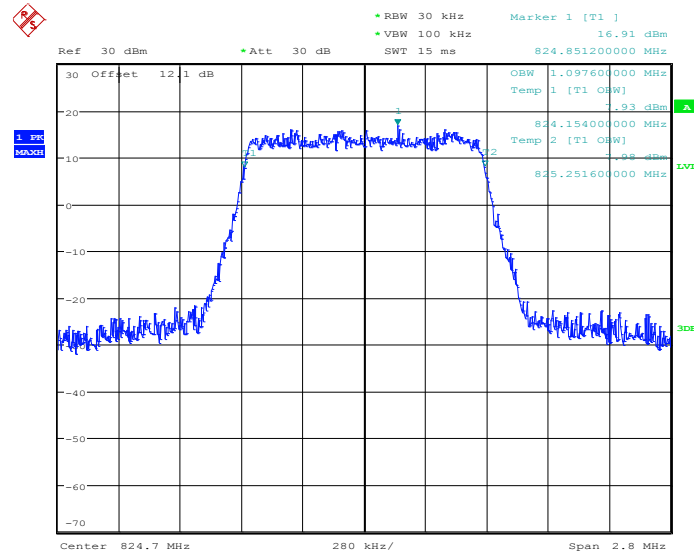
26dB Bandwidth Plot on Channel 27033



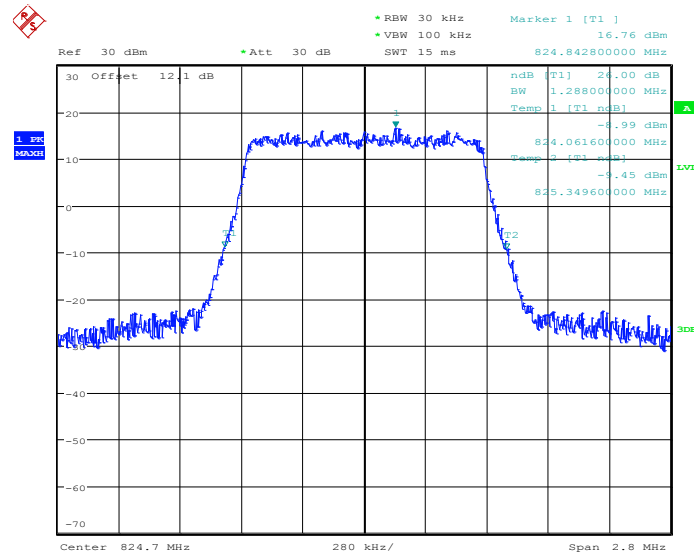
Date: 14.JUL.2014 23:23:29



Band :	LTE Band 26	BW / Mod. :	1.4MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 26797

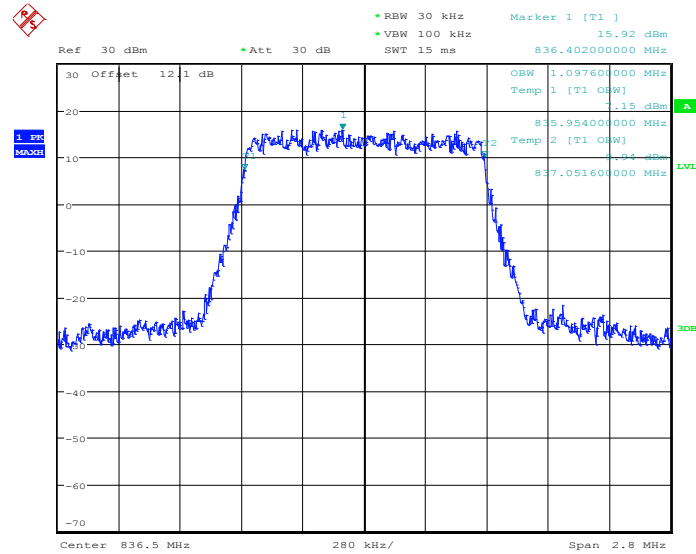
Date: 14.JUL.2014 23:14:16

26dB Bandwidth Plot on Channel 26797

Date: 14.JUL.2014 23:14:32

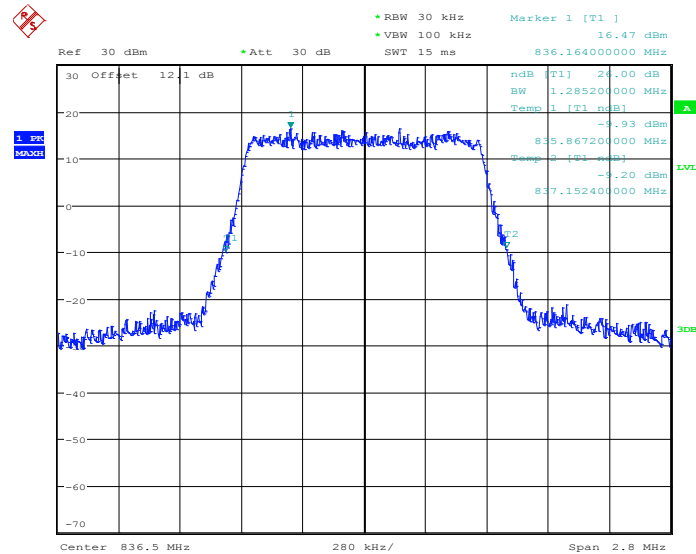


99% Occupied Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:20:15

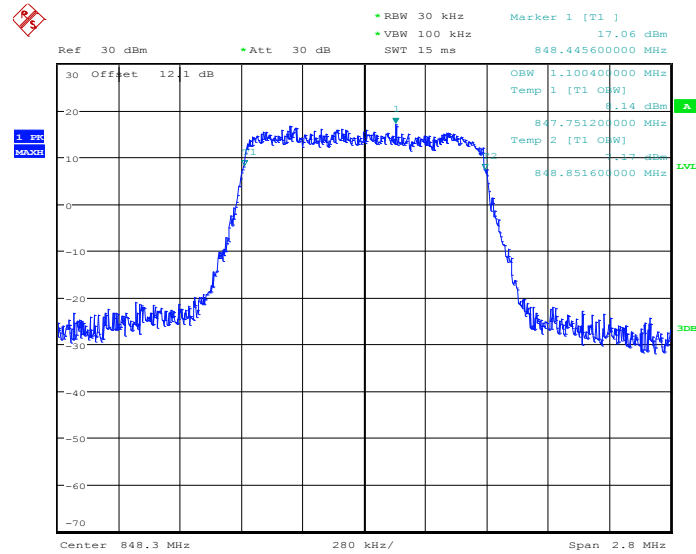
26dB Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:20:47

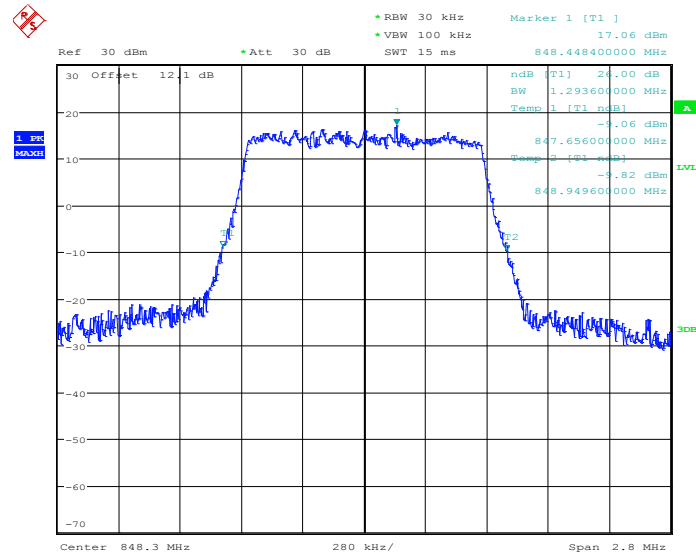


99% Occupied Bandwidth Plot on Channel 27033



Date: 14.JUL.2014 23:23:13

26dB Bandwidth Plot on Channel 27033

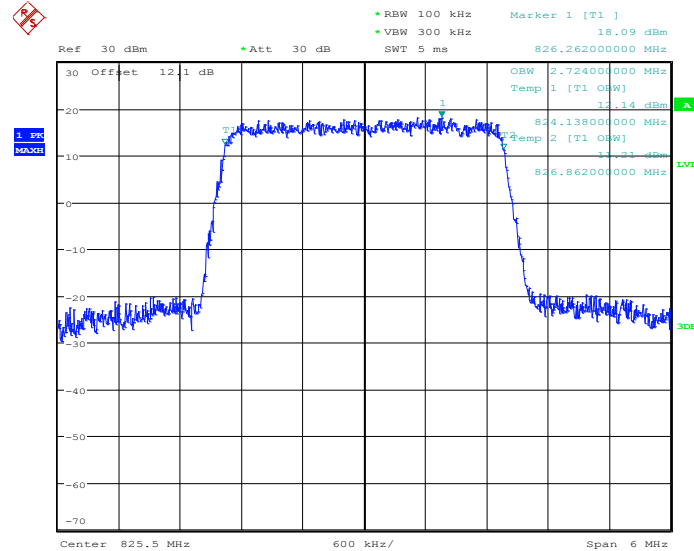


Date: 14.JUL.2014 23:23:45



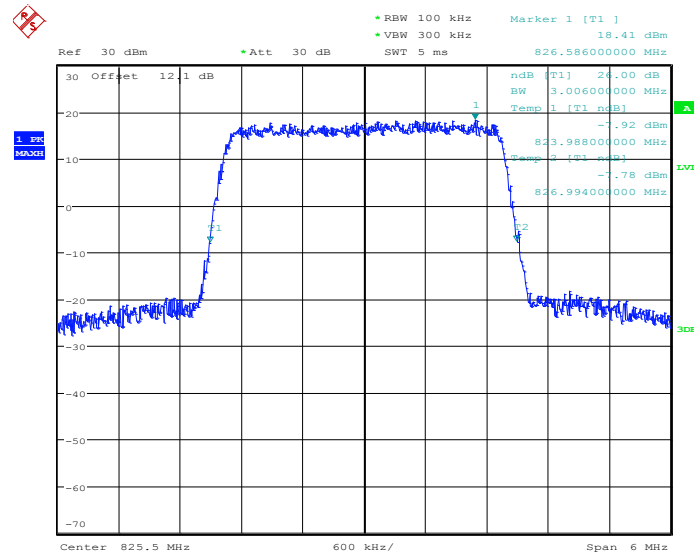
Band :	LTE Band 26	BW / Mod. :	3MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 26805



Date: 14.JUL.2014 23:30:34

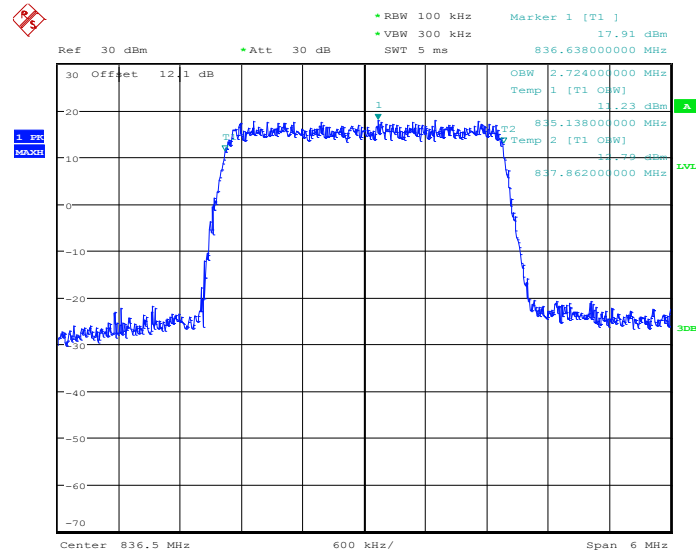
26dB Bandwidth Plot on Channel 26805



Date: 14.JUL.2014 23:31:04

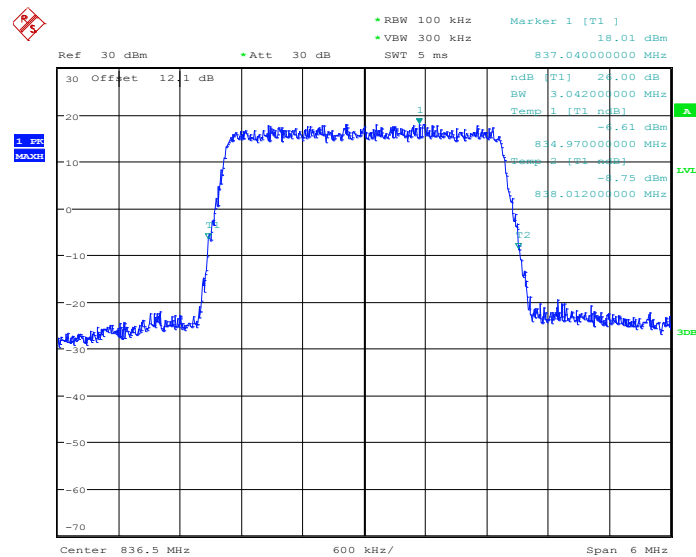


99% Occupied Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:36:33

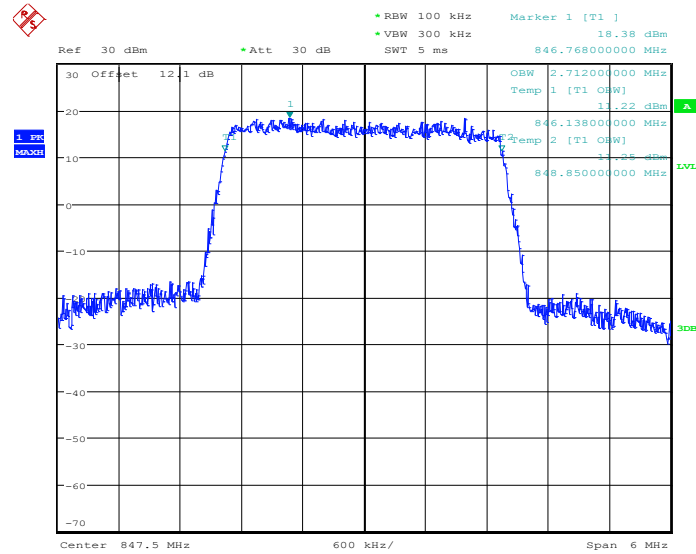
26dB Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:37:03

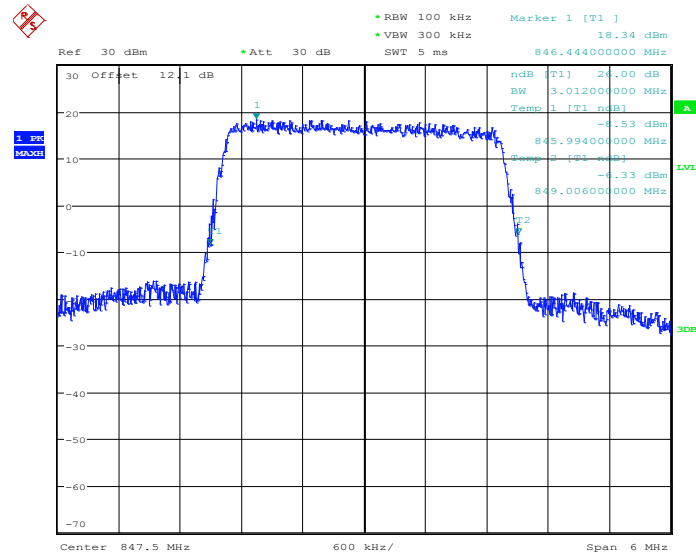


99% Occupied Bandwidth Plot on Channel 27025



Date: 14.JUL.2014 23:39:31

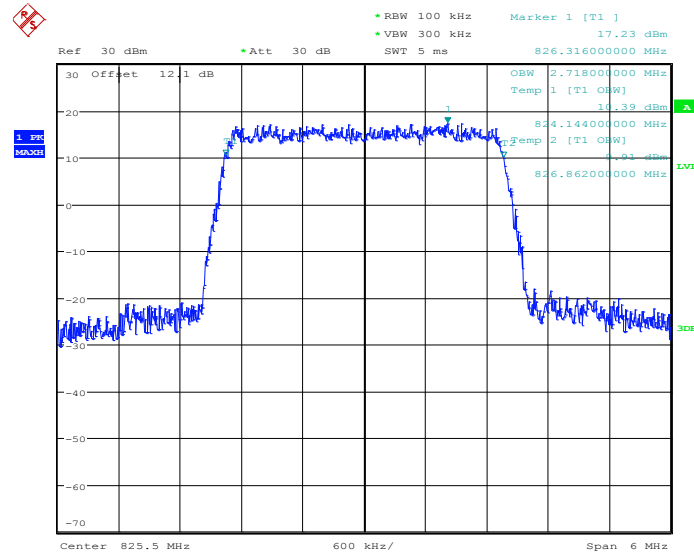
26dB Bandwidth Plot on Channel 27025





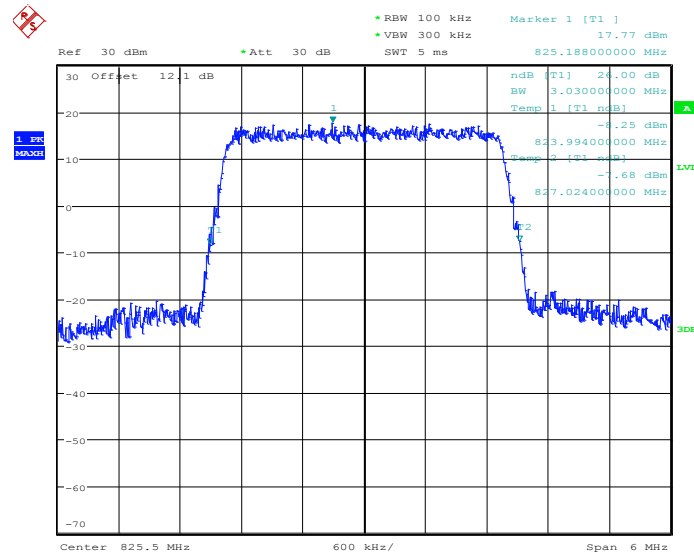
Band :	LTE Band 26	BW / Mod. :	3MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 26805



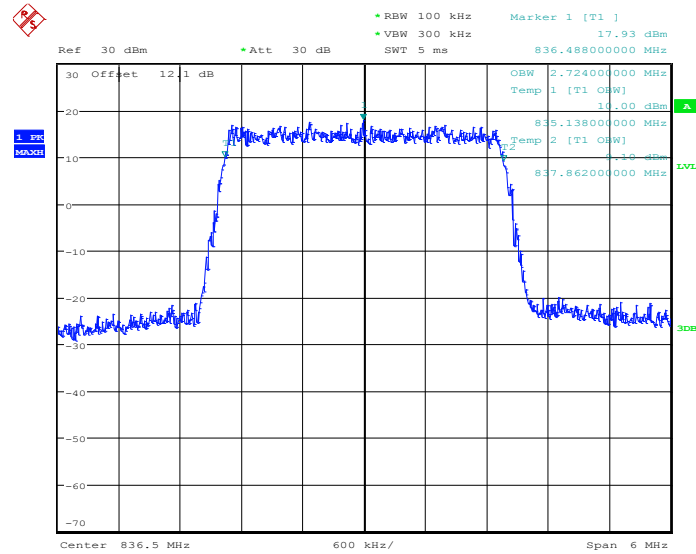
Date: 14.JUL.2014 23:30:48

26dB Bandwidth Plot on Channel 26805



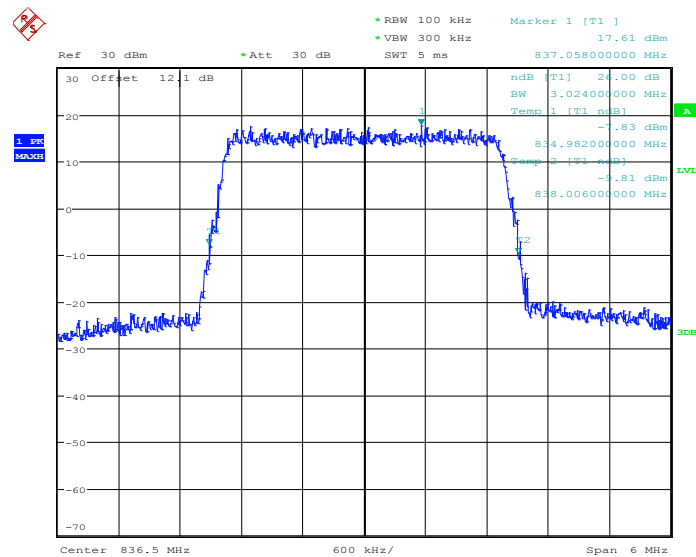
Date: 14.JUL.2014 23:31:20

99% Occupied Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:36:47

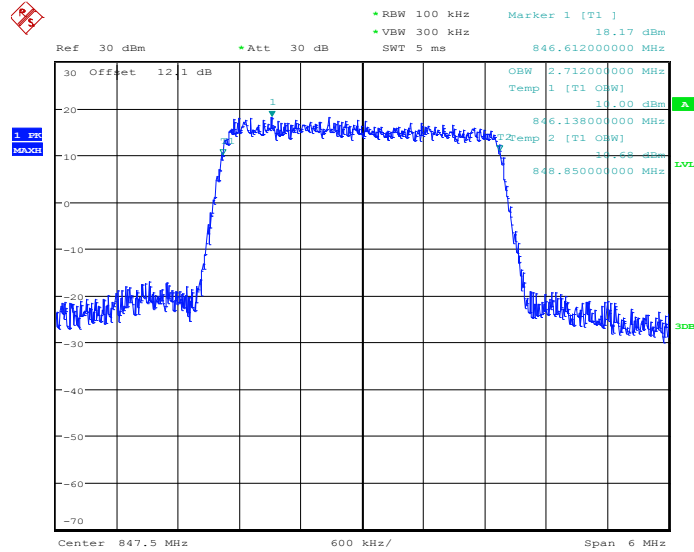
26dB Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:37:19

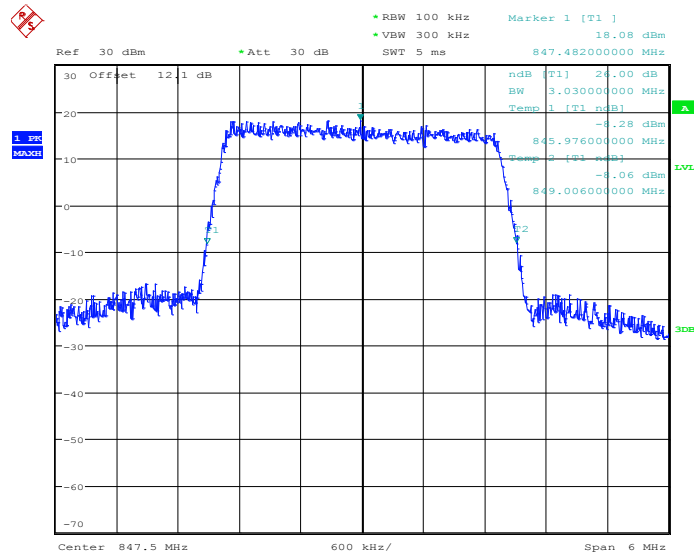


99% Occupied Bandwidth Plot on Channel 27025



Date: 14.JUL.2014 23:39:45

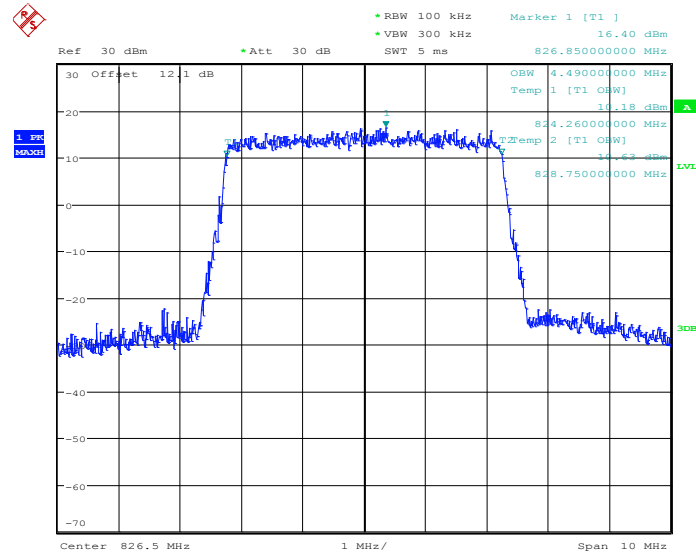
26dB Bandwidth Plot on Channel 27025



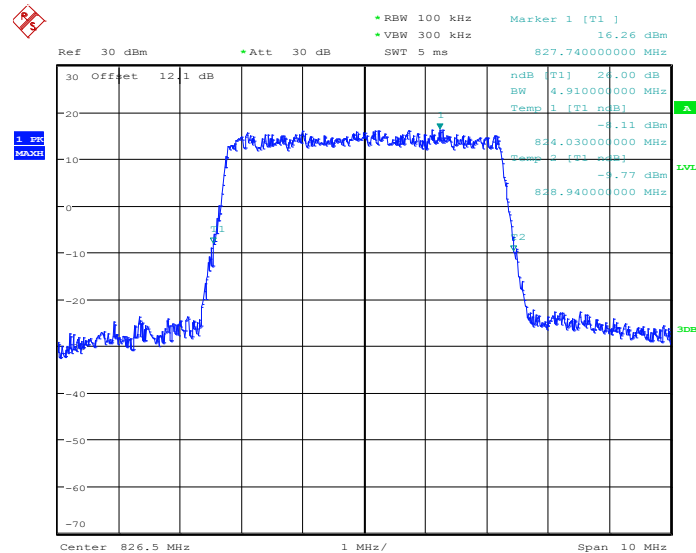
Date: 14.JUL.2014 23:40:17



Band :	LTE Band 26	BW / Mod. :	5MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 26815

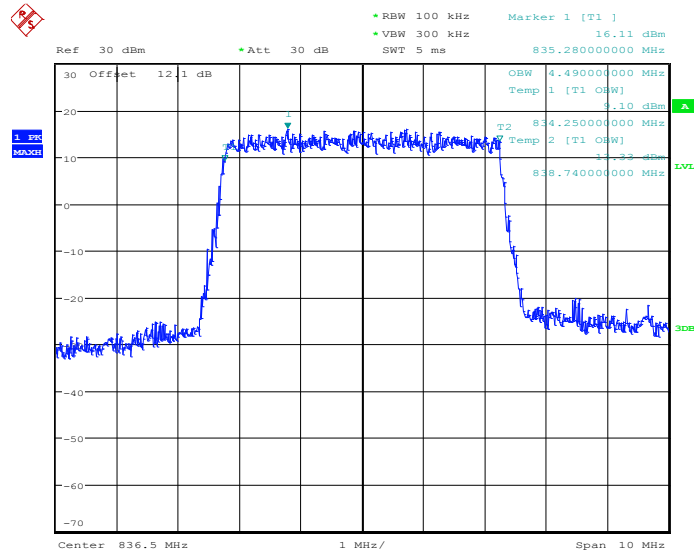
Date: 14.JUL.2014 23:49:37

26dB Bandwidth Plot on Channel 26815

Date: 14.JUL.2014 23:50:07

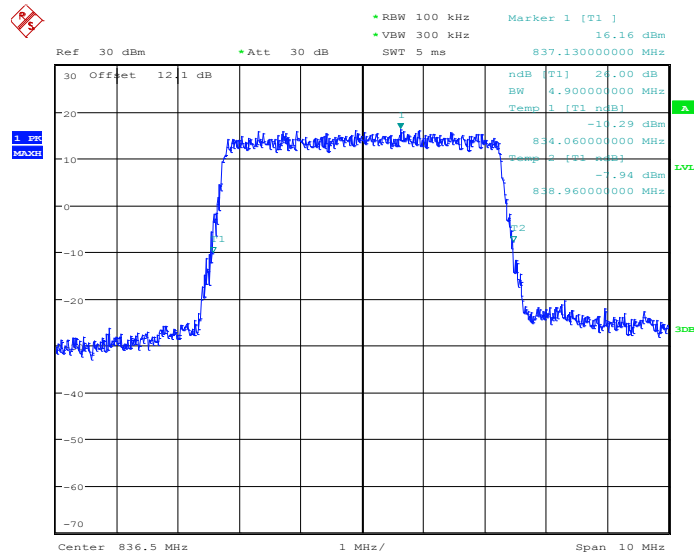


99% Occupied Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:55:37

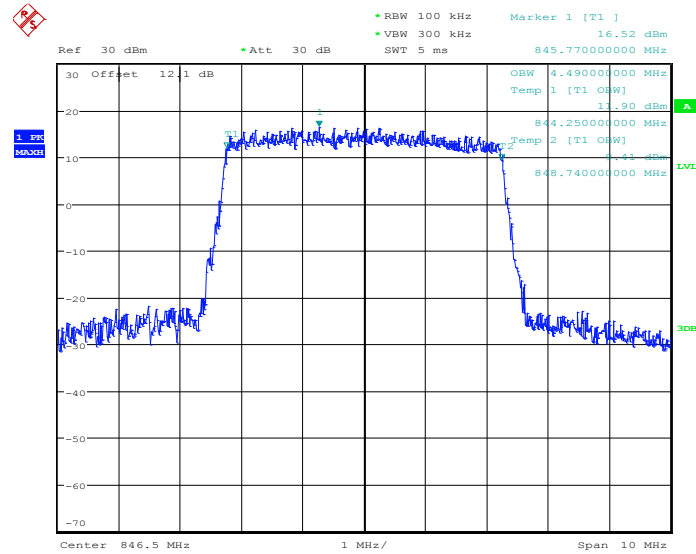
26dB Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:56:08

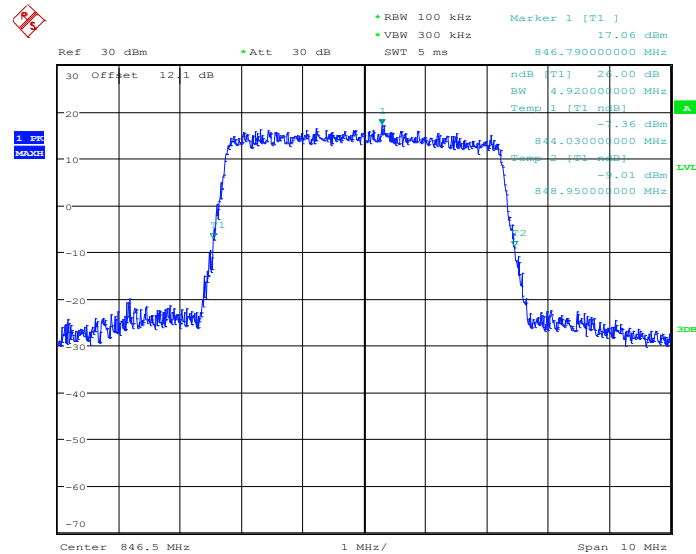


99% Occupied Bandwidth Plot on Channel 27015



Date: 14.JUL.2014 23:58:35

26dB Bandwidth Plot on Channel 27015

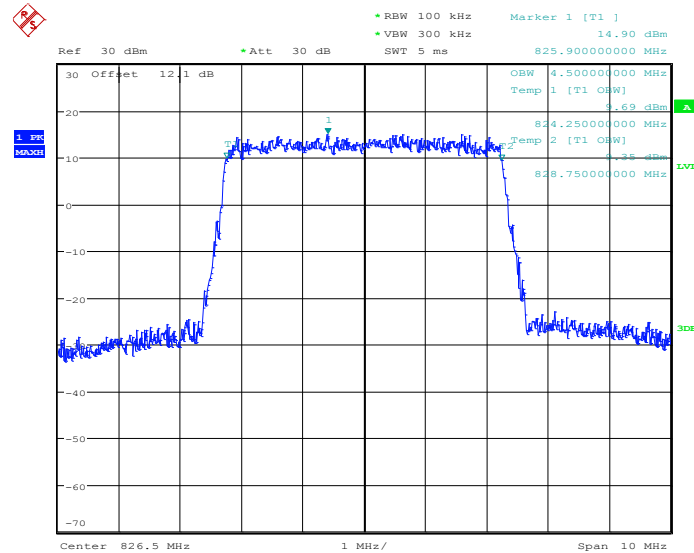


Date: 14.JUL.2014 23:59:05



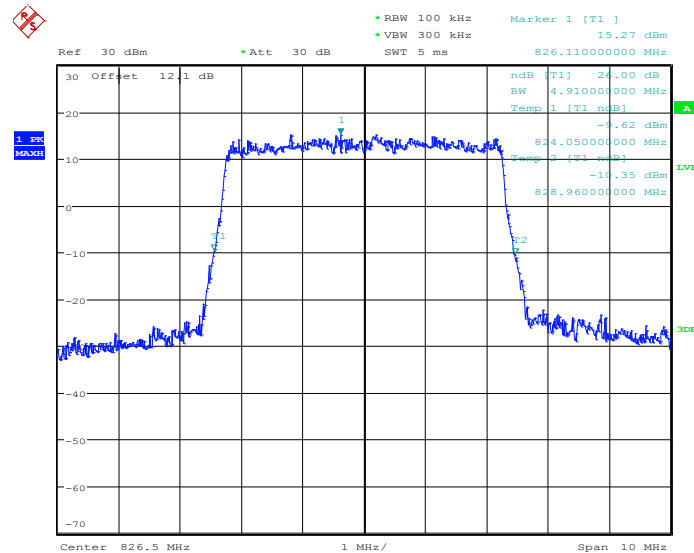
Band :	LTE Band 26	BW / Mod. :	5MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 26815



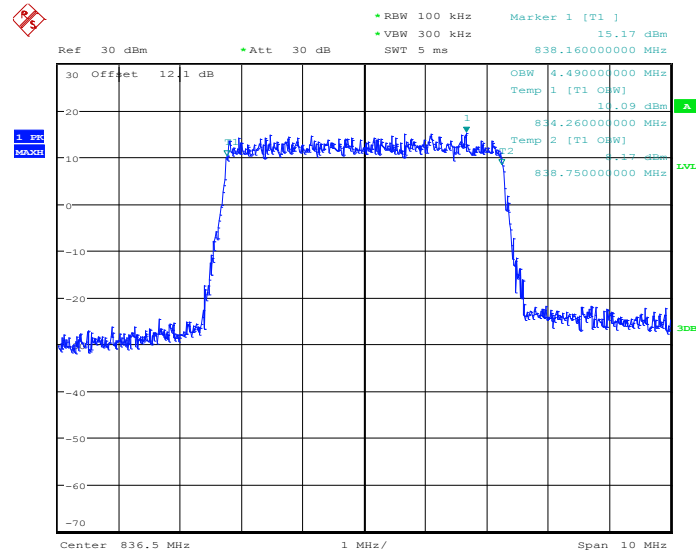
Date: 14.JUL.2014 23:49:51

26dB Bandwidth Plot on Channel 26815



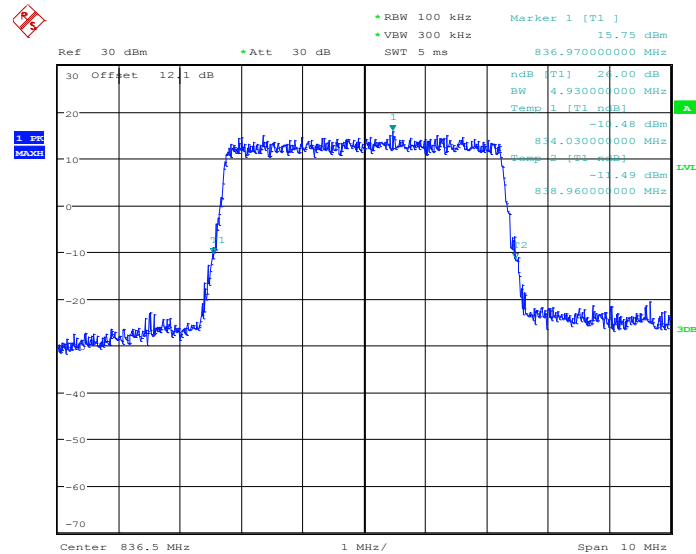
Date: 14.JUL.2014 23:50:23

99% Occupied Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:55:51

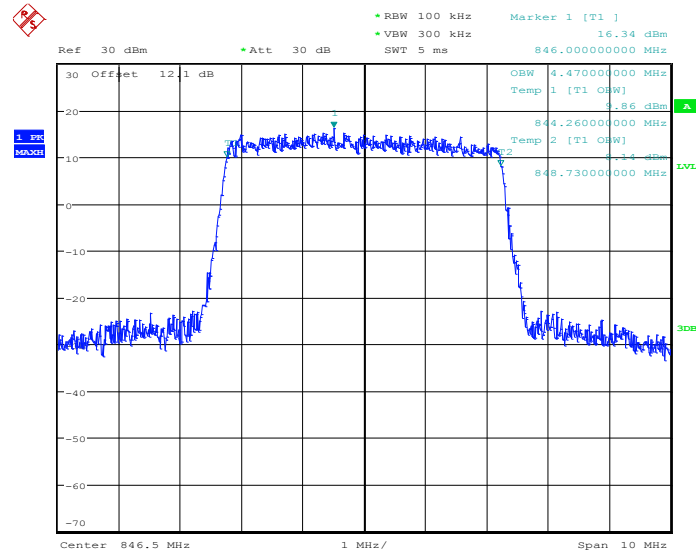
26dB Bandwidth Plot on Channel 26915



Date: 14.JUL.2014 23:56:24

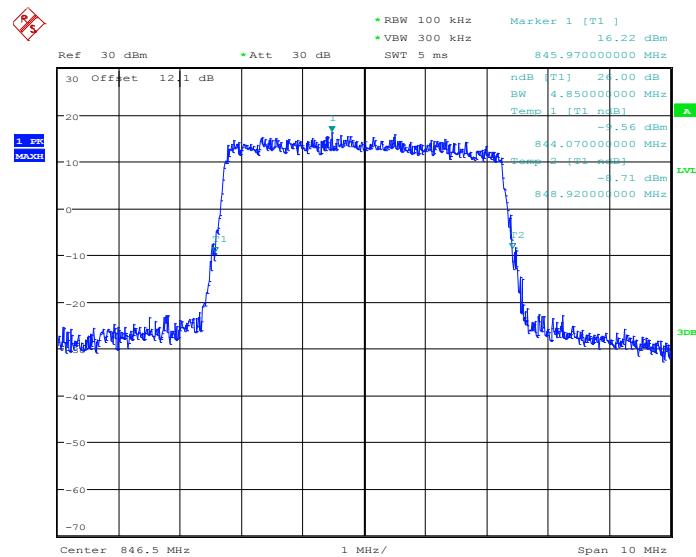


99% Occupied Bandwidth Plot on Channel 27015



Date: 14.JUL.2014 23:58:49

26dB Bandwidth Plot on Channel 27015

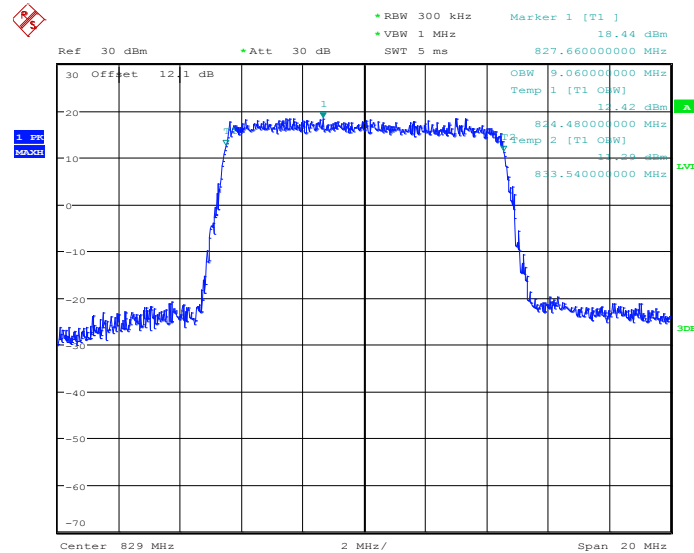


Date: 14.JUL.2014 23:59:22



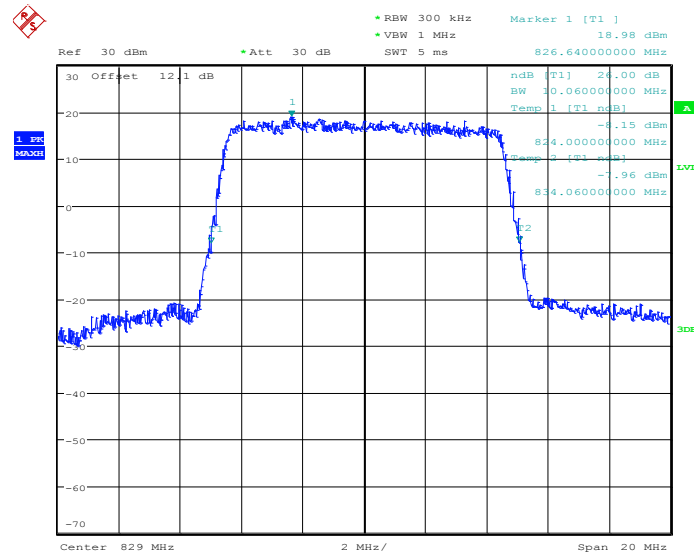
Band :	LTE Band 26	BW / Mod. :	10MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 26840



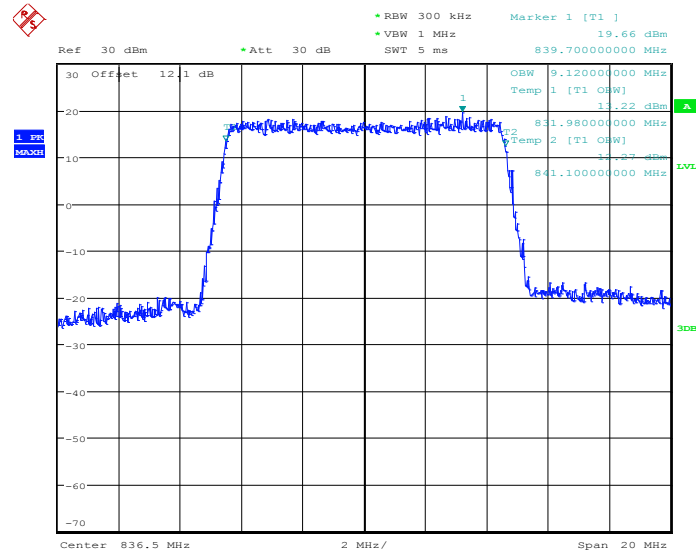
Date: 15.JUL.2014 00:09:12

26dB Bandwidth Plot on Channel 26840



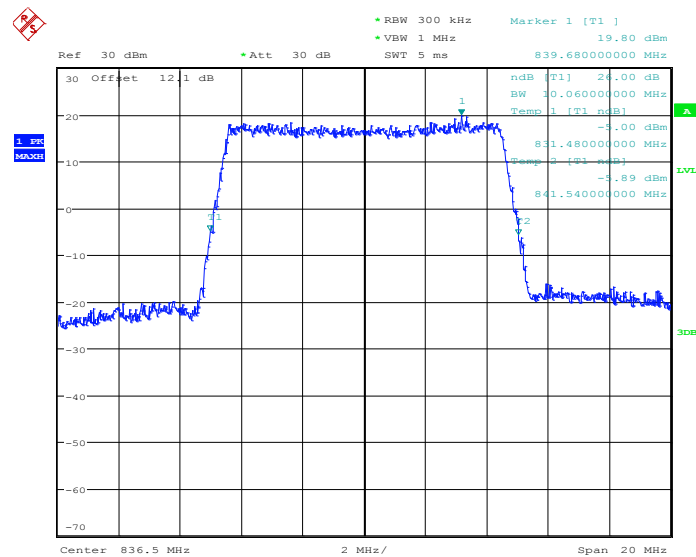
Date: 15.JUL.2014 00:09:43

99% Occupied Bandwidth Plot on Channel 26915



Date: 15.JUL.2014 00:18:05

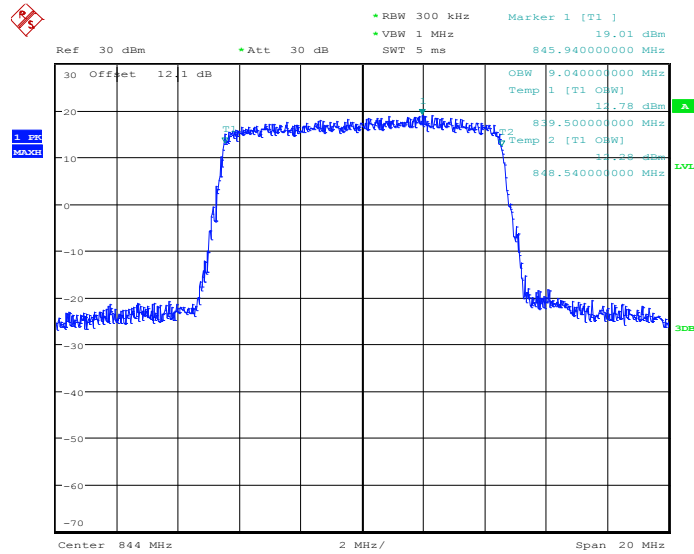
26dB Bandwidth Plot on Channel 26915



Date: 15.JUL.2014 00:18:38

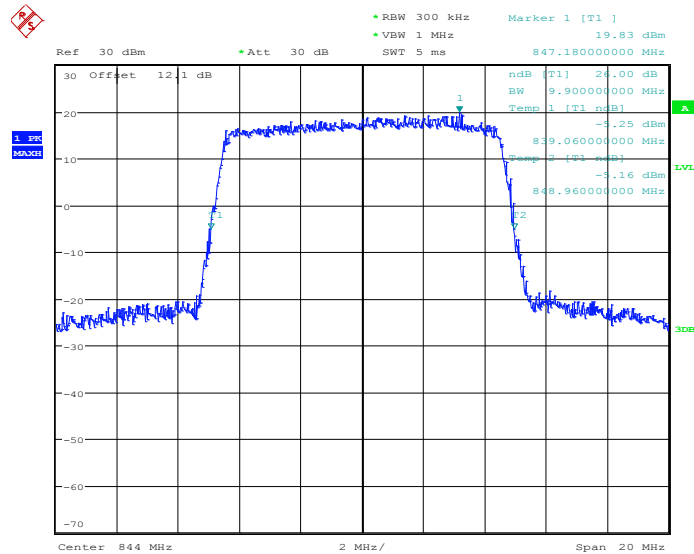


99% Occupied Bandwidth Plot on Channel 26990



Date: 15.JUL.2014 00:21:15

26dB Bandwidth Plot on Channel 26990

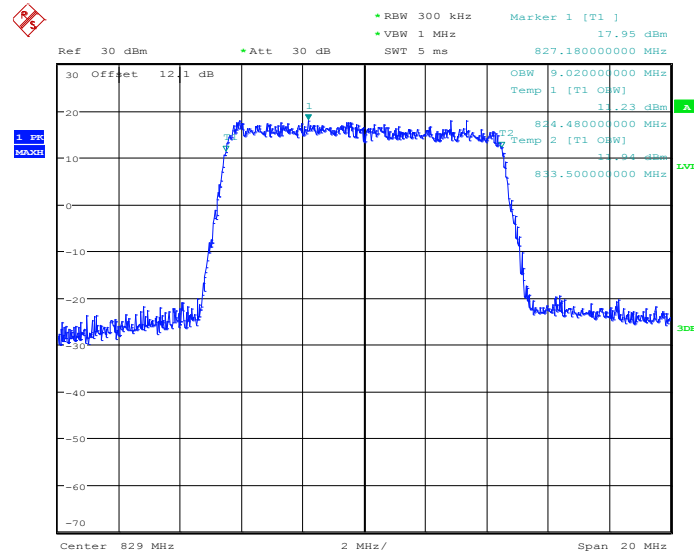


Date: 15.JUL.2014 00:21:50



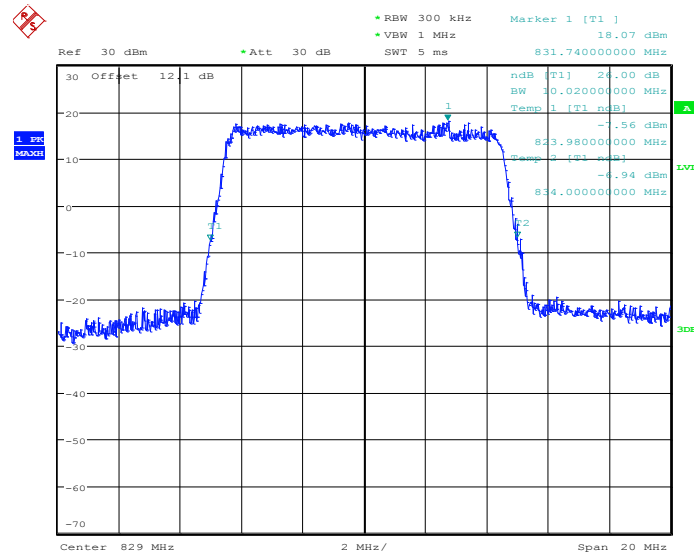
Band :	LTE Band 26	BW / Mod. :	10MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 26840



Date: 15.JUL.2014 00:09:26

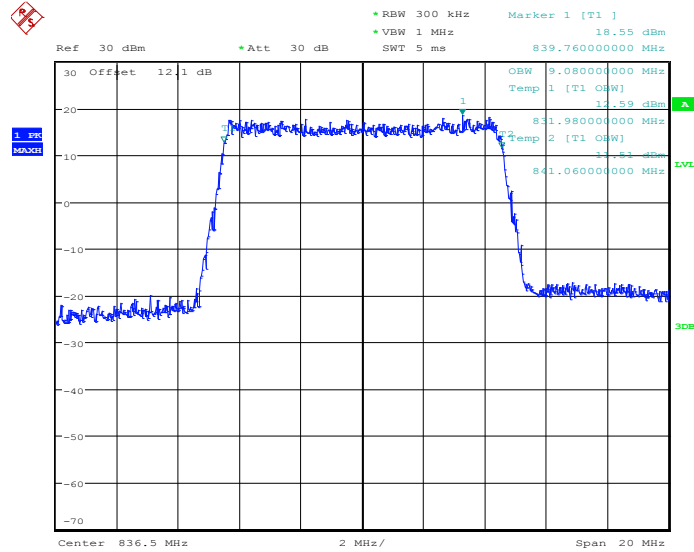
26dB Bandwidth Plot on Channel 26840



Date: 15.JUL.2014 00:10:00

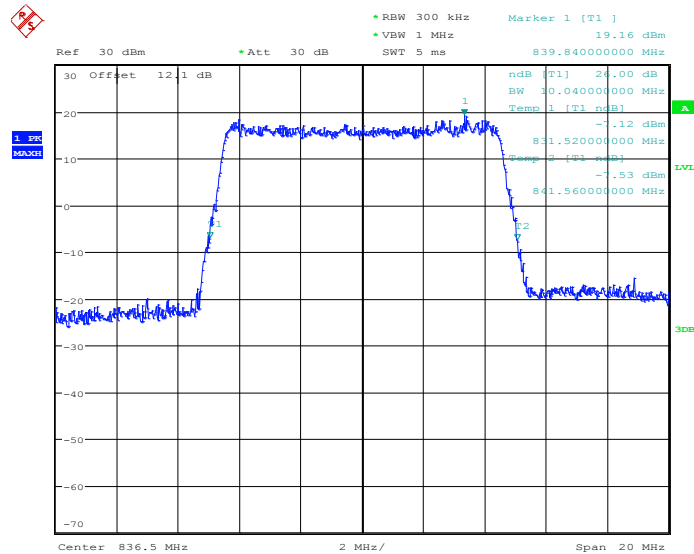


99% Occupied Bandwidth Plot on Channel 26915



Date: 15.JUL.2014 00:18:20

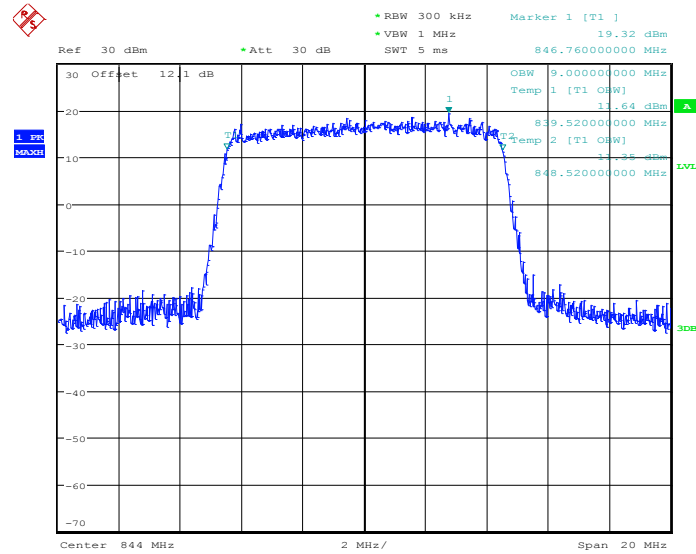
26dB Bandwidth Plot on Channel 26915



Date: 15.JUL.2014 00:18:56

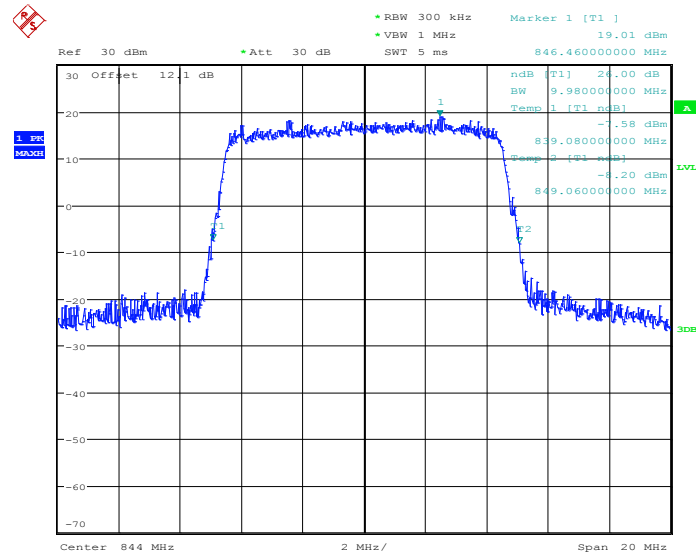


99% Occupied Bandwidth Plot on Channel 26990



Date: 15.JUL.2014 00:21:31

26dB Bandwidth Plot on Channel 26990

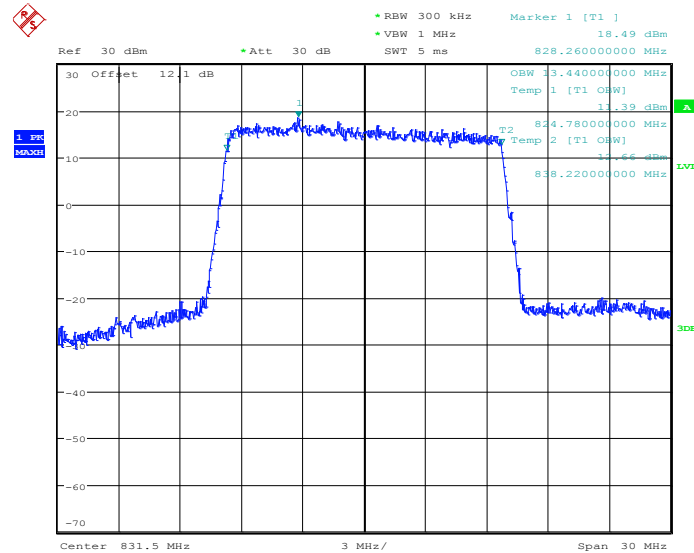


Date: 15.JUL.2014 00:22:09



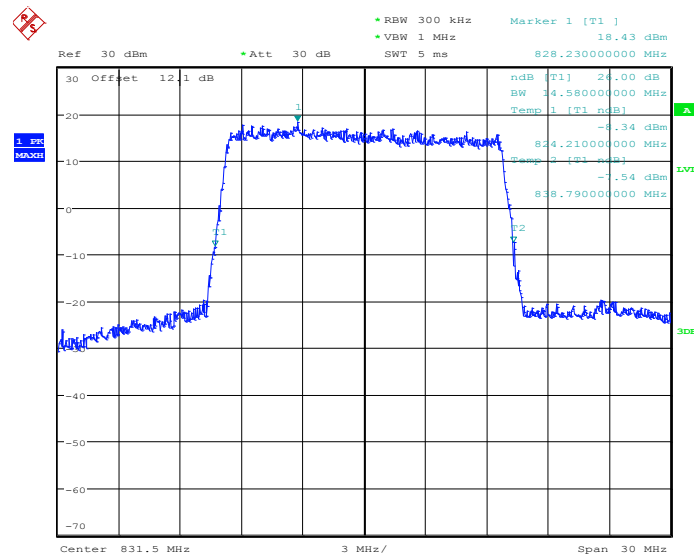
Band :	LTE Band 26	BW / Mod. :	15MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 26865



Date: 15.JUL.2014 01:12:45

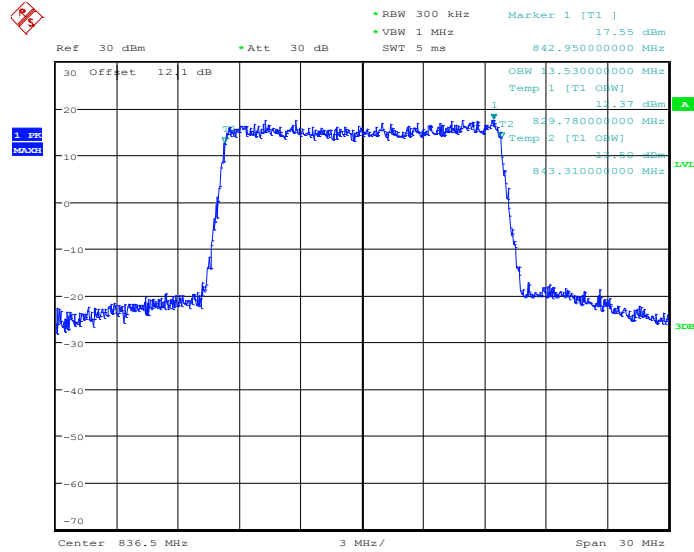
26dB Bandwidth Plot on Channel 26865



Date: 15.JUL.2014 01:18:42

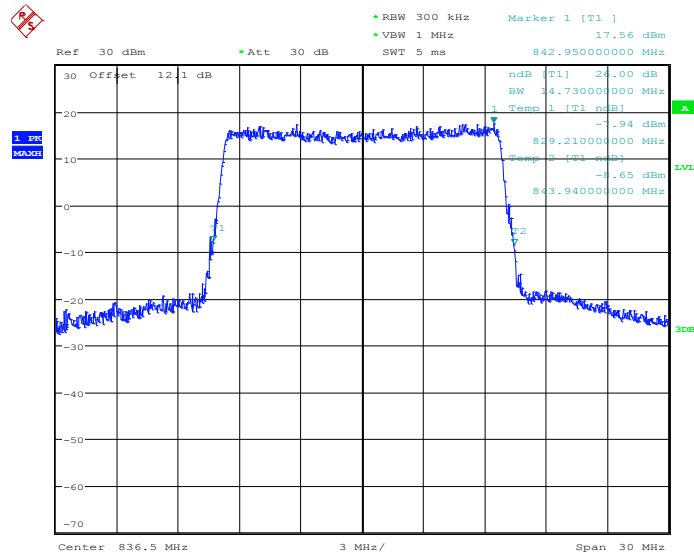


99% Occupied Bandwidth Plot on Channel 26915



Date: 15.JUL.2014 01:13:39

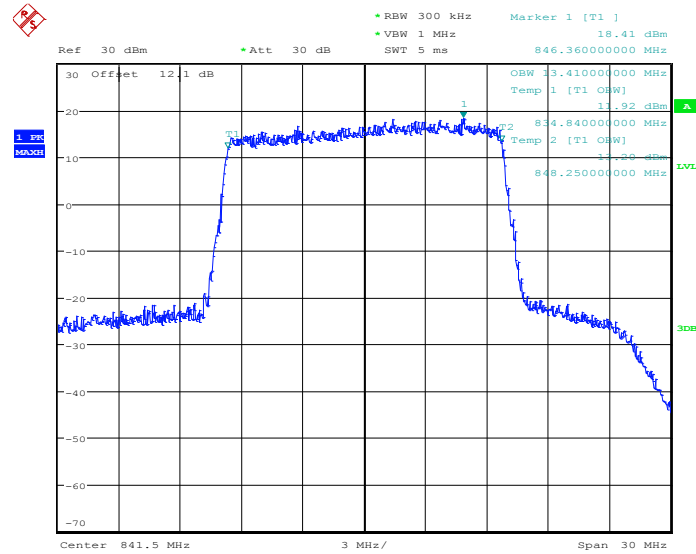
26dB Bandwidth Plot on Channel 26915



Date: 15.JUL.2014 01:18:57

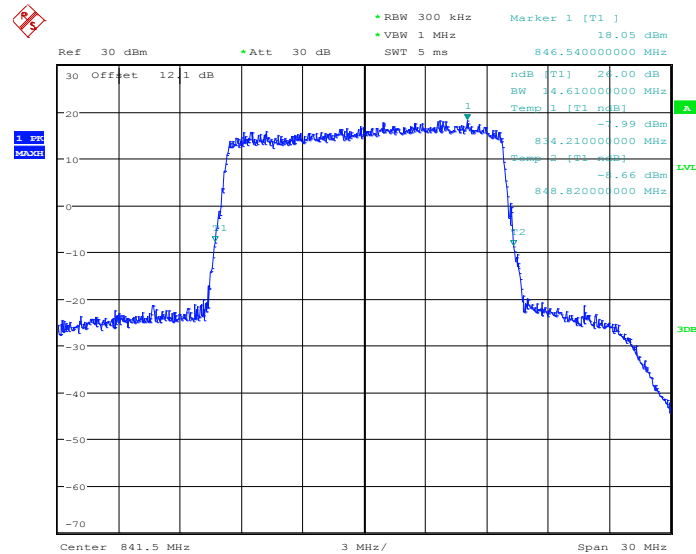


99% Occupied Bandwidth Plot on Channel 26965



Date: 15.JUL.2014 01:14:30

26dB Bandwidth Plot on Channel 26965

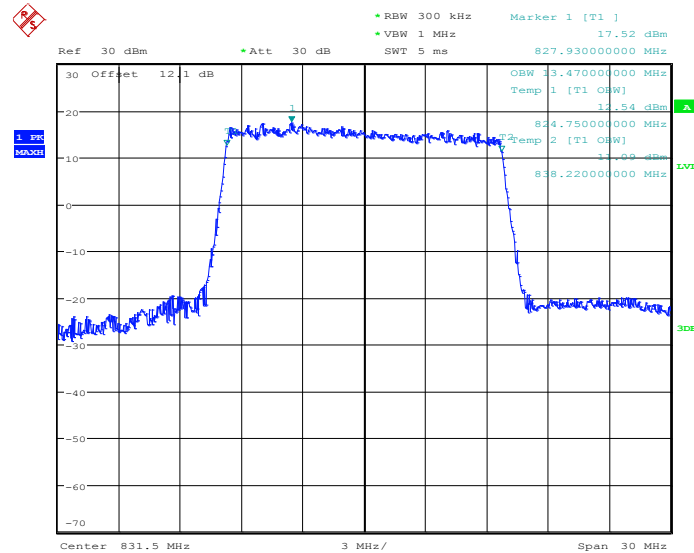


Date: 15.JUL.2014 01:19:40



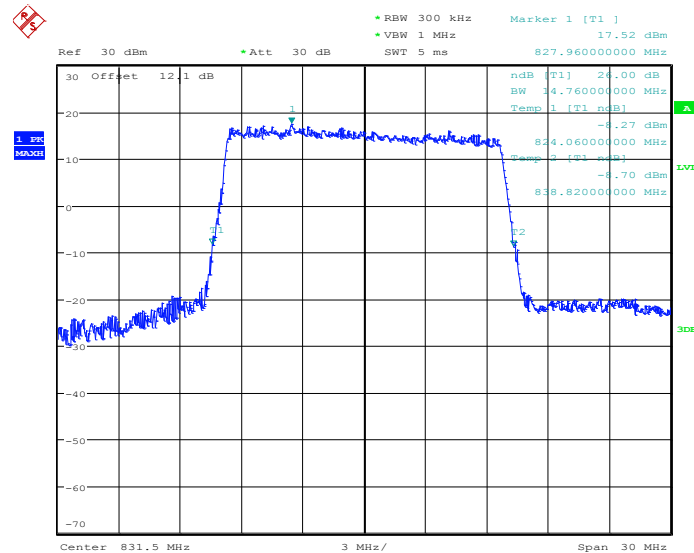
Band :	LTE Band 26	BW / Mod. :	15MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 26865



Date: 15.JUL.2014 01:12:36

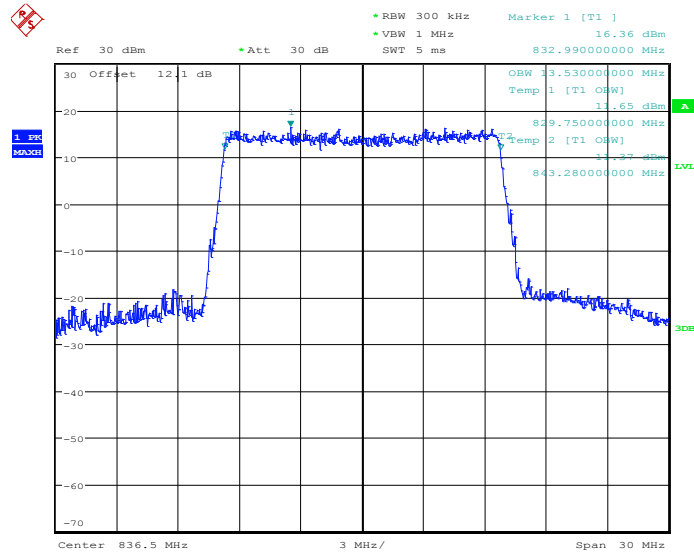
26dB Bandwidth Plot on Channel 26865



Date: 15.JUL.2014 01:18:32

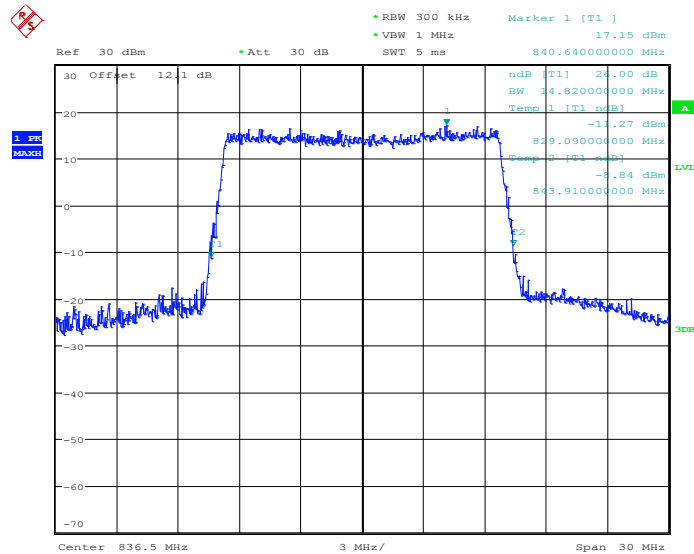


99% Occupied Bandwidth Plot on Channel 26915



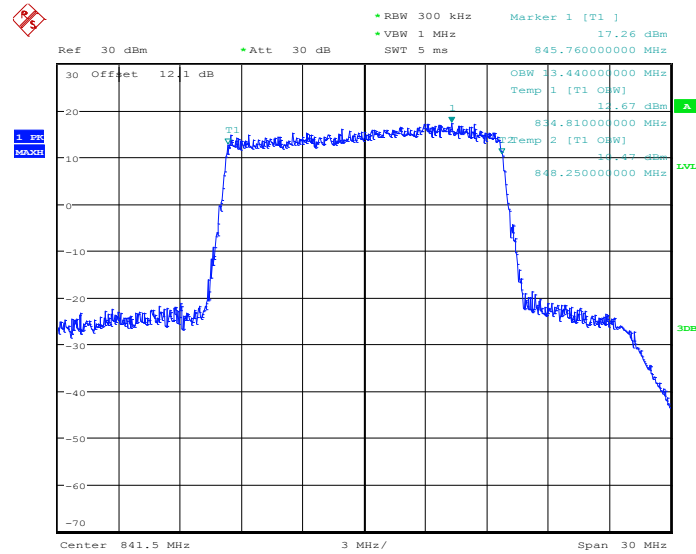
Date: 15.JUL.2014 01:13:48

26dB Bandwidth Plot on Channel 26915



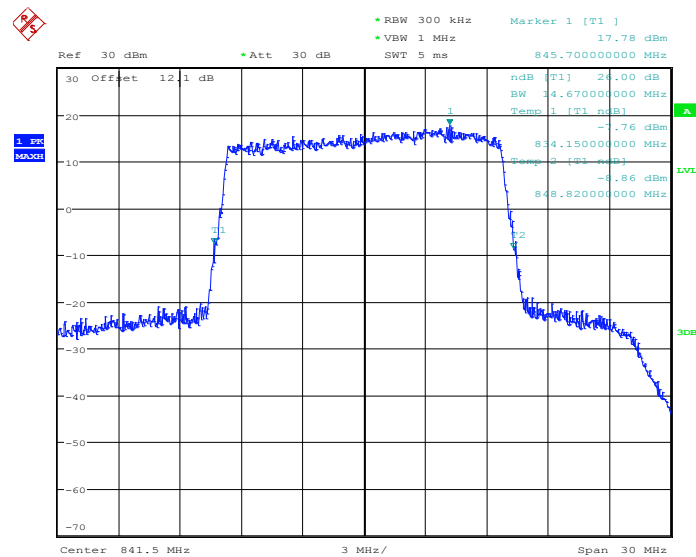
Date: 15.JUL.2014 01:19:08

99% Occupied Bandwidth Plot on Channel 26965



Date: 15.JUL.2014 01:14:20

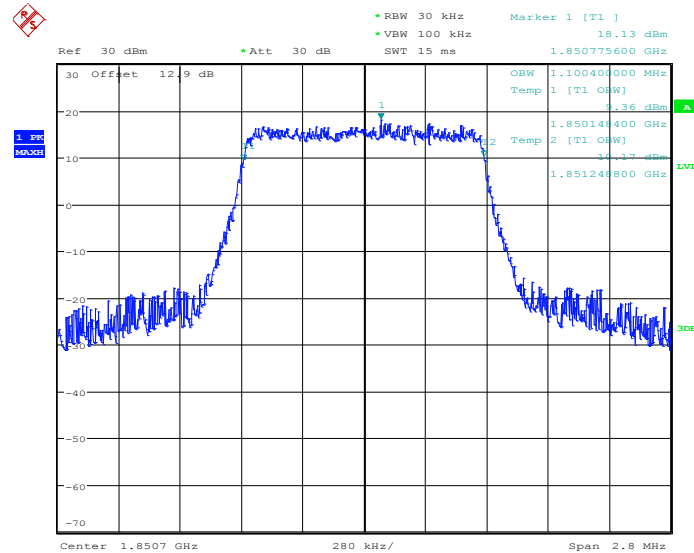
26dB Bandwidth Plot on Channel 26965



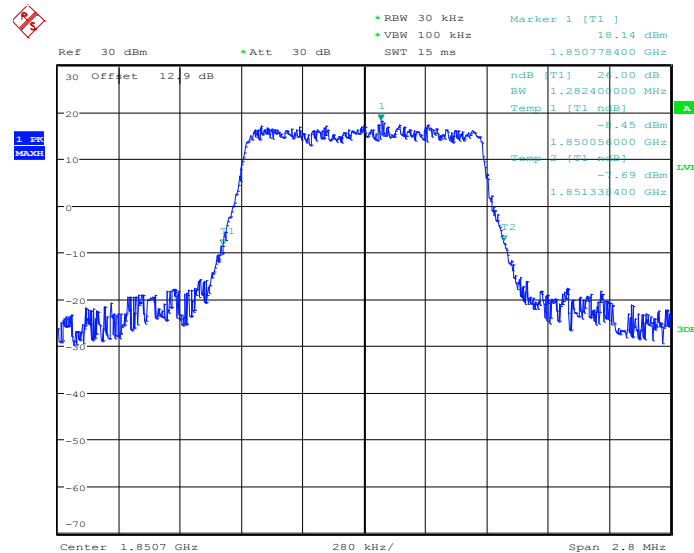
Date: 15.JUL.2014 01:19:31



Band :	LTE Band 2	BW / Mod. :	1.4MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 18607

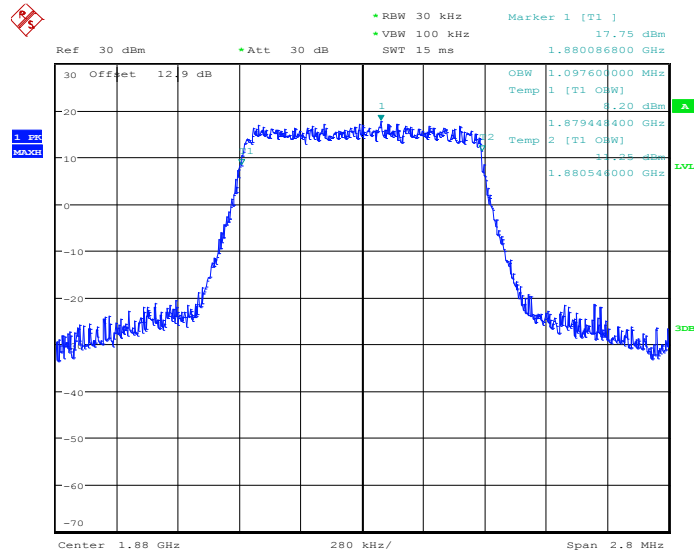
Date: 18.JUN.2014 23:12:19

26dB Bandwidth Plot on Channel 18607

Date: 18.JUN.2014 23:12:56

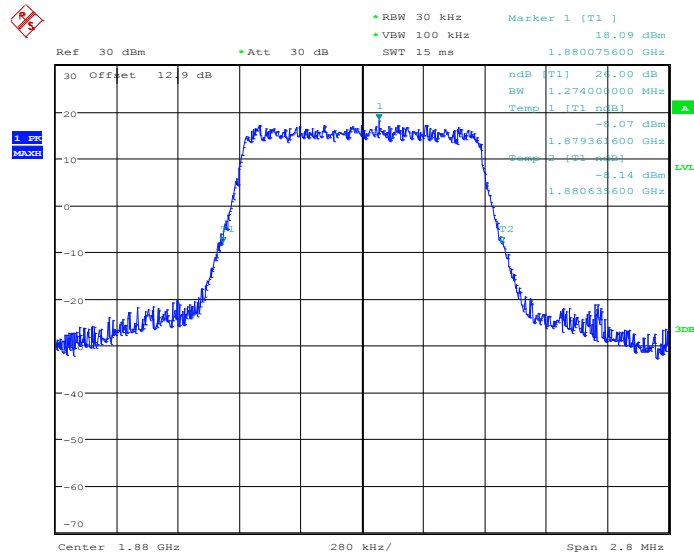


99% Occupied Bandwidth Plot on Channel 18900



Date: 18.JUN.2014 23:18:57

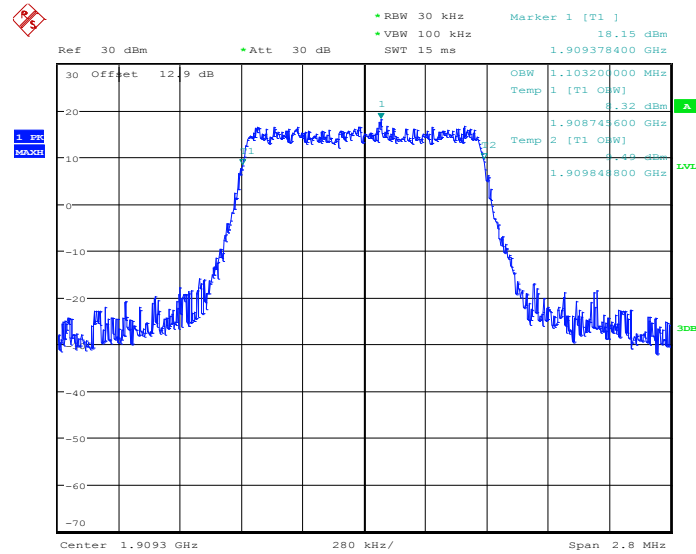
26dB Bandwidth Plot on Channel 18900



Date: 18.JUN.2014 23:19:34

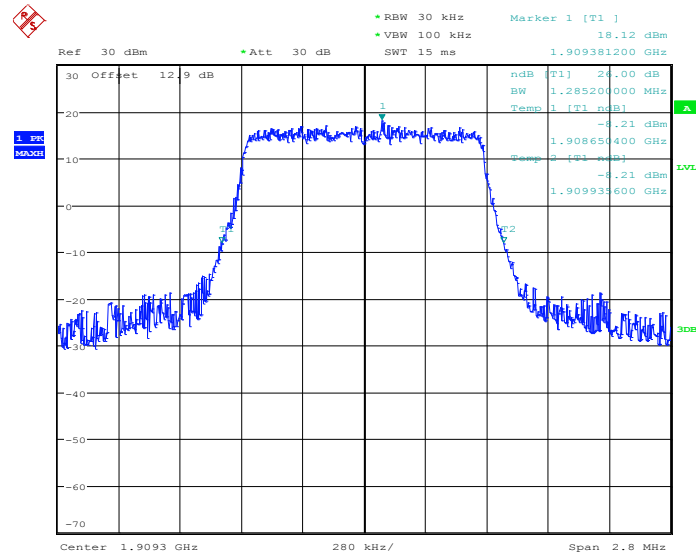


99% Occupied Bandwidth Plot on Channel 19193



Date: 18.JUN.2014 23:22:16

26dB Bandwidth Plot on Channel 19193

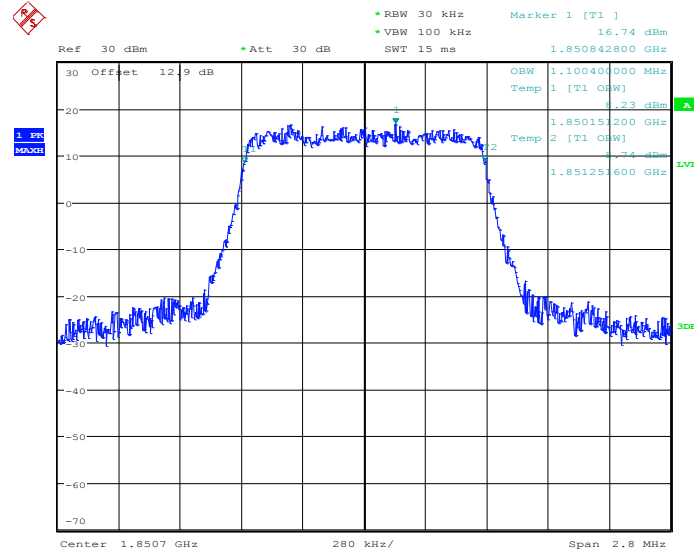


Date: 18.JUN.2014 23:22:54



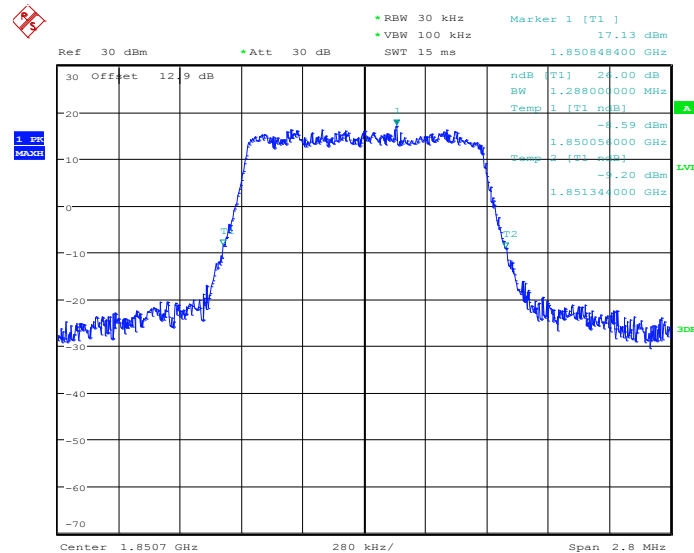
Band :	LTE Band 2	BW / Mod. :	1.4MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 18607



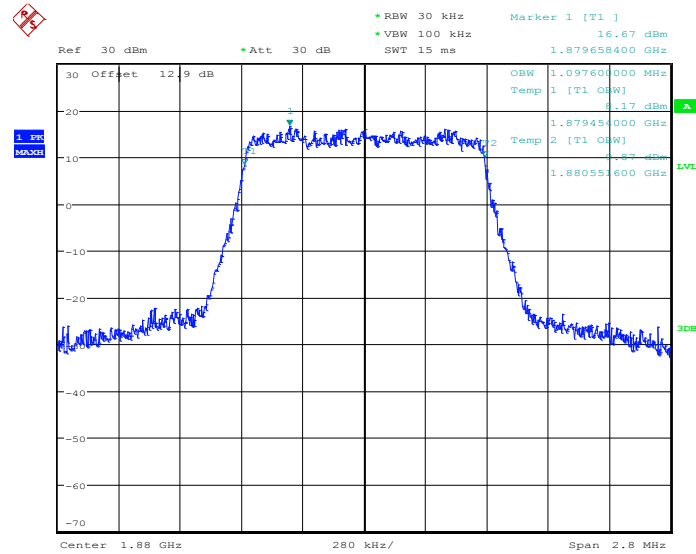
Date: 18.JUN.2014 23:12:37

26dB Bandwidth Plot on Channel 18607



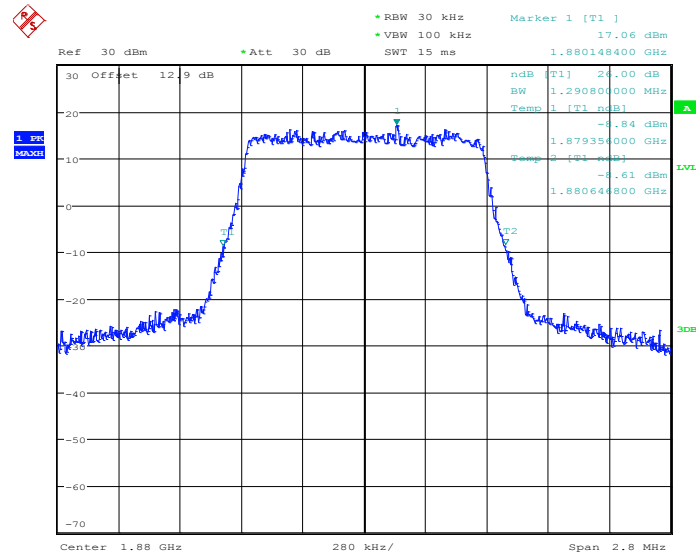
Date: 18.JUN.2014 23:13:16

99% Occupied Bandwidth Plot on Channel 18900



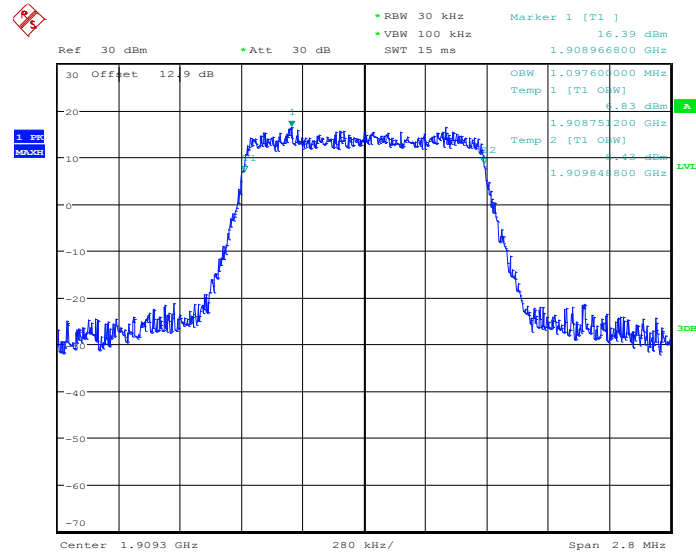
Date: 18.JUN.2014 23:19:15

26dB Bandwidth Plot on Channel 18900



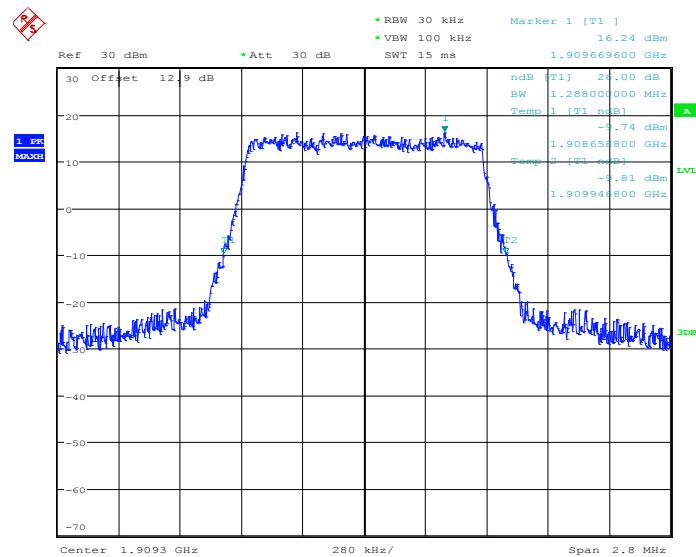
Date: 18.JUN.2014 23:19:54

99% Occupied Bandwidth Plot on Channel 19193



Date: 18.JUN.2014 23:22:34

26dB Bandwidth Plot on Channel 19193

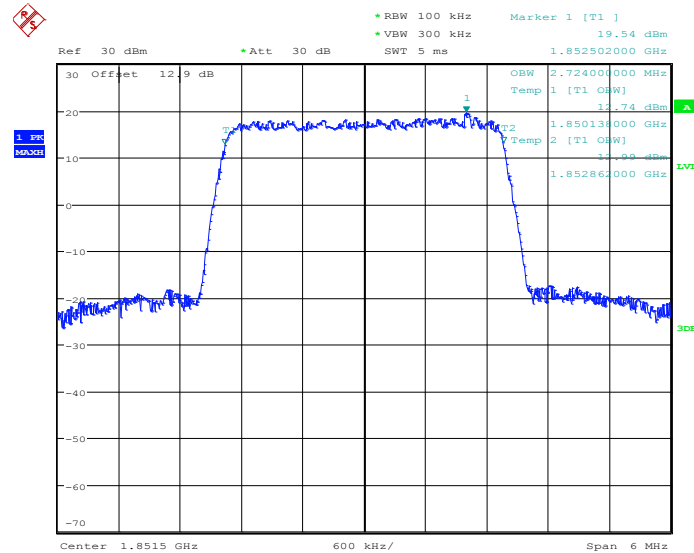


Date: 18.JUN.2014 23:23:14



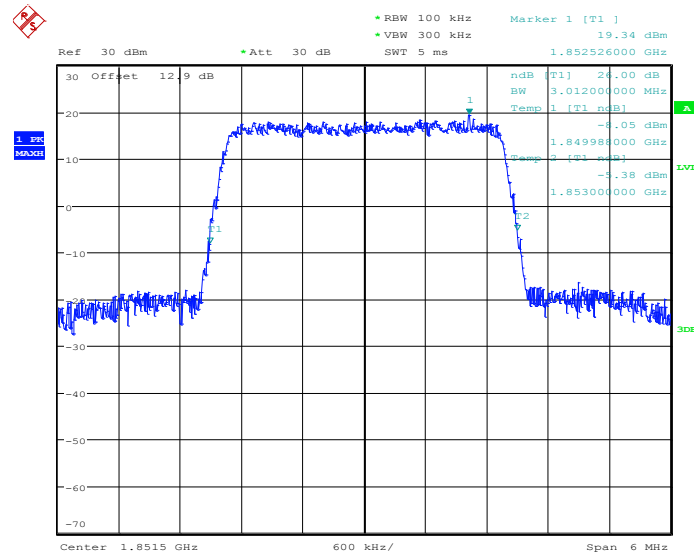
Band :	LTE Band 2	BW / Mod. :	3MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 18615



Date: 19.JUN.2014 01:15:53

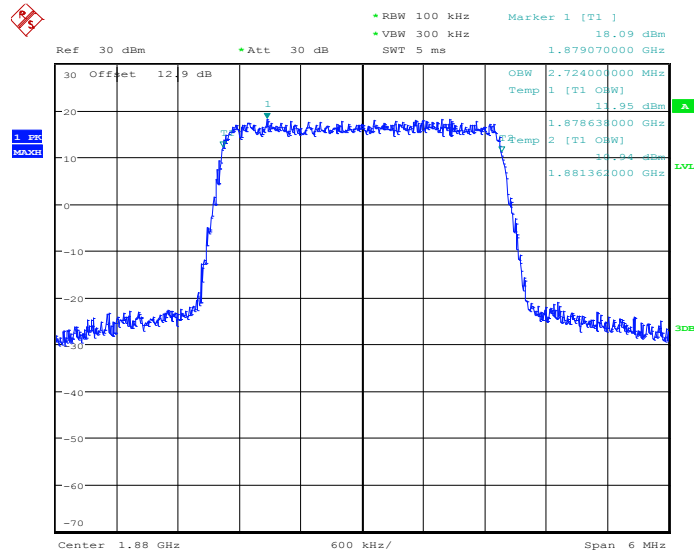
26dB Bandwidth Plot on Channel 18615



Date: 18.JUN.2014 23:31:32

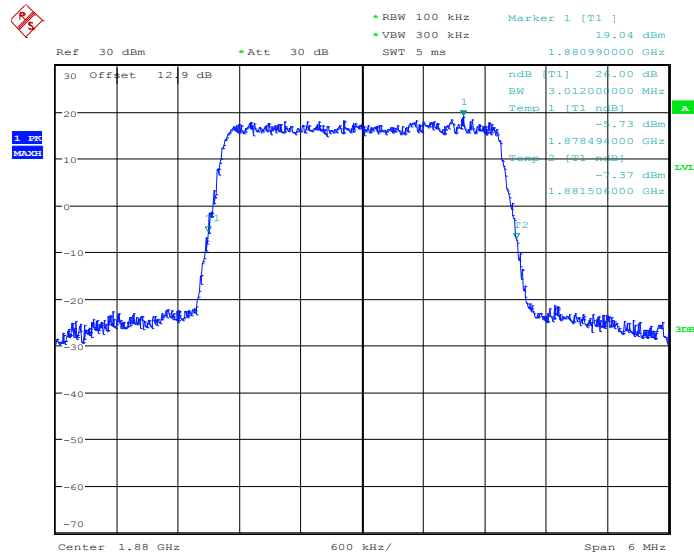


99% Occupied Bandwidth Plot on Channel 18900



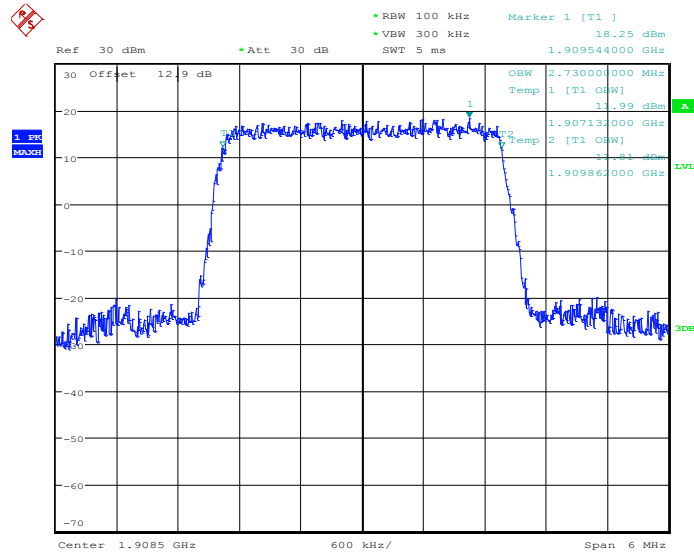
Date: 18.JUN.2014 23:37:33

26dB Bandwidth Plot on Channel 18900



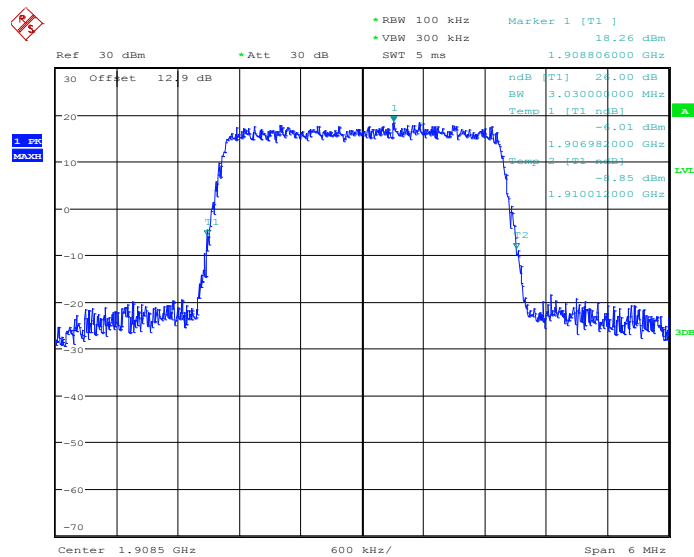
Date: 18.JUN.2014 23:38:11

99% Occupied Bandwidth Plot on Channel 19185



Date: 18.JUN.2014 23:42:48

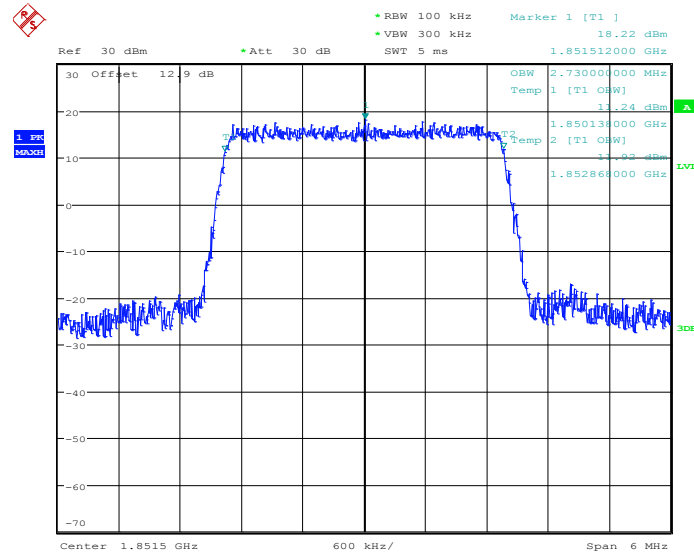
26dB Bandwidth Plot on Channel 19185



Date: 18.JUN.2014 23:43:26

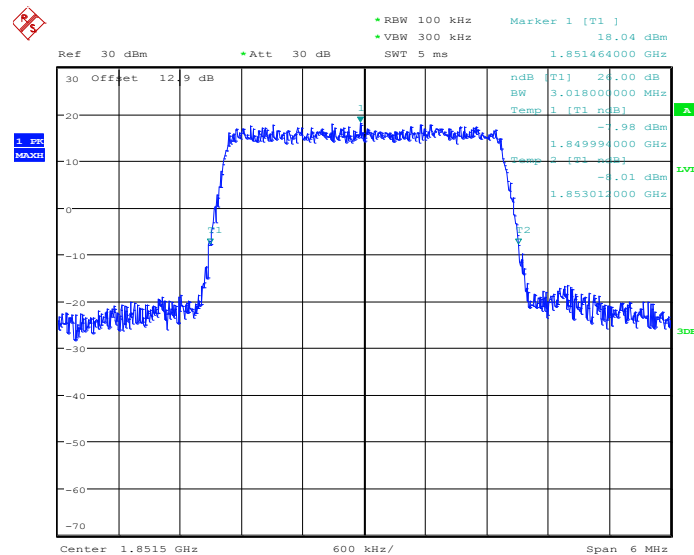
Band :	LTE Band 2	BW / Mod. :	3MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 18615



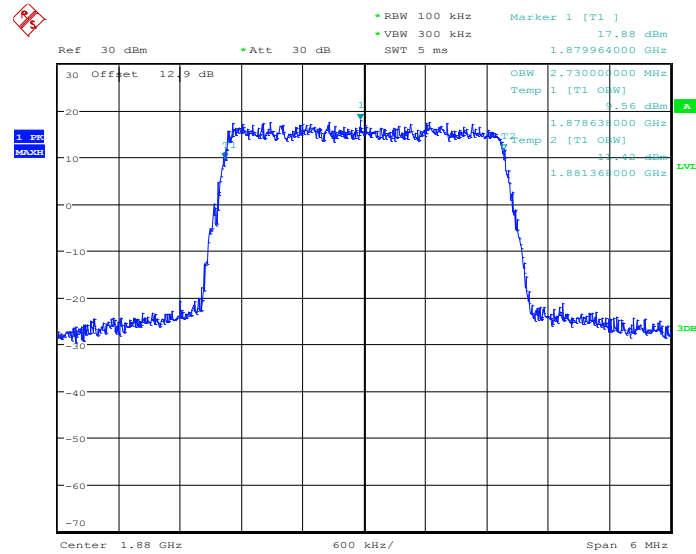
Date: 18.JUN.2014 23:31:13

26dB Bandwidth Plot on Channel 18615



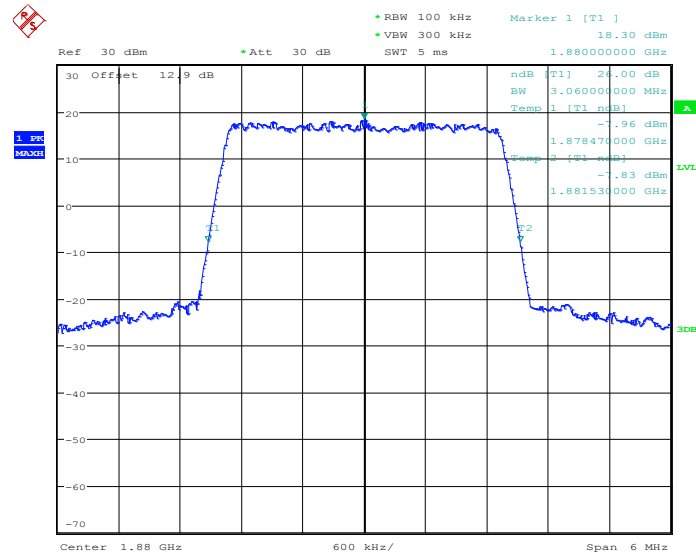
Date: 18.JUN.2014 23:31:52

99% Occupied Bandwidth Plot on Channel 18900



Date: 18.JUN.2014 23:37:51

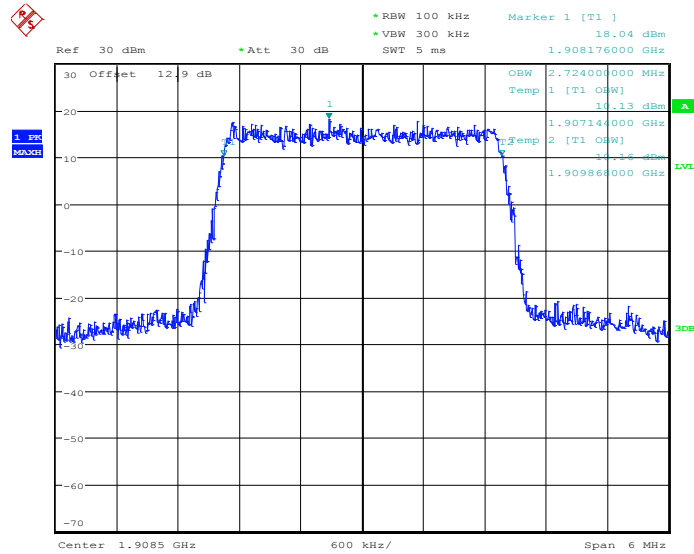
26dB Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 01:17:01

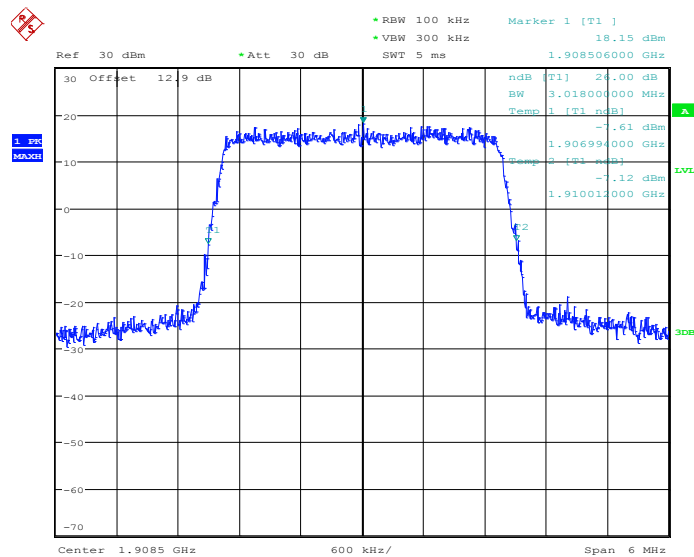


99% Occupied Bandwidth Plot on Channel 19185



Date: 18.JUN.2014 23:43:06

26dB Bandwidth Plot on Channel 19185

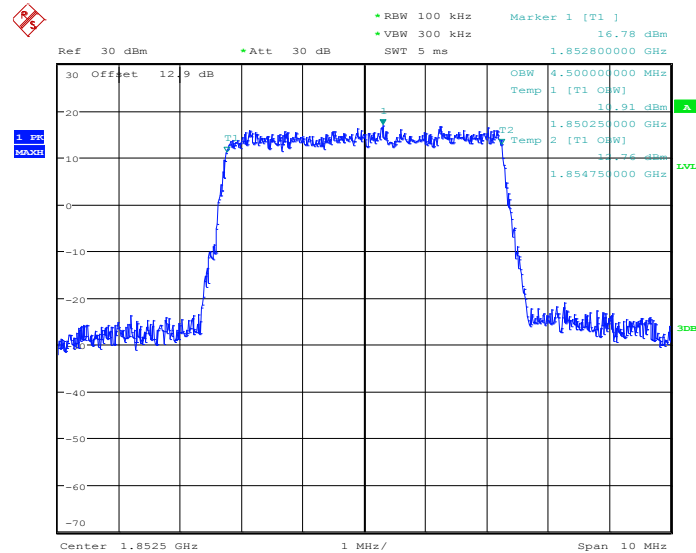


Date: 18.JUN.2014 23:43:46



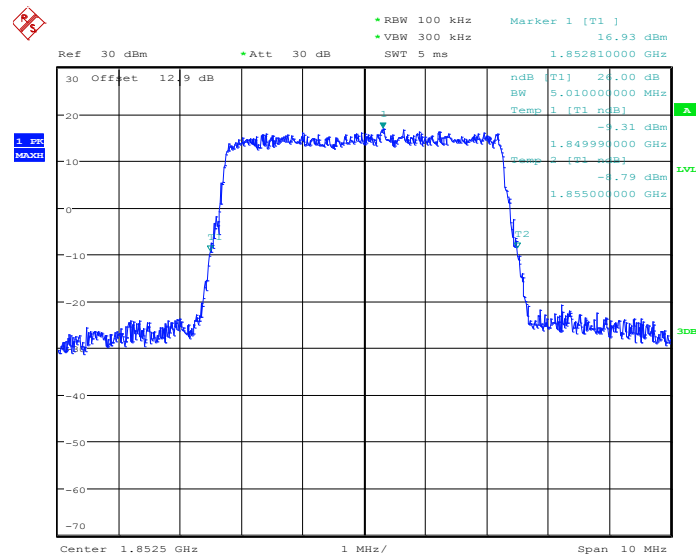
Band :	LTE Band 2	BW / Mod. :	5MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 18625



Date: 18.JUN.2014 23:49:31

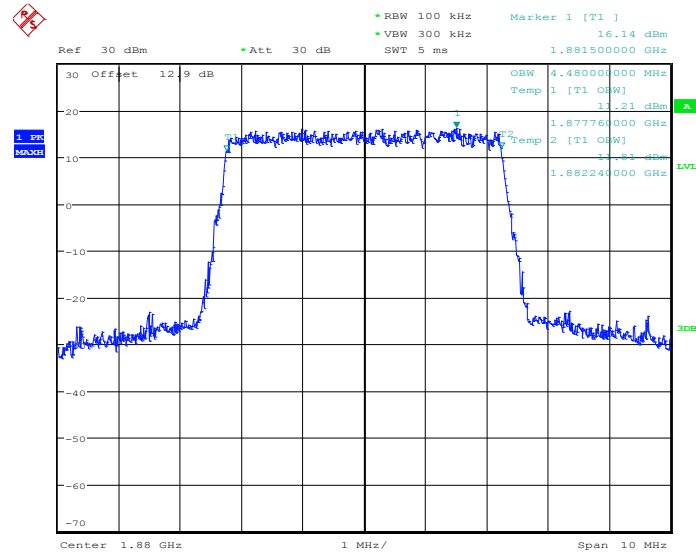
26dB Bandwidth Plot on Channel 18625



Date: 18.JUN.2014 23:50:08

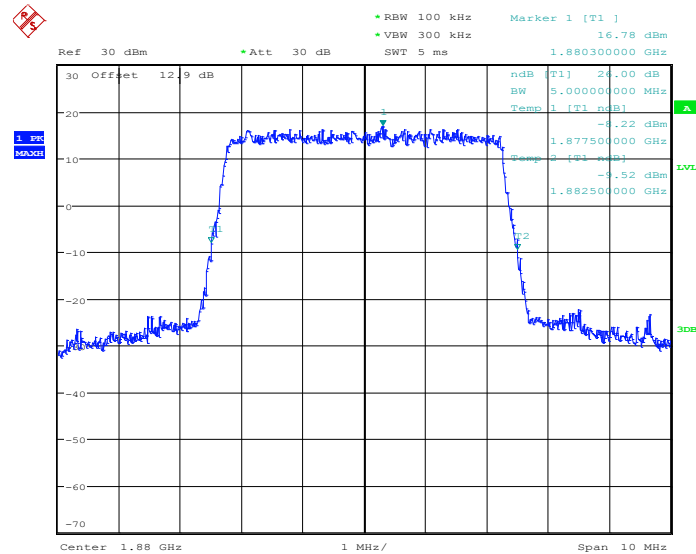


99% Occupied Bandwidth Plot on Channel 18900



Date: 18.JUN.2014 23:56:25

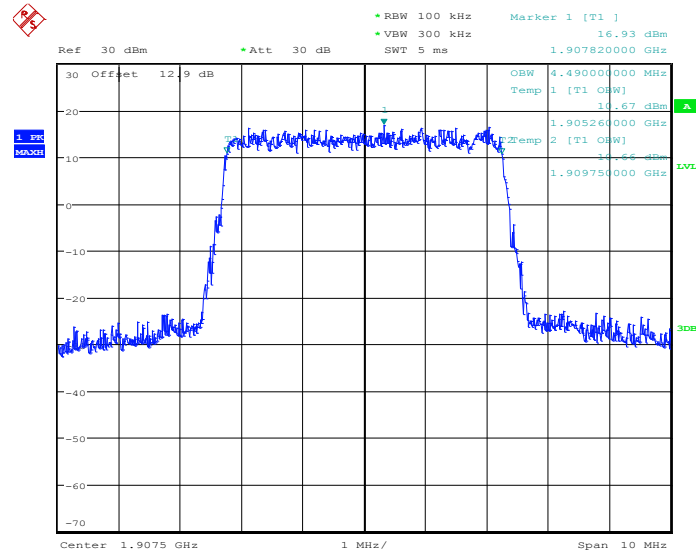
26dB Bandwidth Plot on Channel 18900



Date: 18.JUN.2014 23:57:03

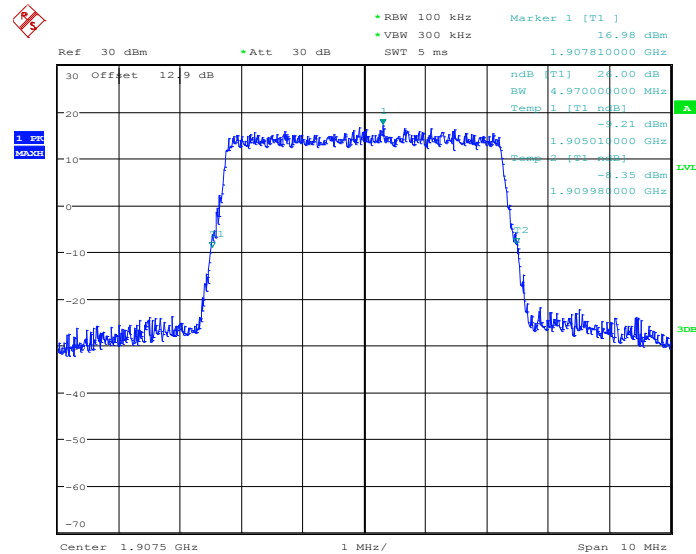


99% Occupied Bandwidth Plot on Channel 19175



Date: 18.JUN.2014 23:59:45

26dB Bandwidth Plot on Channel 19175

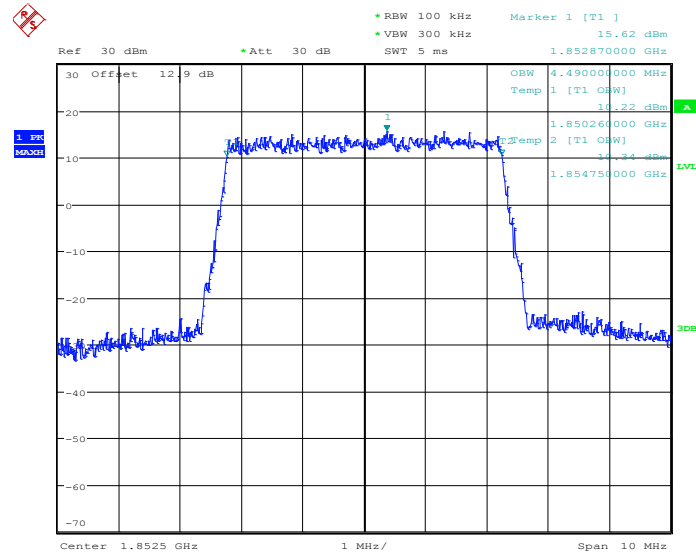


Date: 19.JUN.2014 00:00:23



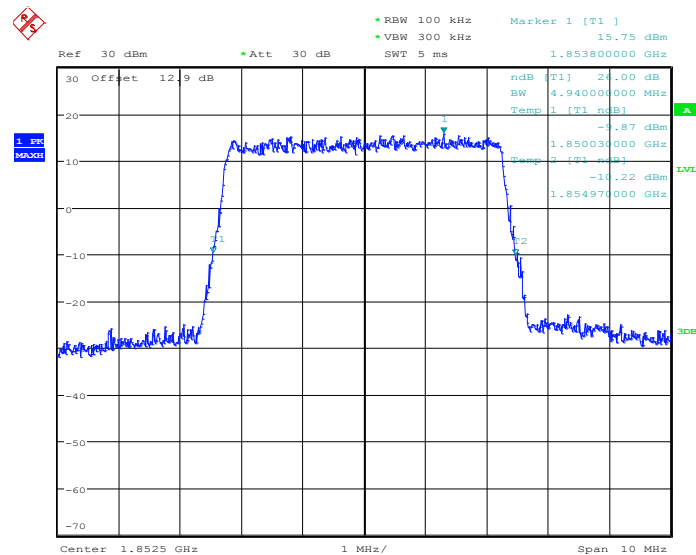
Band :	LTE Band 2	BW / Mod. :	5MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 18625



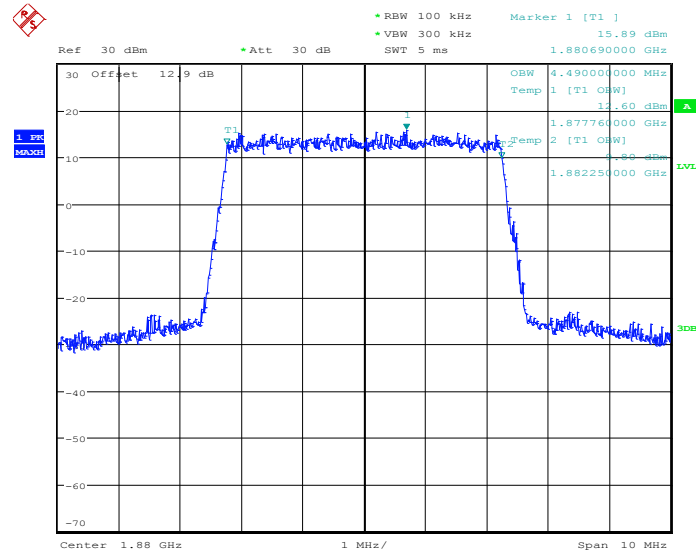
Date: 18.JUN.2014 23:49:48

26dB Bandwidth Plot on Channel 18625



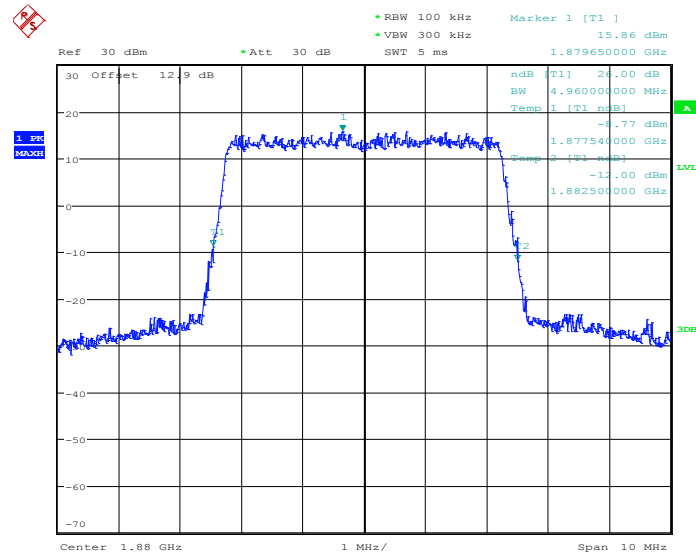
Date: 18.JUN.2014 23:50:28

99% Occupied Bandwidth Plot on Channel 18900



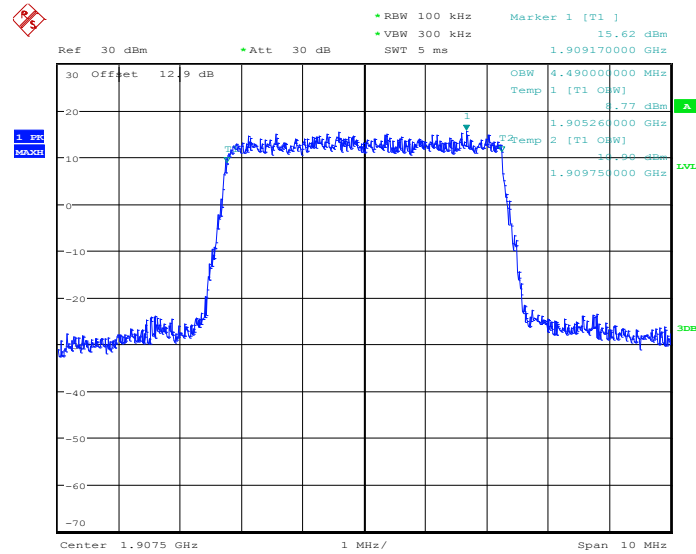
Date: 18.JUN.2014 23:56:43

26dB Bandwidth Plot on Channel 18900



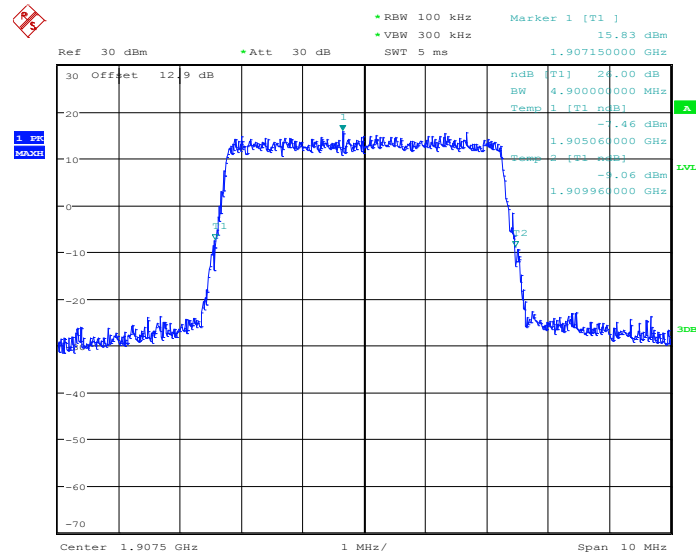
Date: 18.JUN.2014 23:57:23

99% Occupied Bandwidth Plot on Channel 19175



Date: 19.JUN.2014 00:00:03

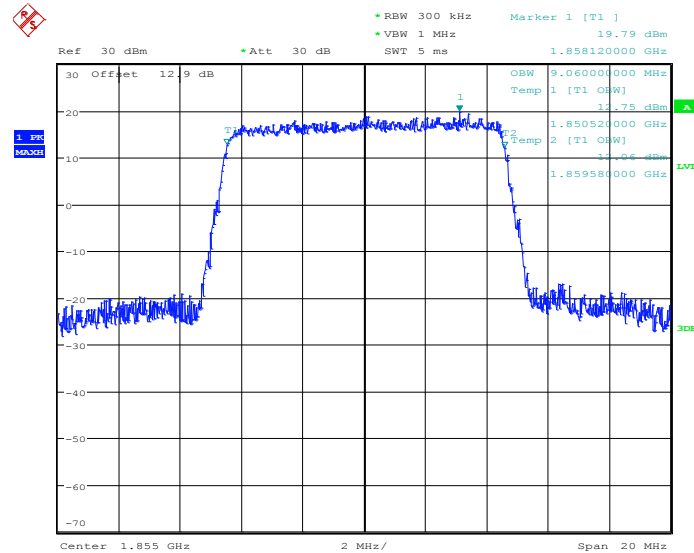
26dB Bandwidth Plot on Channel 19175



Date: 19.JUN.2014 00:00:42

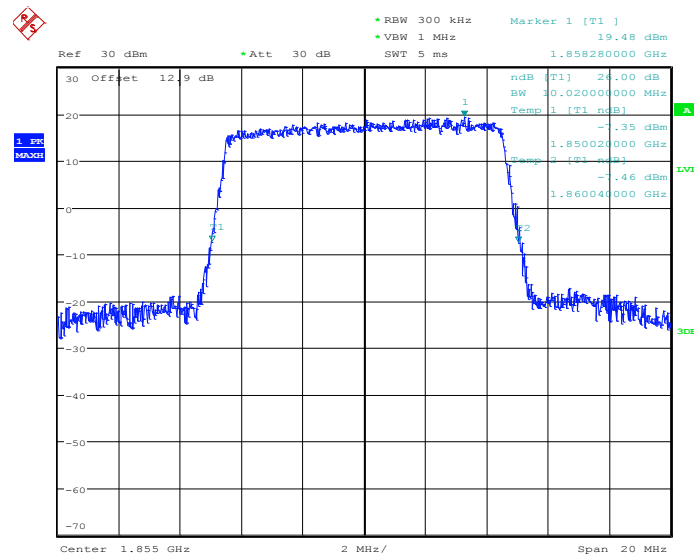
Band :	LTE Band 2	BW / Mod. :	10MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 18650



Date: 19.JUN.2014 00:06:27

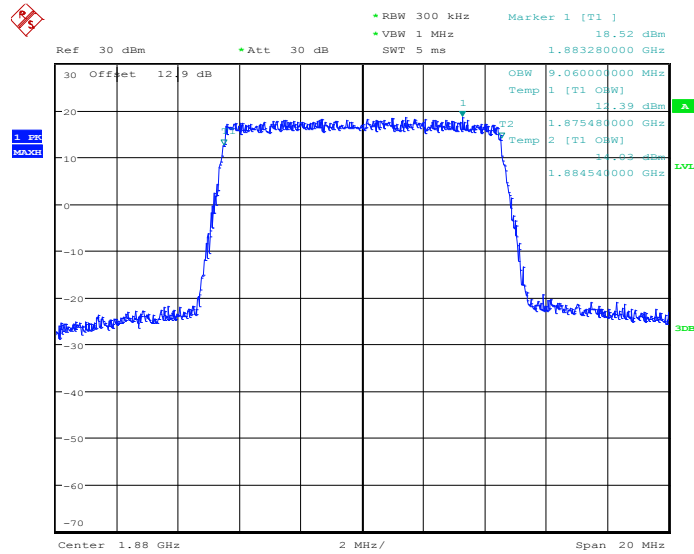
26dB Bandwidth Plot on Channel 18650



Date: 19.JUN.2014 00:07:05

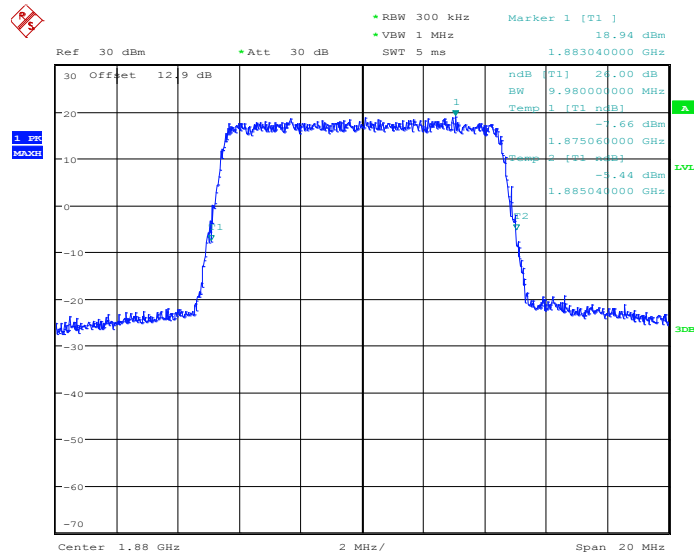


99% Occupied Bandwidth Plot on Channel 18900



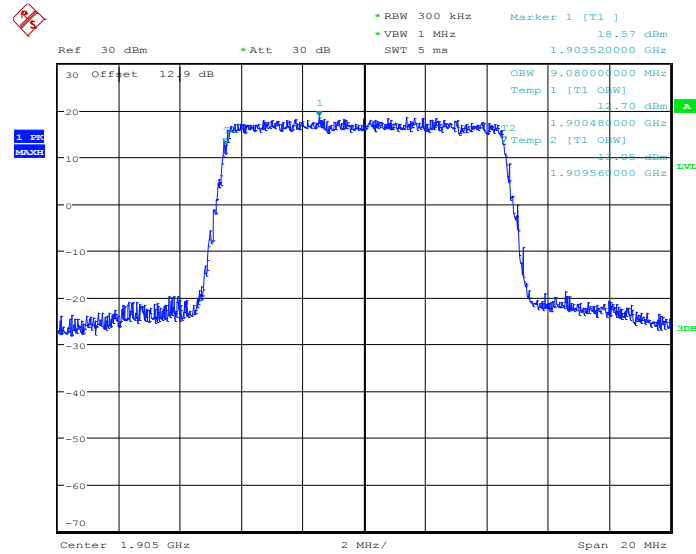
Date: 19.JUN.2014 00:15:44

26dB Bandwidth Plot on Channel 18900



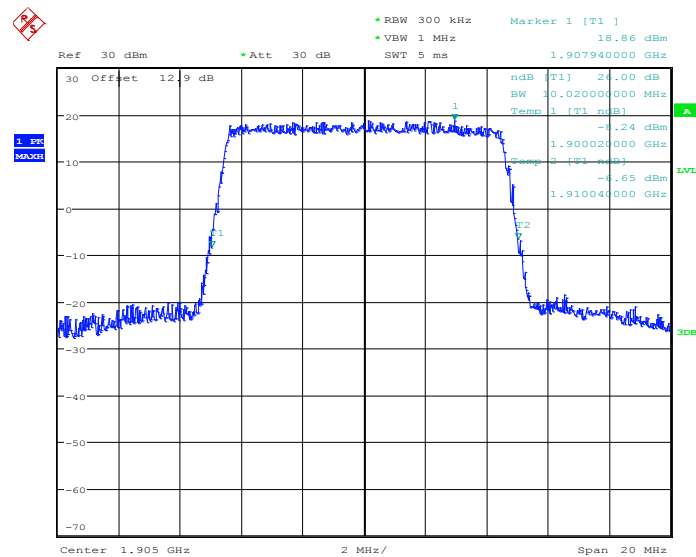
Date: 19.JUN.2014 00:16:22

99% Occupied Bandwidth Plot on Channel 19150



Date: 19.JUN.2014 00:19:04

26dB Bandwidth Plot on Channel 19150

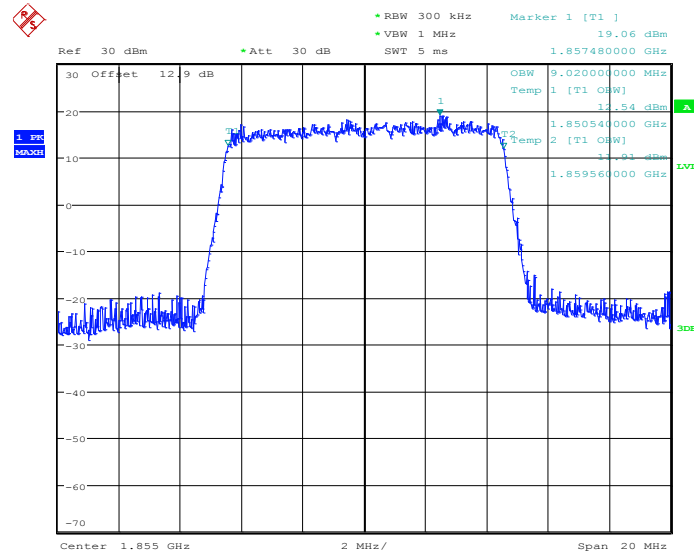


Date: 19.JUN.2014 00:19:42



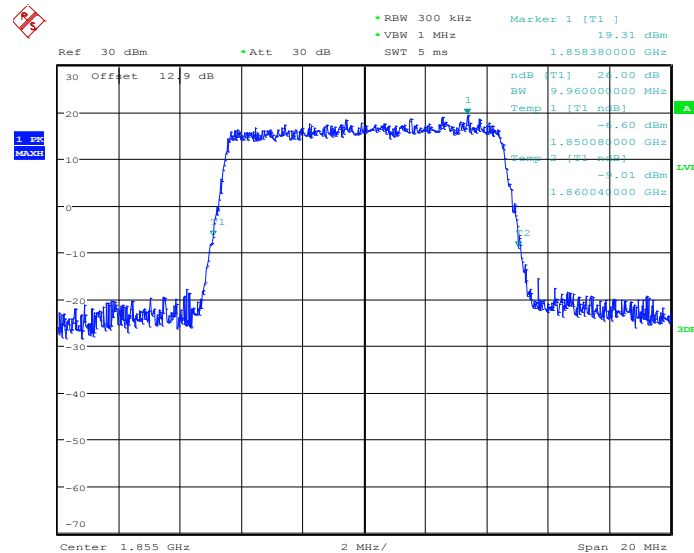
Band :	LTE Band 2	BW / Mod. :	10MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 18650



Date: 19.JUN.2014 00:06:45

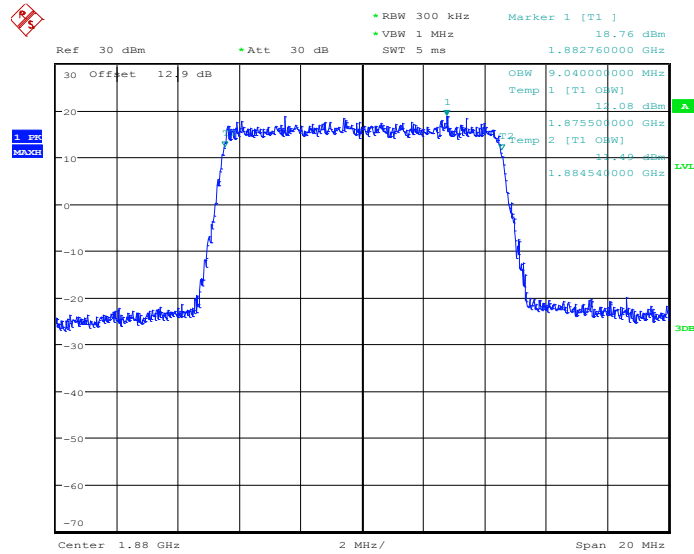
26dB Bandwidth Plot on Channel 18650



Date: 19.JUN.2014 00:07:25

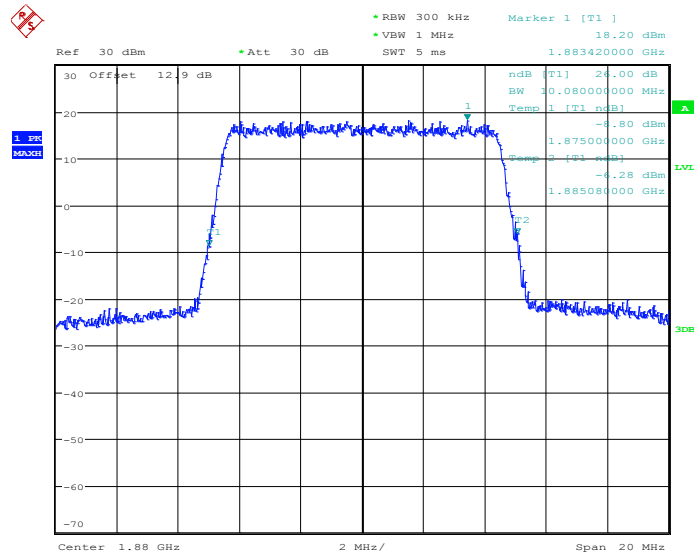


99% Occupied Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:16:02

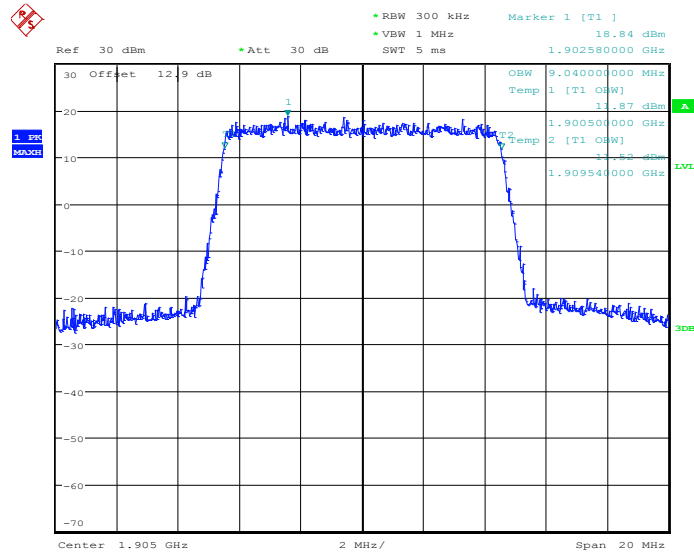
26dB Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:16:42

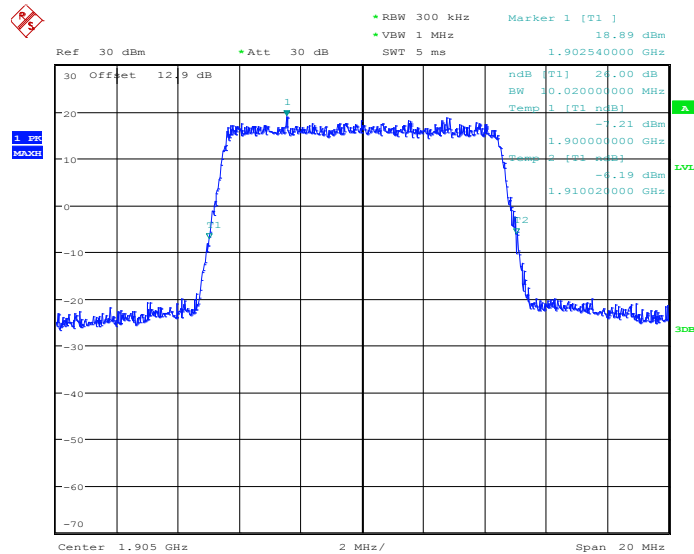


99% Occupied Bandwidth Plot on Channel 19150



Date: 19.JUN.2014 00:19:22

26dB Bandwidth Plot on Channel 19150

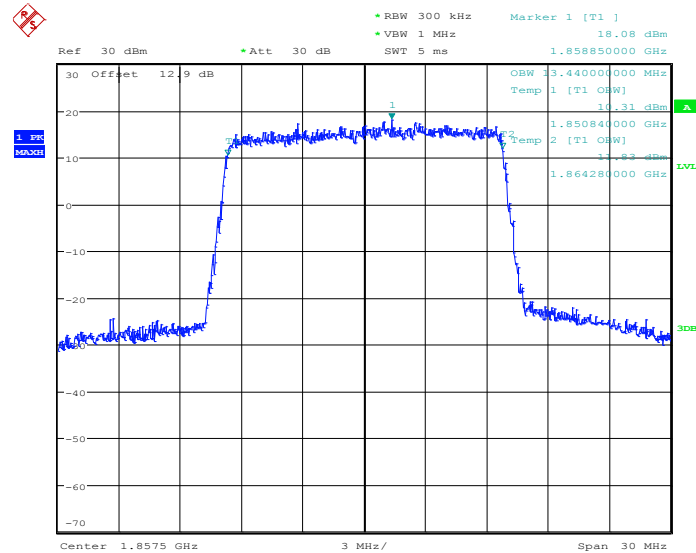


Date: 19.JUN.2014 00:20:02



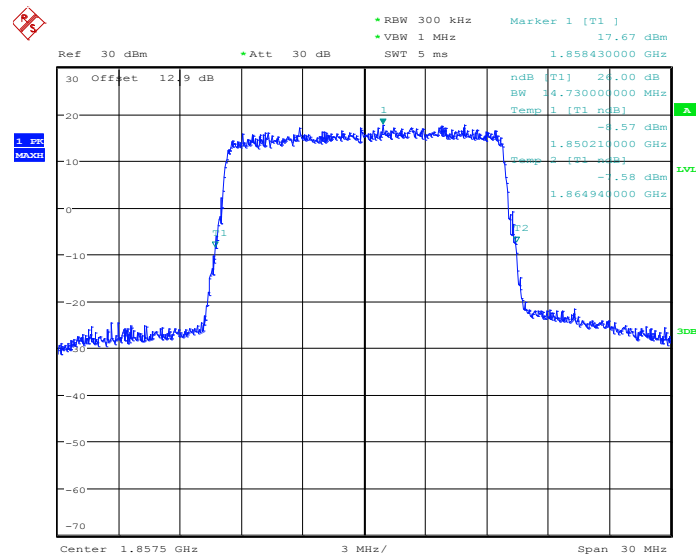
Band :	LTE Band 2	BW / Mod. :	15MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 18675



Date: 19.JUN.2014 00:32:54

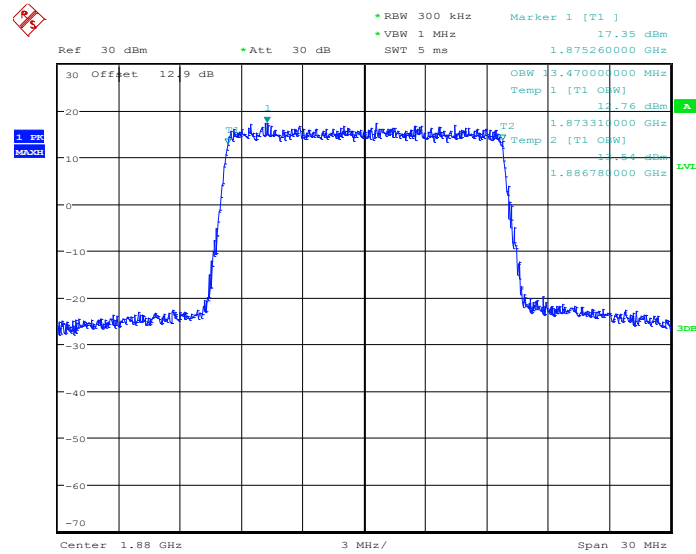
26dB Bandwidth Plot on Channel 18675



Date: 19.JUN.2014 00:33:32

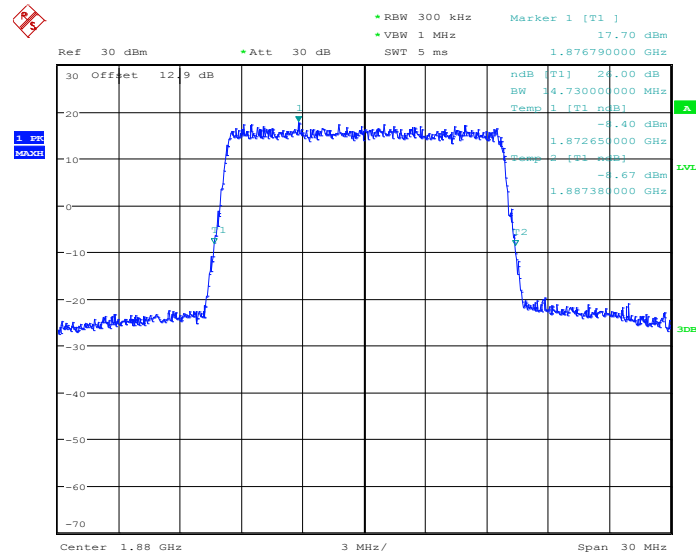


99% Occupied Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:39:33

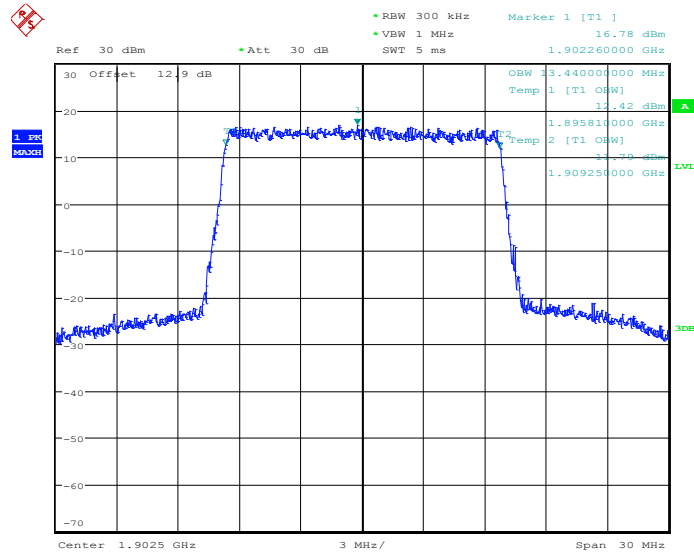
26dB Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:40:11

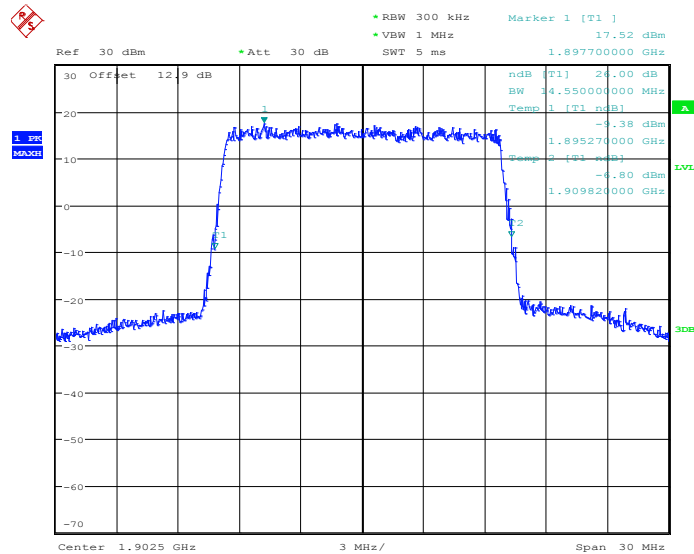


99% Occupied Bandwidth Plot on Channel 19125



Date: 19.JUN.2014 00:43:00

26dB Bandwidth Plot on Channel 19125

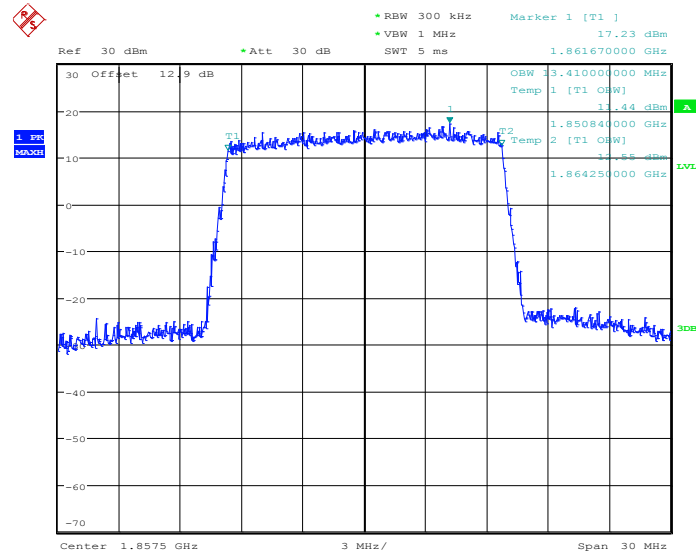


Date: 19.JUN.2014 00:43:38



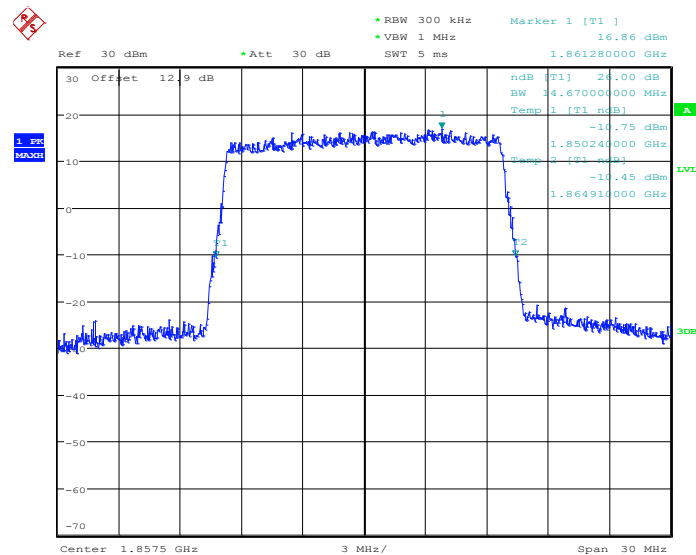
Band :	LTE Band 2	BW / Mod. :	15MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 18675



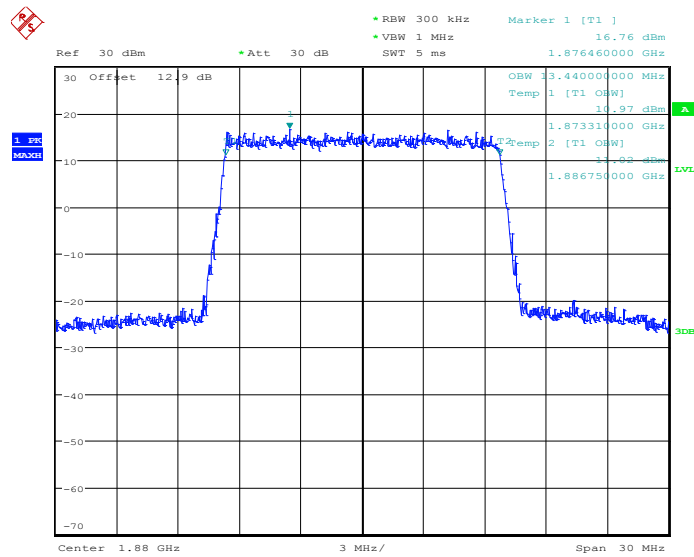
Date: 19.JUN.2014 00:33:12

26dB Bandwidth Plot on Channel 18675



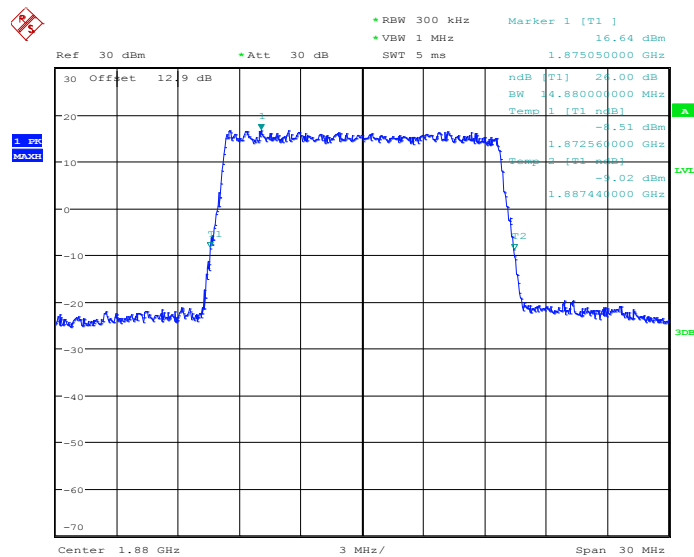
Date: 19.JUN.2014 00:33:52

99% Occupied Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:39:51

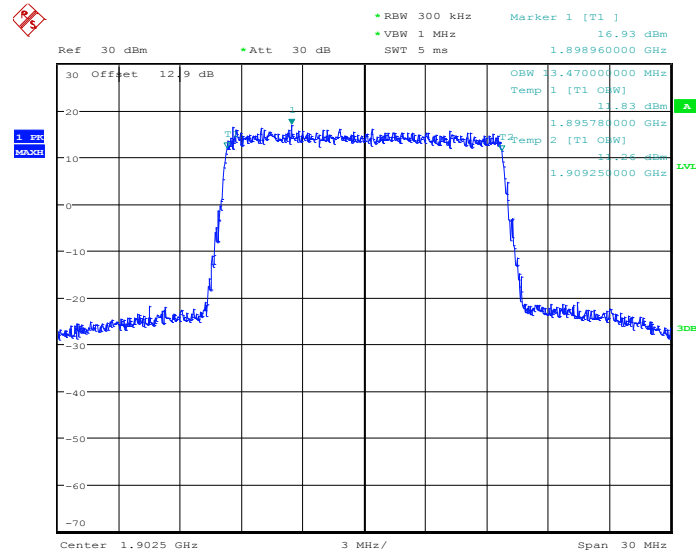
26dB Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 01:15:00

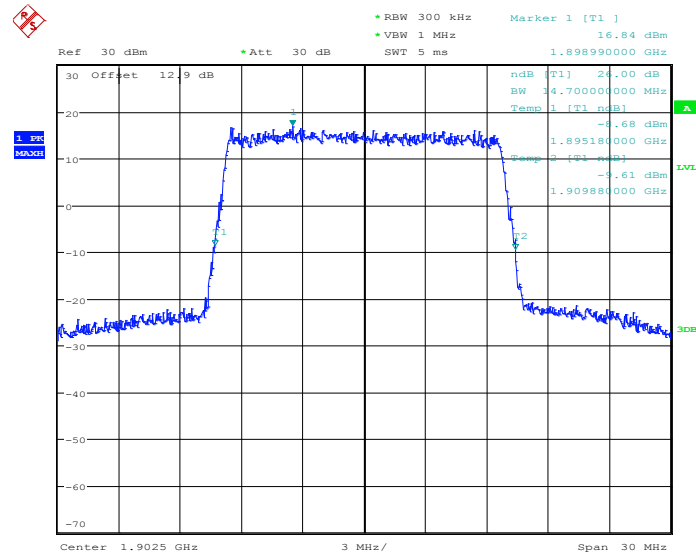


99% Occupied Bandwidth Plot on Channel 19125



Date: 19.JUN.2014 00:43:18

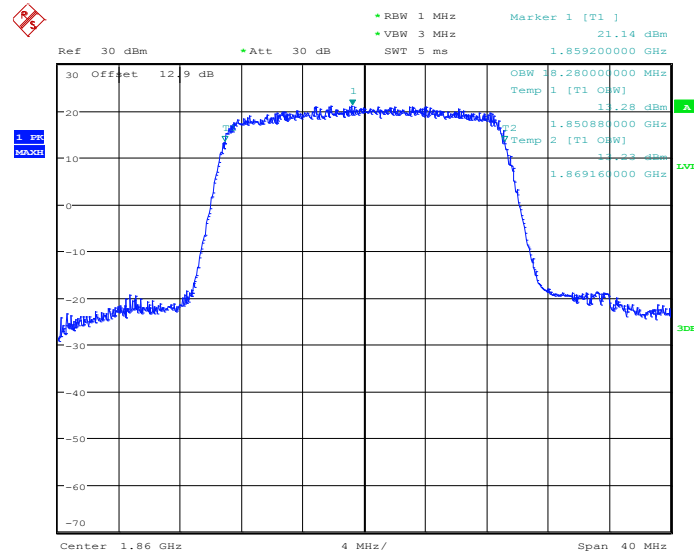
26dB Bandwidth Plot on Channel 19125



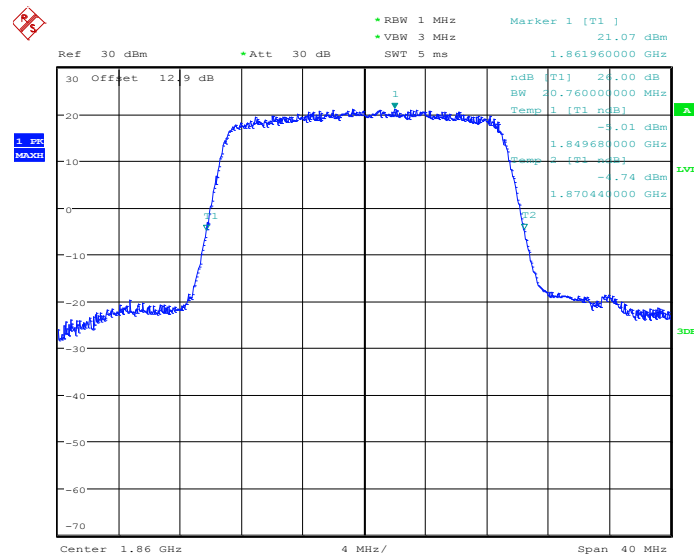
Date: 19.JUN.2014 00:43:57



Band :	LTE Band 2	BW / Mod. :	20MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 18700

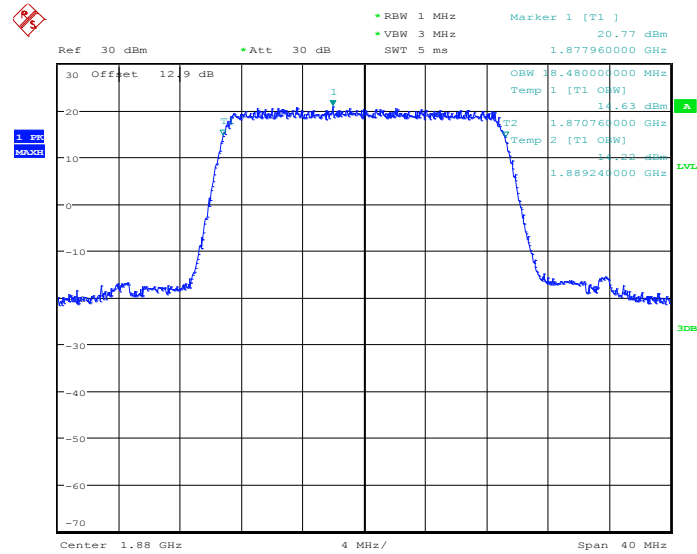
Date: 19.JUN.2014 00:49:43

26dB Bandwidth Plot on Channel 18700

Date: 19.JUN.2014 00:50:20

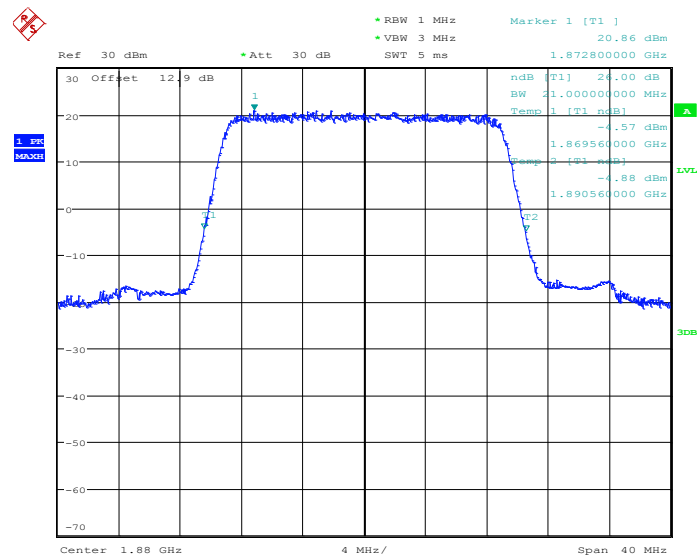


99% Occupied Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:58:05

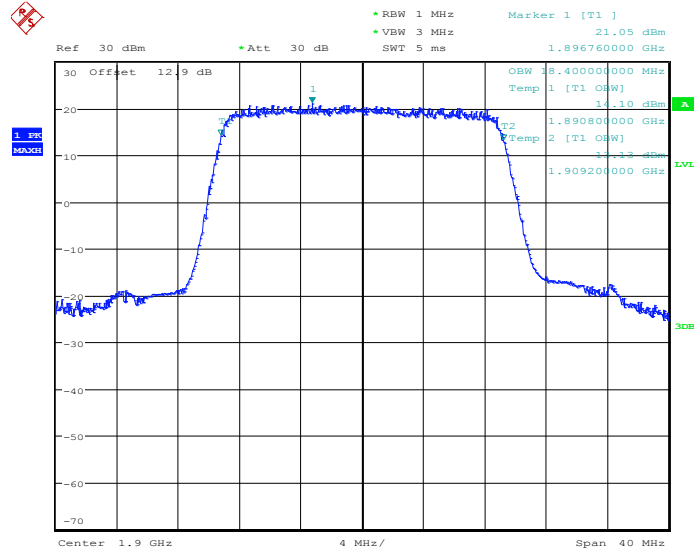
26dB Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:58:43

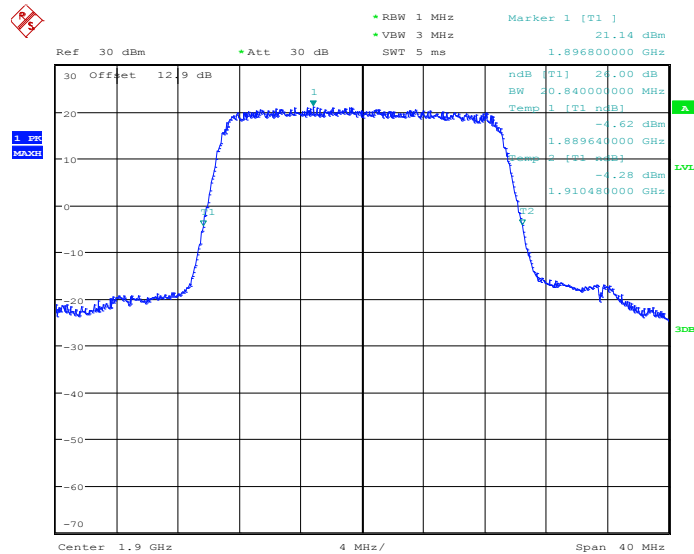


99% Occupied Bandwidth Plot on Channel 19100



Date: 19.JUN.2014 01:01:26

26dB Bandwidth Plot on Channel 19100

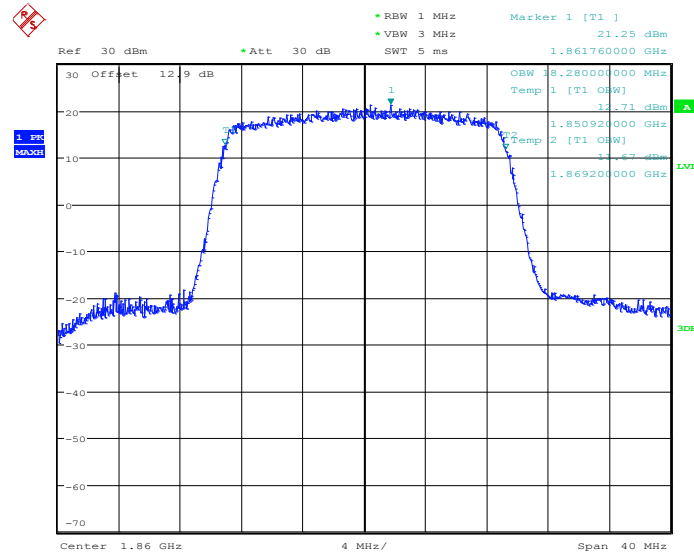


Date: 19.JUN.2014 01:02:04



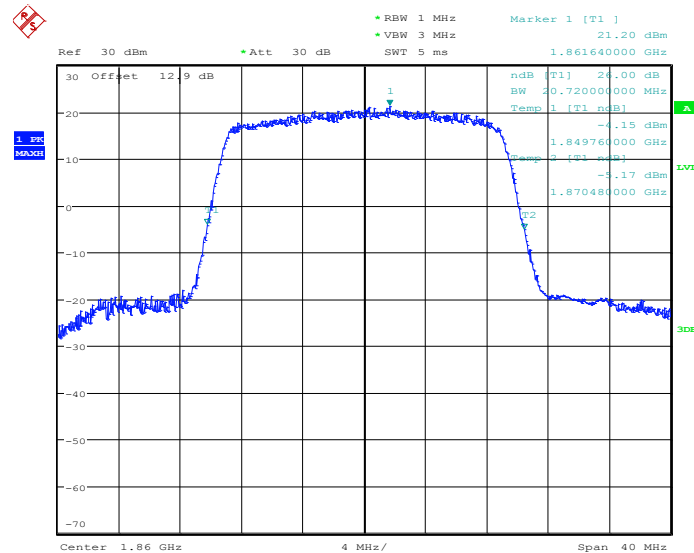
Band :	LTE Band 2	BW / Mod. :	20MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 18700



Date: 19.JUN.2014 00:50:01

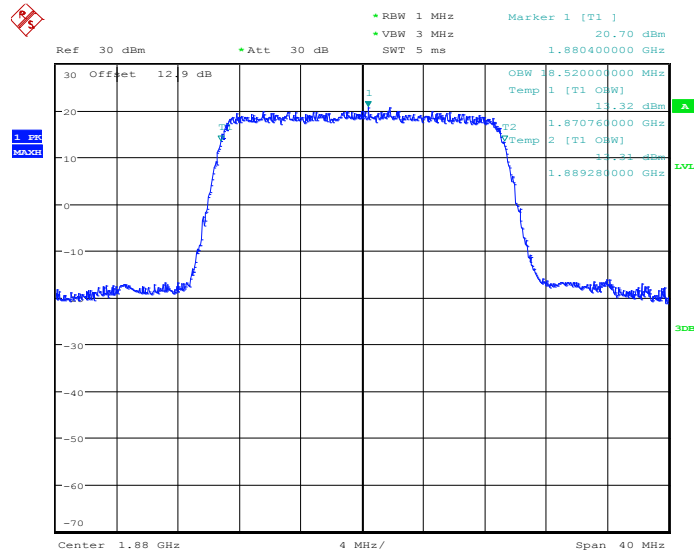
26dB Bandwidth Plot on Channel 18700



Date: 19.JUN.2014 00:50:40

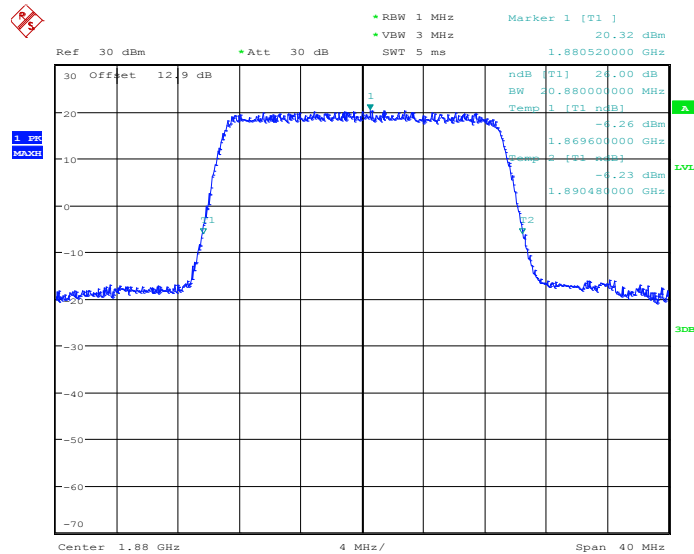


99% Occupied Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:58:23

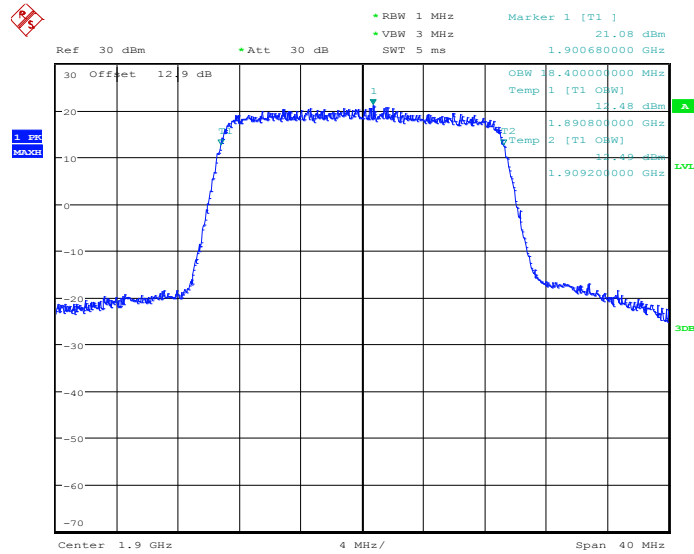
26dB Bandwidth Plot on Channel 18900



Date: 19.JUN.2014 00:59:03

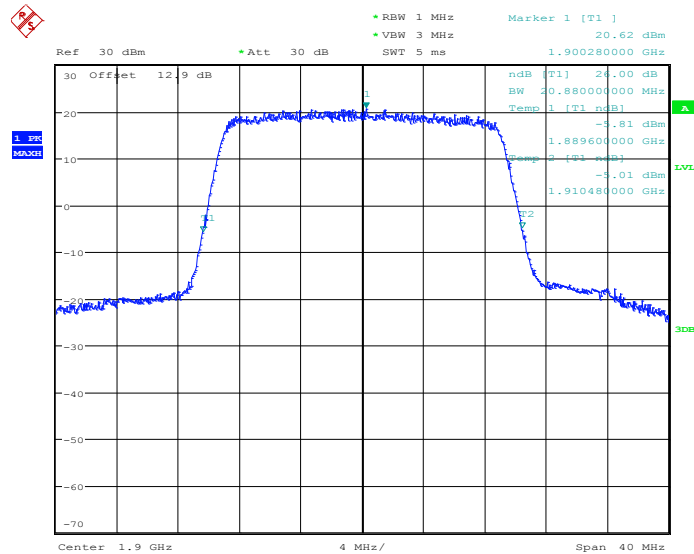


99% Occupied Bandwidth Plot on Channel 19100



Date: 19.JUN.2014 01:01:44

26dB Bandwidth Plot on Channel 19100

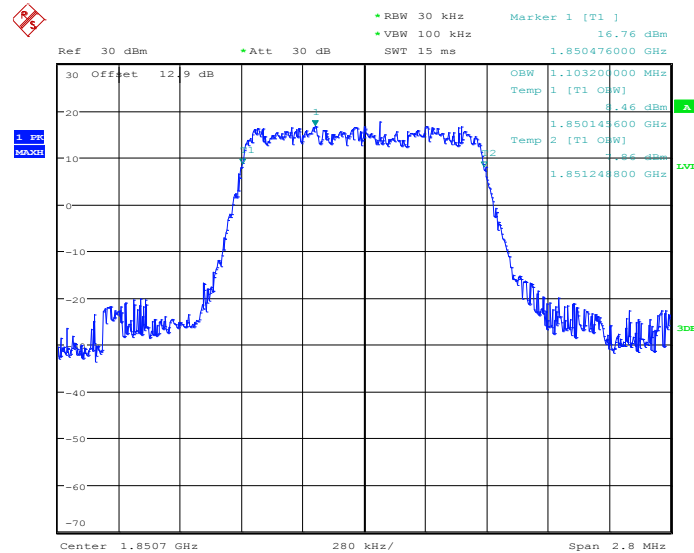


Date: 19.JUN.2014 01:02:24



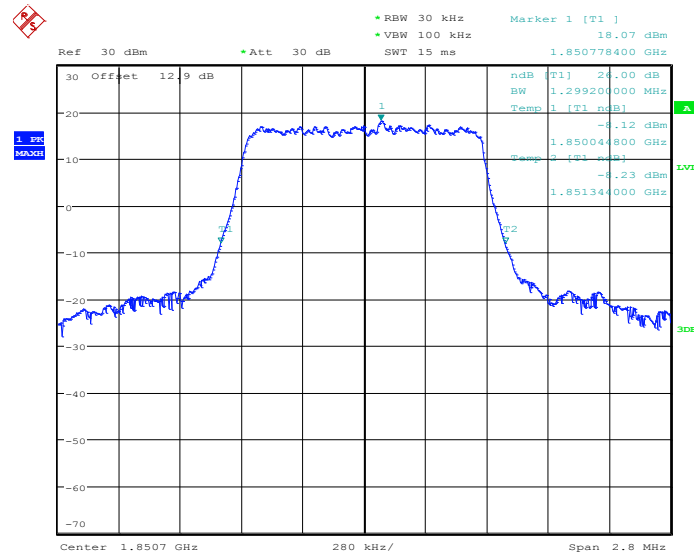
Band :	LTE Band 25	BW / Mod. :	1.4MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 26047



Date: 14.JUL.2014 21:57:20

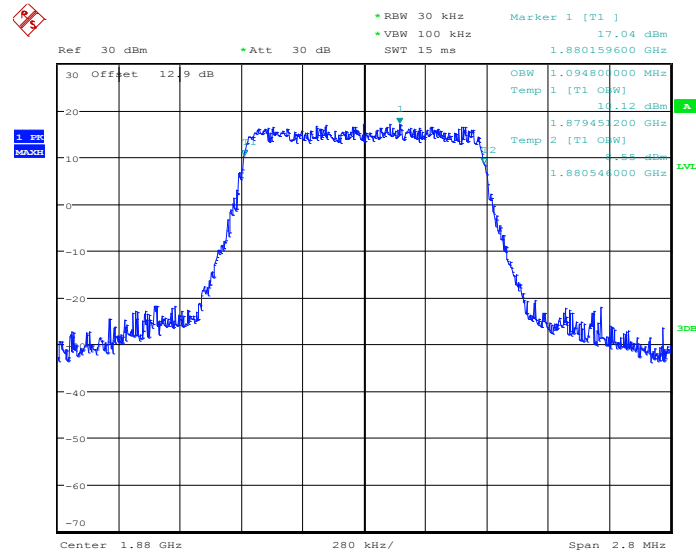
26dB Bandwidth Plot on Channel 26047



Date: 14.JUL.2014 23:02:39

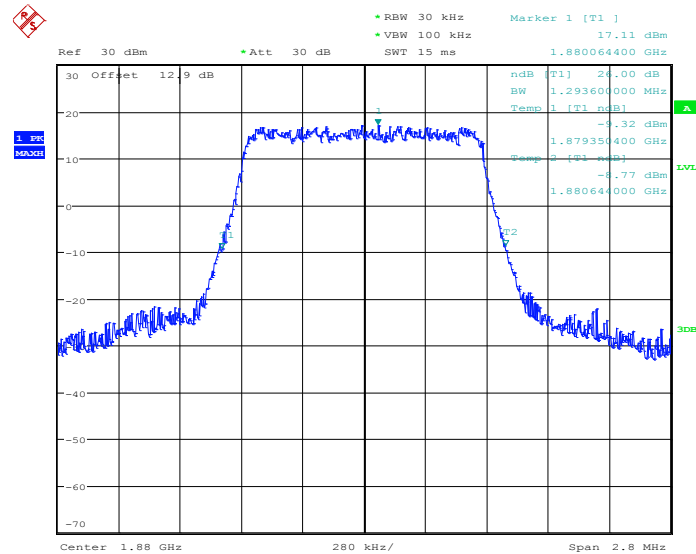


99% Occupied Bandwidth Plot on Channel 26340



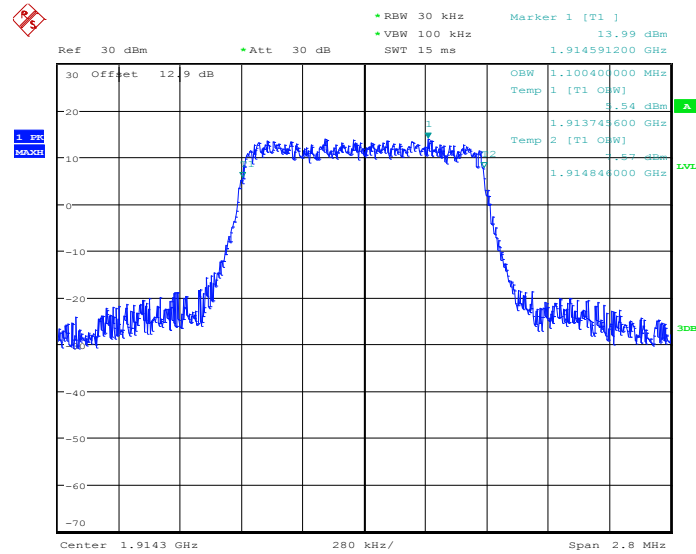
Date: 14.JUL.2014 22:04:34

26dB Bandwidth Plot on Channel 26340



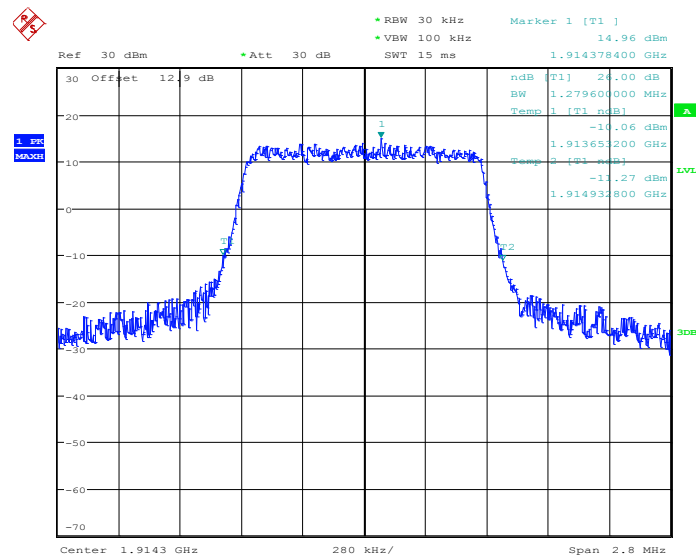
Date: 14.JUL.2014 22:05:04

99% Occupied Bandwidth Plot on Channel 26683



Date: 19.JUN.2014 22:30:17

26dB Bandwidth Plot on Channel 26683

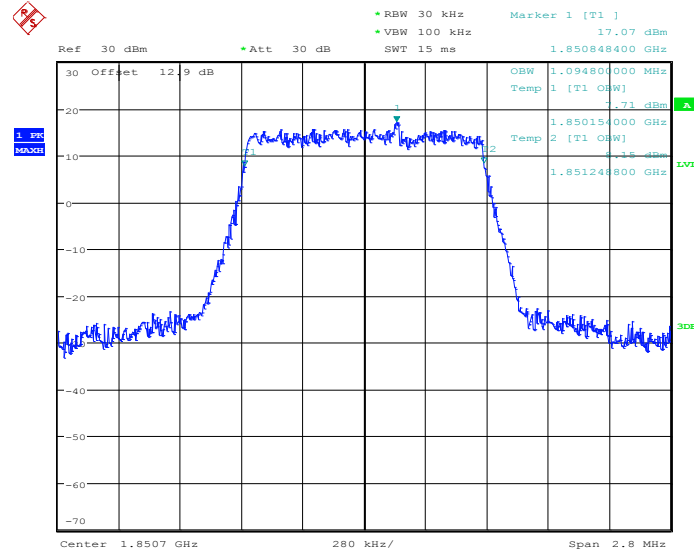


Date: 19.JUN.2014 22:30:55



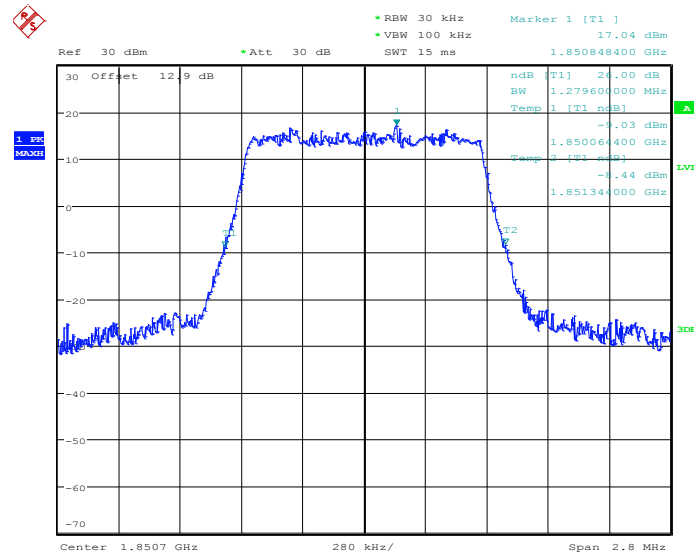
Band :	LTE Band 25	BW / Mod. :	1.4MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 26047



Date: 14.JUL.2014 21:57:34

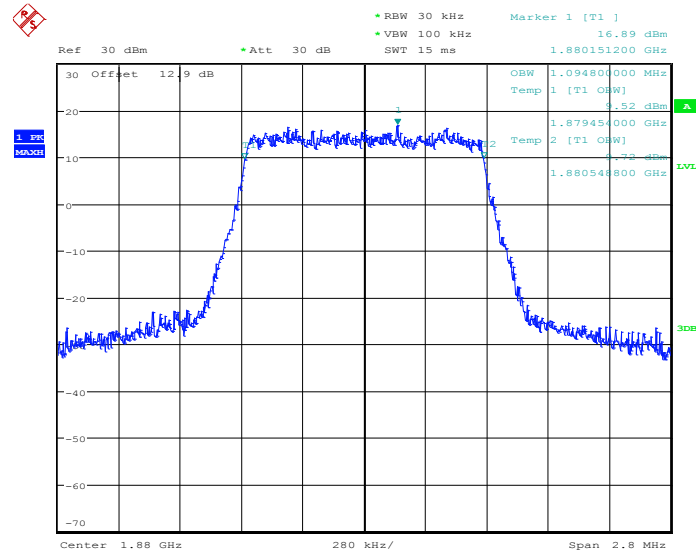
26dB Bandwidth Plot on Channel 26047



Date: 14.JUL.2014 21:59:21

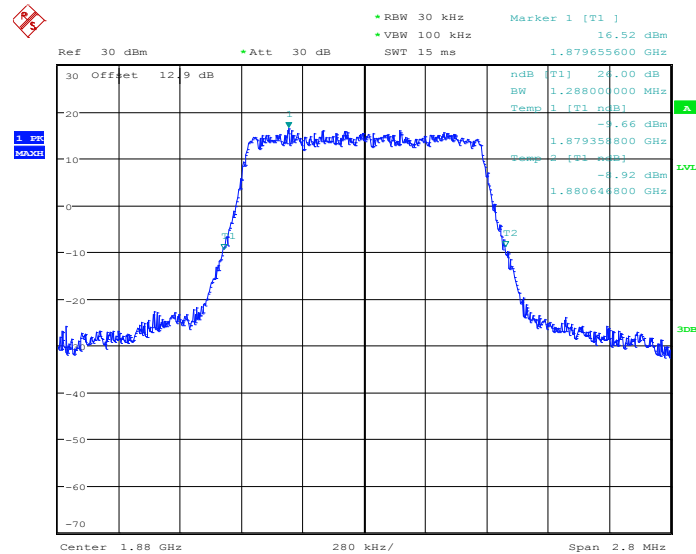


99% Occupied Bandwidth Plot on Channel 26340



Date: 14.JUL.2014 22:04:48

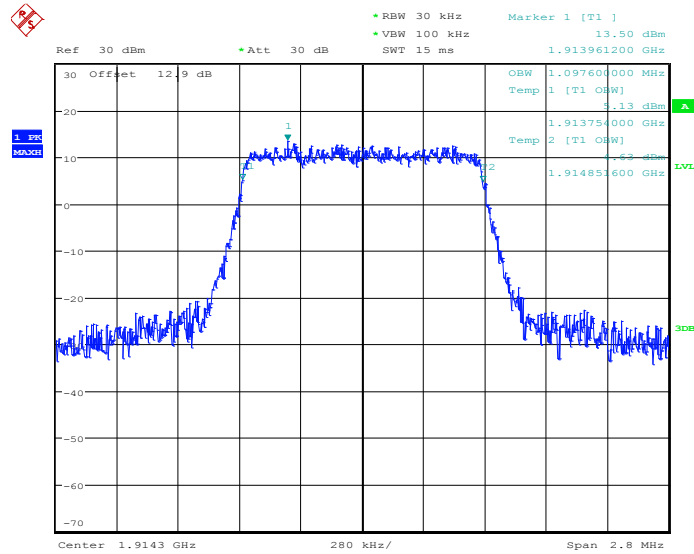
26dB Bandwidth Plot on Channel 26340



Date: 14.JUL.2014 22:05:20

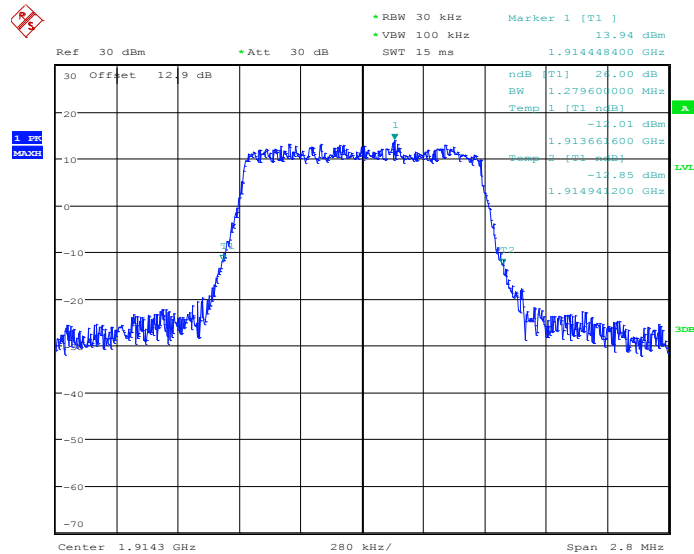


99% Occupied Bandwidth Plot on Channel 26683



Date: 19.JUN.2014 22:30:35

26dB Bandwidth Plot on Channel 26683

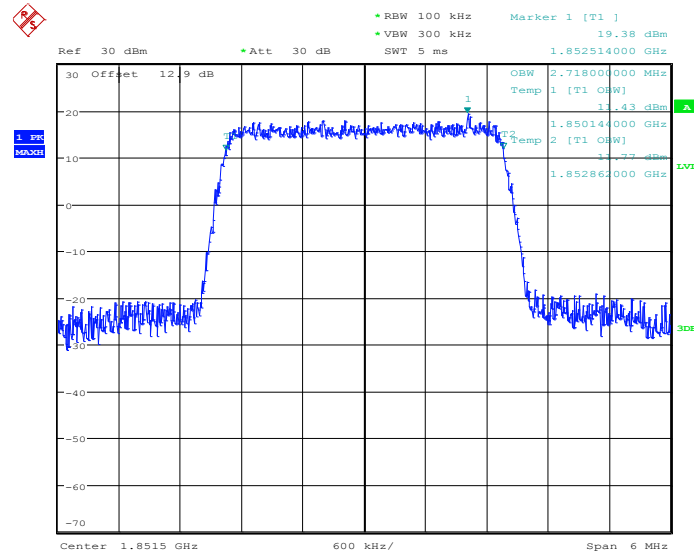


Date: 19.JUN.2014 22:31:14



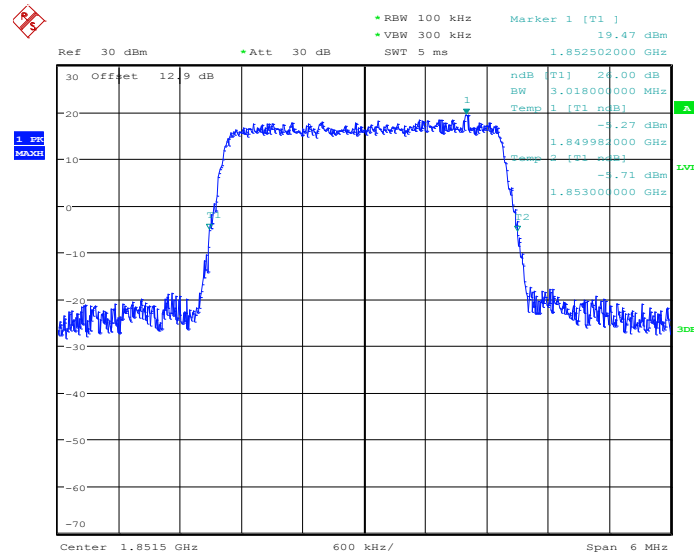
Band :	LTE Band 25	BW / Mod. :	3MHz / QPSK
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99% Occupied Bandwidth Plot on Channel 26055



Date: 14.JUL.2014 23:06:40

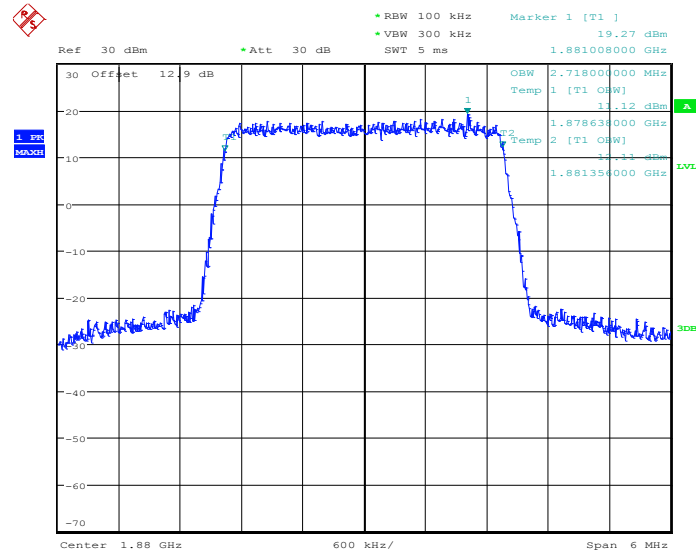
26dB Bandwidth Plot on Channel 26055



Date: 14.JUL.2014 22:10:02

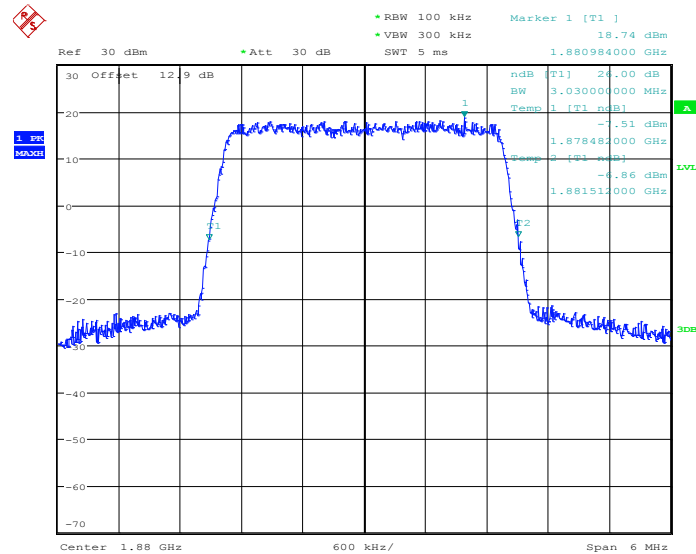


99% Occupied Bandwidth Plot on Channel 26340



Date: 14.JUL.2014 22:16:21

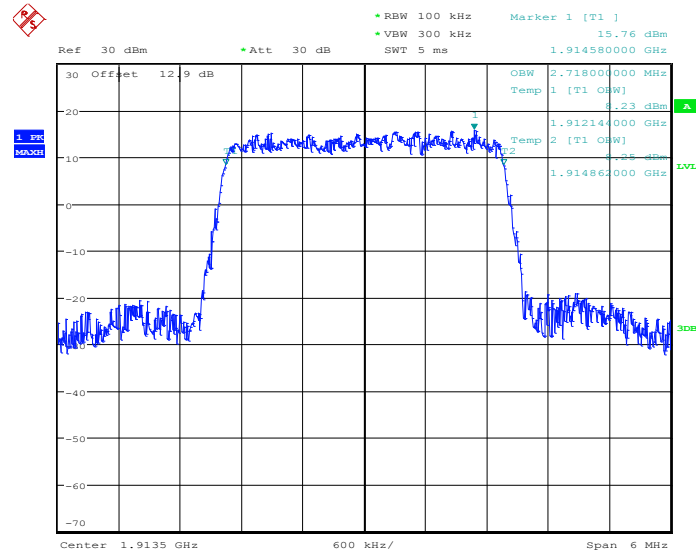
26dB Bandwidth Plot on Channel 26340



Date: 14.JUL.2014 22:16:52

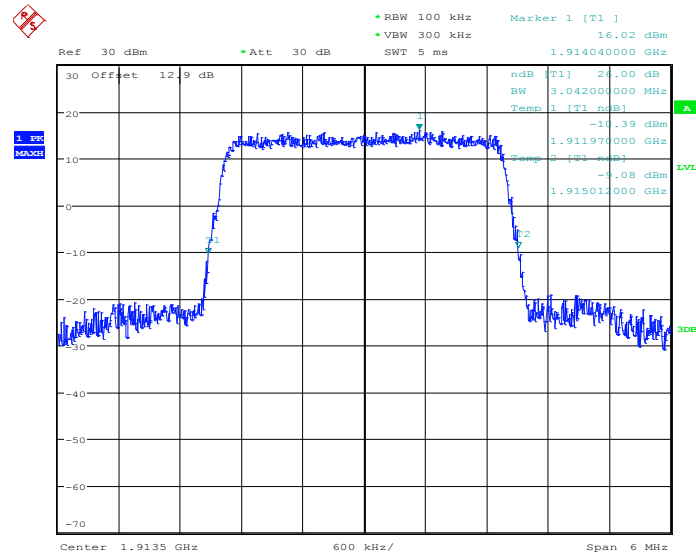


99% Occupied Bandwidth Plot on Channel 26675



Date: 19.JUN.2014 22:38:57

26dB Bandwidth Plot on Channel 26675

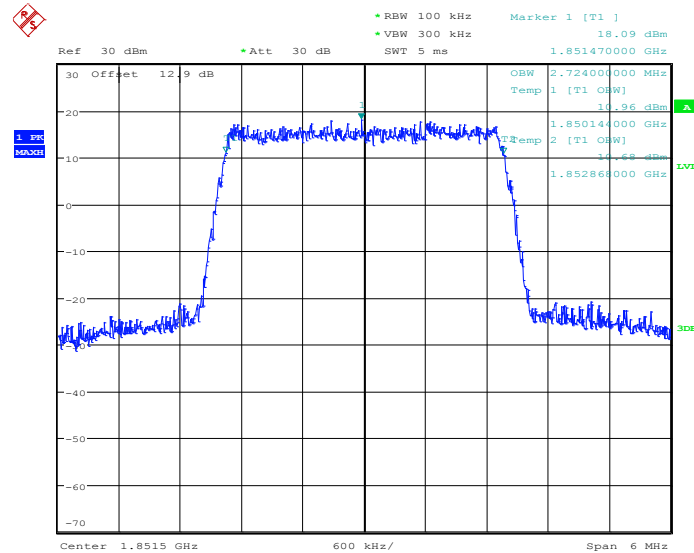


Date: 19.JUN.2014 22:39:35



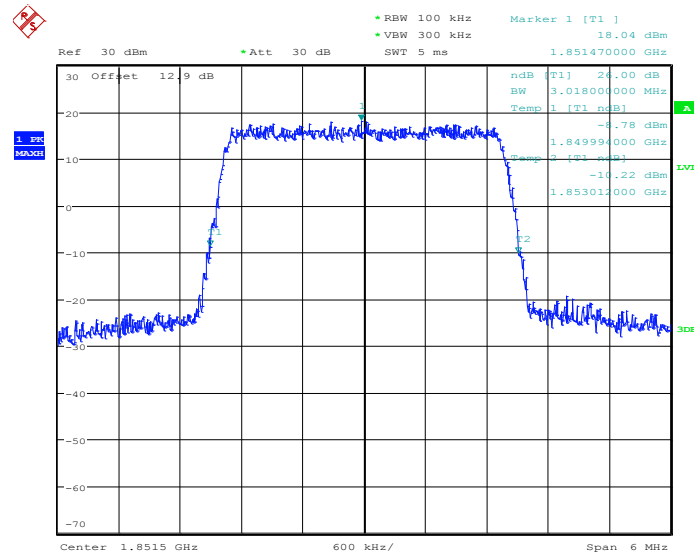
Band :	LTE Band 25	BW / Mod. :	3MHz / 16QAM
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99% Occupied Bandwidth Plot on Channel 26055



Date: 14.JUL.2014 22:09:45

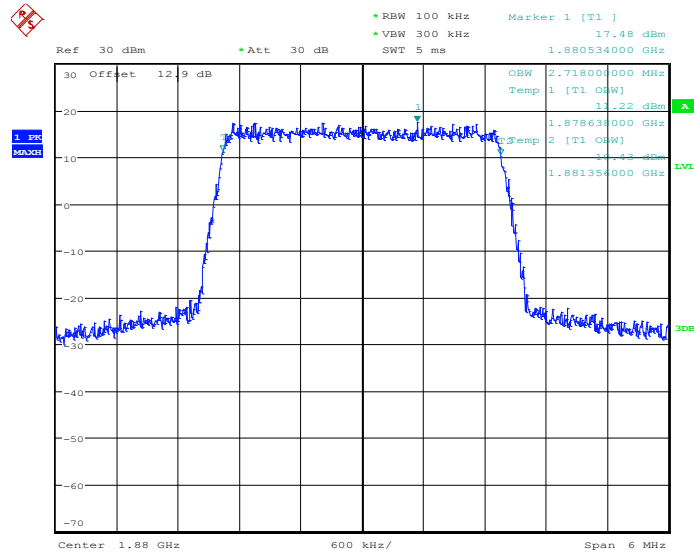
26dB Bandwidth Plot on Channel 26055



Date: 14.JUL.2014 22:10:18

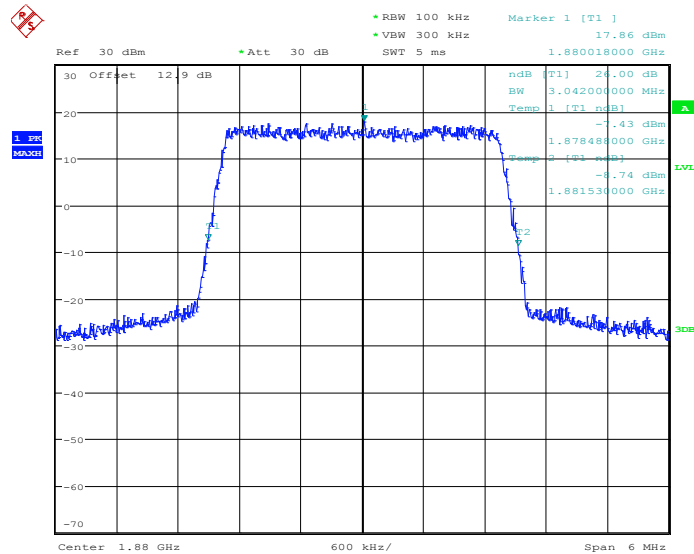


99% Occupied Bandwidth Plot on Channel 26340



Date: 14.JUL.2014 22:16:35

26dB Bandwidth Plot on Channel 26340



Date: 14.JUL.2014 22:17:08