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Appendix 1

Test Results

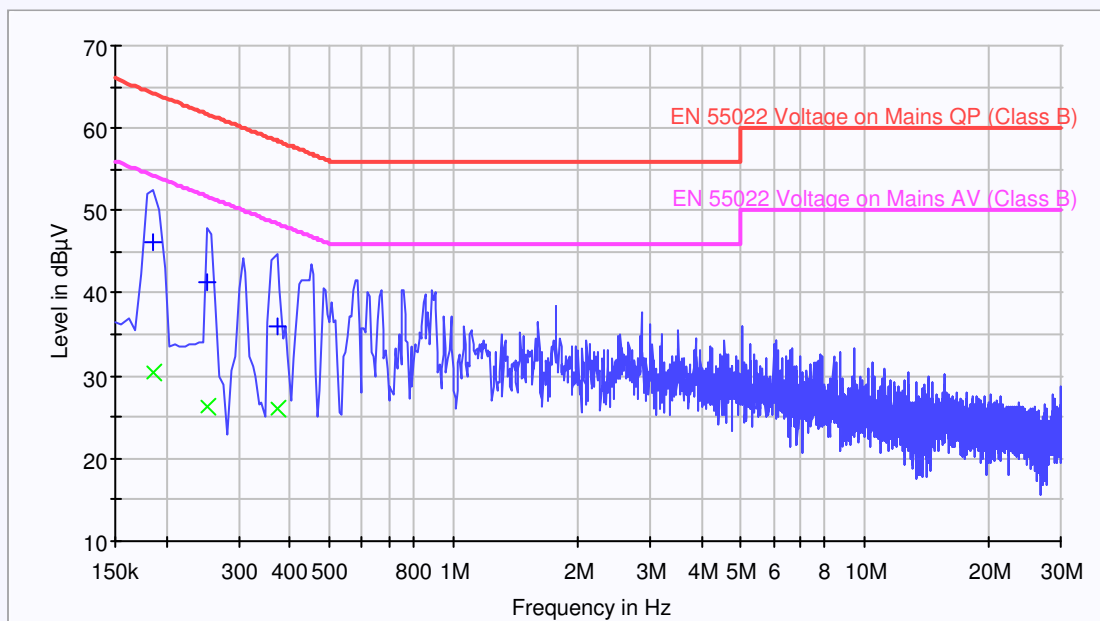
Disturbance Voltage on AC Mains

Continuous Disturbance

Test Information

EUT Name:	Kingtronics Wifi Speaker
Serial Number:	Q2(00100225068-002)
Test Description:	EN 55022 Class B
Operating Conditions:	Charging + Music Playing Mode
Operator Name:	Samuel Ku
Comment:	100V 60Hz
Description	CE L1

Conducted Emission (EN55022) - Class B



Result Table Single

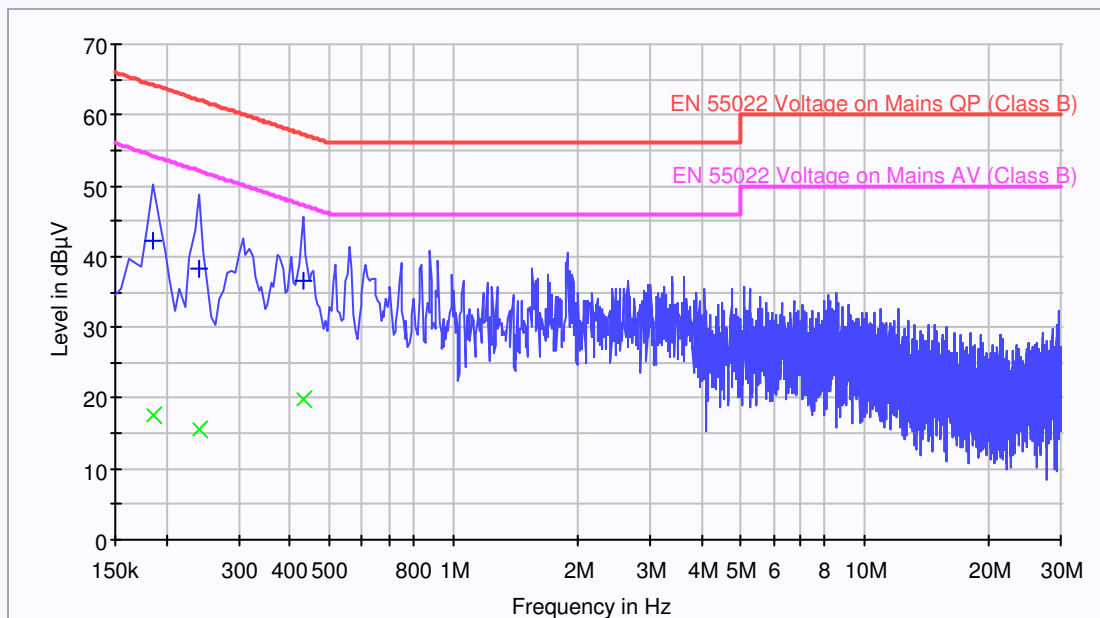
Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)
0.186000	46.2	30.4
0.252000	41.3	26.2
0.372000	36.1	26.0

Continuous Disturbance

Test Information

EUT Name: Kingtronics Wifi Speaker
 Serial Number: Q2(00100225068-002)
 Test Description: EN 55022 Class B
 Operating Conditions: Charging + Music Playing Mode
 Operator Name: Samuel Ku
 Comment: 100V 60Hz
 Description: CE N

Conducted Emission (EN55022) - Class B



Result Table_Single

Frequency (MHz)	QuasiPeak (dBμV)	Average (dBμV)
0.186000	42.4	17.4
0.240000	38.4	15.5
0.432000	36.4	19.9

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6dB Bandwidth Measurement

Mode: 802.11b

Channel 1



MARKER 1

2.4125 GHz

Ref 10 dBm

*Att 20 dB

*RBW 100 kHz

Marker 1 [T1]

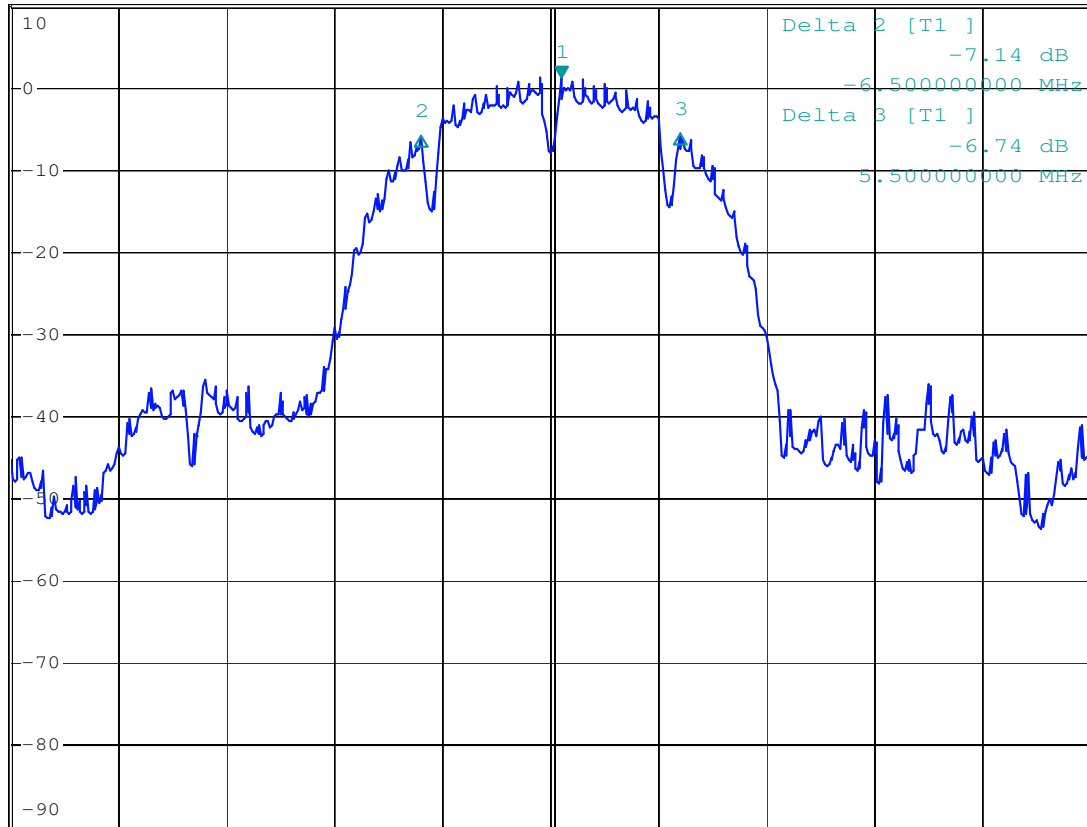
*VBW 100 kHz

1.25 dBm

*SWT 100 ms

2.412500000 GHz

1 PK
MAXH



Center 2.412 GHz

5 MHz/

Span 50 MHz

Date: 26.APR.2010 17:23:57

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Mode: 802.11b
Channel 6



CENTER FREQUENCY

2.437 GHz

Ref 10 dBm

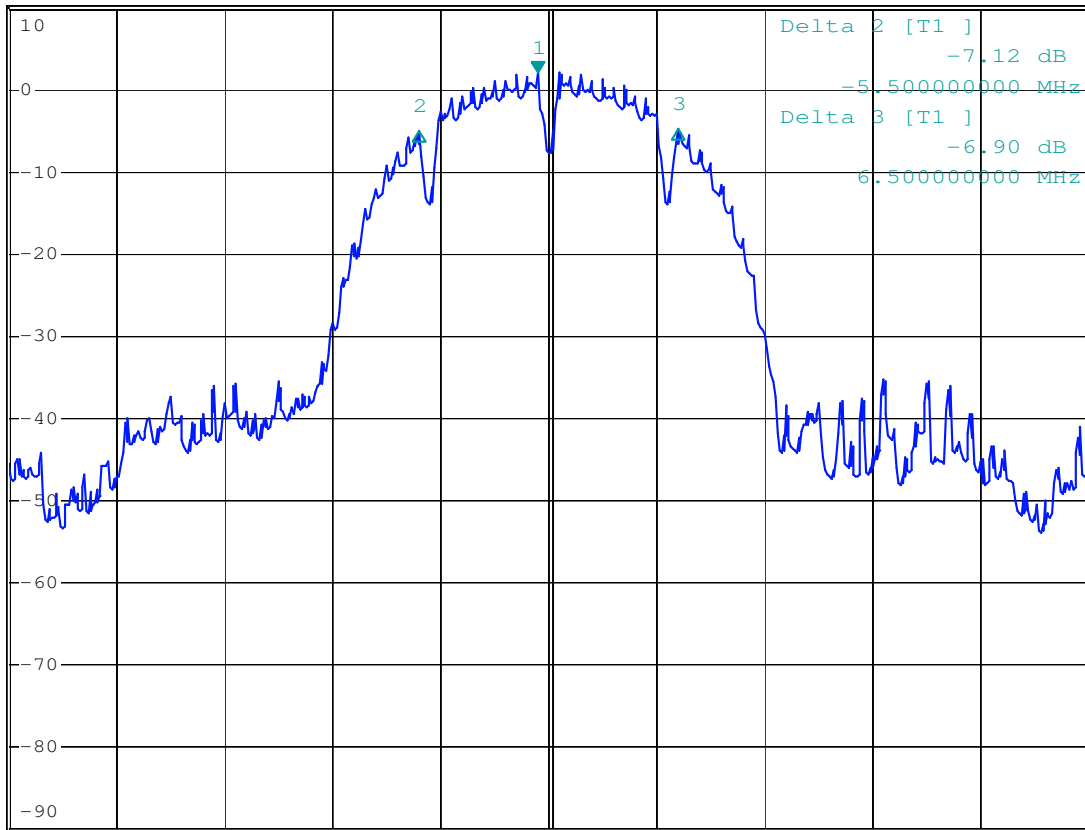
*Att 20 dB

*RBW 100 kHz Marker 1 [T1]

*VBW 100 kHz 2.08 dBm

*SWT 100 ms 2.436500000 GHz

1 PK
MAXH



A

Date: 28.JUN.2010 15:30:16

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Mode: 802.11b

Channel 11

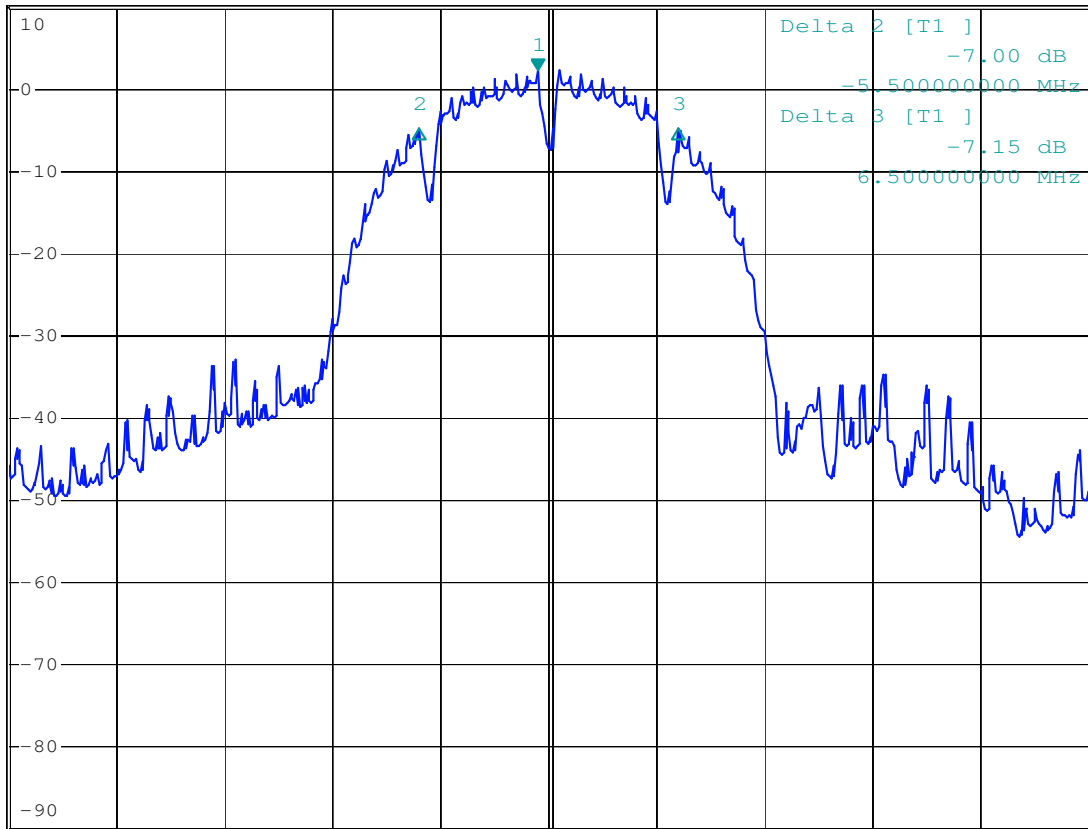


MARKER 1
2.4615 GHz

Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 100 kHz 2.19 dBm
*SWT 100 ms 2.461500000 GHz

1 PK
MAXH



A

Date: 28.JUN.2010 15:39:15

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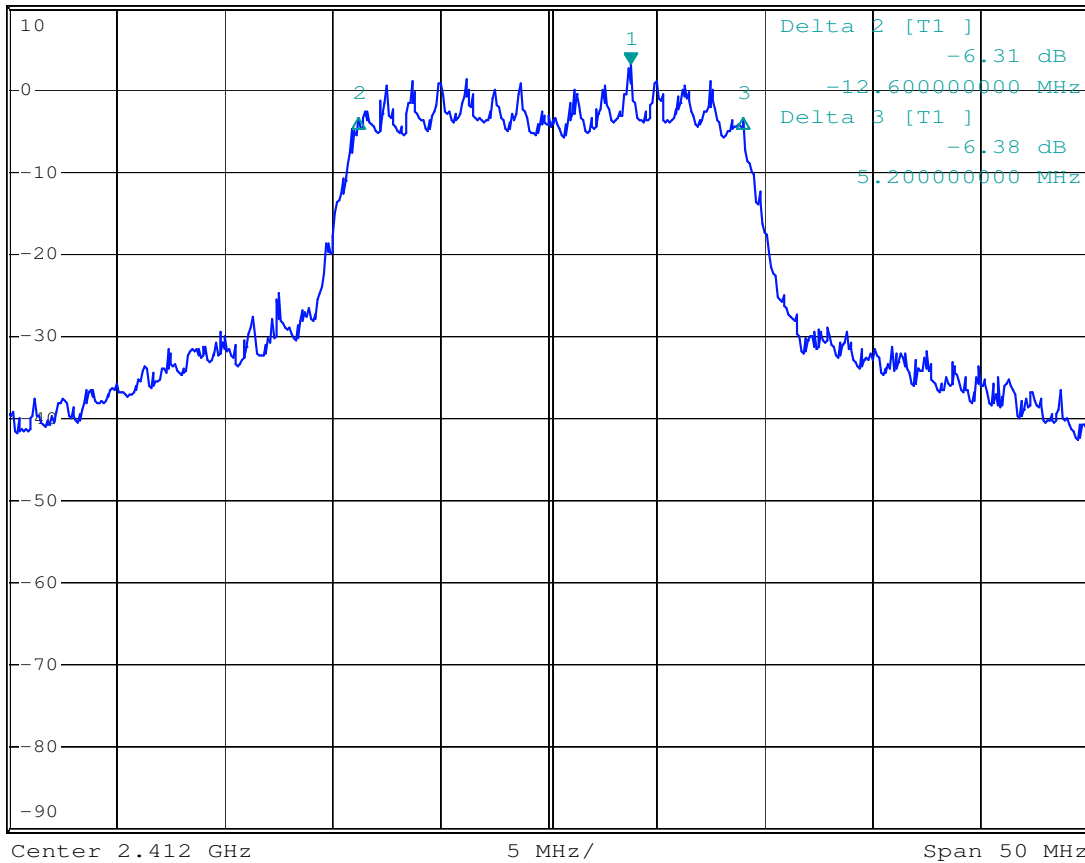
Mode: 802.11g
Channel 1



MARKER 1
2.4158 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 100 kHz 2.92 dBm
*SWT 100 ms 2.415800000 GHz

1 PK
MAXH



Date: 26.APR.2010 17:11:28

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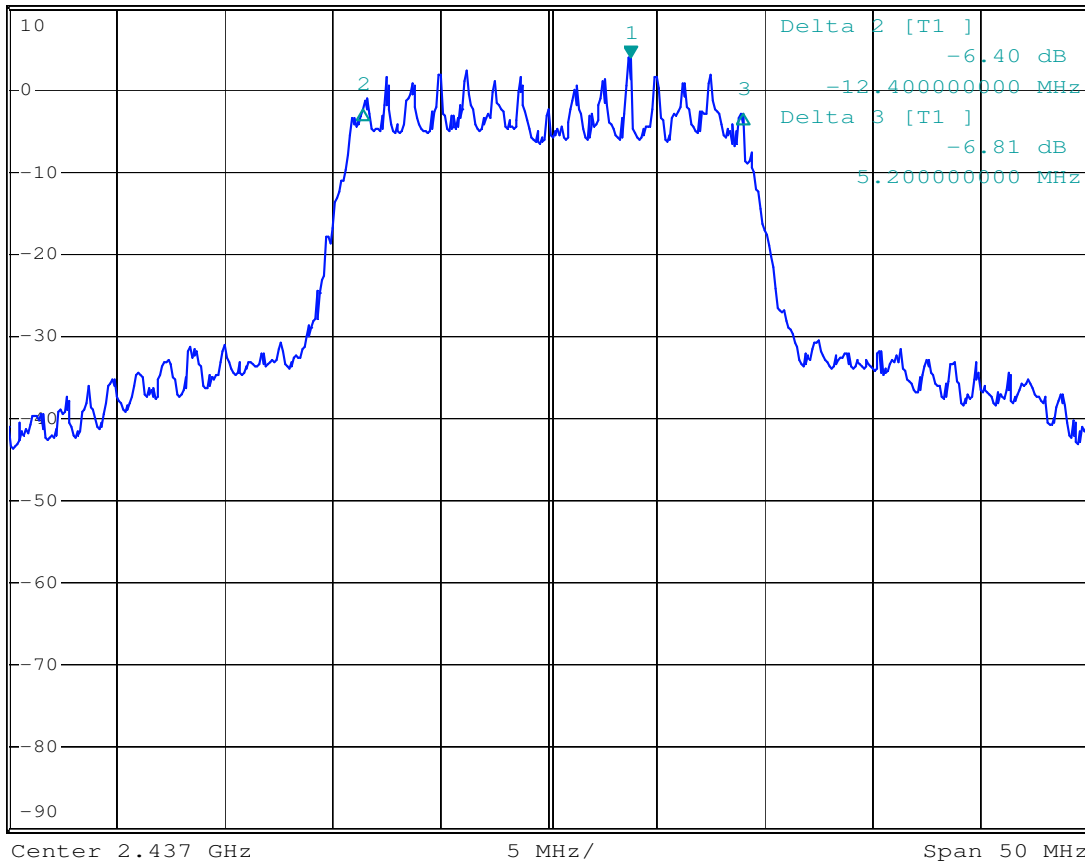
Mode: 802.11g
Channel 6



MARKER 1
2.4408 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 100 kHz 3.84 dBm
*SWT 100 ms 2.440800000 GHz

1 PK
MAXH



Date: 28.JUN.2010 15:33:10

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Mode: 802.11g

Channel 11

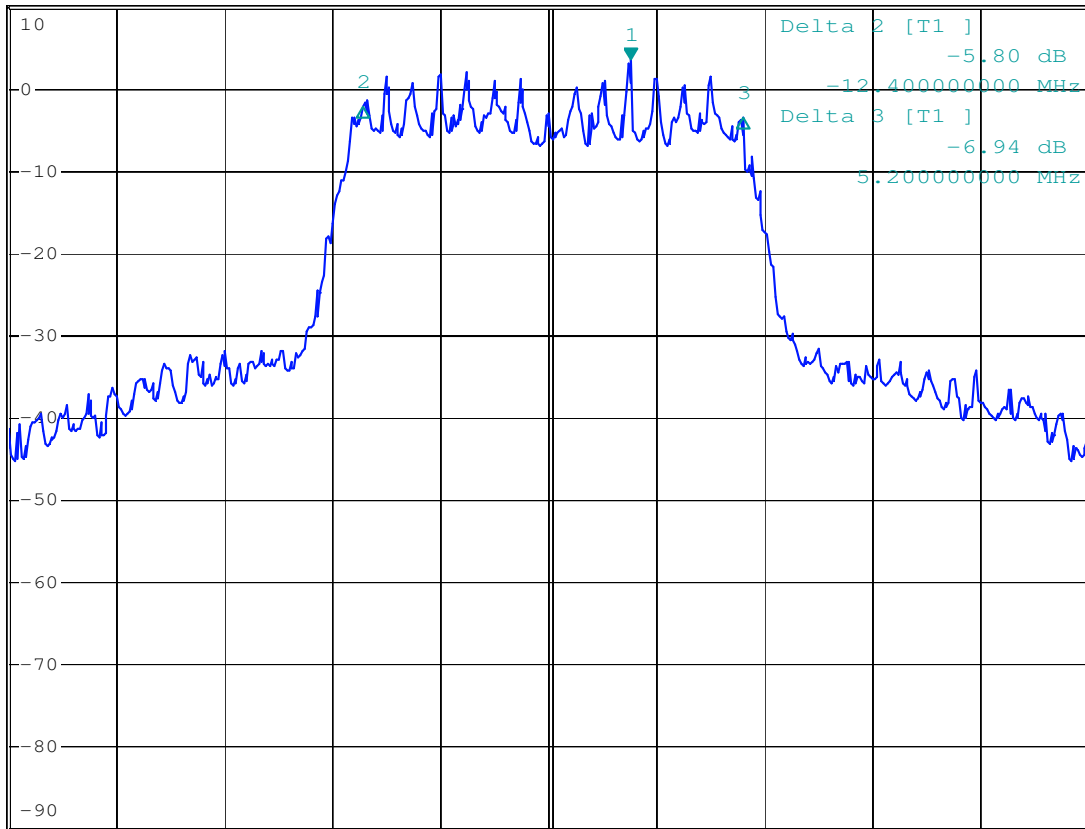


MARKER 1
2.4658 GHz

Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 100 kHz 3.55 dBm
*SWT 100 ms 2.465800000 GHz

1 PK
MAXH



Center 2.462 GHz

5 MHz/

Span 50 MHz

Date: 28.JUN.2010 15:37:27

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Spurious Conducted Emissions

Mode: 802.11b

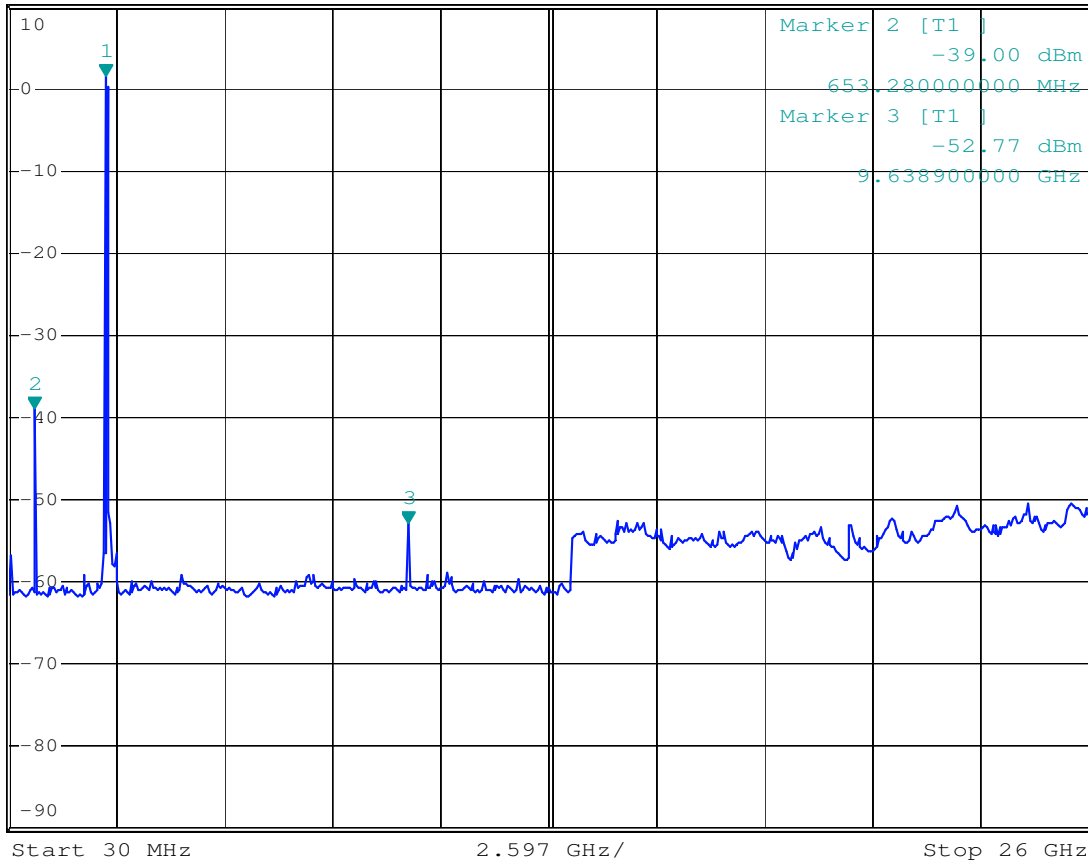
Channel 1



MARKER 1
2.3673 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 1.36 dBm
*SWT 60 s 2.367300000 GHz

1 PK
MAXH



Date: 26.APR.2010 18:17:59

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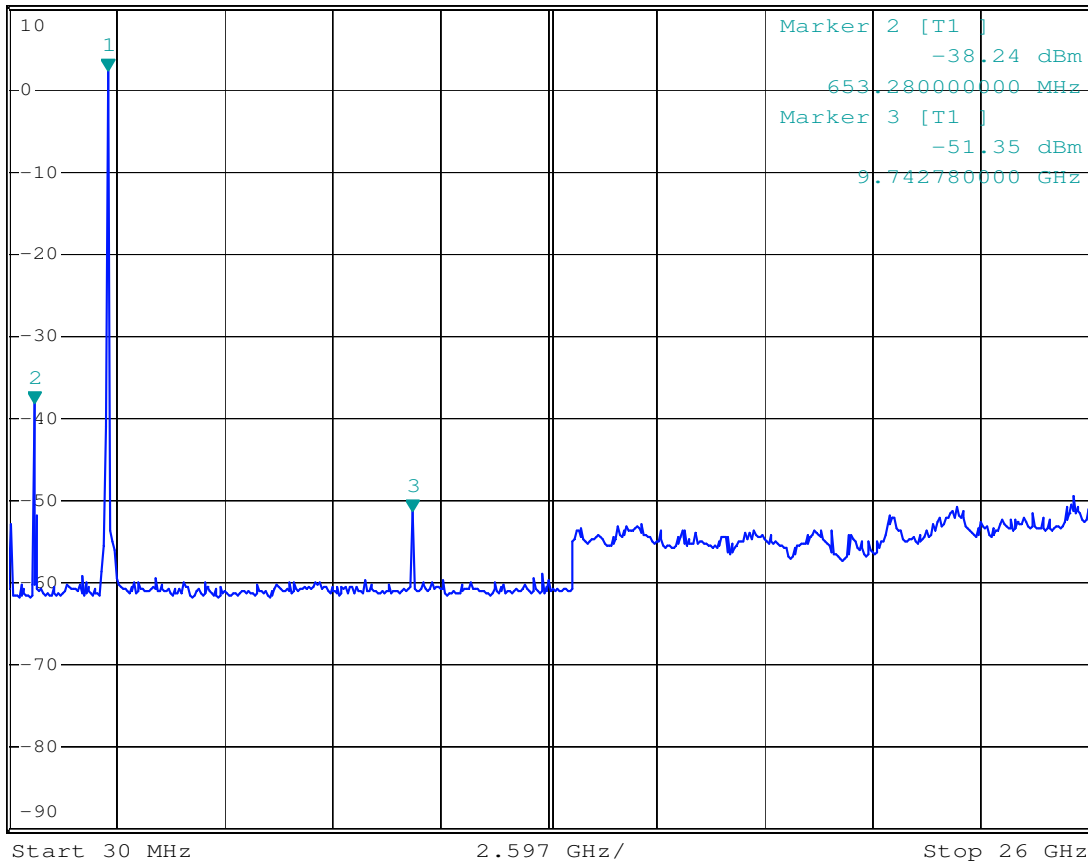
Mode: 802.11b
Channel 6



MARKER 1
2.41924 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 2.29 dBm
*SWT 60 s 2.419240000 GHz

1 PK
MAXH



Date: 28.JUN.2010 15:55:08

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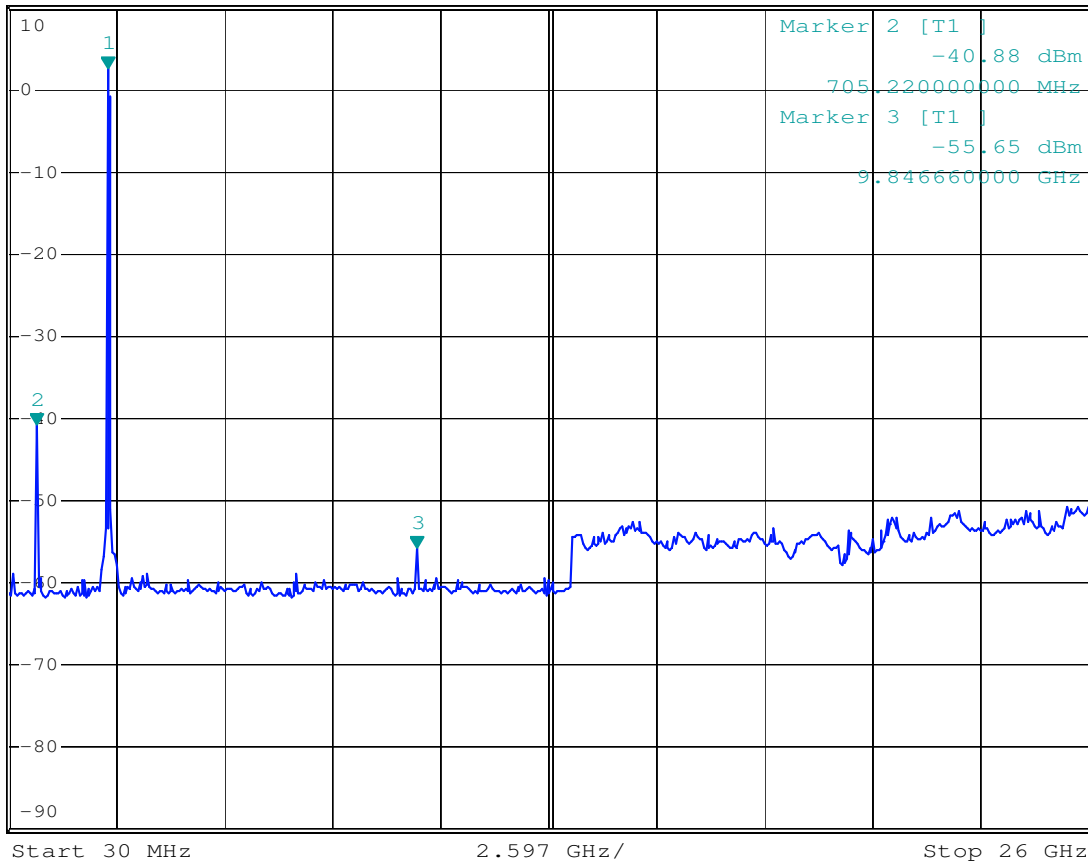
Mode: 802.11b
Channel 11



MARKER 1
2.41924 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 2.47 dBm
*SWT 60 s 2.419240000 GHz

1 PK
MAXH



Date: 28.JUN.2010 15:43:21

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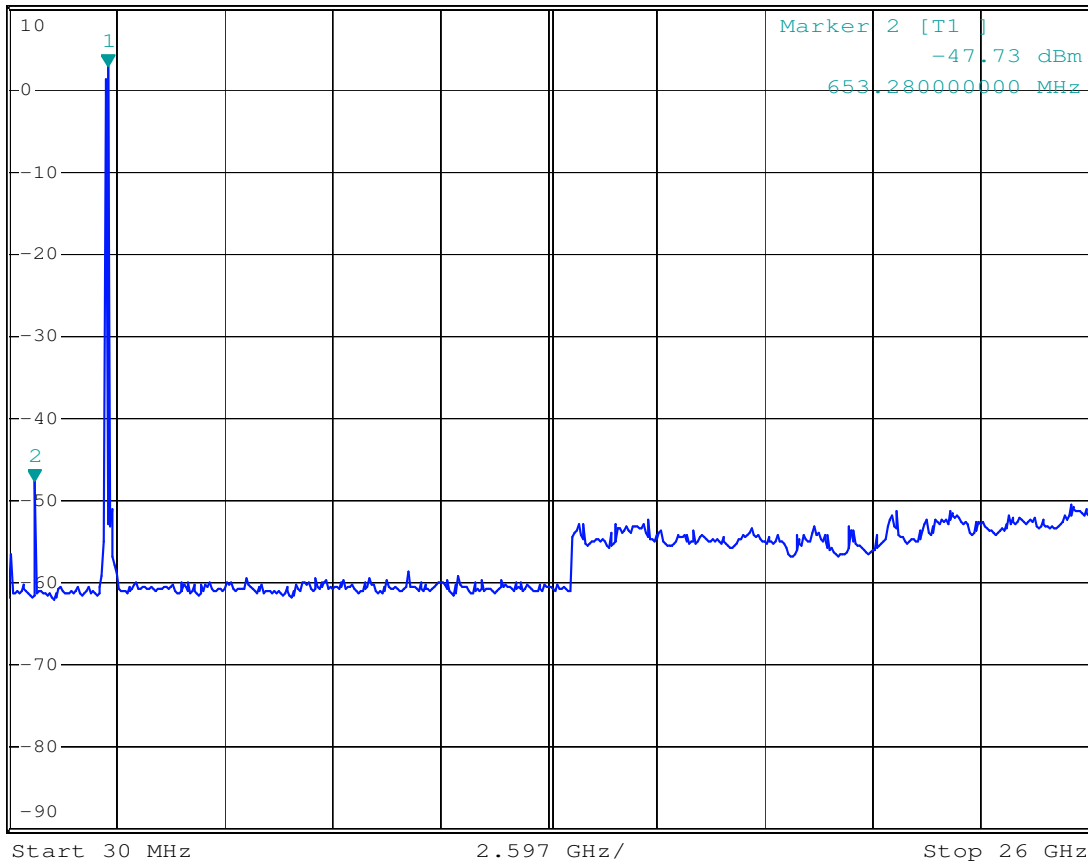
Mode: 802.11g
Channel 1



MARKER 1
2.41924 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 2.81 dBm
*SWT 60 s 2.419240000 GHz

1 PK
MAXH



Date: 26.APR.2010 18:36:58

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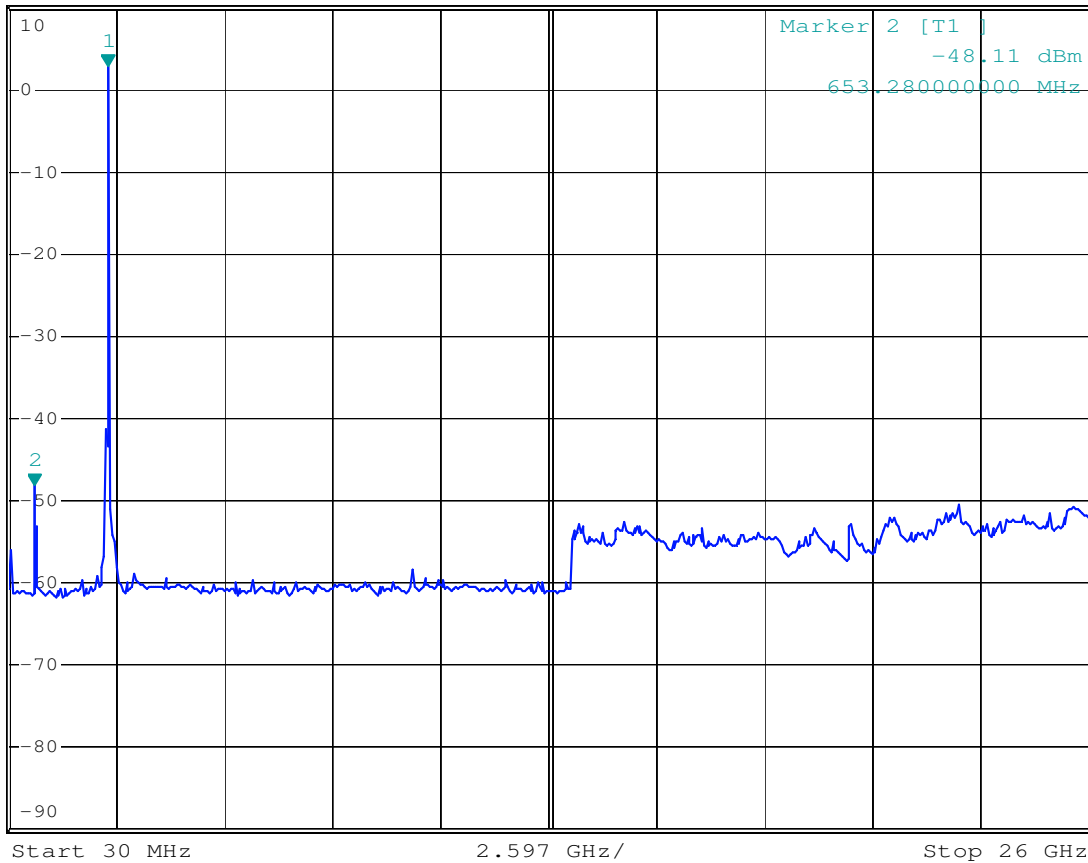
Mode: 802.11g
Channel 6



MARKER 1
2.41924 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 2.87 dBm
*SWT 60 s 2.419240000 GHz

1 PK
MAXH



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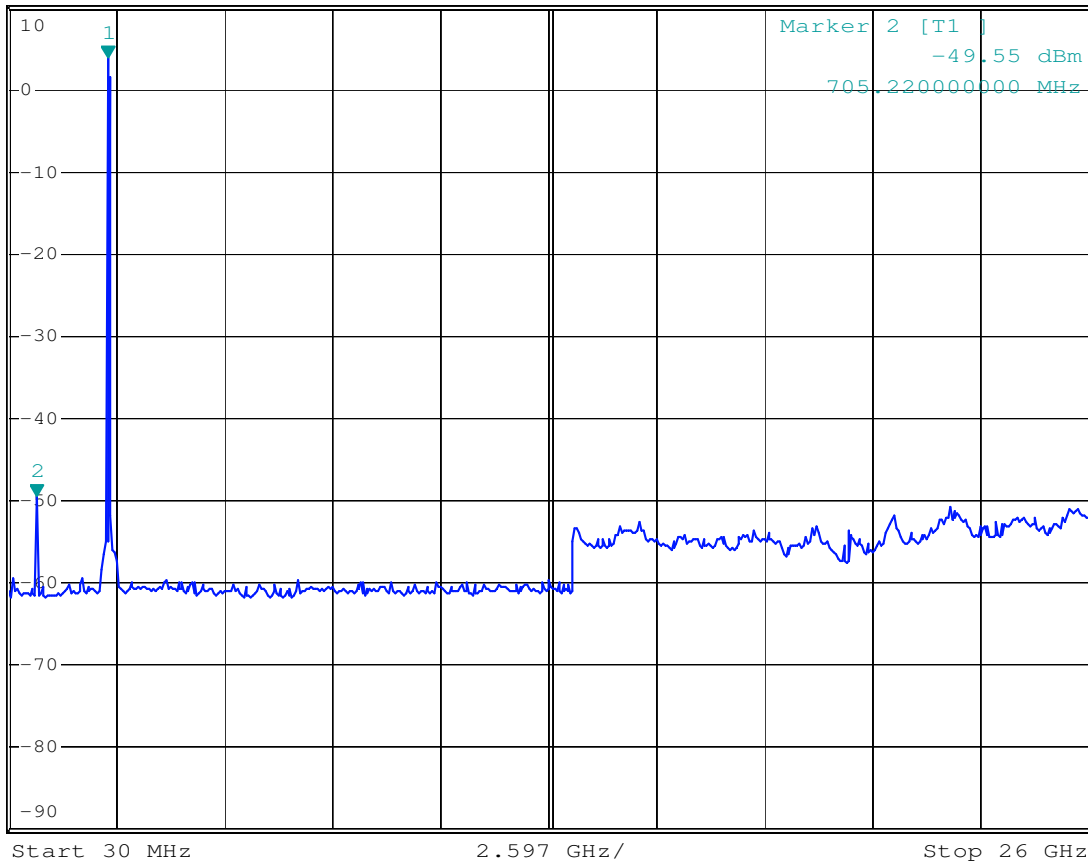
Mode: 802.11g
Channel 11



MARKER 1
2.41924 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 3.80 dBm
*SWT 60 s 2.419240000 GHz

1 PK
MAXH



Date: 28.JUN.2010 15:47:18

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Band Edge Emissions

Mode: 802.11b (conducted measurement)

Channel 1



MARKER 1

2.4126 GHz

Ref 10 dBm

*Att 20 dB

*RBW 100 kHz

Marker 1 [T1]

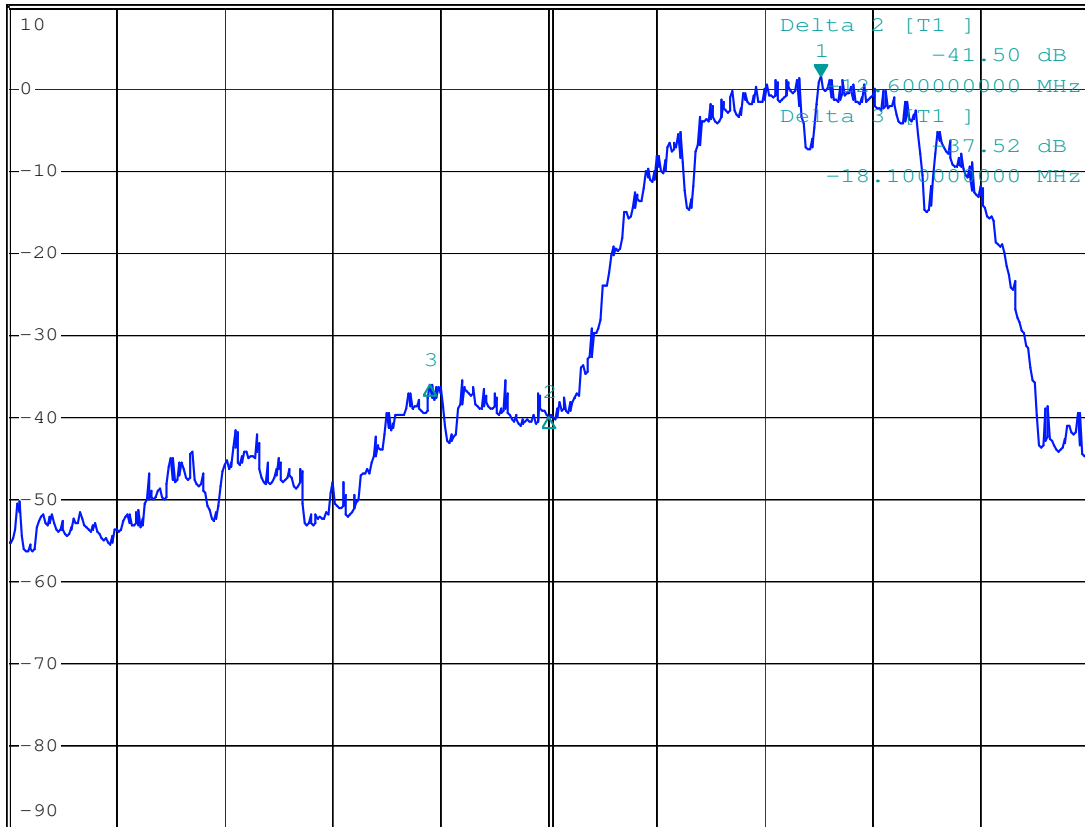
*VBW 300 kHz

1.45 dBm

SWT 5 ms

2.412600000 GHz

1 PK
MAXH



Center 2.4 GHz

5 MHz/

Span 50 MHz

Date: 26.APR.2010 18:14:03

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Mode: 802.11b (conducted measurement)

Channel 11



MARKER 1

2.4625 GHz

Ref 10 dBm

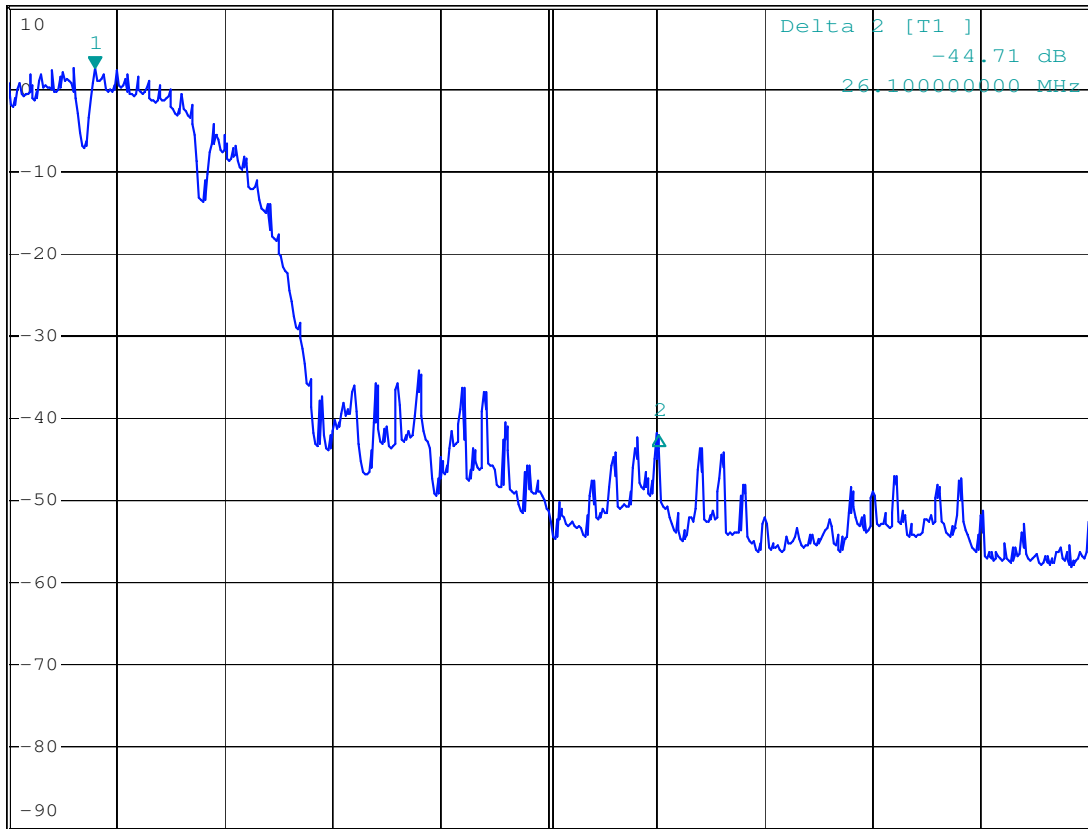
*Att 20 dB

*RBW 100 kHz Marker 1 [T1]

*VBW 300 kHz 2.59 dBm

*SWT 5 ms 2.462500000 GHz

1 PK
MAXH



Center 2.4835 GHz

5 MHz/

Span 50 MHz

Date: 28.JUN.2010 15:57:13

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Mode: 802.11g (conducted measurement)

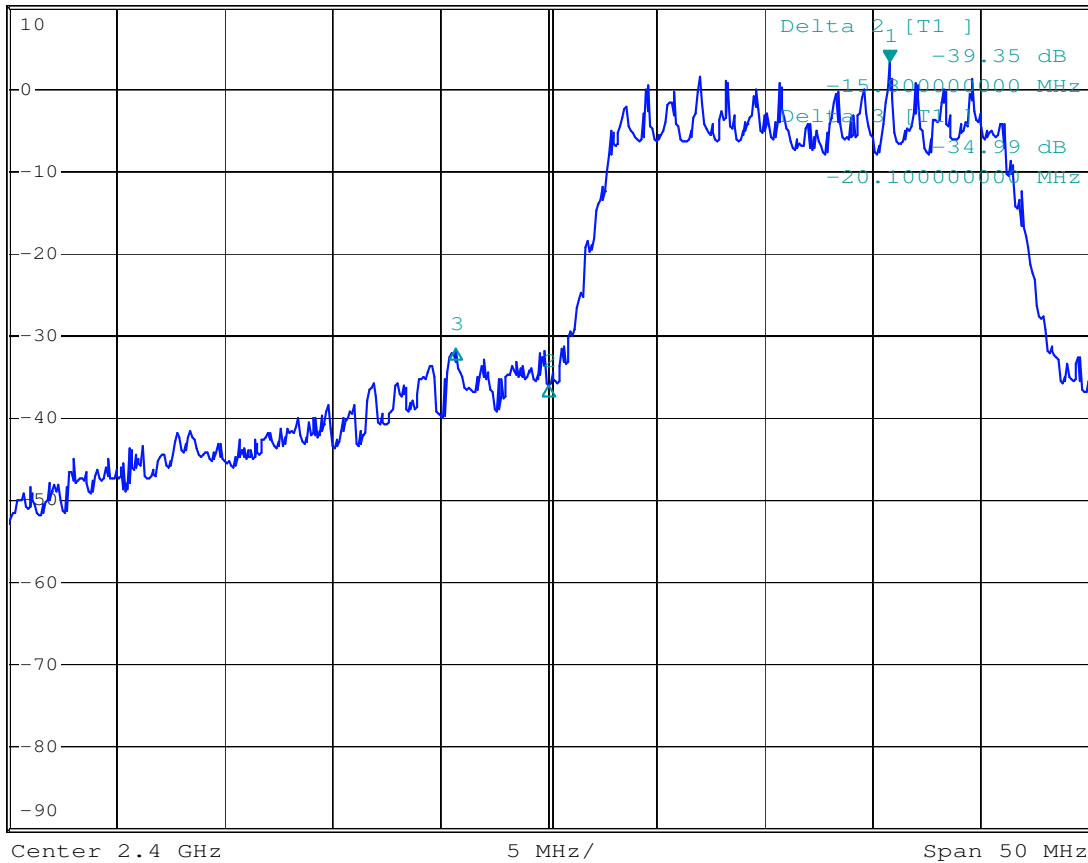
Channel 1



MARKER 1
2.4158 GHz
Ref 10 dBm *Att 20 dB

*RBW 100 kHz Marker 1 [T1]
*VBW 300 kHz 3.29 dBm
SWT 5 ms 2.415800000 GHz

1 PK
MAXH



Date: 26.APR.2010 18:39:47

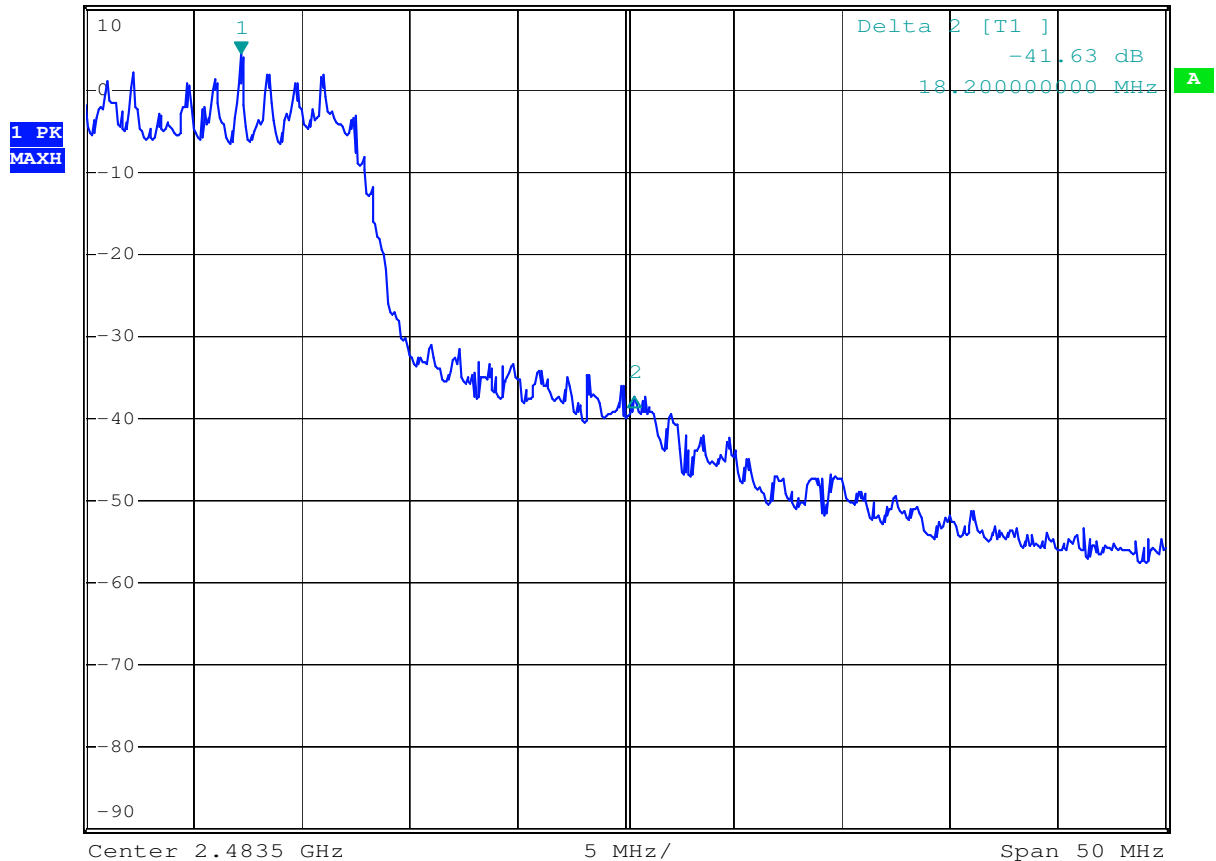
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Mode: 802.11g (conducted measurement)
Channel 11



MARKER 1
 2.4657 GHz
 Ref 10 dBm *Att 20 dB

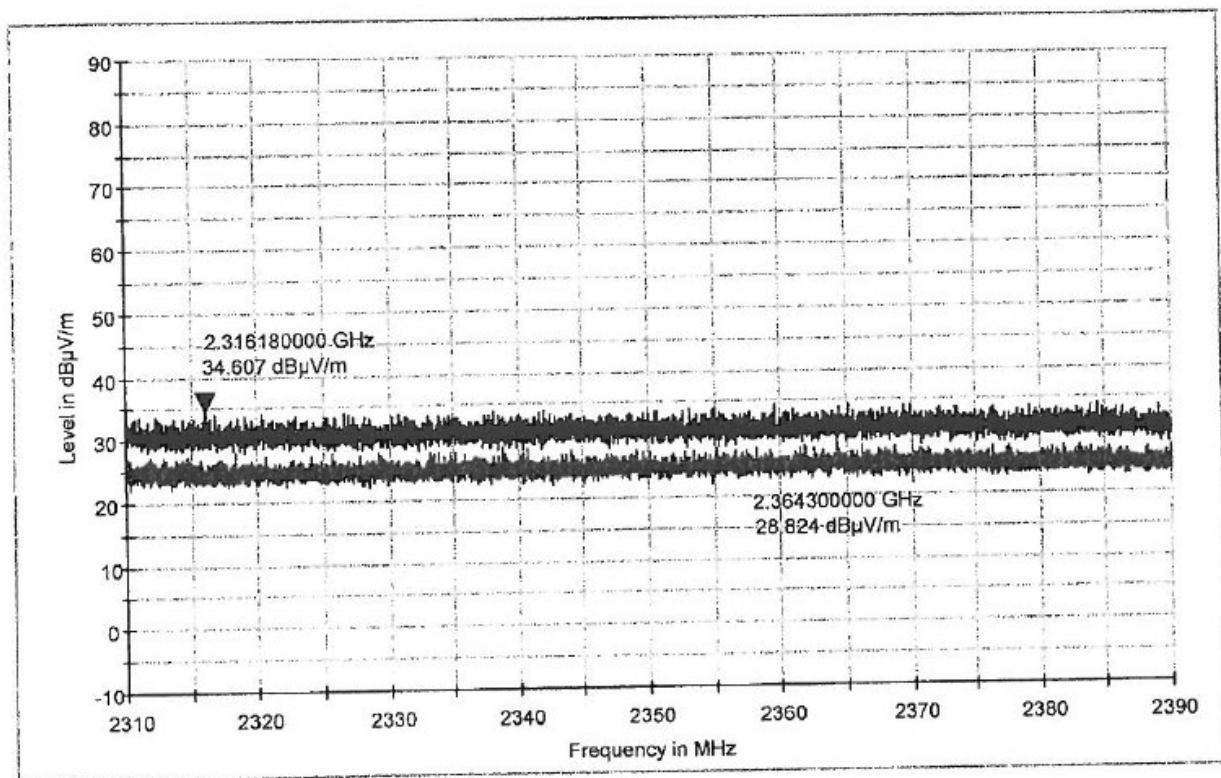
*RBW 100 kHz Marker 1 [T1]
 *VBW 300 kHz 4.24 dBm
 *SWT 5 ms 2.465700000 GHz



Date: 28.JUN.2010 15:59:33

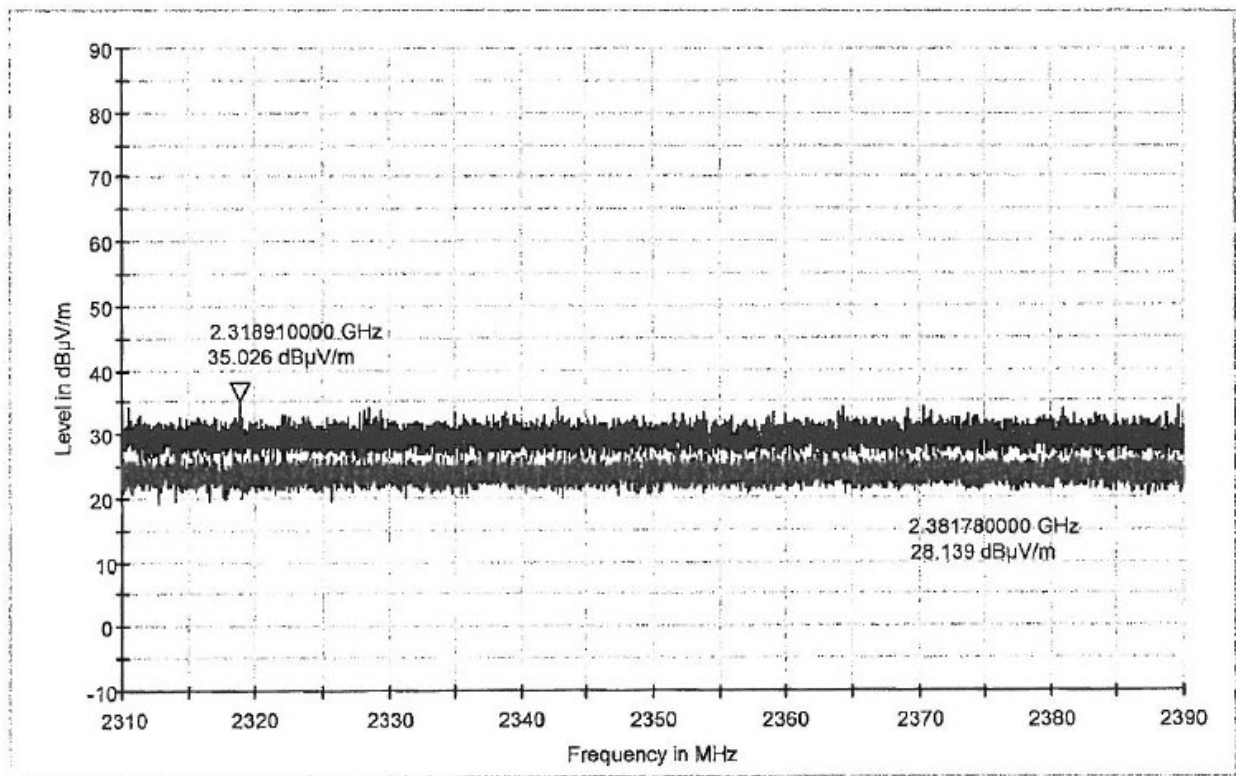
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Mode: 802.11b (radiated measurement)
Vertical polarization
Channel 1



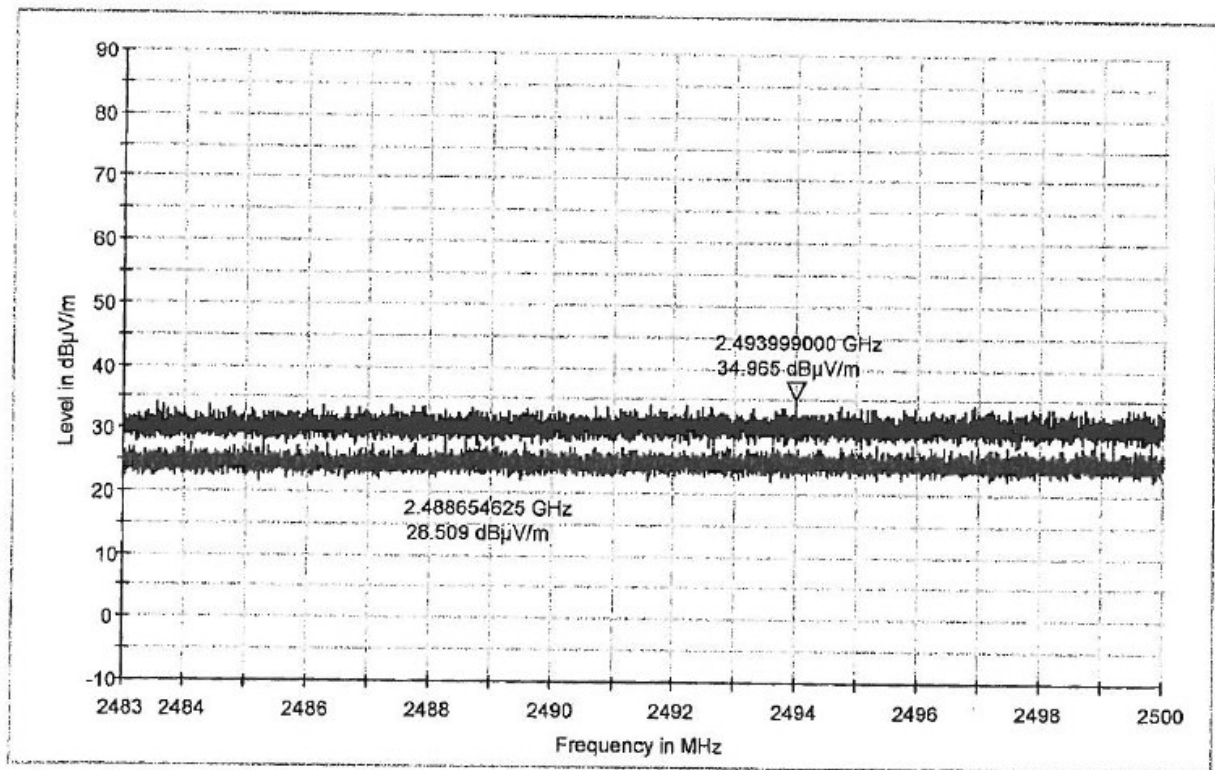
www.tuv.com

Mode: 802.11b (radiated measurement)
Horizontal polarization
Channel 1



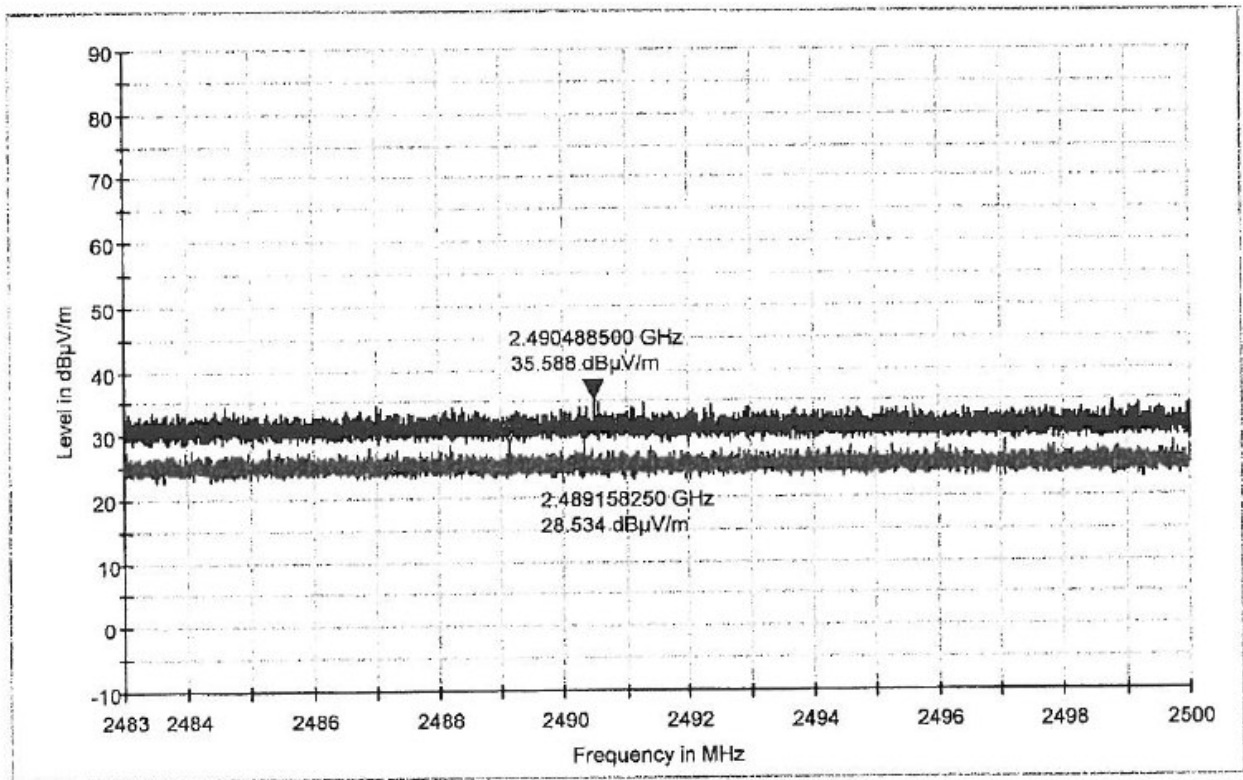
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Mode: 802.11b (radiated measurement)
Vertical polarization
Channel 11



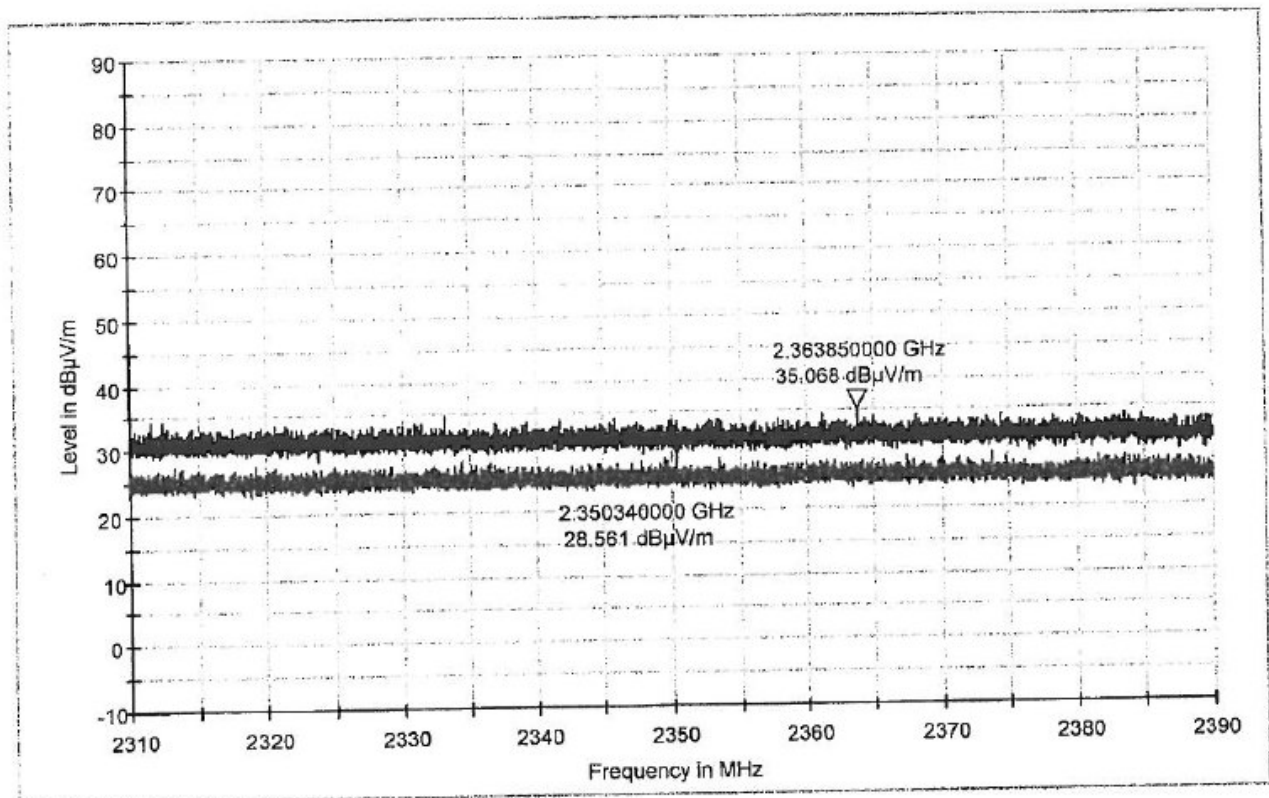
www.tuv.com

Mode: 802.11b (radiated measurement)
Horizontal polarization
Channel 11



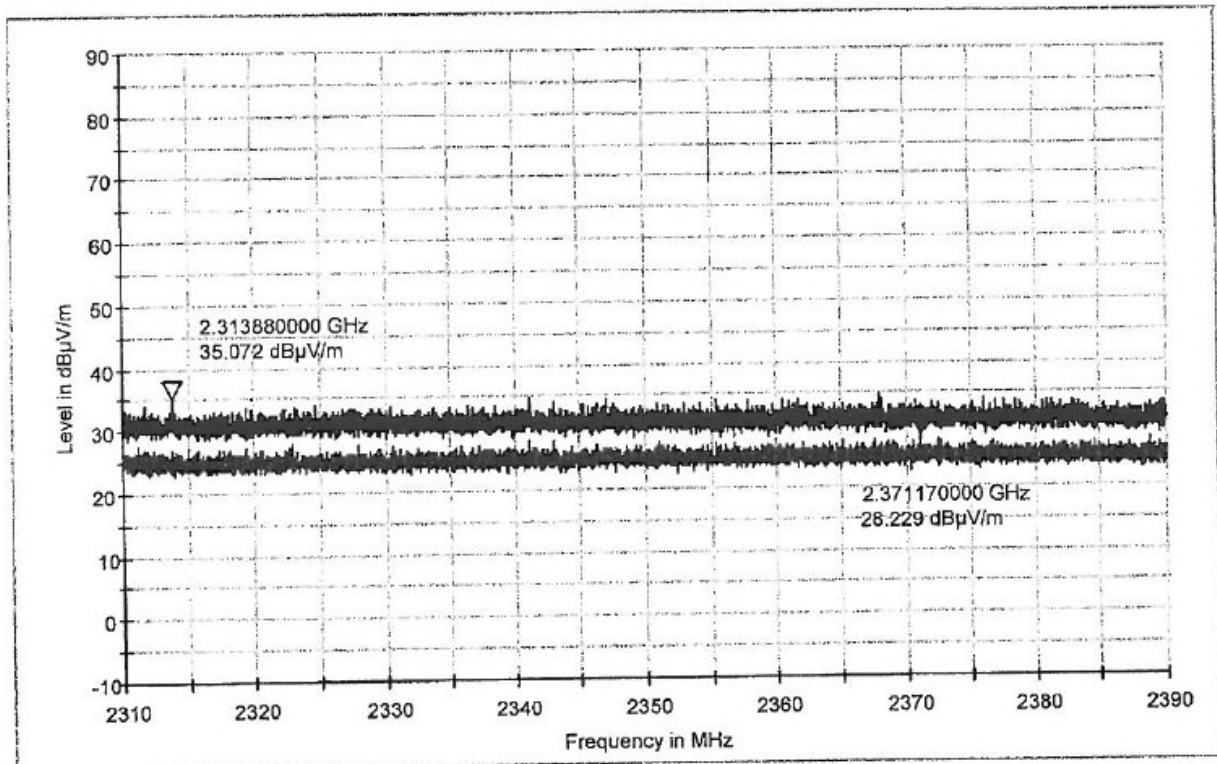
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Mode: 802.11g (radiated measurement)
Vertical polarization
Channel 1



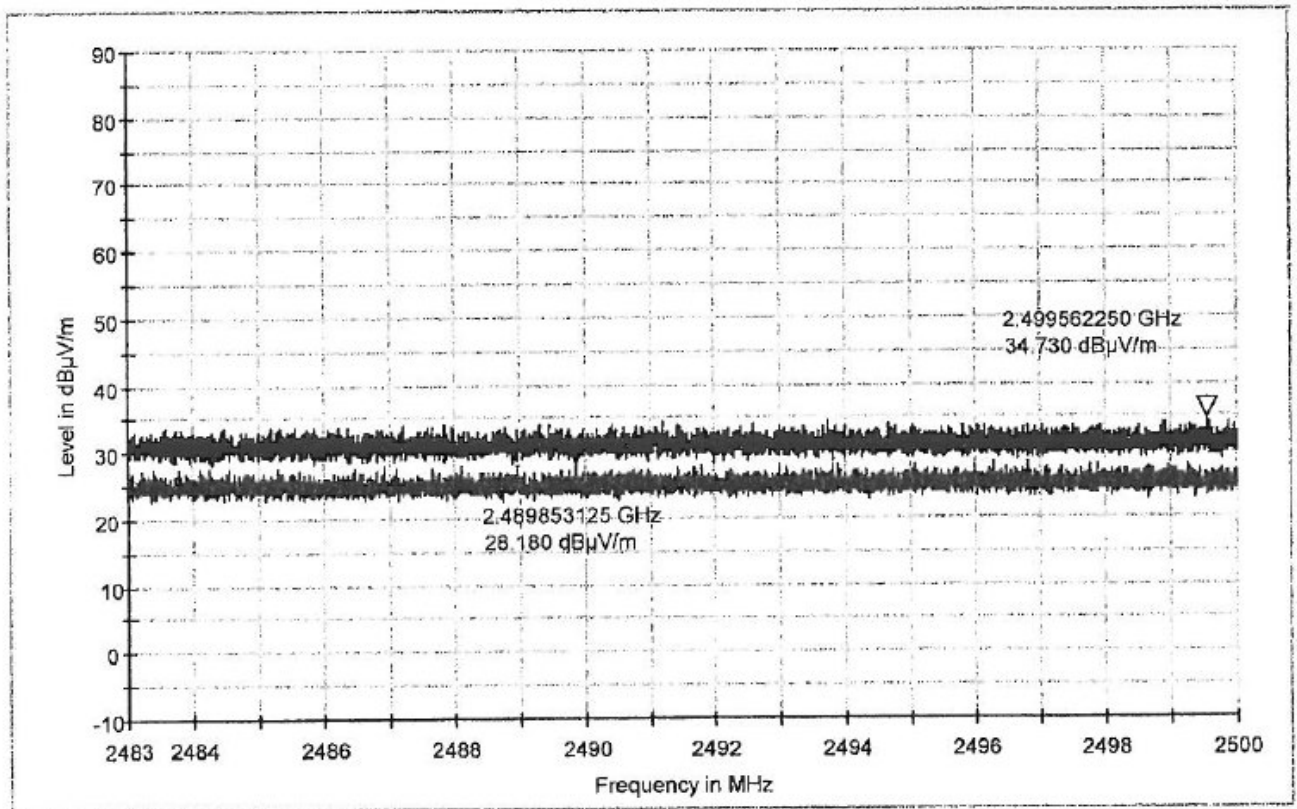
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Mode: 802.11g (radiated measurement)
Horizontal polarization
Channel 1



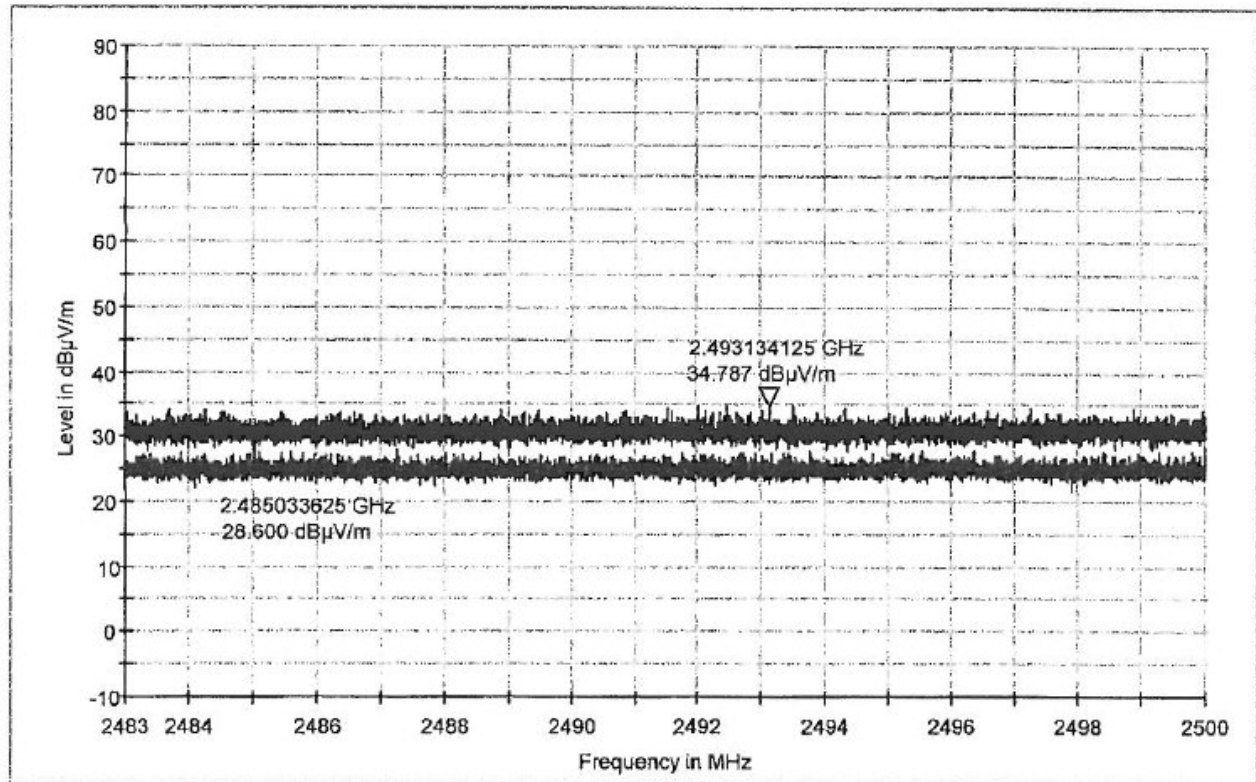
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Mode: 802.11g (radiated measurement)
Vertical polarization
Channel 11



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Mode: 802.11g (radiated measurement)
Horizontal polarization
Channel 11



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Power Spectral Density

Mode: 802.11b

Channel 1



MARKER 1

2.4111426 GHz

Ref 10 dBm

*Att 20 dB

*RBW 3 kHz

*VBW 10 kHz

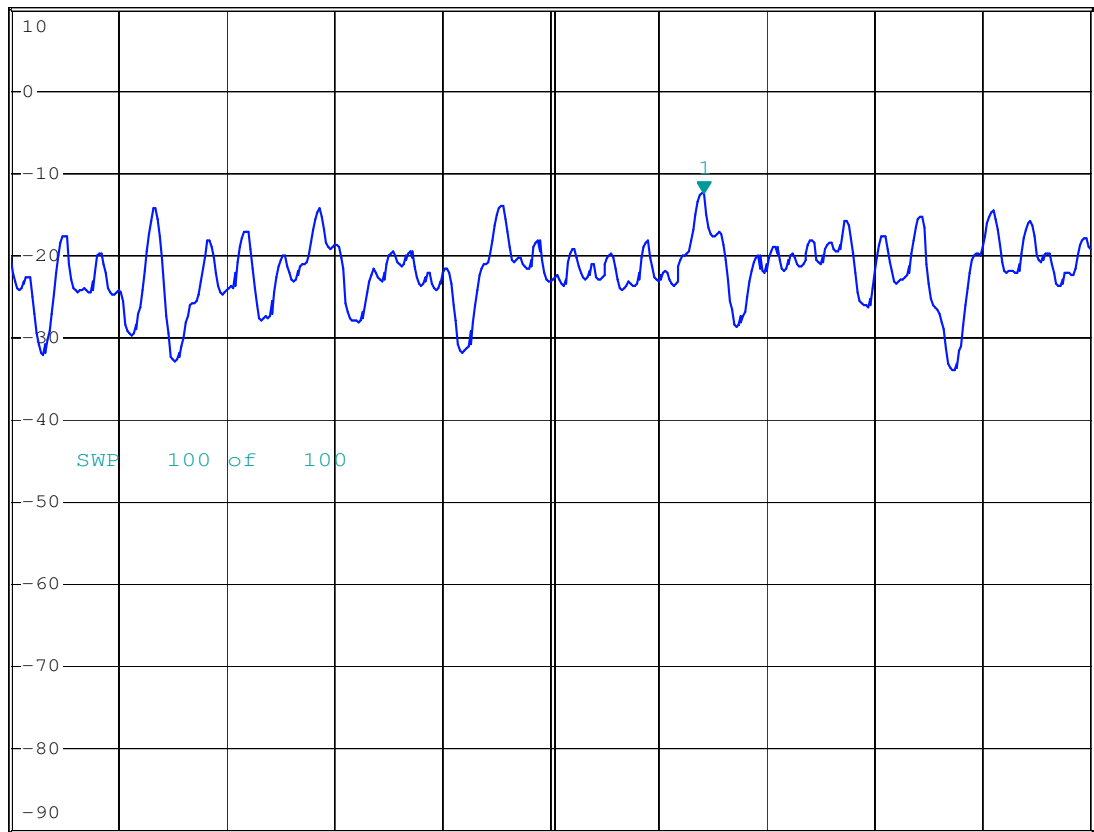
SWT 35 ms

Marker 1 [T1]

-12.49 dBm

2.411142600 GHz

1 PK
MAXH



Center 2.4111 GHz

30 kHz/

Span 300 kHz

Date: 26.APR.2010 18:09:40

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Mode: 802.11b
Channel 6

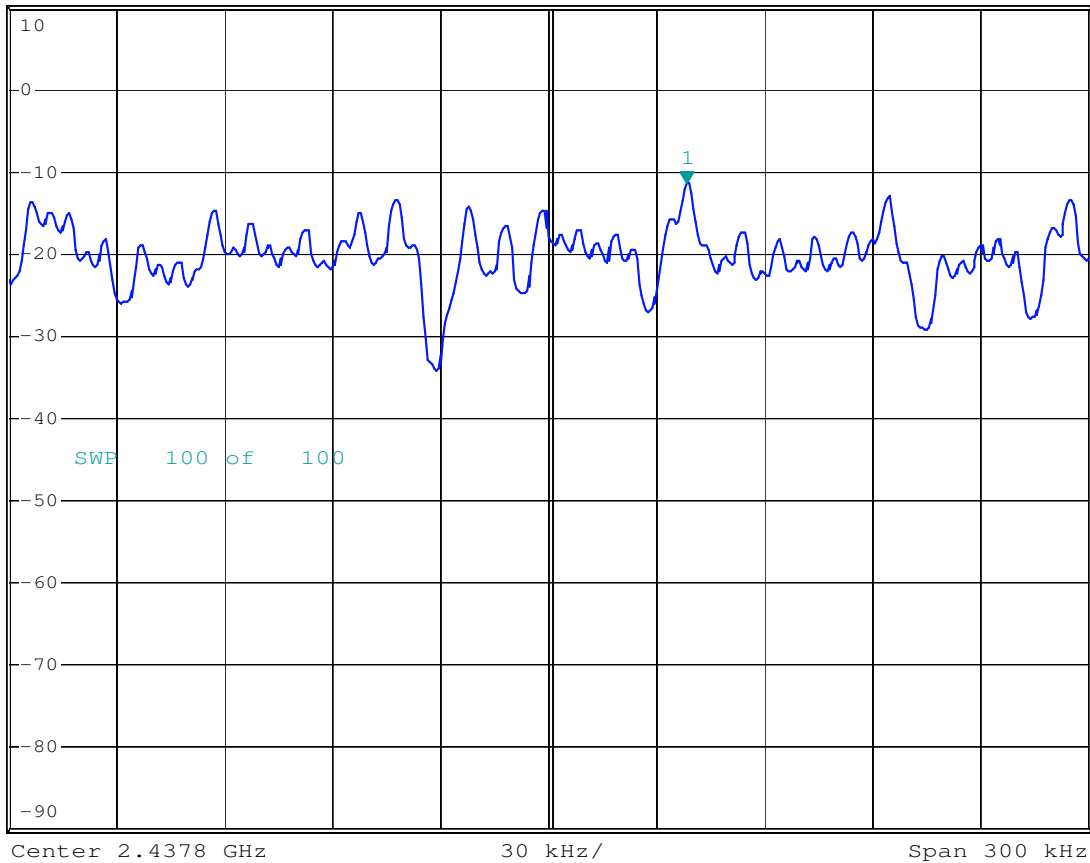


MARKER 1
2.4378384 GHz

*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz -11.40 dBm
SWT 35 ms 2.437838400 GHz

Ref 10 dBm *Att 20 dB

1 PK
MAXH



Date: 28.JUN.2010 16:18:24

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Mode: 802.11b
Channel 11

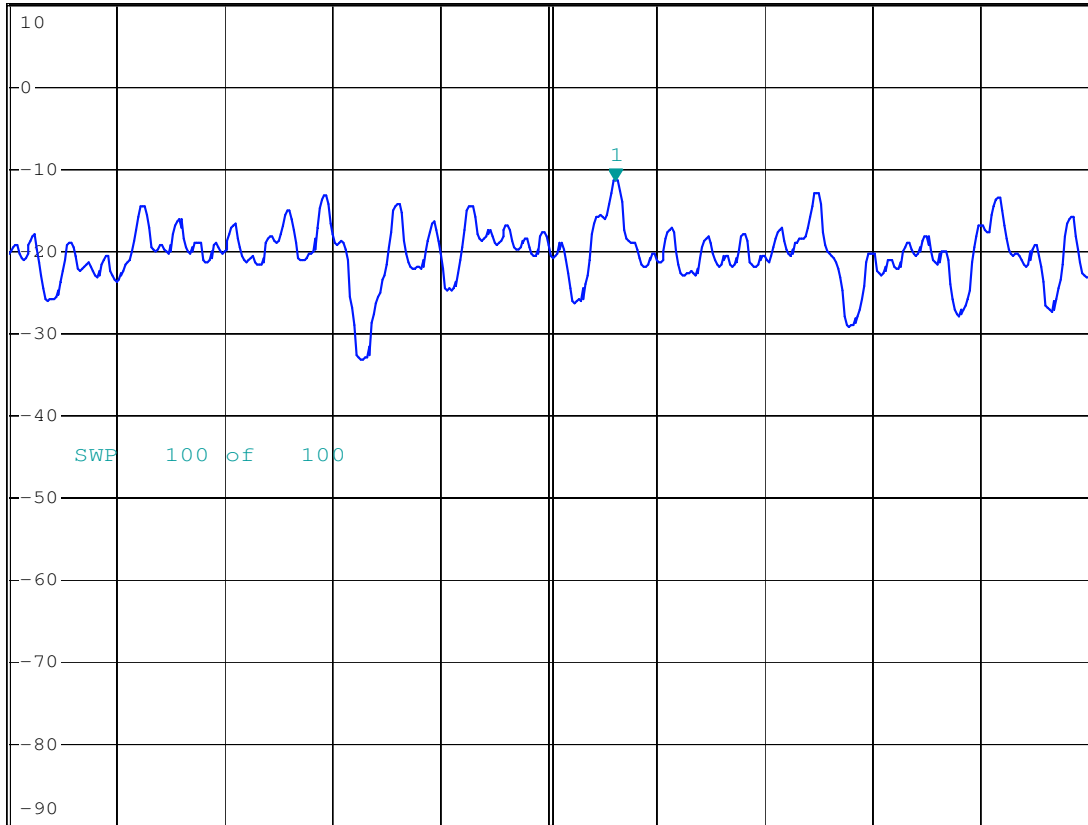


MARKER 1
2.4628386 GHz

*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz -11.33 dBm
SWT 35 ms 2.462838600 GHz

Ref 10 dBm *Att 20 dB

1 PK
MAXH



Center 2.46282 GHz

30 kHz/

Span 300 kHz

Date: 28.JUN.2010 16:17:09

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Mode: 802.11g

Channel 1



MARKER 1

2.4157674 GHz

Ref 10 dBm

*Att 20 dB

*RBW 3 kHz

*VBW 10 kHz

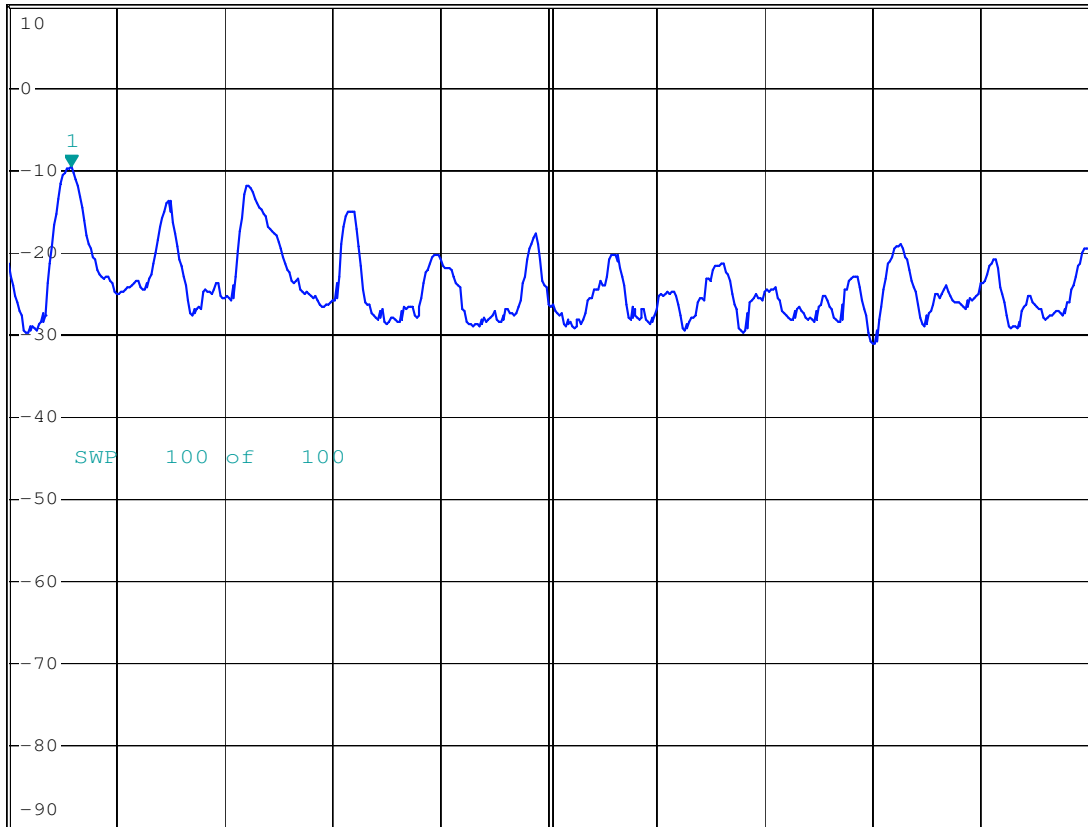
SWT 35 ms

Marker 1 [T1]

-9.66 dBm

2.415767400 GHz

1 PK
MAXH



Center 2.4159 GHz

30 kHz/

Span 300 kHz

Date: 26.APR.2010 18:02:06

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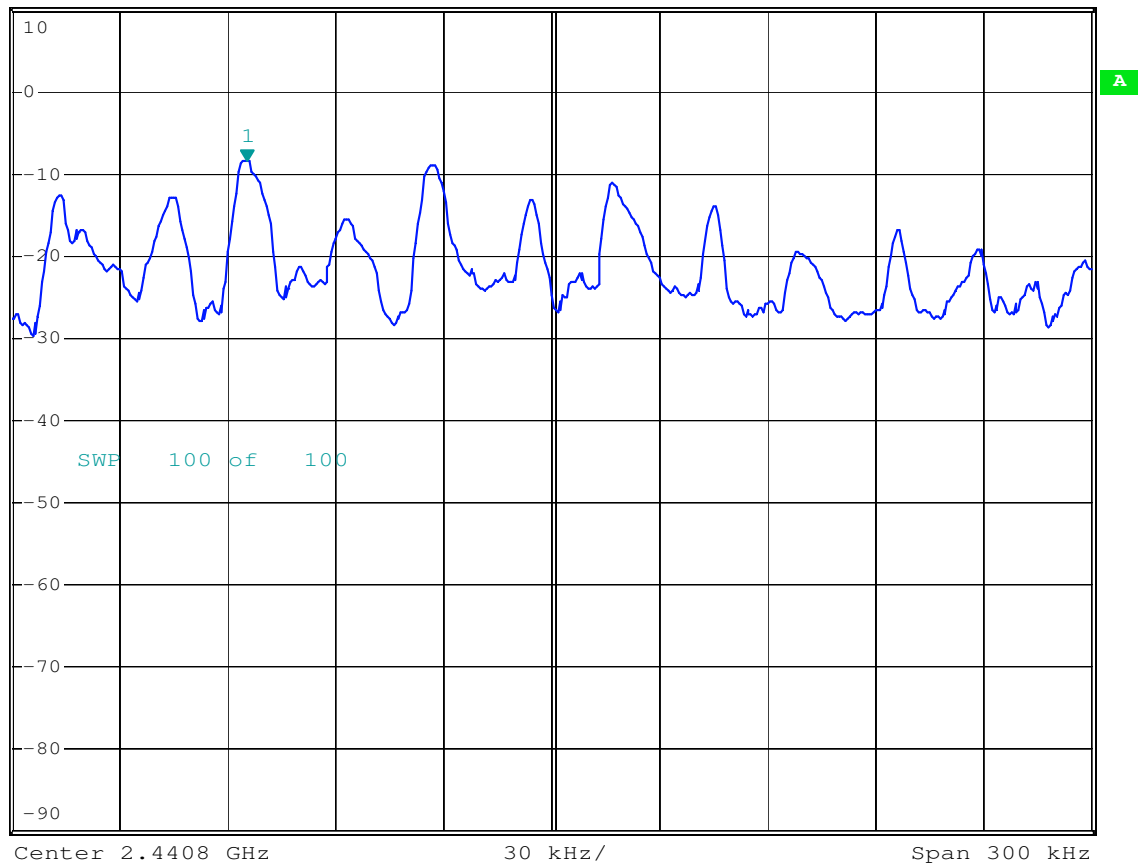
Mode: 802.11g
Channel 6



MARKER 1
2.4407154 GHz
Ref 10 dBm *Att 20 dB

*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz -8.38 dBm
SWT 35 ms 2.440715400 GHz

1 PK
MAXH



Date: 28.JUN.2010 16:04:34

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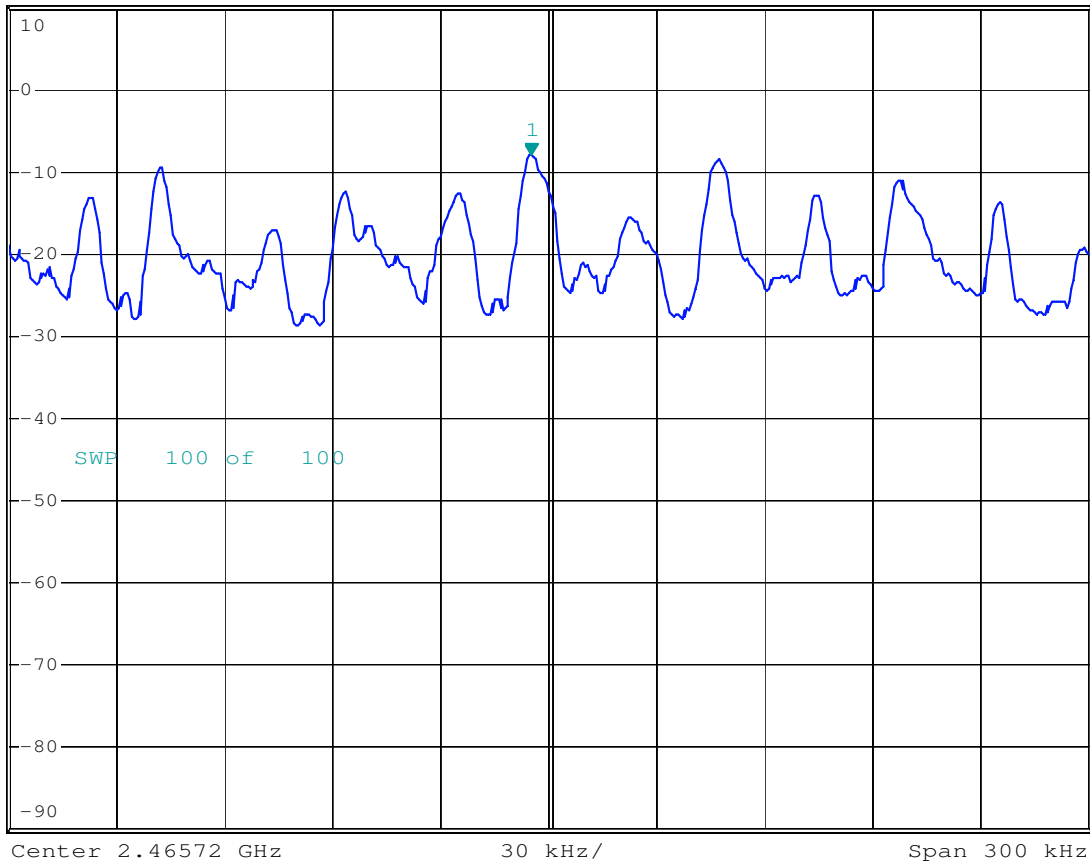
Mode: 802.11g
Channel 11



MARKER 1
2.4657152 GHz
Ref 10 dBm *Att 20 dB

*RBW 3 kHz Marker 1 [T1]
*VBW 10 kHz -7.90 dBm
SWT 35 ms 2.465715200 GHz

1 PK
MAXH



Date: 28.JUN.2010 16:12:12