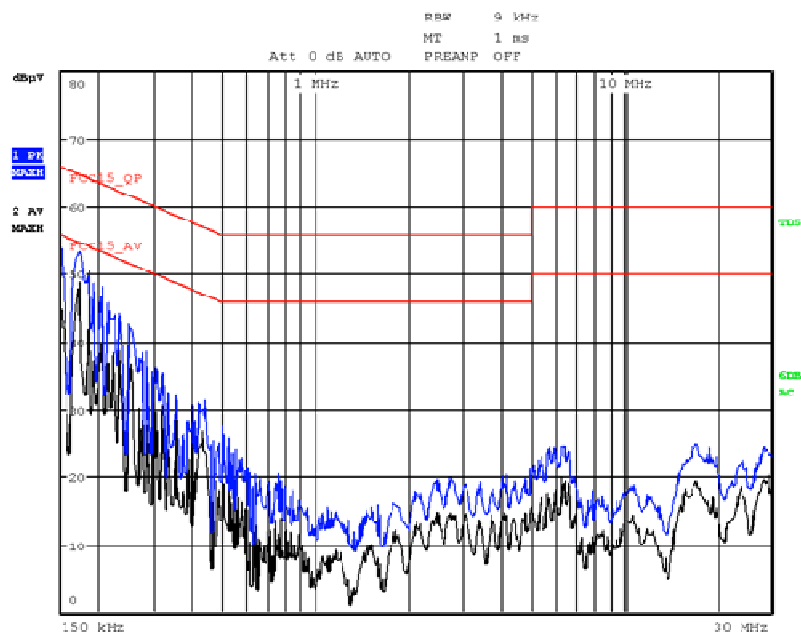


# **Appendix 1**

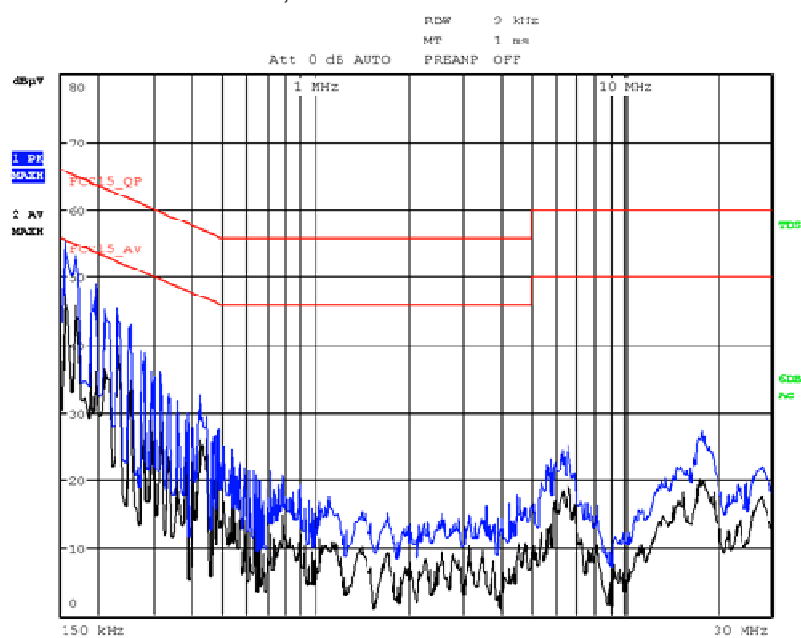
## **Test Results**

## AC Mains Conducted Emission

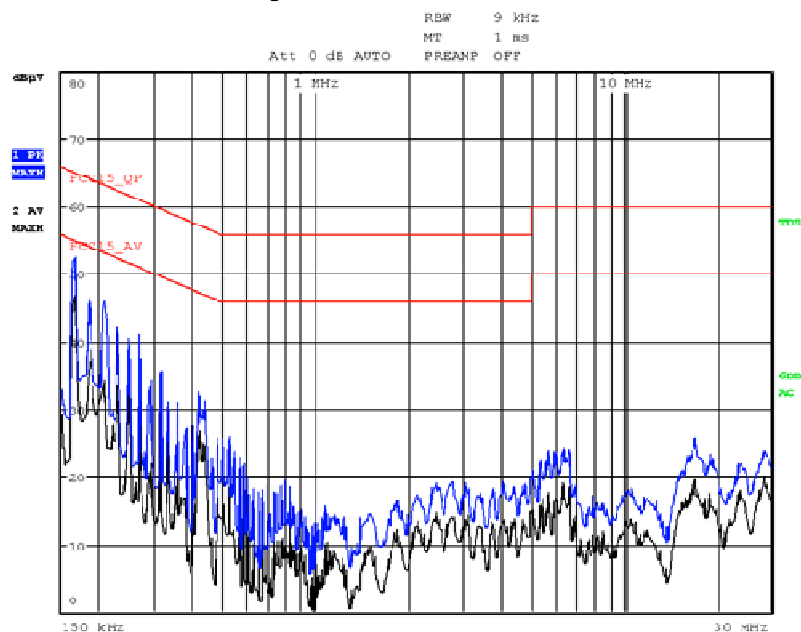
Mode: TX mode 802.11b; Line: L1



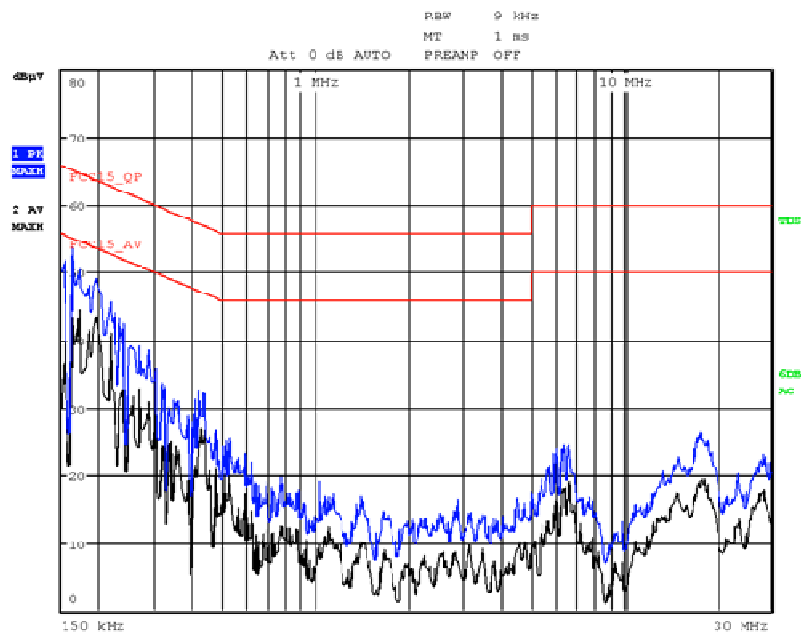
Mode: TX mode 802.11b; Line: N



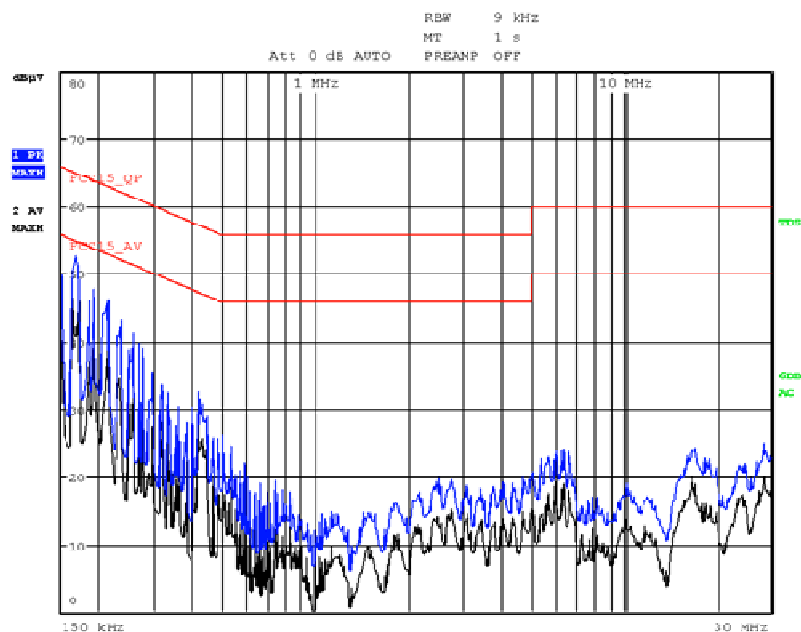
Mode: TX mode 802.11g; Line: L1



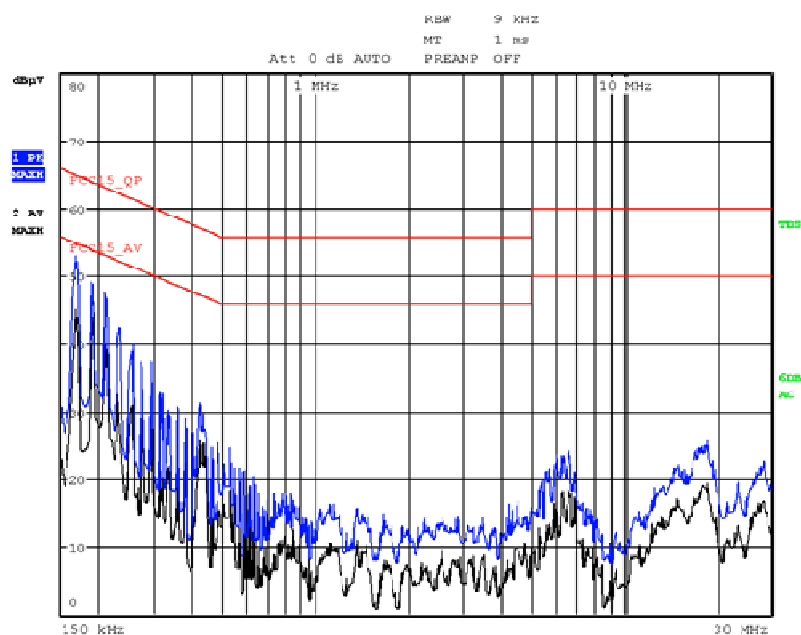
Mode: TX mode 802.11g; Line: N



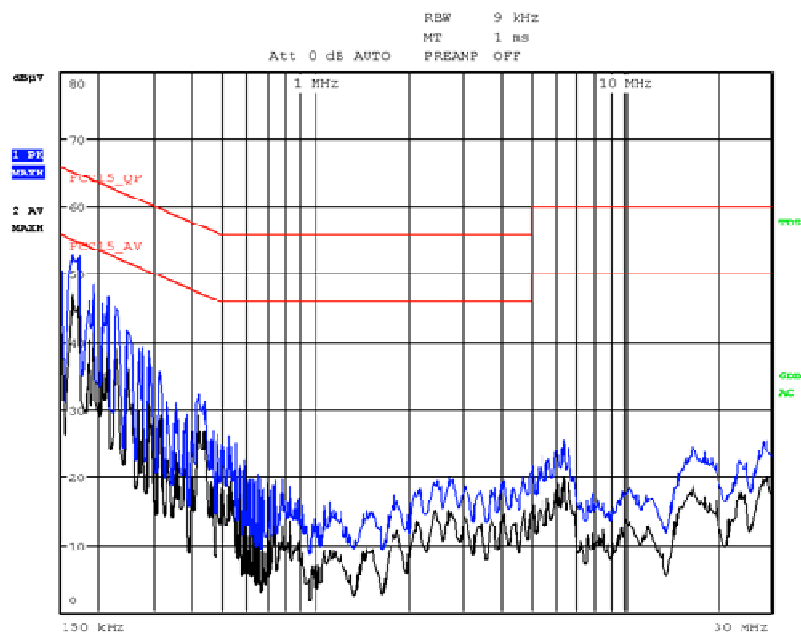
Mode: TX mode 802.11n20; Line: L1



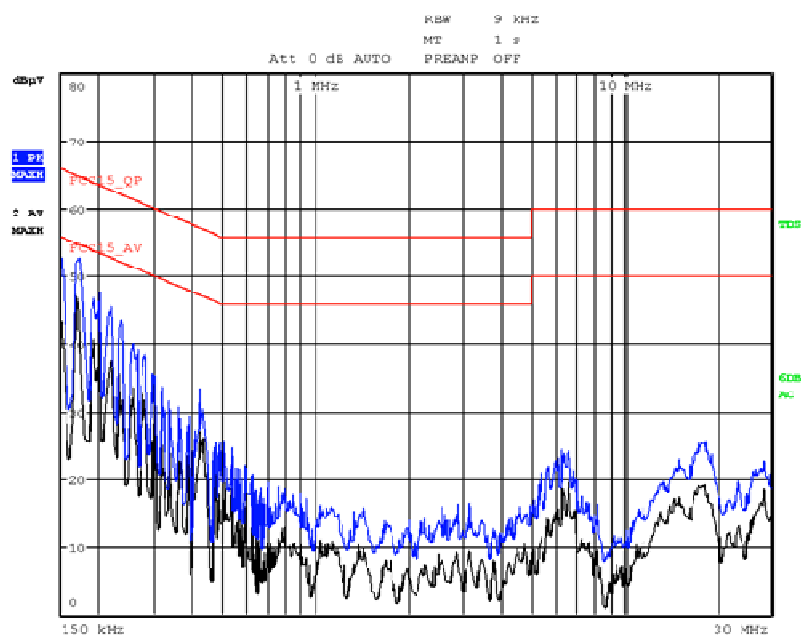
Mode: TX mode 802.11n20; Line: N



Mode: TX mode 802.11n40; Line: L1

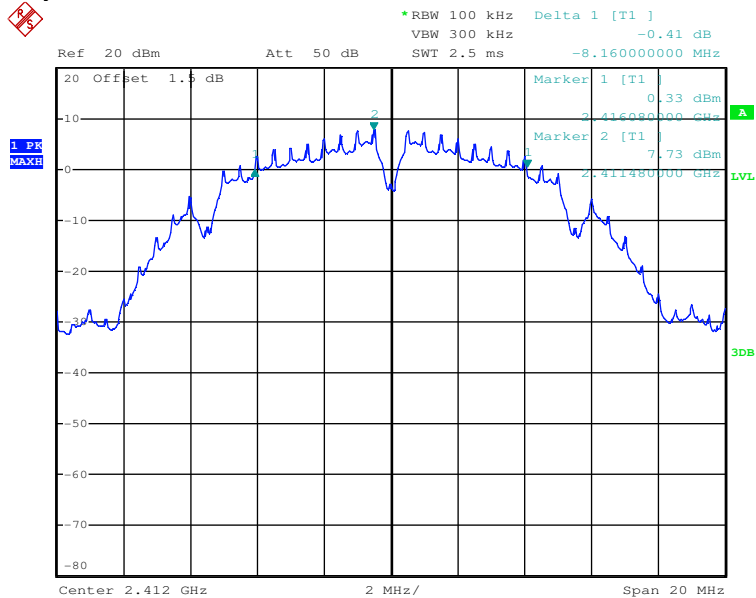


Mode: TX mode 802.11n40; Line: N



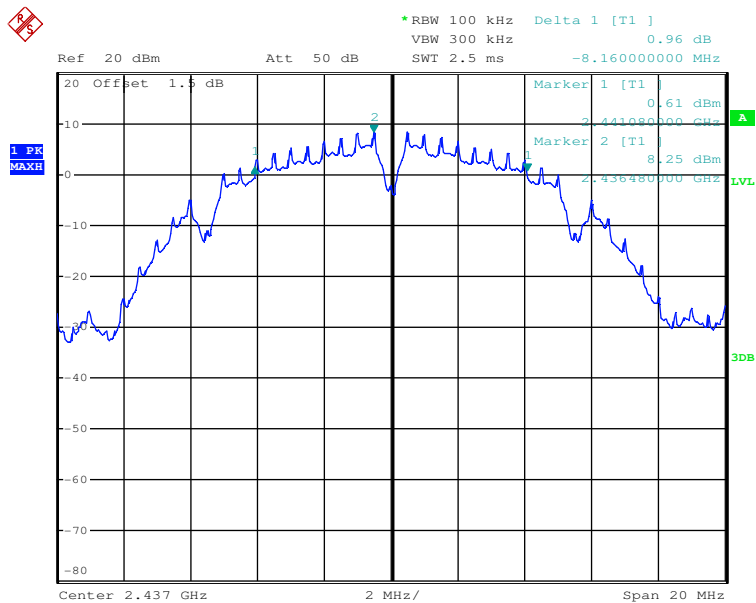
## 6 dB Bandwidth Measurement

802.11b TX frequency: 2412MHz



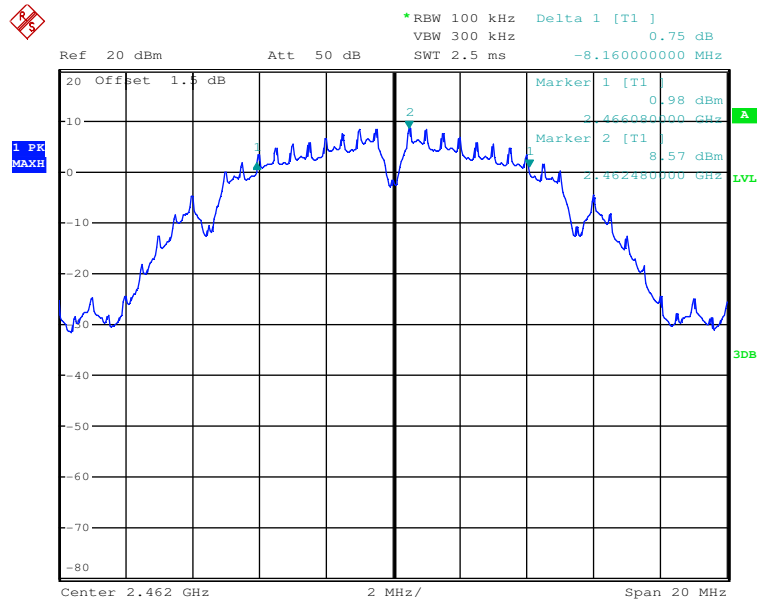
Date: 11.AUG.2016 16:35:15

802.11b TX frequency: 2437MHz



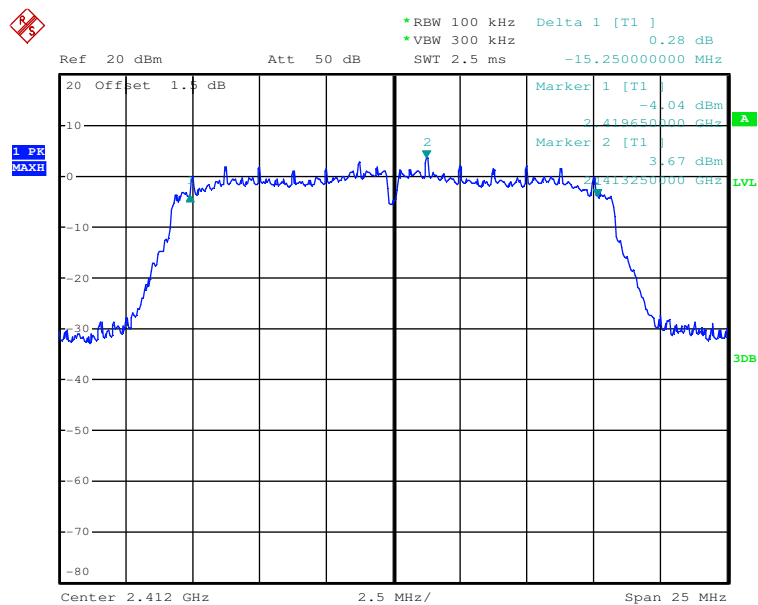
Date: 11.AUG.2016 16:33:12

802.11b TX frequency: 2462MHz



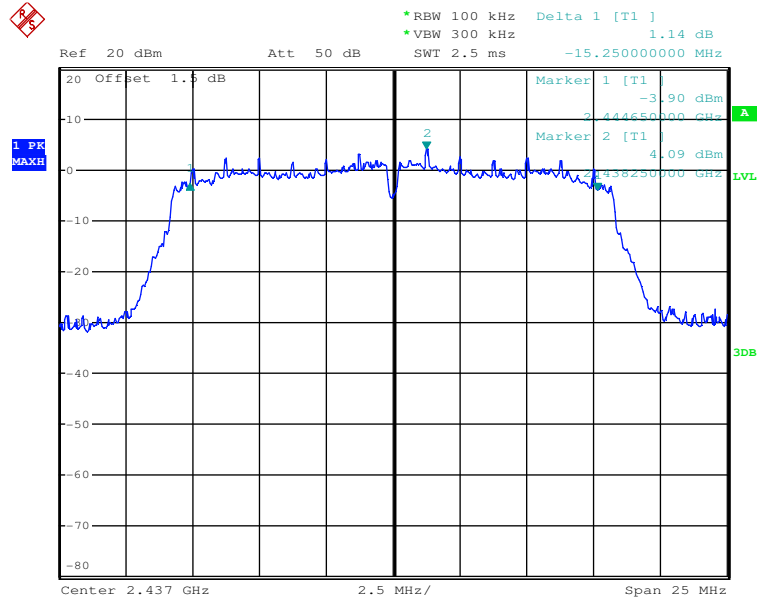
Date: 11.AUG.2016 16:30:45

802.11g TX frequency: 2412MHz



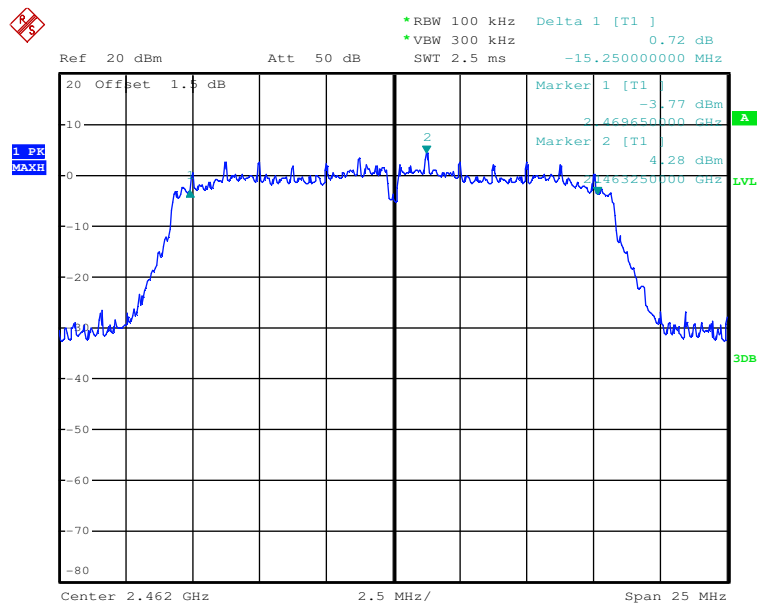
Date: 11.AUG.2016 17:30:39

802.11g TX frequency: 2437MHz



Date: 11.AUG.2016 17:33:28

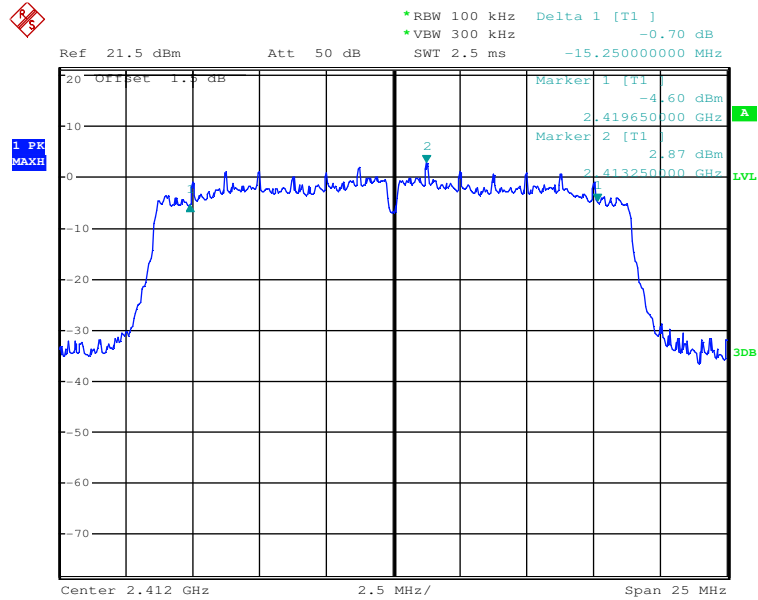
802.11g TX frequency: 2462MHz



Date: 11.AUG.2016 17:35:03

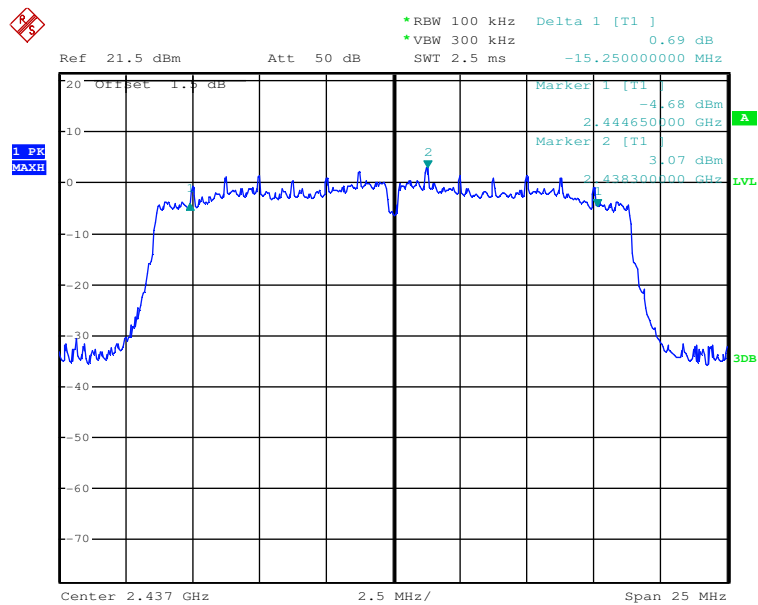


802.11n20 TX frequency: 2412MHz



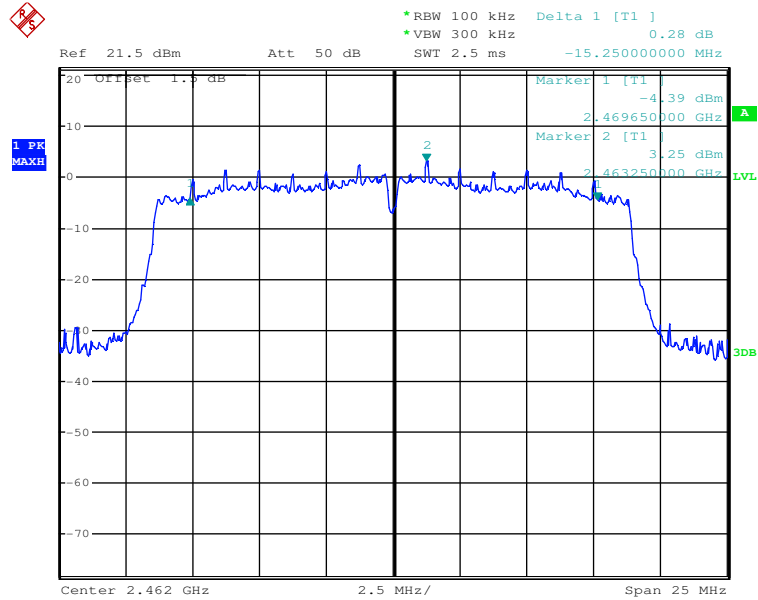
Date: 12.AUG.2016 09:58:26

802.11n20 TX frequency: 2437MHz



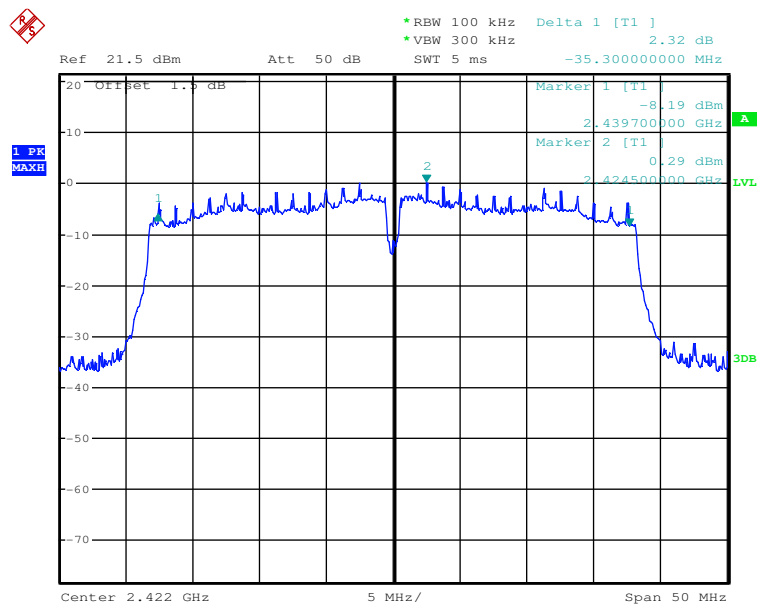
Date: 12.AUG.2016 10:00:11

802.11n20 TX frequency: 2462MHz



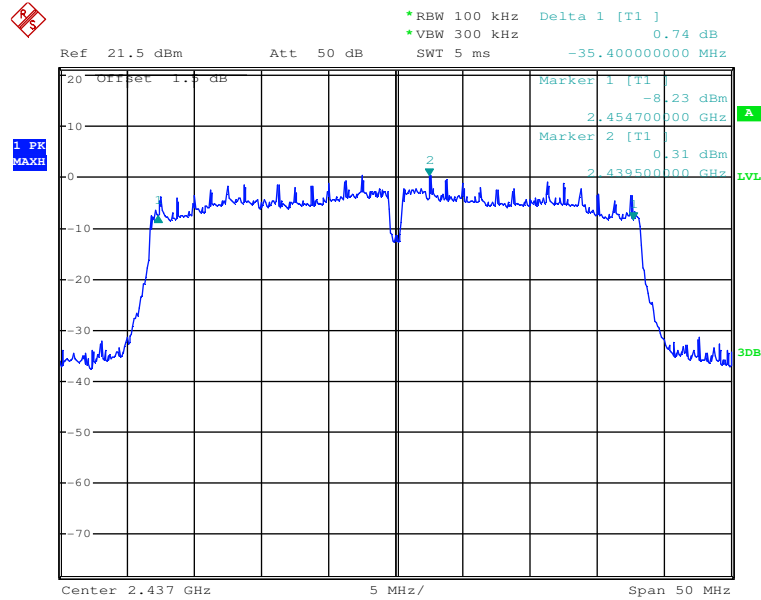
Date: 12.AUG.2016 10:01:37

802.11n40 TX frequency: 2422MHz



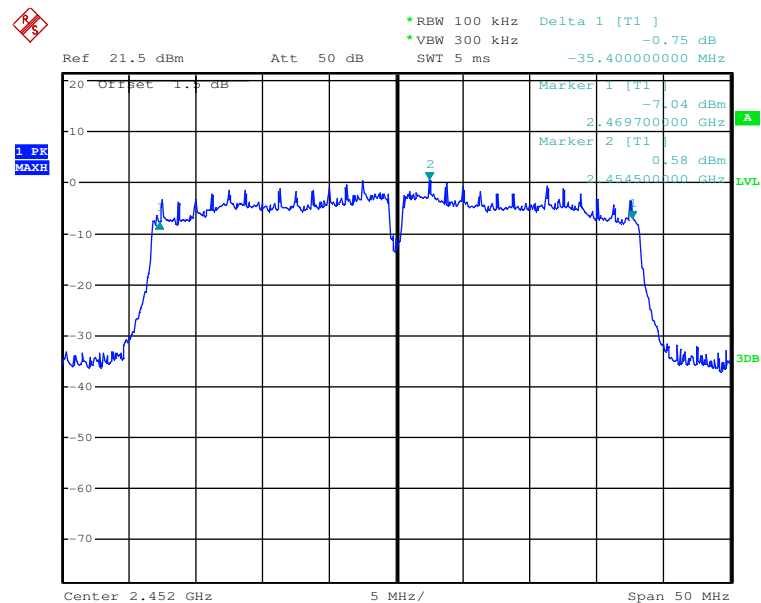
Date: 12.AUG.2016 09:10:58

802.11n40 TX frequency: 2437MHz



Date: 12.AUG.2016 09:12:28

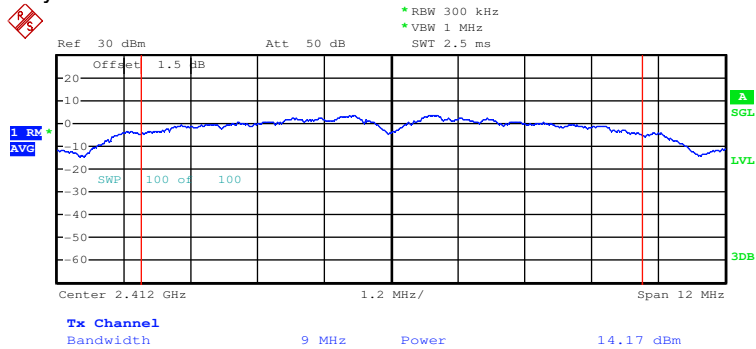
802.11n40 TX frequency: 2452MHz



Date: 12.AUG.2016 09:14:01

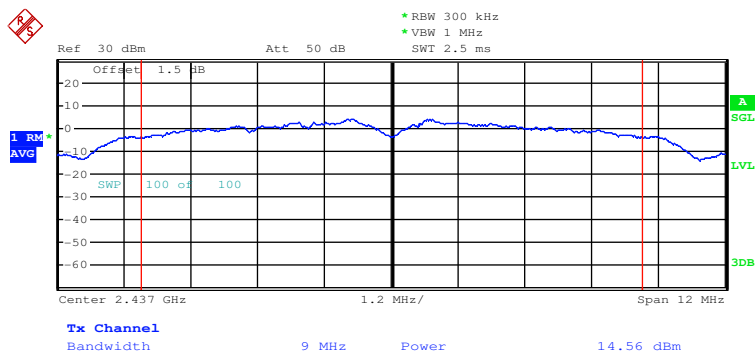
## Maximum Conducted (Average) Output power

802.11b TX frequency: 2412MHz



Date: 13.SEP.2016 10:28:49

802.11b TX frequency: 2437MHz



Date: 13.SEP.2016 10:30:36

Ref 30 dBm Att 50 dB RBW 300 kHz VBW 1 MHz SWT 2.5 ms

OffSet 1.5 dB

1 RBM AVG

A SGL LVL 3DB

Center 2.462 GHz 1.2 MHz/ Span 12 MHz

Tx Channel Bandwidth 9 MHz Power 14.98 dBm

Ref 30 dBm Att 50 dB

Offset 1.5 Hz

Center 2.412 GHz

Span 23 MHz

1 RBW

AVG

SWP 100

100

2.3 MHz/

12.43 dBm

16 MHz

Power

Bandwidth

Tx Channel

3dB

LVL

SGL

A

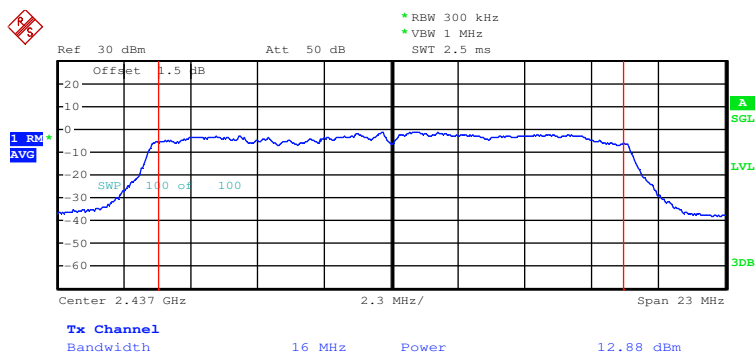
300 kHz RBW

1 MHz VBW

2.5 ms SWT

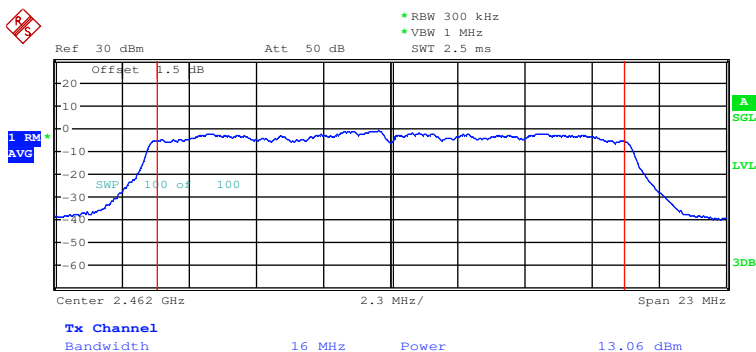
Page 13 of 59

802.11g TX frequency: 2437MHz



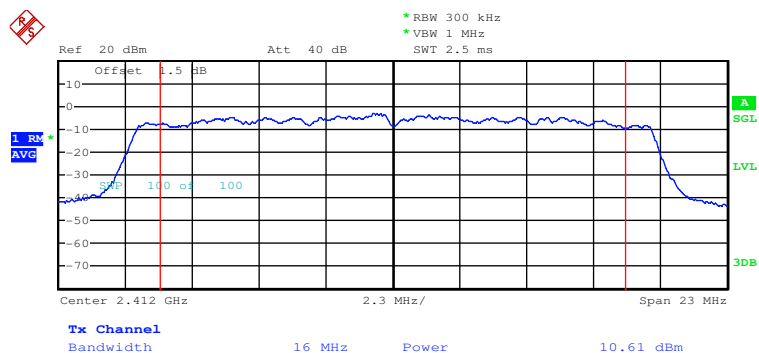
Date: 13.SEP.2016 11:04:18

802.11g TX frequency: 2462MHz



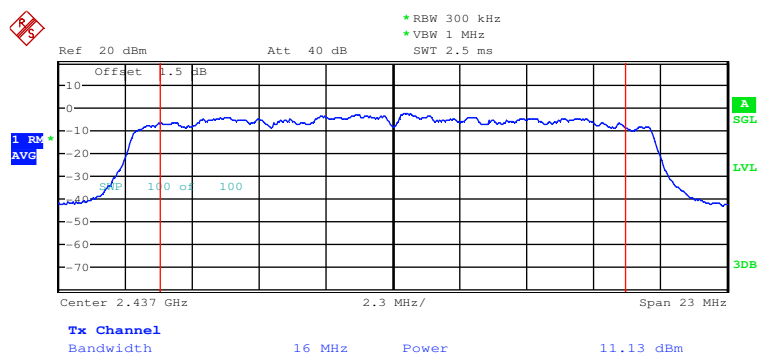
Date: 13.SEP.2016 11:04:57

802.11n20 TX frequency: 2412MHz



Date: 13.SEP.2016 11:24:06

802.11n20 TX frequency: 2437MHz



Date: 13.SEP.2016 11:25:29

[illegible]

Ref 20 dBm Att 40 dB  
 \*REW 1 MHz  
 \*VBW 3 MHz  
 SWT 2.5 ms

Offset 1.5 dB  
 SWP 100 of 100

1 BW  
 AVG

A SGL  
 LVL  
 3DB

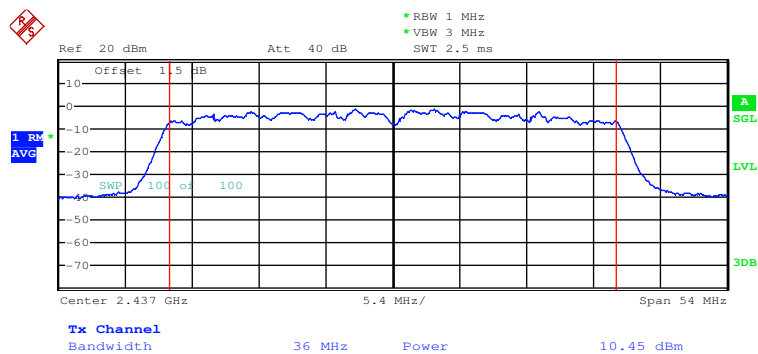
Center 2.422 GHz 5.4 MHz/ Span 54 MHz

Tx Channel  
 Bandwidth 36 MHz Power 10.23 dBm

Page 16 of 59

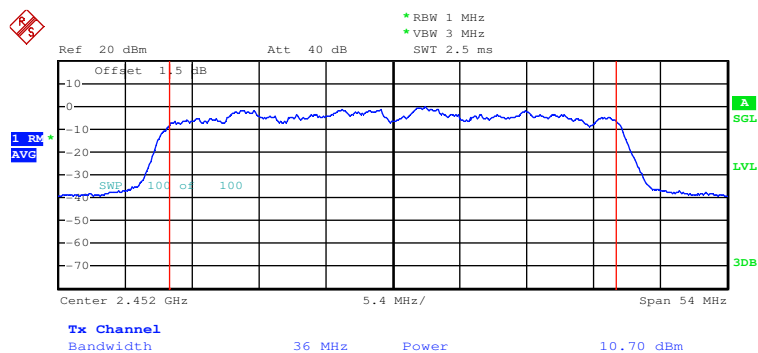


802.11n40 TX frequency: 2437MHz



Date: 13.SEP.2016 11:31:25

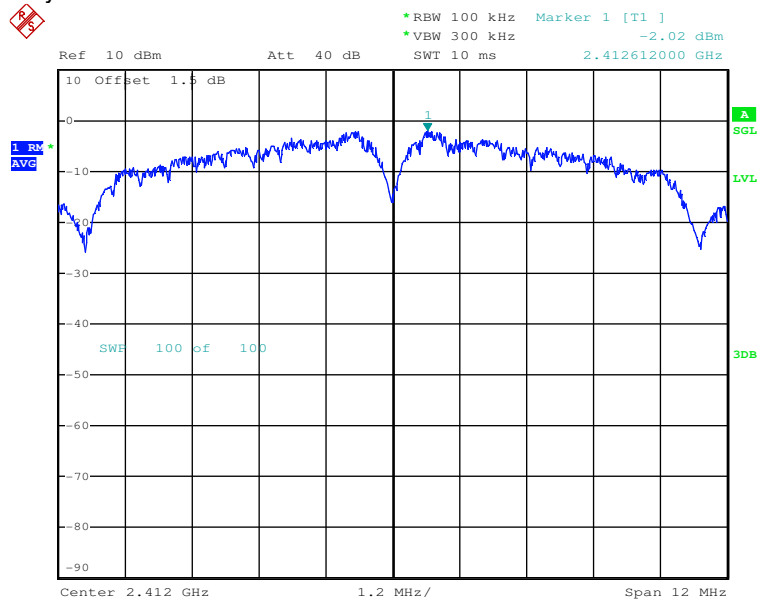
802.11n40 TX frequency: 2452MHz



Date: 13.SEP.2016 11:32:07

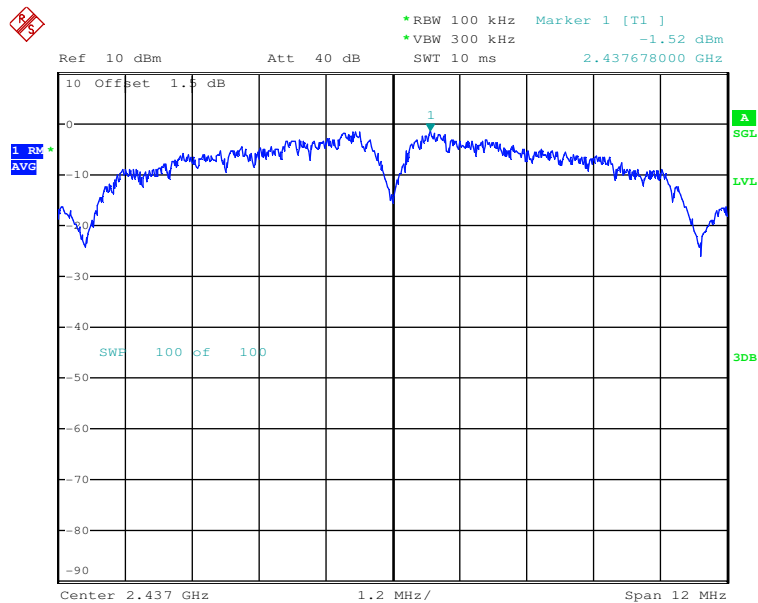
## Power Spectral Density

802.11b TX frequency: 2412MHz



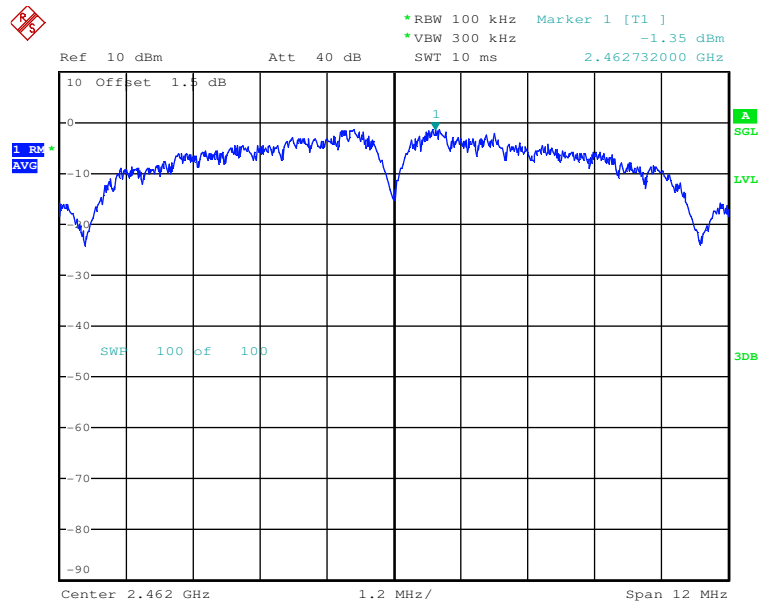
Date: 13.SEP.2016 11:49:01

802.11b TX frequency: 2437MHz



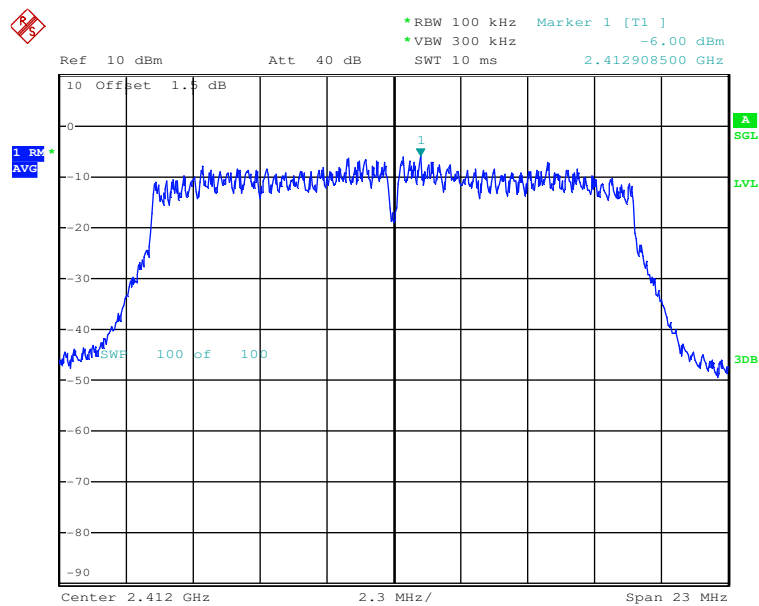
Date: 13.SEP.2016 11:54:41

802.11b TX frequency: 2462MHz



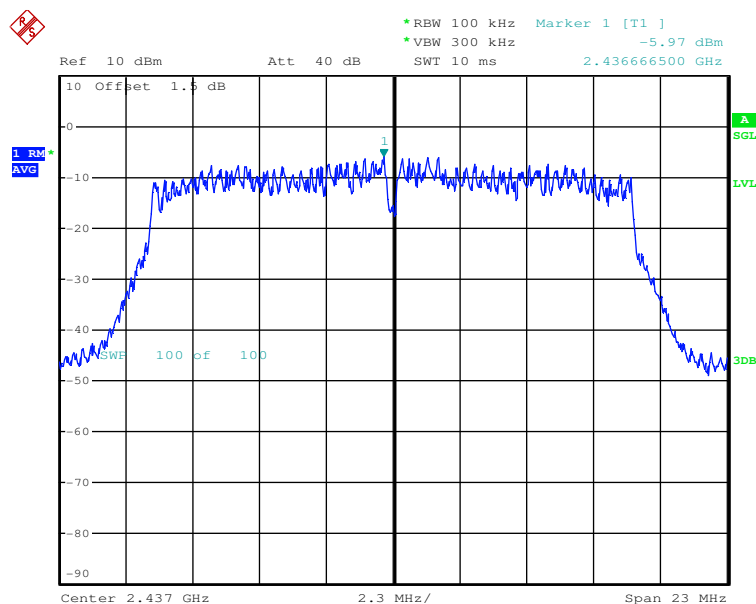
Date: 13.SEP.2016 11:55:07

802.11g TX frequency: 2412MHz



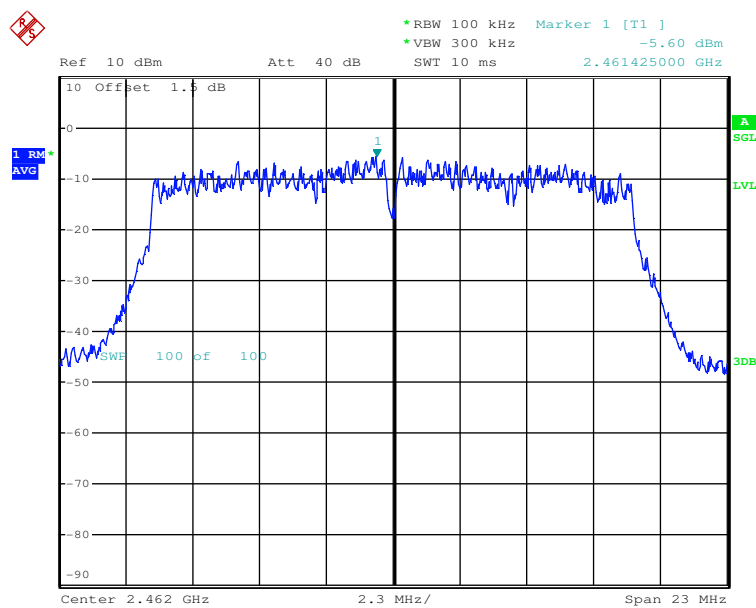
Date: 13.SEP.2016 11:46:51

802.11g TX frequency: 2437MHz



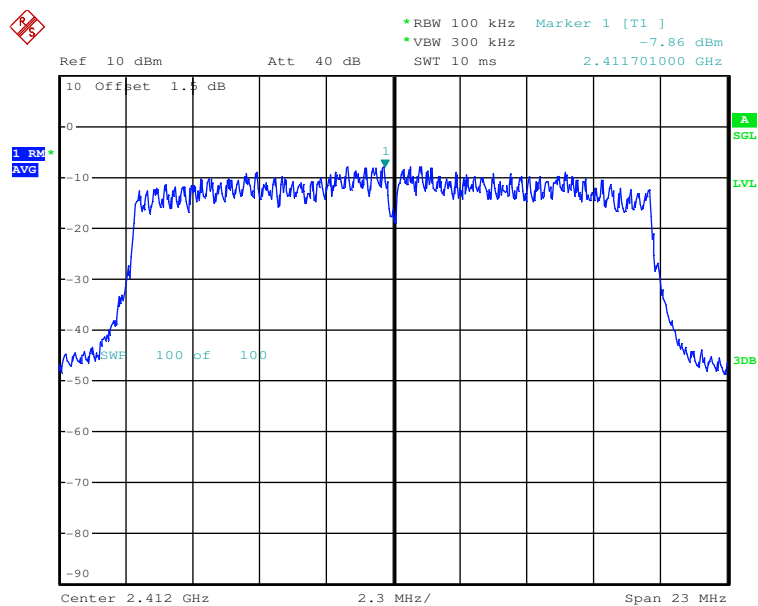
Date: 13.SEP.2016 11:47:20

802.11g TX frequency: 2462MHz



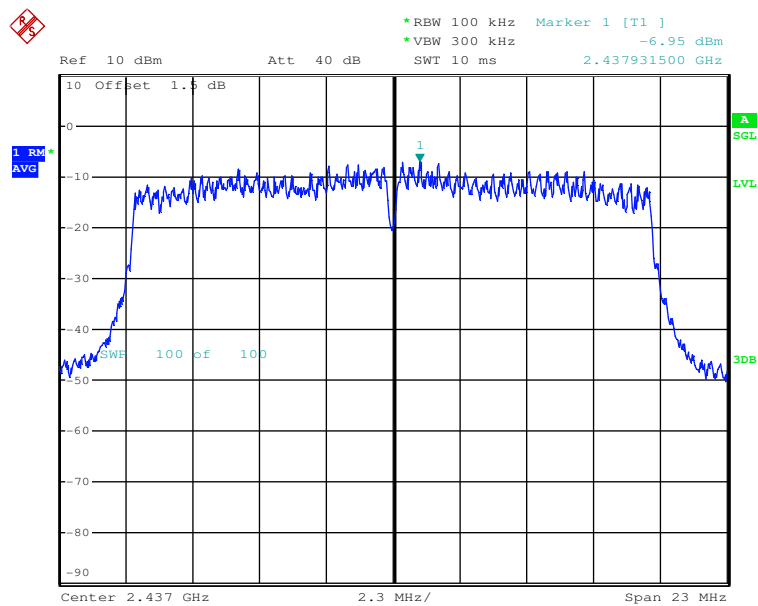
Date: 13.SEP.2016 11:47:59

802.11n20 TX frequency: 2412MHz



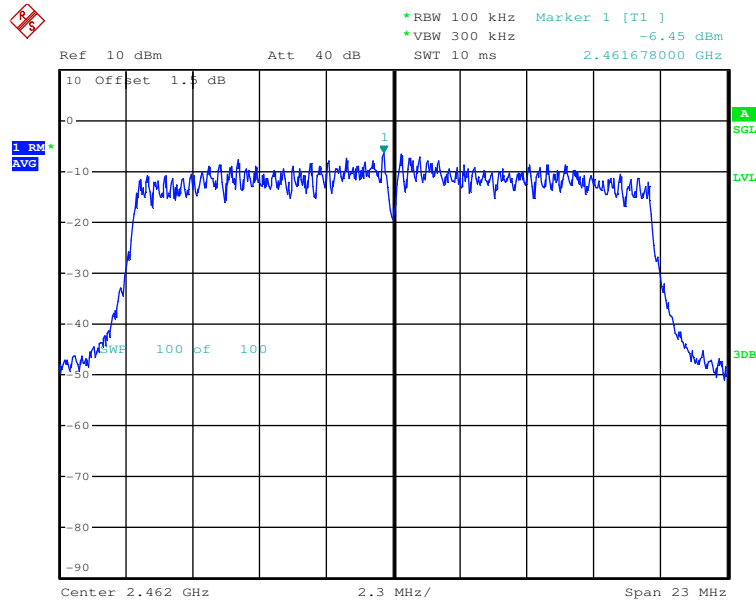
Date: 13.SEP.2016 11:44:47

802.11n20 TX frequency: 2437MHz



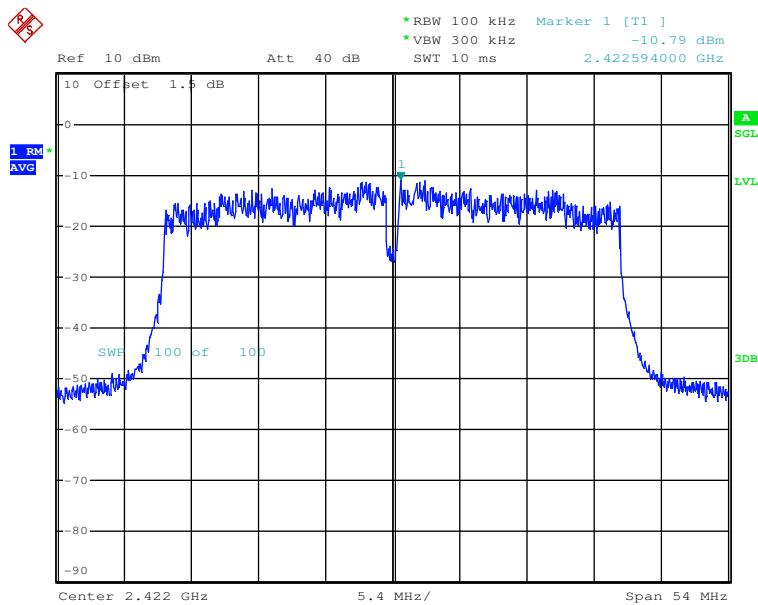
Date: 13.SEP.2016 11:45:17

802.11n20 TX frequency: 2462MHz



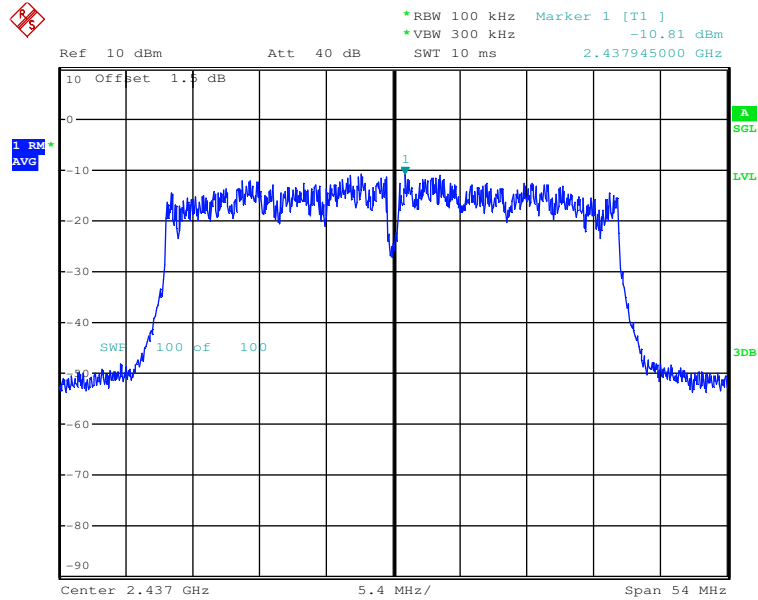
Date: 13.SEP.2016 11:46:05

802.11n40 TX frequency: 2422MHz



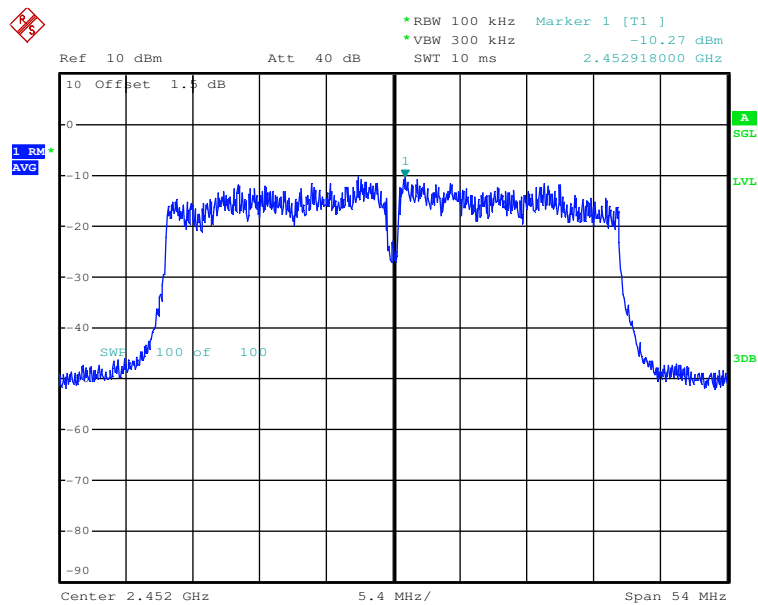
Date: 13.SEP.2016 11:43:10

802.11n40 TX frequency: 2437MHz



Date: 13.SEP.2016 11:42:37

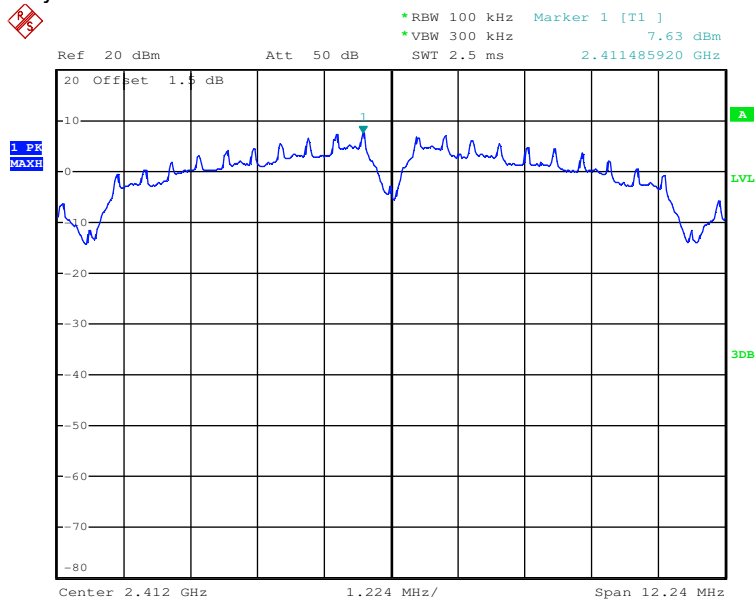
802.11n40 TX frequency: 2452MHz



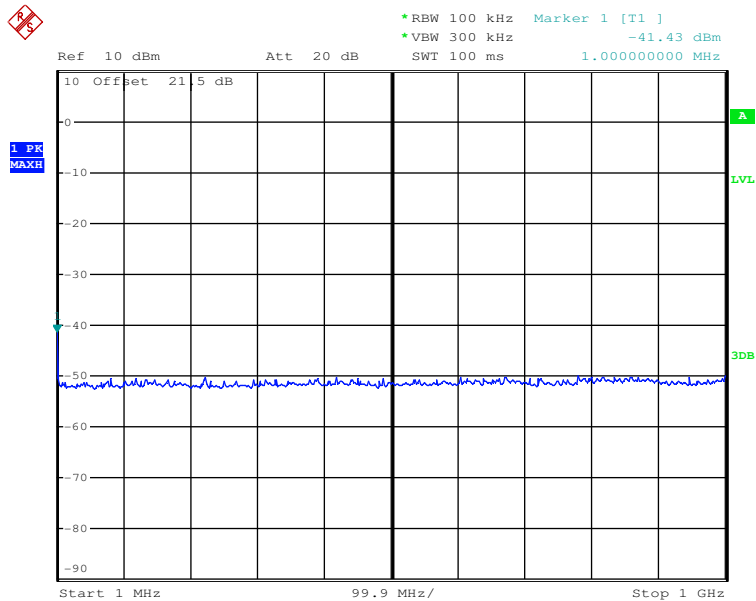
Date: 13.SEP.2016 11:41:39

## Spurious Conducted Emissions

802.11b TX frequency: 2412MHz

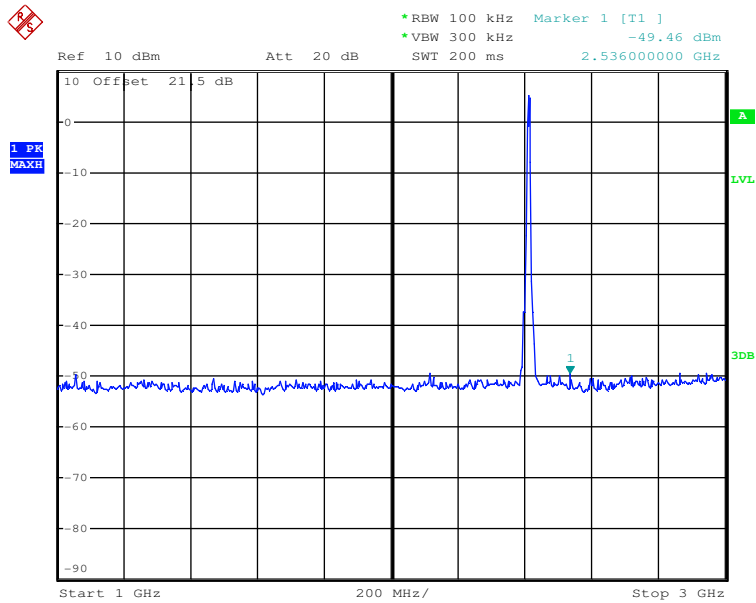


Date: 11.AUG.2016 16:40:50

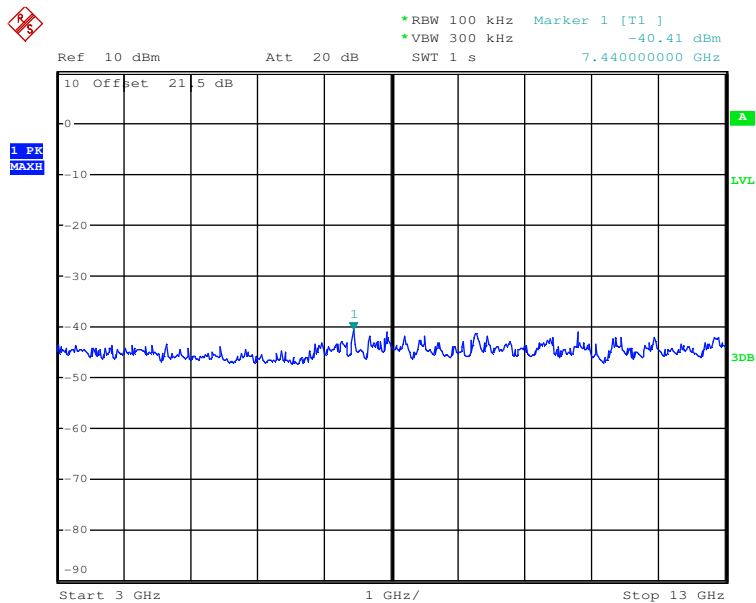


Date: 13.SEP.2016 14:18:01

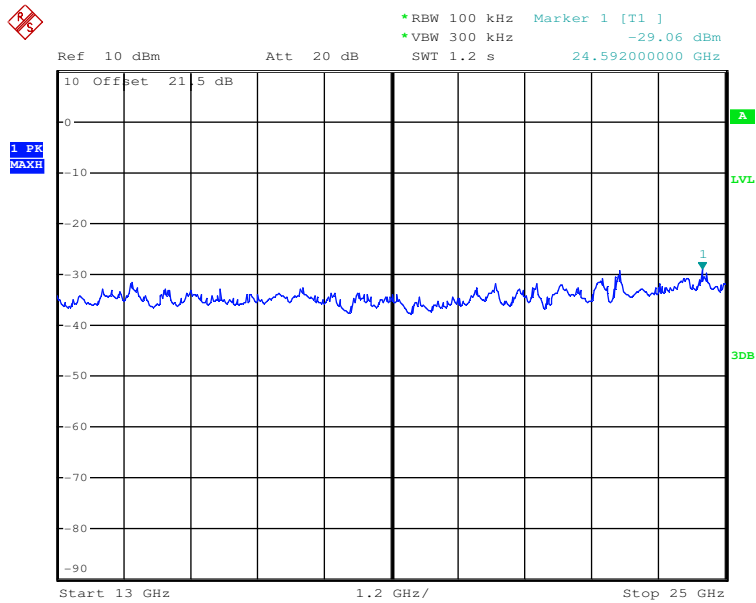




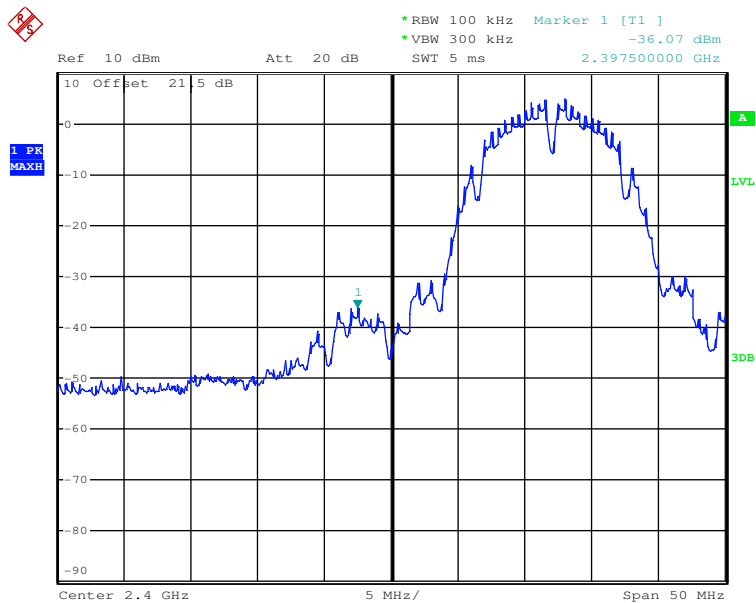
Date: 13.SEP.2016 14:19:10



Date: 13.SEP.2016 14:19:38

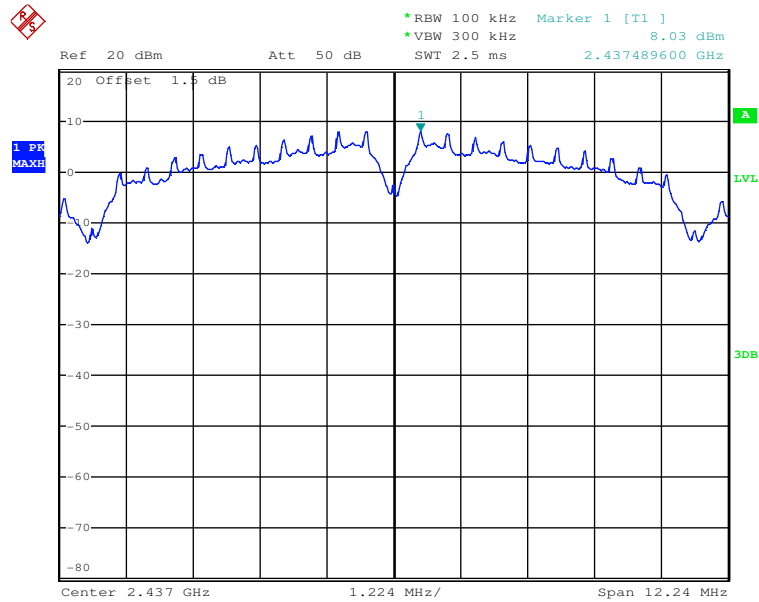


Date: 13.SEP.2016 14:20:49

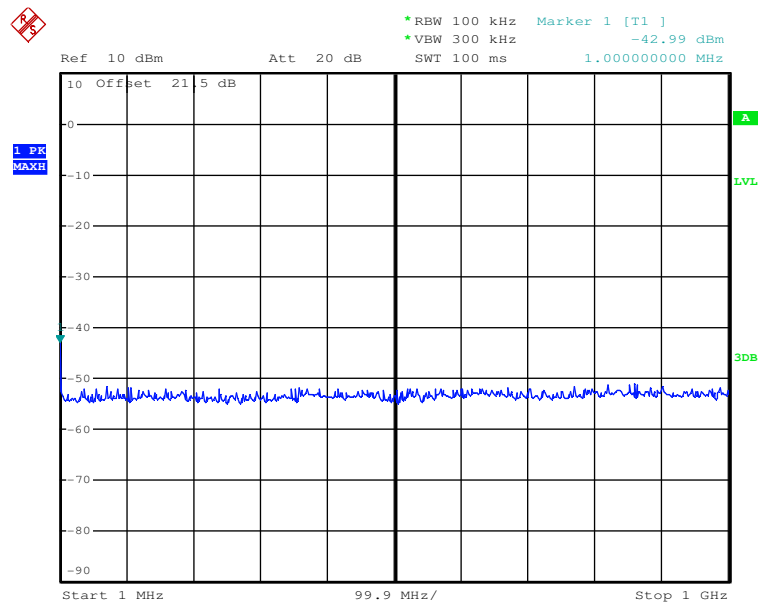


Date: 13.SEP.2016 13:44:19

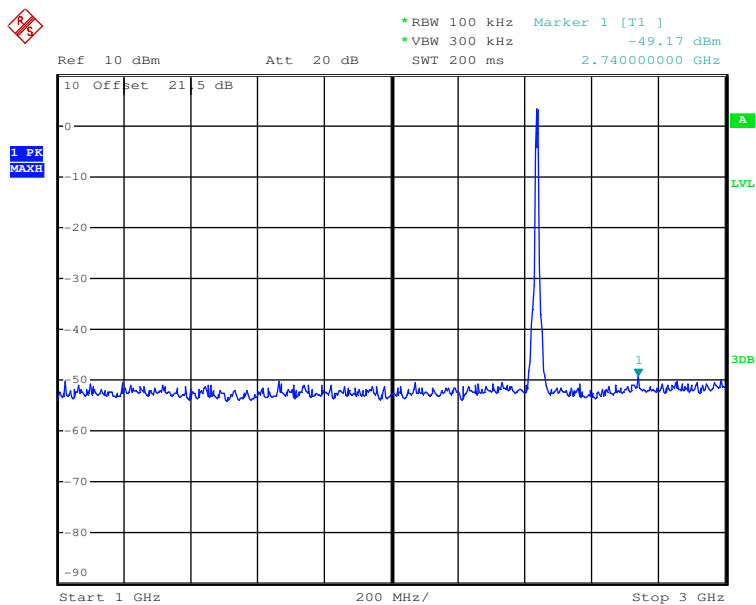
802.11b TX frequency: 2437MHz



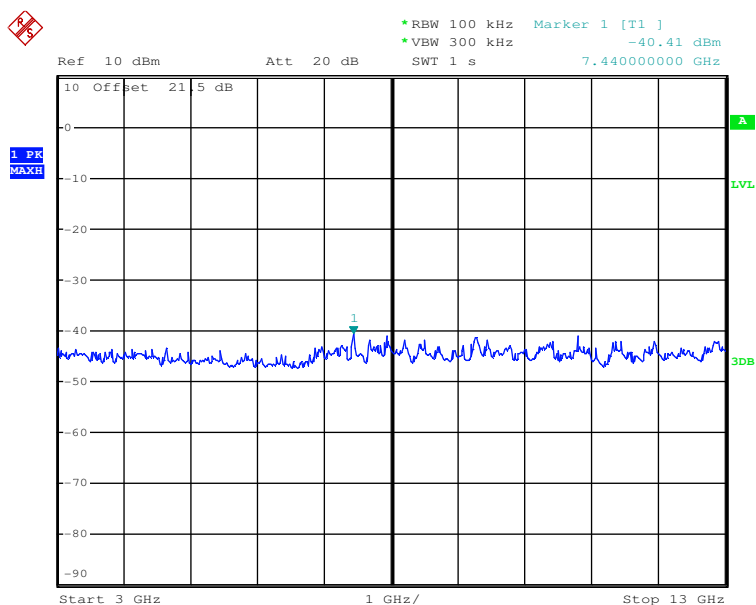
Date: 11.AUG.2016 16:41:29



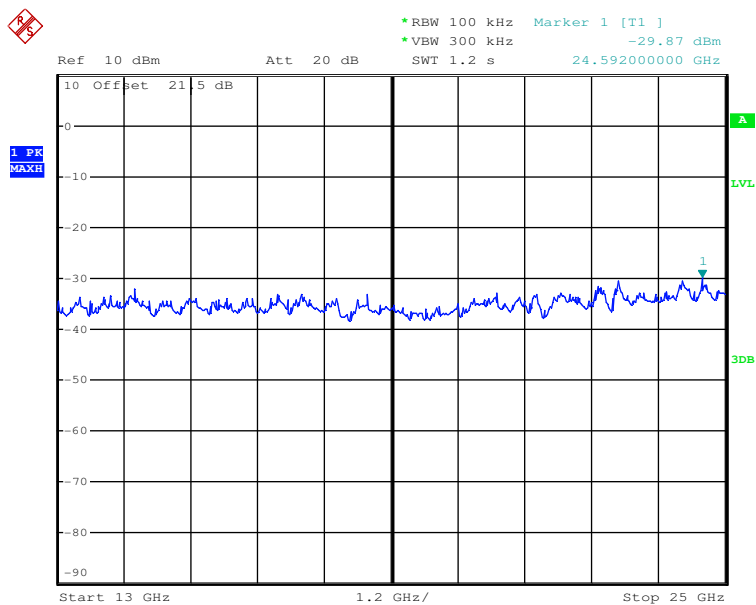
Date: 13.SEP.2016 14:21:25



Date: 13.SEP.2016 14:22:55

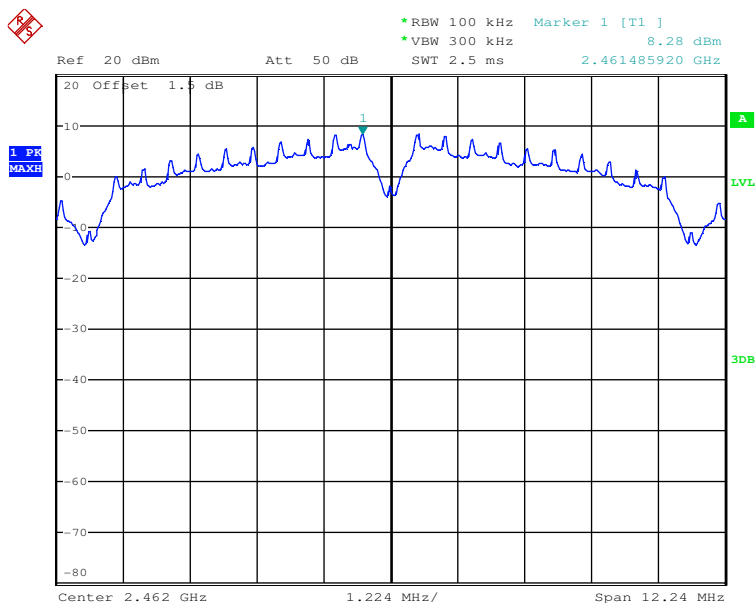


Date: 13.SEP.2016 14:19:38

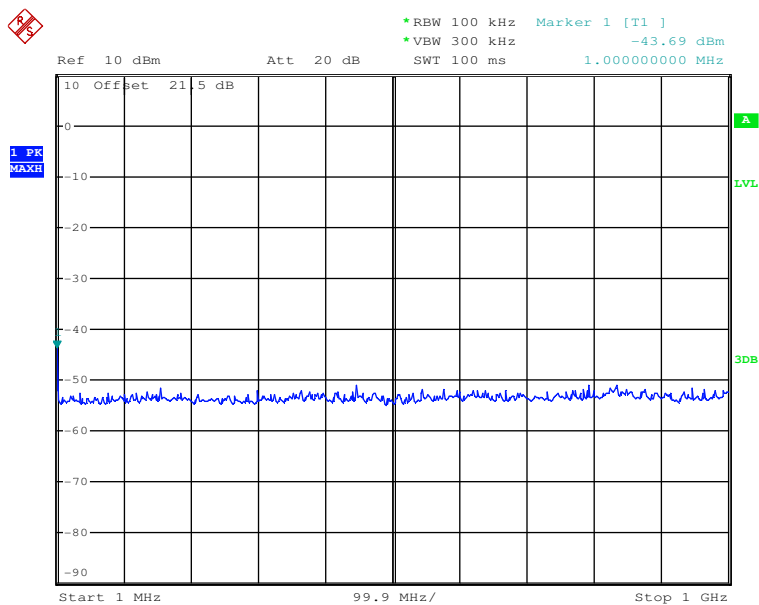


Date: 13.SEP.2016 14:26:16

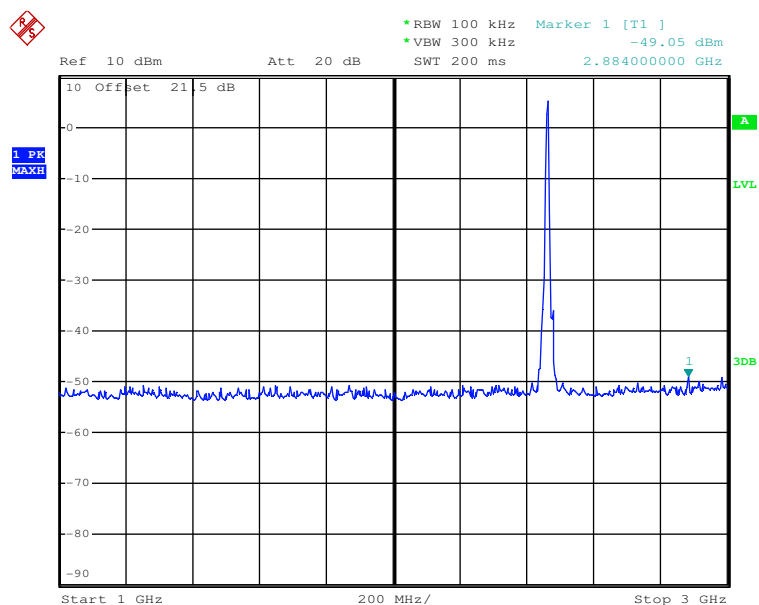
802.11b TX frequency: 2462MHz



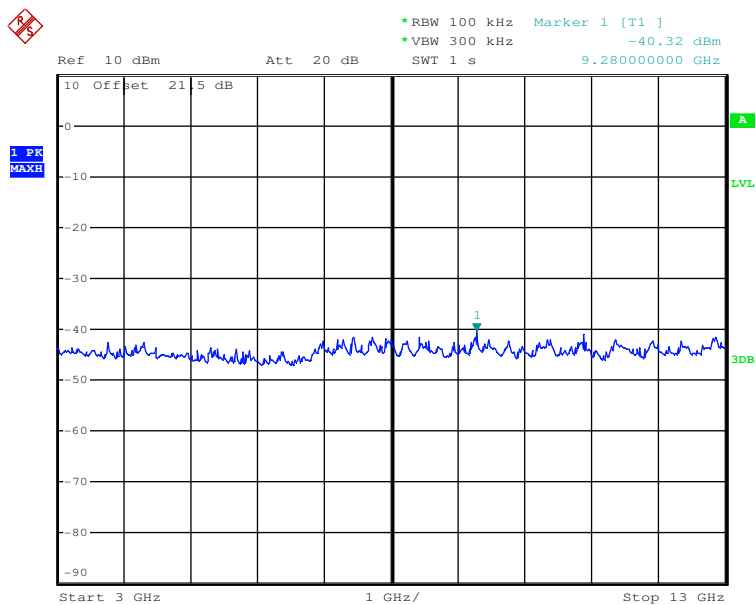
Date: 11.AUG.2016 16:45:17



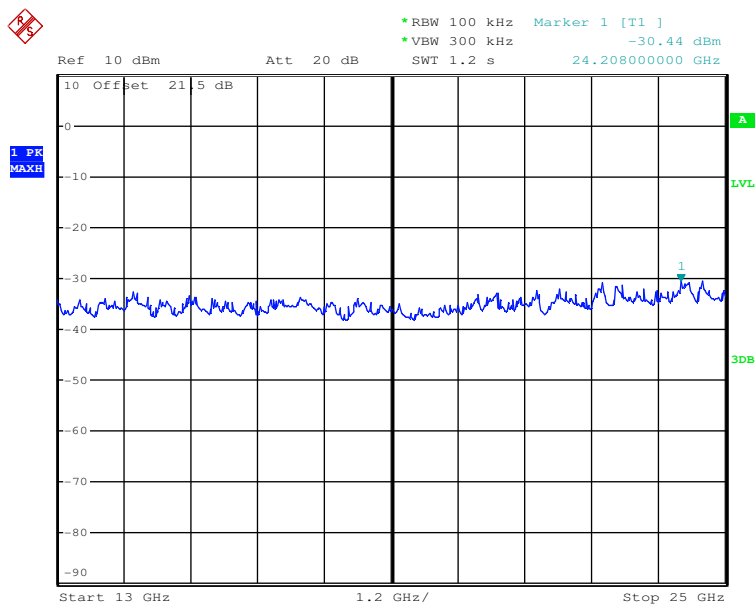
Date: 13.SEP.2016 14:26:46



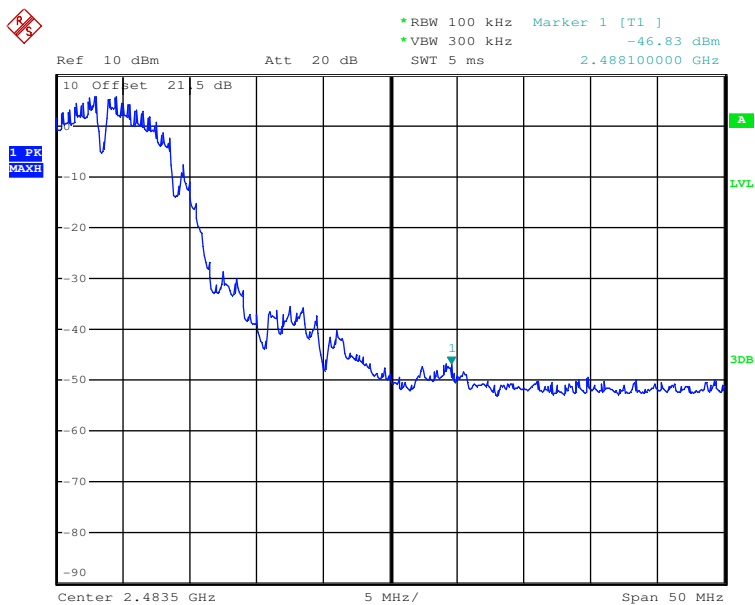
Date: 13.SEP.2016 14:27:18



Date: 13.SEP.2016 14:28:01



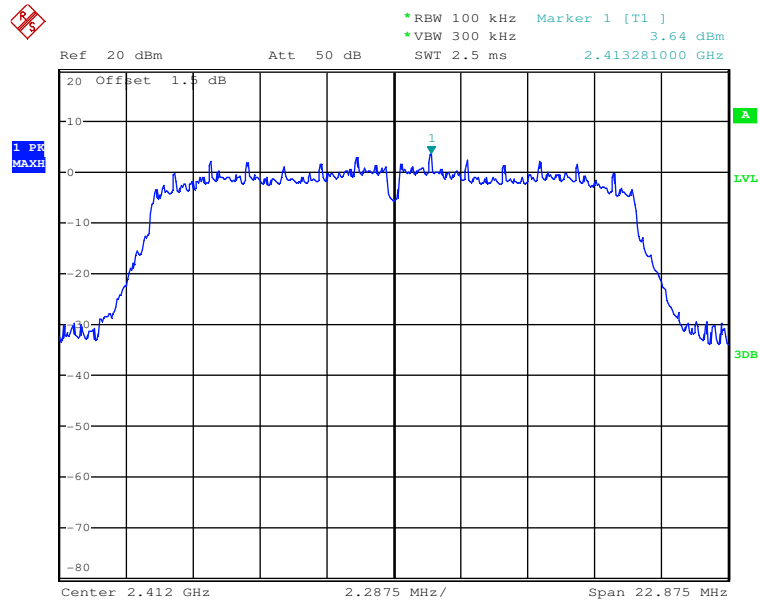
Date: 13.SEP.2016 14:28:24



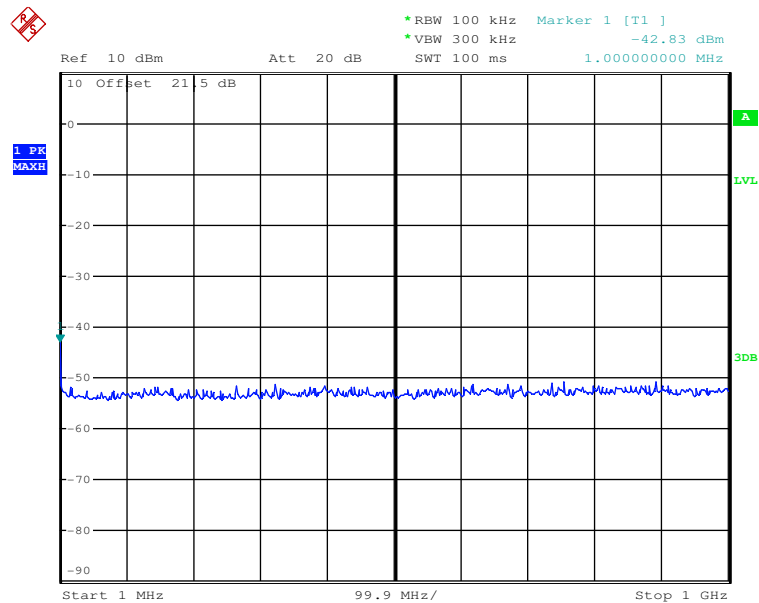
Date: 13.SEP.2016 14:29:21



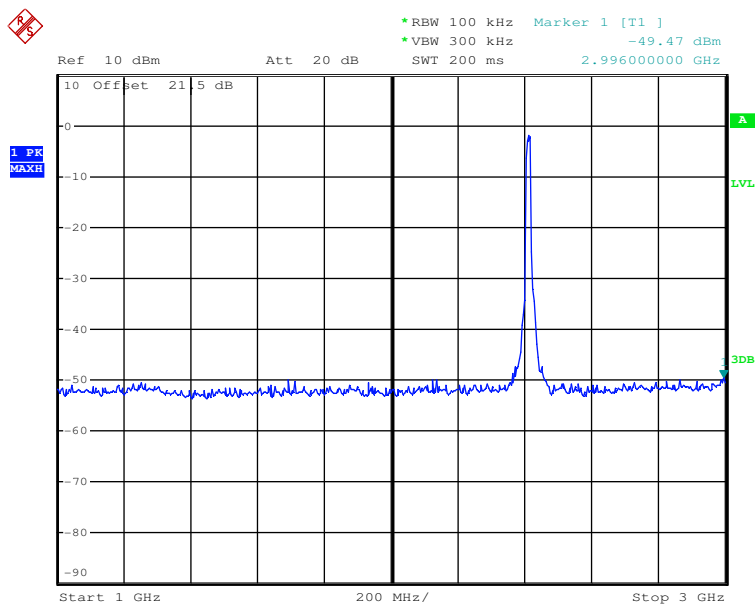
802.11g TX frequency: 2412MHz



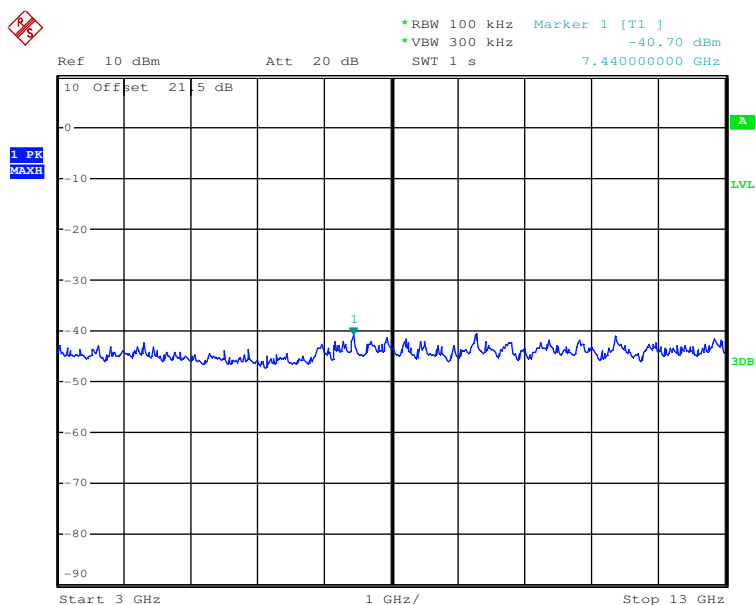
Date: 11.AUG.2016 17:40:39



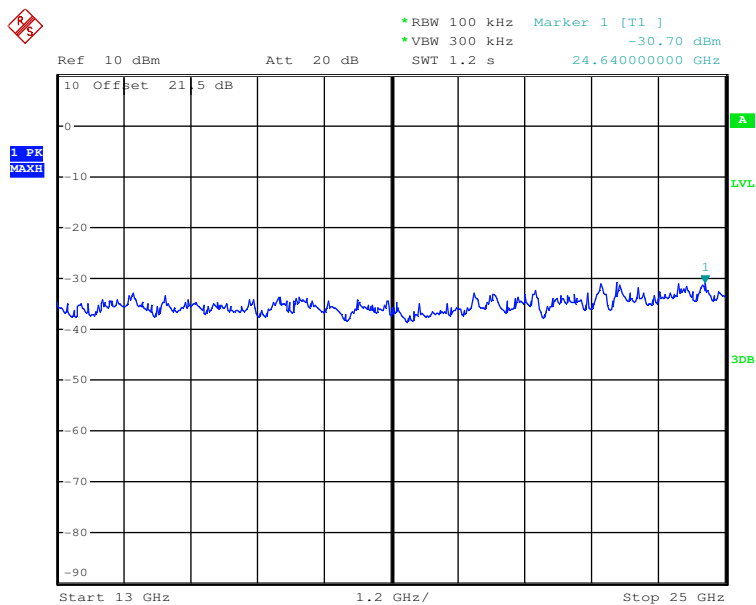
Date: 13.SEP.2016 14:31:19



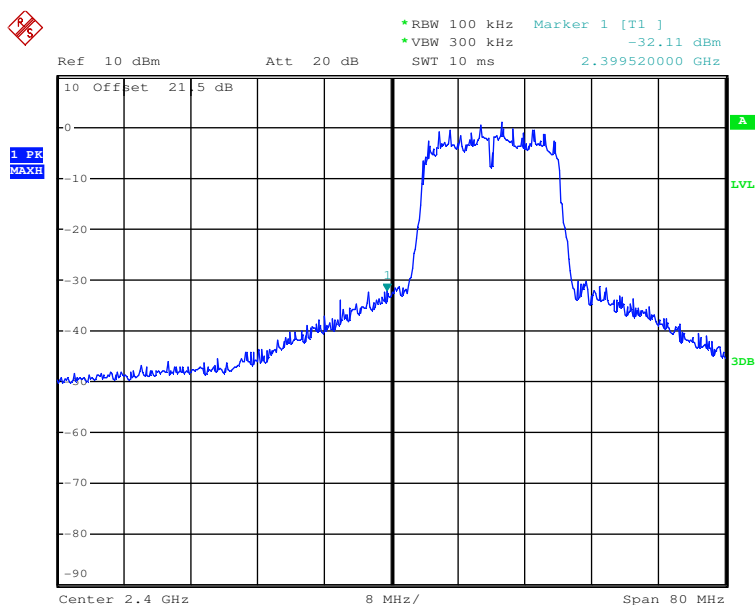
Date: 13.SEP.2016 14:32:21



Date: 13.SEP.2016 14:33:07

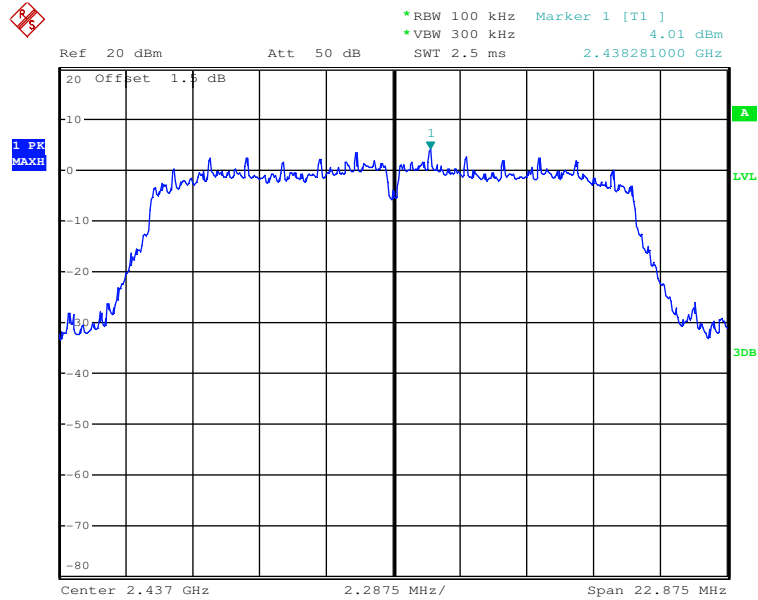


Date: 13.SEP.2016 14:35:02

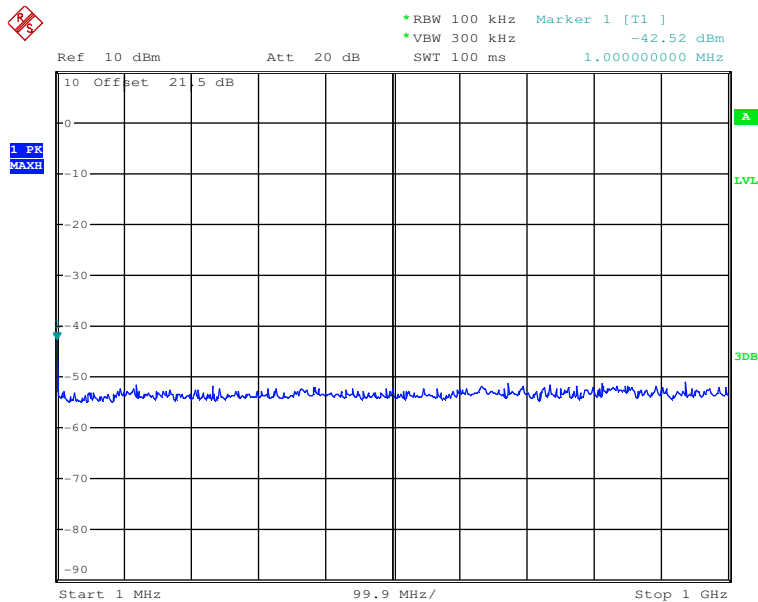


Date: 13.SEP.2016 14:36:24

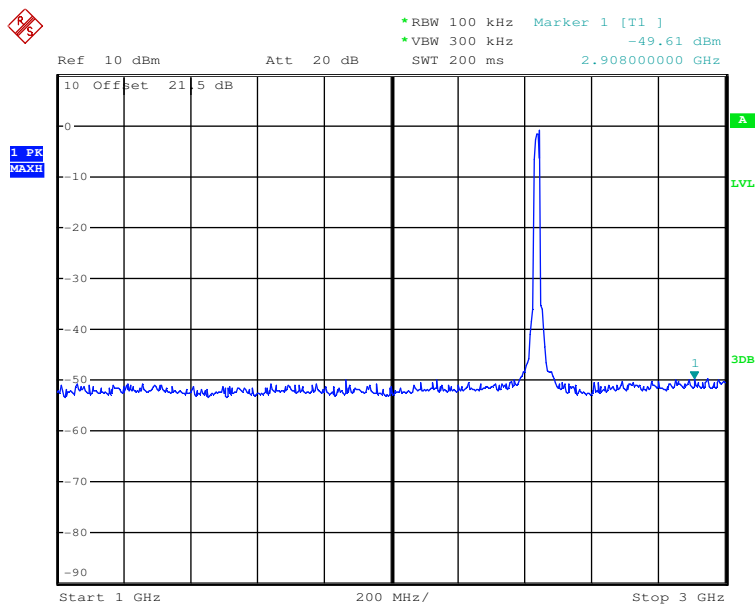
802.11g TX frequency: 2437MHz



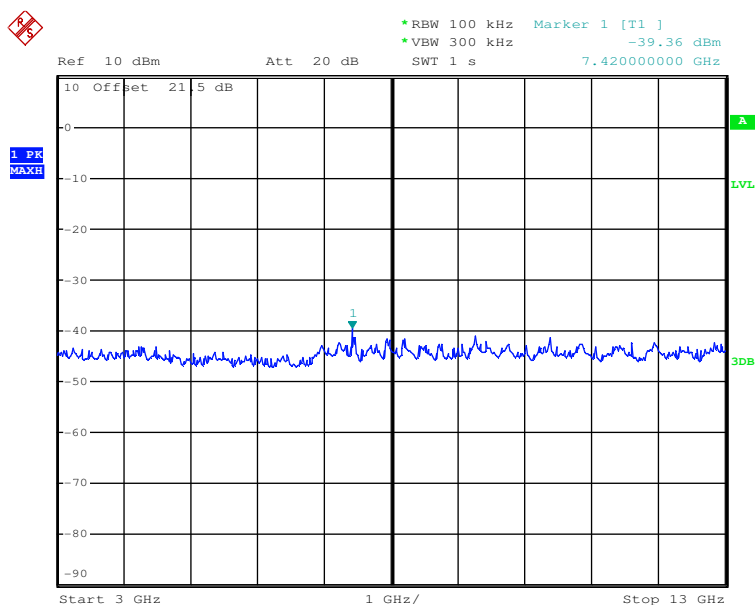
Date: 11.AUG.2016 17:39:26



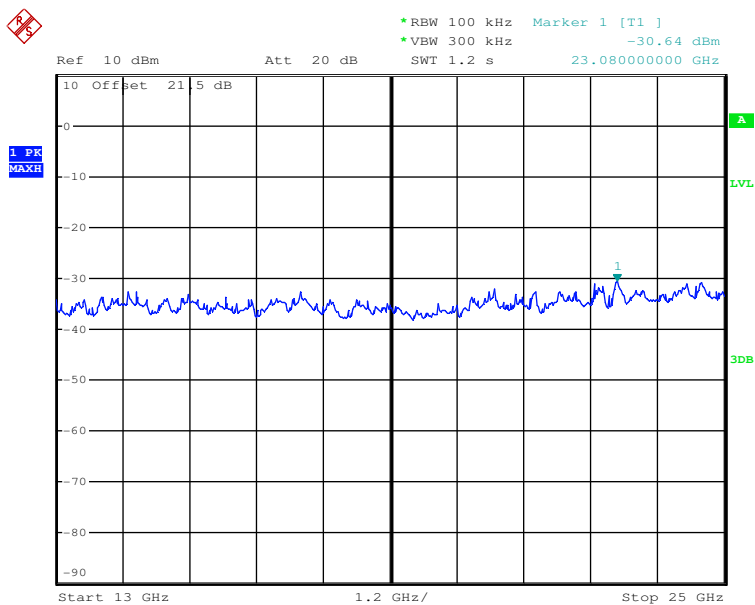
Date: 13.SEP.2016 14:36:52



Date: 13.SEP.2016 14:38:44

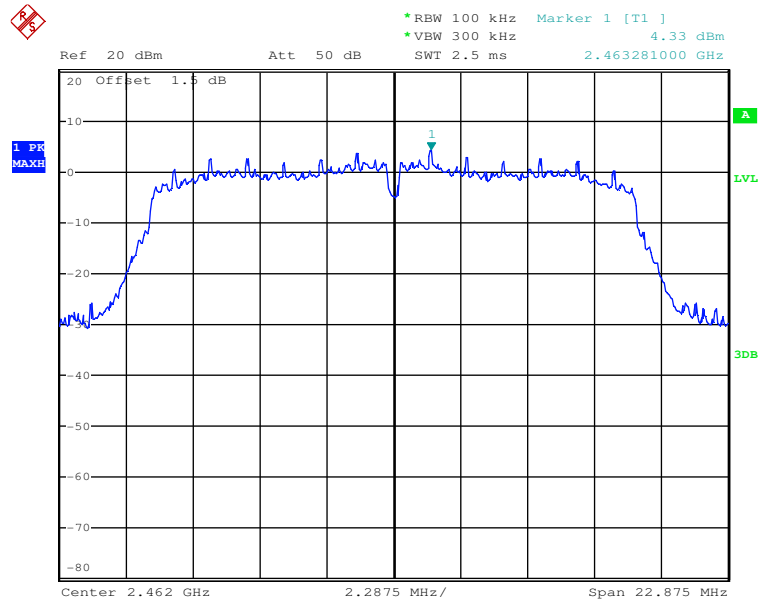


Date: 13.SEP.2016 14:39:14

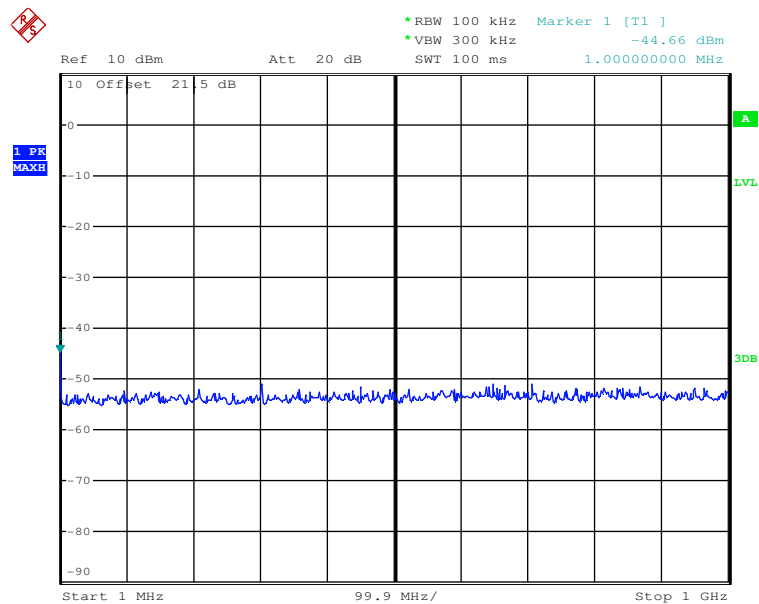


Date: 13.SEP.2016 14:39:41

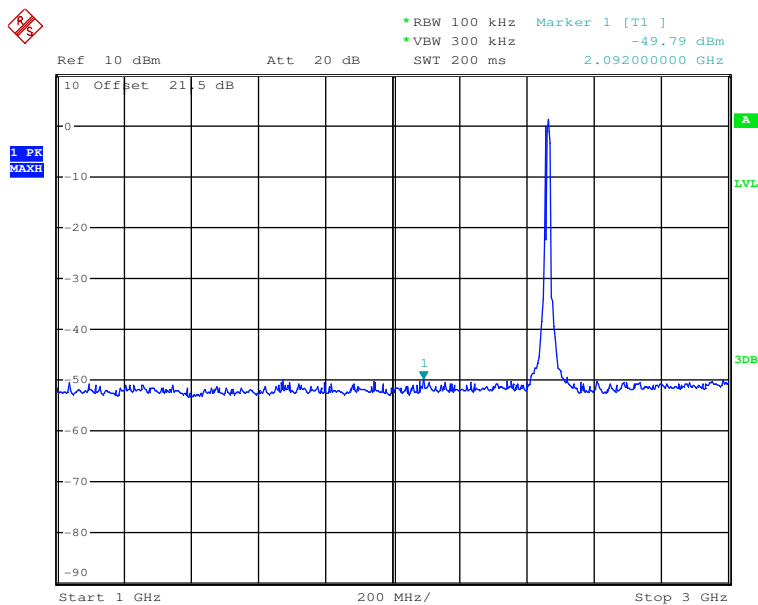
802.11g TX frequency: 2462MHz



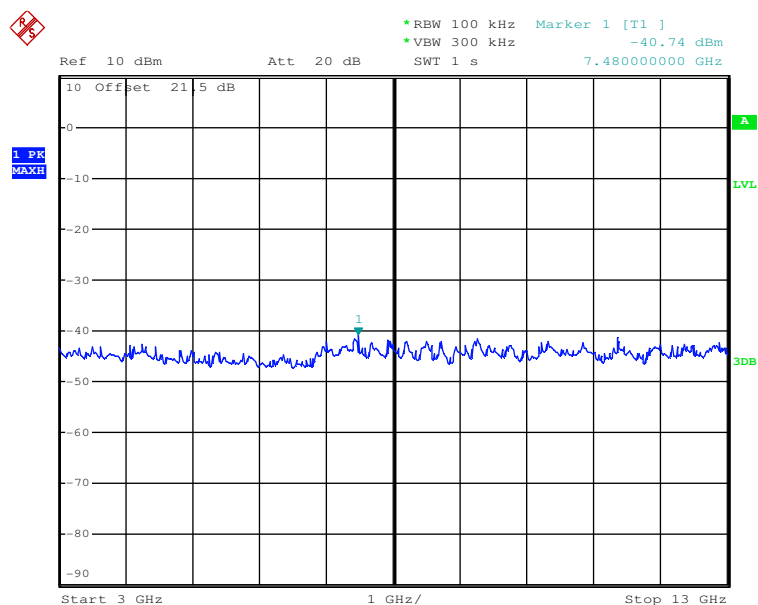
Date: 11.AUG.2016 17:38:29



Date: 13.SEP.2016 14:40:03

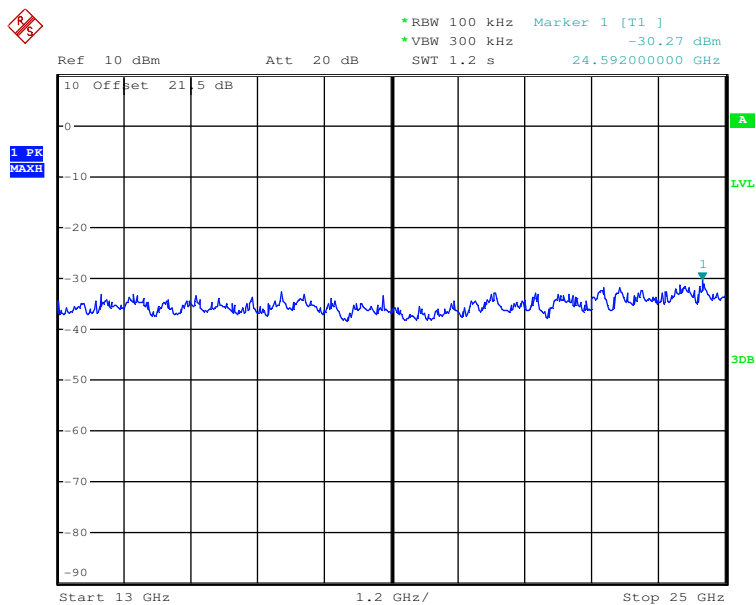


Date: 13.SEP.2016 14:40:54

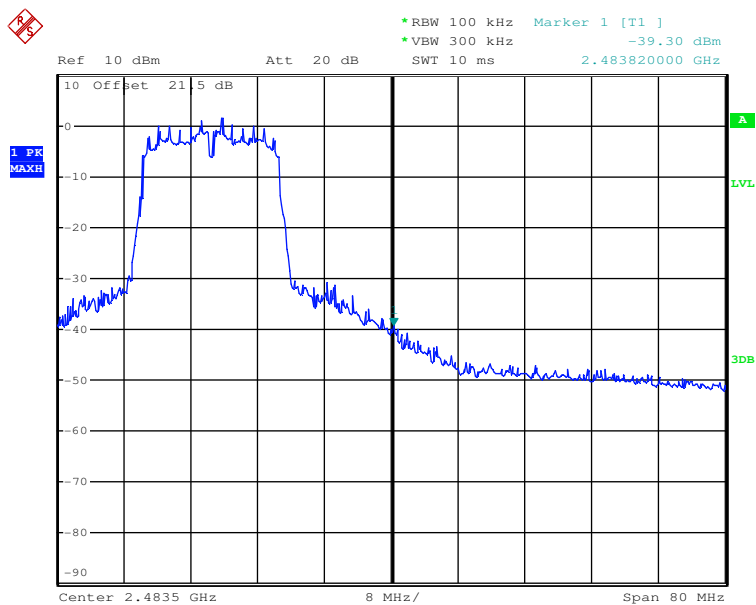


Date: 13.SEP.2016 14:41:29



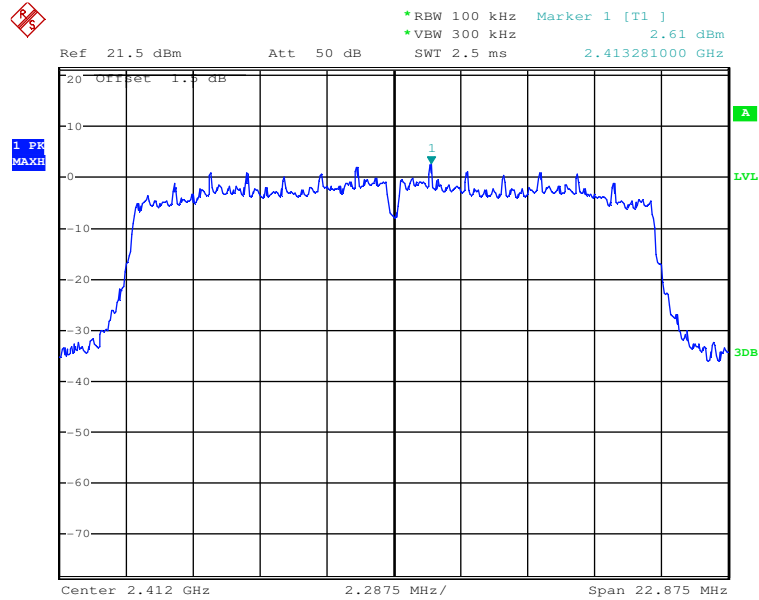


Date: 13.SEP.2016 14:41:51

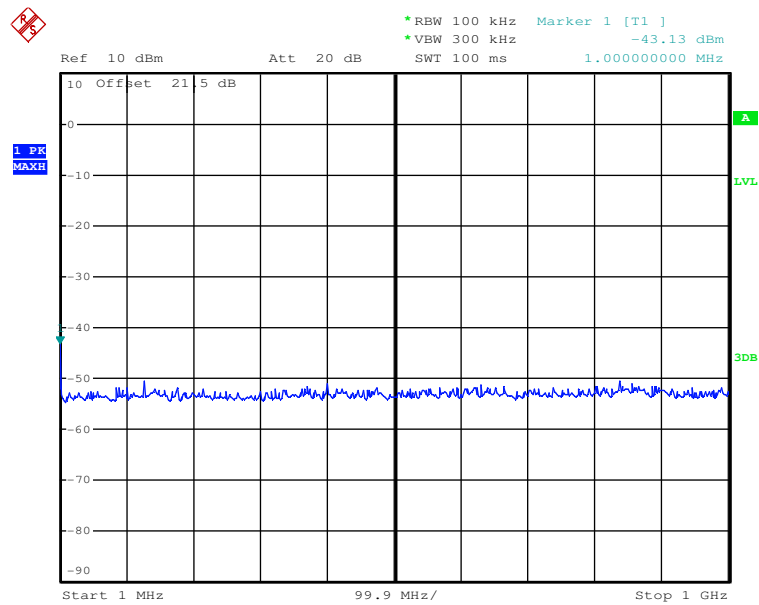


Date: 13.SEP.2016 14:42:33

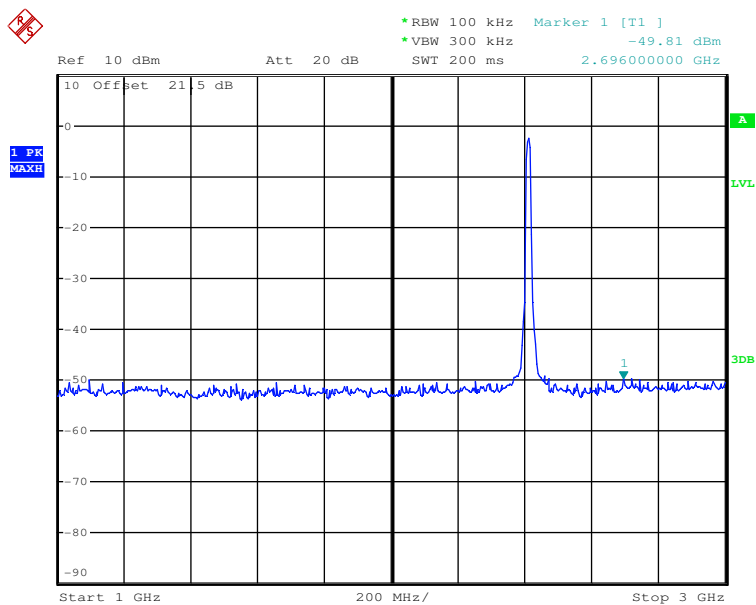
802.11n20 TX frequency: 2412MHz



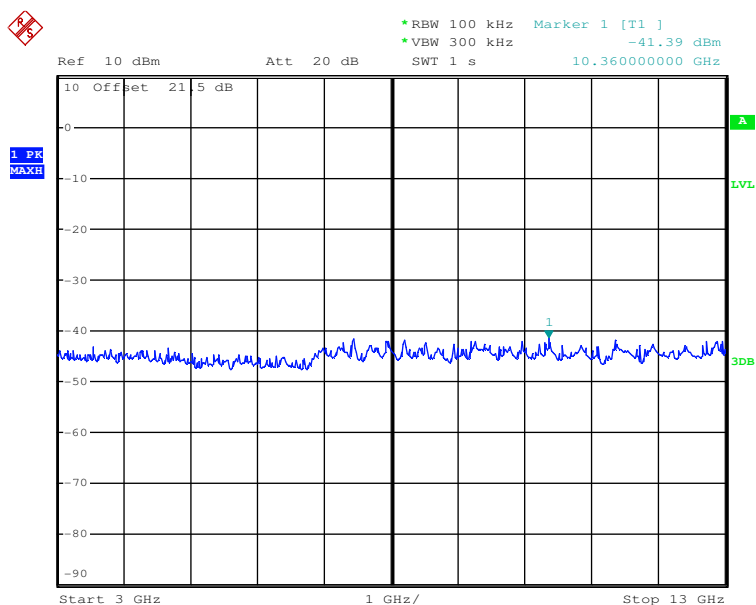
Date: 12.AUG.2016 10:15:23



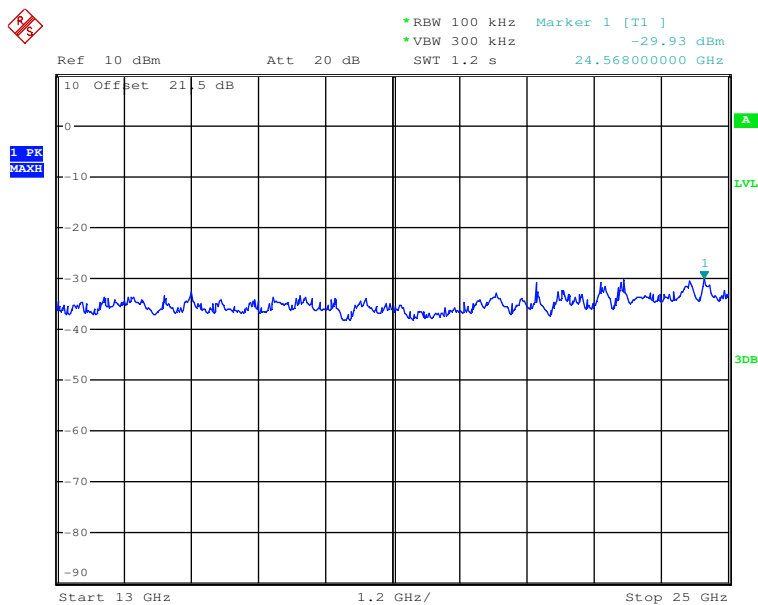
Date: 13.SEP.2016 14:45:07



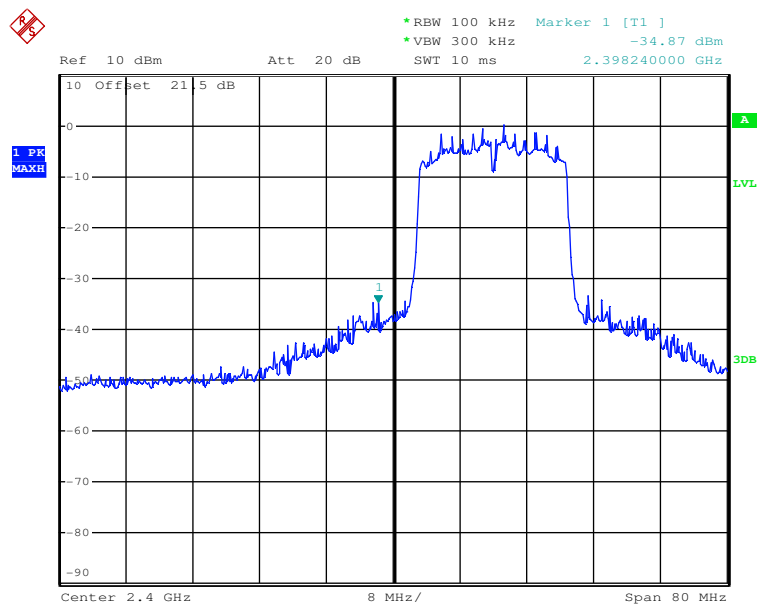
Date: 13.SEP.2016 14:45:40



Date: 13.SEP.2016 14:46:14

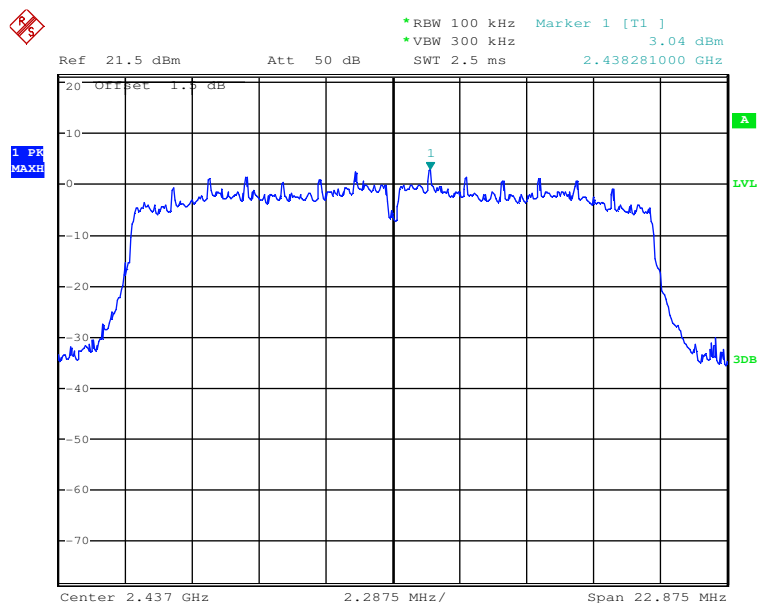


Date: 13.SEP.2016 14:46:41

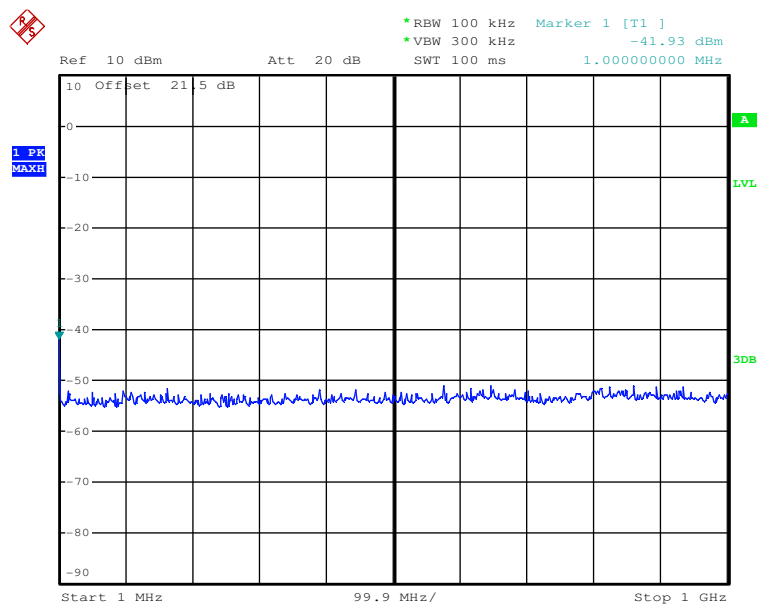


Date: 13.SEP.2016 14:44:24

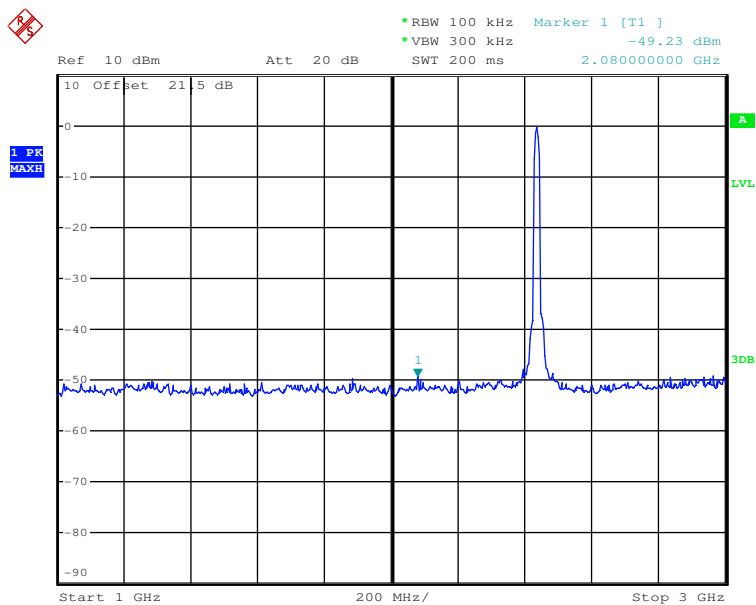
802.11n20 TX frequency: 2437MHz



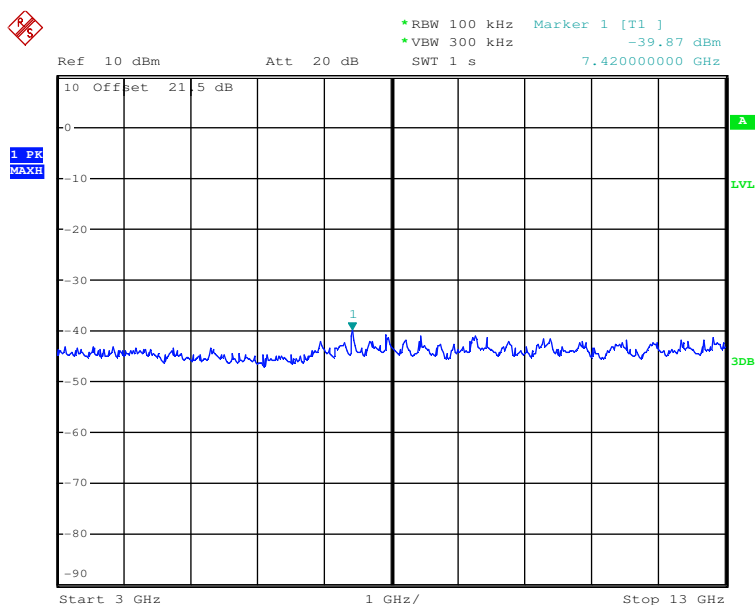
Date: 12.AUG.2016 10:14:25



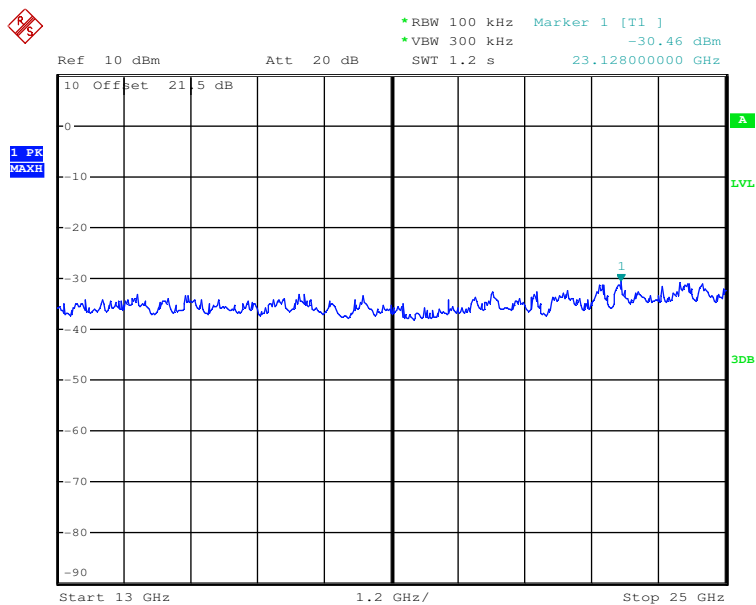
Date: 13.SEP.2016 14:47:10



Date: 13.SEP.2016 14:48:22

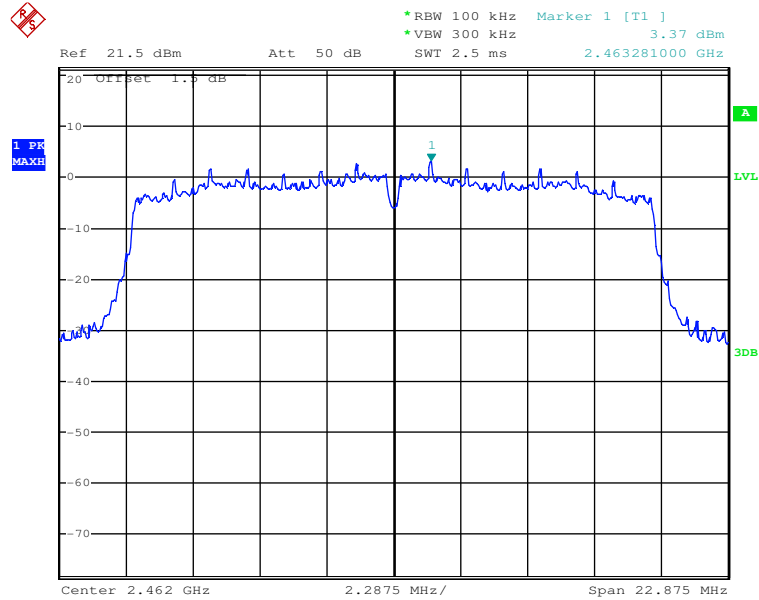


Date: 13.SEP.2016 14:50:44

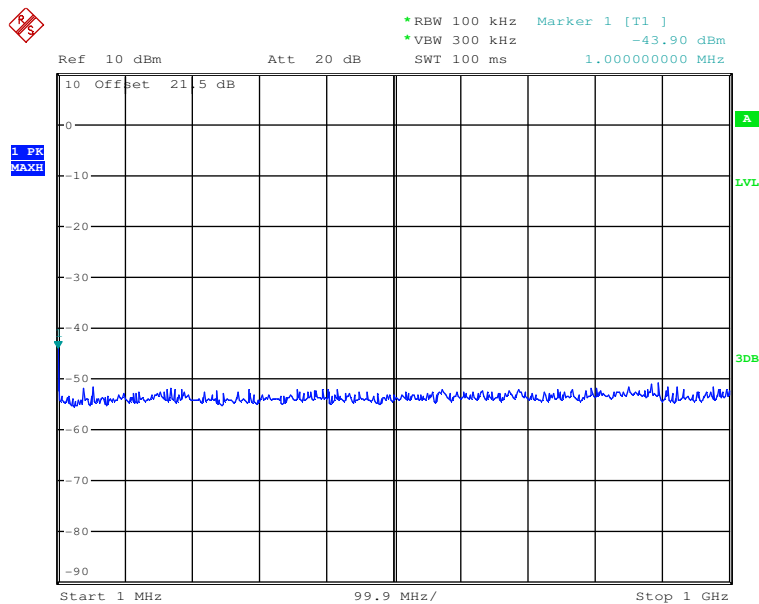


Date: 13.SEP.2016 14:51:15

802.11n20 TX frequency: 2462MHz

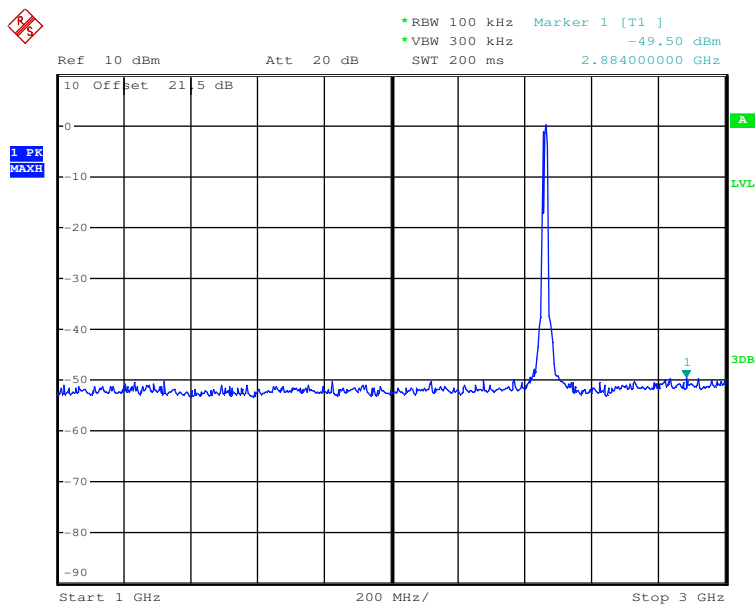


Date: 12.AUG.2016 10:12:37

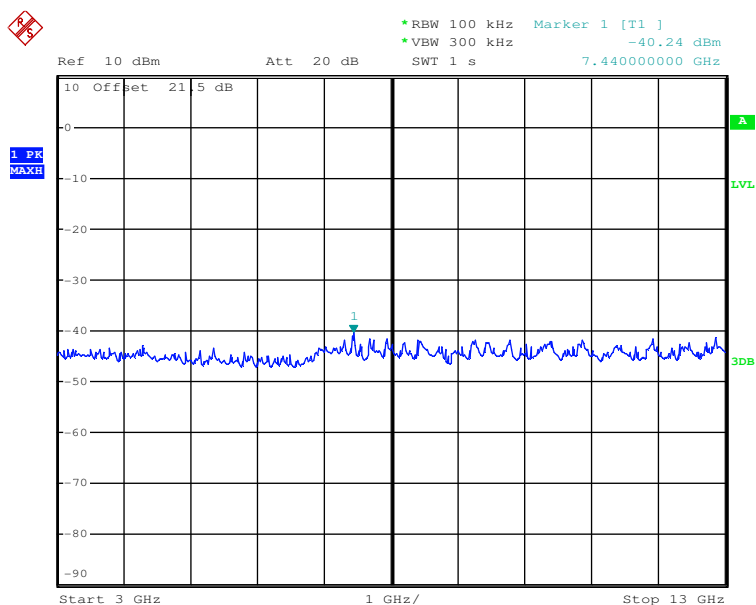


Date: 13.SEP.2016 14:52:40

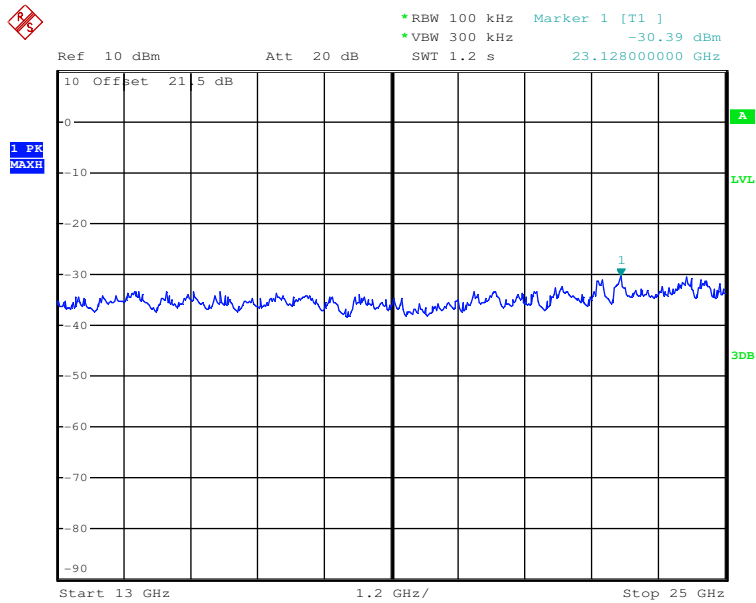




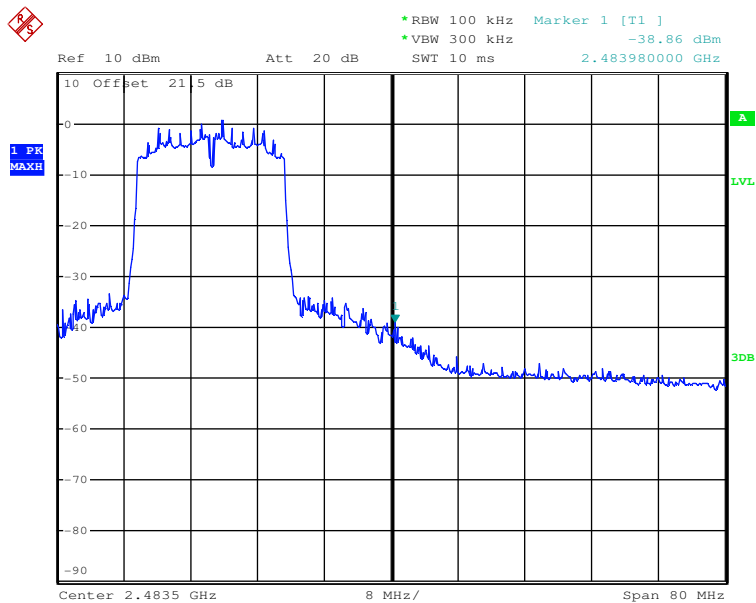
Date: 13.SEP.2016 14:53:25



Date: 13.SEP.2016 14:54:01

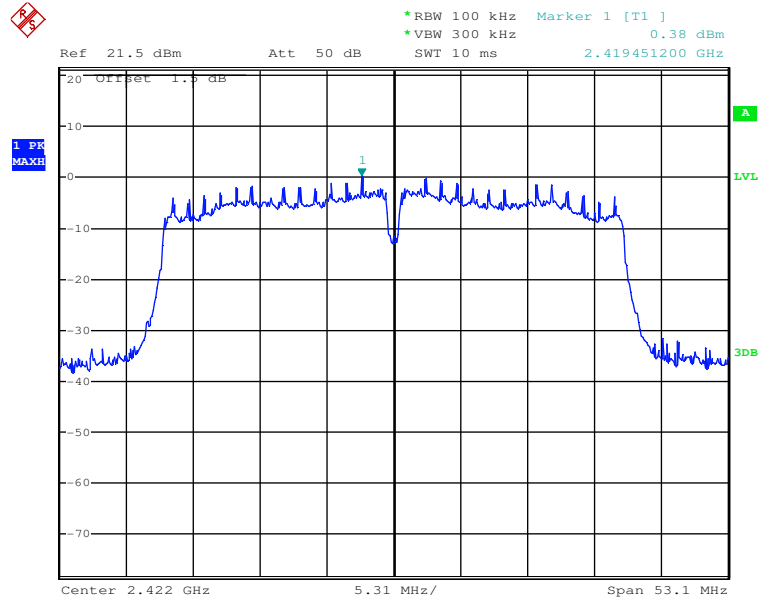


Date: 13.SEP.2016 14:54:33

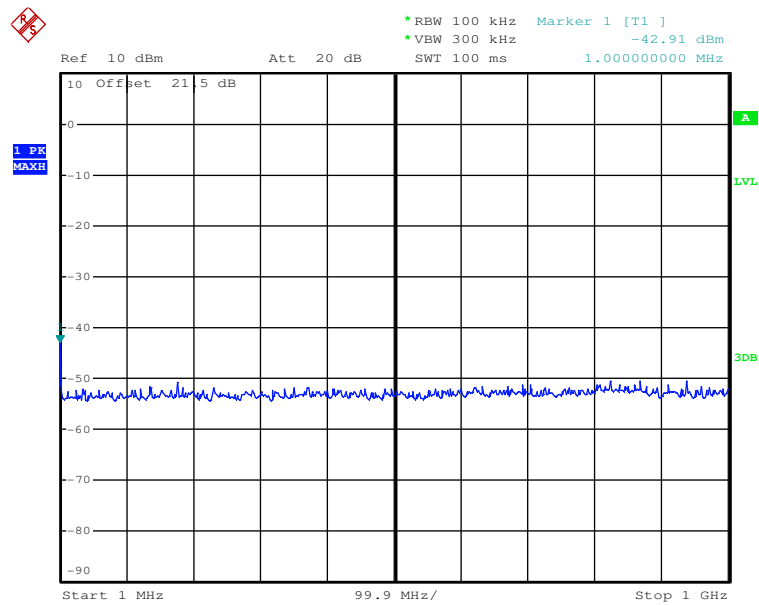


Date: 13.SEP.2016 14:52:19

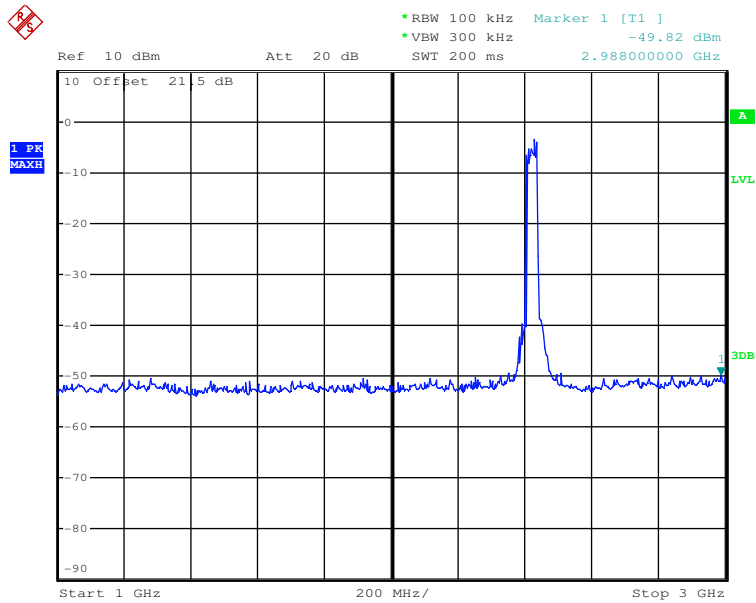
802.11n40 TX frequency: 2422MHz



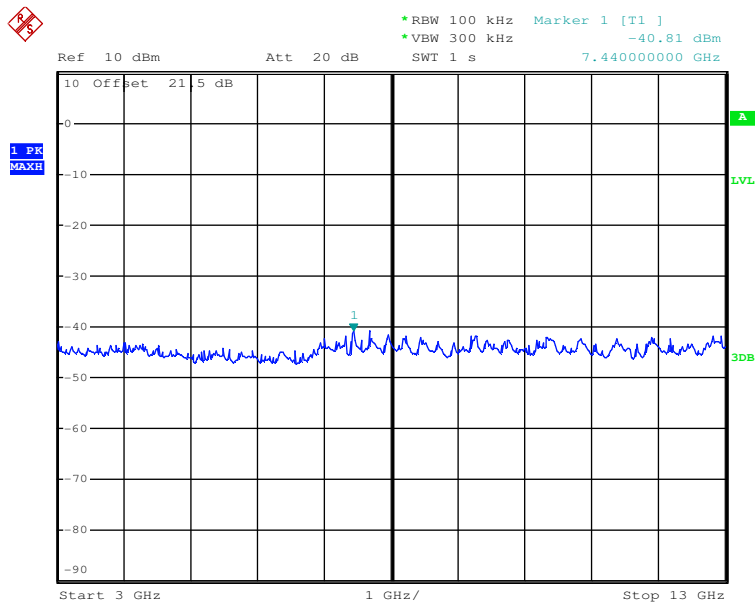
Date: 12.AUG.2016 09:21:02



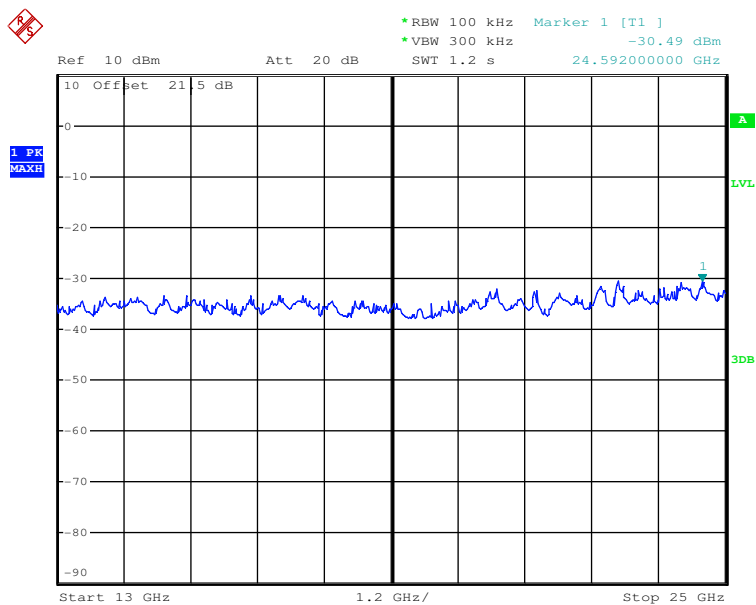
Date: 13.SEP.2016 14:57:09



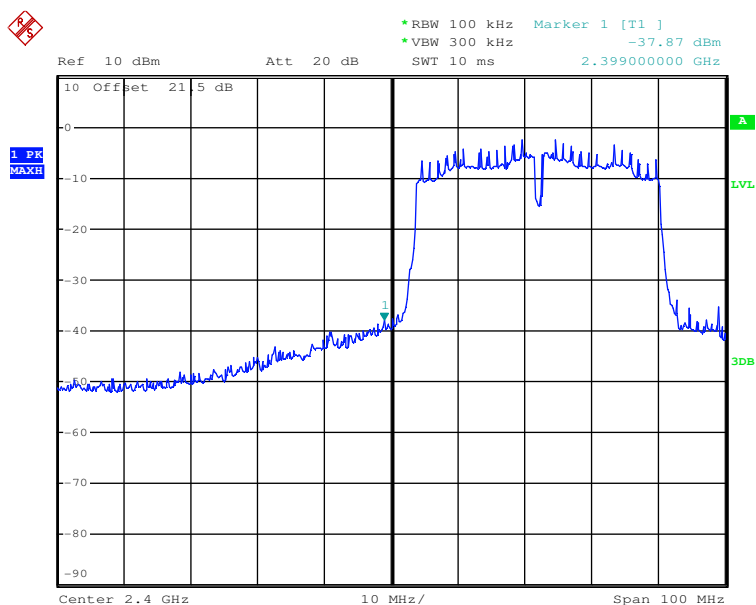
Date: 13.SEP.2016 14:57:41



Date: 13.SEP.2016 14:58:16

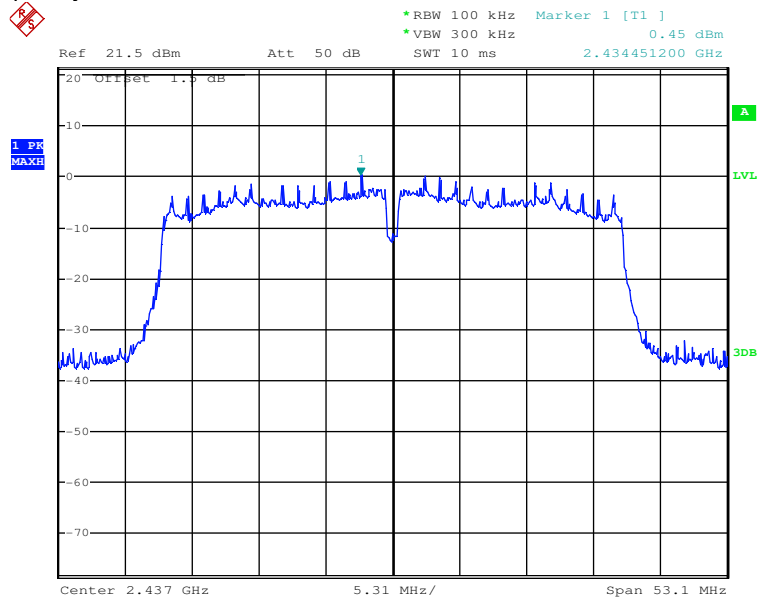


Date: 13.SEP.2016 14:58:43

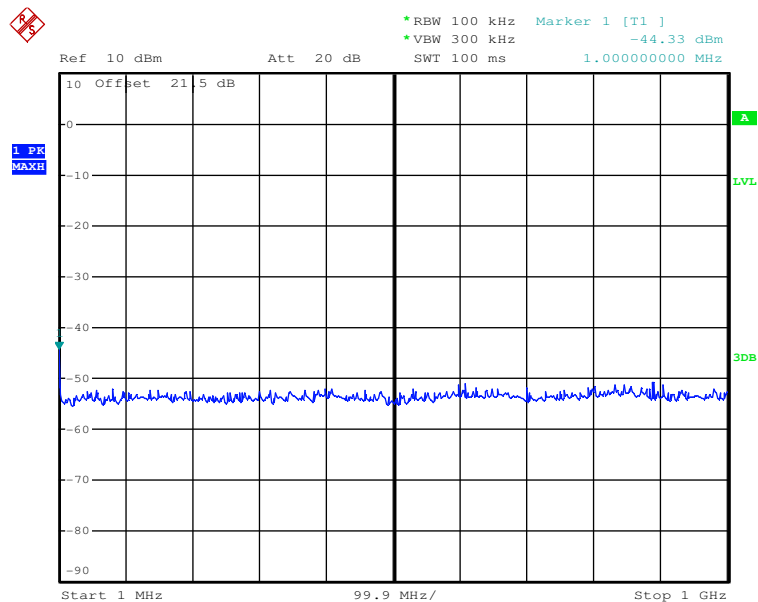


Date: 13.SEP.2016 14:56:18

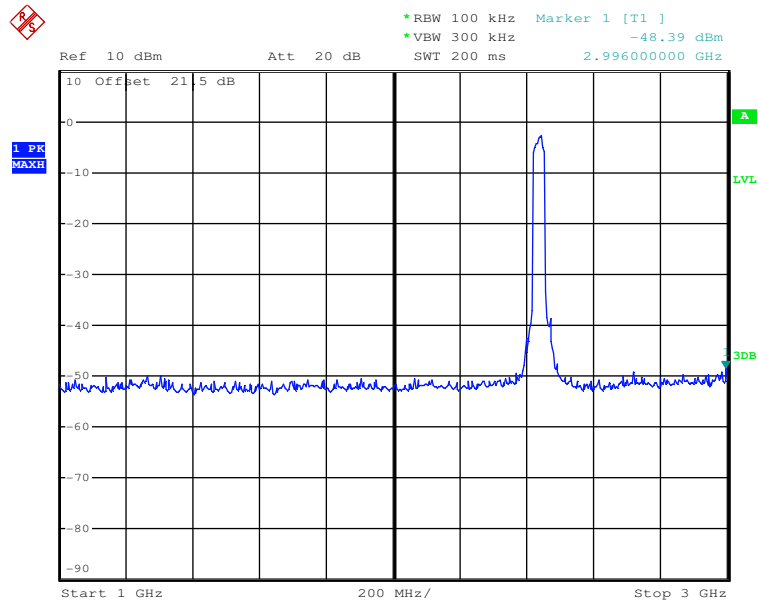
802.11n40 TX frequency: 2437MHz



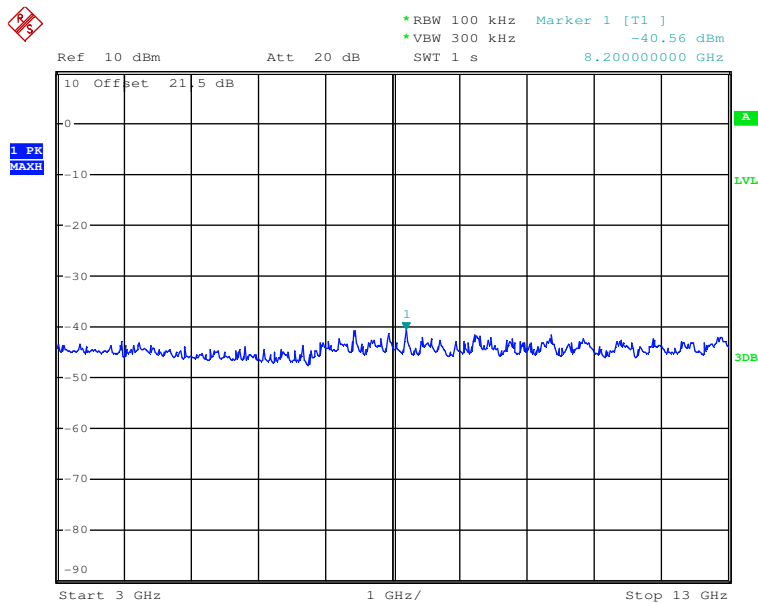
Date: 12.AUG.2016 09:19:37



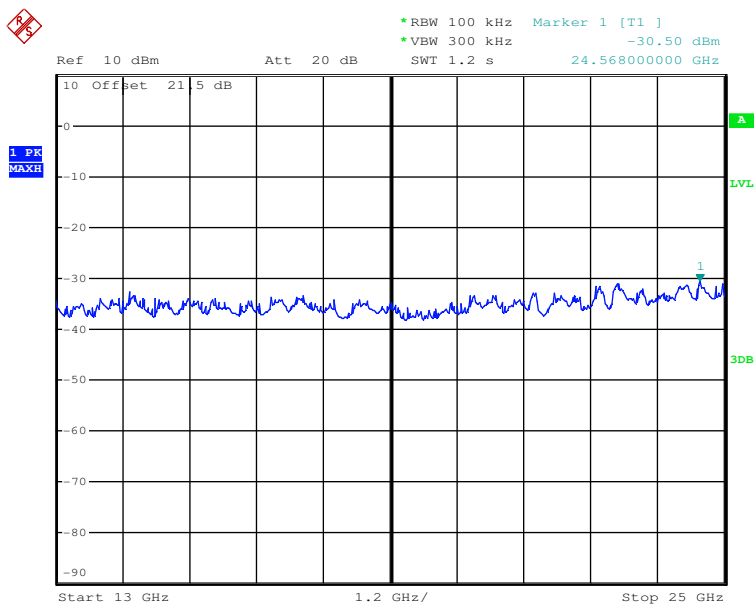
Date: 13.SEP.2016 14:59:10



Date: 13.SEP.2016 14:59:54



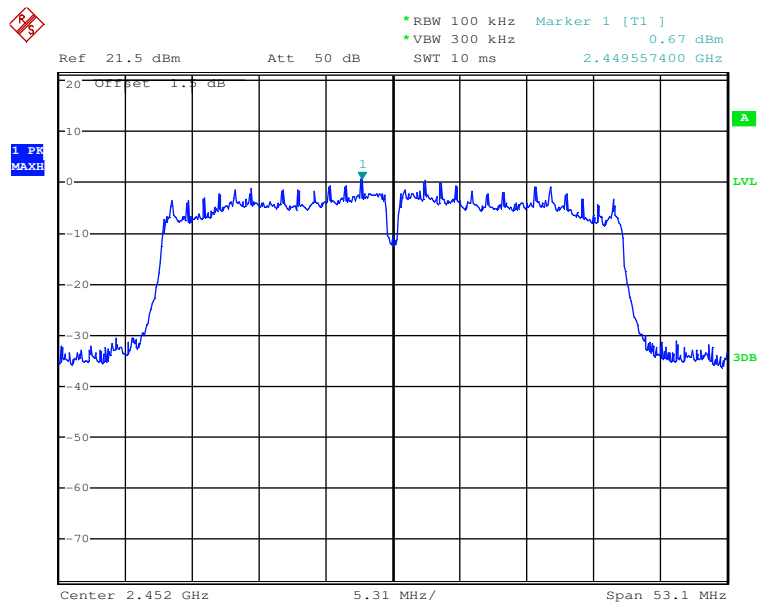
Date: 13.SEP.2016 15:00:31



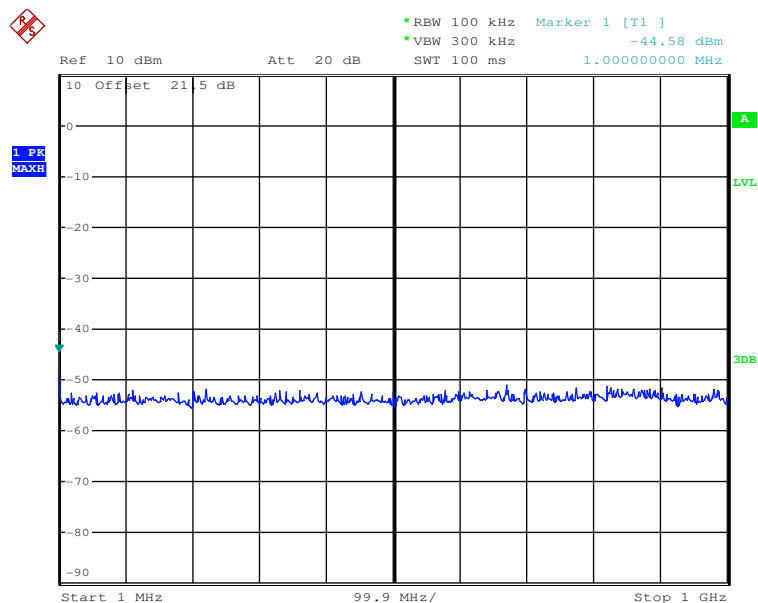
Date: 13.SEP.2016 15:00:59



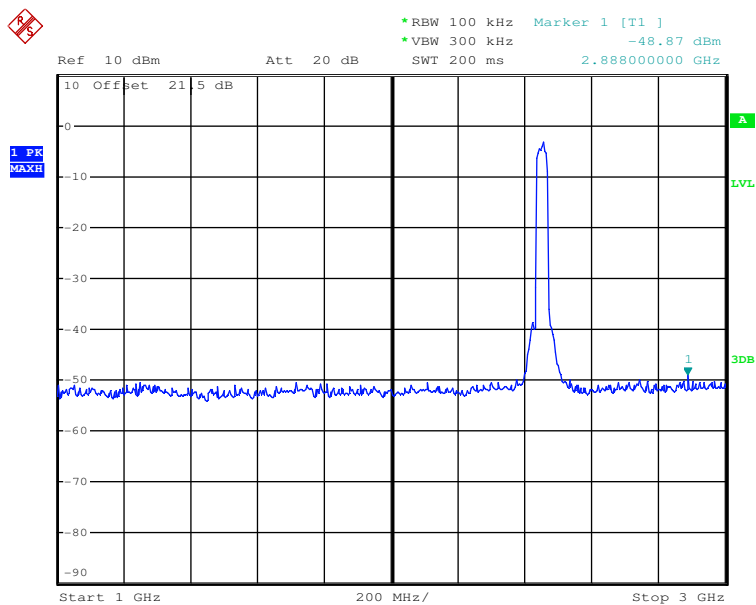
802.11n40 TX frequency: 2452MHz



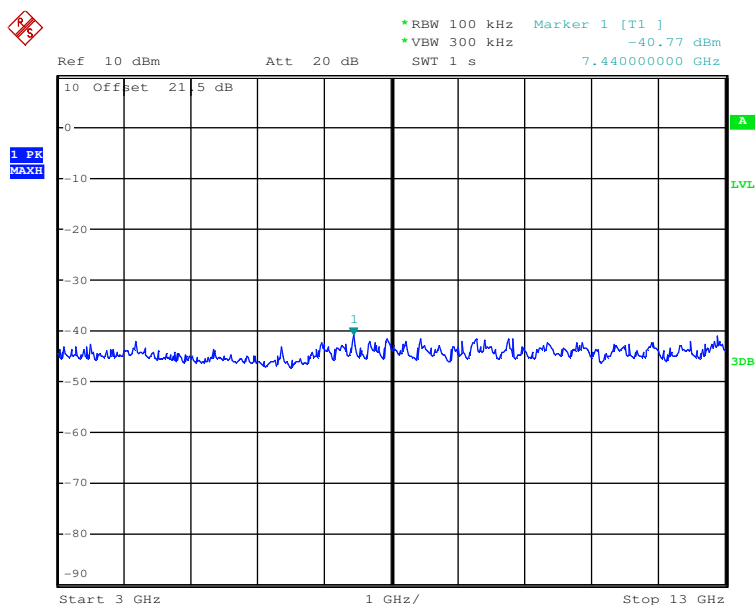
Date: 12.AUG.2016 09:18:34



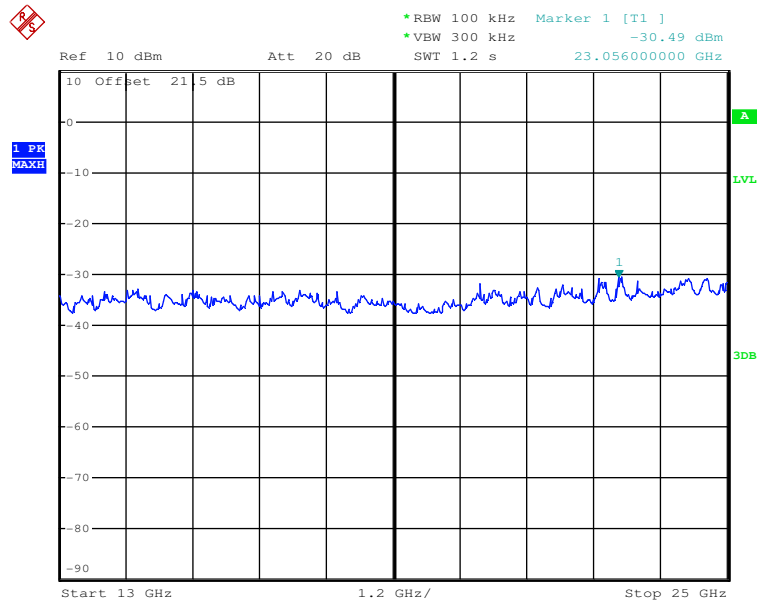
Date: 13.SEP.2016 15:03:07



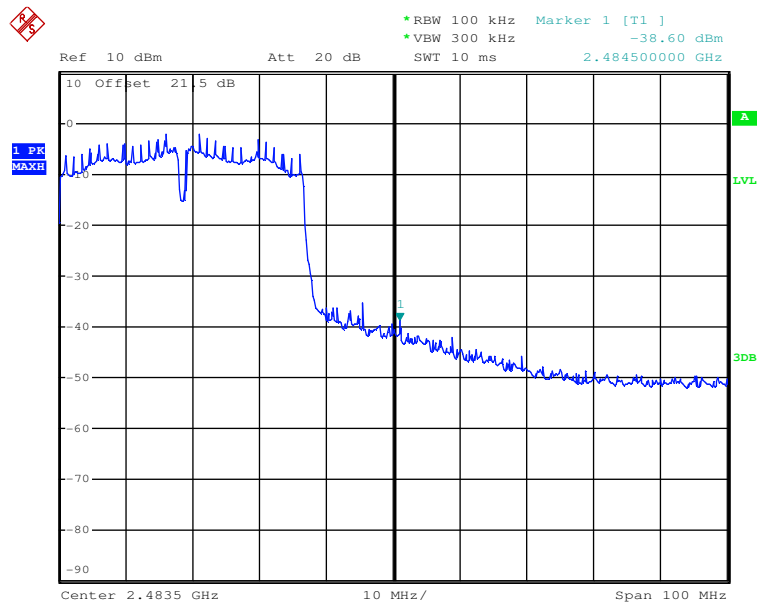
Date: 13.SEP.2016 15:04:02



Date: 13.SEP.2016 15:05:09



Date: 13.SEP.2016 15:05:54



Date: 13.SEP.2016 15:02:31