APPLICATION CERTIFICATION FCC Part 15C
On Behalf of
HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD

150M wireless usb adapter
Model No.: WU106A

FCC ID: YXA-WU106A

Prepared for	:	HAOYIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Address	:	No. 07# LangSha Road, SongGang, BaoAn, ShenZhen GuangDong, China
Prepared by	:	ACCURATE TECHNOLOGY CO., LTD
Address	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China
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Report Number	:	ATE20102255
Date of Test	:	November 2-4, 2010
Date of Report	:	November 5, 2010

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Test Report Certification

Applicant **:** HAOYIYUAN (SHENZHEN) ELECTRONIC CO., LTD

Manufacturer **:** HAOYIYUAN (SHENZHEN) ELECTRONIC CO., LTD

EUT Description **:** 150M wireless usb adapter

(A) MODEL NO.: WU106A

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 5V

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.247
ANSI C63.4: 2003

The device described above is tested by ACCURATE TECHNOLOGY CO. LTD to determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart C Section 15.247 limits. The measurement results are contained in this test report and ACCURATE TECHNOLOGY CO. LTD is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

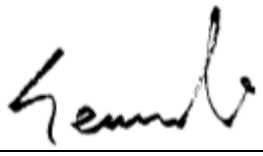
This report applies to above tested sample only. This report shall not be reproduced in part without written approval of ACCURATE TECHNOLOGY CO. LTD.

Date of Test : November 2-4, 2010

Prepared by :

(Engineer)

Approved & Authorized Signer :



(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	150M wireless usb adapter
Model Number	:	WU106A
Frequency Band	:	2412-2462MHz
Number of Channels	:	11
Antenna Gain	:	0dBi
Power Supply	:	DC 5V (USB terminal)
Data Rate	:	IEEE 802.11b: 11Mbps IEEE 802.11g: 54Mbps IEEE 802.11n: 150Mbps
Applicant	:	HAOYIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Address	:	No. 07# LangSha Road, SongGang, BaoAn, ShenZhen GuangDong, China
Manufacturer	:	HAOYIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Address	:	No. 07# LangSha Road, SongGang, BaoAn, ShenZhen GuangDong, China
Date of sample received	:	October 25, 2010
Date of Test	:	November 2-4, 2010

1.2.Description of Test Facility

EMC Lab	:	Accredited by TUV Rheinland Shenzhen Listed by FCC The Registration Number is 752051 Listed by Industry Canada The Registration Number is 5077A-2 Accredited by China National Accreditation Committee for Laboratories The Certificate Registration Number is L3193
Name of Firm	:	ACCURATE TECHNOLOGY CO. LTD
Site Location	:	F1, Bldg. A, Changyuan New Material Port, Keyuan Rd. Science & Industry Park, Nanshan, Shenzhen, Guangdong P.R. China

1.3.Measurement Uncertainty

Conducted Emission Expanded Uncertainty	=	2.23dB, k=2
Radiated emission expanded uncertainty (9kHz-30MHz)	=	3.08dB, k=2
Radiated emission expanded uncertainty (30MHz-1000MHz)	=	4.42dB, k=2
Radiated emission expanded uncertainty (Above 1GHz)	=	4.06dB, k=2

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 9, 2011
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 9, 2011
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 9, 2011
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 9, 2011
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 9, 2011
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 9, 2011
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 9, 2011
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 9, 2011
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 9, 2011

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The mode is used: **802.11b Transmitting mode**
Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

802.11g Transmitting mode
Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

802.11n Transmitting mode
Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

3.2.Configuration and peripherals

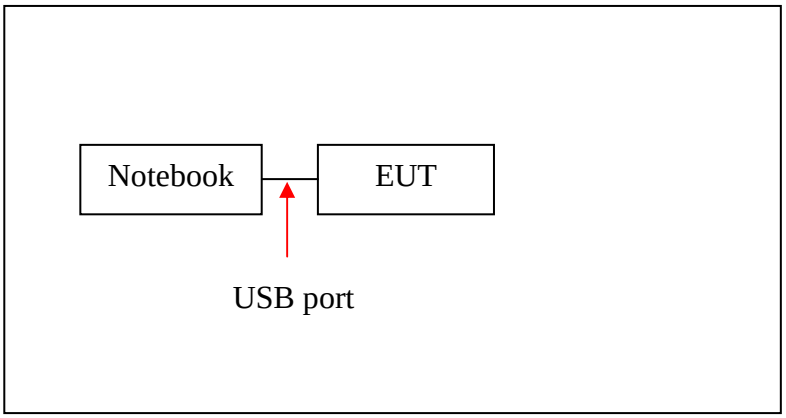


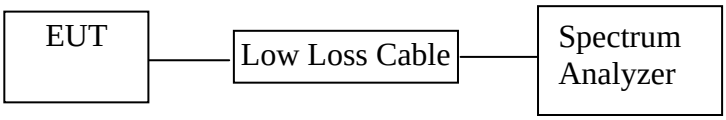
Figure 1 Setup: Transmitting mode

4. TEST PROCEDURES AND RESULTS

FCC Rules	**Description of Test**	**Result**
Section 15.247(a)(2)	6dB Bandwidth Test	Compliant
Section 15.247(e)	Power Spectral Density Test	Compliant
Section 15.247(b)(3)	Maximum Peak Output Power Test	Compliant
Section 15.247(d)	Band Edge Compliance Test	Compliant
Section 15.247(d) Section 15.209	Radiated Spurious Emission Test	Compliant
Section 15.207	AC Power Line Conducted Emission Test	Compliant
Section 15.203	Antenna Requirement	Compliant

5. 6DB BANDWIDTH MEASUREMENT

5.1.Block Diagram of Test Setup



(EUT: 150M wireless usb adapter)

5.2.The Requirement For Section 15.247(a)(1)

Section 15.247(a)(2): Systems using digital modulation techniques may operate in the 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz bands. The minimum 6 dB bandwidth shall be at least 500 kHz.

5.3.EUT Configuration on Measurement

The following equipment are installed on the emission measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

5.3.1.150M wireless usb adapter (EUT)

Model Number	**:**	WU106A
Serial Number	**:**	N/A
Manufacturer	**:**	HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD

5.4.Operating Condition of EUT

5.4.1.Setup the EUT and simulator as shown as Section 5.1.

5.4.2.Turn on the power of all equipment.

5.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

5.5.Test Procedure

5.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.

5.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz.

5.5.3.The 6dB bandwidth is defined as the total spectrum the power of which is higher than peak power minus 6dB.

5.6.Test Result

PASS.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	TX	Test Engineer:	Joe

The test was performed with 802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	10.76	> 0.5MHz
Middle	2437	10.60	> 0.5MHz
High	2462	10.48	> 0.5MHz

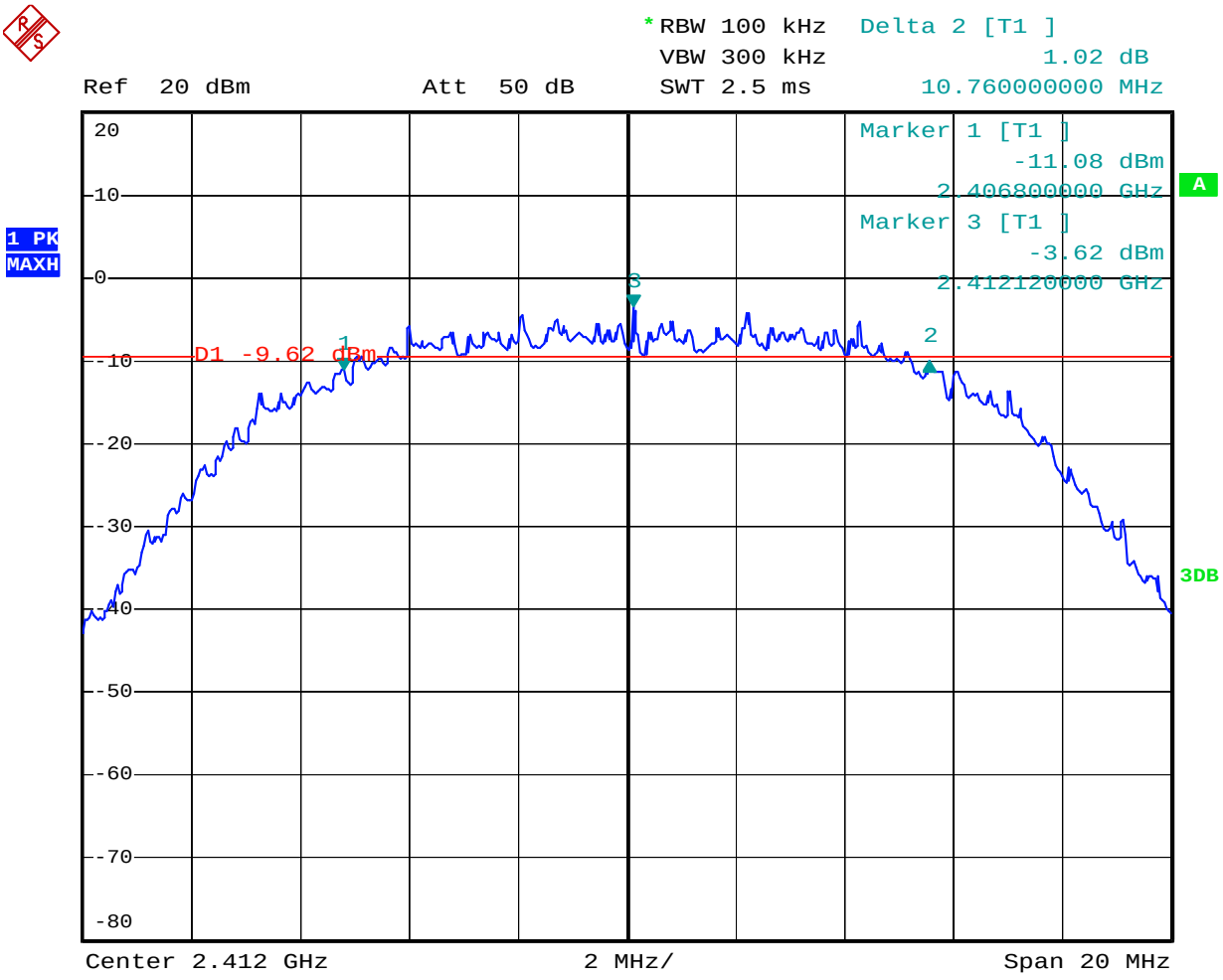
The test was performed with 802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.60	> 0.5MHz
Middle	2437	16.56	> 0.5MHz
High	2462	16.56	> 0.5MHz

The test was performed with 802.11n			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	17.76	> 0.5MHz
Middle	2437	17.72	> 0.5MHz
High	2462	17.76	> 0.5MHz

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



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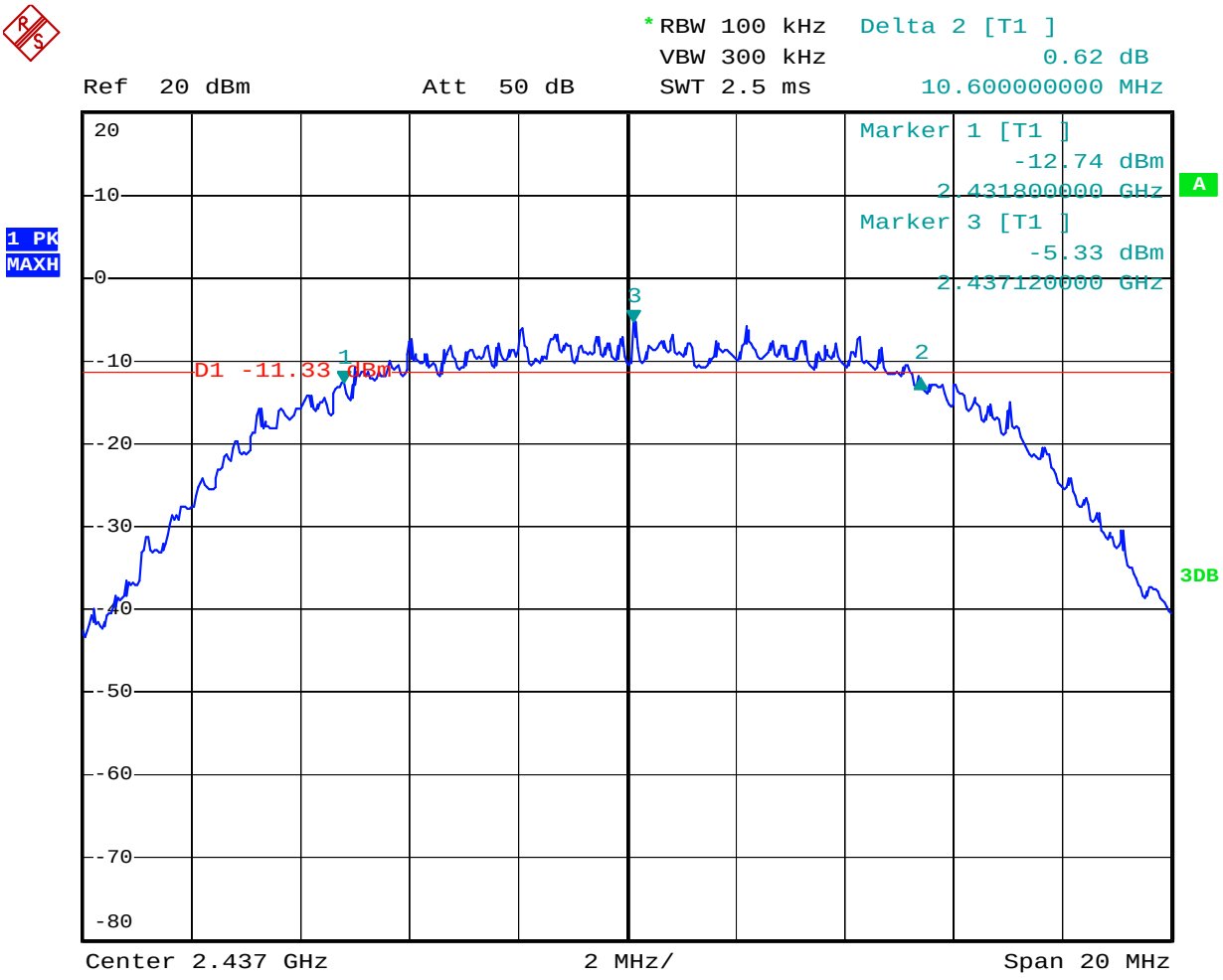
802.11b Channel Middle 2437MHz



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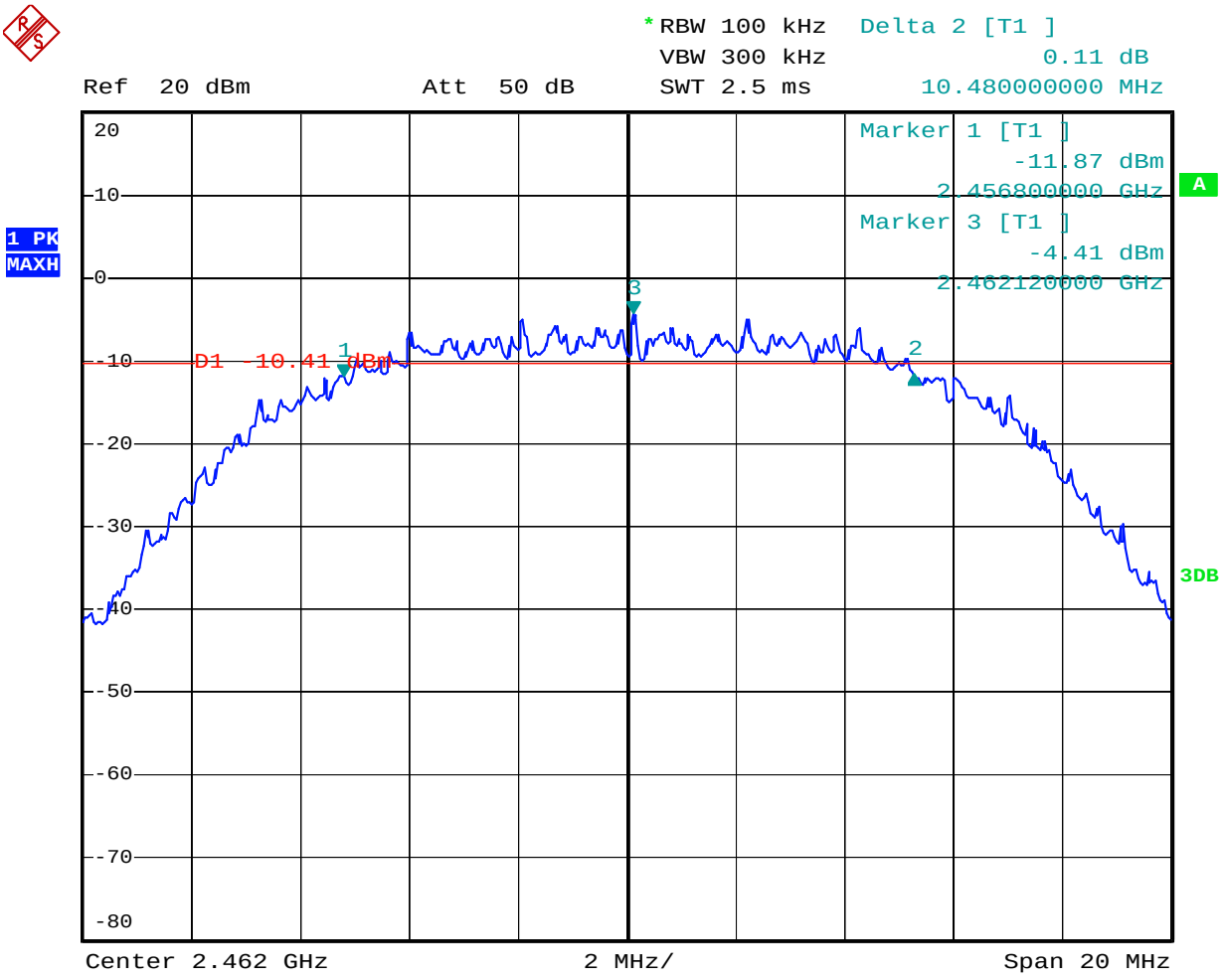
802.11b Channel High 2462MHz



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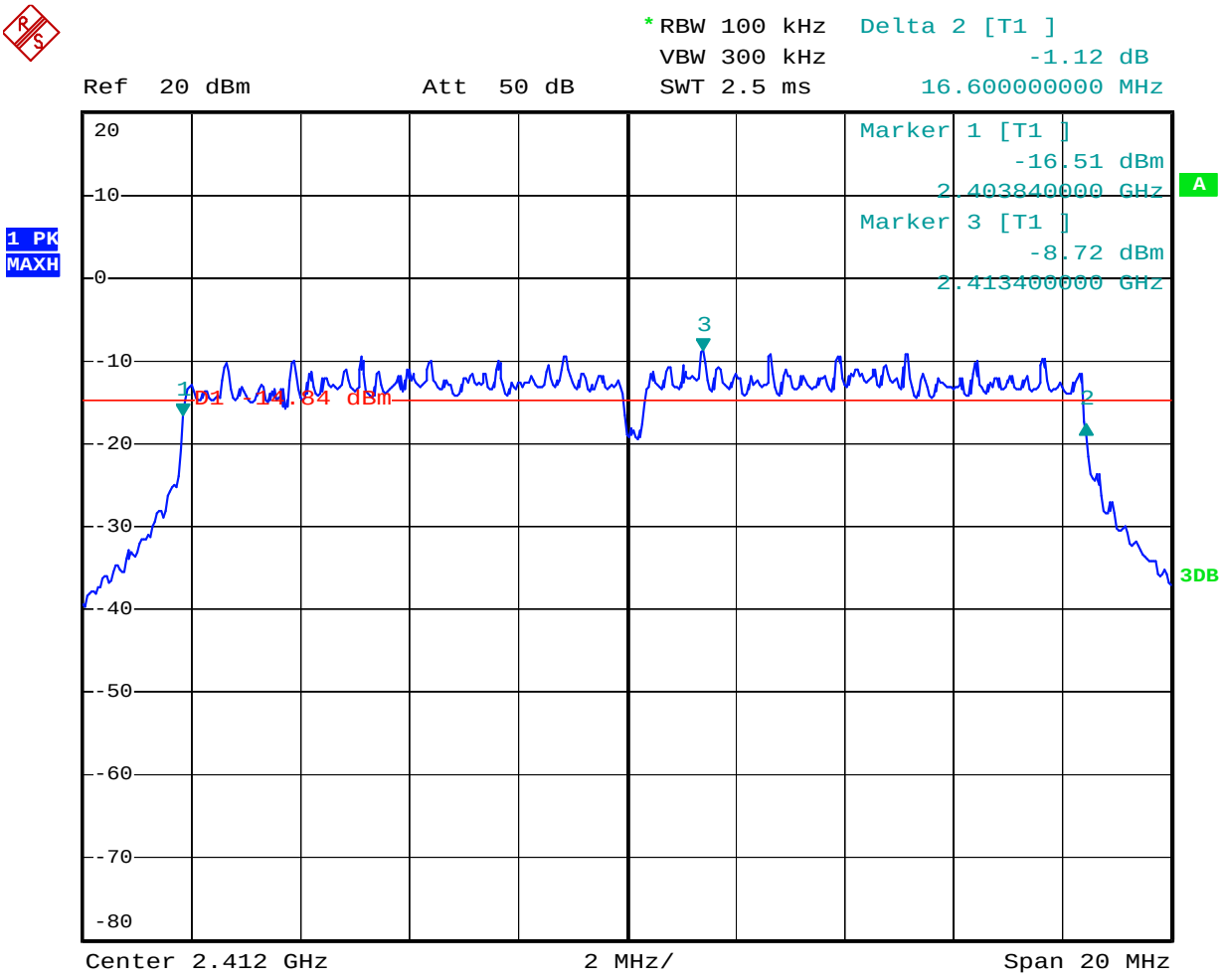
802.11g Channel Low 2412MHz



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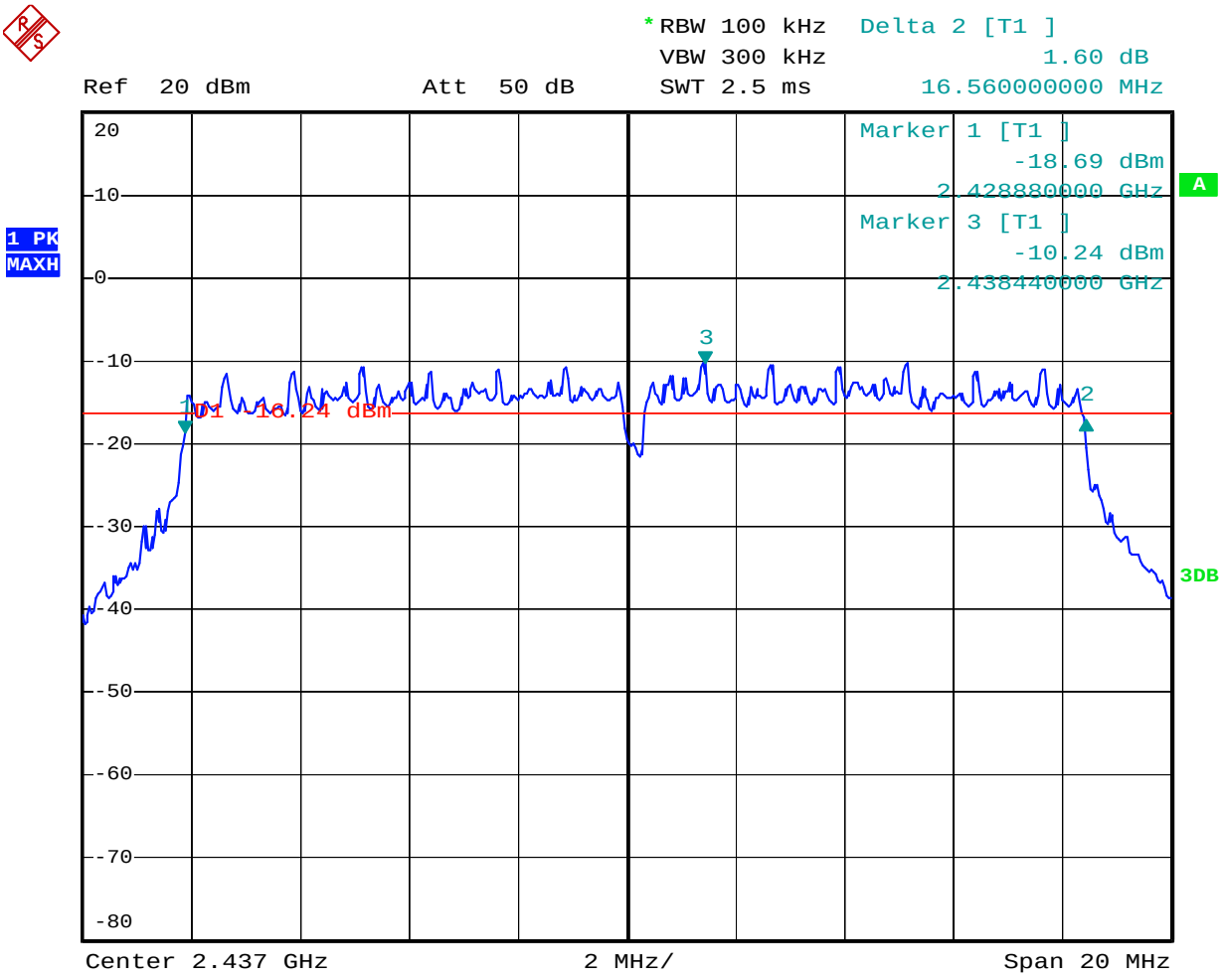
802.11g Channel Middle 2437MHz



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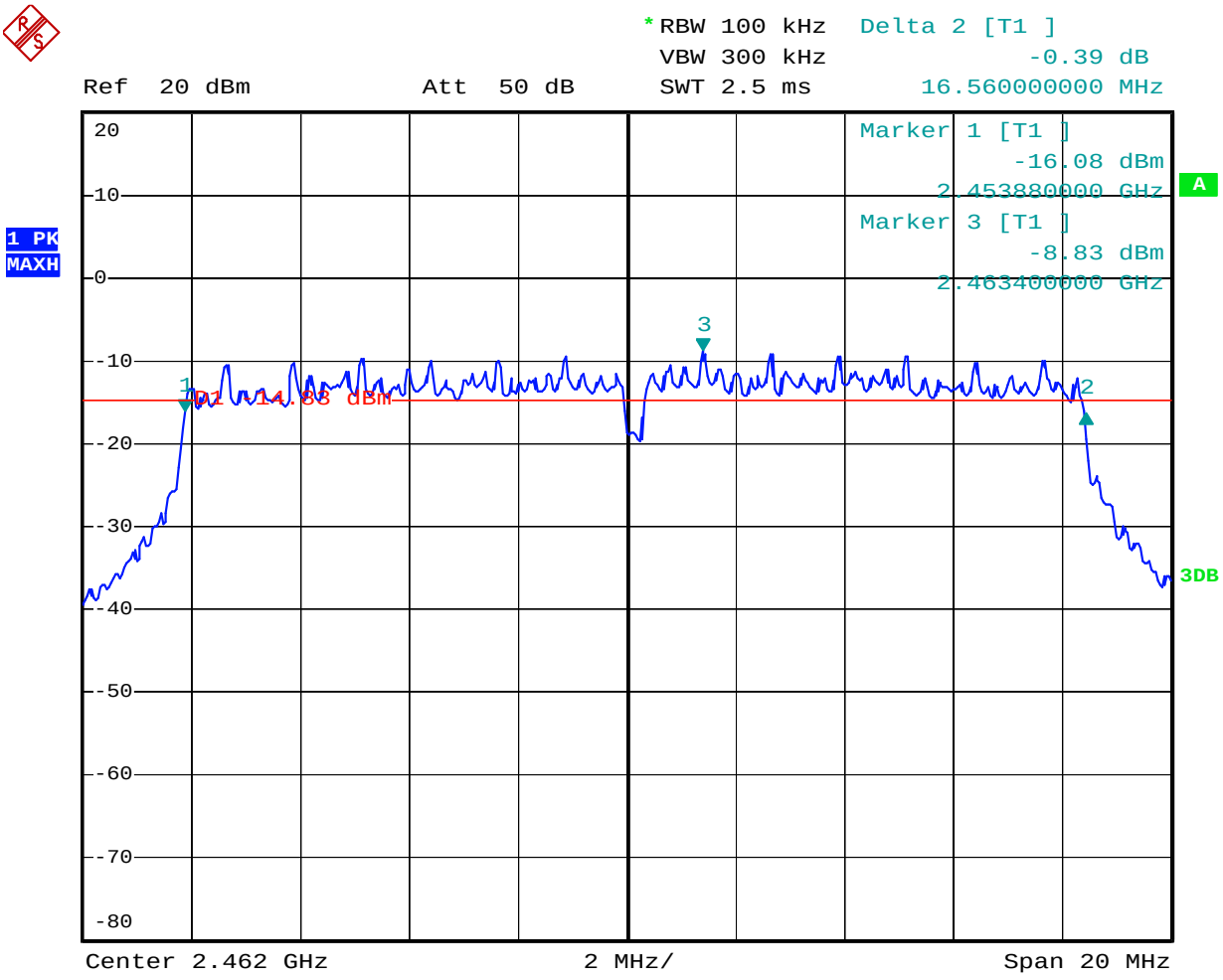
802.11g Channel High 2462MHz



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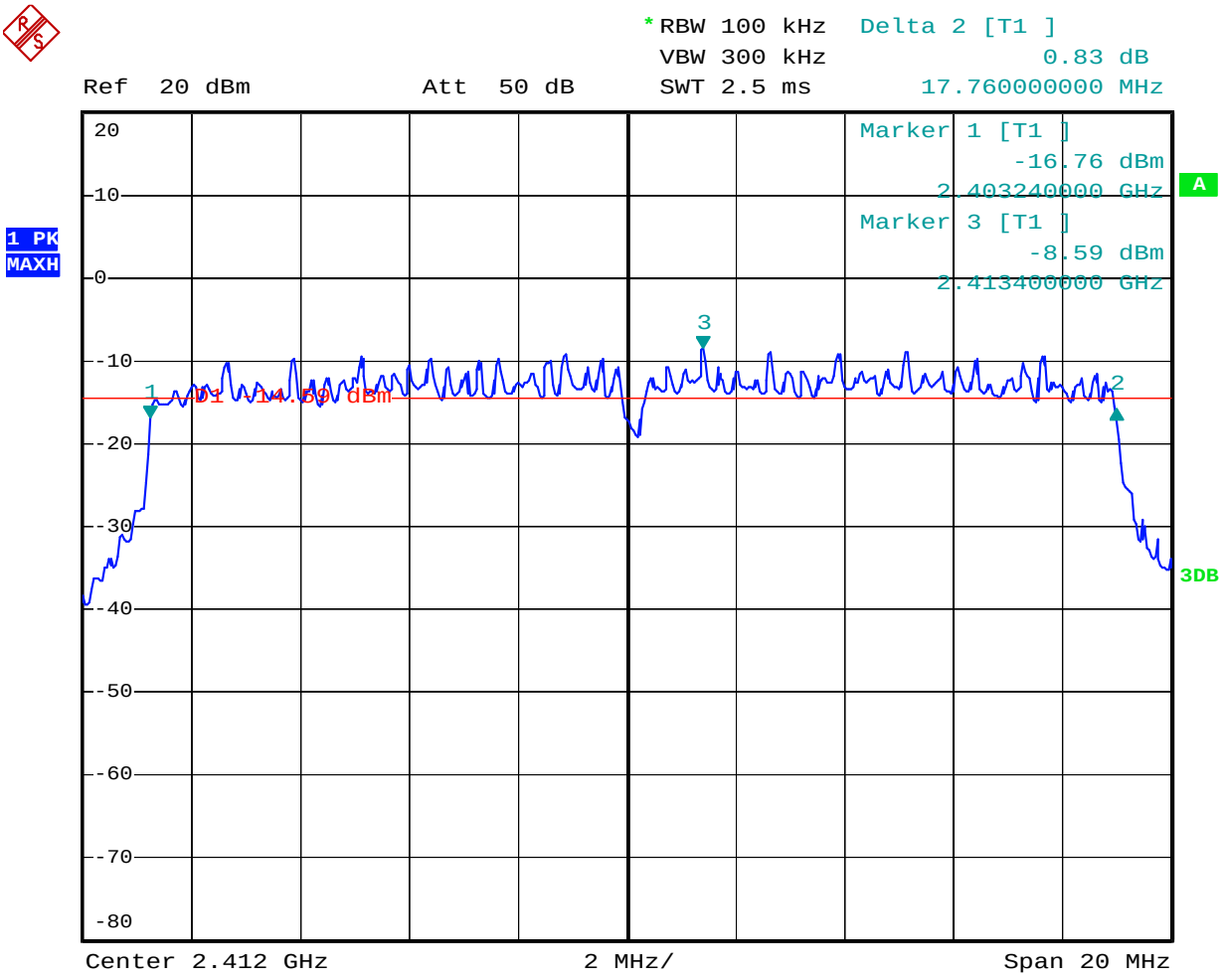
802.11n Channel Low 2412MHz



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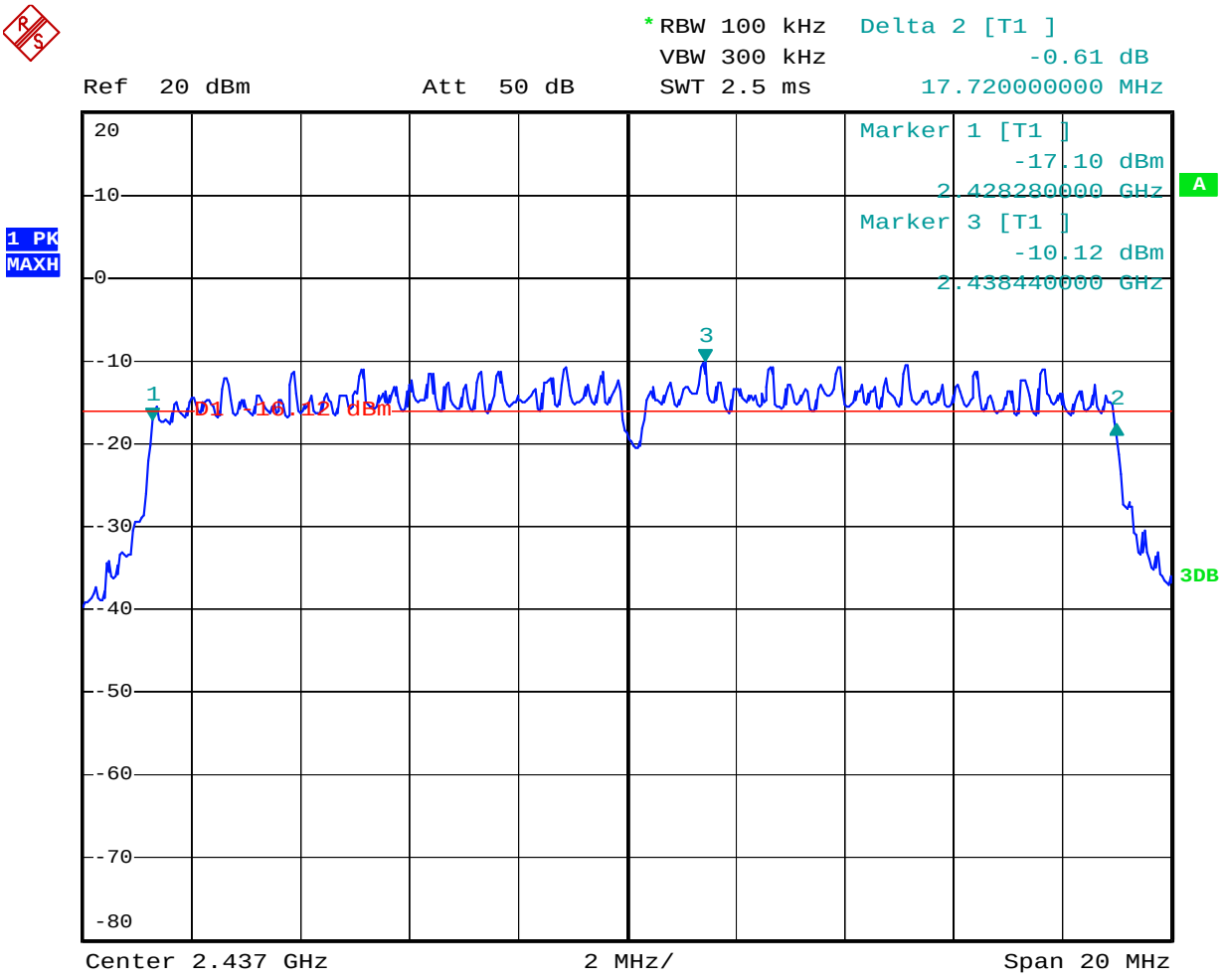
802.11n Channel Low 2437MHz



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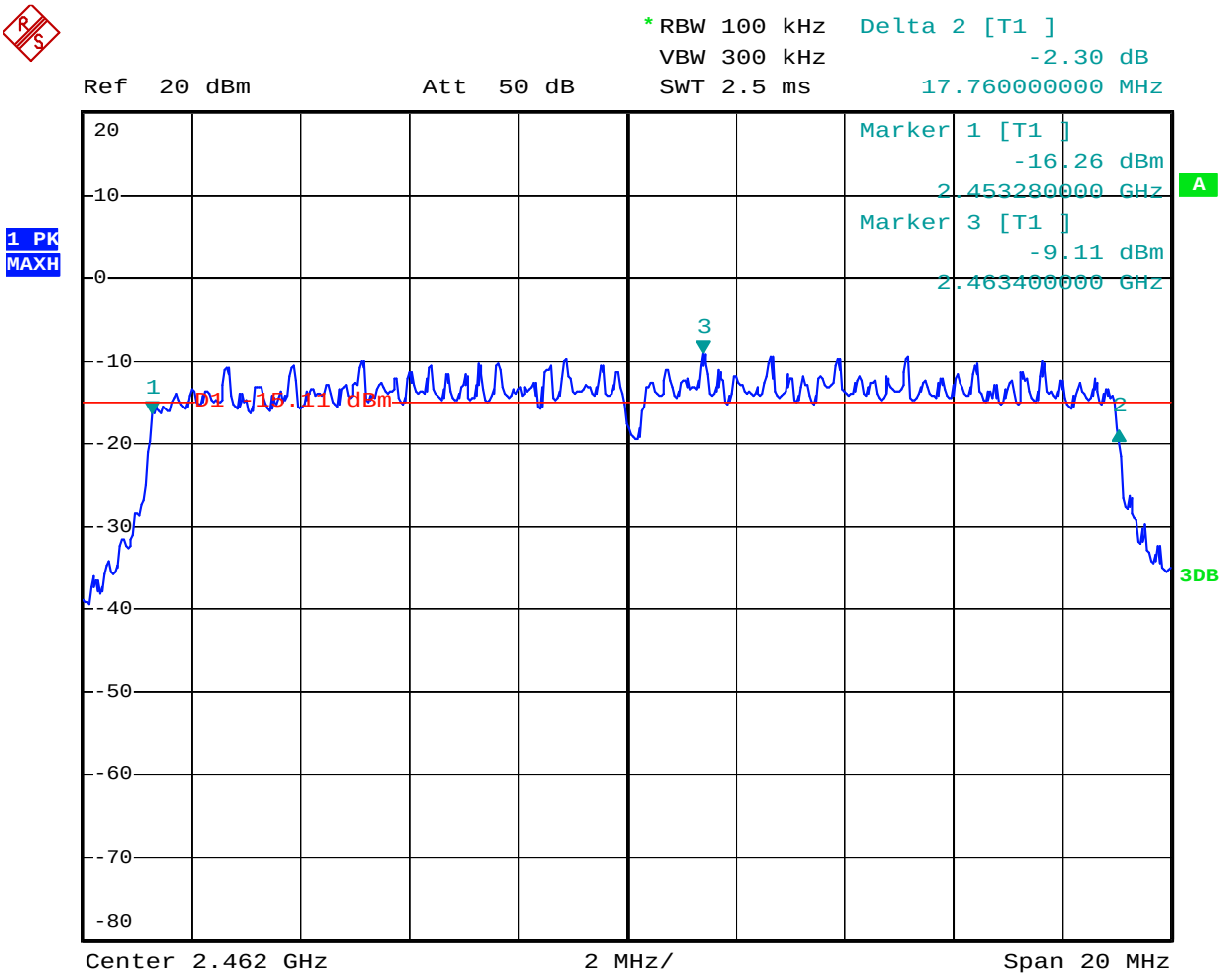
802.11n Channel Low 2462MHz



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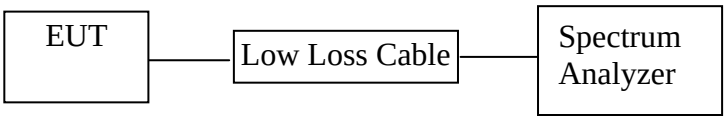
6. MAXIMUM PEAK OUTPUT POWER

6.1.Block Diagram of Test Setup



(EUT: 150M wireless usb adapter)

6.2.The Requirement For Section 15.247(b)(3)

Section 15.247(b)(3): For systems using digital modulation in the 902-928MHz, 2400-2483.5MHz, and 5725-5850MHz bands: 1 Watt.

6.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

6.3.1.150M wireless usb adapter (EUT)

Model Number	**:**	WU106A
Serial Number	**:**	N/A
Manufacturer	**:**	HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD

6.4.Operating Condition of EUT

6.4.1.Setup the EUT and simulator as shown as Section 6.1.

6.4.2.Turn on the power of all equipment.

6.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

6.5. Test Procedure

6.5.1. The transmitter output was connected to the spectrum analyzer through a low loss cable.

6.5.2. Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz.

6.5.3. Measurement the maximum peak output power.

6.6. Test Result

PASS.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	TX	Test Engineer:	Joe

The test was performed with 802.11b

Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	10.95	12.45	30 dBm / 1 W
Middle	2437	9.68	9.29	30 dBm / 1 W
High	2462	10.58	11.43	30 dBm / 1 W

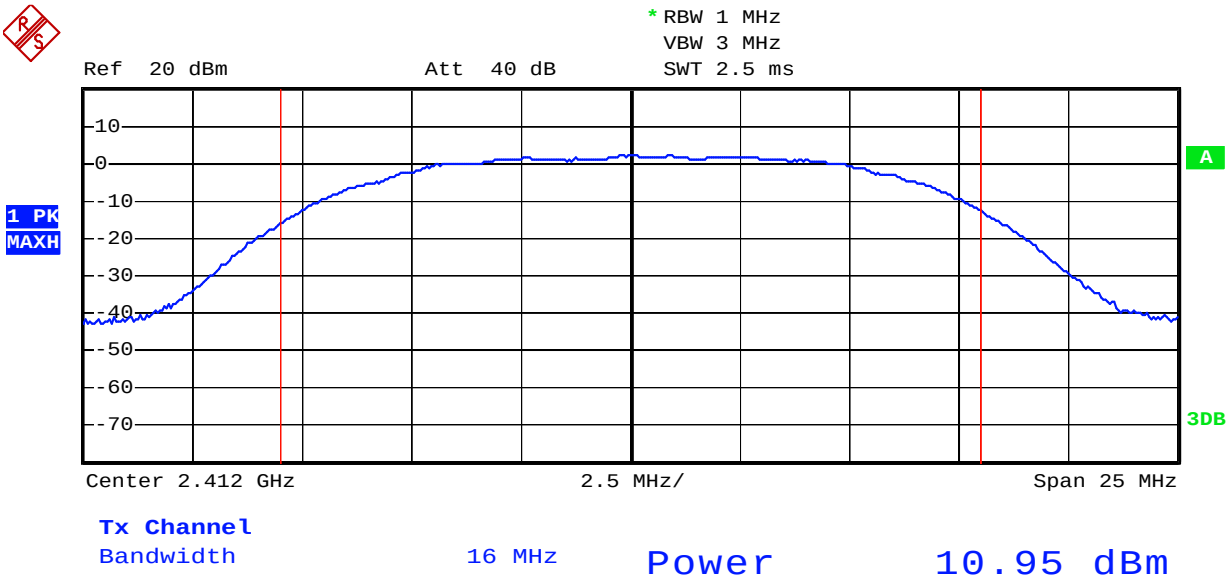
The test was performed with 802.11g

Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	10.10	10.23	30 dBm / 1 W
Middle	2437	9.00	7.94	30 dBm / 1 W
High	2462	10.01	10.02	30 dBm / 1 W

The test was performed with 802.11n				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.67	9.27	30 dBm / 1 W
Middle	2437	8.65	7.33	30 dBm / 1 W
High	2462	9.63	9.18	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



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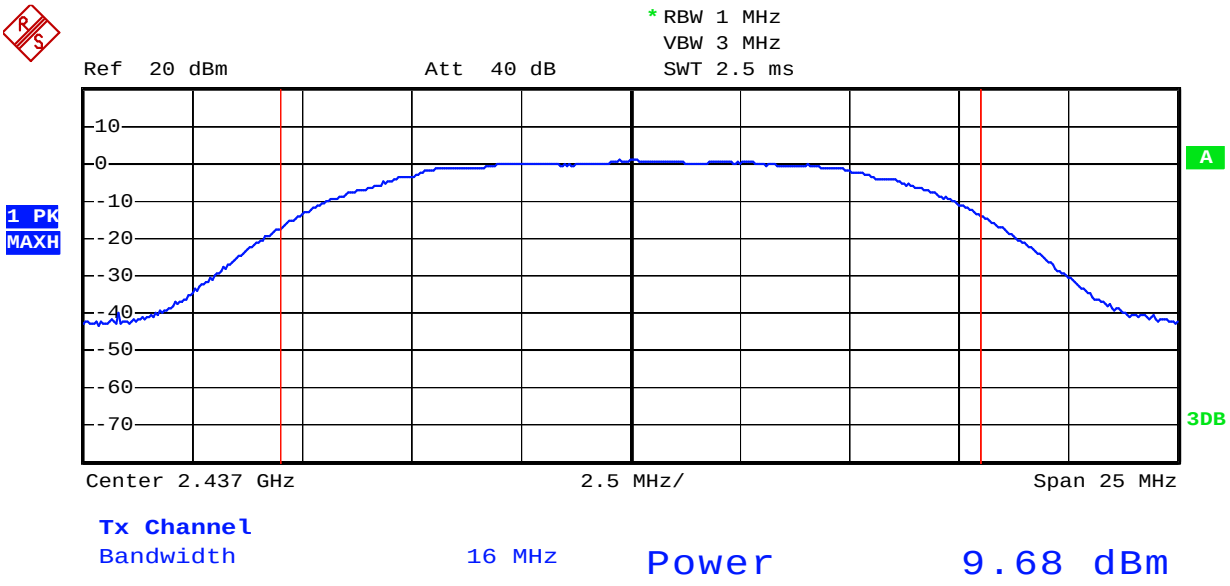
802.11b Channel Middle 2437MHz



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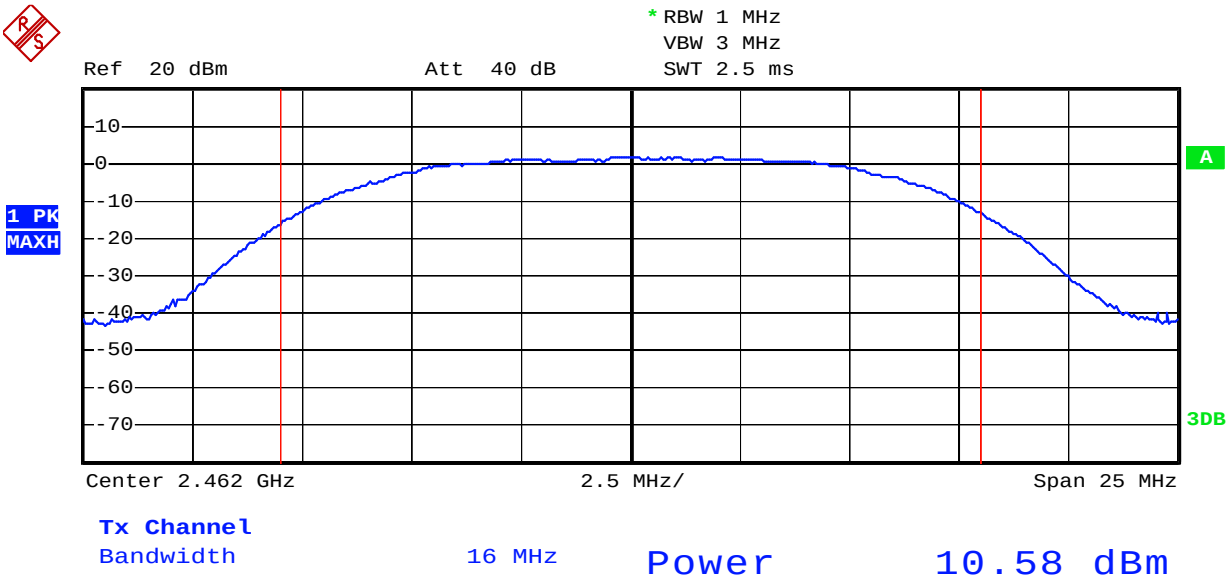
802.11b Channel High 2462MHz



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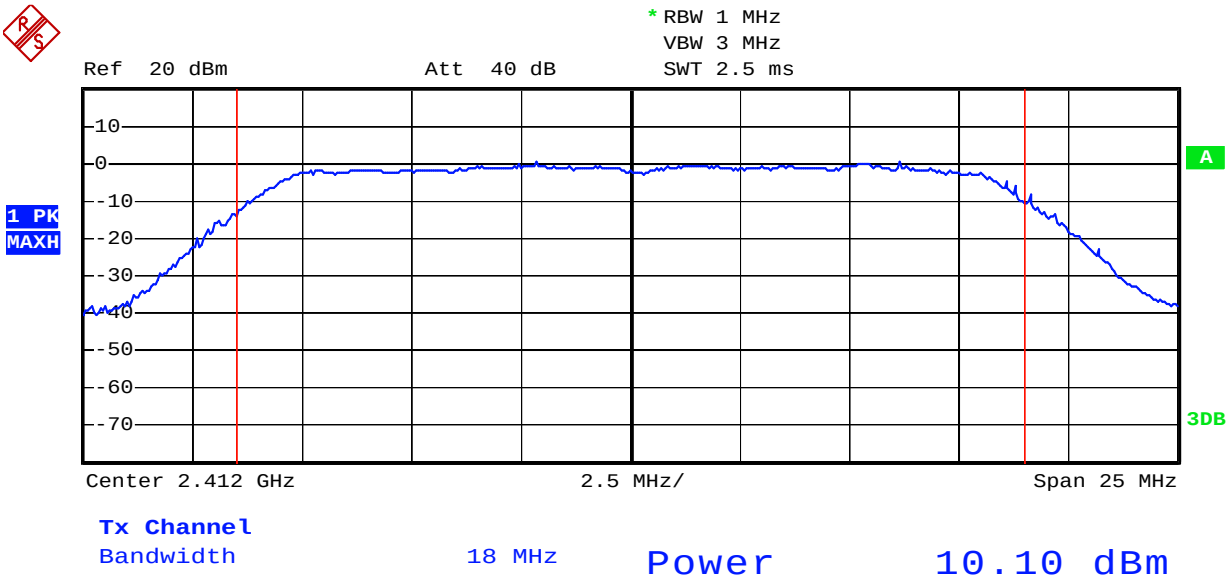
802.11g Channel Low 2412MHz



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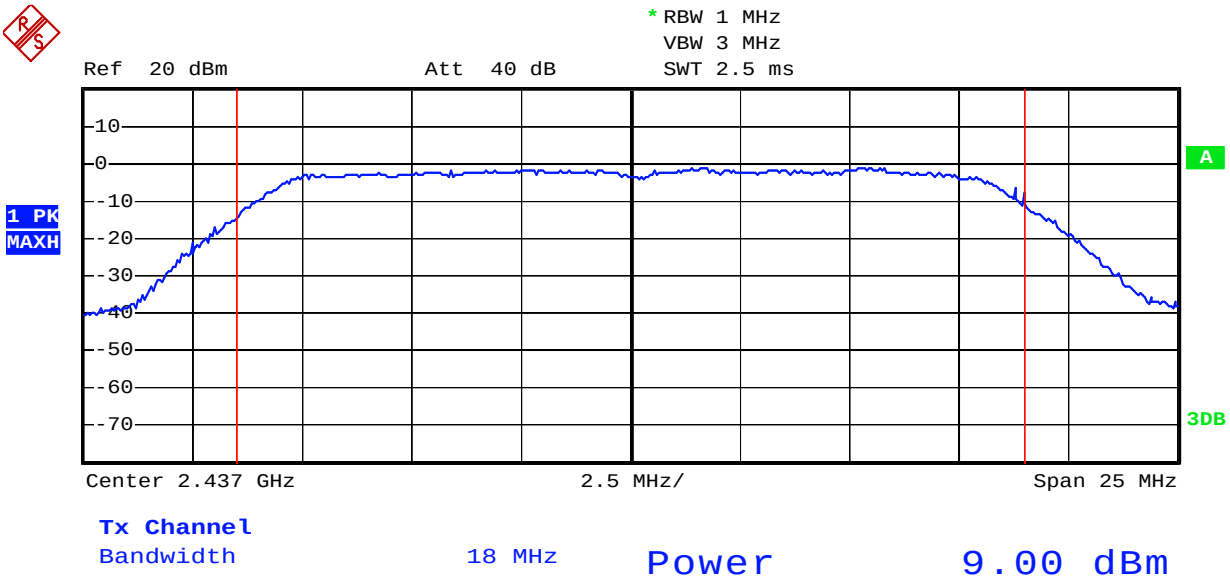
802.11g Channel Middle 2437MHz



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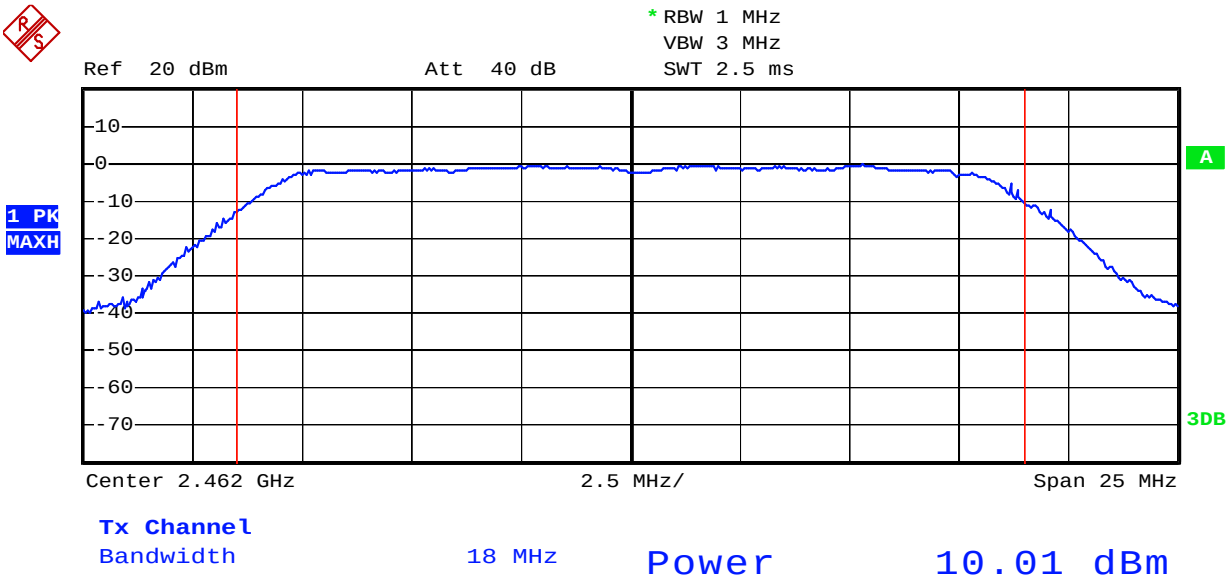
802.11g Channel High 2462MHz



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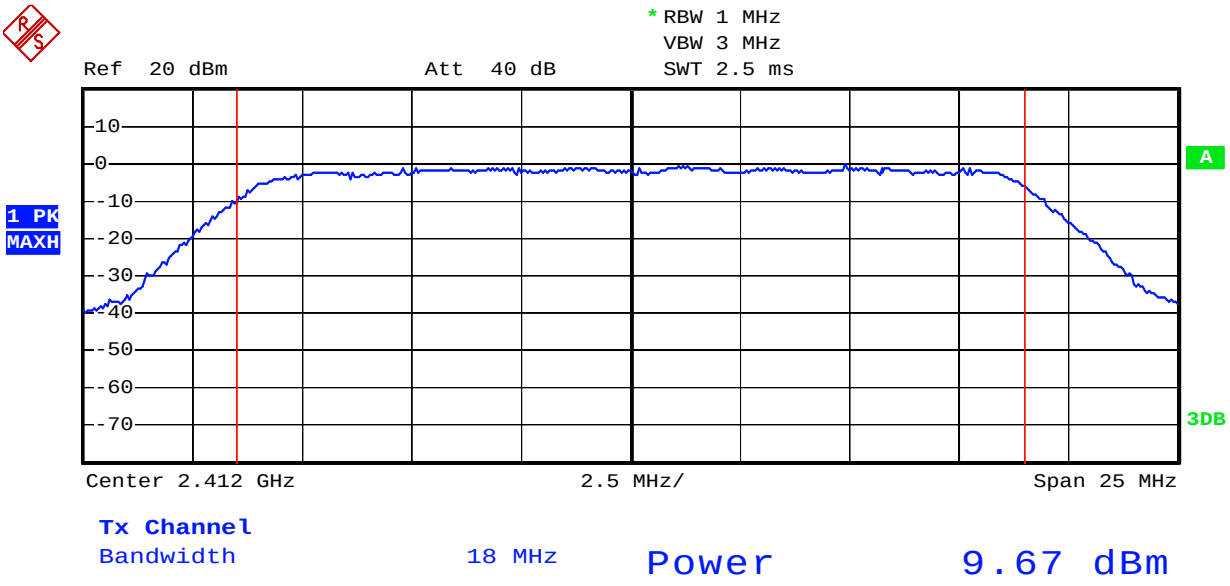
802.11n Channel High 2412MHz



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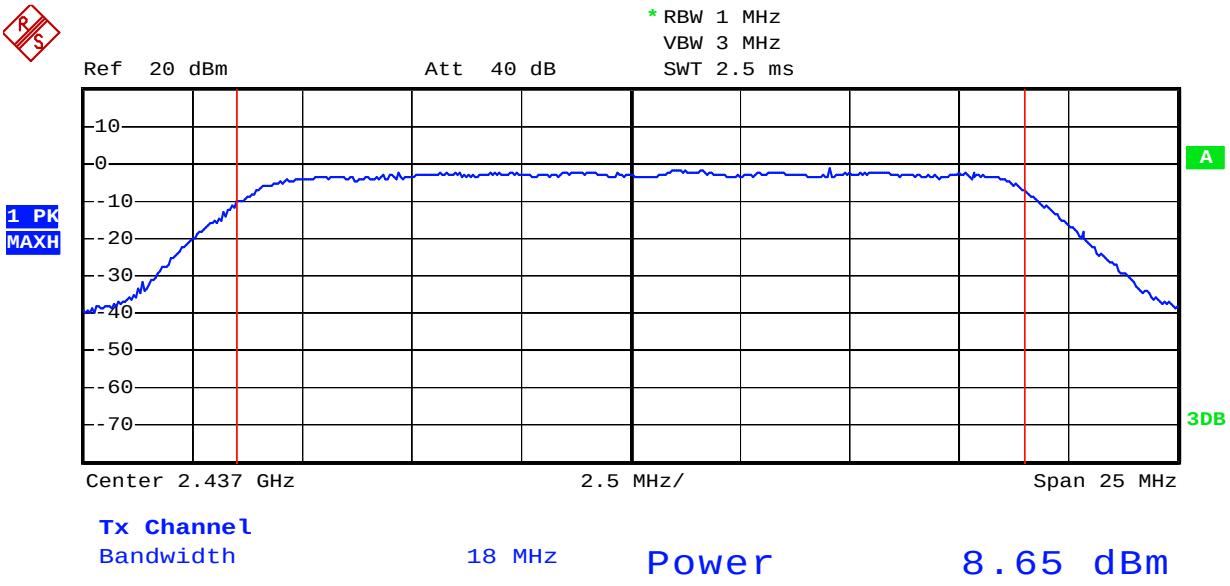
802.11n Channel High 2437MHz



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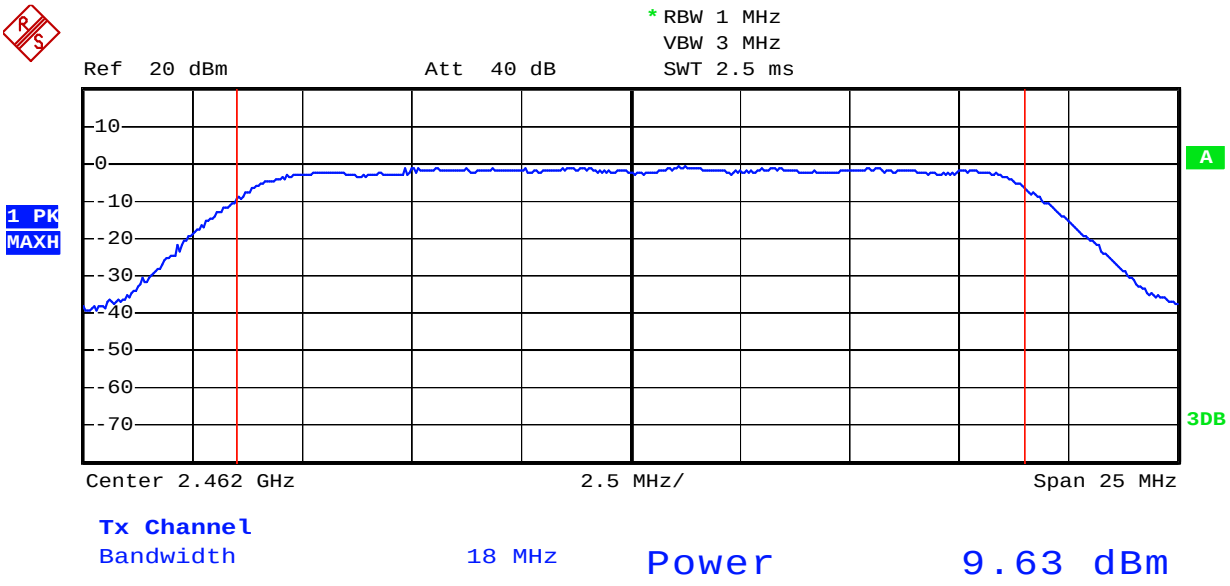
802.11n Channel High 2462MHz



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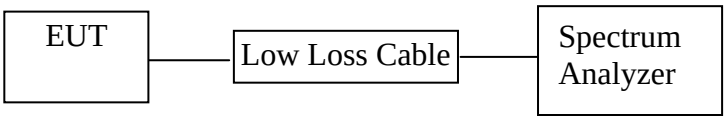
7. POWER SPECTRAL DENSITY MEASUREMENT

7.1.Block Diagram of Test Setup



(EUT: 150M wireless usb adapter)

7.2.The Requirement For Section 15.247(e)

Section 15.247(e): For digitally modulated systems, the power spectral density conducted from the intentional radiator to the antenna shall not be greater than 8 dBm in any 3 kHz band during any time interval of continuous transmission.

7.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

7.3.1.150M wireless usb adapter (EUT)

Model Number	:	WU106A
Serial Number	:	N/A
Manufacturer	:	HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD

7.4.Operating Condition of EUT

7.4.1.Setup the EUT and simulator as shown as Section 7.1.

7.4.2.Turn on the power of all equipment.

7.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

7.5.Test Procedure

7.5.1.The transmitter output was connected to the spectrum analyzer through a low loss cable.

7.5.2.Set RBW of spectrum analyzer to 3kHz and VBW to 10kHz, sweep time = Span/3kHz.

7.5.3.Measurement the maximum power spectral density.

7.6.Test Result

PASS.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	TX	Test Engineer:	Joe

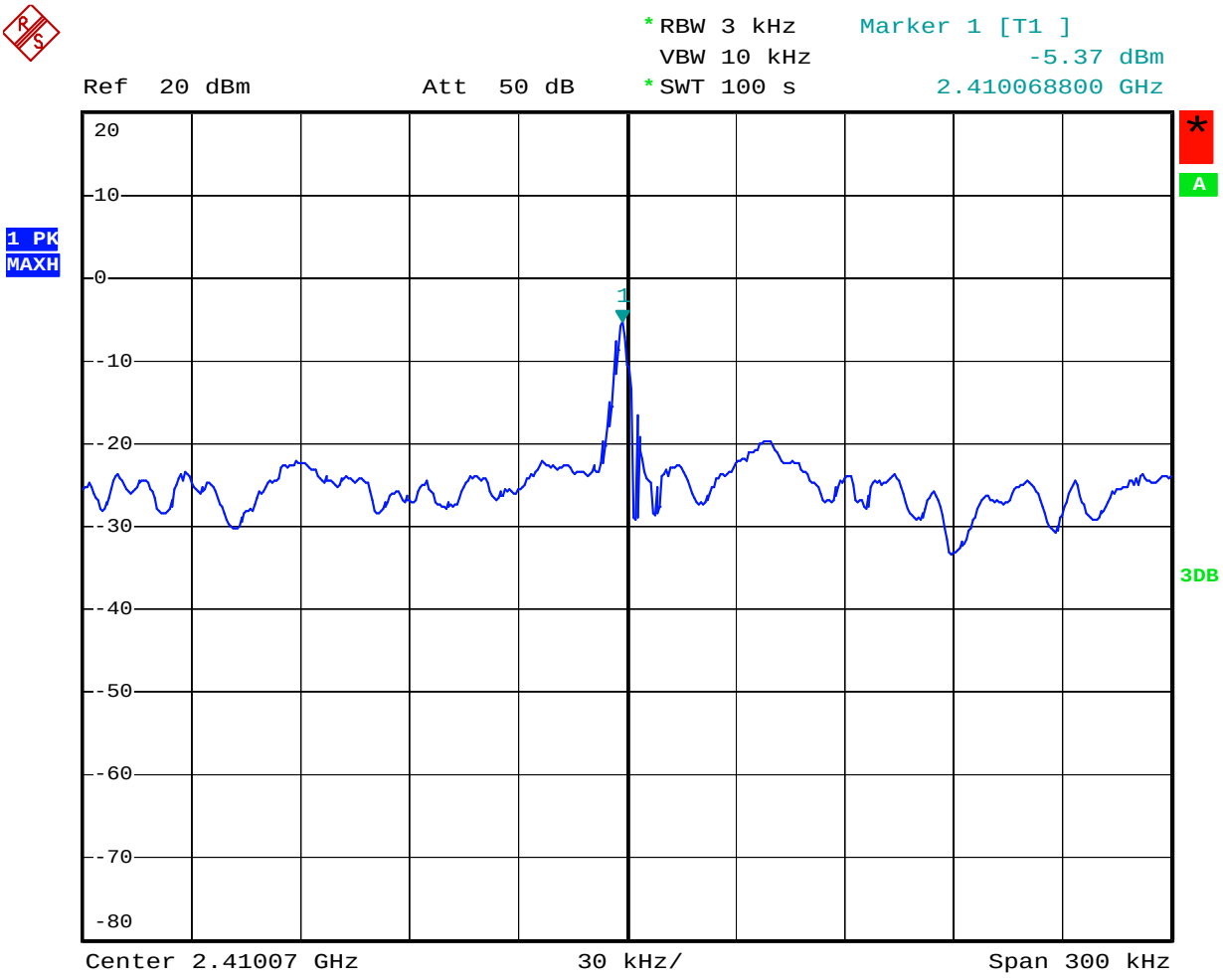
The test was performed with 802.11b			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-5.37	8 dBm
Middle	2437	-6.61	8 dBm
High	2462	-5.08	8 dBm

The test was performed with 802.11g			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-24.95	8 dBm
Middle	2437	-26.77	8 dBm
High	2462	-24.99	8 dBm

The test was performed with 802.11n			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-24.06	8 dBm
Middle	2437	-26.16	8 dBm
High	2462	-25.30	8 dBm

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



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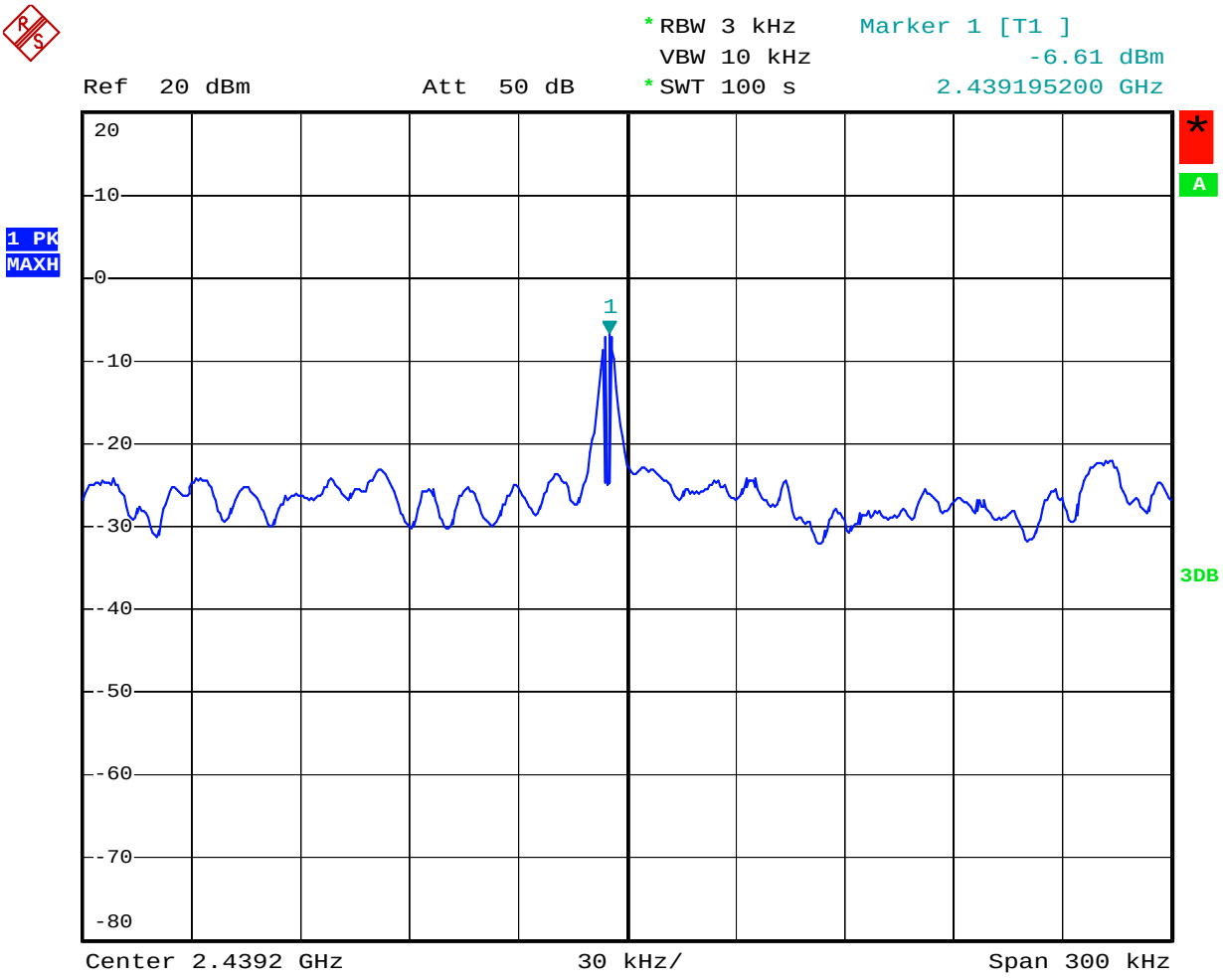
802.11b Channel Middle 2437MHz



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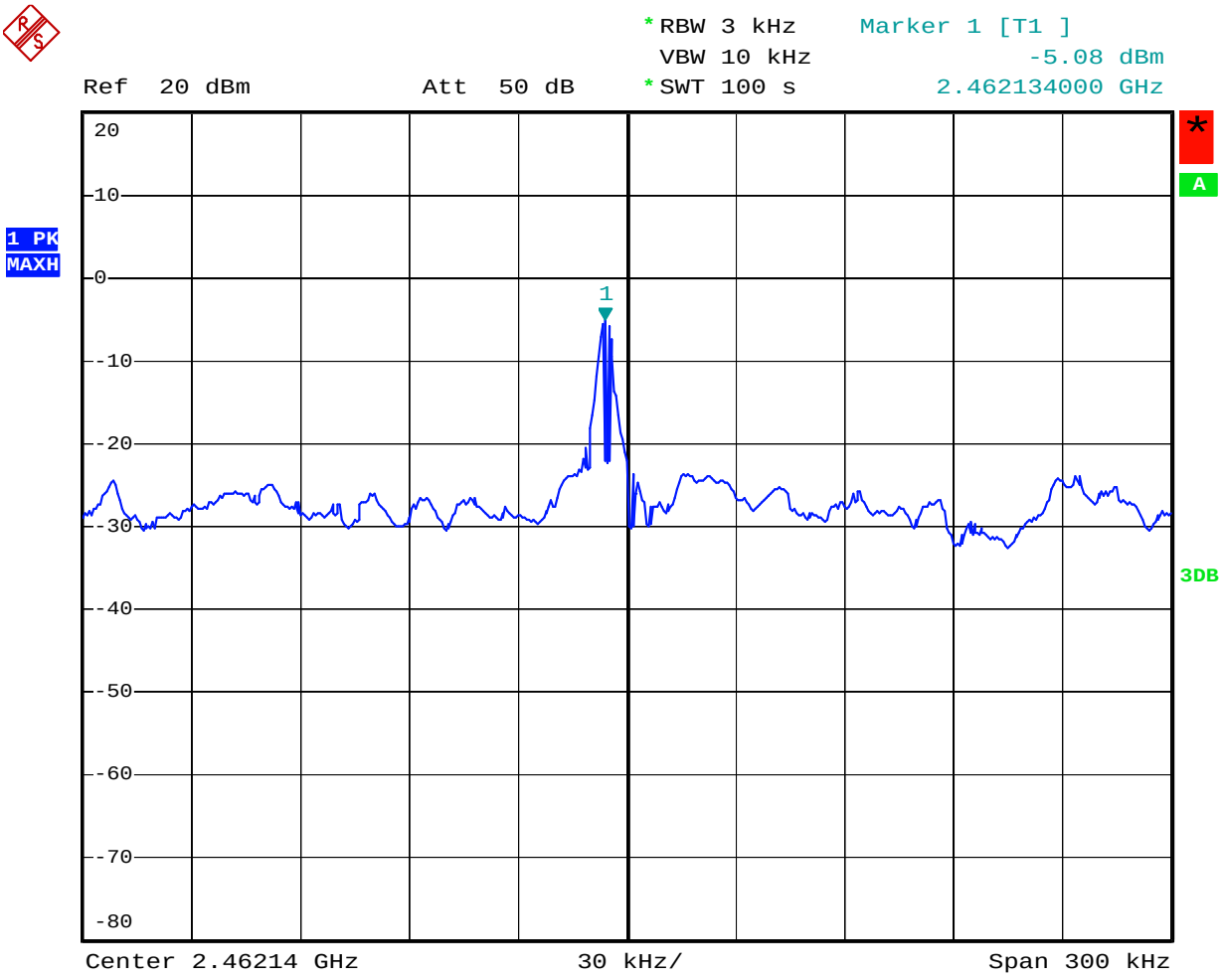
802.11b Channel High 2462MHz



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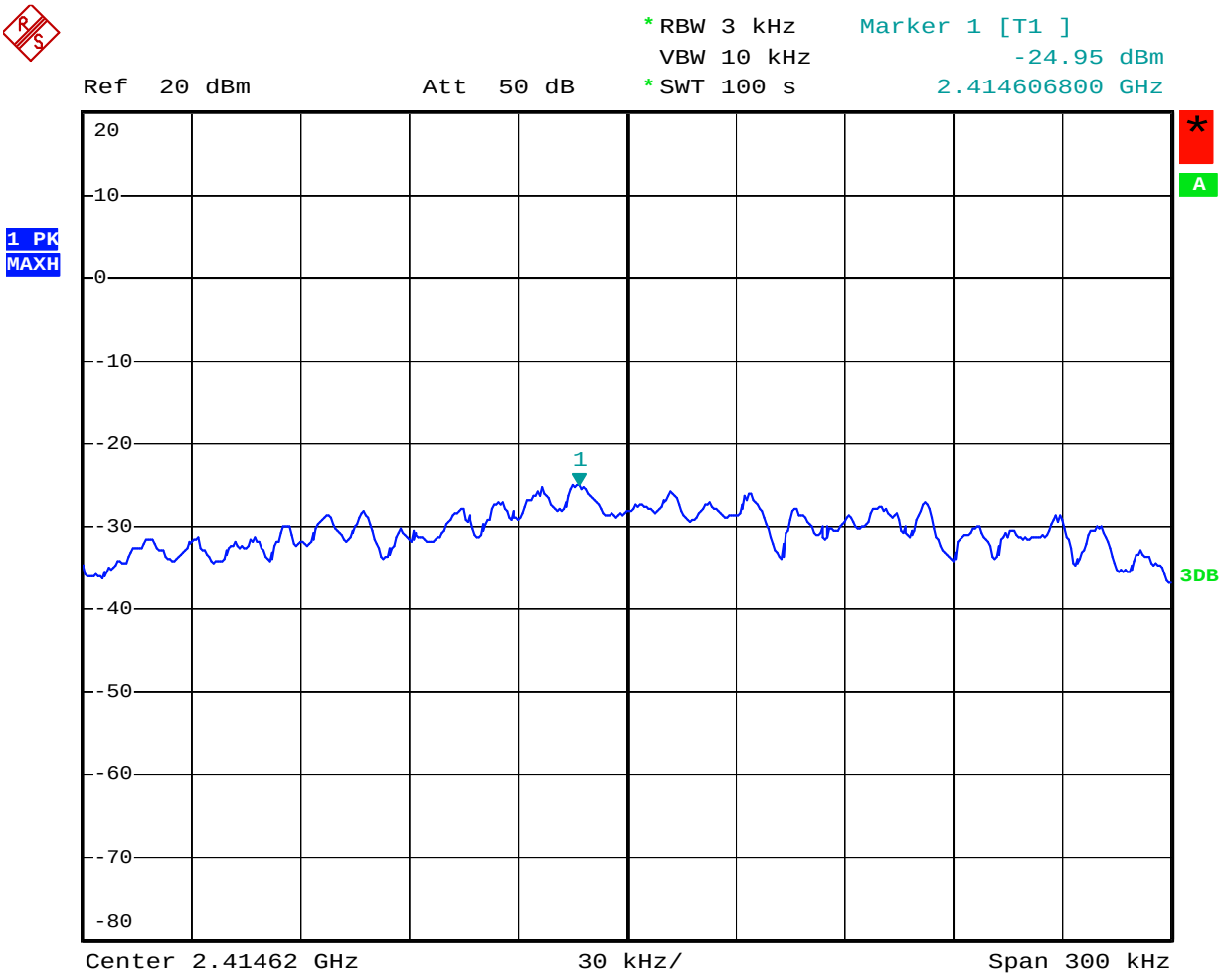
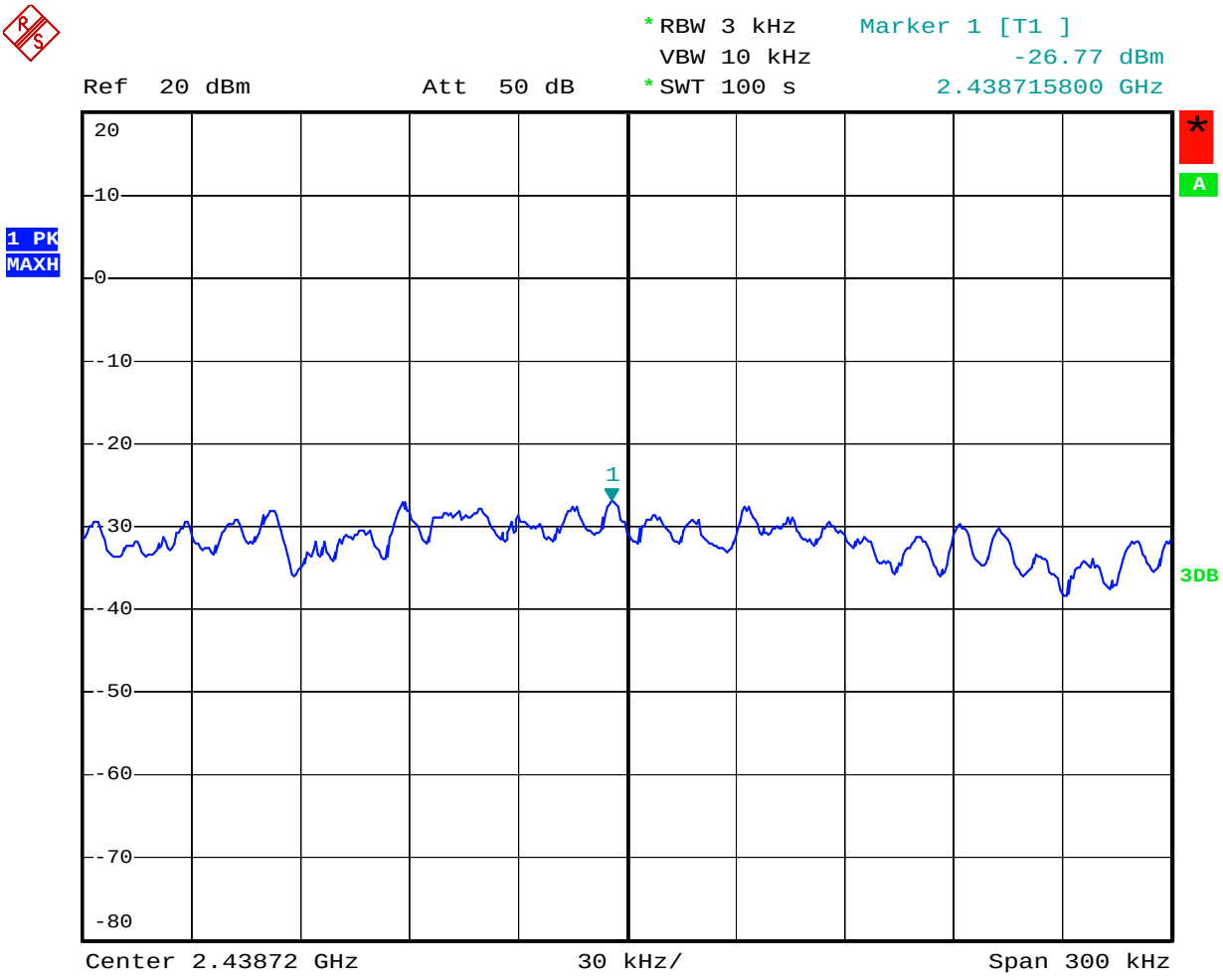
802.11g Channel Low 2412MHz



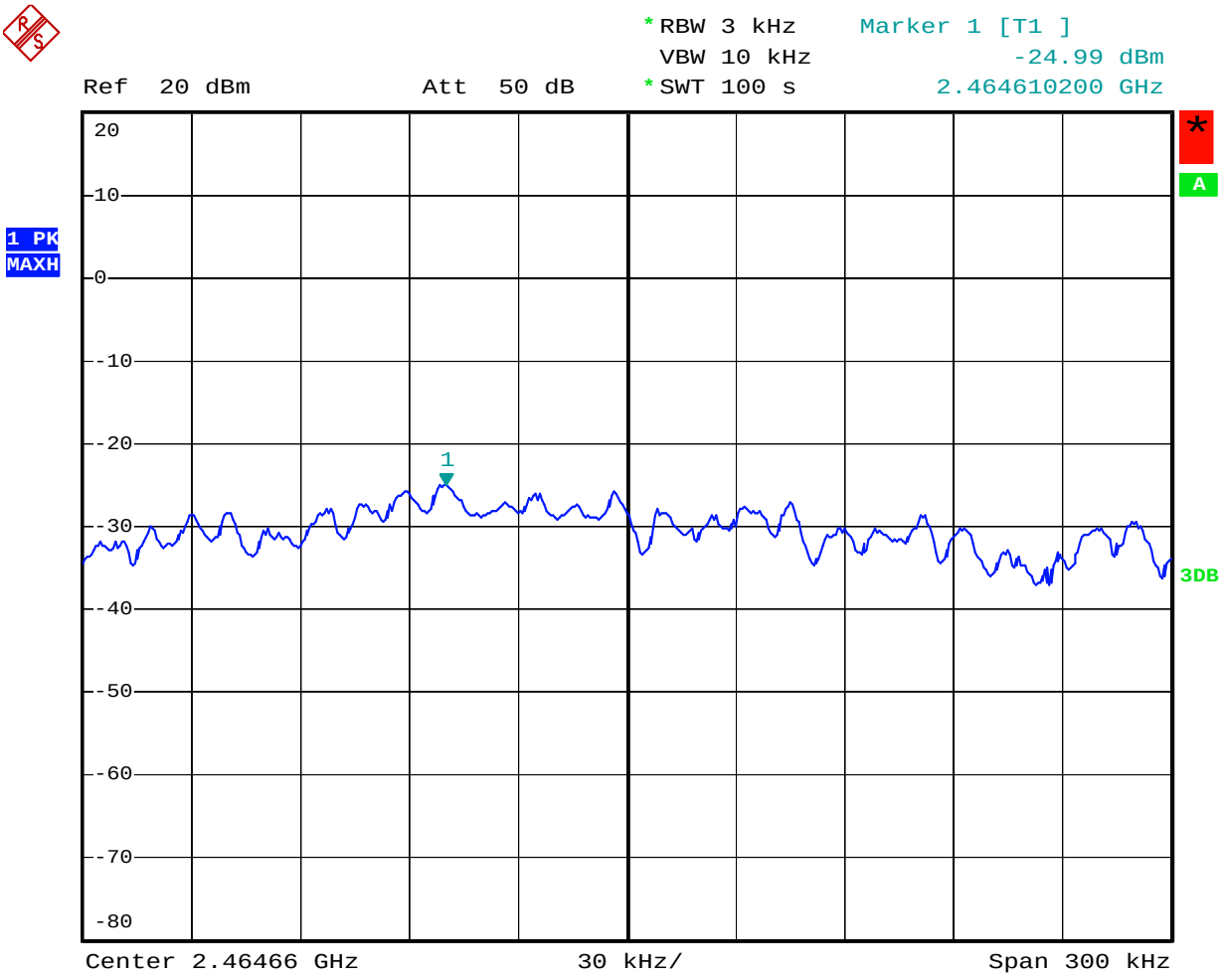
Date: 4.NOV.2010 13:55:06

802.11g Channel Middle 2437MHz



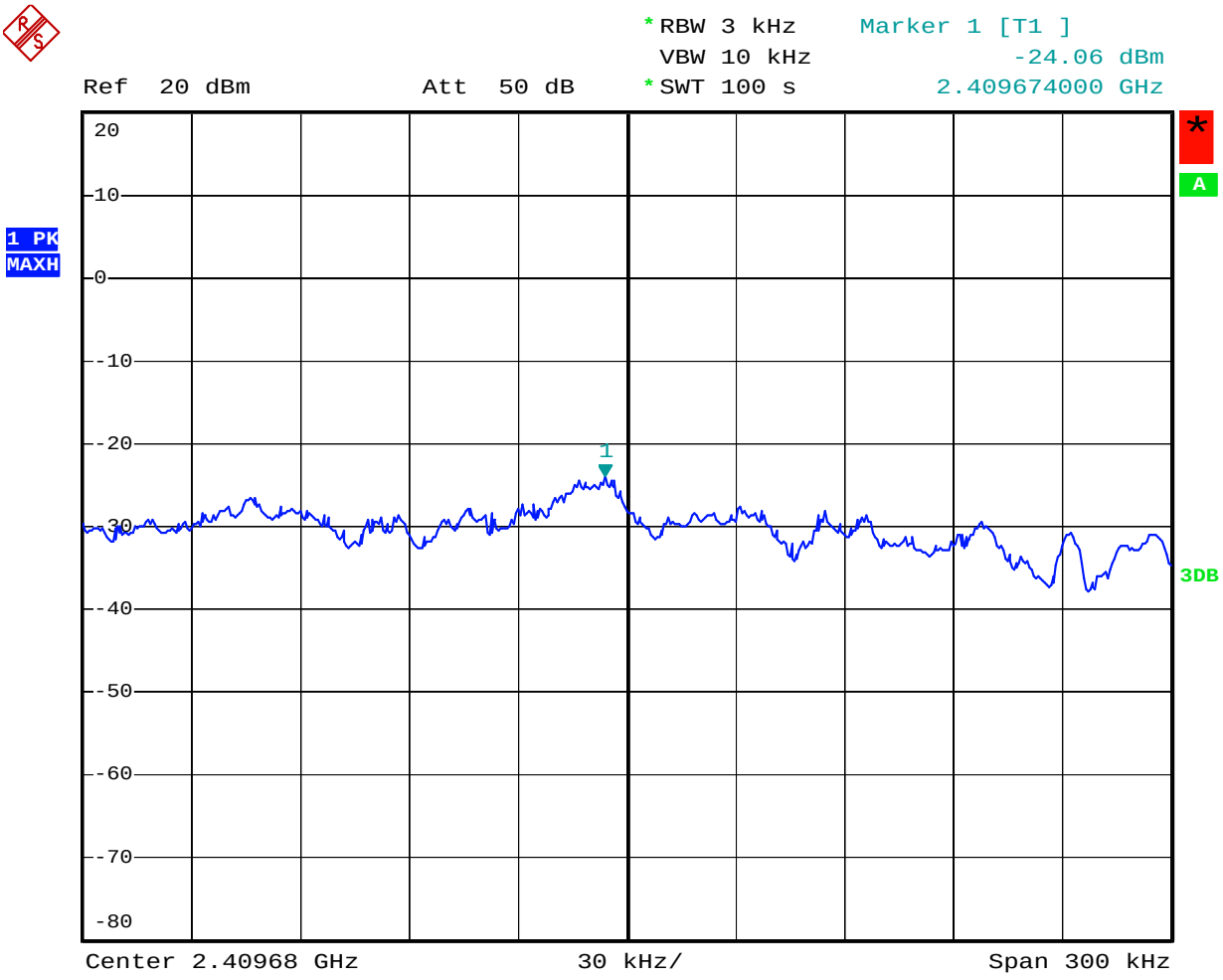
Date: 4.NOV.2010 13:59:34

802.11g Channel High 2462MHz



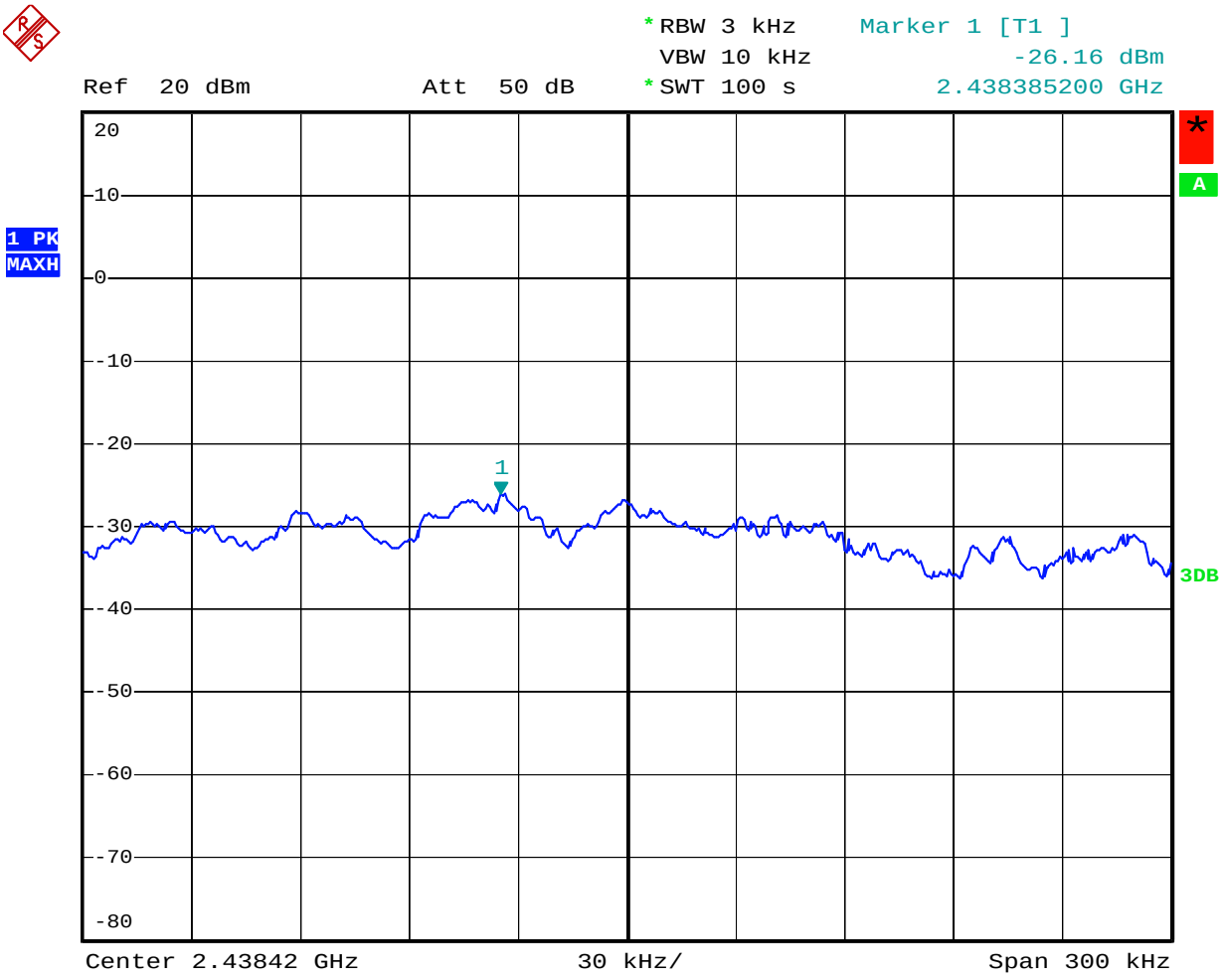
Date: 4.NOV.2010 14:03:36

802.11n Channel High 2412MHz

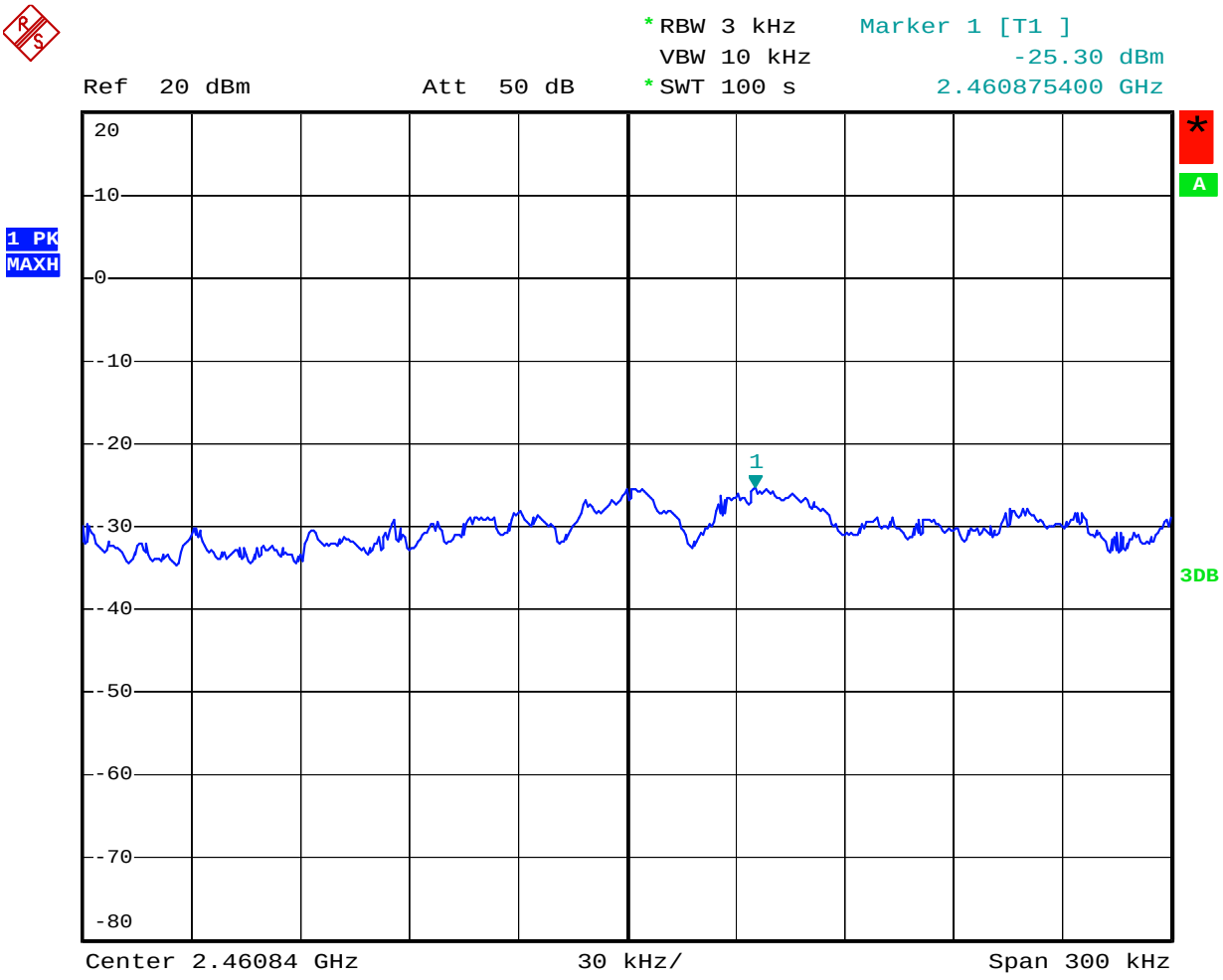


Date: 4.NOV.2010 14:09:41

802.11n Channel High 2437MHz



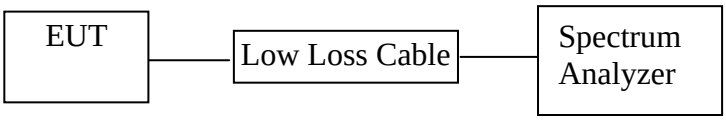
802.11n Channel High 2462MHz



Date: 4.NOV.2010 14:18:46

8. BAND EDGE COMPLIANCE TEST

8.1.Block Diagram of Test Setup



(EUT: 150M wireless usb adapter)

8.2.The Requirement For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

8.3.EUT Configuration on Measurement

The following equipment are installed on the emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

8.3.1.150M wireless usb adapter (EUT)

Model Number	**:**	WU106A
Serial Number	**:**	N/A
Manufacturer	**:**	HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD

8.4.Operating Condition of EUT

8.4.1.Setup the EUT and simulator as shown as Section 8.1.

8.4.2.Turn on the power of all equipment.

8.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2462MHz TX frequency to transmit.

8.5.Test Procedure

8.5.1.The transmitter output was connected to the spectrum analyzer via a low loss cable.

8.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz with convenient frequency span.

8.5.3.The band edges was measured and recorded.

8.6.Test Result

Pass

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	TX	Test Engineer:	Joe

The test was performed with 802.11b

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	37.09	> 20dBc
2462	36.84	> 20dBc

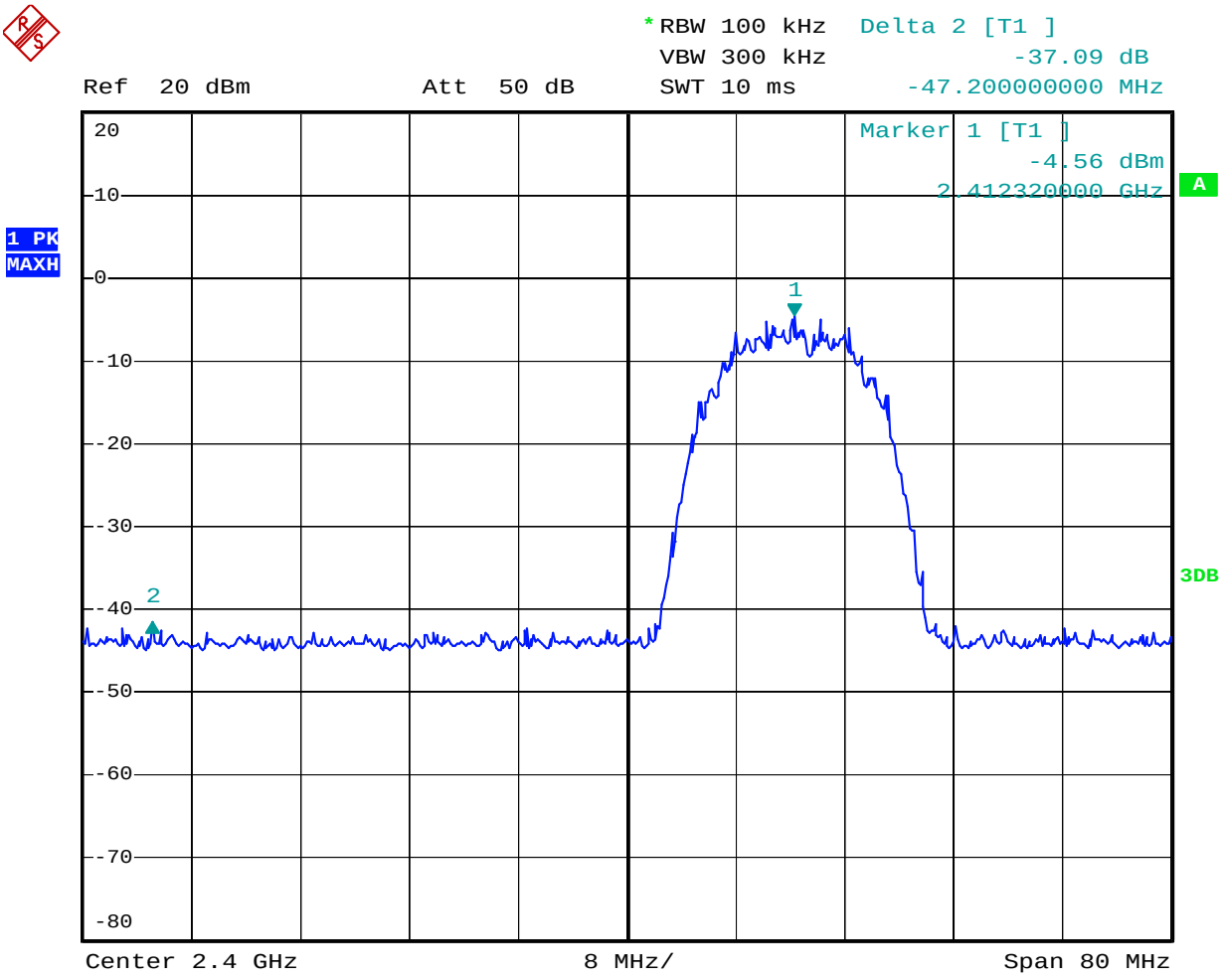
The test was performed with 802.11g

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	33.04	> 20dBc
2462	32.23	> 20dBc

The test was performed with 802.11n

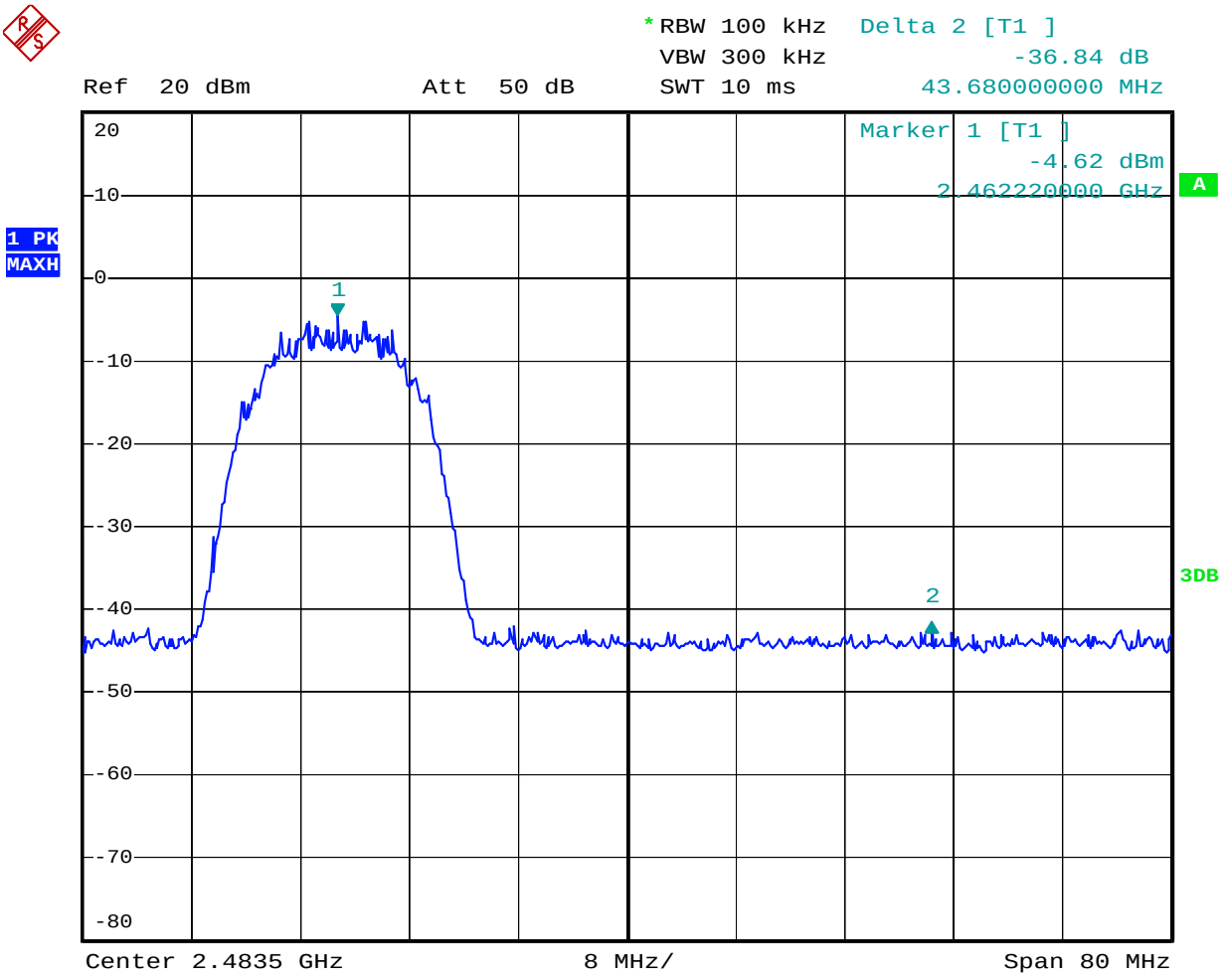
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.45	> 20dBc
2462	32.76	> 20dBc

802.11b Channel Low 2412MHz



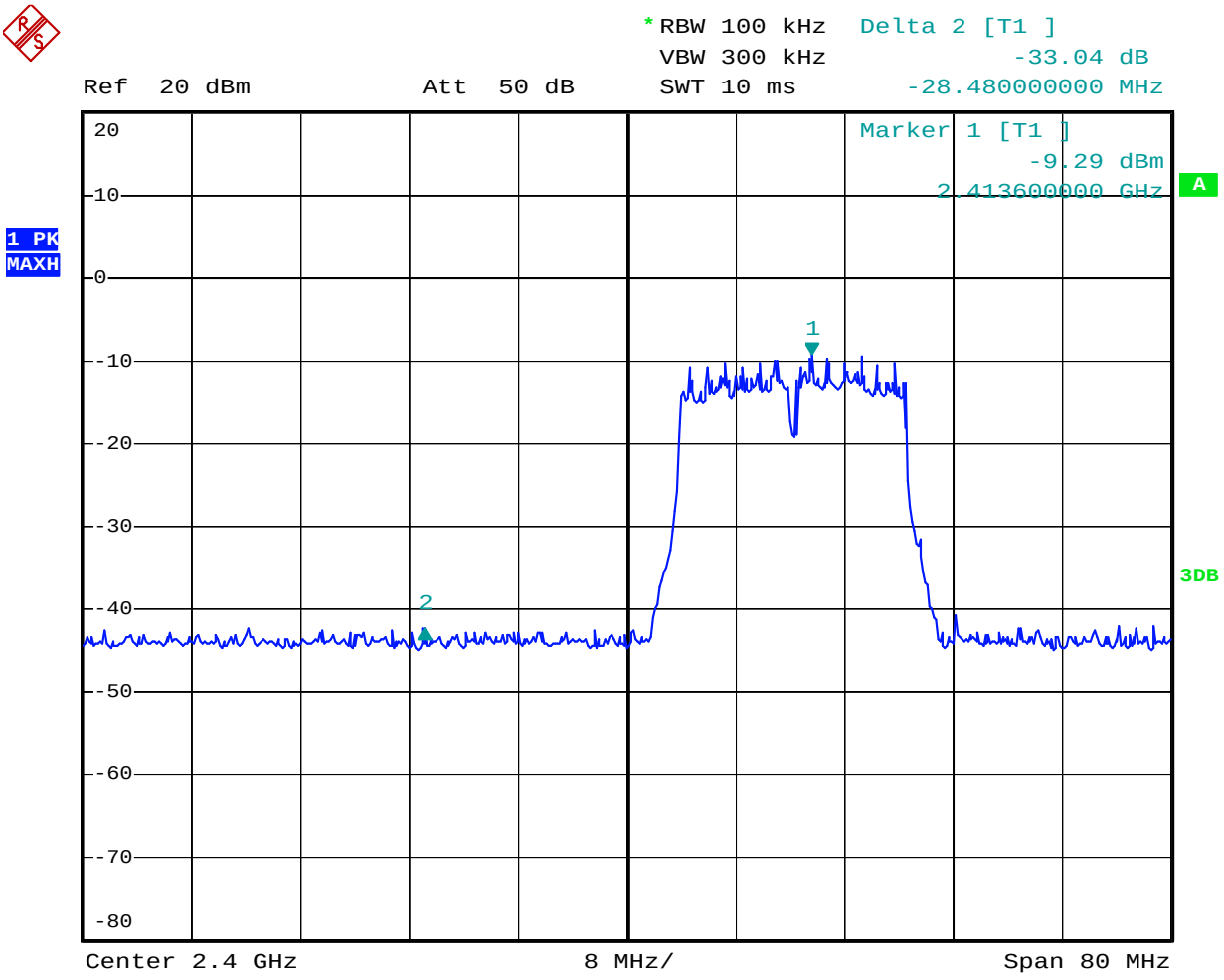
Date: 4.NOV.2010 14:22:30

802.11b Channel High 2462MHz



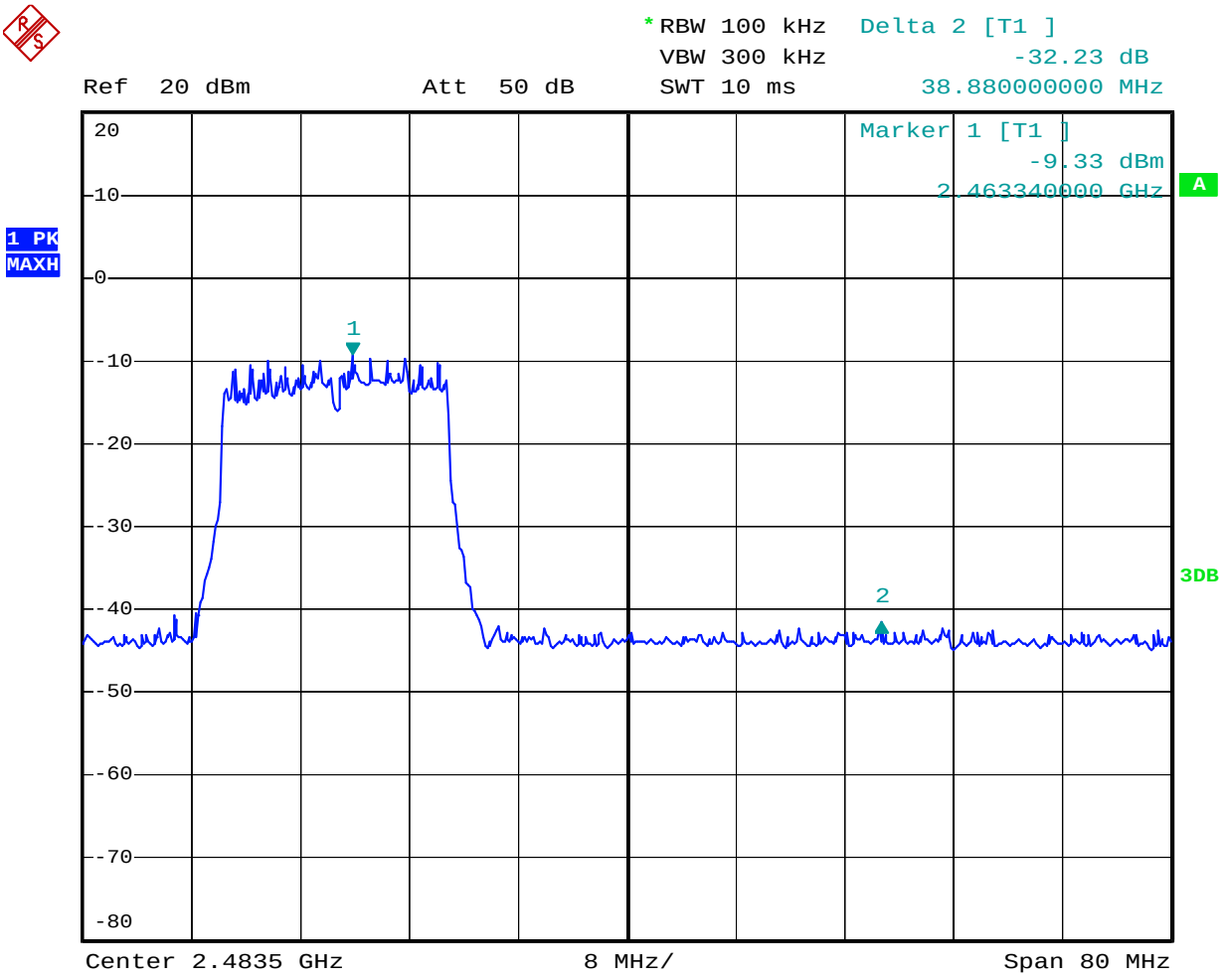
Date: 4.NOV.2010 14:24:13

802.11g Channel Low 2412MHz



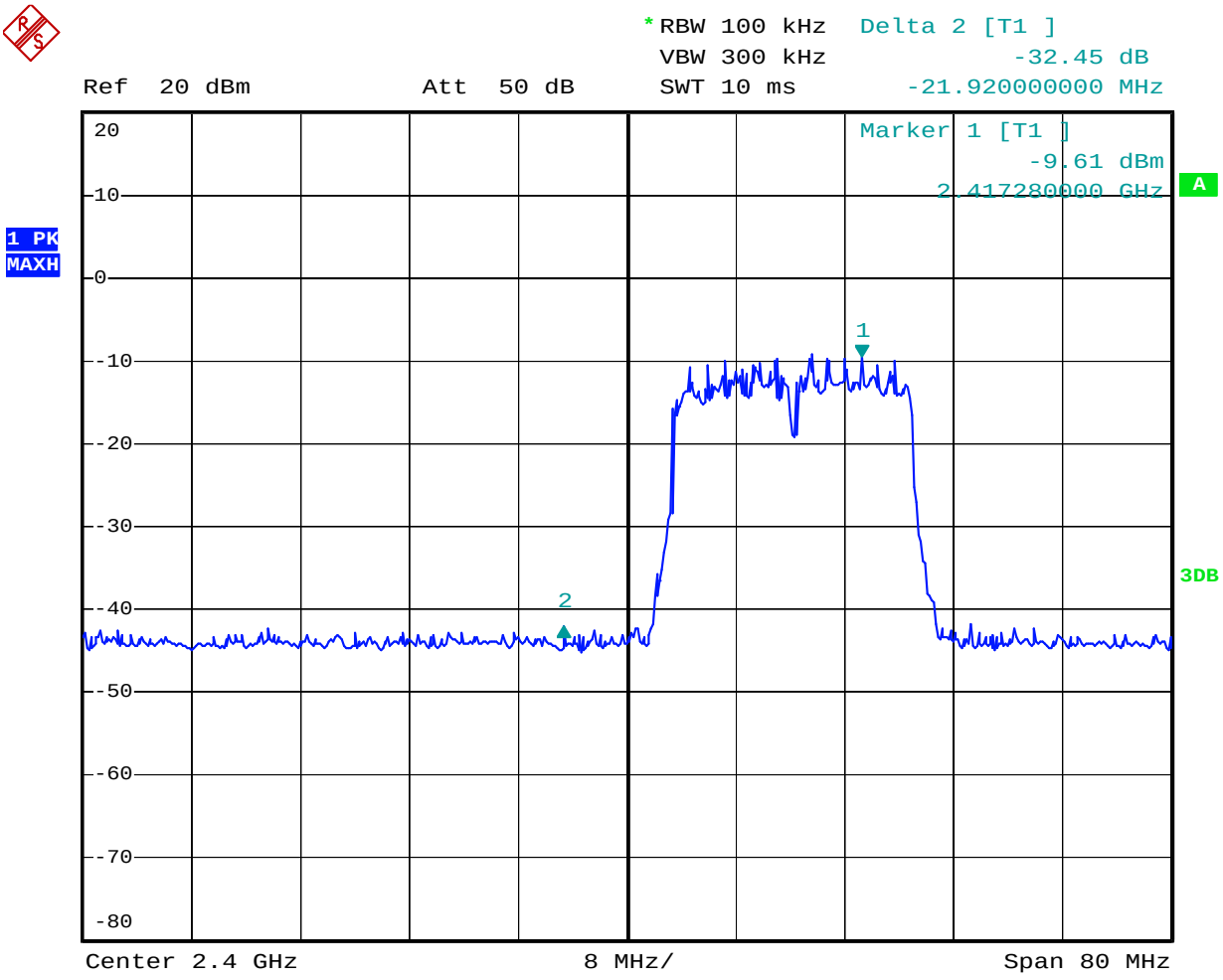
Date: 4.NOV.2010 14:25:55

802.11g Channel High 2462MHz



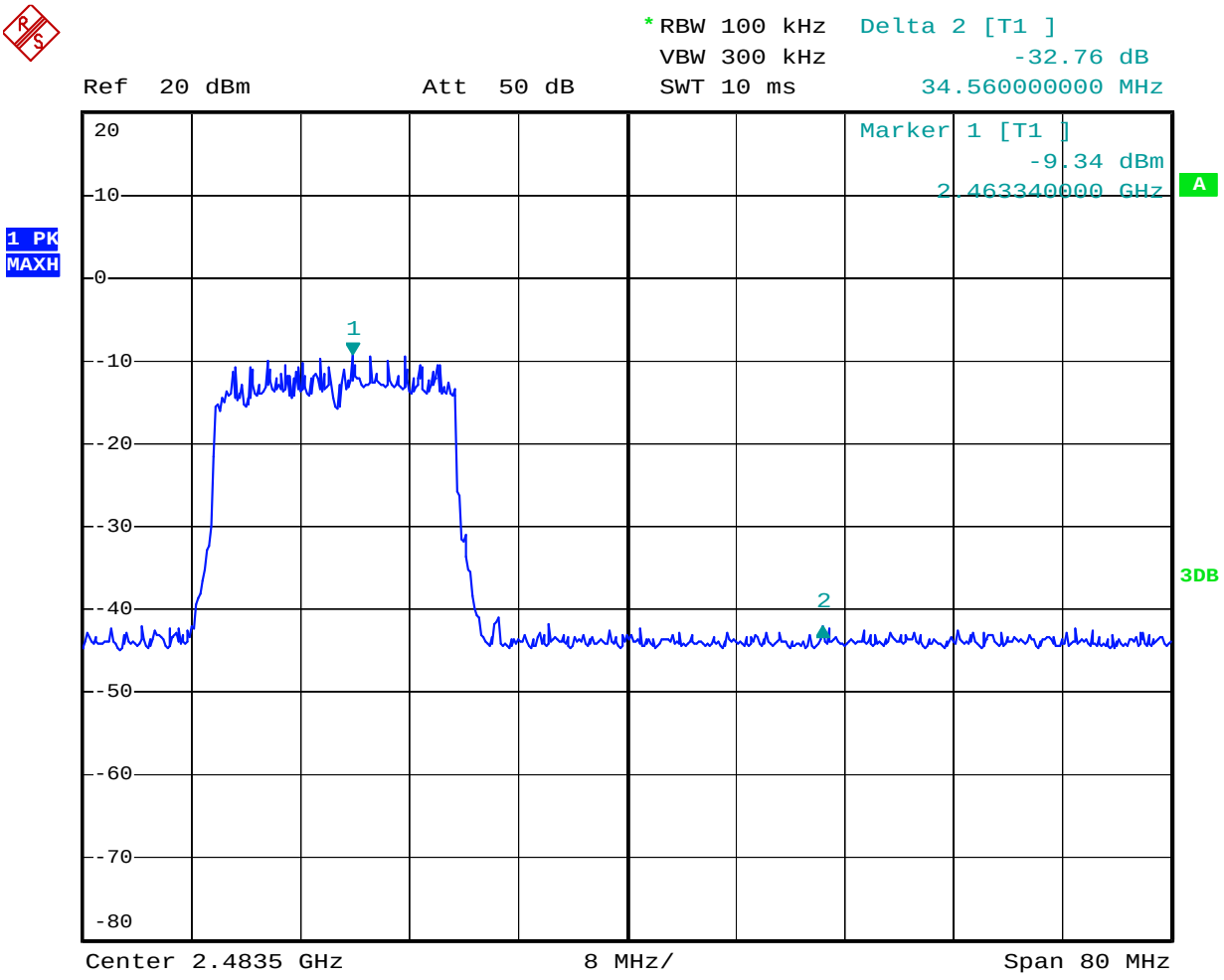
Date: 4.NOV.2010 14:27:55

802.11n Channel High 2412MHz



Date: 4.NOV.2010 14:29:14

802.11n Channel High 2462MHz

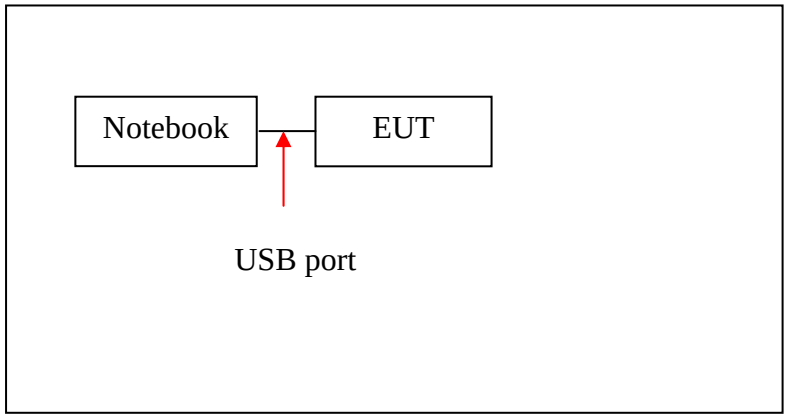


Date: 4.NOV.2010 14:30:58

9. RADIATED SPURIOUS EMISSION TEST

9.1.Block Diagram of Test Setup

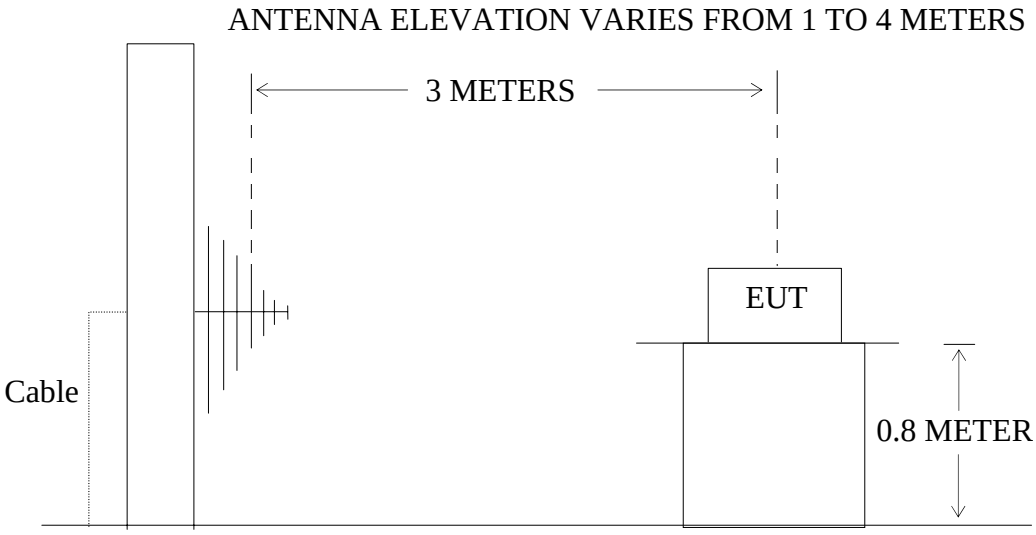
9.1.1.Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: 150M wireless usb adapter)

9.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: 150M wireless usb adapter)

9.2. The Limit For Section 15.247(d)

Section 15.247(d): In any 100 kHz bandwidth outside the frequency band in which the spread spectrum or digitally modulated intentional radiator is operating, the radio frequency power that is produced by the intentional radiator shall be at least 20 dB below that in the 100 kHz bandwidth within the band that contains the highest level of the desired power, based on either an RF conducted or a radiated measurement, provided the transmitter demonstrates compliance with the peak conducted power limits. If the transmitter complies with the conducted power limits based on the use of RMS averaging over a time interval, as permitted under paragraph (b)(3) of this section, the attenuation required under this paragraph shall be 30 dB instead of 20 dB. Attenuation below the general limits specified in Section 15.209(a) is not required. In addition, radiated emissions which fall in the restricted bands, as defined in Section 15.205(a), must also comply with the radiated emission limits specified in Section 15.209(a).

9.3. Restricted bands of operation

9.3.1. FCC Part 15.205 Restricted bands of operation

(a) Except as shown in paragraph (d) of this section, Only spurious emissions are permitted in any of the frequency bands listed below:

MHz	MHz	MHz	GHz
0.090-0.110	16.42-16.423	399.9-410	4.5-5.15
[1]0.495-0.505	16.69475-16.69525	608-614	5.35-5.46
2.1735-2.1905	16.80425-16.80475	960-1240	7.25-7.75
4.125-4.128	25.5-25.67	1300-1427	8.025-8.5
4.17725-4.17775	37.5-38.25	1435-1626.5	9.0-9.2
4.20725-4.20775	73-74.6	1645.5-1646.5	9.3-9.5
6.215-6.218	74.8-75.2	1660-1710	10.6-12.7
6.26775-6.26825	108-121.94	1718.8-1722.2	13.25-13.4
6.31175-6.31225	123-138	2200-2300	14.47-14.5
8.291-8.294	149.9-150.05	2310-2390	15.35-16.2
8.362-8.366	156.52475-156.52525	2483.5-2500	17.7-21.4
8.37625-8.38675	156.7-156.9	2690-2900	22.01-23.12
8.41425-8.41475	162.0125-167.17	3260-3267	23.6-24.0
12.29-12.293	167.72-173.2	3332-3339	31.2-31.8
12.51975-12.52025	240-285	3345.8-3358	36.43-36.5
12.57675-12.57725	322-335.4	3600-4400	([2])
13.36-13.41			

[1]Until February 1, 1999, this restricted band shall be 0.490-0.510

[2]Above 38.6

(b) Except as provided in paragraphs (d) and (e), the field strength of emission appearing within these frequency bands shall not exceed the limits shown in Section 15.209. At frequencies equal to or less than 1000MHz, Compliance with the limits in Section 15.209 shall be demonstrated using measurement instrumentation employing a CISPR quasi-peak detector. Above 1000MHz, compliance with the emission limits in Section15.209 shall be demonstrated based on the average value of the measured emissions. The provisions in Section 15.35 apply to these measurements.

9.4.Configuration of EUT on Measurement

The following equipment are installed on Radiated Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

9.4.1.150M wireless usb adapter (EUT)

Model Number	**:**	WU106A
Serial Number	**:**	N/A
Manufacturer	**:**	HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD

9.5.Operating Condition of EUT

9.5.1.Setup the EUT and simulator as shown as Section 8.1.

9.5.2.Turn on the power of all equipment.

9.5.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

9.6.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.
The worst-case data rate for this channel to be 1Mbps for 802.11b mode and 6Mbps for 802.11g mode, based on previous with 802.11 WLAN product design architectures.

The bandwidth of test receiver (R&S ESI26) is set at 120kHz in 30-1000MHz. and set at 1MHz in above 1000MHz.
The frequency range from 30MHz to 25000MHz is checked.
The final measurement in band 9-90kHz, 110-490kHz and above 1000MHz is performed with Average detector. Except those frequency bands mention above, the final measurement for frequencies below 1000MHz is performed with Quasi Peak detector.
The field strength is calculated by adding the antenna factor, and cable loss, and subtracting the amplifier gain from the measured reading. The basic equation calculation is as follows:
Result = Reading + Corrected Factor
Where Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

9.7.The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2400.000	39.38	45.26	-7.46	31.92	37.80	54	74	-22.08	-36.20	Vertical
2412.030	95.28	101.21	-7.43	87.85	93.78	-	-	-	-	Vertical
*4824.052	50.89	56.81	-0.19	50.70	56.62	54	74	-3.30	-17.38	Vertical
7236.076	44.73	50.66	3.05	47.78	53.71	54	74	-6.22	-20.29	Vertical
2400.000	39.73	45.65	-7.46	32.27	38.19	54	74	-21.73	-35.81	Horizontal
2412.030	96.92	102.86	-7.43	89.49	95.43	-	-	-	-	Horizontal
*4824.052	50.87	56.84	-0.19	50.68	56.65	54	74	-3.32	-17.35	Horizontal
7236.076	44.90	50.92	3.05	47.95	53.97	54	74	-6.05	-20.03	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2437.032	94.68	100.54	-7.36	87.32	93.18	-	-	-	-	Vertical
*4874.053	50.56	56.47	0.09	50.65	56.56	54	74	-3.35	-17.44	Vertical
*7311.078	44.49	50.41	3.22	47.71	53.63	54	74	-6.29	-20.37	Vertical
2437.032	96.60	102.53	-7.36	89.24	95.17	-	-	-	-	Horizontal
*4874.053	50.56	56.55	0.09	50.65	56.64	54	74	-3.35	-17.36	Horizontal
*7311.078	44.72	50.66	3.22	47.94	53.88	54	74	-6.06	-20.12	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2462.029	95.33	101.29	-7.35	87.98	93.94	-	-	-	-	Vertical
2483.500	39.60	45.63	-7.37	32.23	38.26	54	74	-21.77	-35.74	Vertical
*4924.050	50.38	56.29	0.34	50.72	56.63	54	74	-3.28	-17.37	Vertical
*7386.077	44.54	50.44	3.39	47.93	53.83	54	74	-6.07	-20.17	Vertical
2462.029	96.77	102.74	-7.35	89.42	95.39	-	-	-	-	Horizontal
2483.500	39.66	45.55	-7.37	32.29	38.18	54	74	-21.71	-35.82	Horizontal
*4924.050	50.40	56.37	0.34	50.74	56.71	54	74	-3.26	-17.29	Horizontal
*7386.077	44.28	50.22	3.39	47.67	53.61	54	74	-6.33	-20.39	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2400.000	39.98	45.88	-7.46	32.52	38.42	54	74	-21.48	-35.58	Vertical
2412.033	95.51	101.43	-7.43	88.08	94.00	-	-	-	-	Vertical
*4824.054	49.80	55.72	-0.19	49.61	55.53	54	74	-4.39	-18.47	Vertical
7236.080	43.58	49.46	3.05	46.63	52.51	54	74	-7.37	-21.49	Vertical
2400.000	39.72	45.68	-7.46	32.26	38.22	54	74	-21.74	-35.78	Horizontal
2412.033	96.09	102.06	-7.43	88.66	94.63	-	-	-	-	Horizontal
*4824.054	50.38	56.22	-0.19	50.19	56.03	54	74	-3.81	-17.97	Horizontal
7236.080	44.23	50.15	3.05	47.28	53.20	54	74	-60.72	-20.80	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2437.031	95.19	101.10	-7.36	87.83	93.74	-	-	-	-	Vertical
*4874.052	50.06	55.95	0.09	50.15	56.04	54	74	-3.85	-17.96	Vertical
*7311.076	44.19	50.06	3.22	47.41	53.28	54	74	-6.59	-20.72	Vertical
2437.031	96.07	101.92	-7.36	88.71	94.56	-	-	-	-	Horizontal
*4874.052	49.23	55.20	0.09	49.32	55.29	54	74	-4.68	-18.71	Horizontal
*7311.076	43.91	49.82	3.22	47.13	53.04	54	74	-6.87	-20.96	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2462.032	95.34	101.29	-7.35	87.99	93.94	-	-	-	-	Vertical
2483.500	39.80	45.72	-7.37	32.43	38.35	54	74	-21.57	-35.65	Vertical
*4924.051	49.30	55.29	0.34	49.64	55.63	54	74	-4.36	-18.37	Vertical
*7386.079	43.52	49.55	3.39	46.91	52.94	54	74	-7.09	-21.06	Vertical
2462.032	96.01	101.95	-7.35	88.66	94.60	-	-	-	-	Horizontal
2483.500	39.66	45.65	-7.37	32.29	38.28	54	74	-21.71	-35.72	Horizontal
*4924.051	49.58	55.46	0.34	49.92	55.80	54	74	-4.08	-18.20	Horizontal
*7386.079	43.46	49.37	3.39	46.85	52.76	54	74	-7.15	-21.24	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11n Channel High 2412MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2400.000	40.06	45.96	-7.46	32.60	38.50	54	74	-21.40	-35.50	Vertical
2412.036	95.25	101.16	-7.43	87.82	93.73	-	-	-	-	Vertical
*4824.056	50.35	56.24	-0.19	50.16	56.05	54	74	-3.84	-17.95	Vertical
7236.082	43.38	49.29	3.05	46.43	52.34	54	74	-7.57	-21.66	Vertical
2400.000	39.76	45.71	-7.46	32.30	38.25	54	74	-21.70	-35.75	Horizontal
2412.036	96.47	102.36	-7.43	89.04	94.93	-	-	-	-	Horizontal
*4824.056	50.97	56.90	-0.19	50.78	56.71	54	74	-3.22	-17.39	Horizontal
7236.082	44.07	50.03	3.05	47.12	53.08	54	74	-6.88	-20.92	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11n Channel High 2437MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2437.035	95.15	101.07	-7.36	87.79	93.71	-	-	-	-	Vertical
*4874.055	50.00	55.91	0.09	50.09	56.00	54	74	-3.91	18.00	Vertical
*7311.080	43.25	49.14	3.22	46.47	52.36	54	74	-7.53	-21.64	Vertical
2437.035	96.02	101.95	-7.36	88.66	94.59	-	-	-	-	Horizontal
*4874.055	49.90	55.82	0.09	49.99	55.91	54	74	-4.01	-18.092	Horizontal
*7311.080	43.78	49.70	3.22	47.00	52.92	54	74	-7.00	-21.08	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

Date of Test:	November 2-3, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	DC 5V
Test Mode:	802.11n Channel High 2462MHz	Test Engineer:	Joe

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	Vertical
-	-	-	-	-	-	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2462.034	95.03	100.96	-7.35	87.68	93.61	-	-	-	-	Vertical
2483.500	39.81	45.72	-7.37	32.44	38.35	54	74	-21.56	-35.65	Vertical
*4924.054	49.53	55.42	0.34	49.87	55.76	54	74	-4.13	-18.24	Vertical
*7386.079	42.77	48.69	3.39	46.16	52.08	54	74	-7.84	-21.92	Vertical
2462.034	96.11	102.10	-7.35	88.76	94.75	-	-	-	-	Horizontal
2483.500	39.93	45.89	-7.37	32.56	38.52	54	74	-21.44	-35.48	Horizontal
*4924.054	50.13	56.16	0.34	50.47	56.50	54	74	-3.53	-17.50	Horizontal
*7386.079	43.83	49.80	3.34	47.17	53.14	54	74	-6.83	-20.86	Horizontal

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

ACCURATE TECHNOLOGY CO., LTD.
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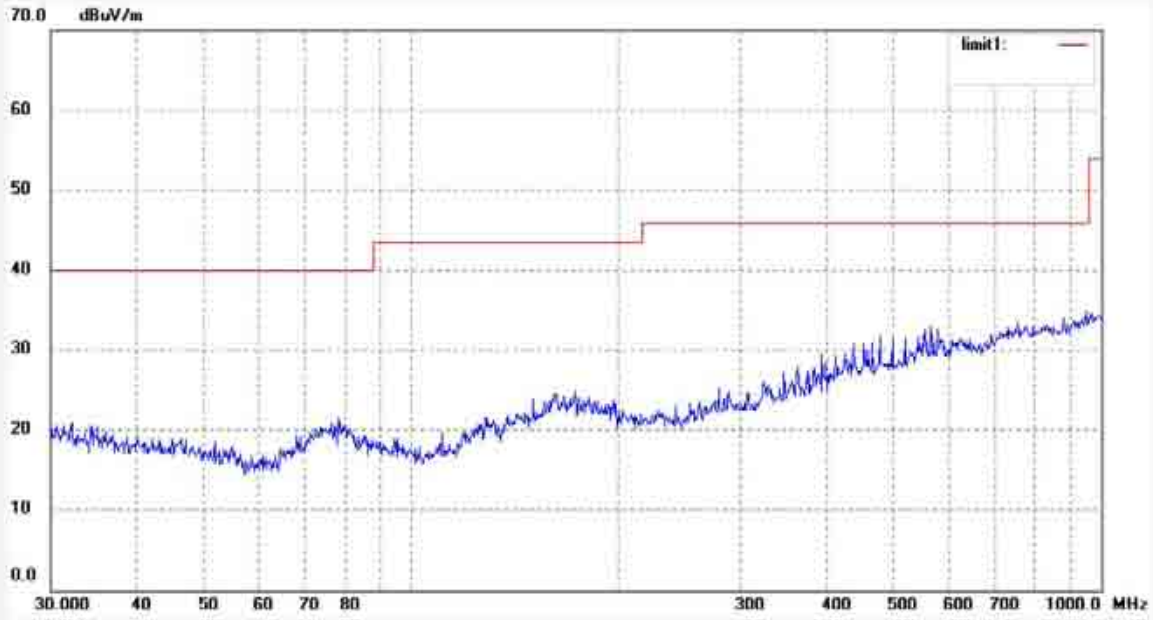
Fax:+86-0755-26503396

Job No.: RTTE #5868	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:01:24
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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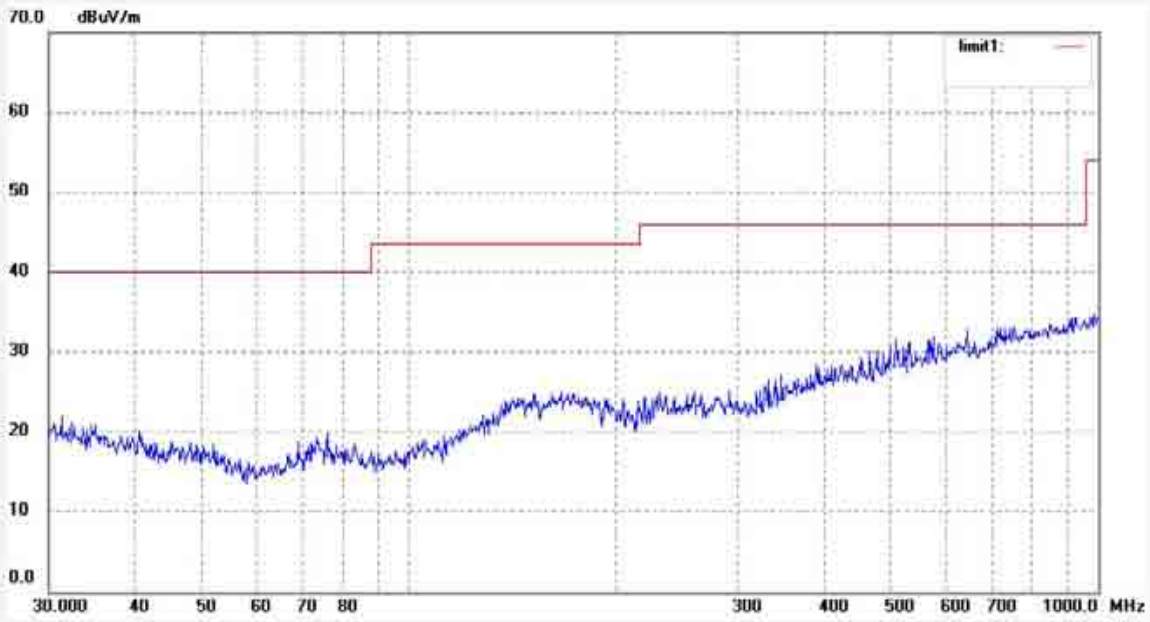
Job No.: RTTE #5869	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:05:27
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
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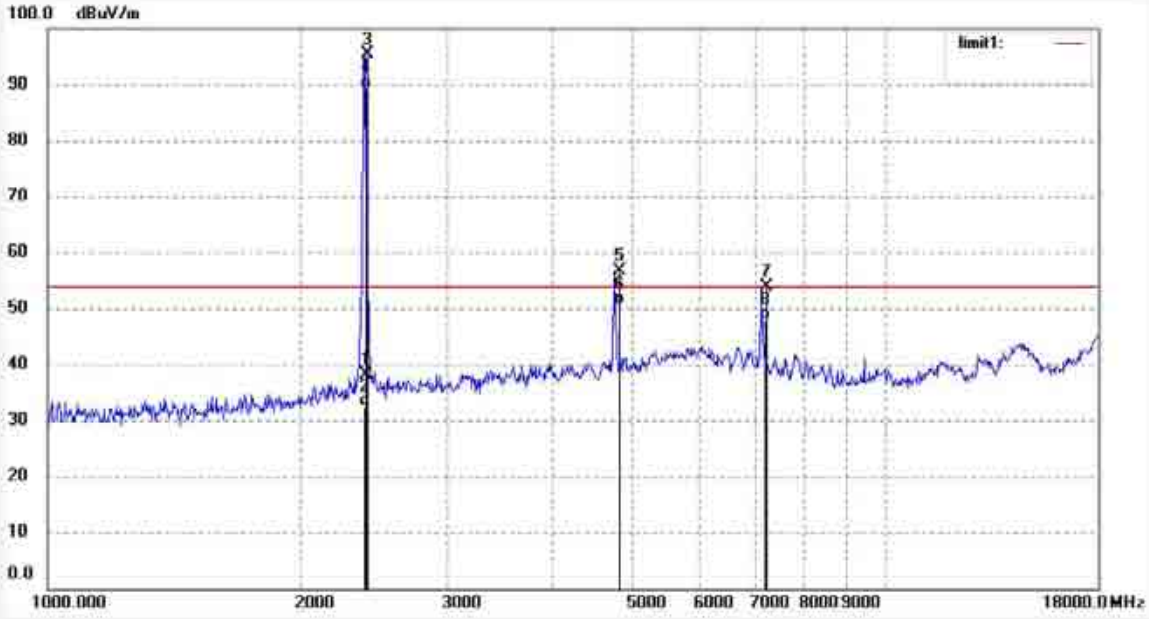
Job No.: RTTE #5887
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 1 (802.11b)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Horizontal
Power Source: DC 5V
Date: 2010/11/03
Time: 9:12:38
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	45.65	-7.46	38.19	74.00	-35.81	peak			
2	2400.000	39.73	-7.46	32.27	54.00	-21.73	AVG			
3	2412.030	102.86	-7.43	95.43	-	-	peak			
4	2412.030	96.92	-7.43	89.49	-	-	AVG			
5	4824.052	56.84	-0.19	56.65	74.00	-17.35	peak			
6	4824.052	50.87	-0.19	50.68	54.00	-3.32	AVG			
7	7236.076	50.92	3.05	53.97	74.00	-20.03	peak			
8	7236.076	44.90	3.05	47.95	54.00	-6.05	AVG			

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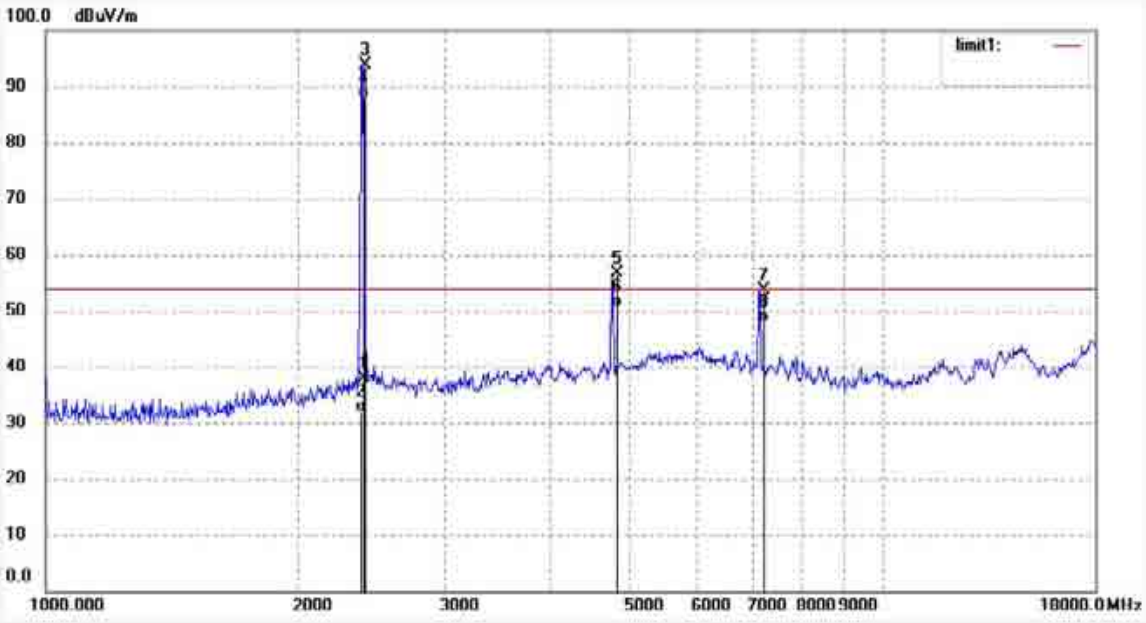
Job No.: RTTE #5886	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:08:11
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	45.26	-7.46	37.80	74.00	-36.20	peak			
2	2400.000	39.38	-7.46	31.92	54.00	-22.08	AVG			
3	2412.030	101.21	-7.43	93.78	-	-	peak			
4	2412.030	95.28	-7.43	87.85	-	-	AVG			
5	4824.052	56.81	-0.19	56.62	74.00	-17.38	peak			
6	4824.052	50.89	-0.19	50.70	54.00	-3.30	AVG			
7	7236.076	50.66	3.05	53.71	74.00	-20.29	peak			
8	7236.076	44.73	3.05	47.78	54.00	-6.22	AVG			

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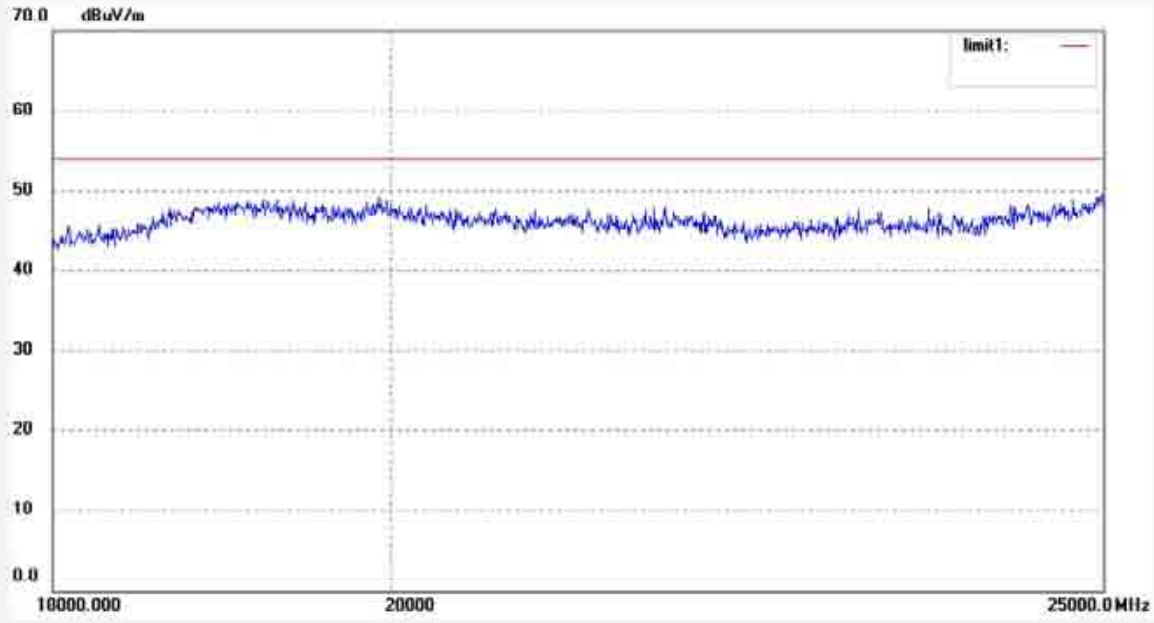
Job No.: RTTE #5904	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:49:50
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
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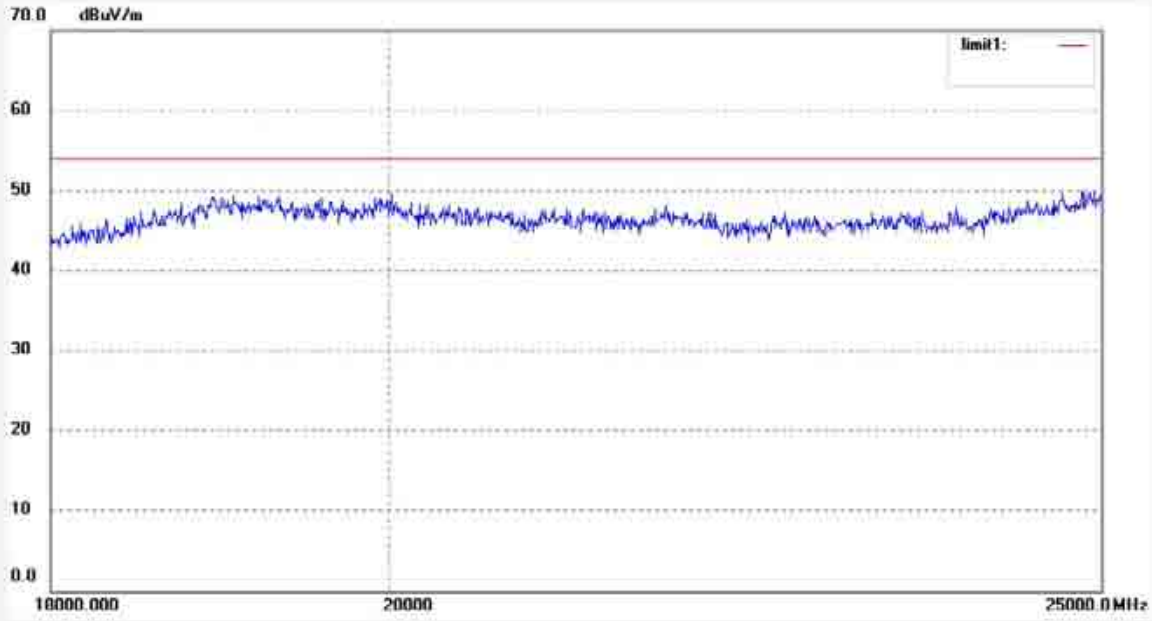
Job No.: RTTE #5905	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:54:16
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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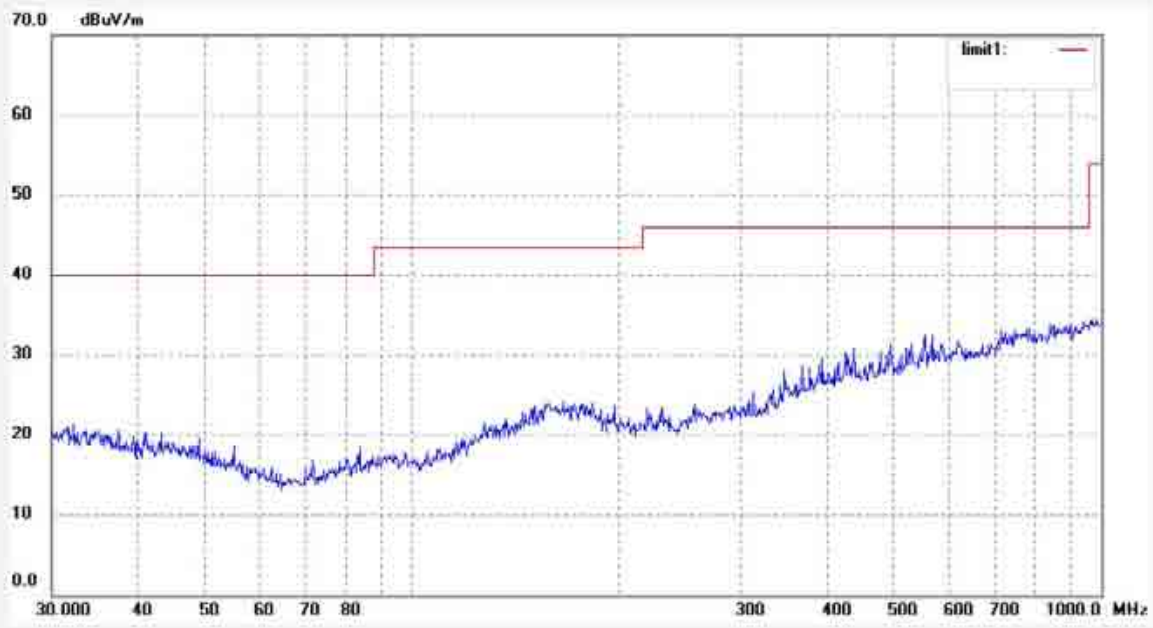
Job No.: RTTE #5871	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:14:30
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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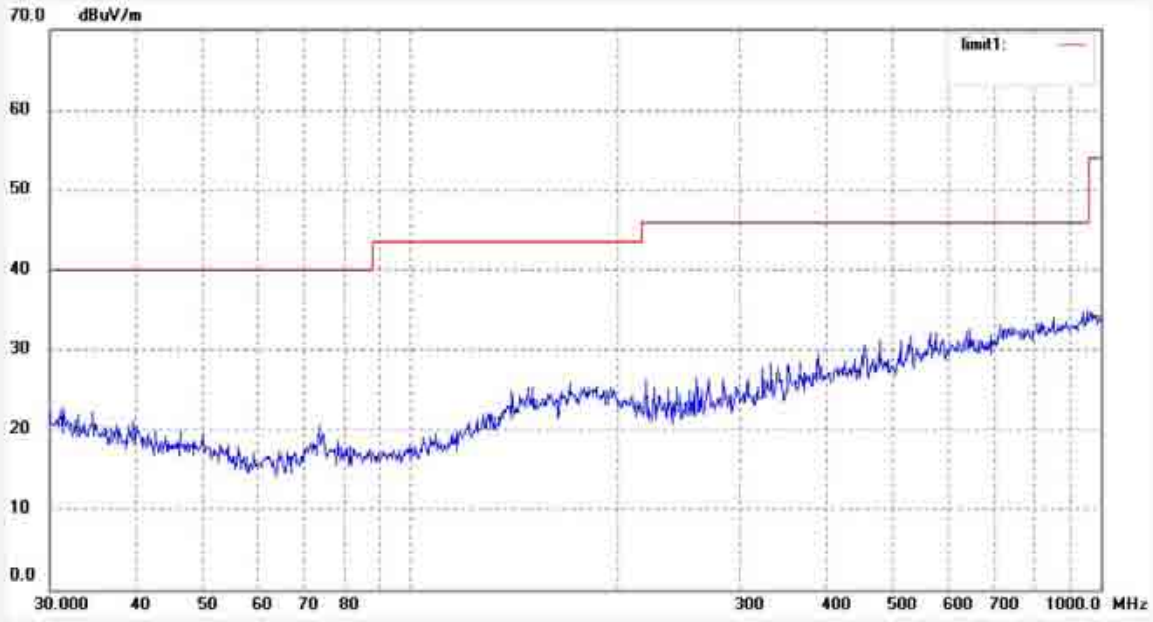
Job No.: RTTE #5870	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:10:22
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
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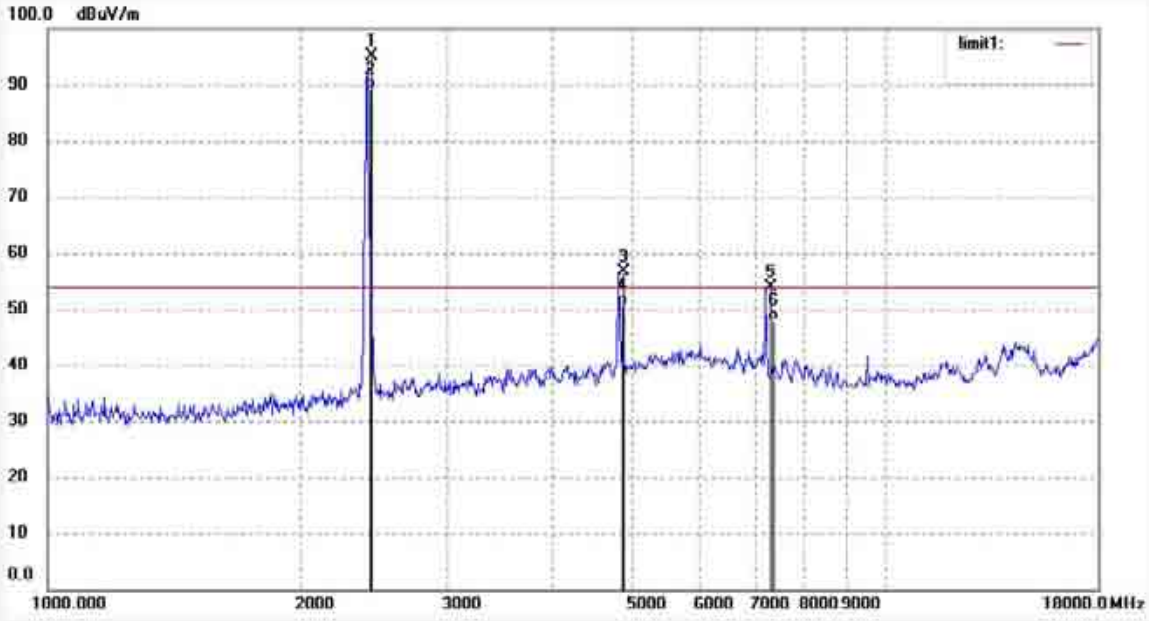
Job No.: RTTE #5888	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:17:41
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.032	102.53	-7.36	95.17	-	-	peak			
2	2437.032	96.60	-7.36	89.24	-	-	AVG			
3	4874.053	56.55	0.09	56.64	74.00	-17.36	peak			
4	4874.053	50.56	0.09	50.65	54.00	-3.35	AVG			
5	7311.078	50.66	3.22	53.88	74.00	-20.12	peak			
6	7311.078	44.72	3.22	47.94	54.00	-6.06	AVG			

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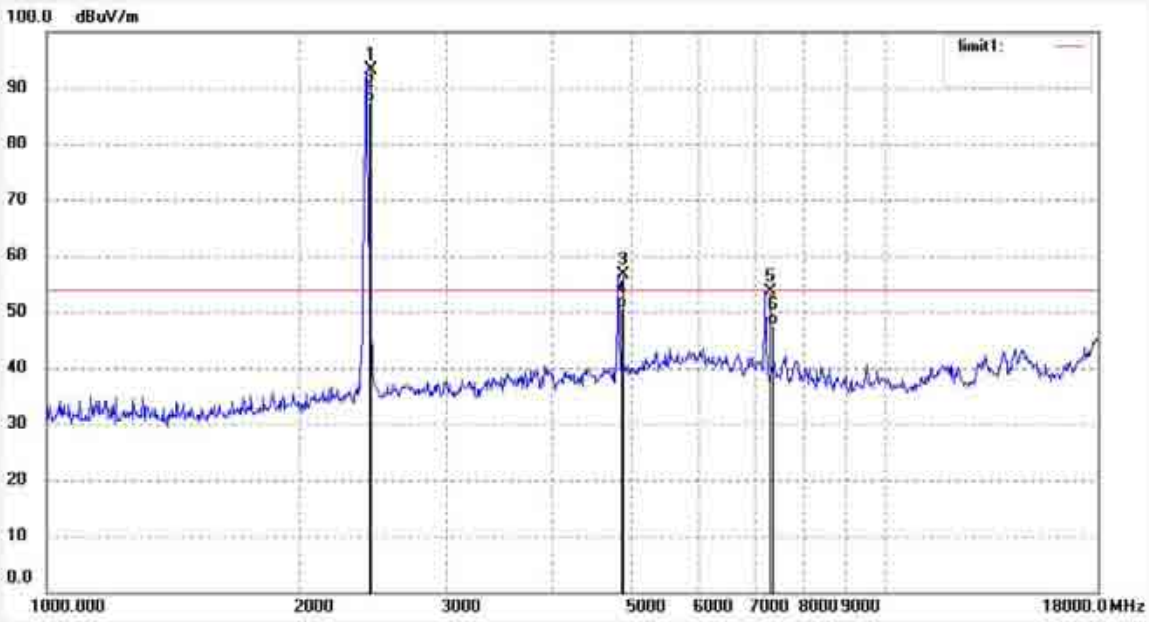
Job No.: RTTE #5889
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 6 (802.11b)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Vertical
Power Source: DC 5V
Date: 2010/11/03
Time: 9:21:58
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.032	100.54	-7.36	93.18	-	-	peak			
2	2437.032	94.68	-7.36	87.32	-	-	AVG			
3	4874.053	56.47	0.09	56.56	74.00	-17.44	peak			
4	4874.053	50.56	0.09	50.65	54.00	-3.35	AVG			
5	7311.078	50.41	3.22	53.63	74.00	-20.37	peak			
6	7311.078	44.49	3.22	47.71	54.00	-6.29	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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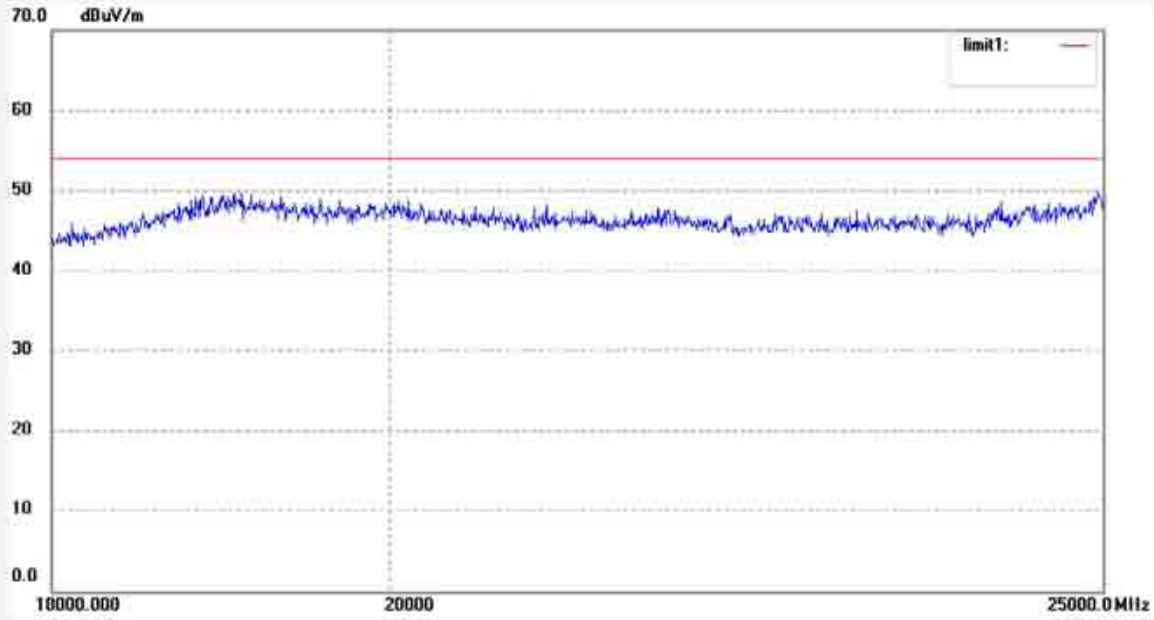
Job No.: RTTE #5907	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:03:54
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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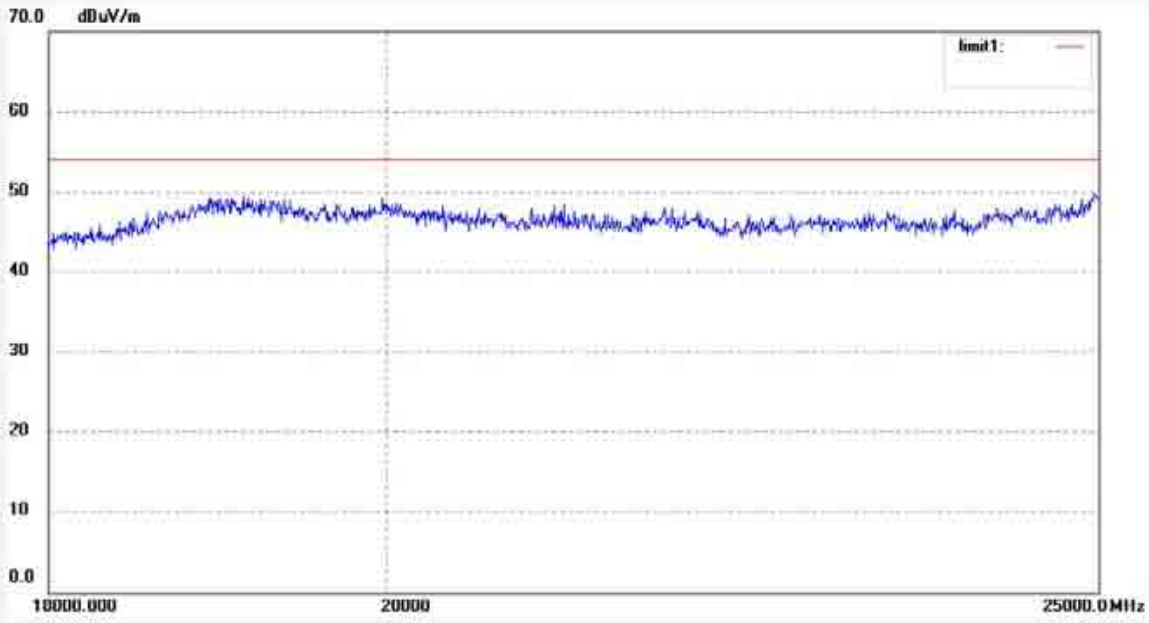
Fax:+86-0755-26503396

Job No.: RTTE #5906	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:59:30
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

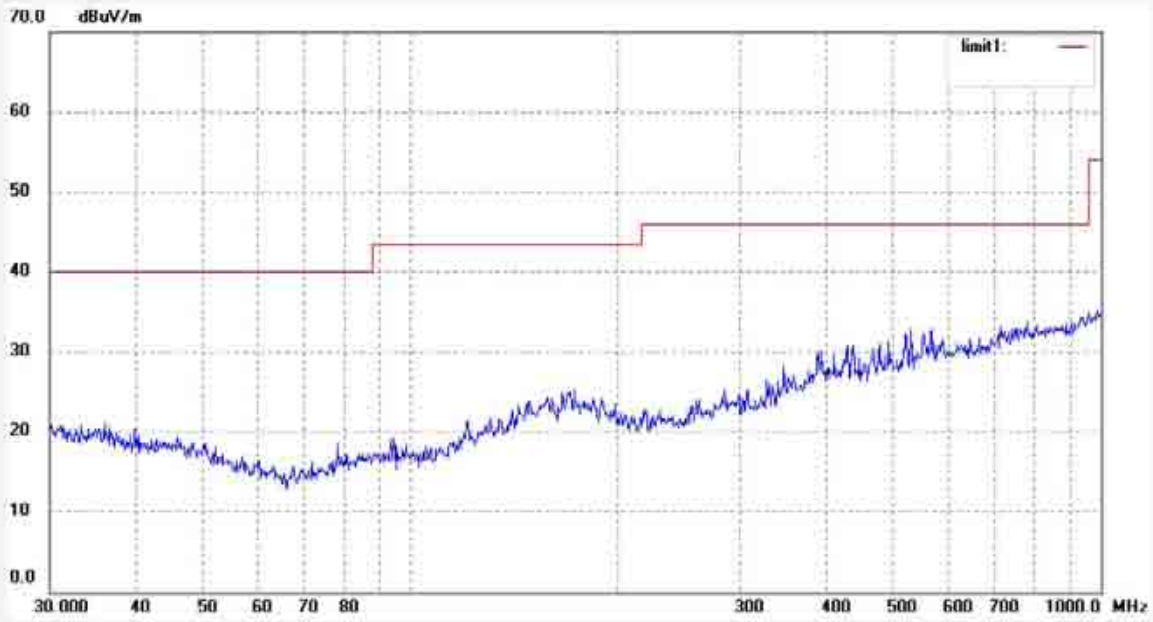


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5872	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:19:41
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

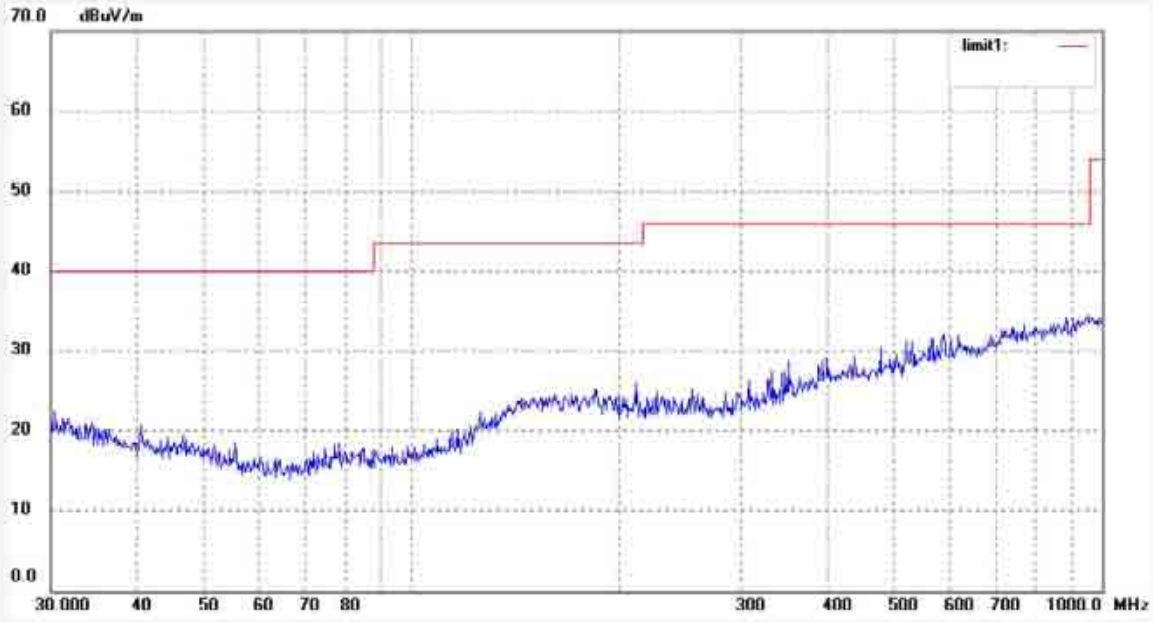


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5873	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:23:50
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



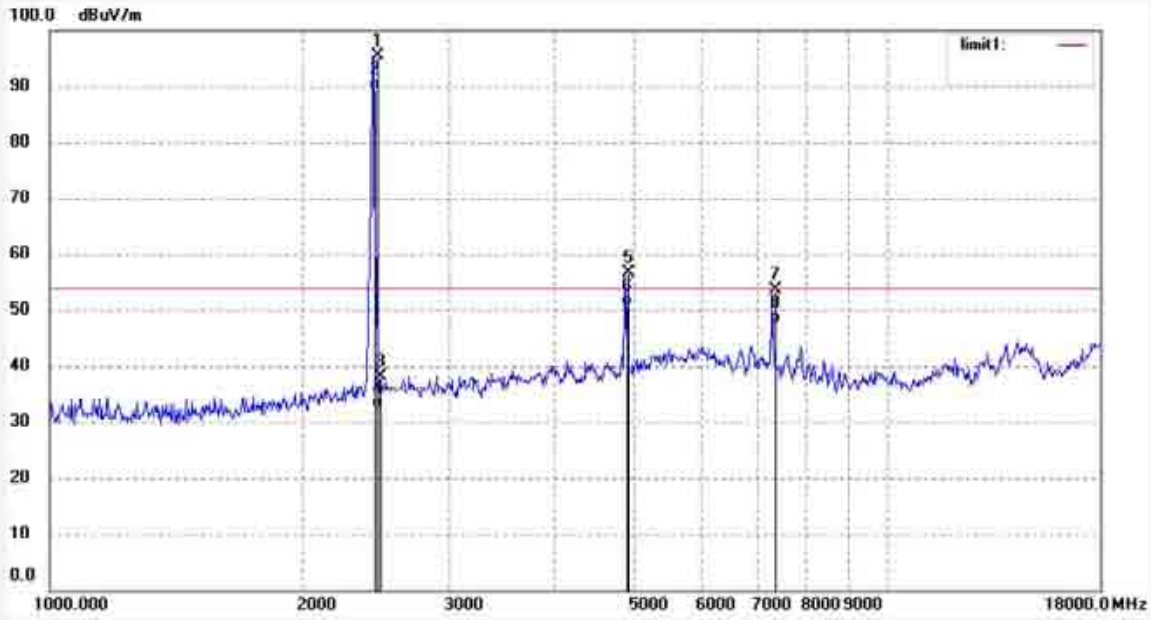
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5891
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 11 (802.11b)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Horizontal
Power Source: DC 5V
Date: 2010/11/03
Time: 9:31209
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



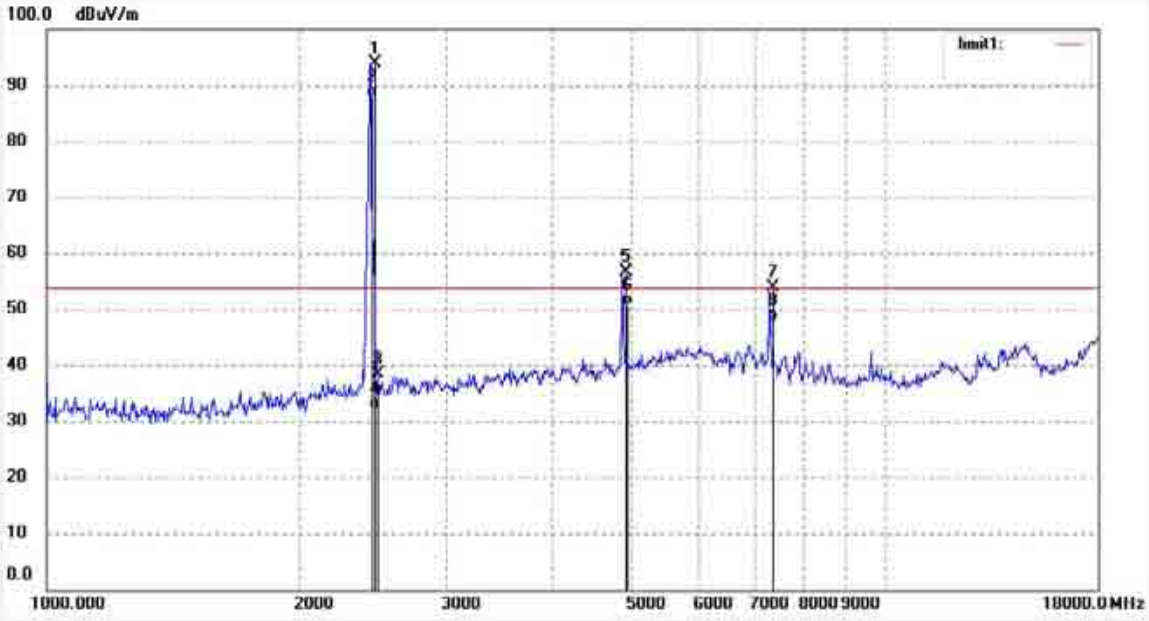
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.029	102.74	-7.35	95.39	-	-	peak			
2	2462.029	96.77	-7.35	89.42	-	-	AVG			
3	2483.500	45.55	-7.37	38.18	74.00	-35.82	peak			
4	2483.500	39.66	-7.37	32.29	54.00	-21.71	AVG			
5	4924.050	56.37	0.34	56.71	74.00	-17.29	peak			
6	4924.050	50.40	0.34	50.74	54.00	-3.26	AVG			
7	7386.077	50.22	3.39	53.61	74.00	-20.39	peak			
8	7386.077	44.28	3.39	47.67	54.00	-6.33	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5890
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 11 (802.11b)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Vertical
Power Source: DC 5V
Date: 2010/11/03
Time: 9:27:02
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.029	101.29	-7.35	93.94	-	-	peak			
2	2462.029	95.33	-7.35	87.98	-	-	AVG			
3	2483.500	45.63	-7.37	38.26	74.00	-35.74	peak			
4	2483.500	39.60	-7.37	32.23	54.00	-21.77	AVG			
5	4924.050	56.29	0.34	56.63	74.00	-17.37	peak			
6	4924.050	50.38	0.34	50.72	54.00	-3.28	AVG			
7	7386.077	50.44	3.39	53.83	74.00	-20.17	peak			
8	7386.077	44.54	3.39	47.93	54.00	-6.07	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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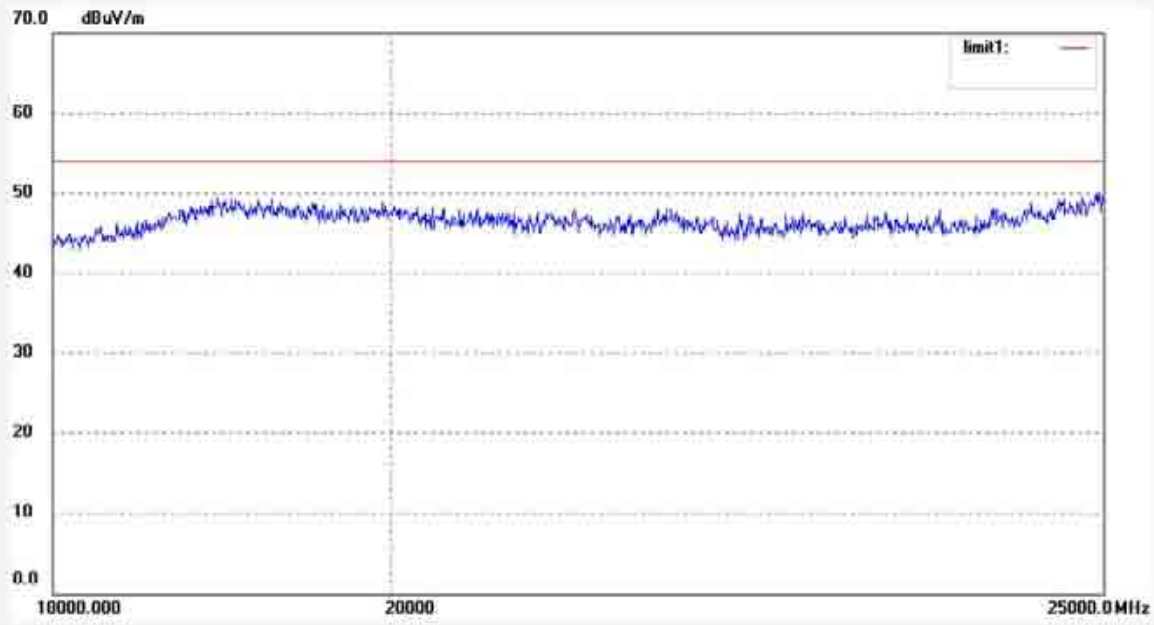
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5908	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:09:25
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

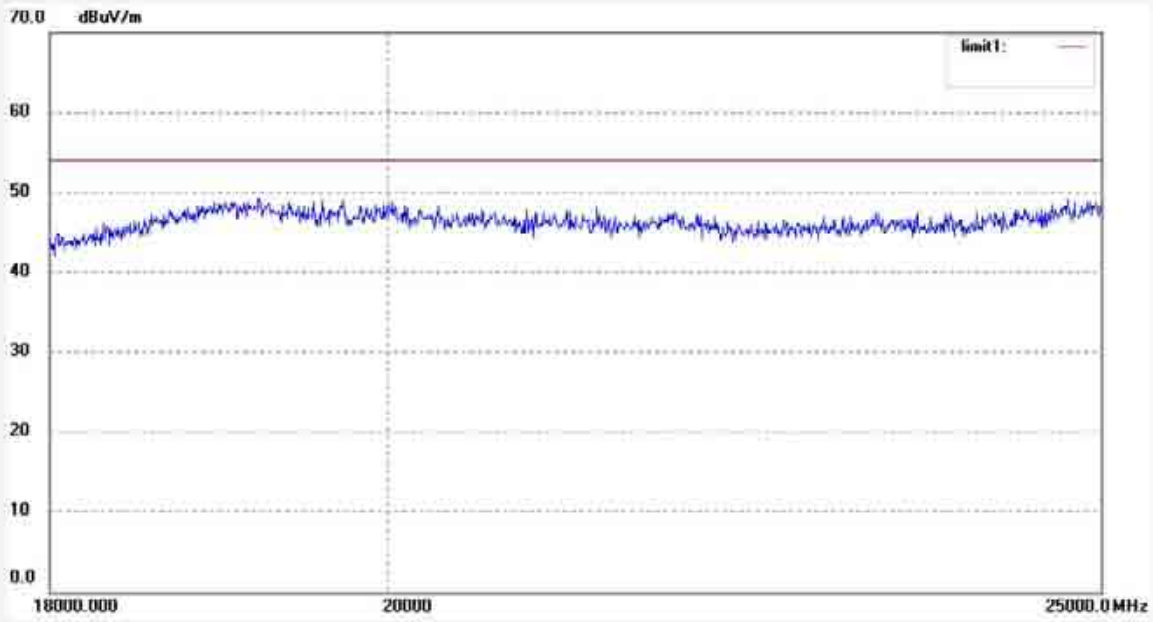


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5909	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:13:52
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

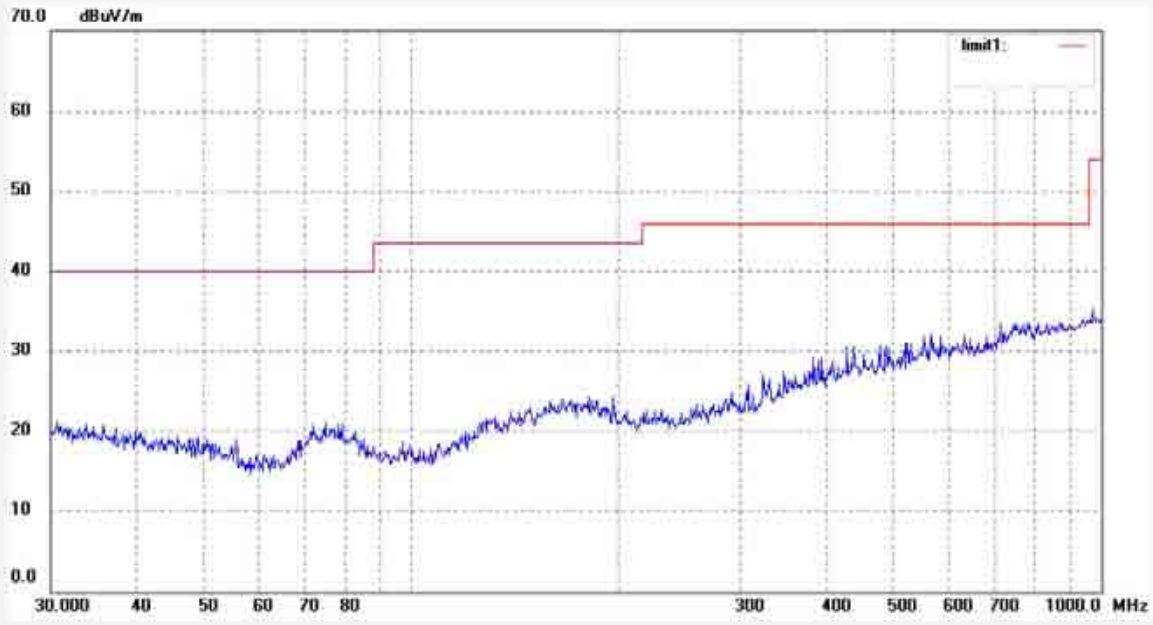


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5875	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:34:25
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

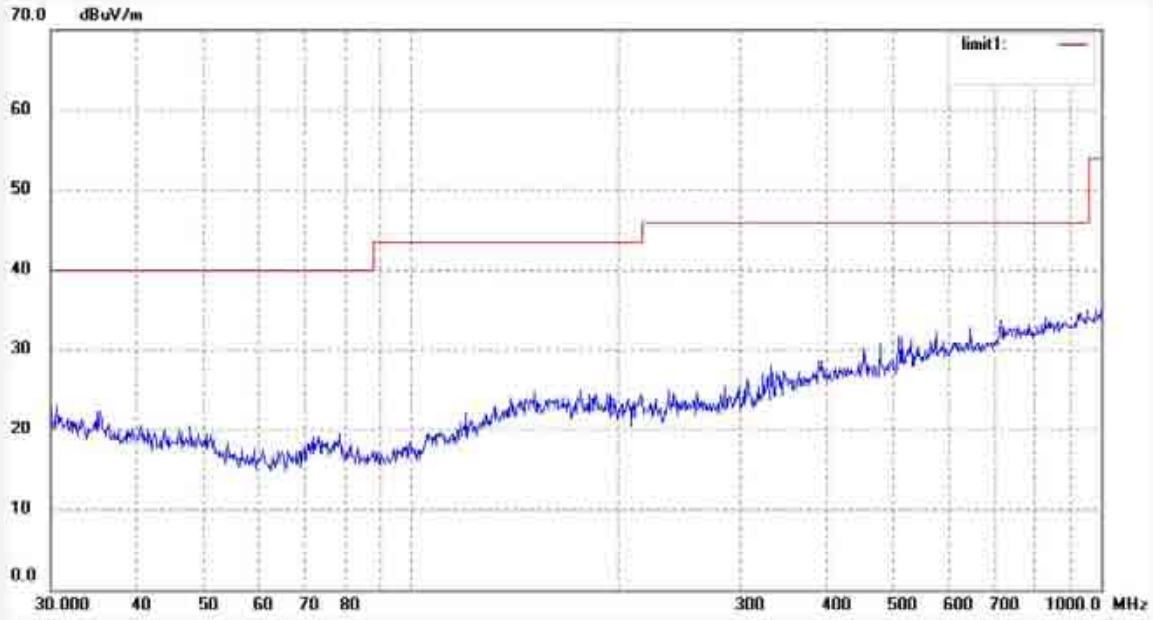


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5874	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:30:21
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



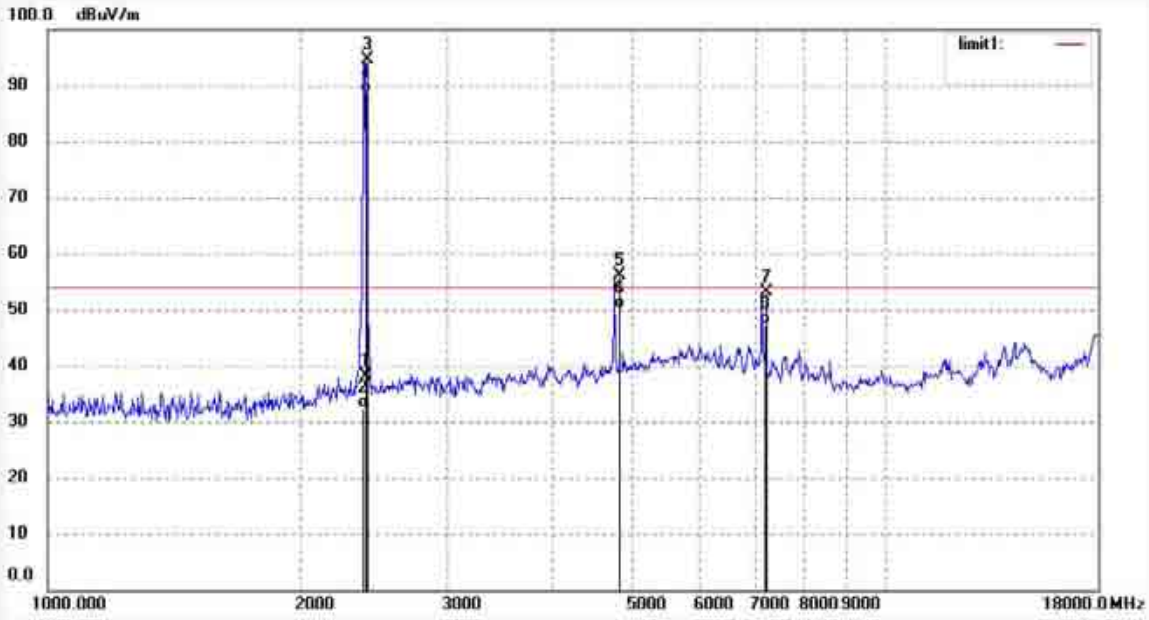
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5892
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 1 (802.11g)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Horizontal
Power Source: DC 5V
Date: 2010/11/03
Time: 9:40:59
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255

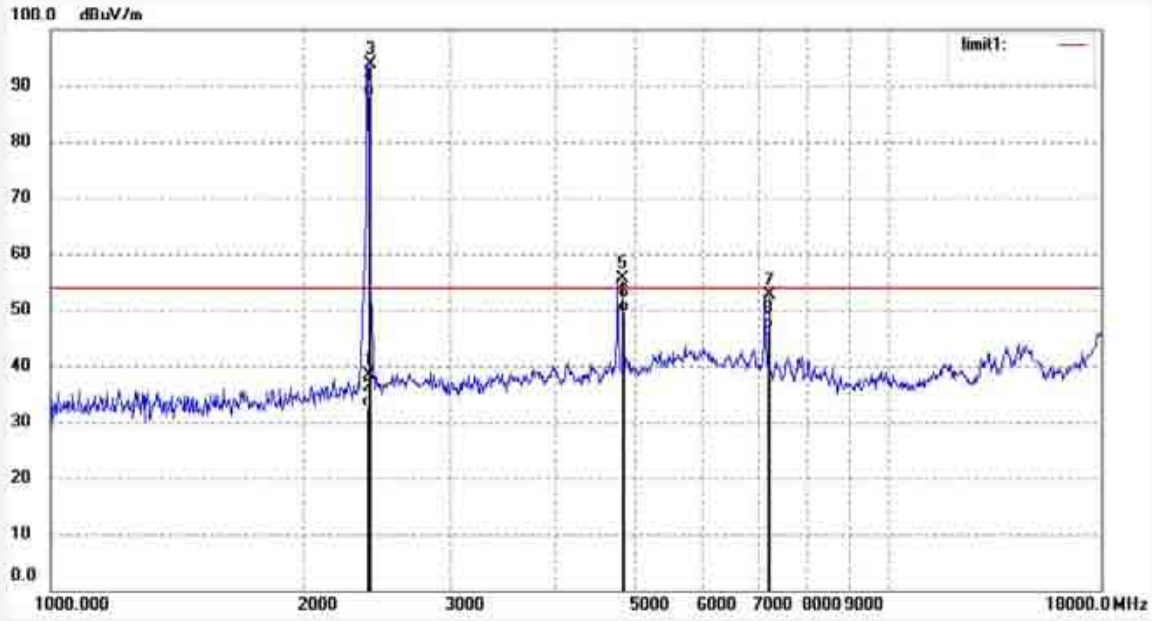


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	45.68	-7.46	38.22	74.00	-35.78	peak			
2	2400.000	39.72	-7.46	32.26	54.00	-21.74	AVG			
3	2412.033	102.06	-7.43	94.63	-	-	peak			
4	2412.033	96.09	-7.43	88.66	-	-	AVG			
5	4824.054	56.22	-0.19	56.03	74.00	-17.97	peak			
6	4824.054	50.38	-0.19	50.19	54.00	-3.81	AVG			
7	7236.080	50.15	3.05	53.20	74.00	-20.80	peak			
8	7236.080	44.23	3.05	47.28	54.00	-6.72	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5893	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 9:45:27
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

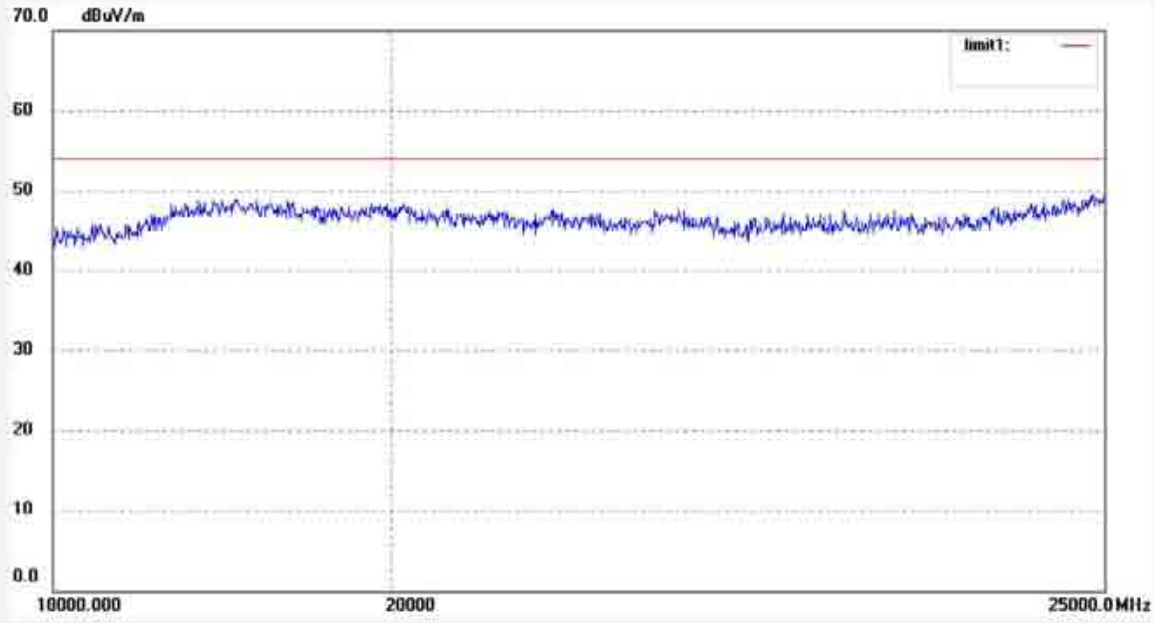


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark
1	2400.000	45.88	-7.46	38.42	74.00	-35.58	peak			
2	2400.000	39.98	-7.46	32.52	54.00	-21.48	AVG			
3	2412.033	101.43	-7.43	94.00	-	-	peak			
4	2412.033	95.51	-7.43	88.08	-	-	AVG			
5	4824.054	55.72	-0.19	55.53	74.00	-18.47	peak			
6	4824.054	49.80	-0.19	49.61	54.00	-4.39	AVG			
7	7236.080	49.46	3.05	52.51	74.00	-21.49	peak			
8	7236.080	43.58	3.05	46.63	54.00	-7.37	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5911	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:25:08
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

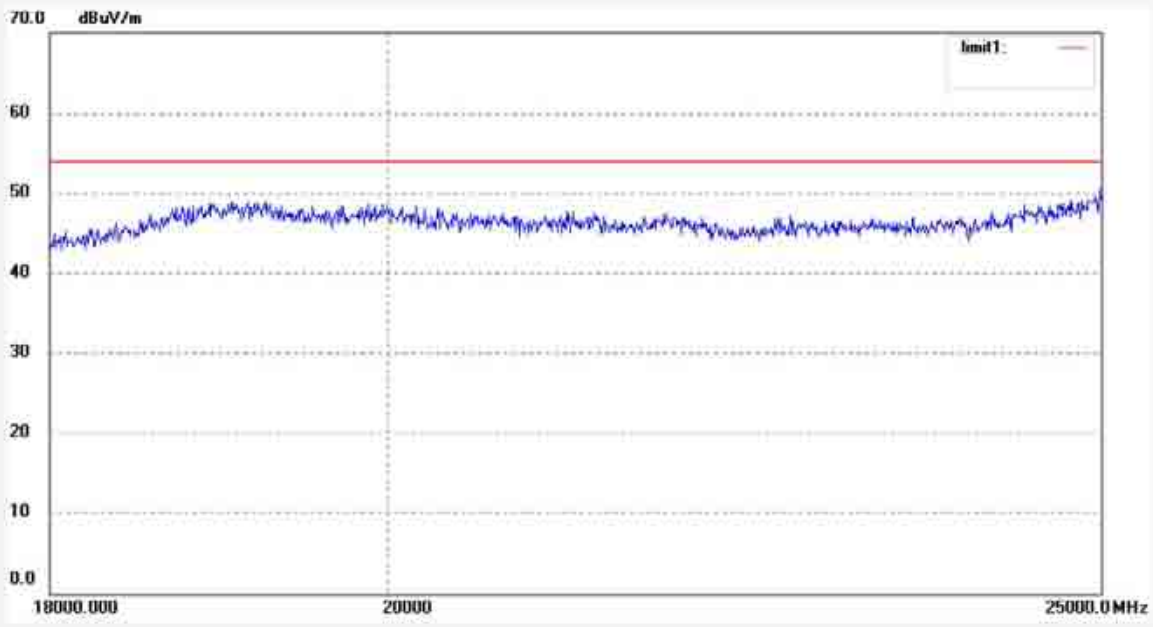


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5910	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:20:46
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

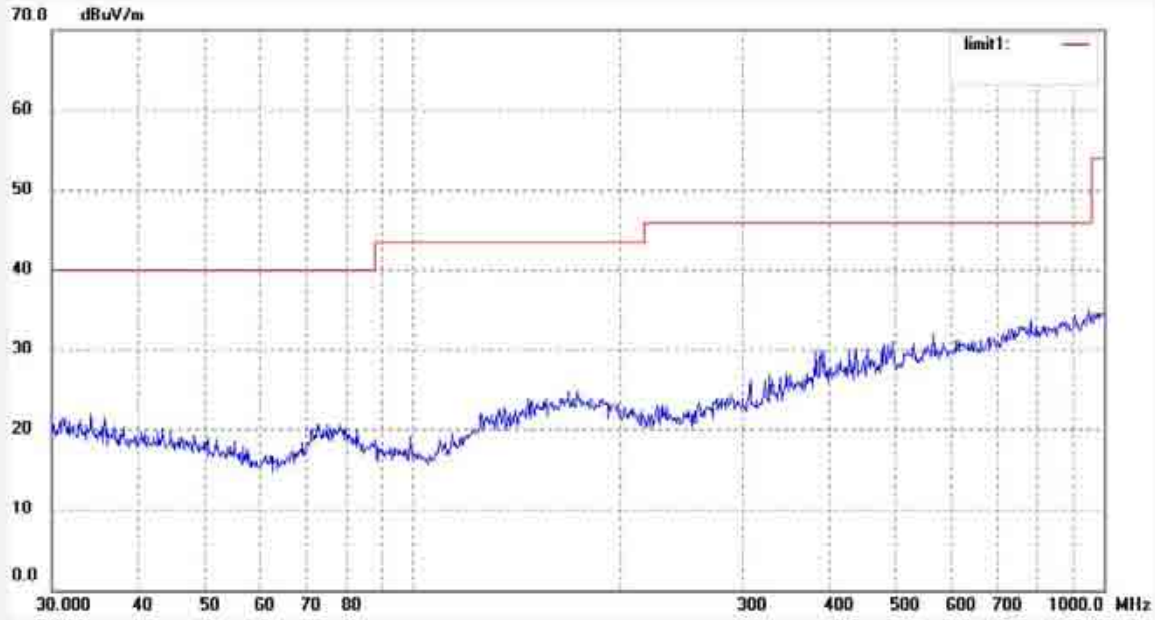


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5876	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:39:32
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

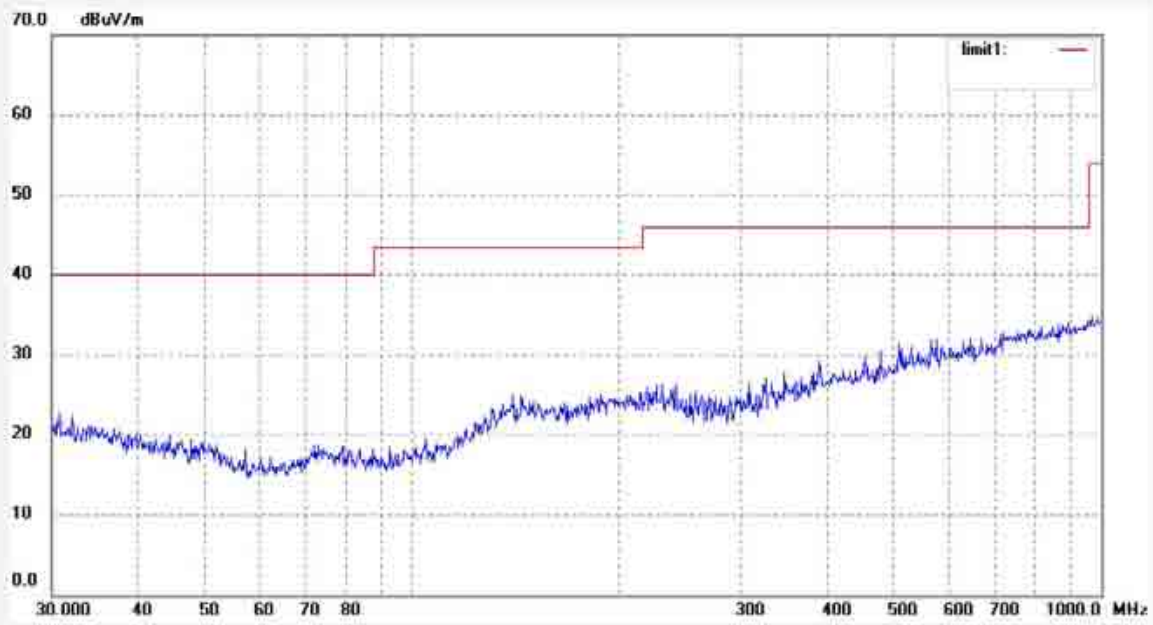


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5877	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:43:40
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



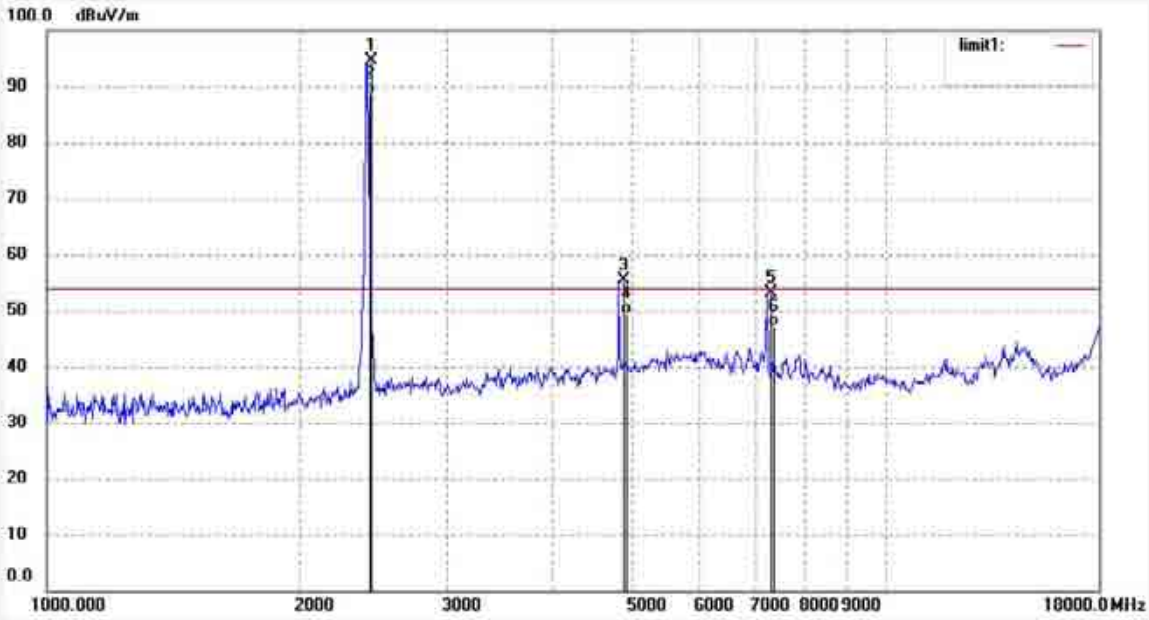
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5895
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 6 (802.11g)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Horizontal
Power Source: DC 5V
Date: 2010/11/03
Time: 9:54:57
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



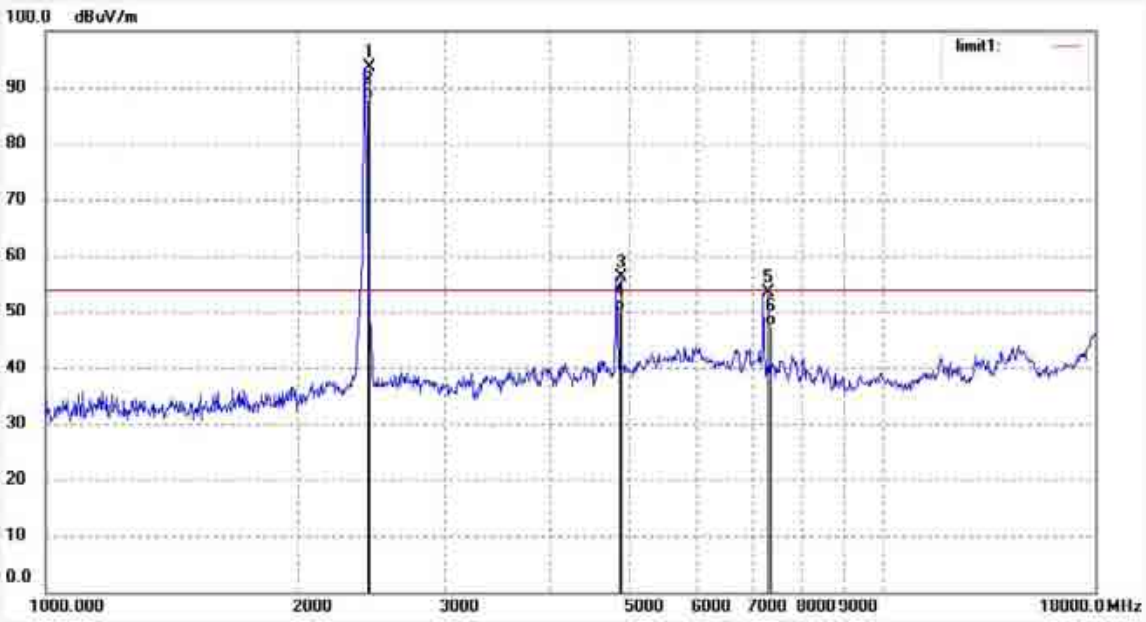
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.031	101.92	-7.36	94.56	-	-	peak			
2	2437.031	96.07	-7.36	88.71	-	-	AVG			
3	4874.052	55.20	0.09	55.29	74.00	-18.71	peak			
4	4874.052	49.23	0.09	49.32	54.00	-4.68	AVG			
5	7311.076	49.82	3.22	53.04	74.00	-20.96	peak			
6	7311.076	43.91	3.22	47.13	54.00	-6.87	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5894
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 6 (802.11g)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Vertical
Power Source: DC 5V
Date: 2010/11/03
Time: 9:50:35
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.031	101.10	-7.36	93.74	-	-	peak			
2	2437.031	95.19	-7.36	87.83	-	-	AVG			
3	4874.052	55.95	0.09	56.04	74.00	-17.96	peak			
4	4874.052	50.06	0.09	50.15	54.00	-3.85	AVG			
5	7311.076	50.06	3.22	53.28	74.00	-20.72	peak			
6	7311.076	44.19	3.22	47.41	54.00	-6.59	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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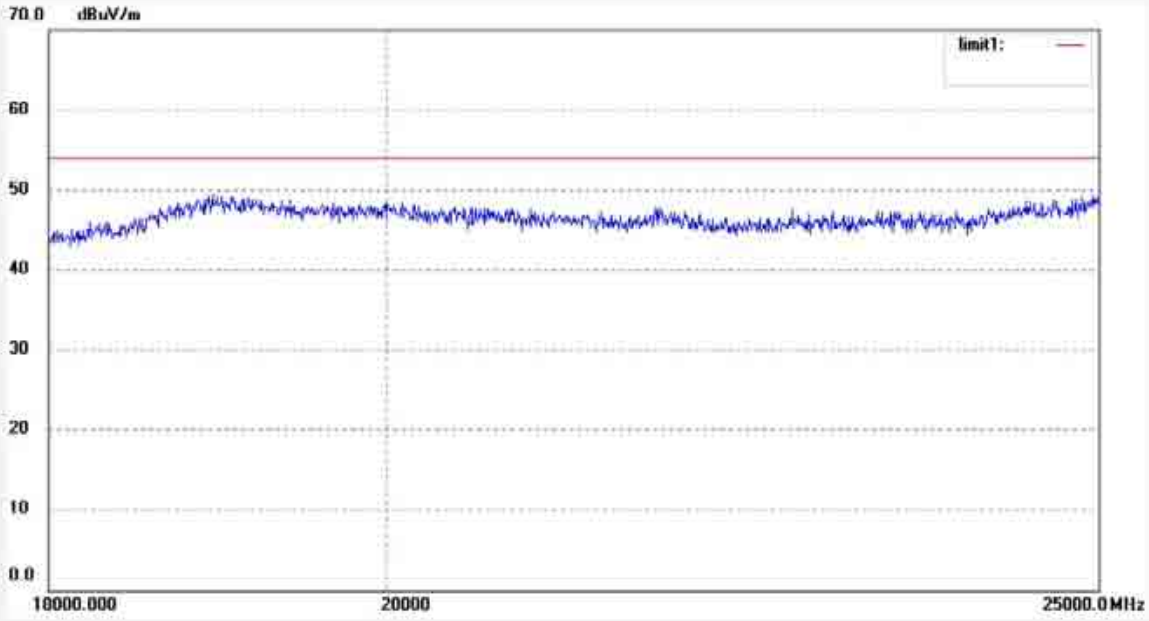
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5912	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:30:31
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

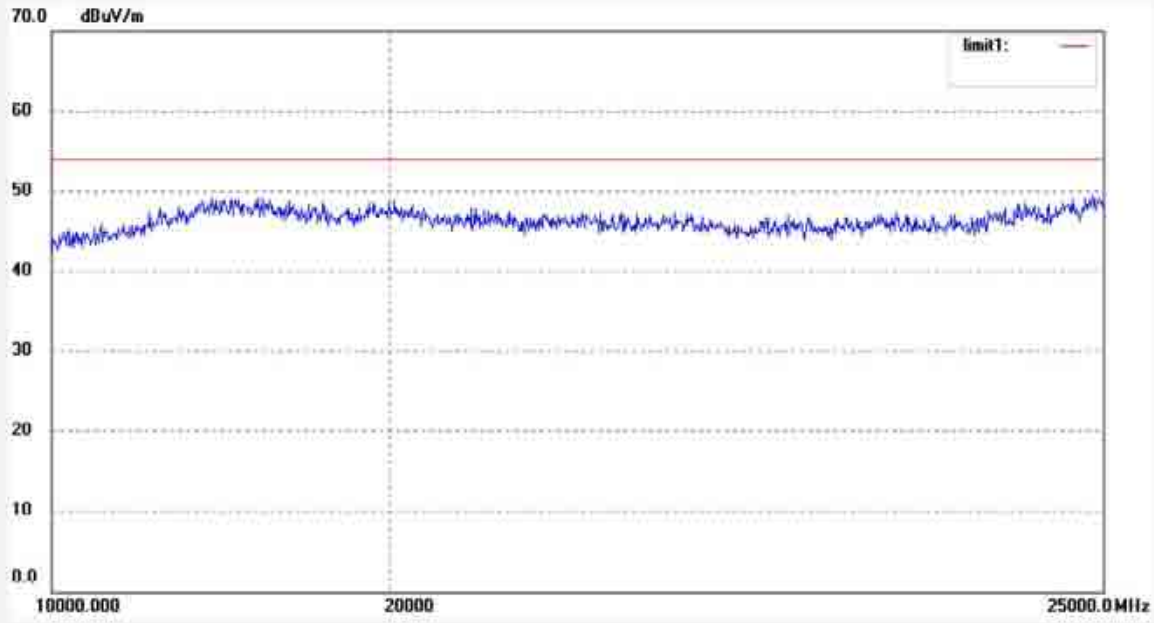


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5913	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:34:51
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

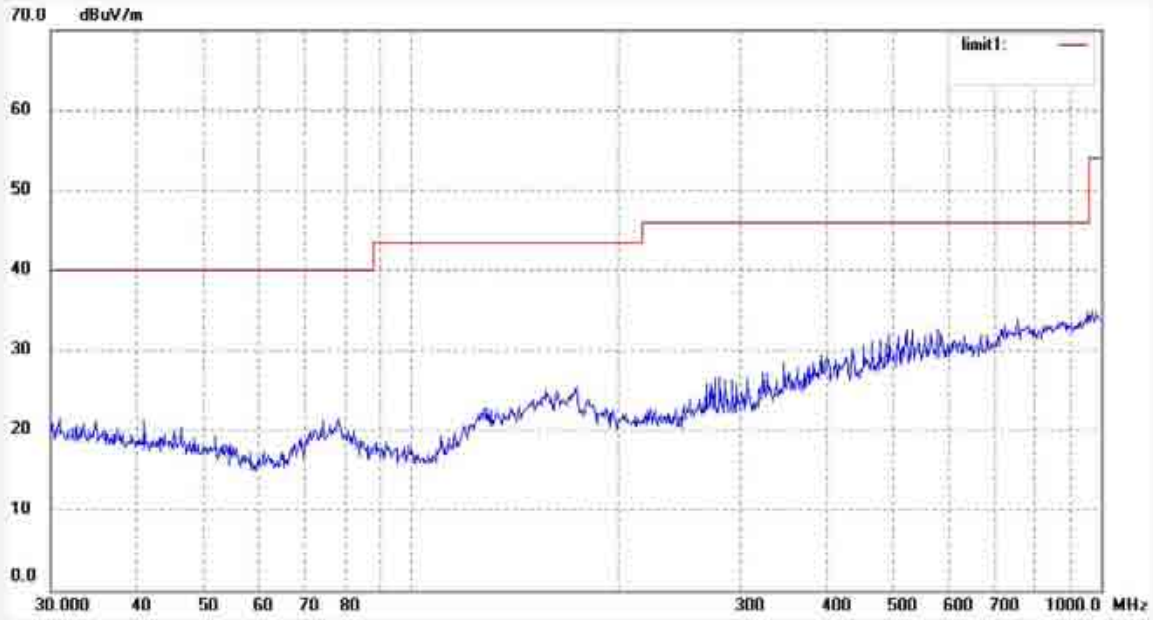


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5879	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:53:06
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

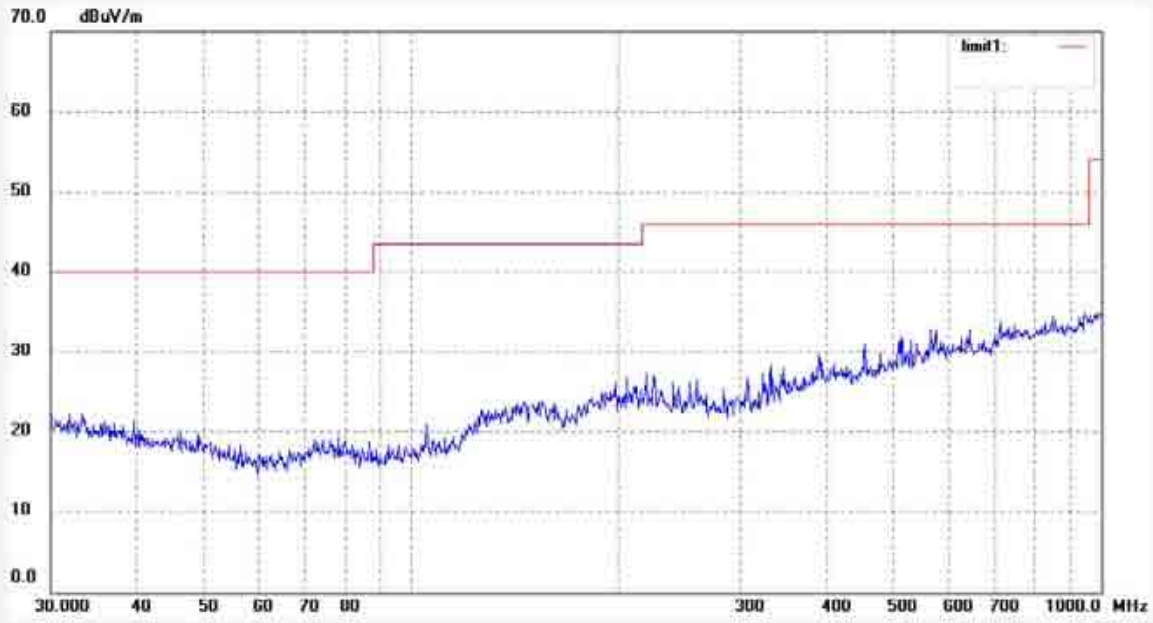


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5878	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:48:55
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

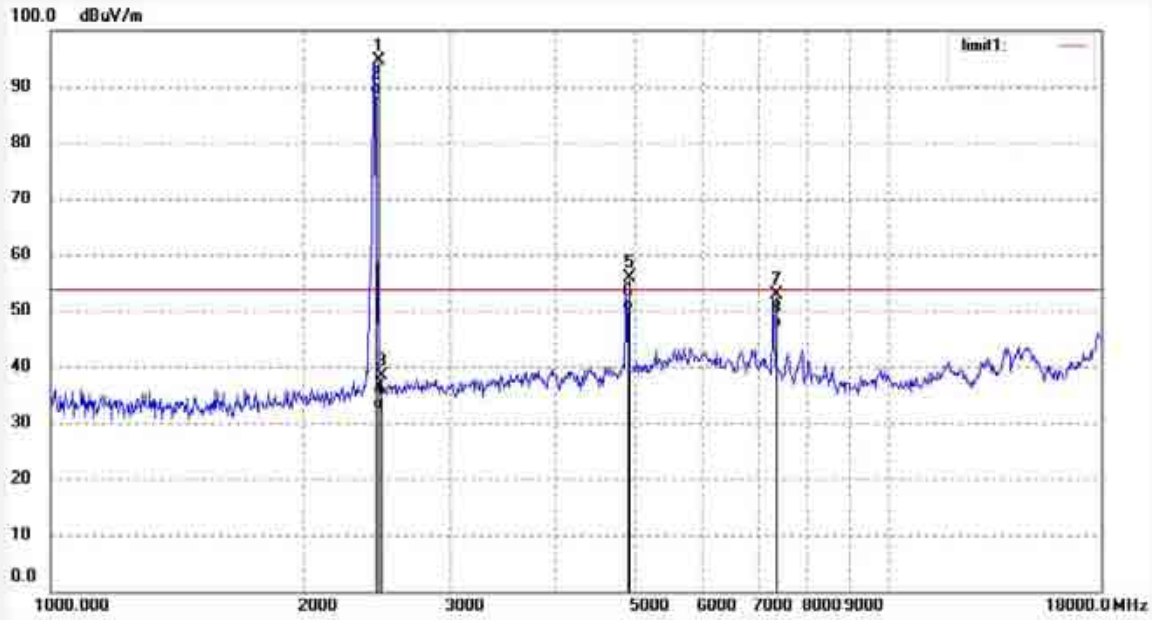


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5896	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:00:24
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.032	101.95	-7.35	94.60	-	-	peak			
2	2462.032	96.01	-7.35	88.66	-	-	AVG			
3	2483.500	45.65	-7.37	38.28	74.00	-35.72	peak			
4	2483.500	39.66	-7.37	32.29	54.00	-21.71	AVG			
5	4924.051	55.46	0.34	55.80	74.00	-18.20	peak			
6	4924.051	49.58	0.34	49.92	54.00	-4.08	AVG			
7	7386.079	49.37	3.39	52.76	74.00	-21.24	peak			
8	7386.079	43.46	3.39	46.85	54.00	-7.15	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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Site: 966 chamber
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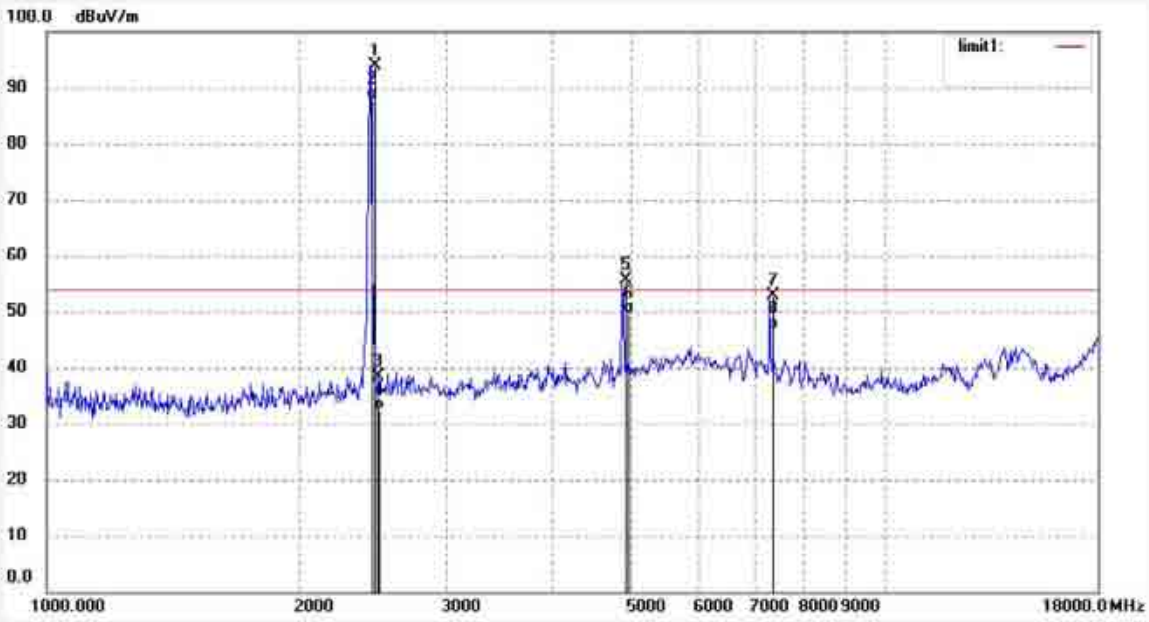
Fax:+86-0755-26503396

Job No.: RTTE #5897
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 11 (802.11g)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Vertical
Power Source: DC 5V
Date: 2010/11/03
Time: 10:04:50
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.032	101.29	-7.35	93.94	-	-	peak			
2	2462.032	95.34	-7.35	87.99	-	-	AVG			
3	2483.500	45.72	-7.37	38.35	74.00	-35.65	peak			
4	2483.500	39.80	-7.37	32.43	54.00	-21.57	AVG			
5	4924.051	55.29	0.34	55.63	74.00	-18.37	peak			
6	4924.051	49.30	0.34	49.64	54.00	-4.36	AVG			
7	7386.079	49.55	3.39	52.94	74.00	-21.06	peak			
8	7386.079	43.52	3.39	46.91	54.00	-7.09	AVG			

ACCURATE TECHNOLOGY CO., LTD.
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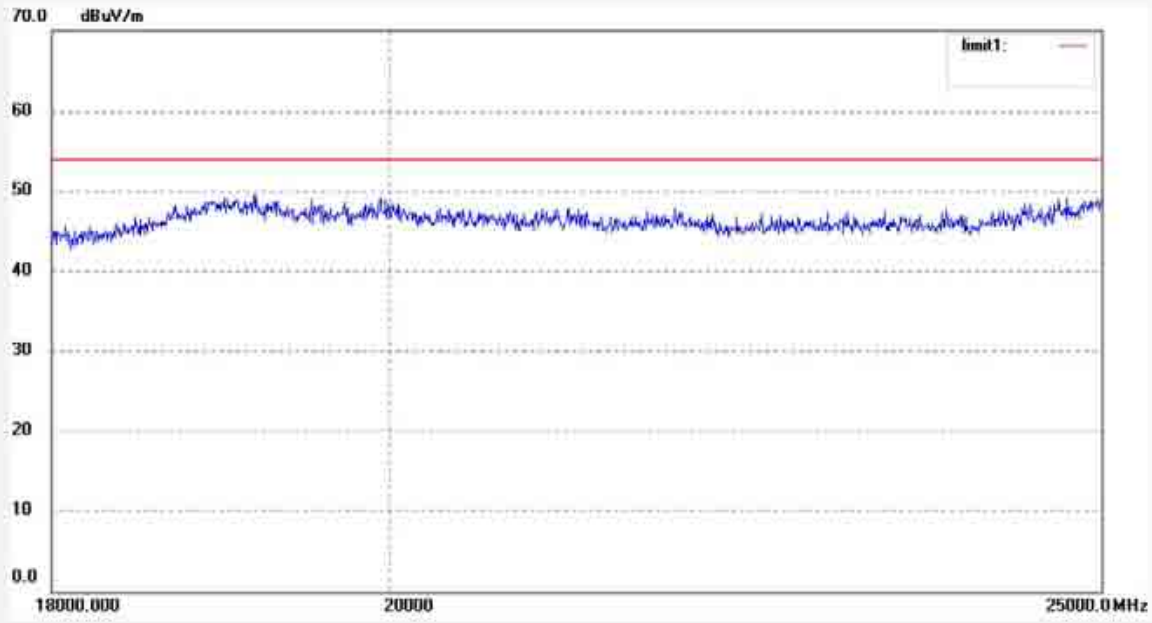
Fax:+86-0755-26503396

Job No.: RTTE #5915	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:44:35
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

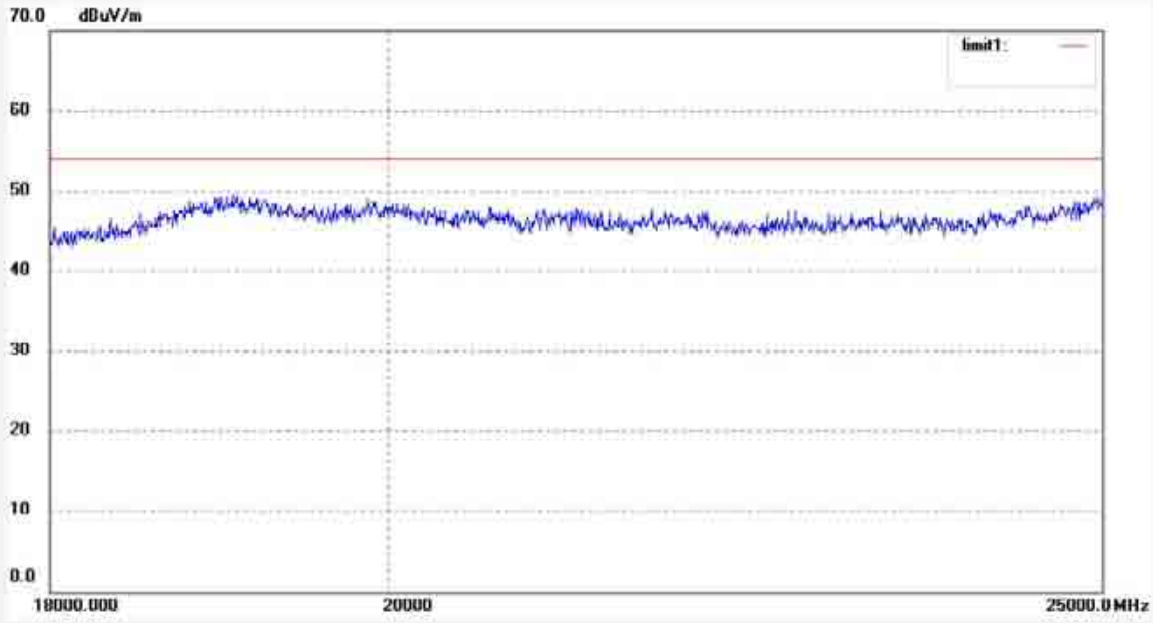


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5914	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:40:09
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

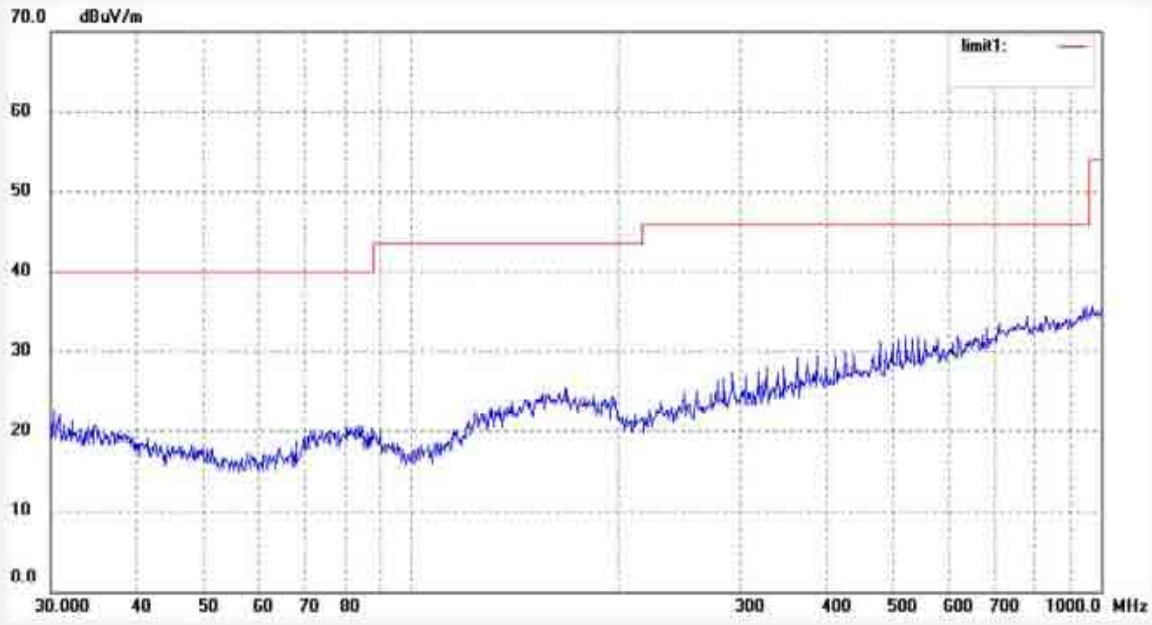


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5880	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 16:01:35
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

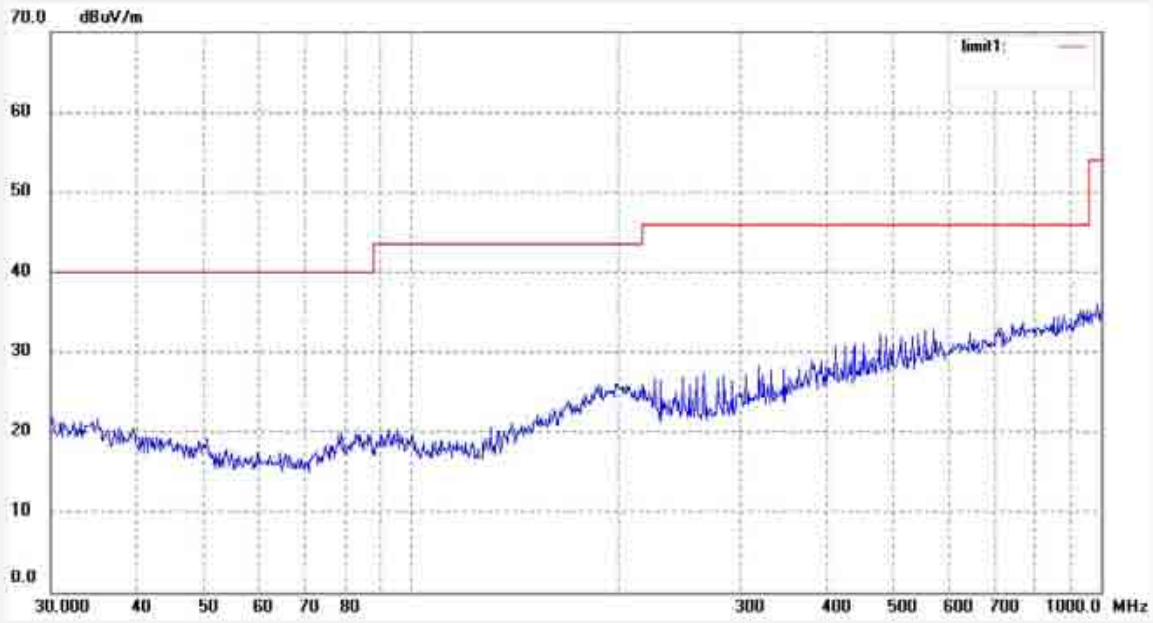


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5881	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 16:05:42
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



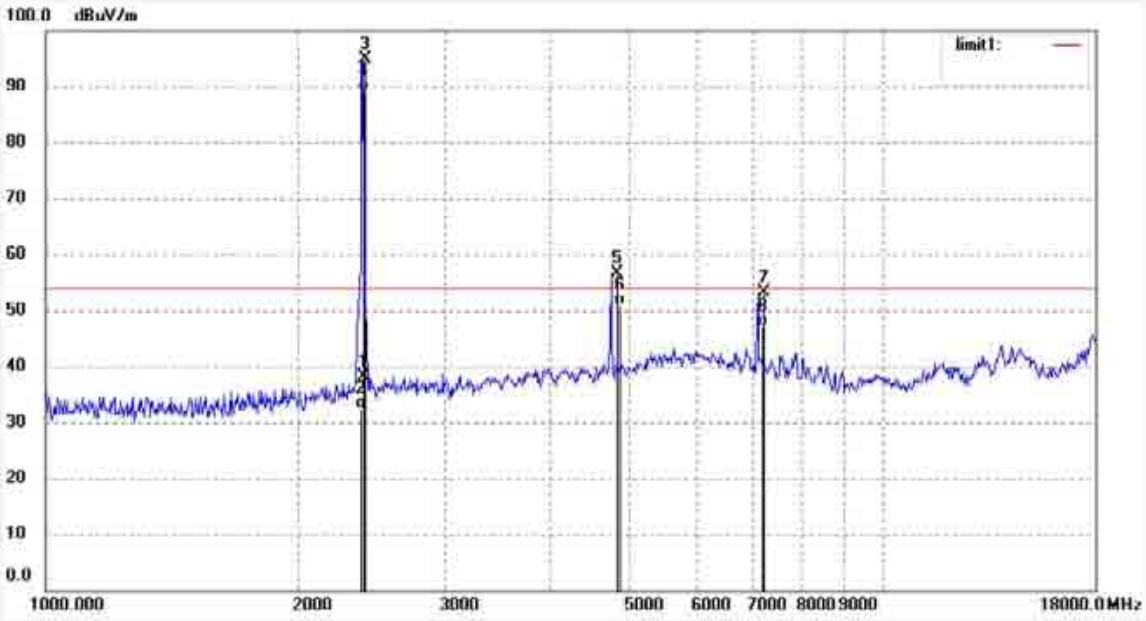
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5899
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 1 (802.11n)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Horizontal
Power Source: DC 5V
Date: 2010/11/03
Time: 10:18:56
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



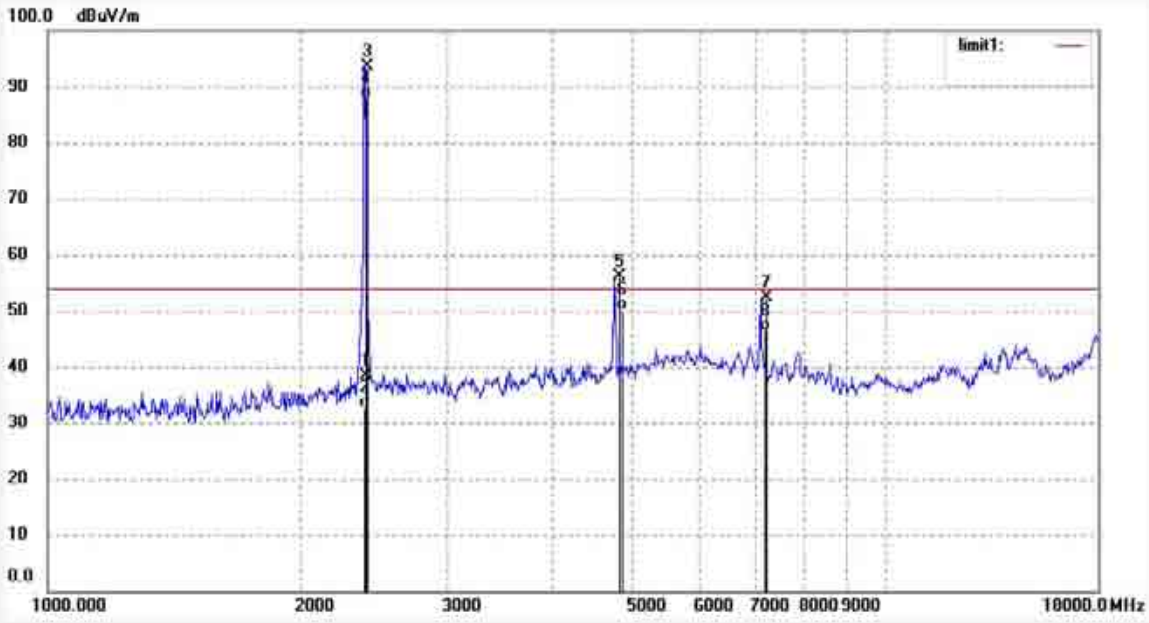
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	45.71	-7.46	38.25	74.00	-35.75	peak			
2	2400.000	39.76	-7.46	32.30	54.00	-21.70	AVG			
3	2412.036	102.36	-7.43	94.93	-	-	peak			
4	2412.036	96.47	-7.43	89.04	-	-	AVG			
5	4824.056	56.90	-0.19	56.71	74.00	-17.39	peak			
6	4824.056	50.97	-0.19	50.78	54.00	-3.22	AVG			
7	7236.082	50.03	3.05	53.08	74.00	-20.92	peak			
8	7236.082	44.07	3.05	47.12	54.00	-6.88	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5898
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 1 (802.11n)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Vertical
Power Source: DC 5V
Date: 2010/11/03
Time: 10:14:27
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2400.000	45.96	-7.46	38.50	74.00	-35.50	peak			
2	2400.000	40.06	-7.46	32.60	54.00	-21.40	AVG			
3	2412.036	101.16	-7.43	93.73	-	-	peak			
4	2412.036	95.25	-7.43	87.82	-	-	AVG			
5	4824.056	56.24	-0.19	56.05	74.00	-17.95	peak			
6	4824.056	50.35	-0.19	50.16	54.00	-3.84	AVG			
7	7236.082	49.29	3.05	52.34	74.00	-21.66	peak			
8	7236.082	43.38	3.05	46.43	54.00	-7.57	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
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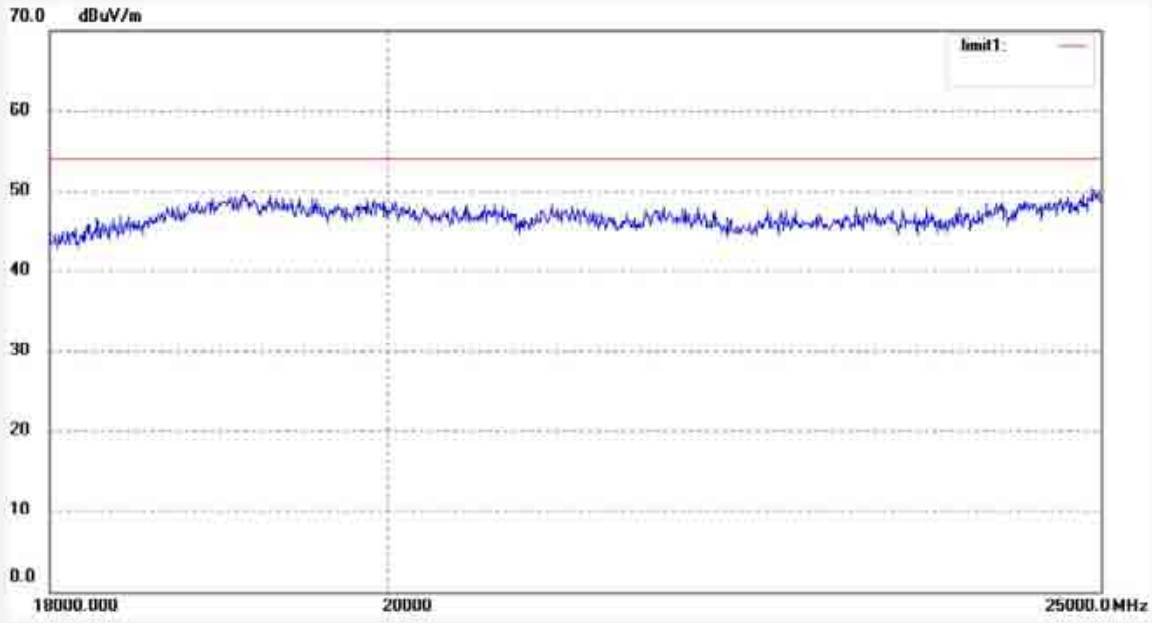
Fax:+86-0755-26503396

Job No.: RTTE #5916	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:52:09
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

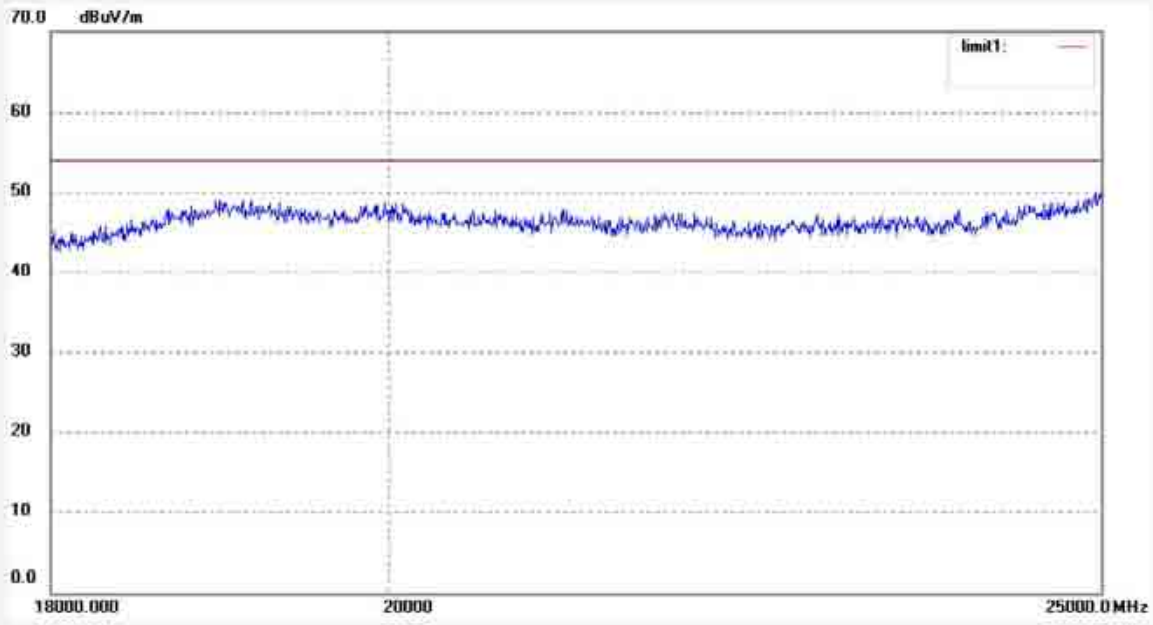


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5917	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:56:43
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 1 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

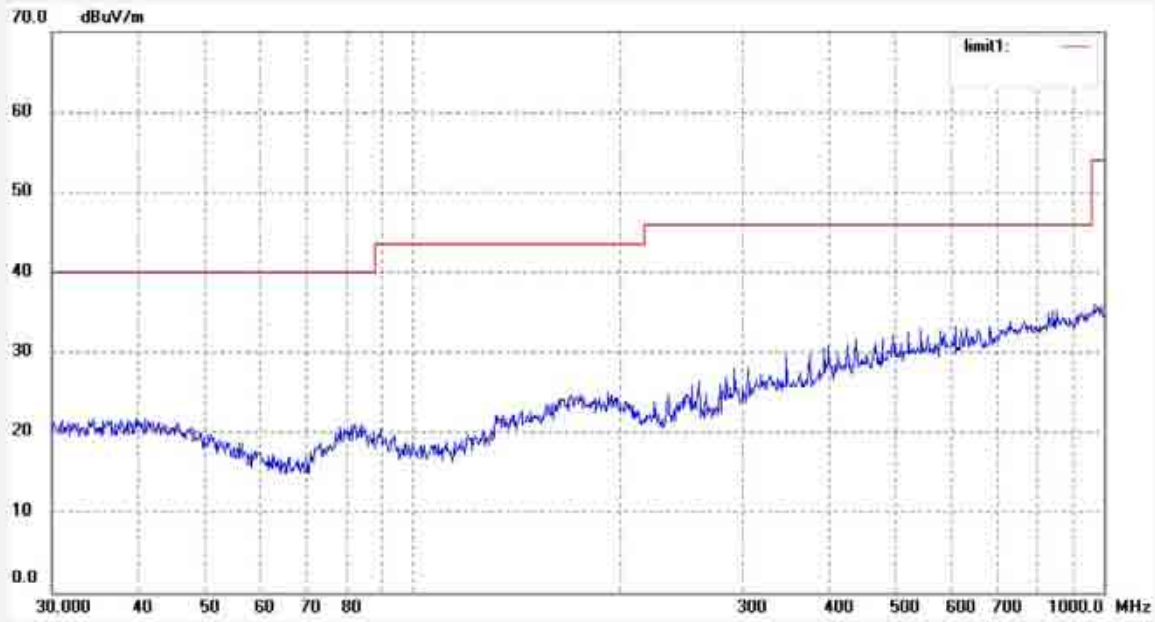


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5883	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 16:14:58
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

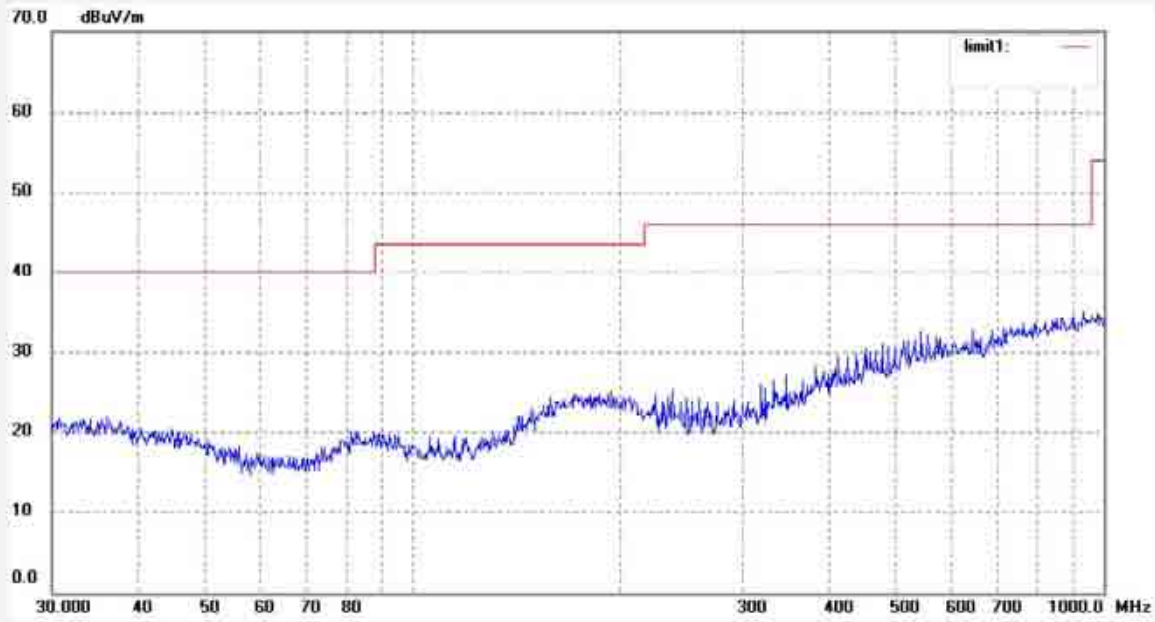


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5882	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 16:10:50
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



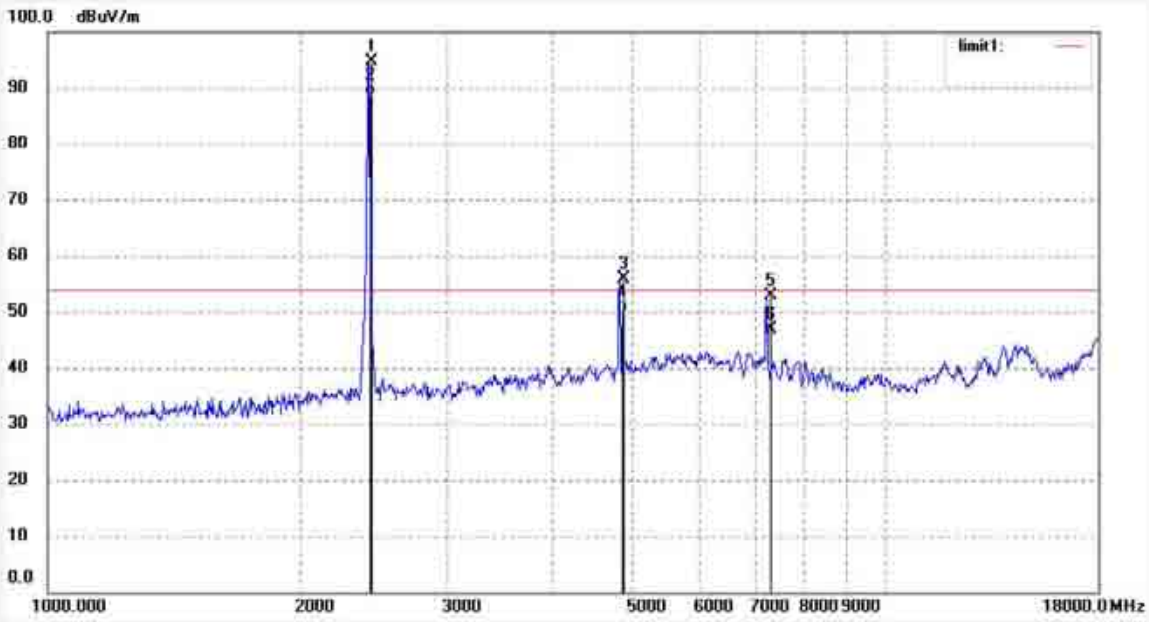
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5900
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 6 (802.11n)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Horizontal
Power Source: DC 5V
Date: 2010/11/03
Time: 10:24:18
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.035	101.95	-7.36	94.59	-	-	peak			
2	2437.035	96.02	-7.36	88.66	-	-	AVG			
3	4874.055	55.82	0.09	55.91	74.00	-18.09	peak			
4	4874.055	49.90	0.09	49.99	54.00	-4.01	AVG			
5	7311.080	49.70	3.22	52.92	74.00	-21.08	peak			
6	7311.080	43.78	3.22	47.00	54.00	-7.00	peak			

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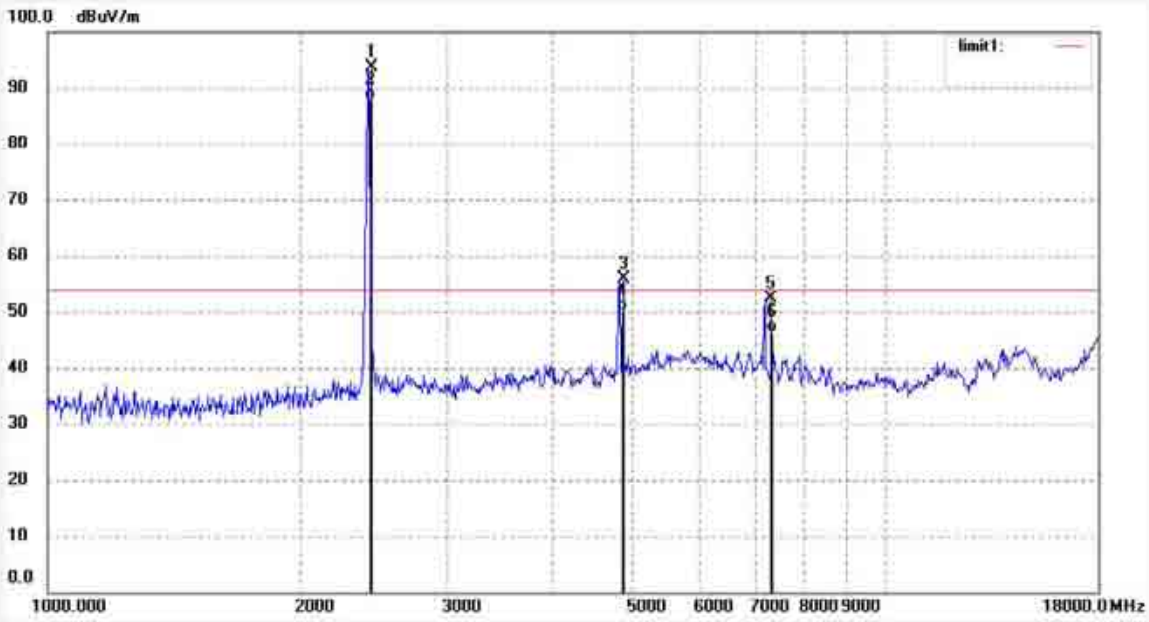
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5901
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 6 (802.11n)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Vertical
Power Source: DC 5V
Date: 2010/11/03
Time: 10:28:46
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255

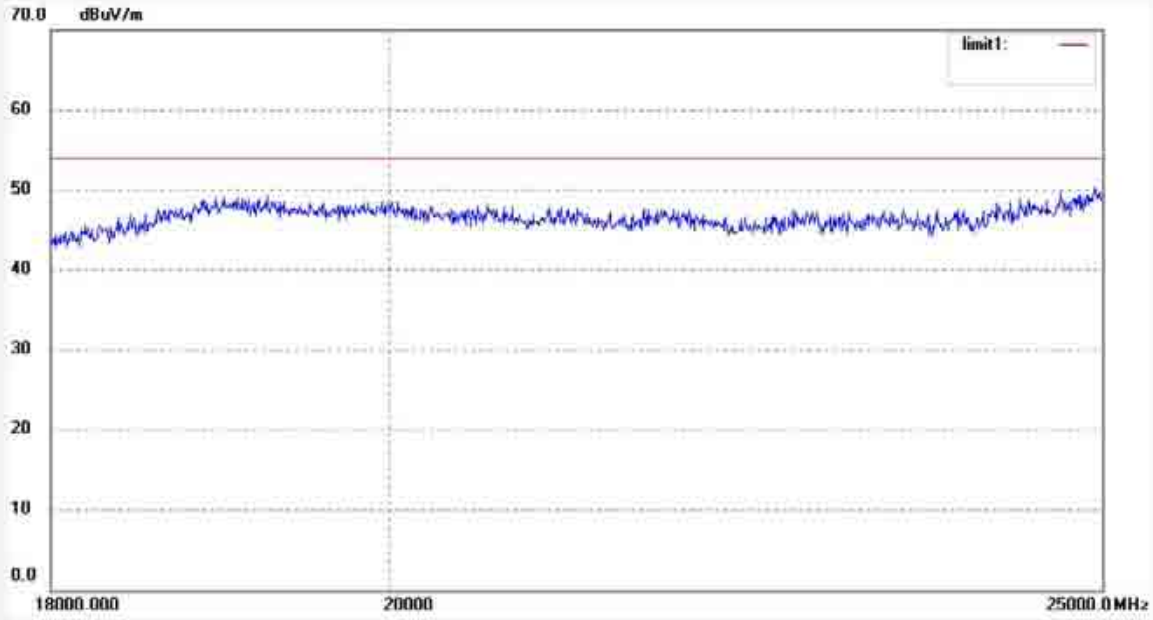


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.035	101.07	-7.36	93.71	-	-	peak			
2	2437.035	95.15	-7.36	87.79	-	-	AVG			
3	4874.055	55.91	0.09	56.00	74.00	-18.00	peak			
4	4874.055	50.00	0.09	50.09	54.00	-3.91	AVG			
5	7311.080	49.14	3.22	52.36	74.00	-21.64	peak			
6	7311.080	43.25	3.22	46.47	54.00	-7.53	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5919	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:05:30
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

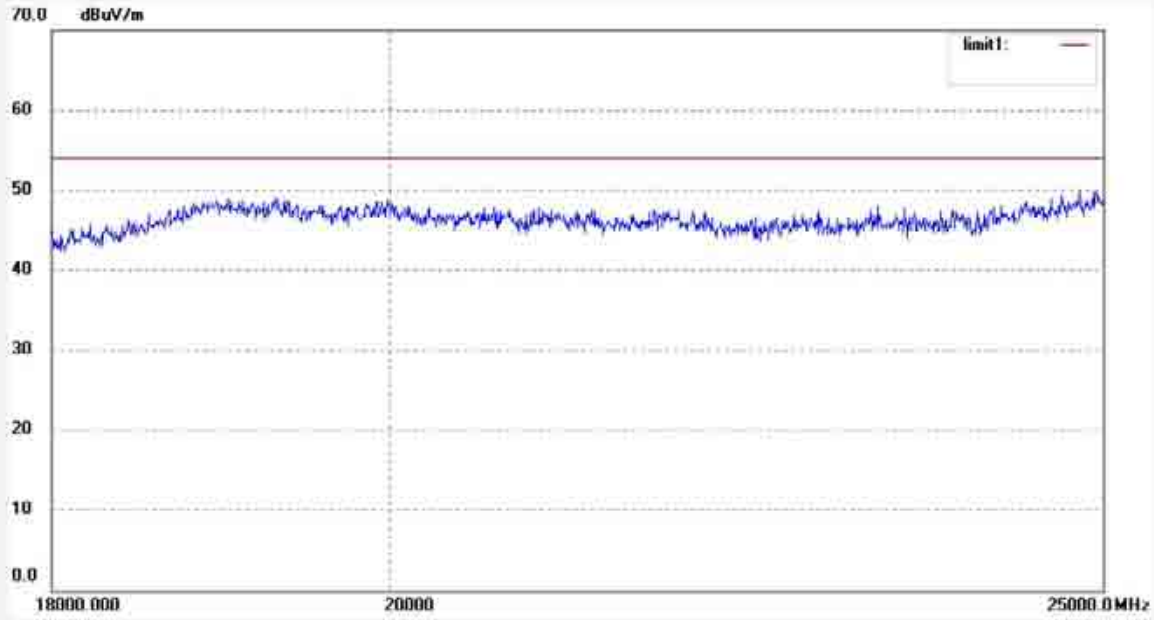


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5918	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:01:19
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 6 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

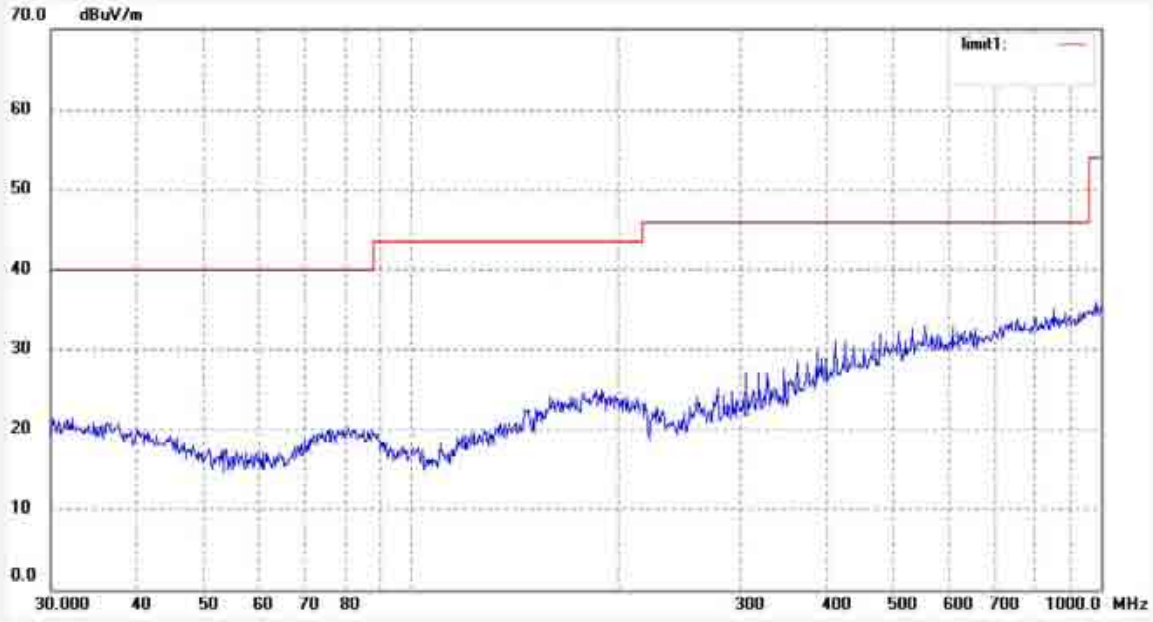


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5884	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 16:20:11
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

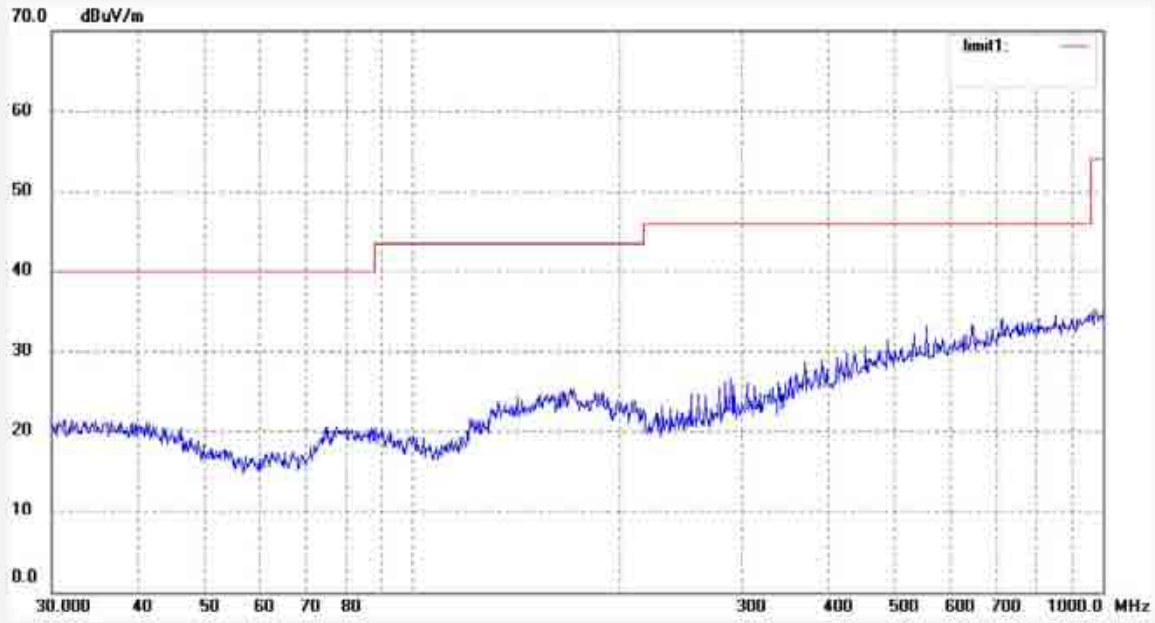


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5885	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/02
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 16:24:23
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255



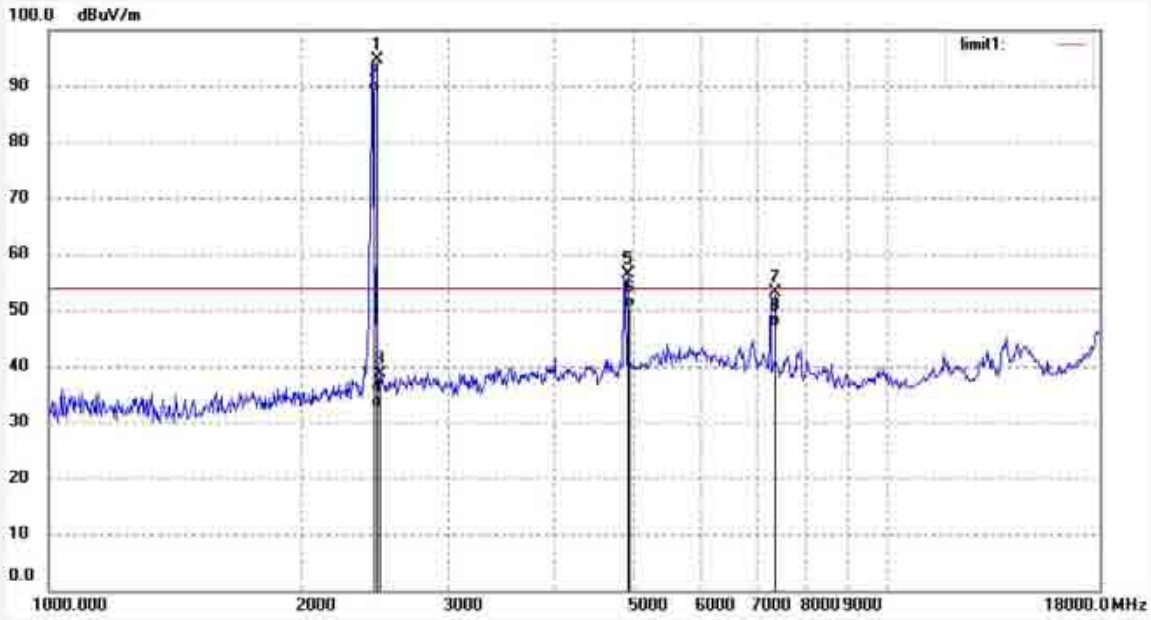
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5903
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 11 (802.11n)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Horizontal
Power Source: DC 5V
Date: 2010/11/03
Time: 10:38:23
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



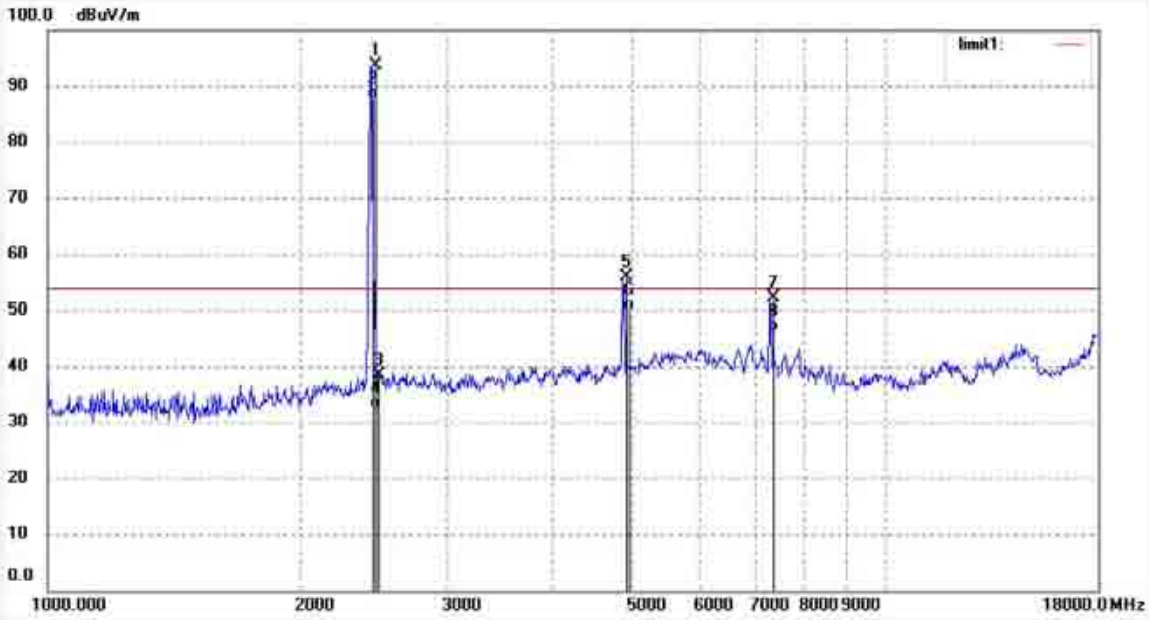
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.034	102.10	-7.35	94.75	-	-	peak			
2	2462.034	96.11	-7.35	88.76	-	-	AVG			
3	2483.500	45.89	-7.37	38.52	74.00	-35.48	peak			
4	2483.500	39.93	-7.37	32.56	54.00	-21.44	AVG			
5	4924.054	56.16	0.34	56.50	74.00	-17.50	peak			
6	4924.054	50.13	0.34	50.47	54.00	-3.53	AVG			
7	7368.079	49.80	3.34	53.14	74.00	-20.86	peak			
8	7368.079	43.83	3.34	47.17	54.00	-6.83	AVG			

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5902
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 50 %
EUT: 150M wireless usb adapter
Mode: TX Channel 11 (802.11n)
Model: WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD

Polarization: Vertical
Power Source: DC 5V
Date: 2010/11/03
Time: 10:33:57
Engineer Signature: Joe
Distance: 3m

Note: Sample No.:102541 Report No.:ATE20102255



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.034	100.96	-7.35	93.61	-	-	peak			
2	2462.034	95.03	-7.35	87.68	-	-	AVG			
3	2483.500	45.72	-7.37	38.35	74.00	-35.65	peak			
4	2483.500	39.81	-7.37	32.44	54.00	-21.56	AVG			
5	4924.054	55.42	0.34	55.76	74.00	-18.24	peak			
6	4924.054	49.53	0.34	49.87	54.00	-4.13	AVG			
7	7386.079	48.69	3.39	52.08	74.00	-21.92	peak			
8	7386.079	42.77	3.39	46.16	54.00	-7.84	AVG			

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F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
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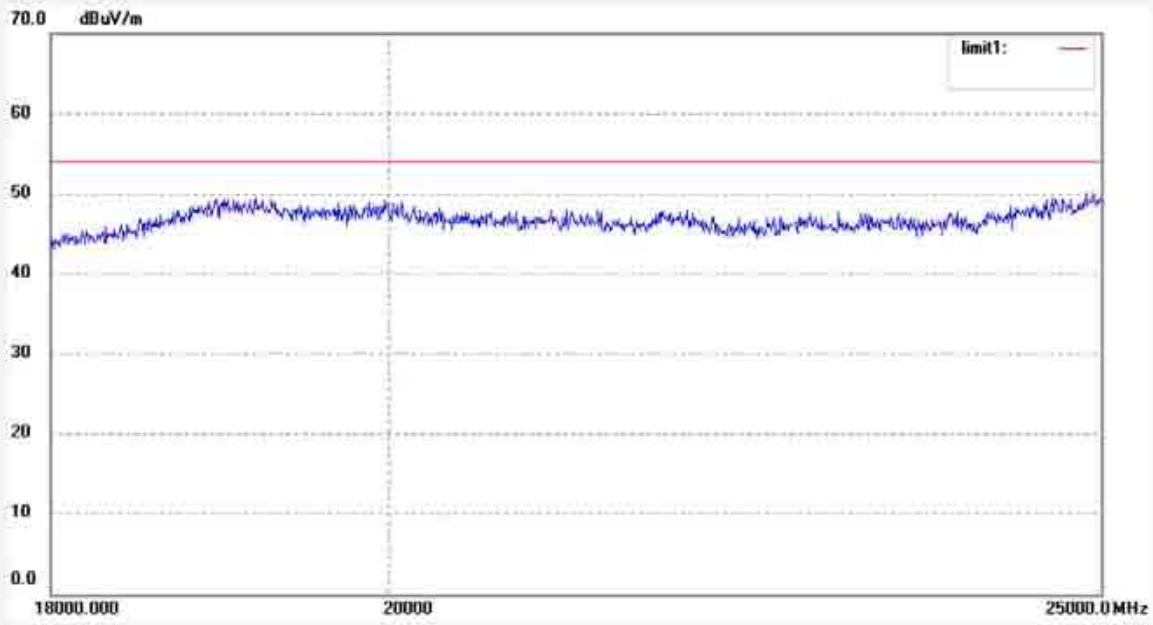
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5920	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:10:41
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

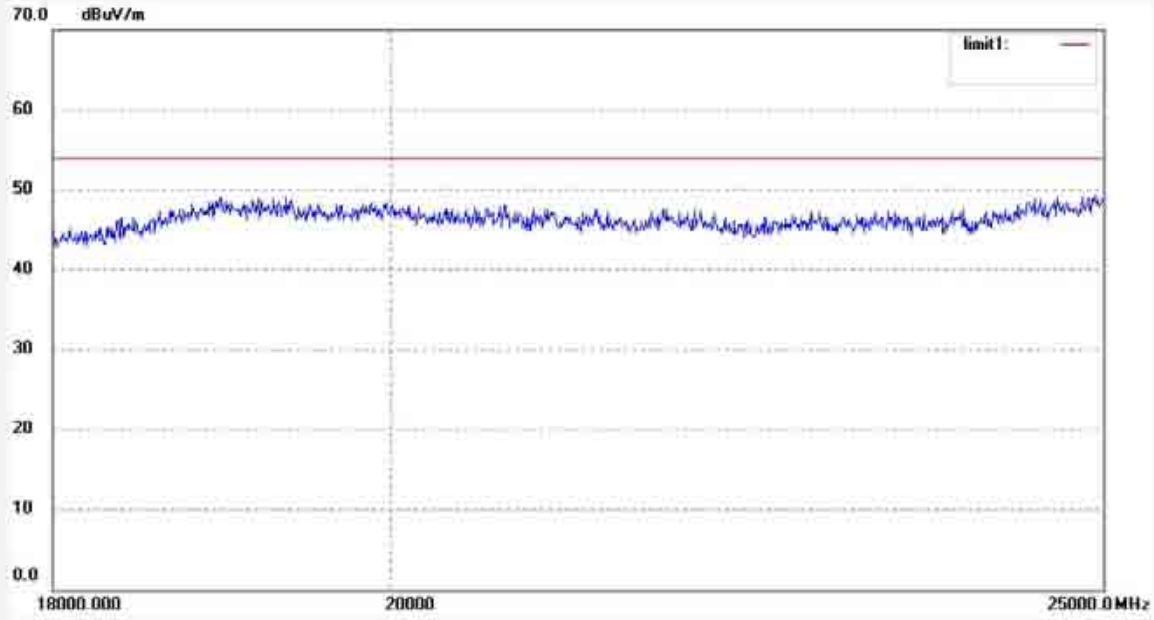


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

ACCURATE TECHNOLOGY CO., LTD.
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: RTTE #5921	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 5V
Test item: Radiation Test	Date: 2010/11/03
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:15:08
EUT: 150M wireless usb adapter	Engineer Signature: Joe
Mode: TX Channel 11 (802.11n)	Distance: 3m
Model: WU106A	
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONICS CO.,LTD	

Note: Sample No.:102541 Report No.:ATE20102255

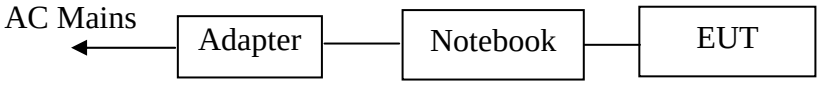


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

10. AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

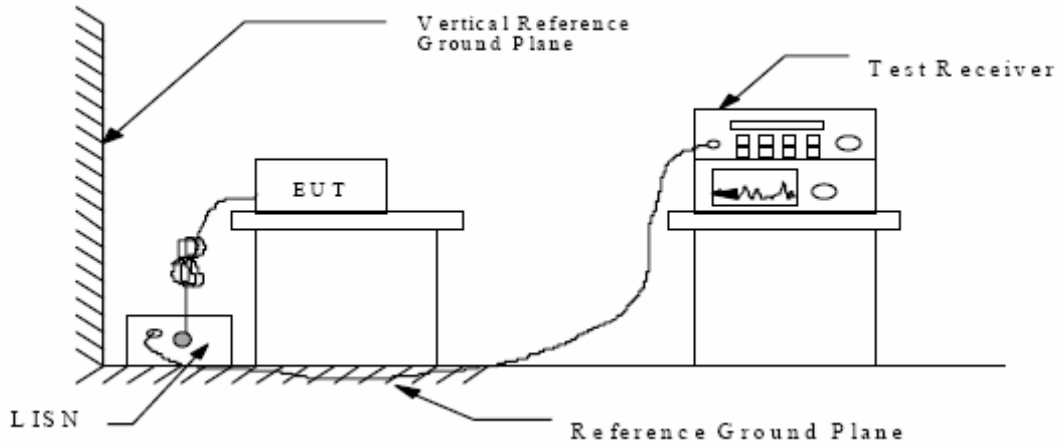
10.1. Block Diagram of Test Setup

10.1.1. Block diagram of connection between the EUT and simulators



(EUT: 150M wireless usb adapter)

10.1.2. Shielding Room Test Setup Diagram



(EUT: 150M wireless usb adapter)

10.2. The Emission Limit

10.2.1. Conducted Emission Measurement Limits According to Section 15.207(a)

Frequency (MHz)	Limit dB(μV)	
	Quasi-peak Level	Average Level
0.15 - 0.50	66.0 – 56.0 *	56.0 – 46.0 *
0.50 - 5.00	56.0	46.0
5.00 - 30.00	60.0	50.0

* Decreases with the logarithm of the frequency.

10.3.Configuration of EUT on Measurement

The following equipment are installed on the Conducted Emission Measurement to meet the commission requirements and operating regulations in a manner which tends to maximize its emission characteristics in normal application.

10.3.1.150M wireless usb adapter (EUT)

Model Number	**:**	WU106A
Serial Number	**:**	N/A
Manufacturer	**:**	HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD

10.4.Operating Condition of EUT

10.4.1.Setup the EUT and simulator as shown as Section 11.1.

10.4.2.Turn on the power of all equipment.

10.4.3.Let the EUT work in TX (802.11b Channel Middle, 802.11g Channel Middle, 802.11n Channel Middle) mode measure it.

10.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2003 on Conducted Emission Measurement.

The bandwidth of test receiver (R & S ESCS30) is set at 9kHz.

The frequency range from 150kHz to 30MHz is checked.

10.6.Power Line Conducted Emission Measurement Results

PASS.

The frequency range from 150kHz to 30MHz is checked.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11b Channel Middle	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.198359	52.70	63.7	-11.0	QP	Neutral
0.298051	46.00	60.3	-14.3	QP	
1.593857	34.80	56.0	-21.2	QP	
0.198359	40.10	53.7	-13.6	AV	
0.596975	32.80	46.0	-13.2	AV	
1.593857	29.30	46.0	-16.7	AV	
0.198359	51.50	63.7	-12.2	QP	Live
0.298051	44.20	60.3	-16.1	QP	
0.596975	40.20	56.0	-15.8	QP	
0.596975	33.20	46.0	-12.8	AV	
1.593857	30.80	46.0	-15.2	AV	
1.692213	30.40	46.0	-15.6	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11g Channel Middle	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.198359	52.50	63.7	-11.2	QP	Neutral
0.298051	45.70	60.3	-14.6	QP	
0.596975	37.50	56.0	-18.5	QP	
0.198359	39.90	53.7	-13.8	AV	
0.599363	32.90	46.0	-13.1	AV	
1.593857	25.60	46.0	-20.4	AV	
0.199152	50.60	63.6	-13.0	QP	Live
0.299243	43.70	60.3	-16.6	QP	
0.599363	40.20	56.0	-15.8	QP	
0.599363	33.30	46.0	-12.7	AV	
1.600232	31.00	46.0	-15.0	AV	
1.698981	30.70	46.0	-15.3	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

Date of Test:	November 4, 2010	Temperature:	25°C
EUT:	150M wireless usb adapter	Humidity:	50%
Model No.:	WU106A	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11n Channel Middle	Test Engineer:	Joe

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.199152	52.20	63.6	-11.4	QP	Neutral
0.299243	45.70	60.3	-14.6	QP	
1.600232	35.20	56.0	-20.8	QP	
0.200748	39.50	53.6	-14.1	AV	
0.599363	33.00	56.0	-13.0	AV	
1.600232	29.70	56.0	-16.3	AV	
0.199152	50.40	63.6	-13.2	QP	Live
0.299243	43.50	60.3	-16.8	QP	
0.599363	40.10	56.0	-15.9	QP	
0.599363	33.40	46.0	-12.6	AV	
1.600232	31.20	46.0	-14.8	AV	
16.208260	36.00	50.0	-14.0	AV	

Emissions attenuated more than 20 dB below the permissible value are not reported.
The spectral diagrams are attached as below.

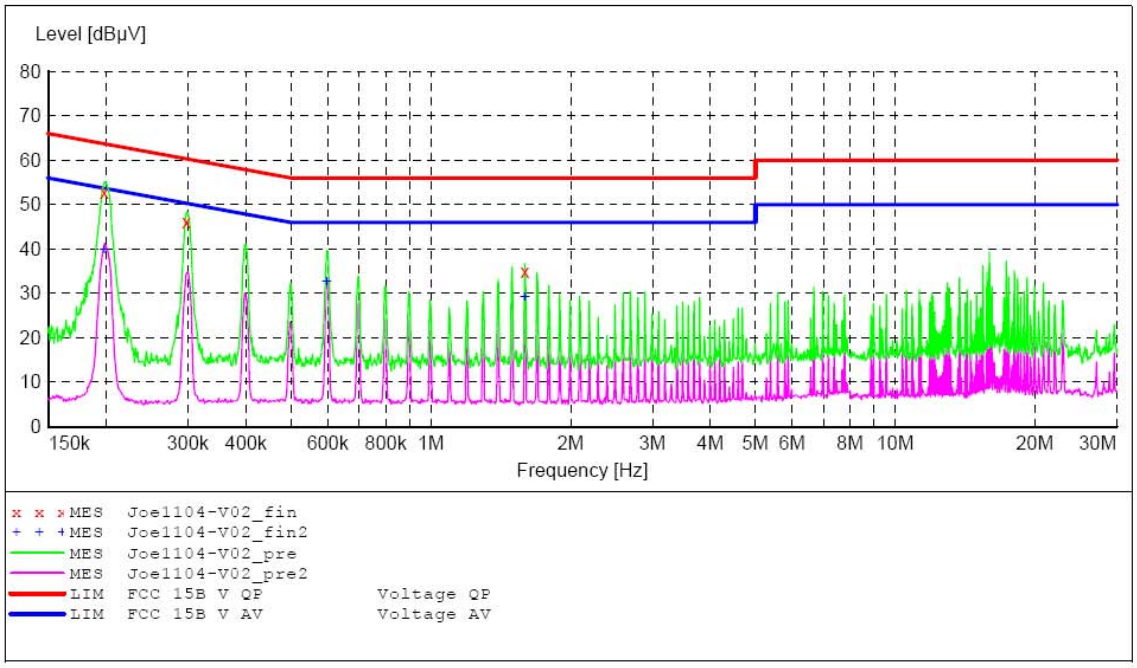
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  150M wireless usb adapter  M/N:WU106A
Manufacturer:         HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Operating Condition:  TX Channel 6 (802.11b)
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   N 120V/60Hz
Comment:              Sample No.:102541   Report No.:ATE20102255
Start of Test:        11/4/2010 / 9:37:37AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:            _SUB_STD_VTERM2 1.70
  Start      Stop       Step       Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width                Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %      QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                   Average
```



MEASUREMENT RESULT: "Joe1104-V02_fin"

11/4/2010 9:40AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	52.70	11.2	64	11.0	QP	N	GND
0.298051	46.00	11.6	60	14.3	QP	N	GND
1.593857	34.80	11.7	56	21.2	QP	N	GND

MEASUREMENT RESULT: "Joe1104-V02_fin2"

11/4/2010 9:40AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	40.10	11.2	54	13.6	AV	N	GND
0.596975	32.80	12.0	46	13.2	AV	N	GND
1.593857	29.30	11.7	46	16.7	AV	N	GND

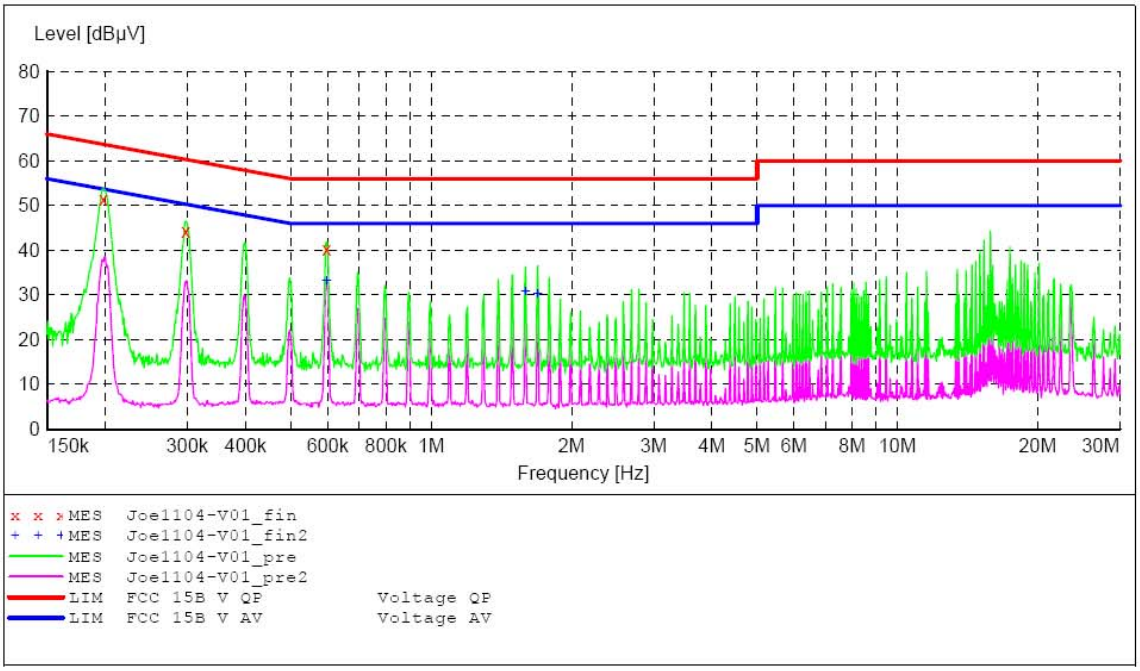
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  150M wireless usb adapter  M/N:WU106A
Manufacturer:         HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Operating Condition:  TX Channel 6 (802.11b)
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   L 120V/60Hz
Comment:              Sample No.:102541   Report No.:ATE20102255
Start of Test:        11/4/2010 / 9:33:56AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:            _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe1104-V01_fin"

11/4/2010 9:36AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.198359	51.50	11.2	64	12.2	QP	L1	GND
0.298051	44.20	11.6	60	16.1	QP	L1	GND
0.596975	40.20	12.0	56	15.8	QP	L1	GND

MEASUREMENT RESULT: "Joe1104-V01_fin2"

11/4/2010 9:36AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.596975	33.20	12.0	46	12.8	AV	L1	GND
1.593857	30.80	11.7	46	15.2	AV	L1	GND
1.692213	30.40	11.7	46	15.6	AV	L1	GND

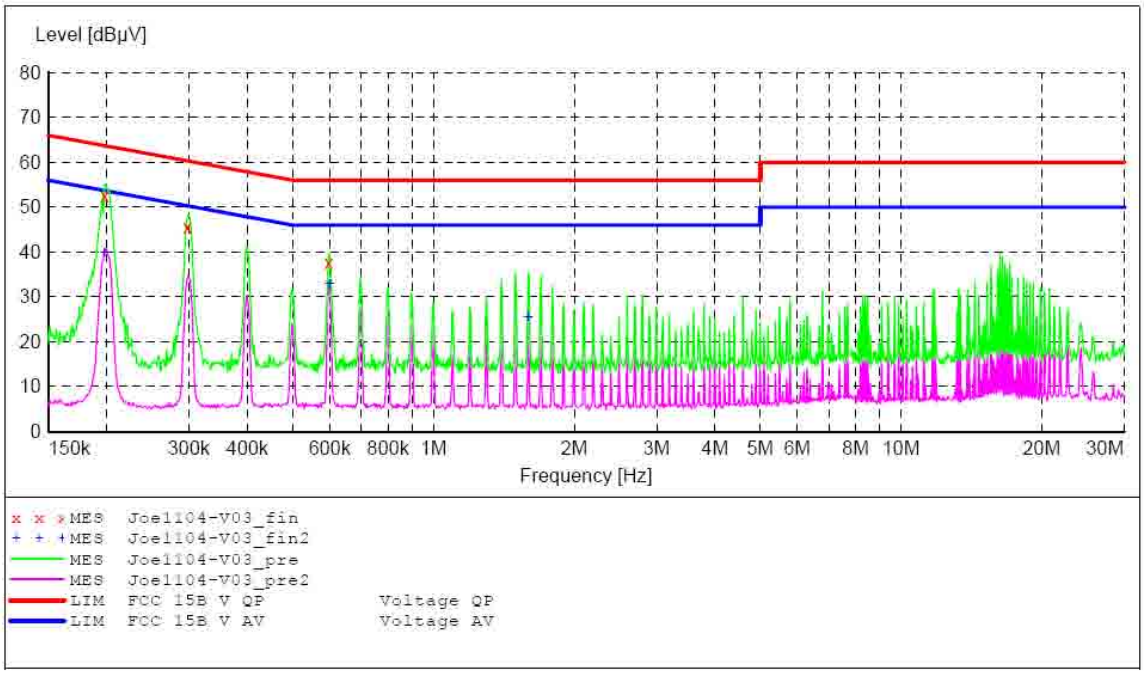
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  150M wireless usb adapter  M/N:WU106A
Manufacturer:         HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Operating Condition:  TX Channel 6 (802.11g)
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   N 120V/60Hz
Comment:              Sample No.:102541   Report No.:ATE20102255
Start of Test:        11/4/2010 / 9:40:43AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe1104-V03_fin"

```
11/4/2010  9:43AM
   Frequency     Level  Transd  Limit  Margin  Detector  Line   PE
         MHz     dBµV      dB   dBµV      dB

    0.198359     52.50   11.2     64    11.2  QP        N      GND
    0.298051     45.70   11.6     60    14.6  QP        N      GND
    0.596975     37.50   12.0     56    18.5  QP        N      GND
```

MEASUREMENT RESULT: "Joe1104-V03_fin2"

```
11/4/2010  9:43AM
   Frequency     Level  Transd  Limit  Margin  Detector  Line   PE
         MHz     dBµV      dB   dBµV      dB

    0.198359     39.90   11.2     54    13.8  AV        N      GND
    0.599363     32.90   12.0     46    13.1  AV        N      GND
    1.593857     25.60   11.7     46    20.4  AV        N      GND
```

ACCURATE TECHNOLOGY CO.,LTD

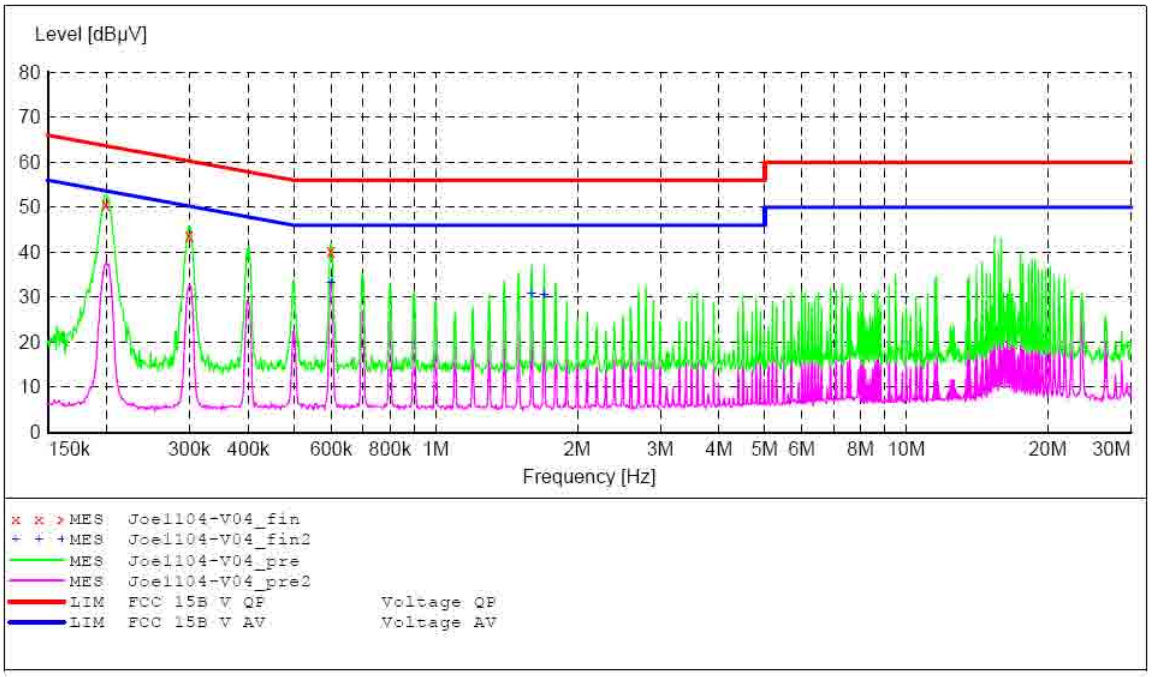
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: 150M wireless usb adapter M/N:WU106A
Manufacturer: HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Operating Condition: TX Channel 6 (802.11g)
Test Site: 1#Shielding Room
Operator: Joe
Test Specification: L 120V/60Hz
Comment: Sample No.:102541 Report No.:ATE20102255
Start of Test: 11/4/2010 / 9:44:13AM

SCAN TABLE: "V 150K-30MHz fin"

Short Description: _SUB_STD_VTERM2 1.70

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	30.0 MHz	0.8 %	QuasiPeak Average	1.0 s	9 kHz	NSLK8126 2008



MEASUREMENT RESULT: "Joe1104-V04_fin"

11/4/2010 9:46AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199152	50.60	11.2	64	13.0	QP	L1	GND
0.299243	43.70	11.6	60	16.6	QP	L1	GND
0.599363	40.20	12.0	56	15.8	QP	L1	GND

MEASUREMENT RESULT: "Joe1104-V04_fin2"

11/4/2010 9:46AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.599363	33.30	12.0	46	12.7	AV	L1	GND
1.600232	31.00	11.7	46	15.0	AV	L1	GND
1.698981	30.70	11.7	46	15.3	AV	L1	GND

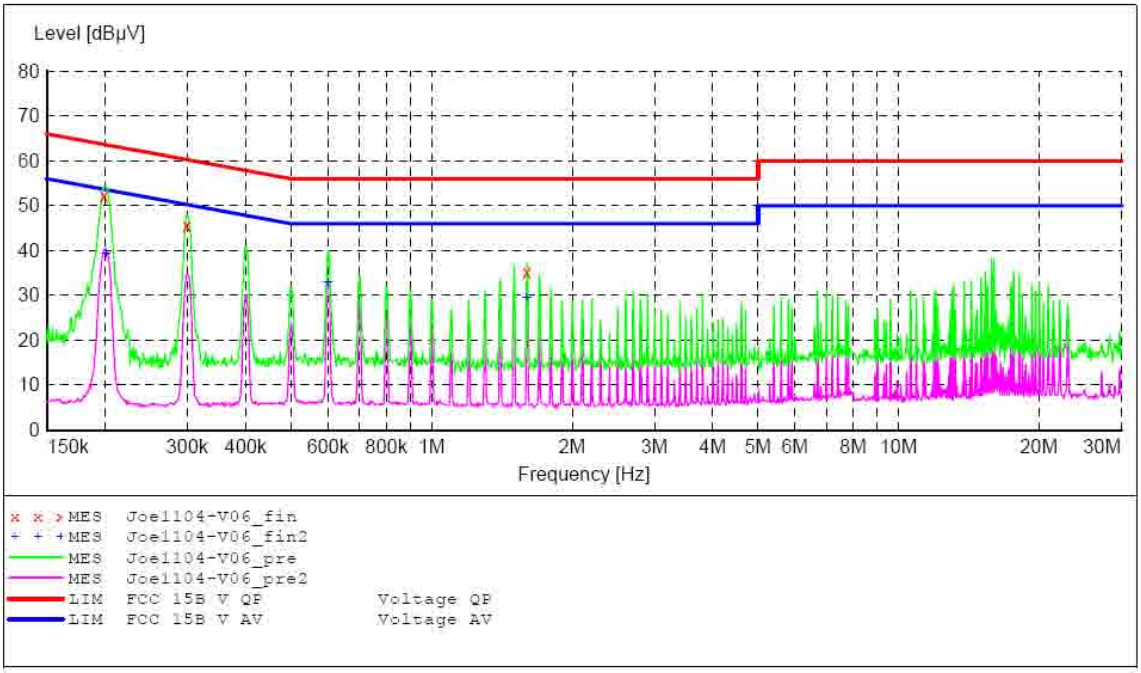
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                    150M wireless usb adapter  M/N:WU106A
Manufacturer:           HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Operating Condition:    TX Channel 6 (802.11n)
Test Site:              1#Shielding Room
Operator:               Joe
Test Specification:     N 120V/60Hz
Comment:                Sample No.:102541   Report No.:ATE20102255
Start of Test:          11/4/2010 / 9:50:32AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe1104-V06_fin"

11/4/2010 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199152	52.20	11.2	64	11.4	QP	N	GND
0.299243	45.70	11.6	60	14.6	QP	N	GND
1.600232	35.20	11.7	56	20.8	QP	N	GND

MEASUREMENT RESULT: "Joe1104-V06_fin2"

11/4/2010 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.200748	39.50	11.2	54	14.1	AV	N	GND
0.599363	33.00	12.0	46	13.0	AV	N	GND
1.600232	29.70	11.7	46	16.3	AV	N	GND

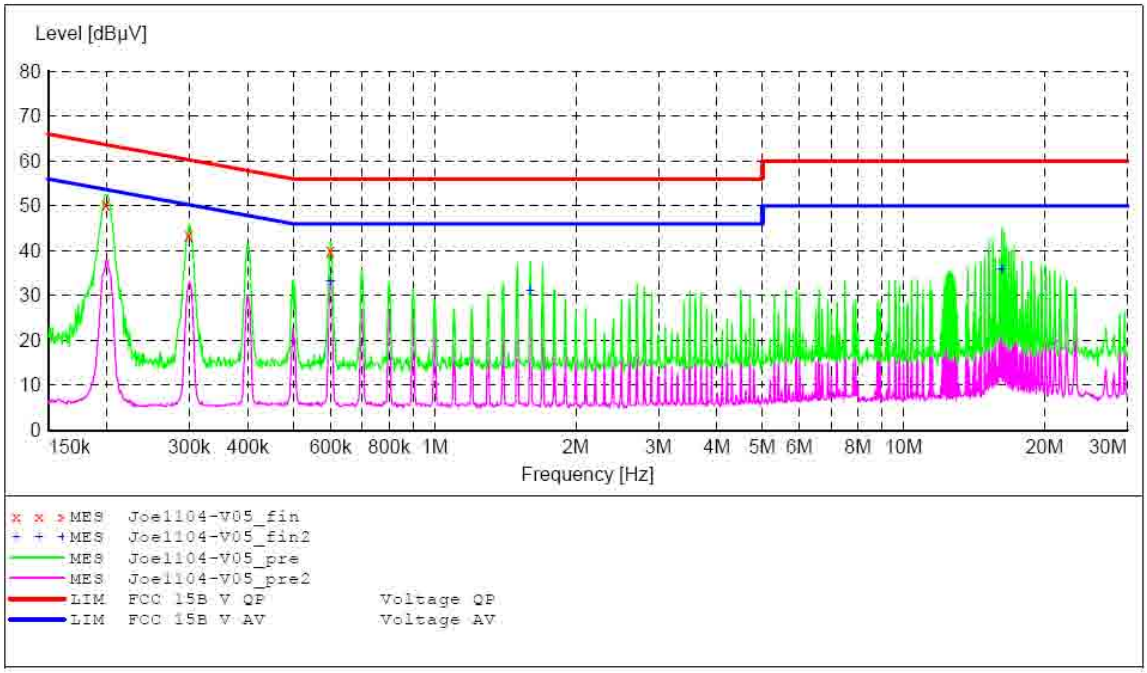
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  150M wireless usb adapter  M/N:WU106A
Manufacturer:         HAOLIYUAN (SHENZHEN) ELECTRONIC CO., LTD
Operating Condition:  TX Channel 6 (802.11n)
Test Site:            1#Shielding Room
Operator:             Joe
Test Specification:   L 120V/60Hz
Comment:              Sample No.:102541   Report No.:ATE20102255
Start of Test:        11/4/2010 / 9:47:16AM
```

SCAN TABLE: "V 150K-30MHz fin"

```
  Short Description:              _SUB_STD_VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "Joe1104-V05_fin"

11/4/2010 9:49AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199152	50.40	11.2	64	13.2	QP	L1	GND
0.299243	43.50	11.6	60	16.8	QP	L1	GND
0.599363	40.10	12.0	56	15.9	QP	L1	GND

MEASUREMENT RESULT: "Joe1104-V05_fin2"

11/4/2010 9:49AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.599363	33.40	12.0	46	12.6	AV	L1	GND
1.600232	31.20	11.7	46	14.8	AV	L1	GND
16.208260	36.00	11.2	50	14.0	AV	L1	GND

11. ANTENNA REQUIREMENT

11.1. The Requirement

According to Section 15.203, an intentional radiator shall be designed to ensure that no antenna other than that furnished by the responsible party shall be used with the device.

11.2. Antenna Construction

Device is equipped with unique antenna, which is formed by a copper trace on the PCB. Therefore, the equipment complies with the antenna requirement of Section 15.203.