APPLICATION CERTIFICATION FCC Part 15C
On Behalf of
Shenzhen Sungworld Electronics Co., Ltd.

MID
Model No.: M700XX

FCC ID: WI3-M700XX2

Prepared for	:	Shenzhen Sungworld Electronics Co., Ltd.
Address	:	4#, North District, Shangxue Industrial Park, Bantian, Long Gang District, Shenzhen, 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	:	ATE20120861
Date of Test	:	May 3-18, 2012
Date of Report	:	May 21, 2012

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Description Page

Test Report Certification

Applicant **:** Shenzhen Sungworld Electronics Co., Ltd.

Manufacturer **:** Shenzhen Sungworld Electronics Co., Ltd.

EUT Description **:** MID

(A) MODEL NO.: M700XX

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3.7V (Lithium polymer battery) or AC 120V/50Hz supplied form Adapter

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 : May 3-18, 2012

Prepared by :

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	MID
Model Number	:	M700XX
Frequency Range	:	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	:	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Antenna Gain	:	0dBi
Power Supply	:	DC 3.7V (Lithium polymer battery) or AC 230V/50Hz supplied form Adapter
Adapter	:	Model number: WYT-00502000 Input: AC 100-240V; 50/60Hz 0.3A Max. Output: DC 5V/2000mA
Data Rate	:	802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11n: up to 150Mbps
Applicant	:	Shenzhen Sungworld Electronics Co., Ltd.
Address	:	4#, North District, Shangxue Industrial Park, Bantian, Long Gang District, Shenzhen, China
Manufacturer	:	Shenzhen Sungworld Electronics Co., Ltd.
Address	:	4#, North District, Shangxue Industrial Park, Bantian, Long Gang District, Shenzhen, China
Date of sample received	:	May 3, 2012
Date of Test	:	May 3-18, 2012

1.2.Carrier Frequency of Channels

802.11b, 802.11g, 802.11n (20MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
01	2412	07	2442
02	2417	08	2447
03	2422	09	2452
04	2427	10	2457
05	2432	11	2462
06	2437	---	---

802.11n (40MHz)

Channel	Frequency(MHz)	Channel	Frequency(MHz)
---	---	07	2442
---	---	08	2447
03	2422	09	2452
04	2427	---	---
05	2432	---	---
06	2437	---	---

1.3.Test Procedure

The EUT was tested according to DTS test procedure of March 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

1.4.Special Accessory and Auxiliary Equipment

N/A

1.5.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

1.6.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 dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The mode is used: **1.802.11b Transmitting mode**

Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

2.802.11g Transmitting mode

Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

3.802.11n (20MHz) Transmitting mode

Low Channel: 2412MHz
Middle Channel: 2437MHz
High Channel: 2462MHz

4.802.11n (40MHz) Transmitting mode

Low Channel: 2422MHz
Middle Channel: 2437MHz
High Channel: 2452MHz

5. Charging

3.2.Configuration and peripherals

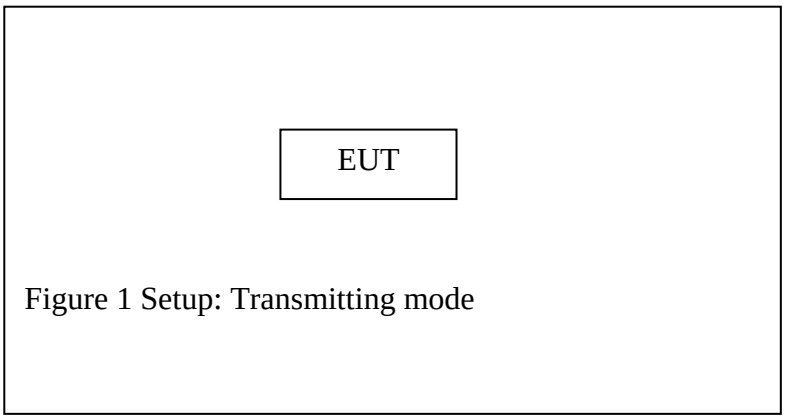


Figure 1 Setup: Transmitting mode

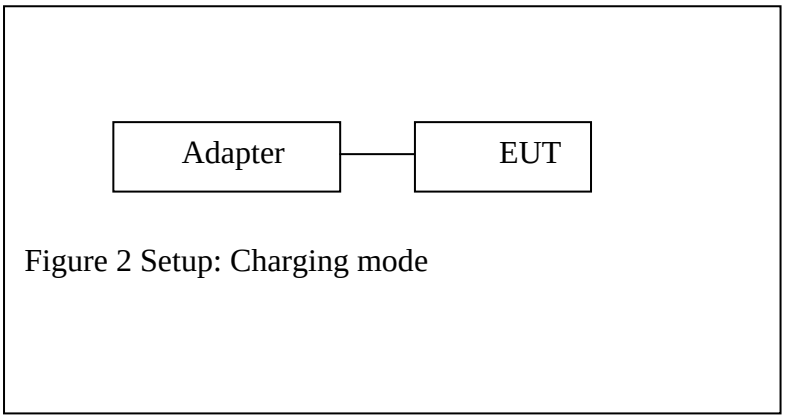


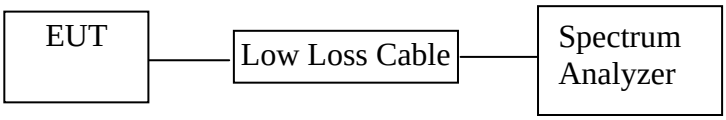
Figure 2 Setup: Charging mode

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 15.247(d)	Conducted 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: MID)

5.2.The Requirement For Section 15.247(a)(2)

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.MID (EUT)

Model Number	:	M700XX
Serial Number	:	N/A
Manufacturer	:	Shenzhen Sungworld Electronics 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 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz 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:	May 9, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	13.04	> 0.5MHz
Middle	2437	13.00	> 0.5MHz
High	2462	13.00	> 0.5MHz

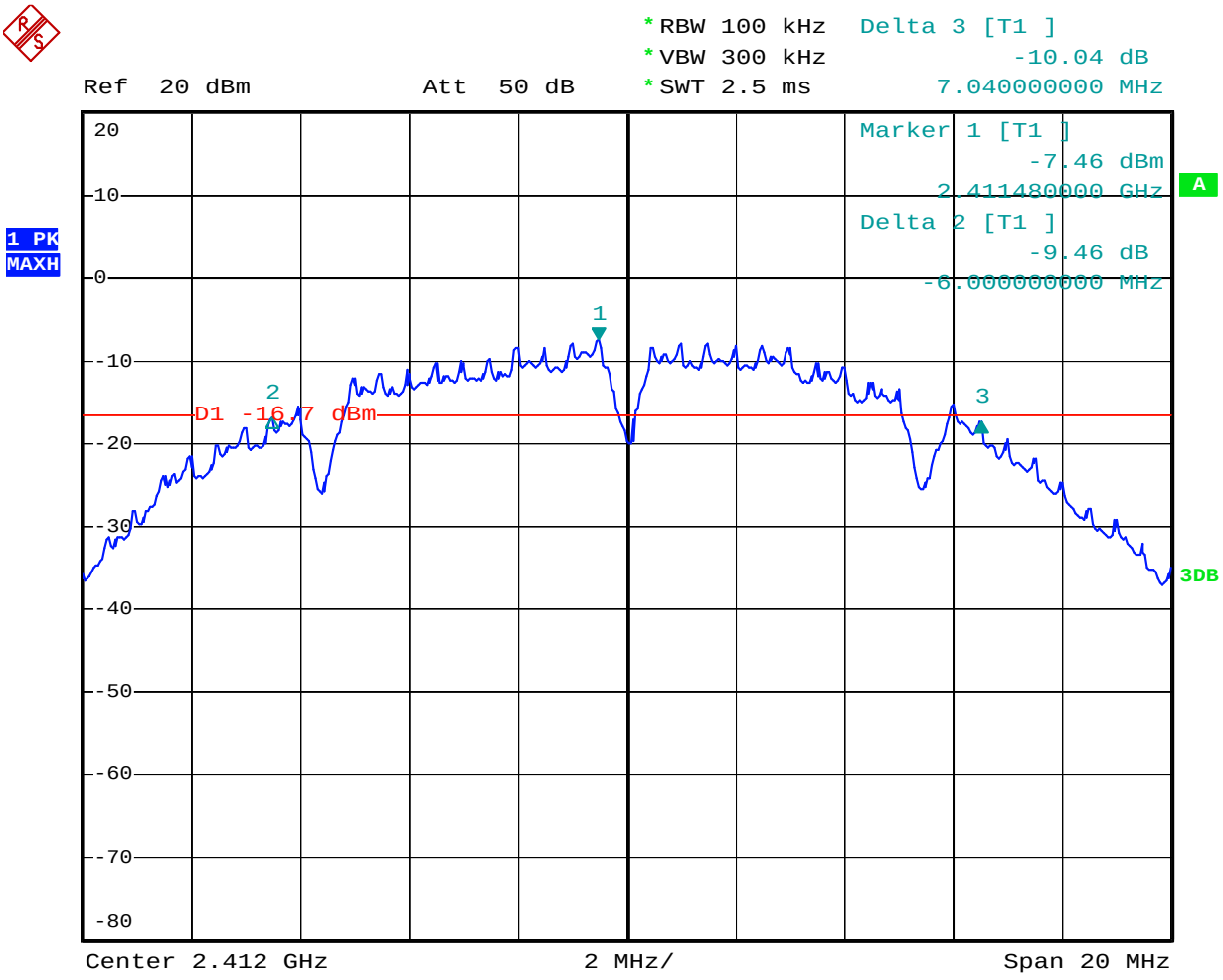
The test was performed with 802.11g			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.64	> 0.5MHz
Middle	2437	16.60	> 0.5MHz
High	2462	16.60	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 20 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	17.92	> 0.5MHz
Middle	2437	17.88	> 0.5MHz
High	2462	17.88	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 40 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2422	36.64	> 0.5MHz
Middle	2437	36.72	> 0.5MHz
High	2452	36.72	> 0.5MHz

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



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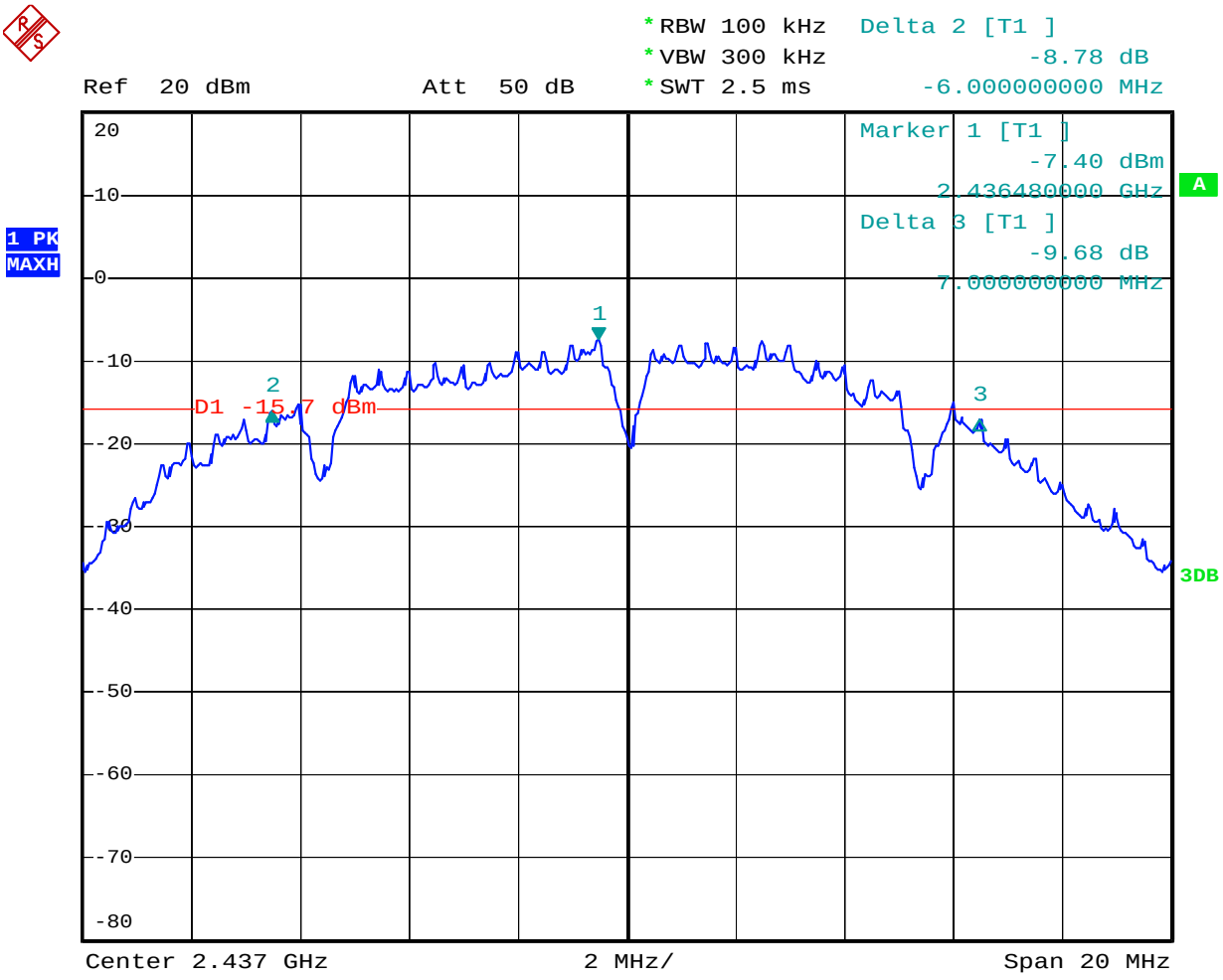
802.11b Channel Middle 2437MHz



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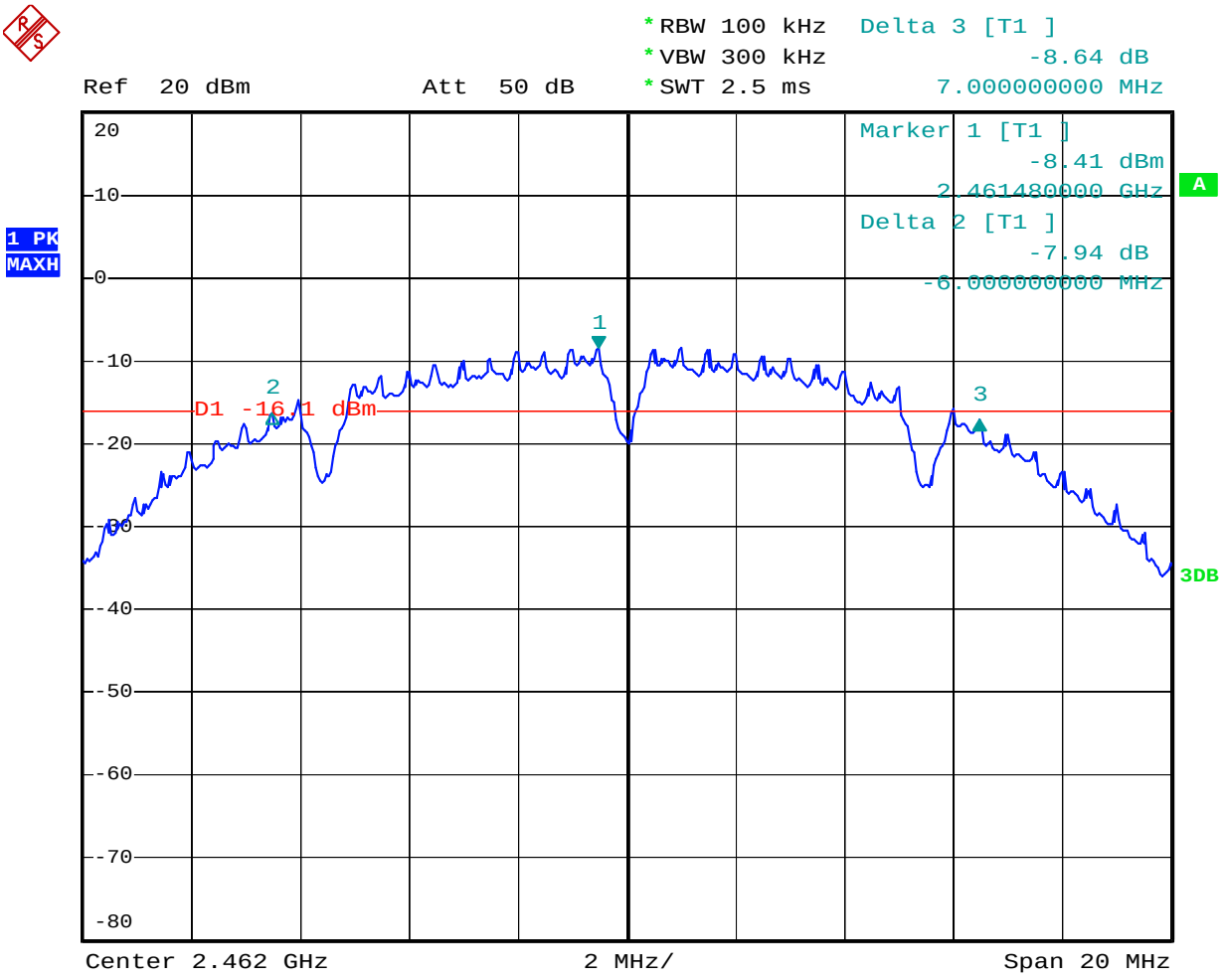
802.11b Channel High 2462MHz



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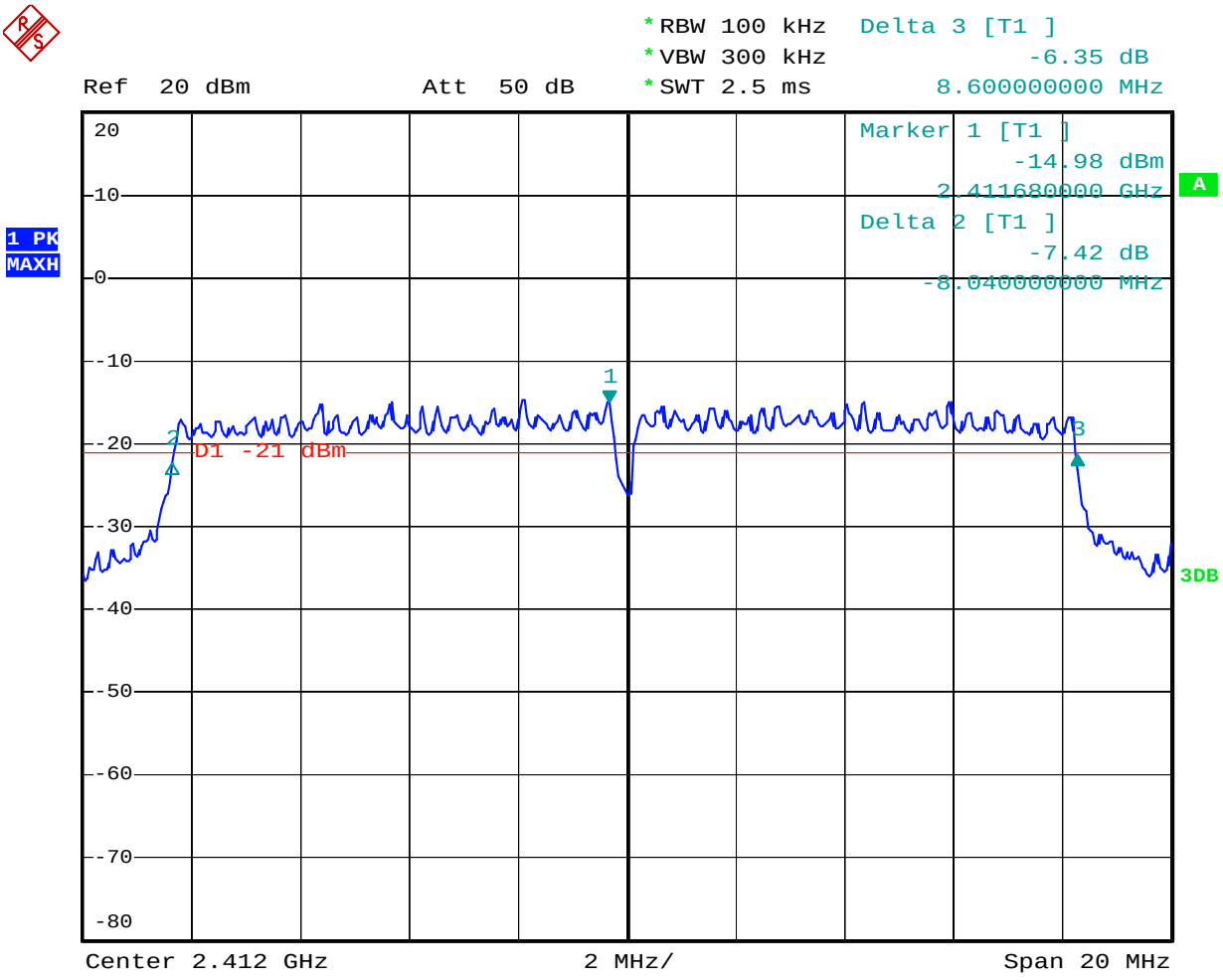
802.11g Channel Low 2412MHz



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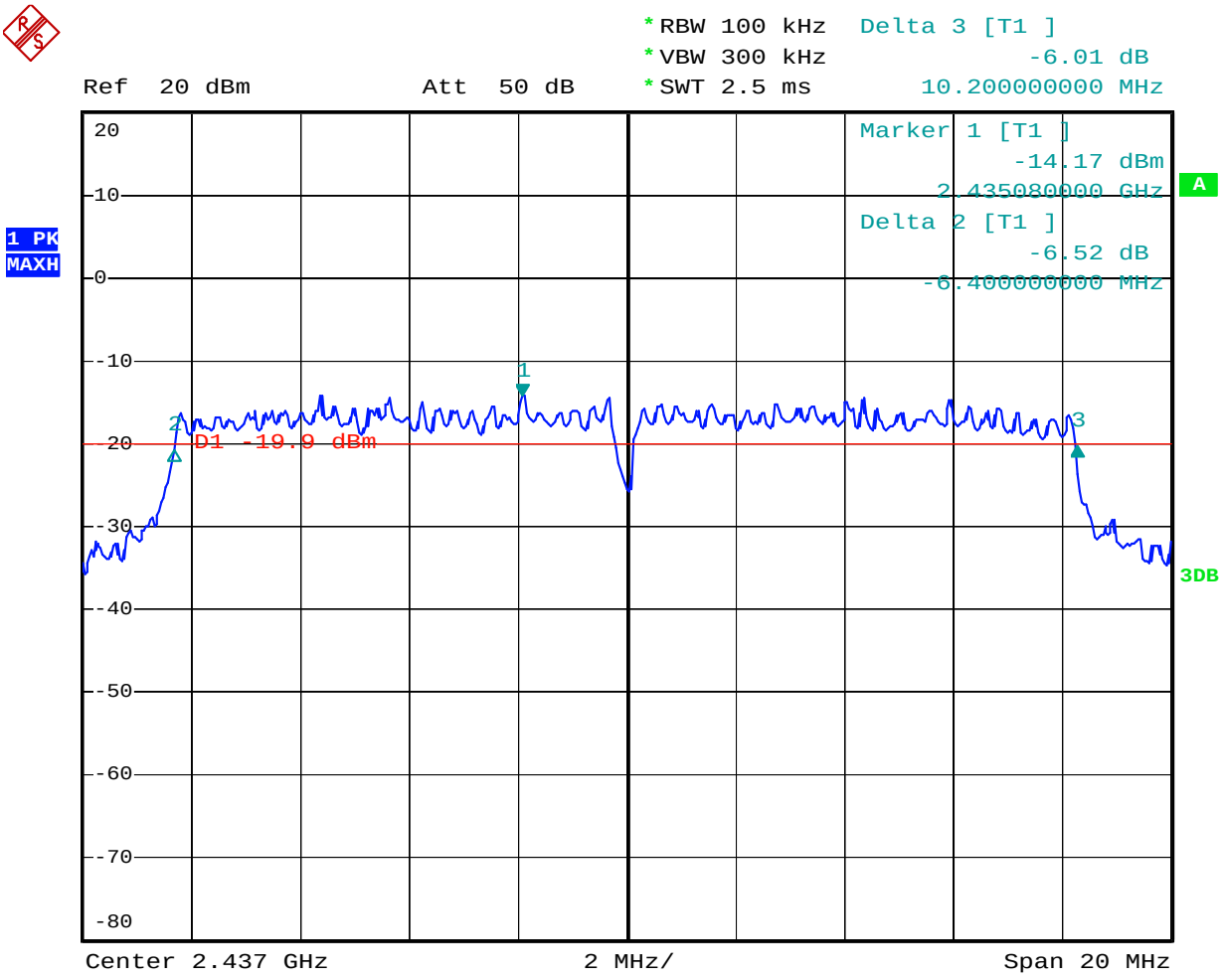
802.11g Channel Middle 2437MHz



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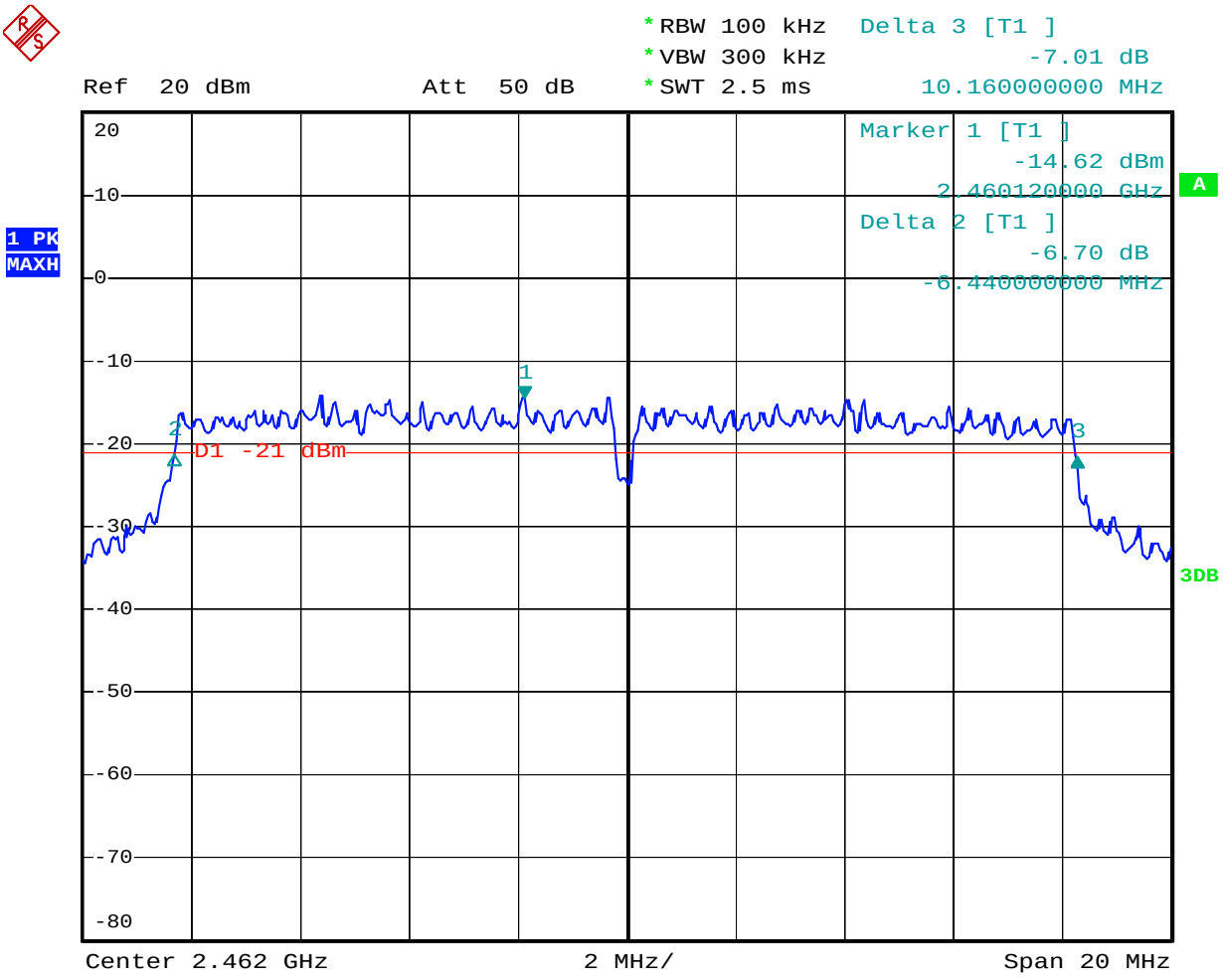
802.11g Channel High 2462MHz



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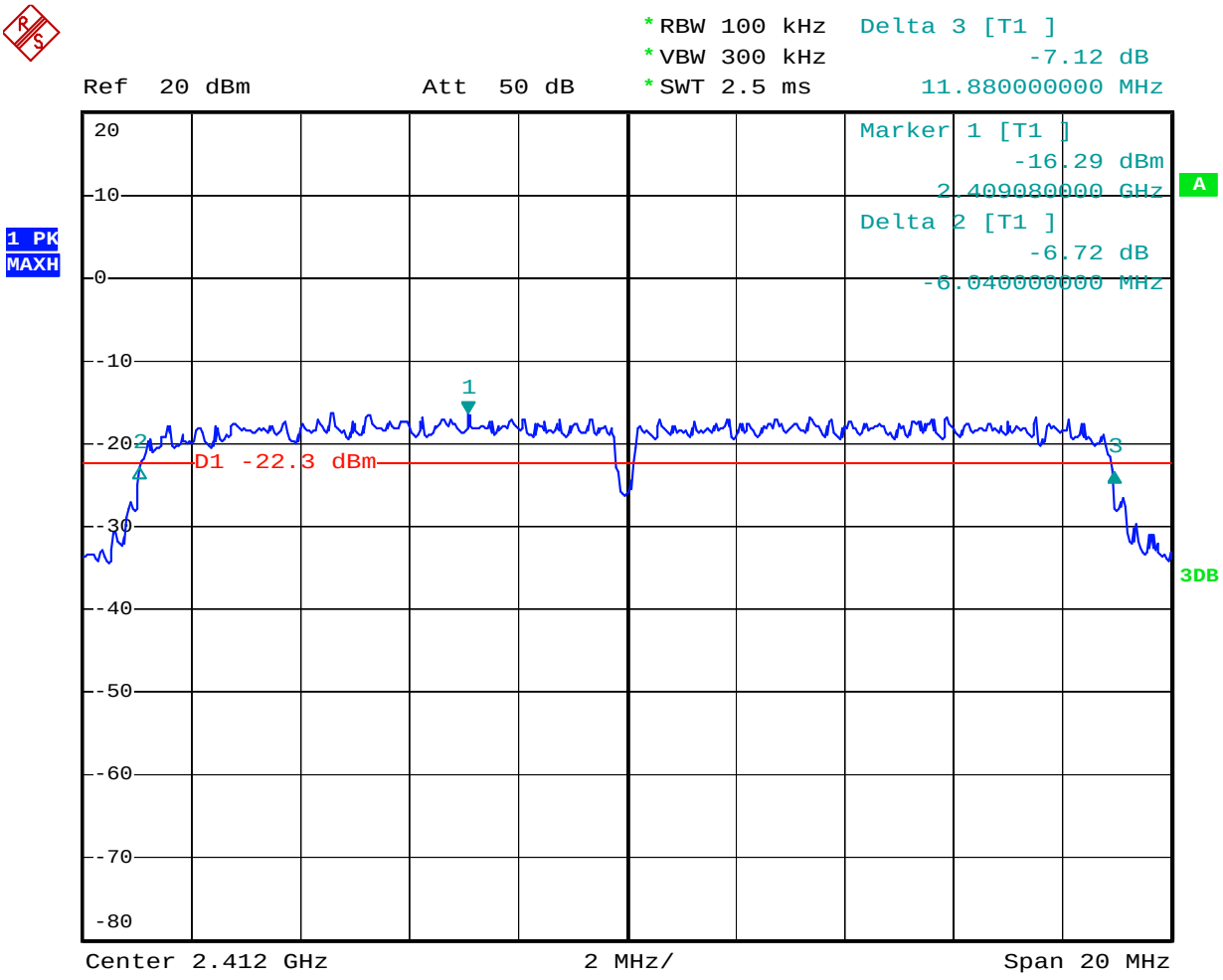
802.11n Channel Low 2412MHz (20MHz)



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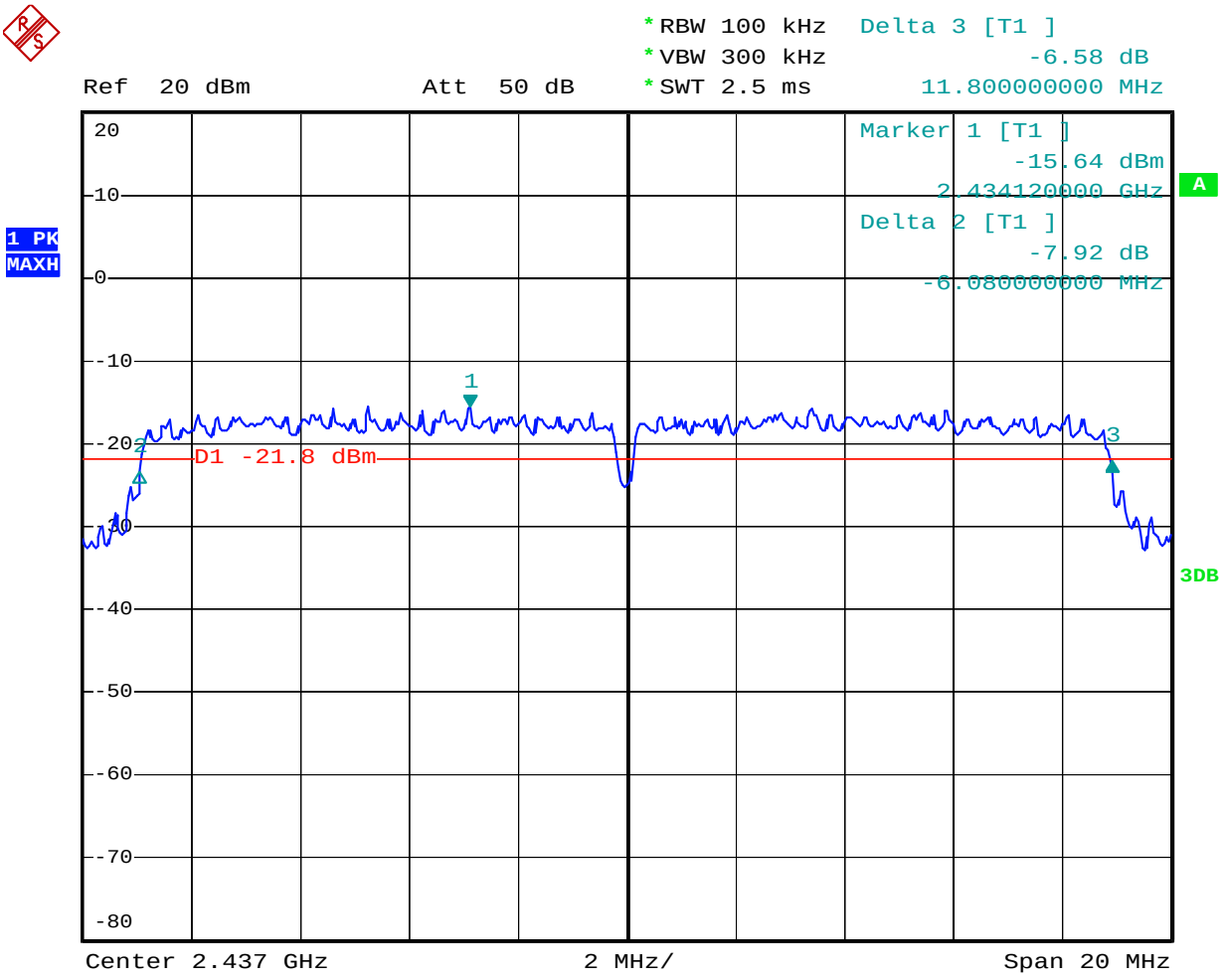
802.11n Channel Middle 2437MHz(20MHz)



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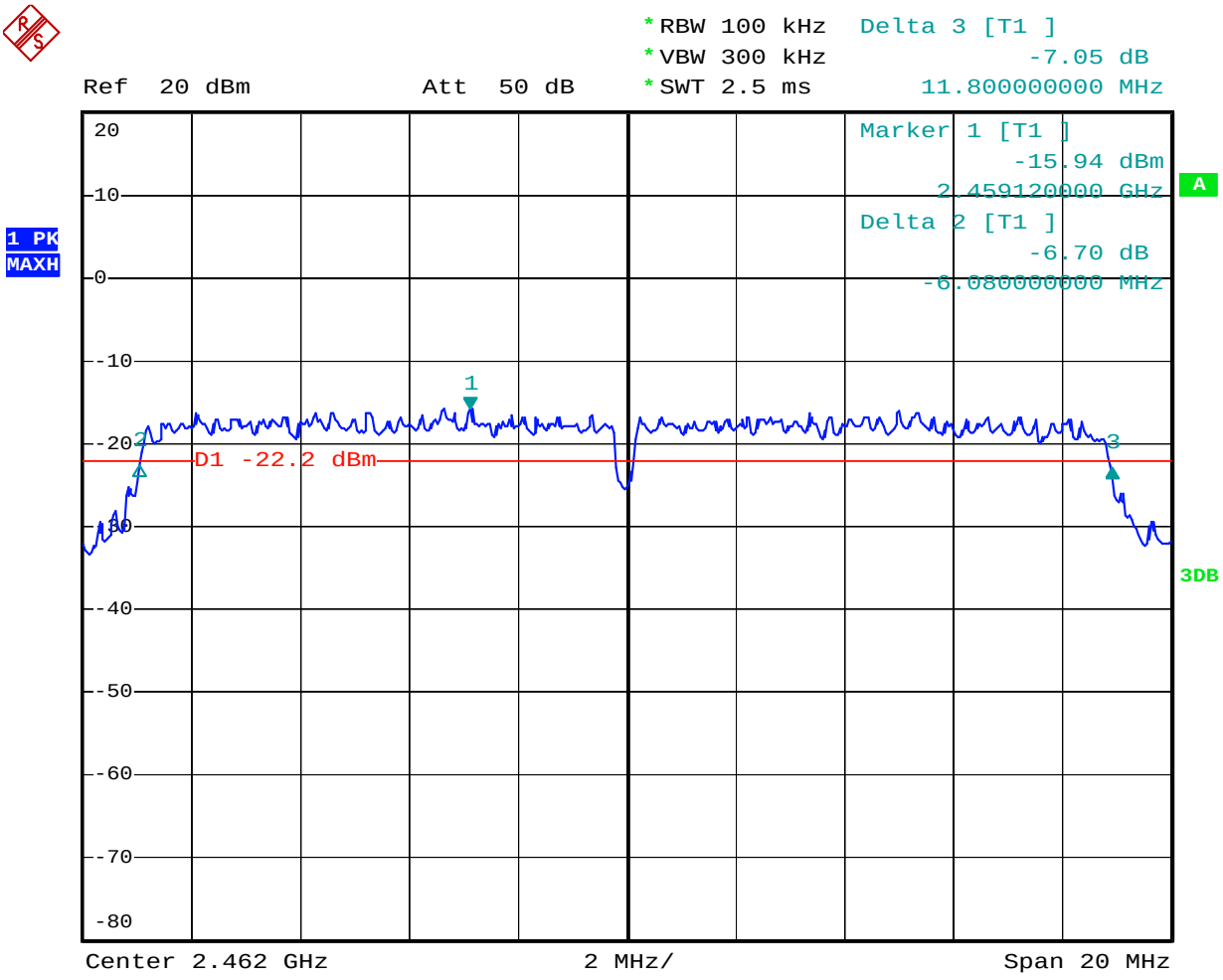
802.11n Channel High 2462MHz(20MHz)



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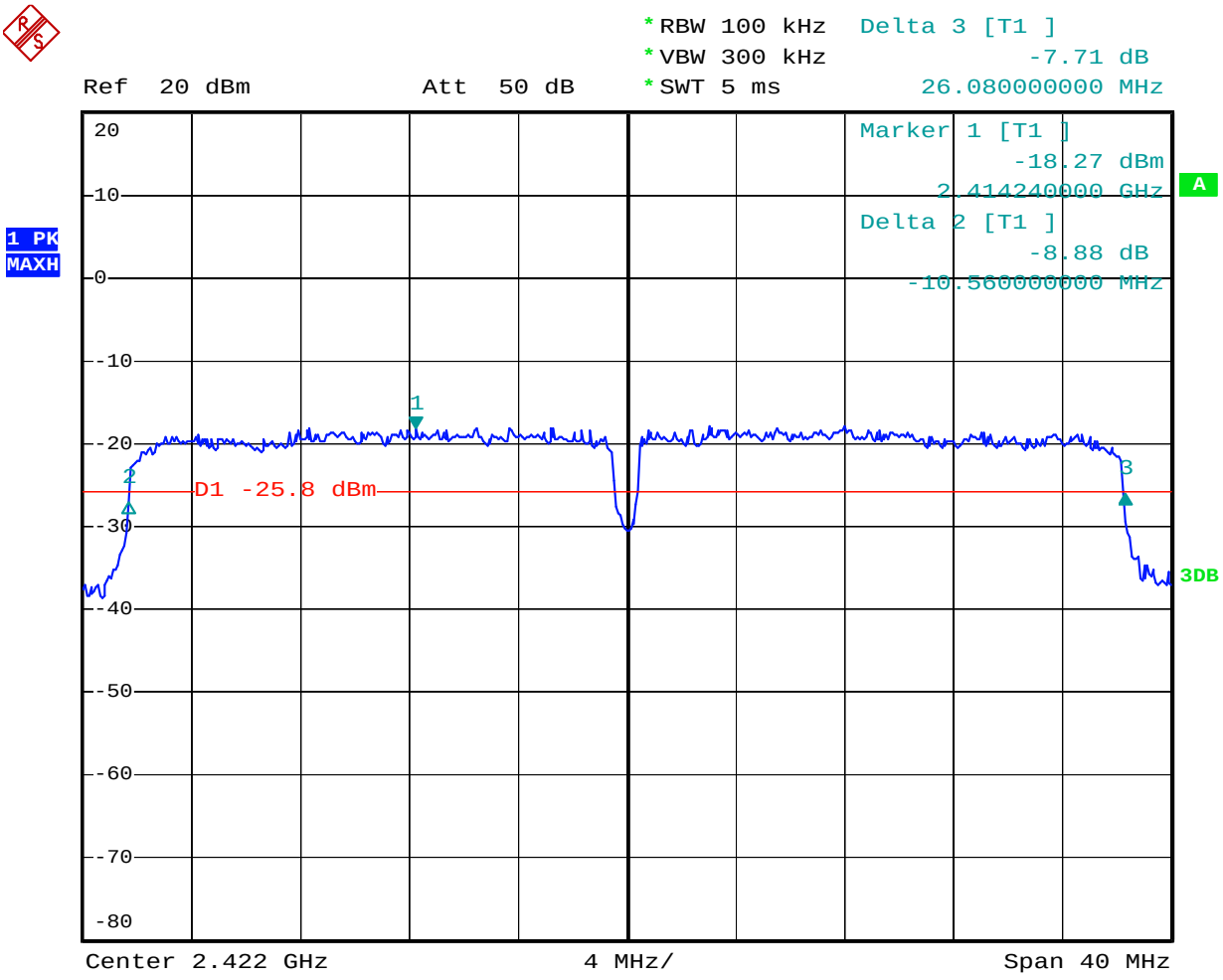
802.11n Channel Low 2422MHz (40MHz)



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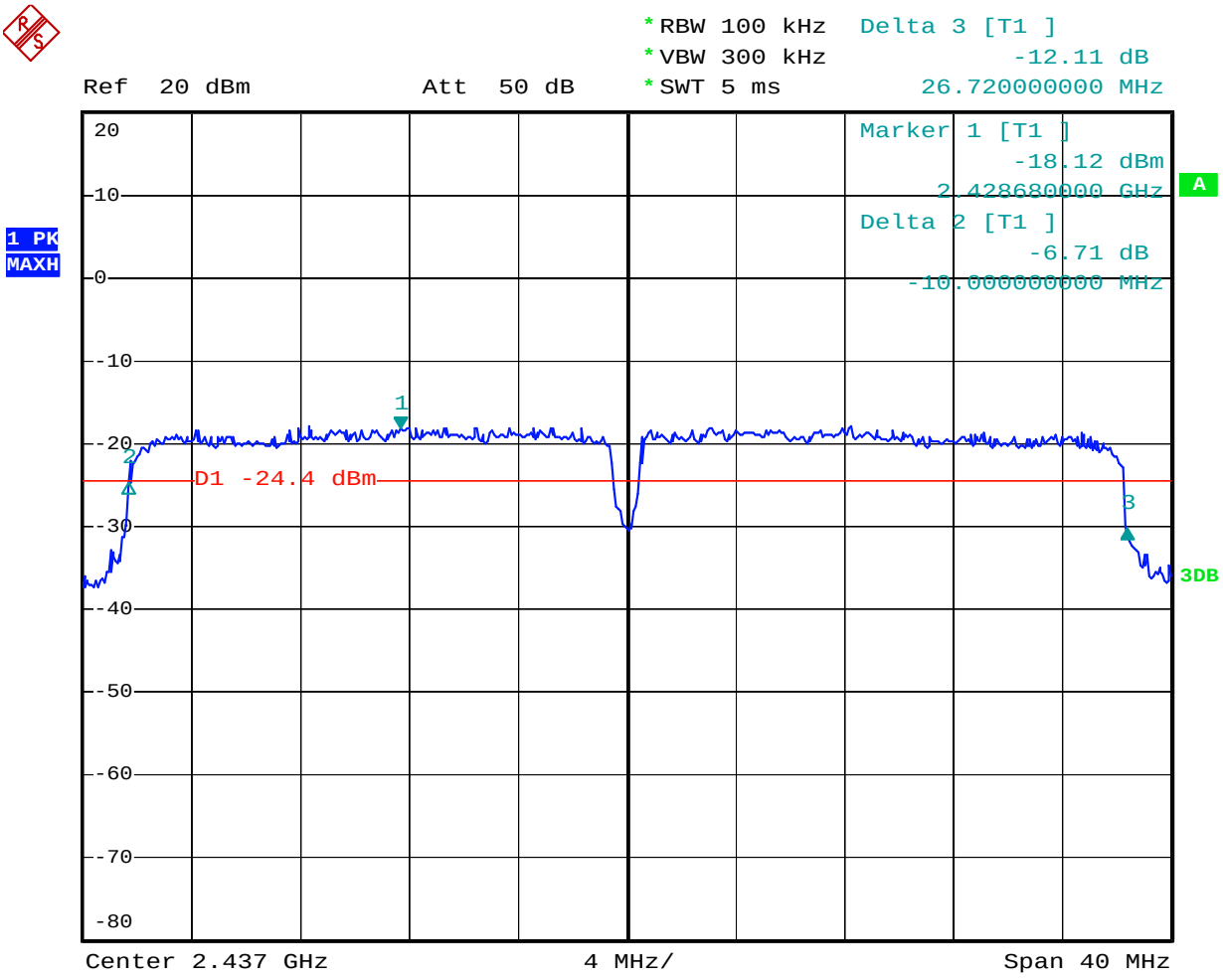
802.11n Channel Middle 2437MHz(40MHz)



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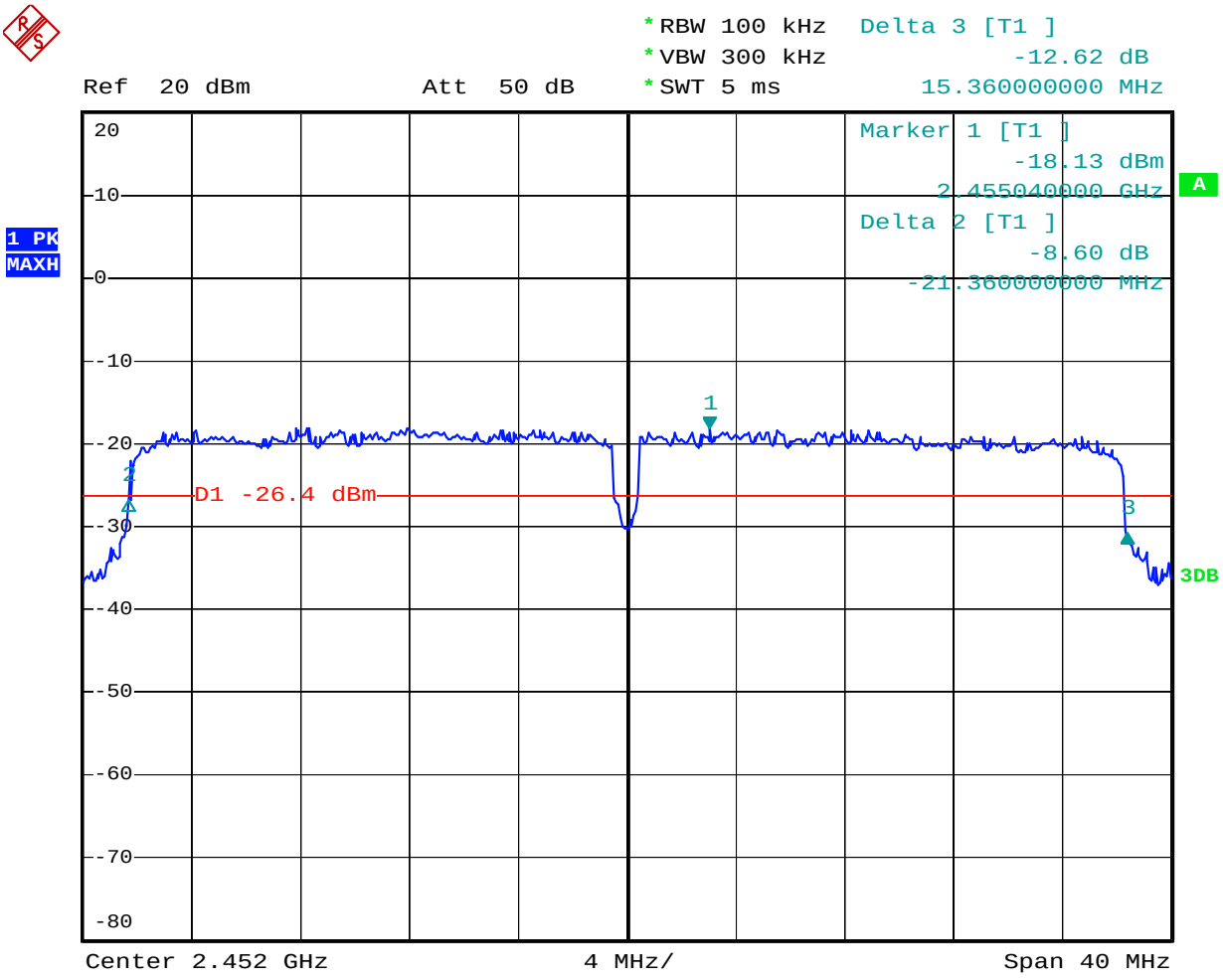
802.11n Channel High 2452MHz(40MHz)



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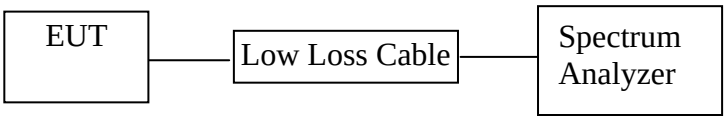
6. MAXIMUM PEAK OUTPUT POWER

6.1.Block Diagram of Test Setup



(EUT: MID)

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.MID (EUT)

Model Number	**:**	M700XX
Serial Number	**:**	N/A
Manufacturer	**:**	Shenzhen Sungworld Electronics 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 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

6.5.Test Procedure

6.5.1.The EUT was tested according to DTS test procedure of March 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

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

6.5.4.Measurement the maximum peak output power.

6.6.Test Result

PASS.

Date of Test:	May 9, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	6.76	4.74	30 dBm / 1 W
Middle	2437	6.52	4.49	30 dBm / 1 W
High	2462	5.55	3.59	30 dBm / 1 W

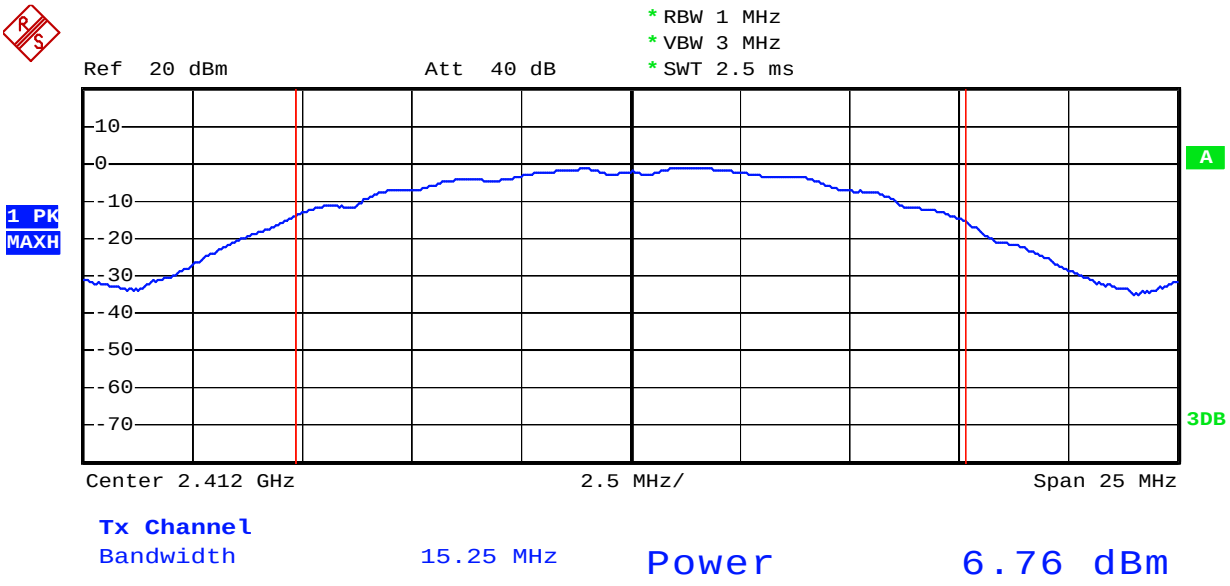
The test was performed with 802.11g				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	7.20	5.25	30 dBm / 1 W
Middle	2437	7.22	5.27	30 dBm / 1 W
High	2462	6.89	4.89	30 dBm / 1 W

The test was performed with 802.11n (20MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	7.21	5.26	30 dBm / 1 W
Middle	2437	6.77	4.75	30 dBm / 1 W
High	2462	6.73	4.71	30 dBm / 1 W

The test was performed with 802.11n (40MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2422	5.36	3.44	30 dBm / 1 W
Middle	2437	6.87	4.86	30 dBm / 1 W
High	2452	6.87	4.86	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



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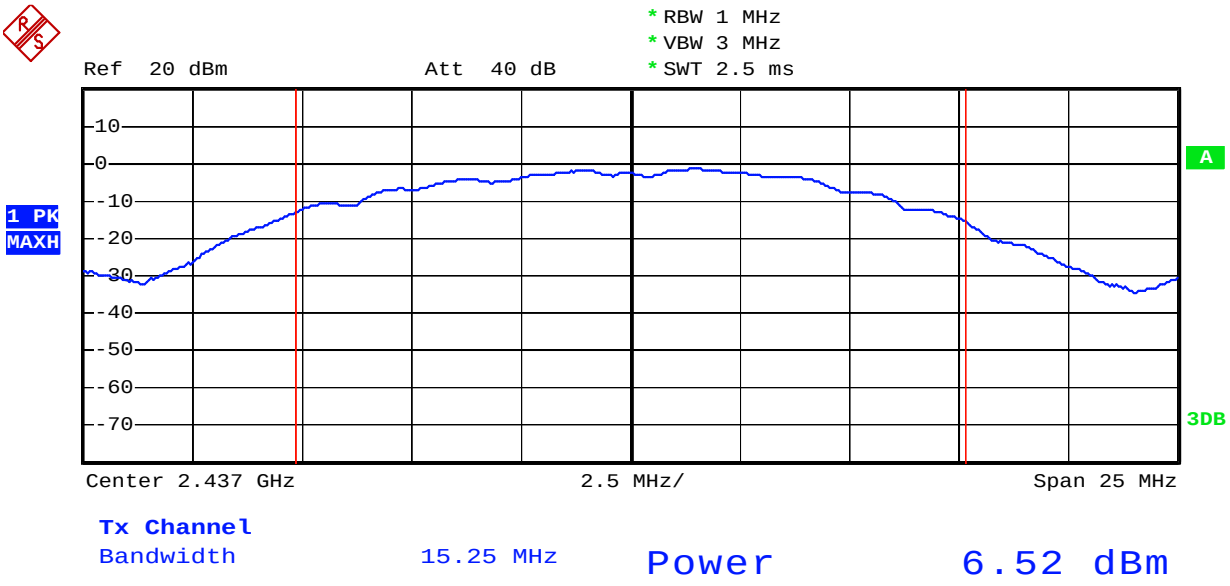
802.11b Channel Middle 2437MHz



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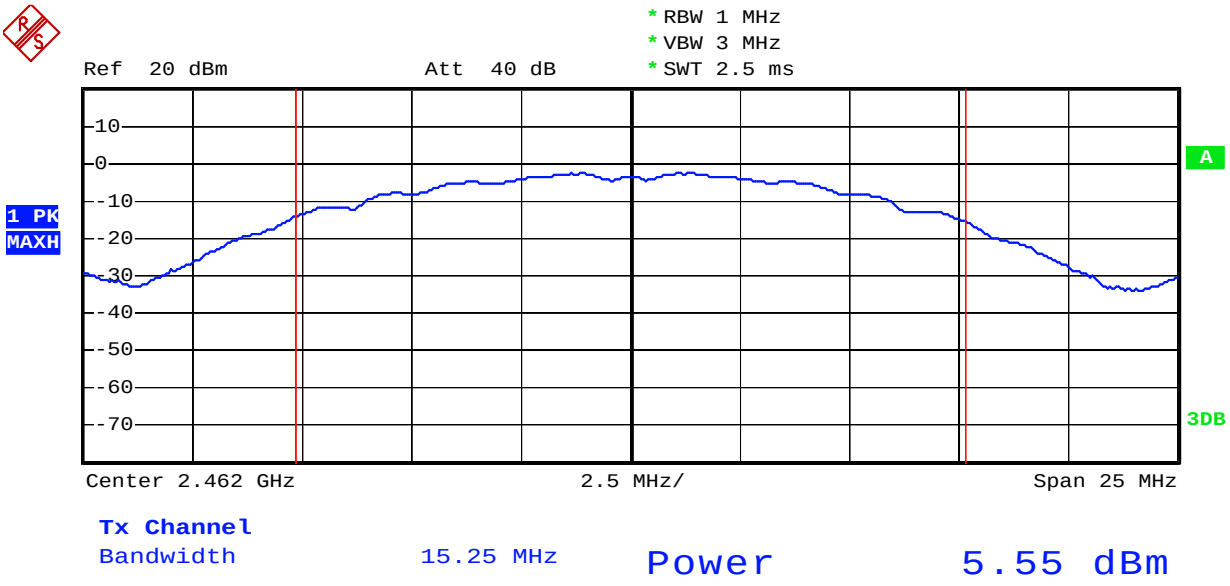
802.11b Channel High 2462MHz



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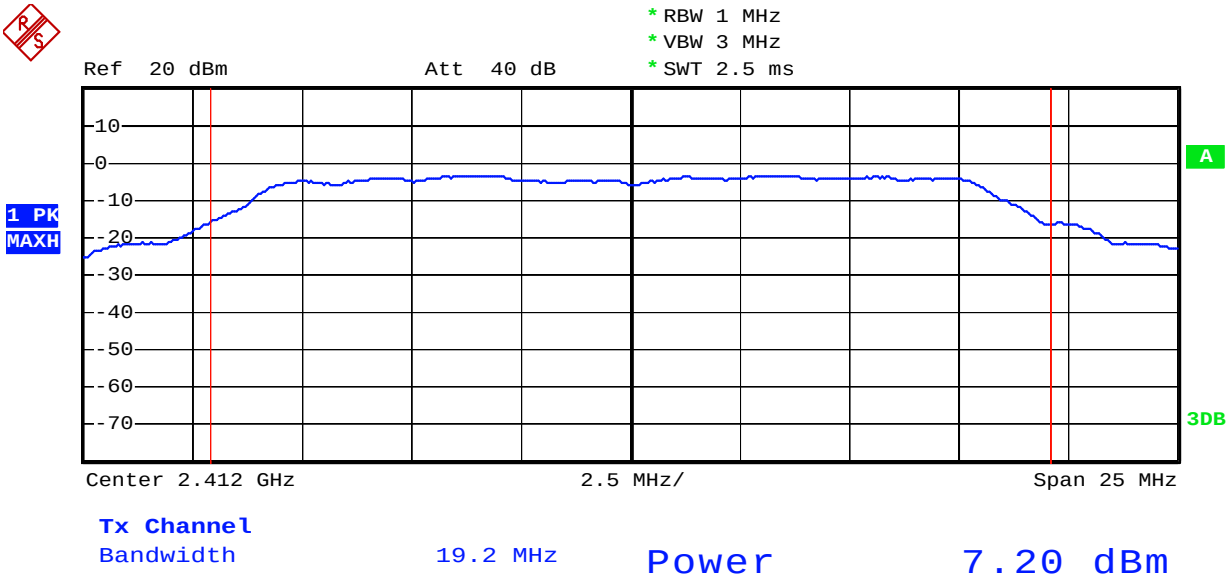
802.11g Channel Low 2412MHz



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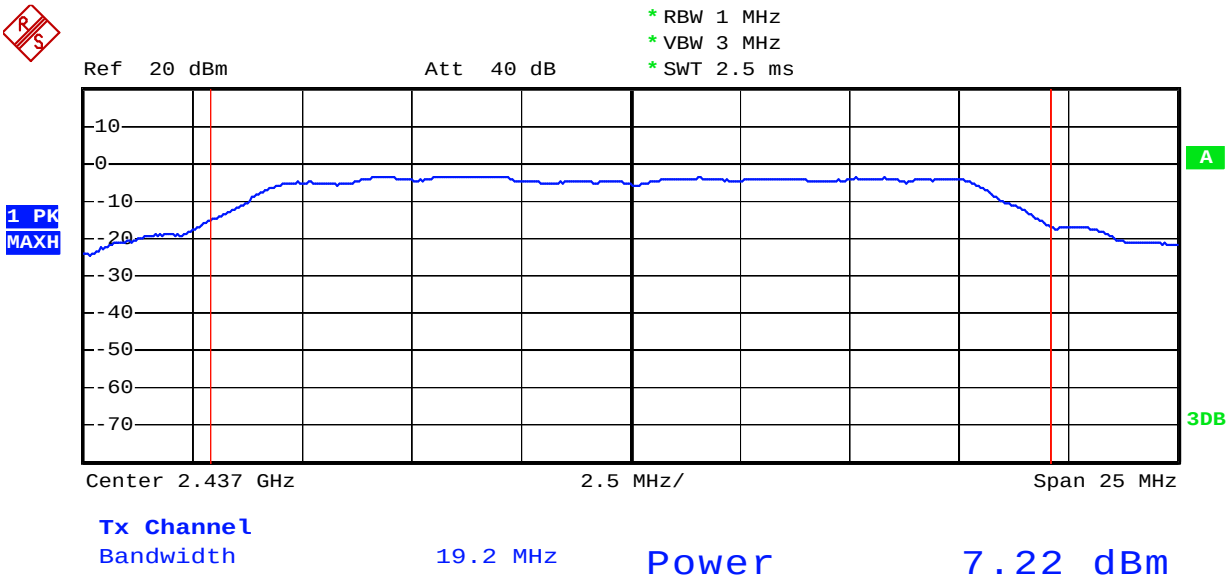
802.11g Channel Middle 2437MHz



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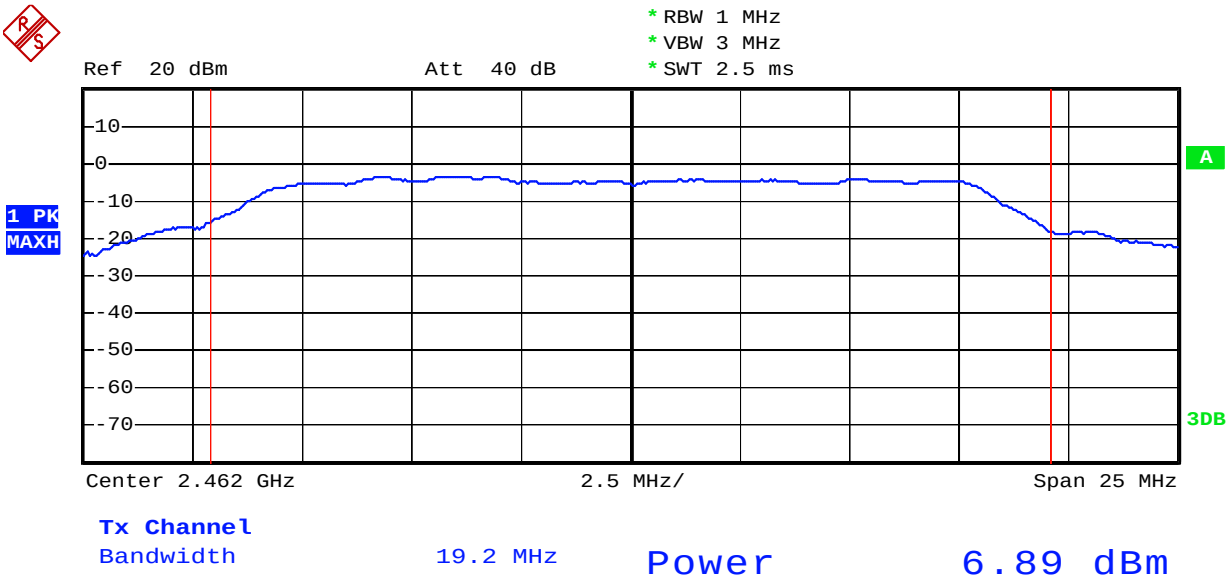
802.11g Channel High 2462MHz



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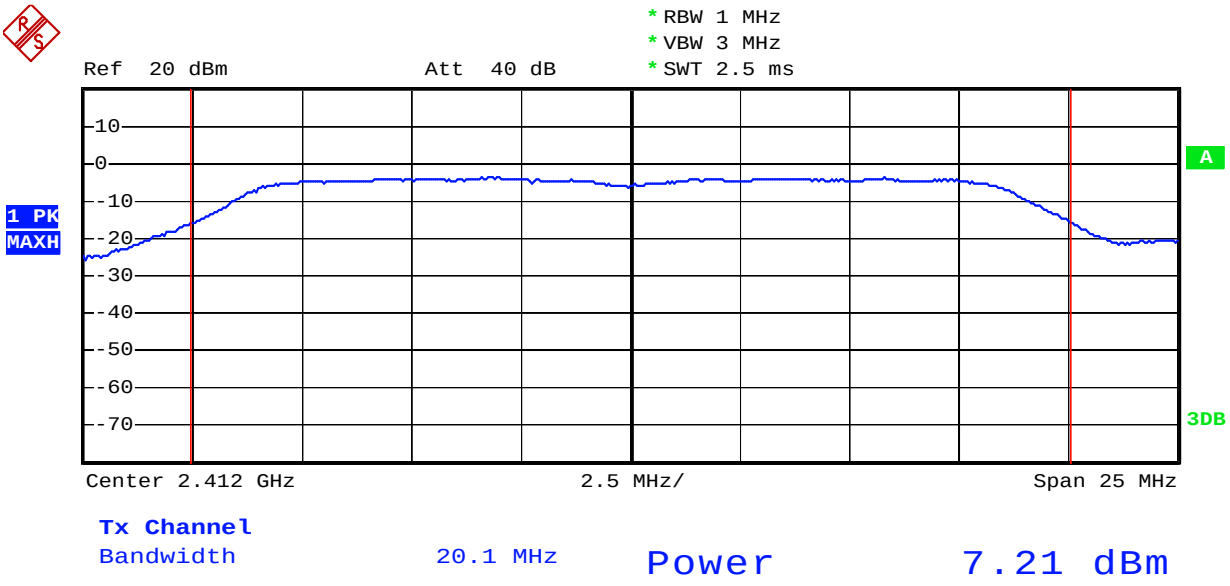
802.11n Channel Low 2412MHz (20MHz)



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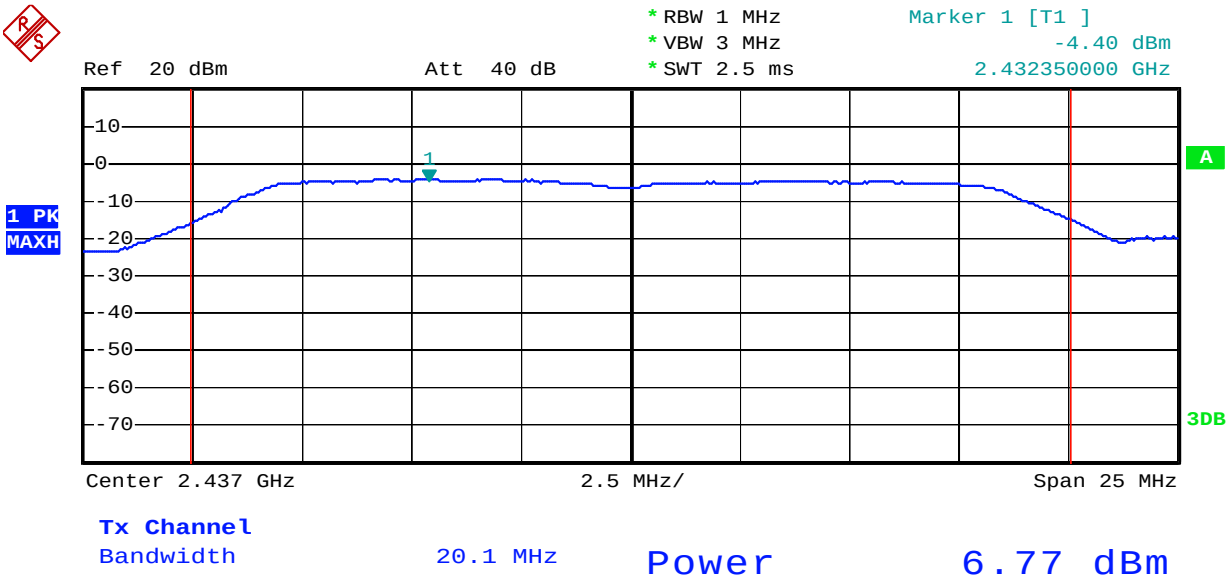
802.11n Channel Middle 2437MHz (20MHz)



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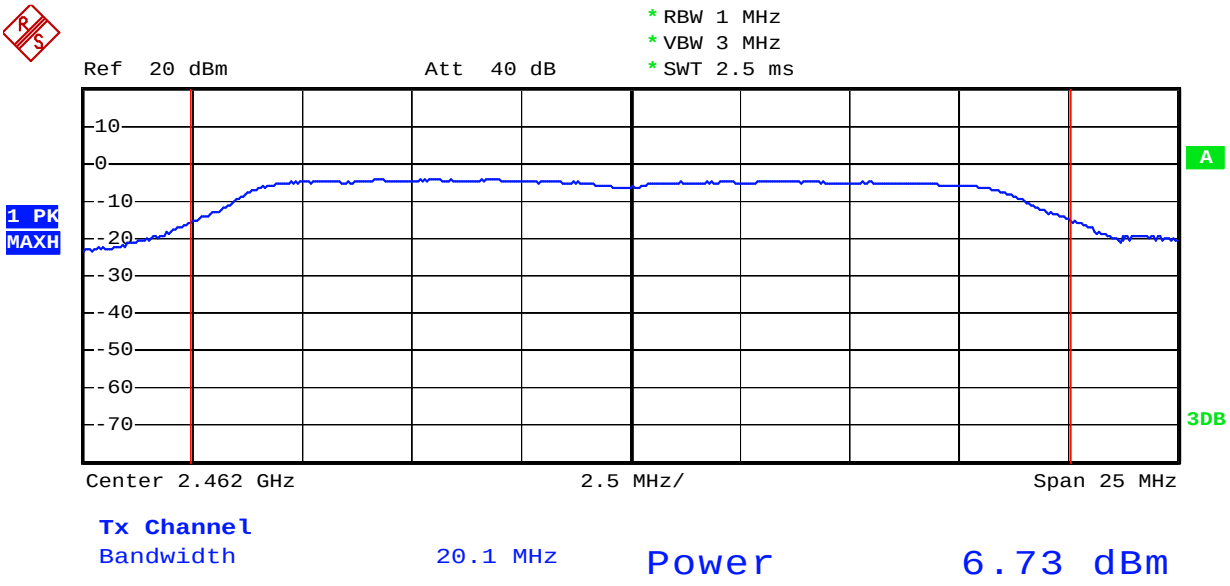
802.11n Channel High 2462MHz (20MHz)



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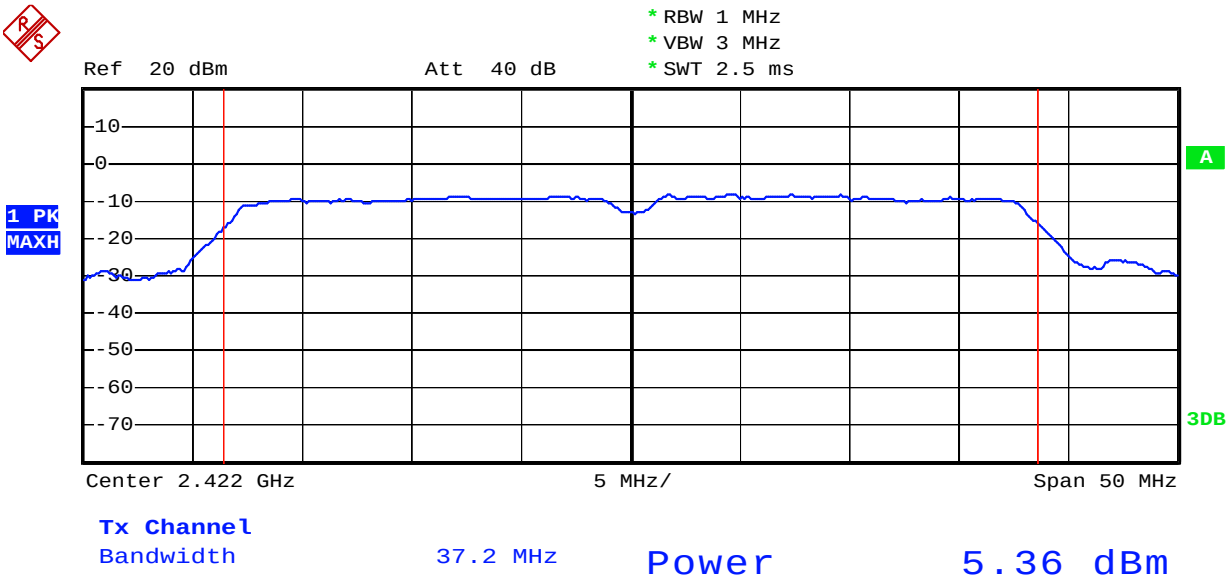
802.11n Channel Low 2422MHz (40MHz)



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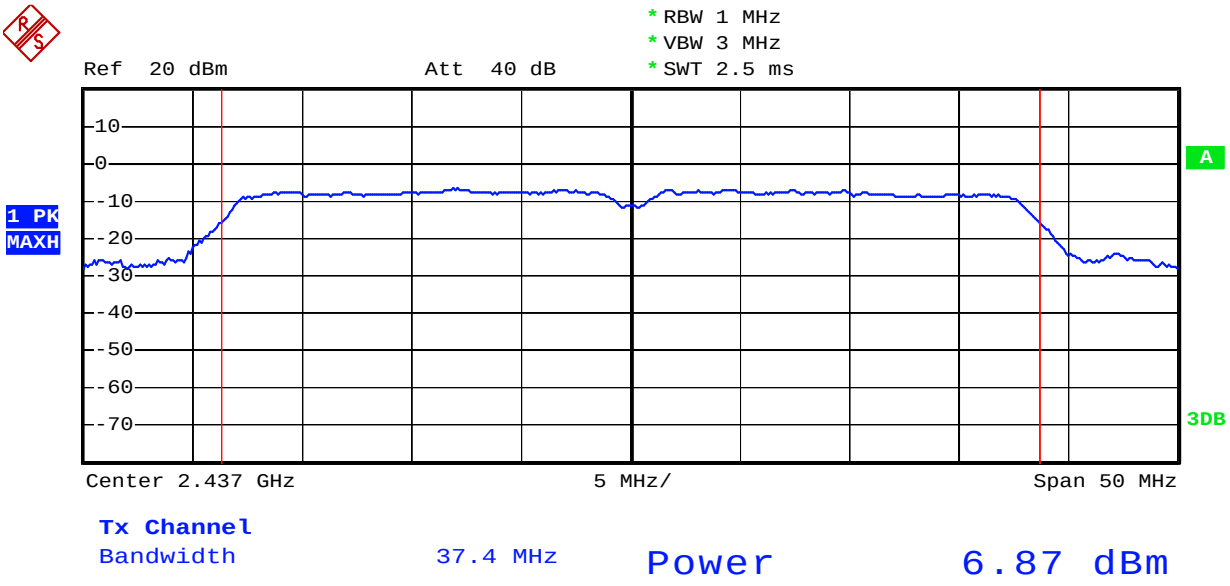
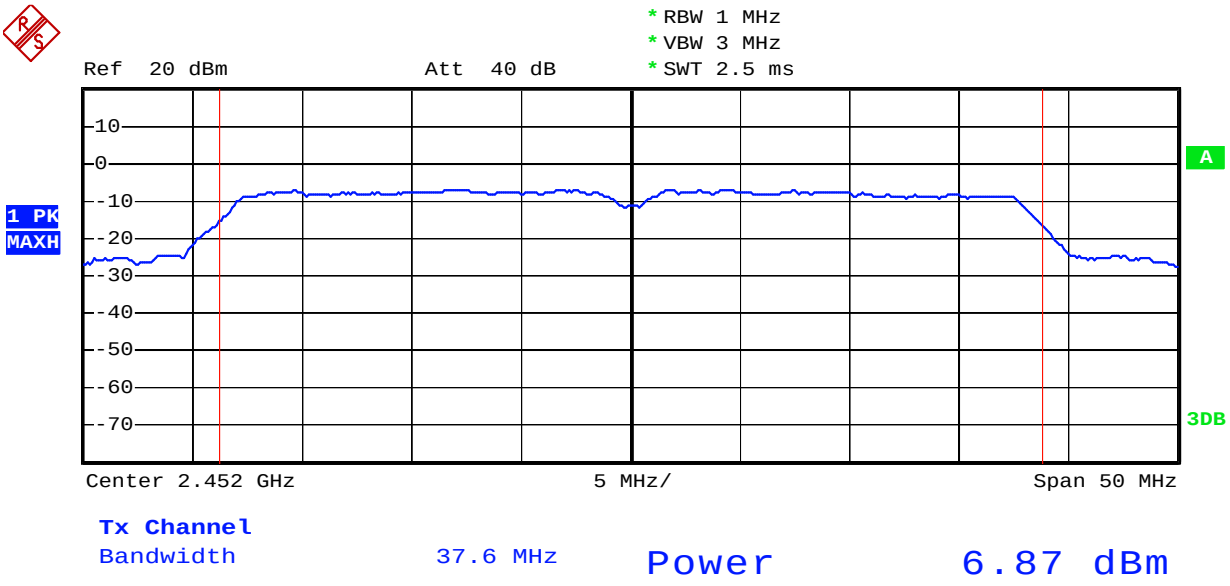
802.11n Channel Middle 2437MHz (40MHz)



Date: 9.MAY.2012 21:58:45

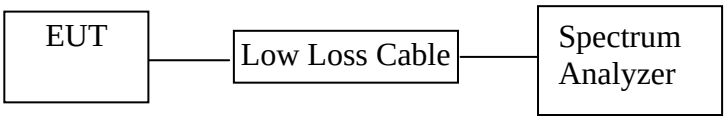
802.11n Channel High 2452MHz (40MHz)



Date: 9.MAY.2012 22:00:47

7. POWER SPECTRAL DENSITY MEASUREMENT

7.1.Block Diagram of Test Setup



(EUT: MID)

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.MID (EUT)

Model Number	:	M700XX
Serial Number	:	N/A
Manufacturer	:	Shenzhen Sungworld Electronics 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 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

7.5.Test Procedure

7.5.1.The EUT was tested according to DTS test procedure of March 2005 KDB558074 for compliance to FCC 47CFR 15.247 requirements.

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

7.5.3.Set RBW of spectrum analyzer to 3kHz and VBW to 10kHz, sweep time = Span/30kHz.

7.5.4.Measurement the maximum power spectral density.

7.6.Test Result

PASS.

Date of Test:	May 10-12, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-27.97	8 dBm
Middle	2437	-27.16	8 dBm
High	2462	-31.17	8 dBm

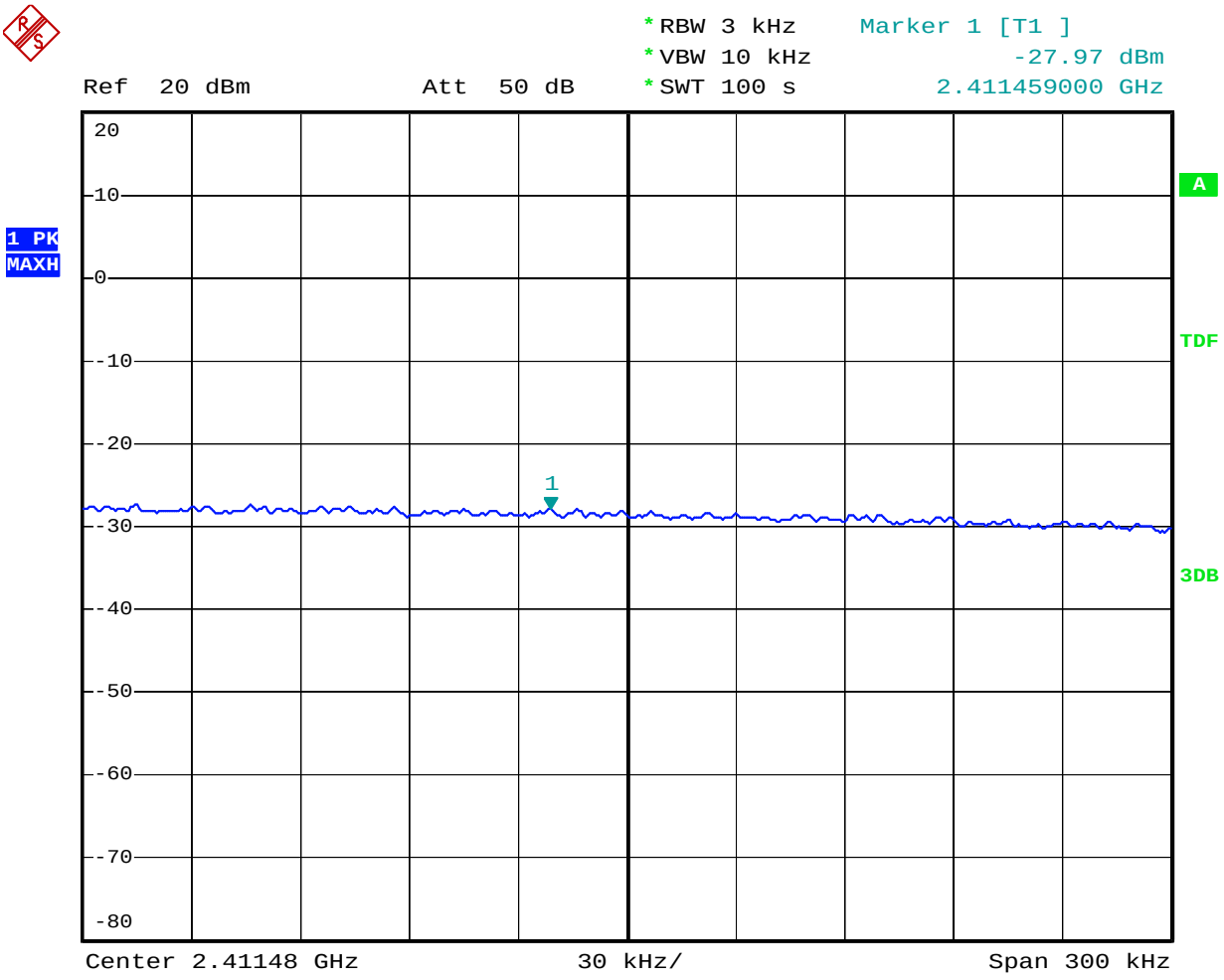
The test was performed with 802.11g			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-29.55	8 dBm
Middle	2437	-28.54	8 dBm
High	2462	-31.17	8 dBm

The test was performed with 802.11n (20MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-32.40	8 dBm
Middle	2437	-33.00	8 dBm
High	2462	-34.02	8 dBm

The test was performed with 802.11n (40MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2422	-34.78	8 dBm
Middle	2437	-35.05	8 dBm
High	2452	-33.11	8 dBm

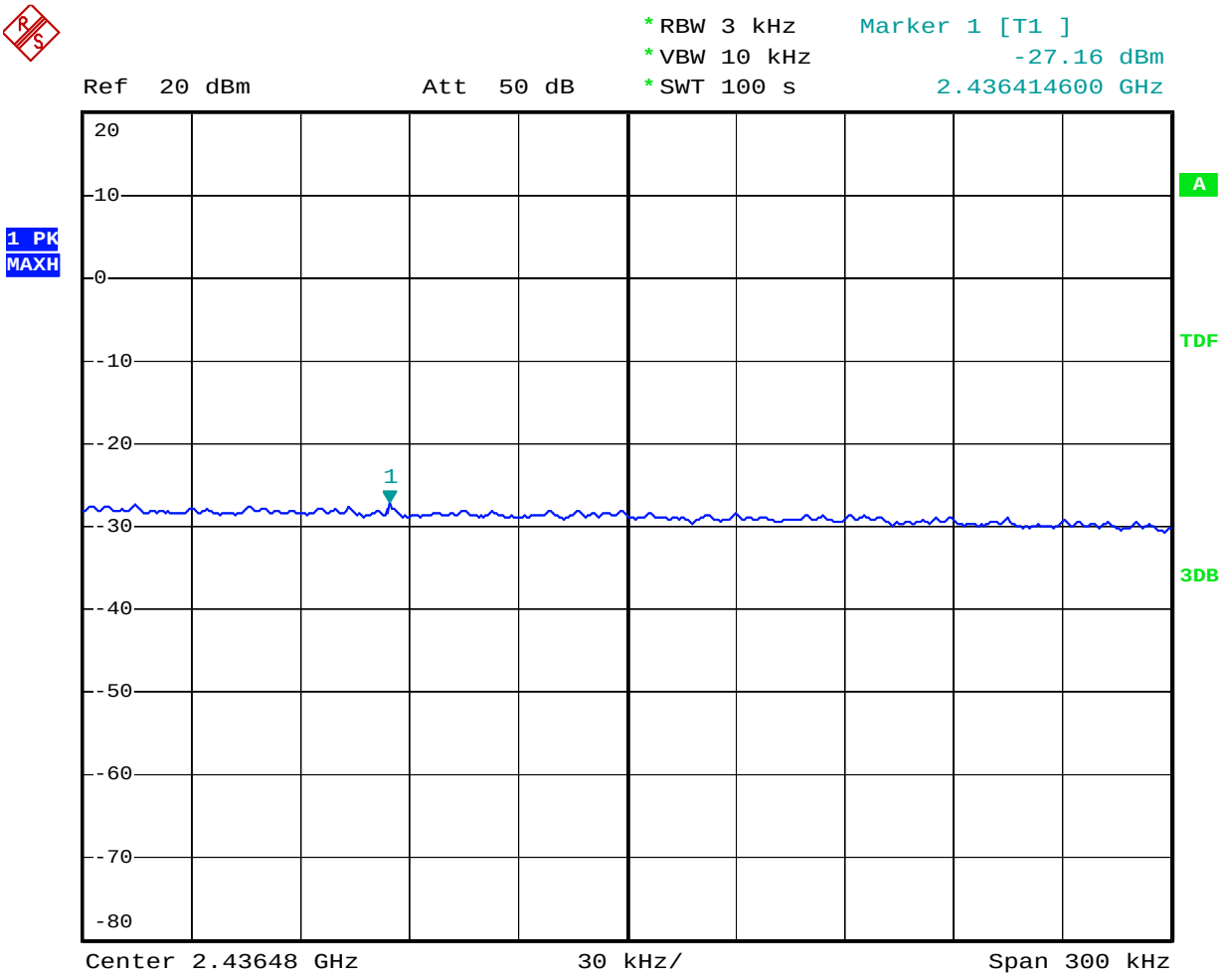
The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



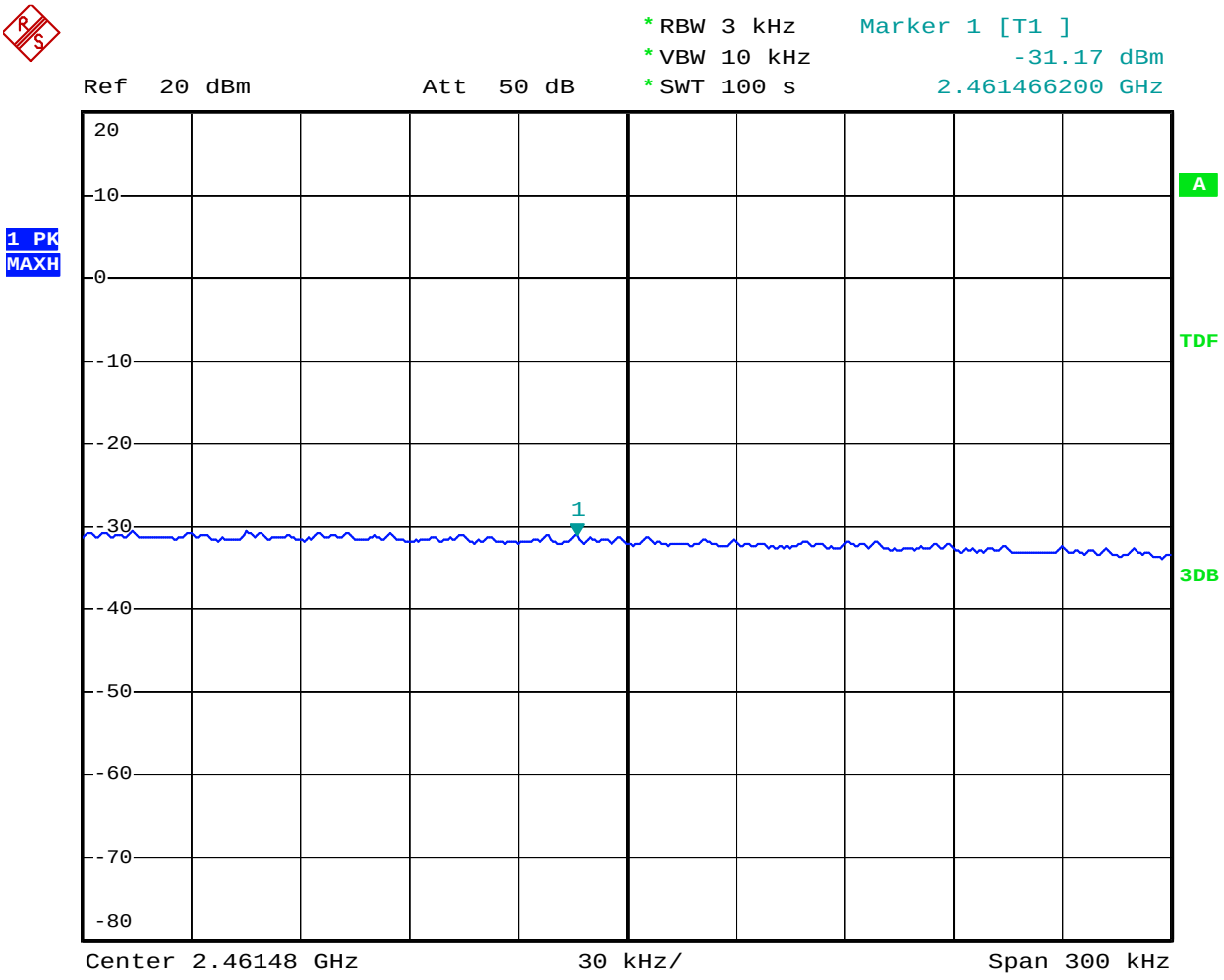
Date: 10.MAY.2012 19:23:01

802.11b Channel Middle 2437MHz



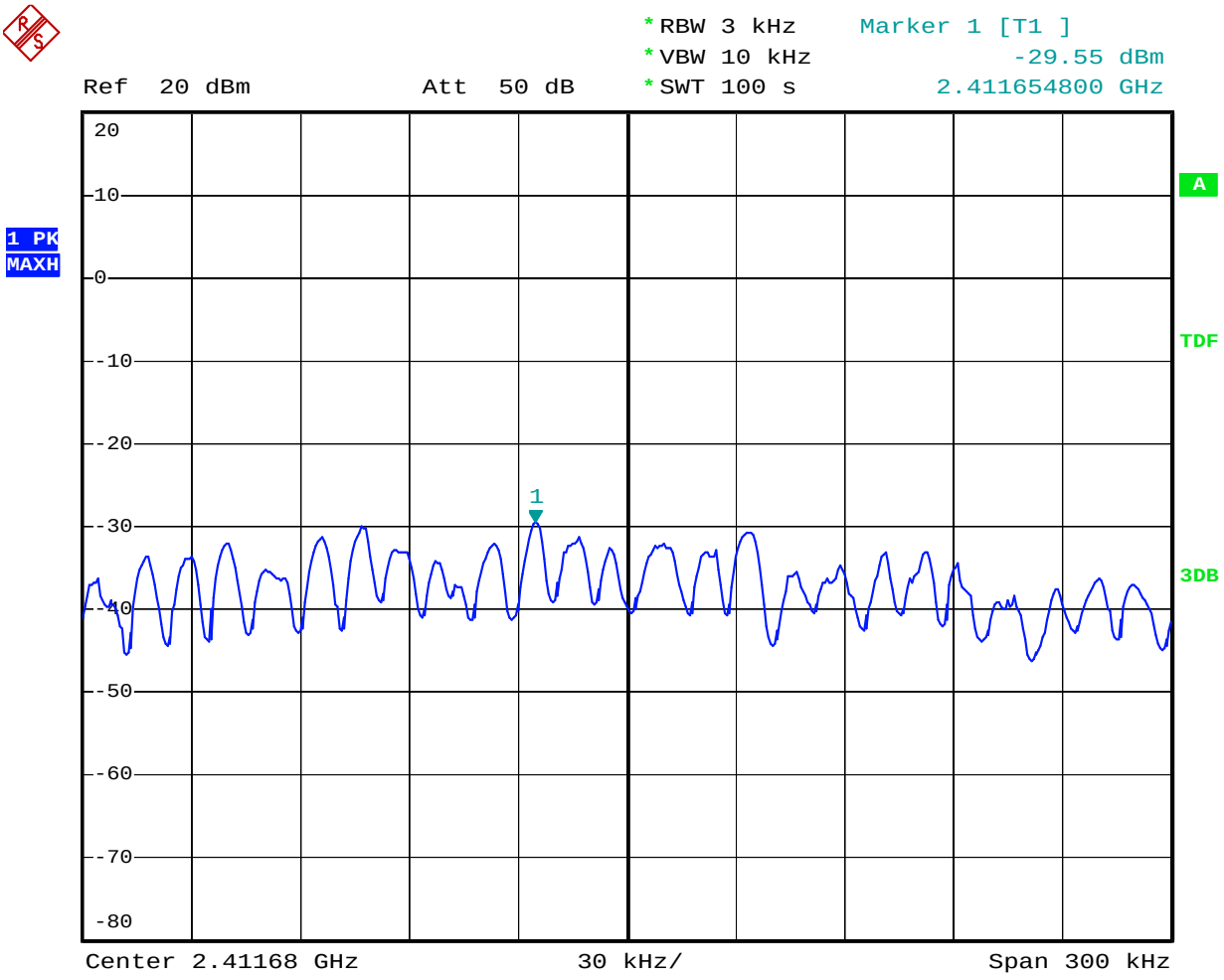
Date: 10.MAY.2012 19:37:59

802.11b Channel High 2462MHz



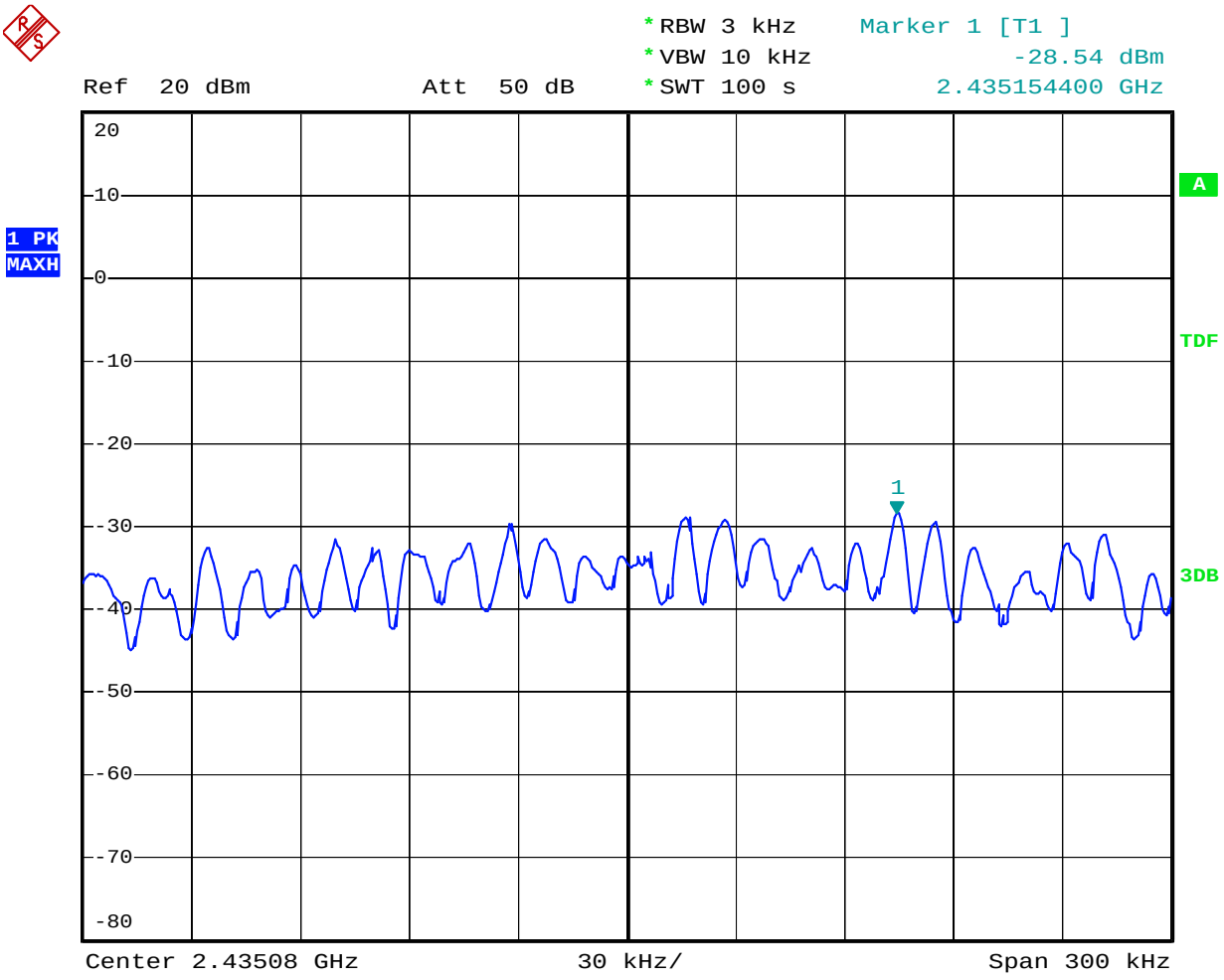
Date: 12.MAY.2012 15:55:29

802.11g Channel Low 2412MHz



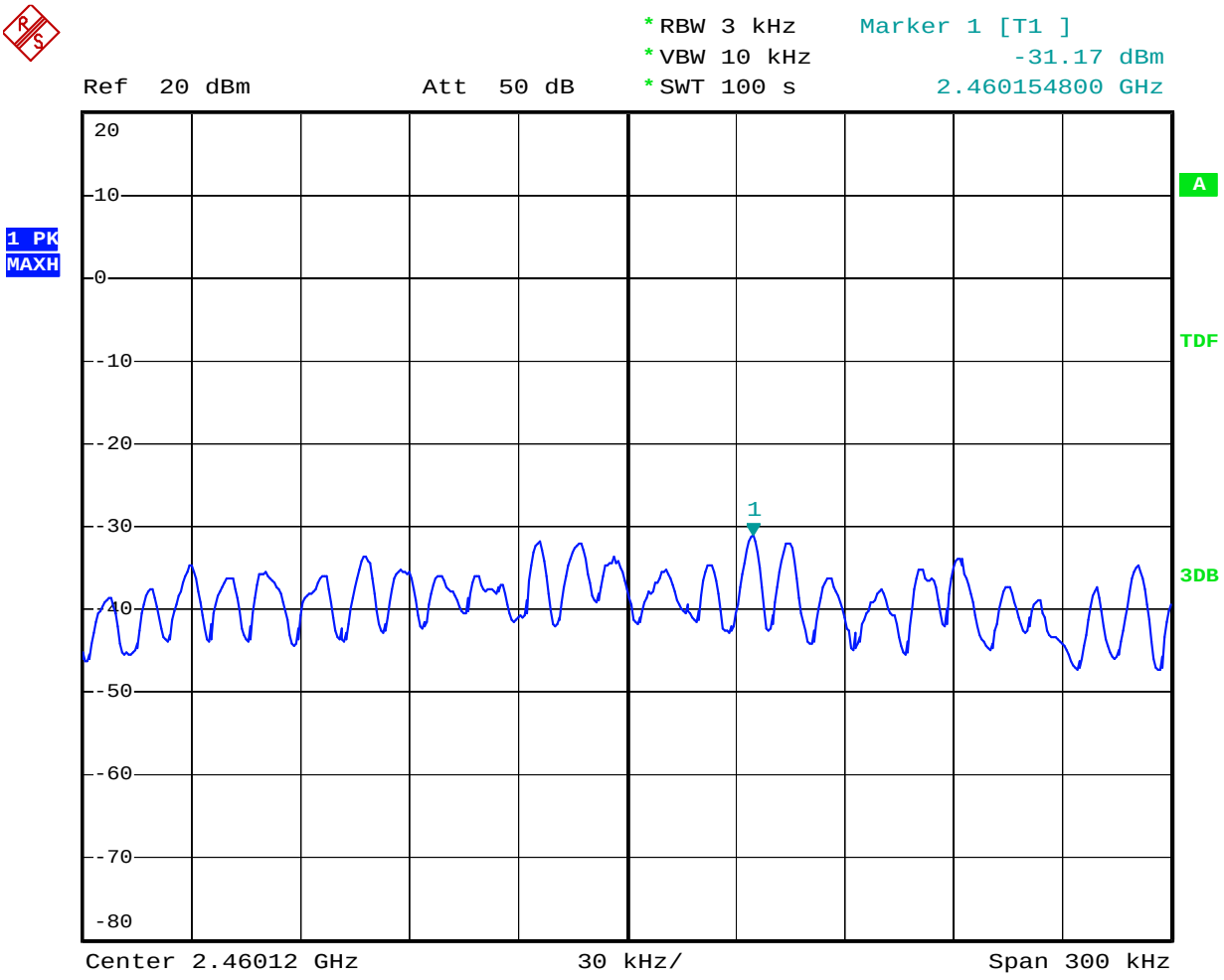
Date: 10.MAY.2012 19:28:13

802.11g Channel Middle 2437MHz



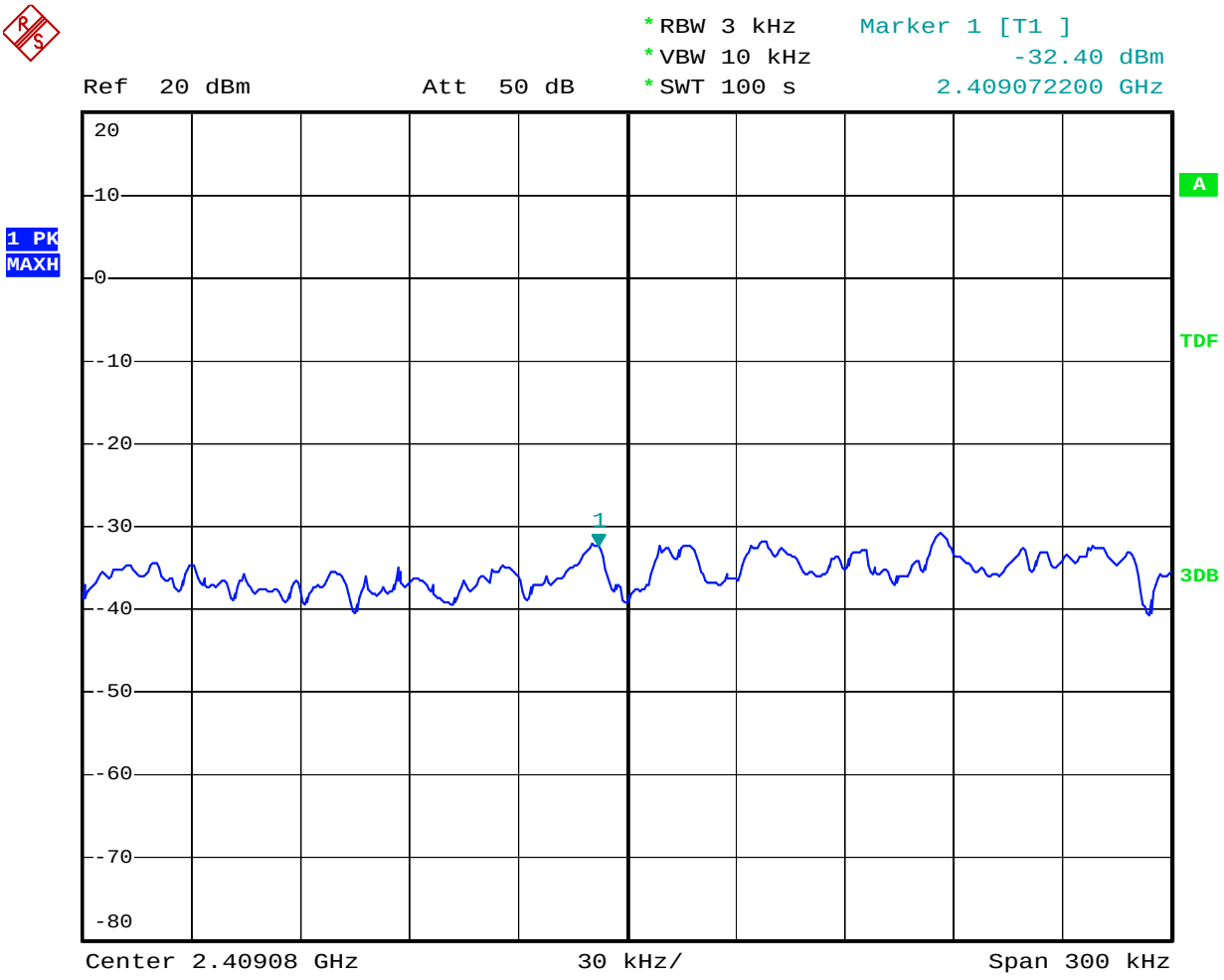
Date: 12.MAY.2012 15:46:18

802.11g Channel High 2462MHz



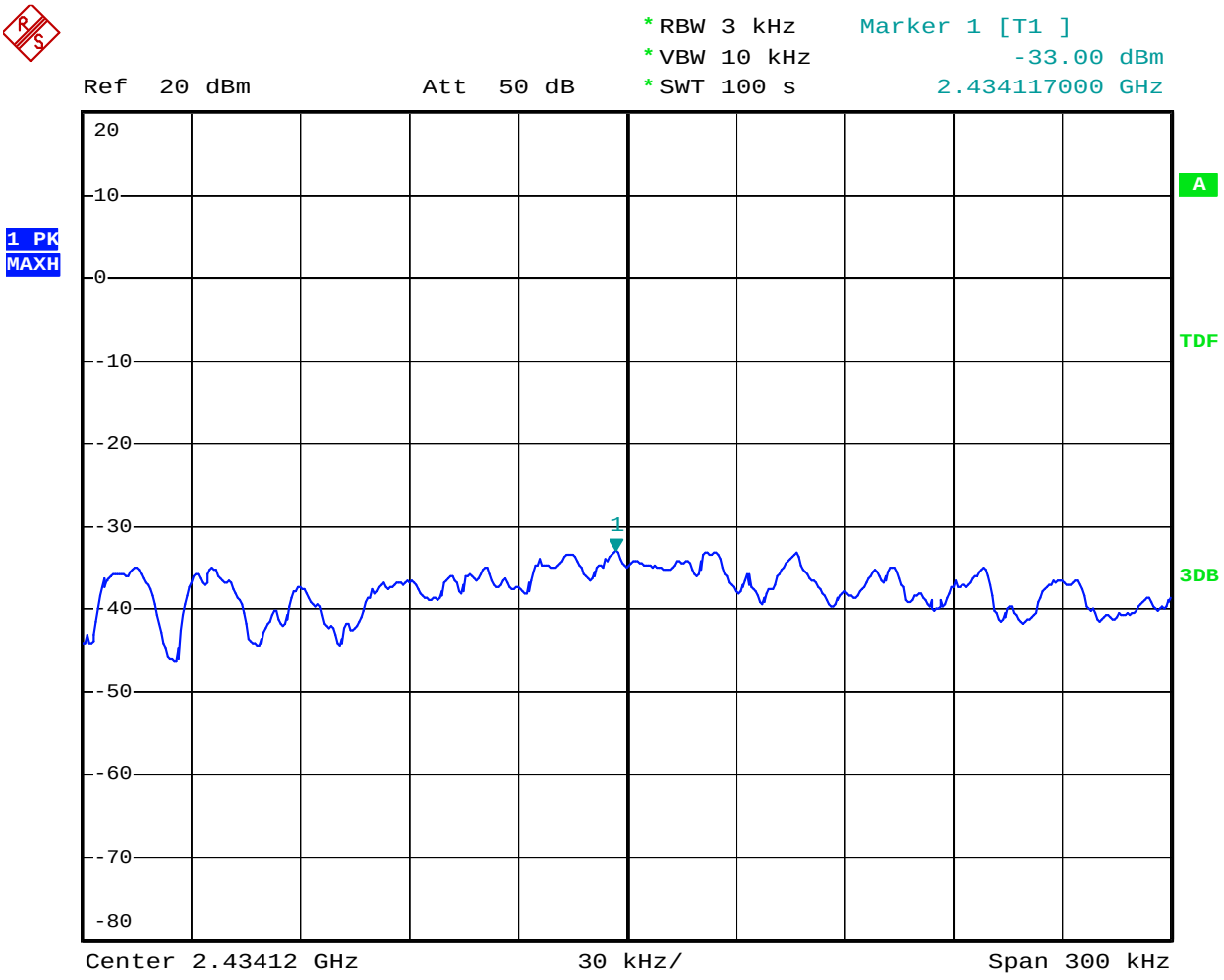
Date: 12.MAY.2012 15:59:57

802.11n Channel Low 2412MHz (20MHz)



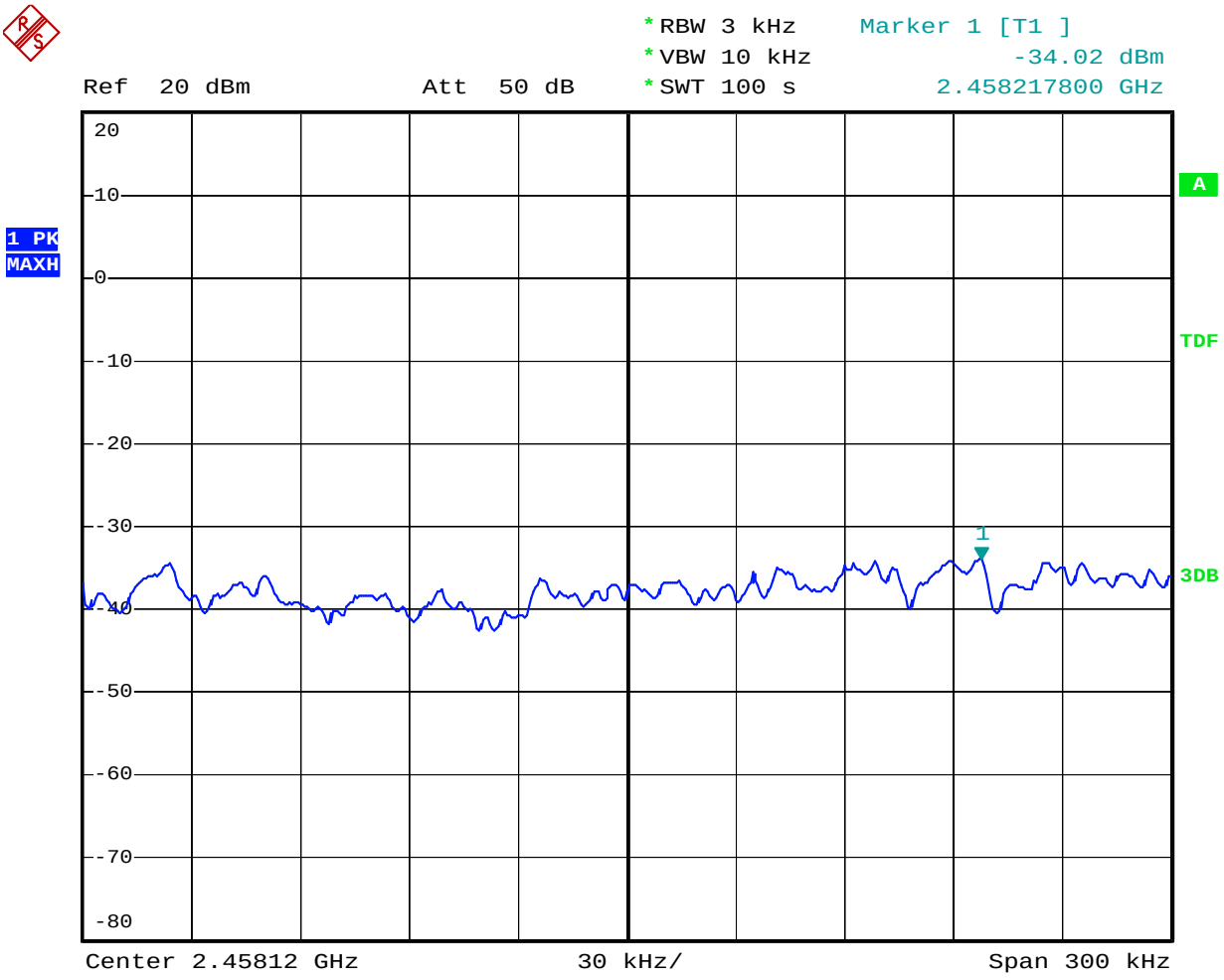
Date: 10.MAY.2012 19:33:05

802.11n Channel Middle 2437MHz (20MHz)



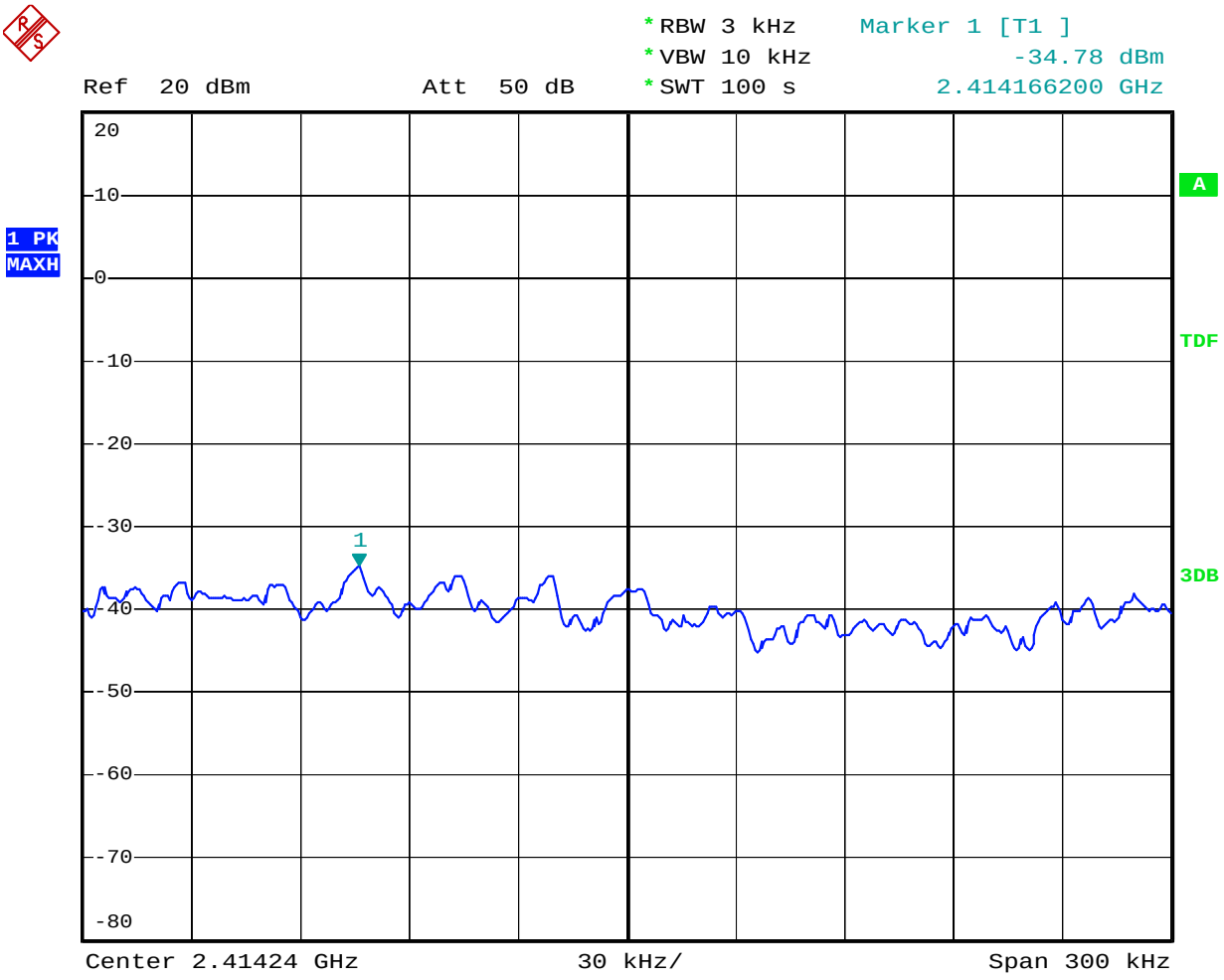
Date: 12.MAY.2012 15:50:54

802.11n Channel High 2462MHz(20MHz)



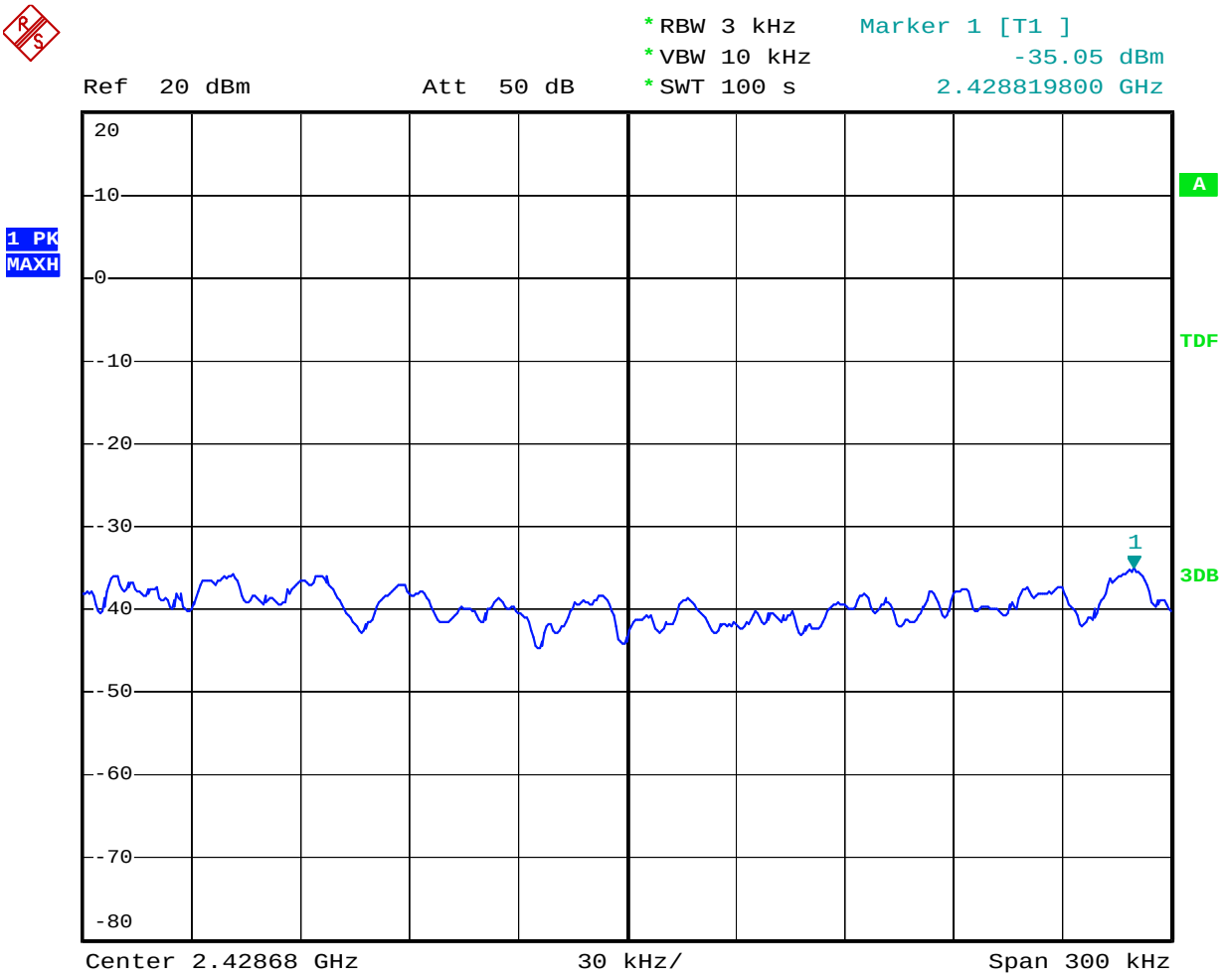
Date: 12.MAY.2012 16:04:35

802.11n Channel Low 2422MHz (40MHz)



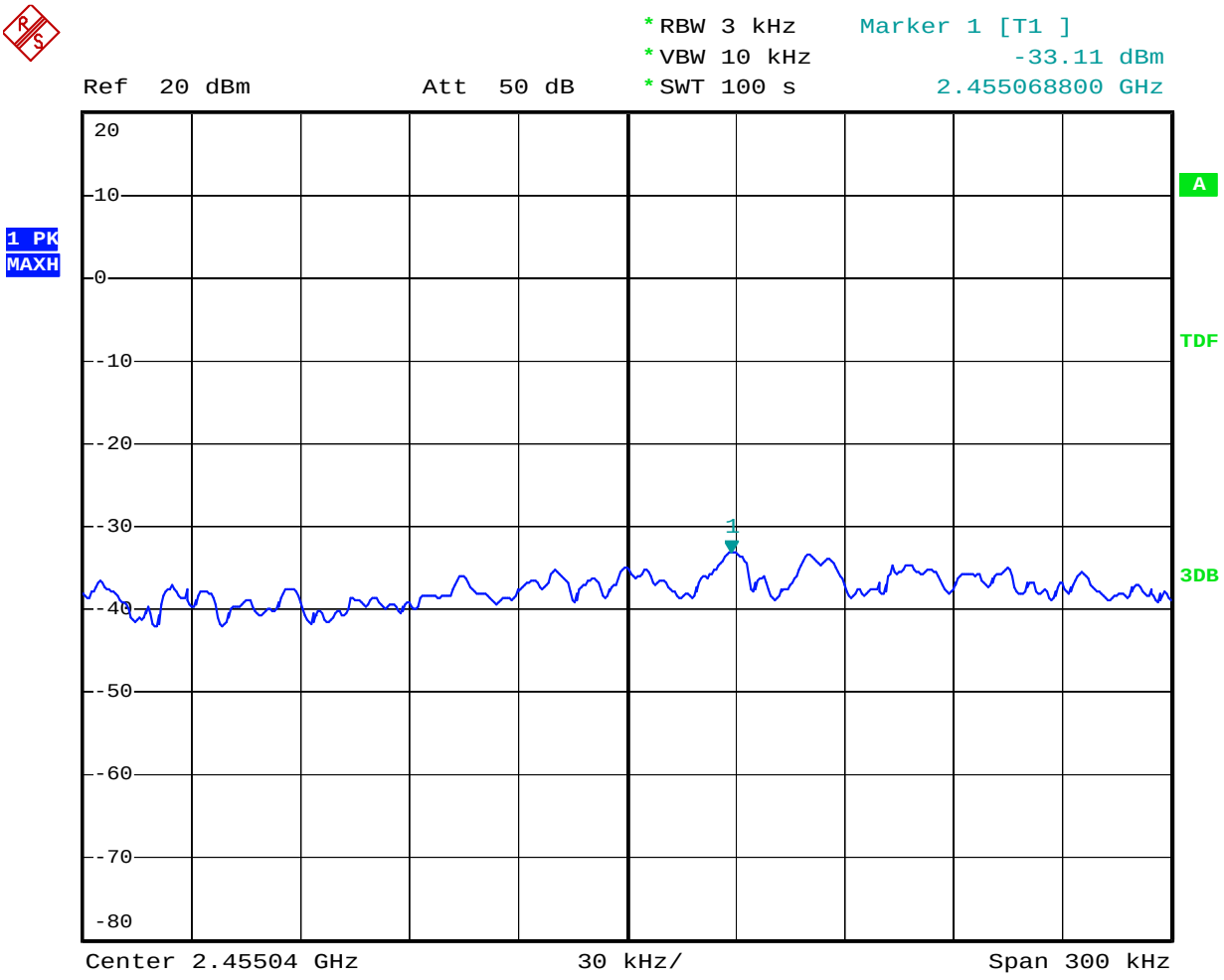
Date: 12.MAY.2012 16:09:08

802.11n Channel Middle 2437MHz(40MHz)



Date: 12.MAY.2012 16:13:31

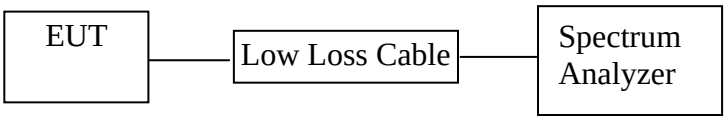
802.11n Channel High 2452MHz(40MHz)



Date: 12.MAY.2012 16:18:17

8. BAND EDGE COMPLIANCE TEST

8.1.Block Diagram of Test Setup



(EUT: MID)

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.MID (EUT)

Model Number	:	M700XX
Serial Number	:	N/A
Manufacturer	:	Shenzhen Sungworld Electronics 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 2412-2462 and 2422-2452MHz MHz. We select 2412MHz, 2462MHz and 2422MHz, 2452MHz TX frequency to transmit.

8.5.Test Procedure

Conducted Band Edge:

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.

Radiate Band Edge:

8.5.3. The EUT is placed on a turntable, which is 0.8m above the ground plane and worked at highest radiated power.

8.5.4. The turntable was rotated for 360 degrees to determine the position of maximum emission level.

8.5.5. EUT is set 3m away from the receiving antenna, which is varied from 1m to 4m to find out the highest emission.

8.5.6. Set the spectrum analyzer in the following setting in order to capture the lower and upper band-edges of the emission:

RBW=1MHz, VBW=1MHz

8.5.7.The band edges was measured and recorded.

8.6.Test Result

Pass

Conducted test

Date of Test:	May 5, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	28.08	> 20dBc
2462	33.69	> 20dBc

The test was performed with 802.11g

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.24	> 20dBc
2462	37.02	> 20dBc

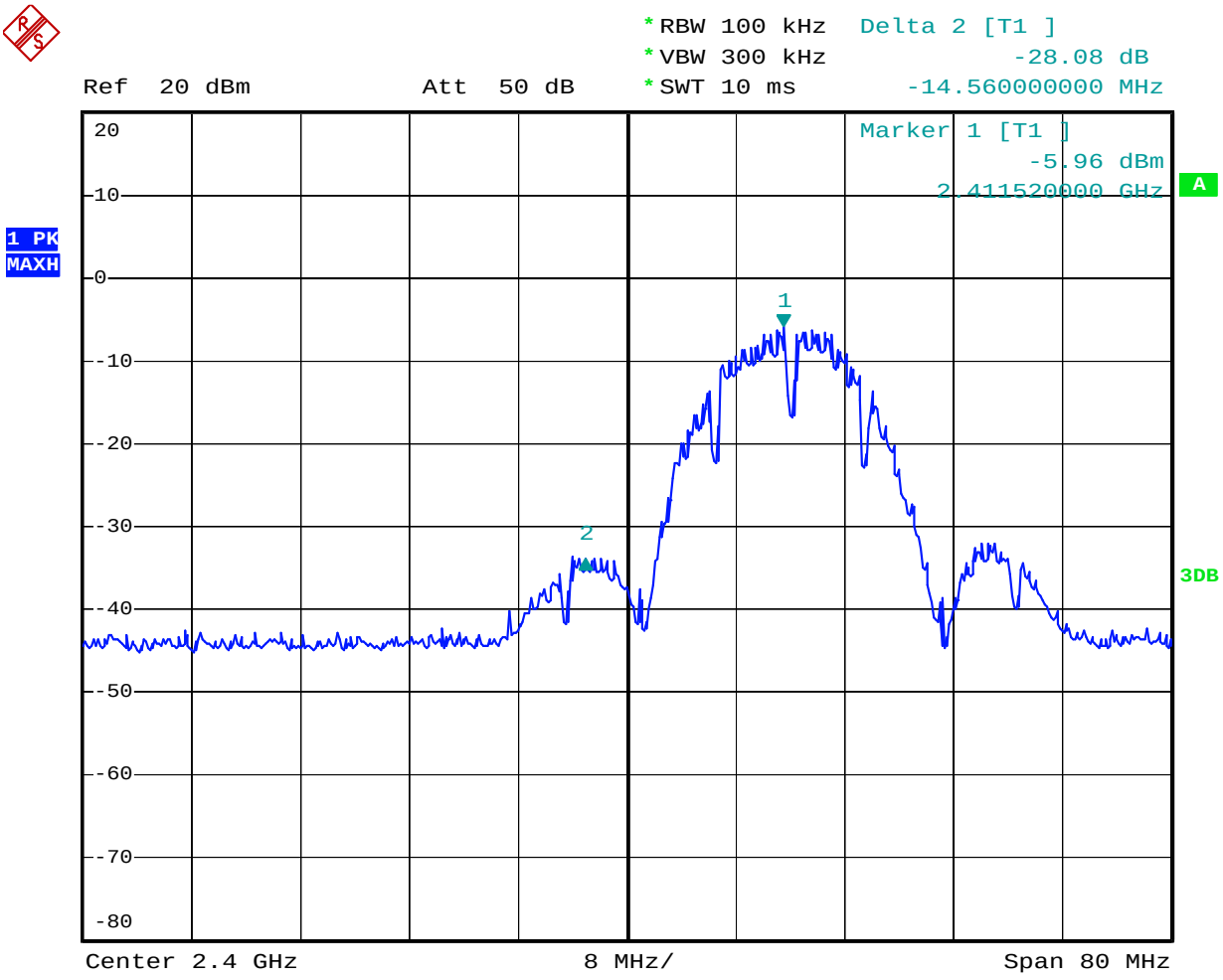
The test was performed with 802.11n (20MHz)

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	33.39	> 20dBc
2462	35.97	> 20dBc

The test was performed with 802.11n (40MHz)

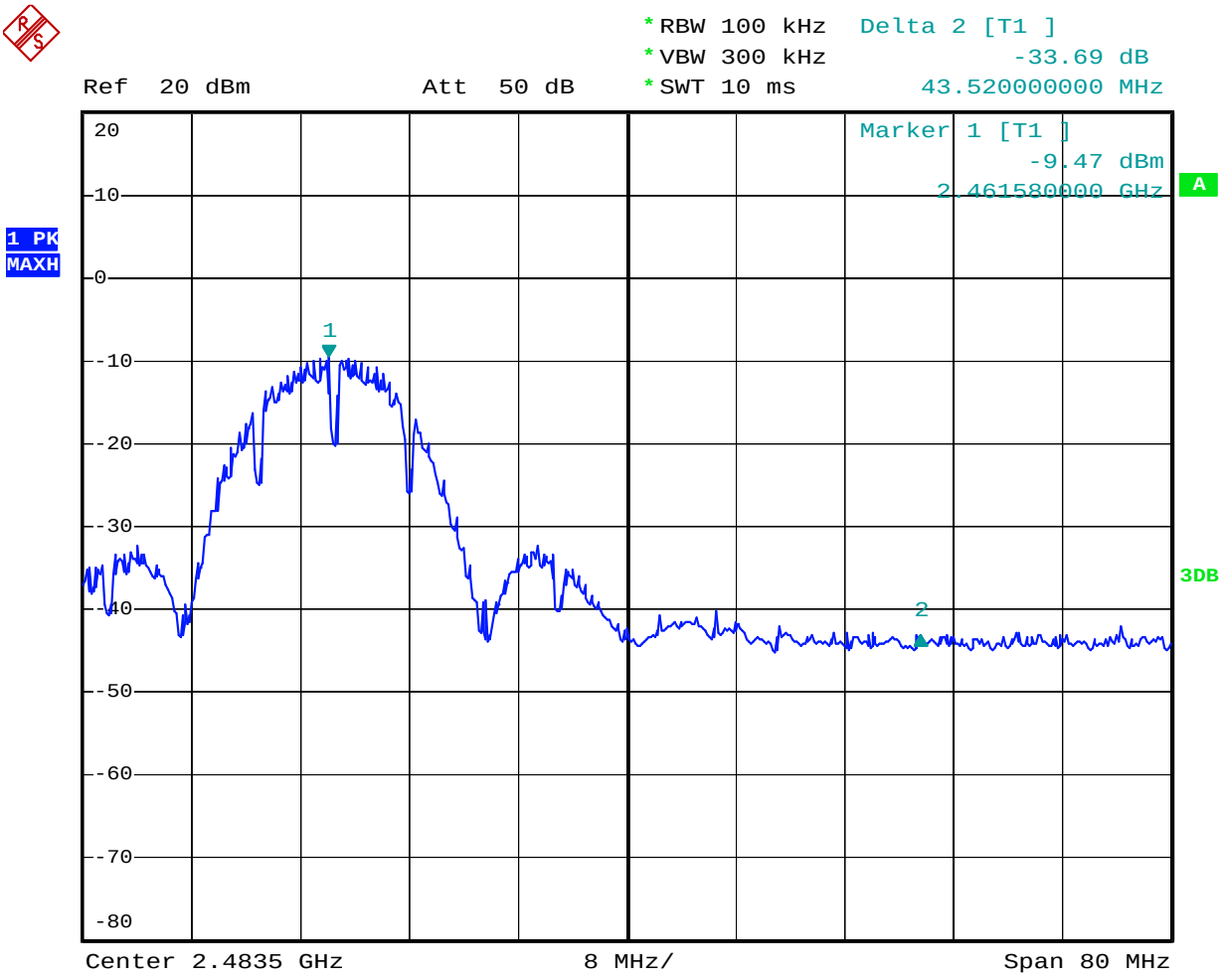
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2422	20.11	> 20dBc
2452	21.88	> 20dBc

802.11b Channel Low 2412MHz



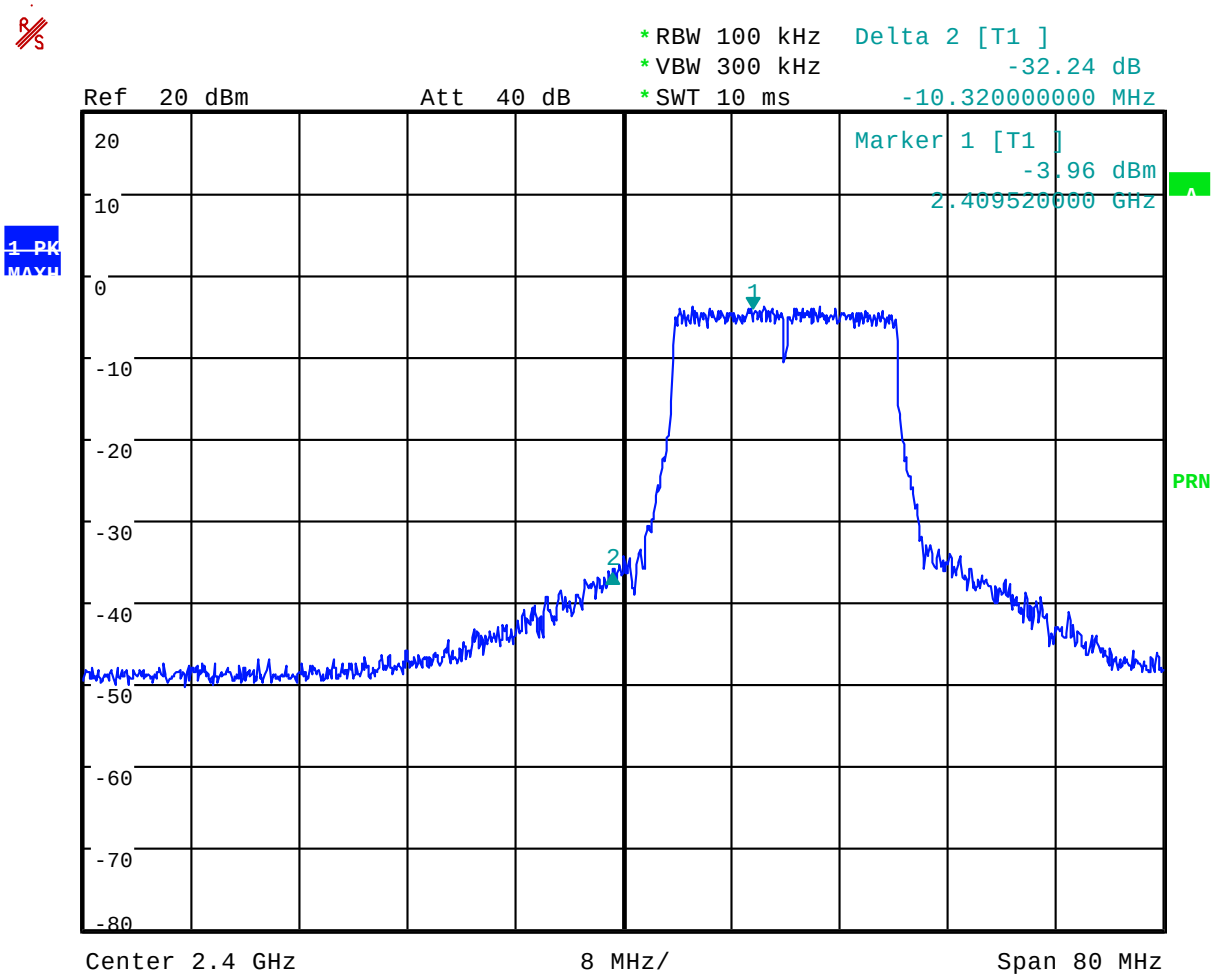
Date: 9.MAY.2012 22:10:50

802.11b Channel High 2462MHz



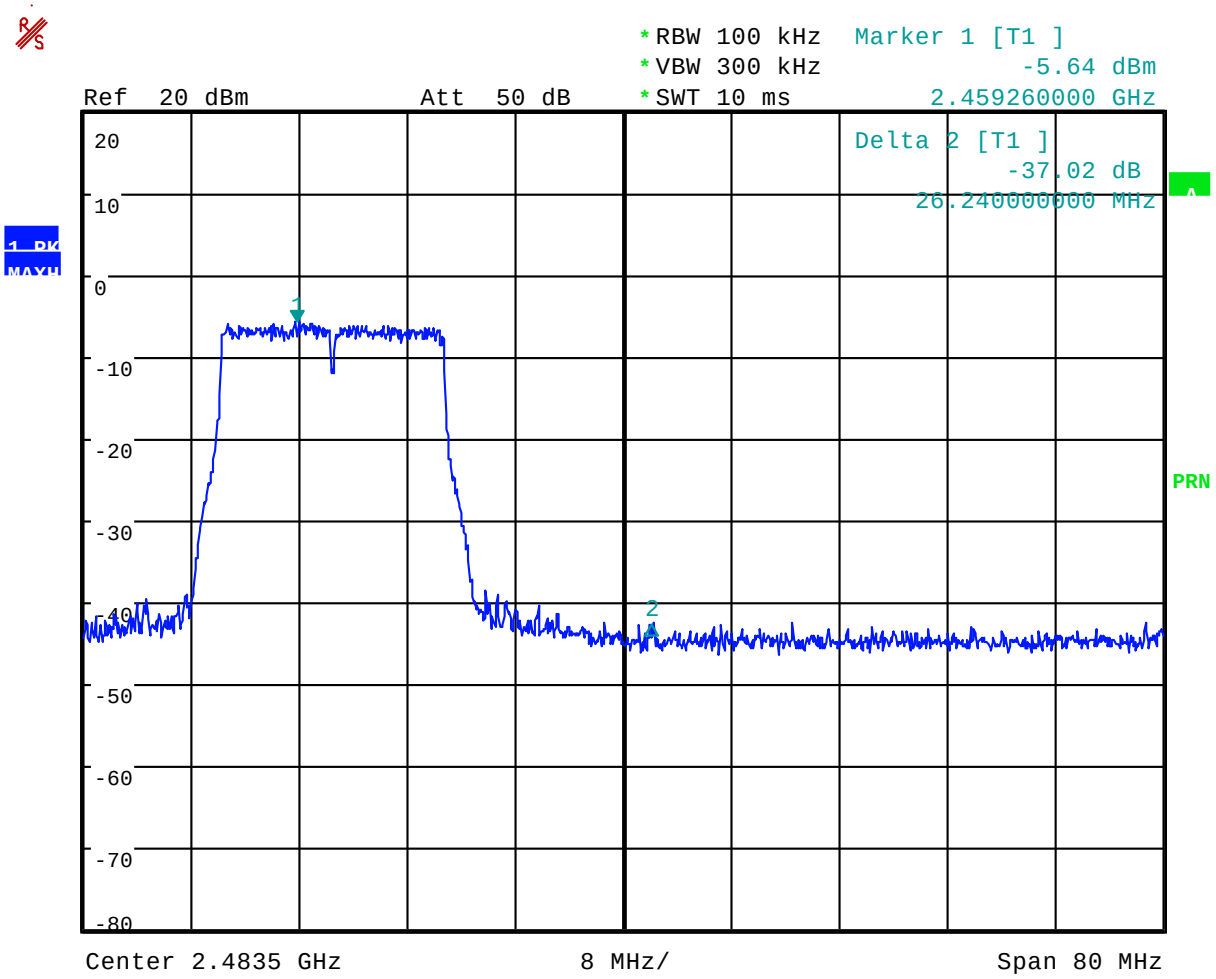
Date: 9.MAY.2012 22:15:42

802.11g Channel Low 2412MHz



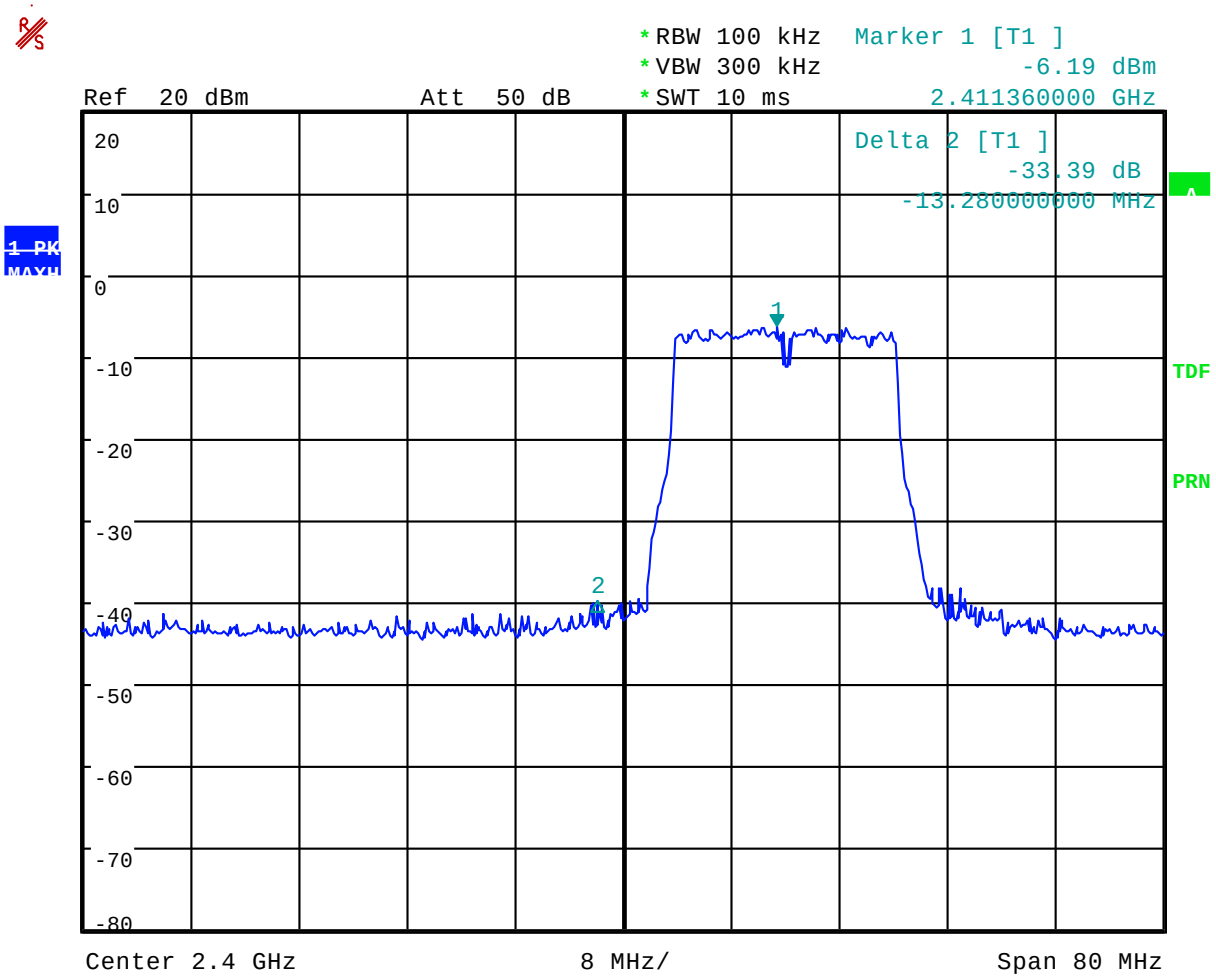
Comment A:
Date: 9.MAY.2012 17:04:35

802.11g Channel High 2462MHz



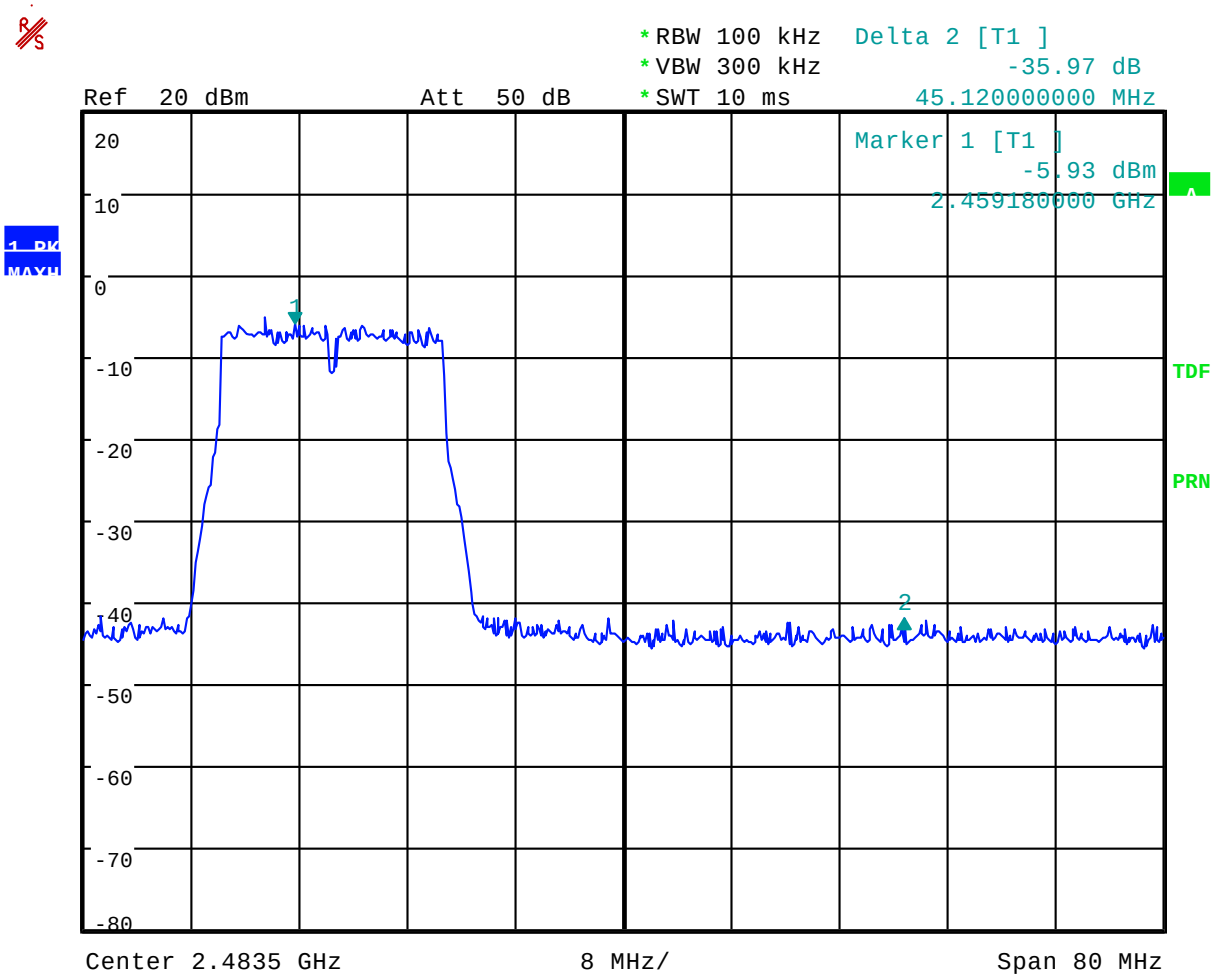
Comment A:
Date: 9.MAY.2012 17:05:38

802.11n Channel Low 2412MHz (20MHz)



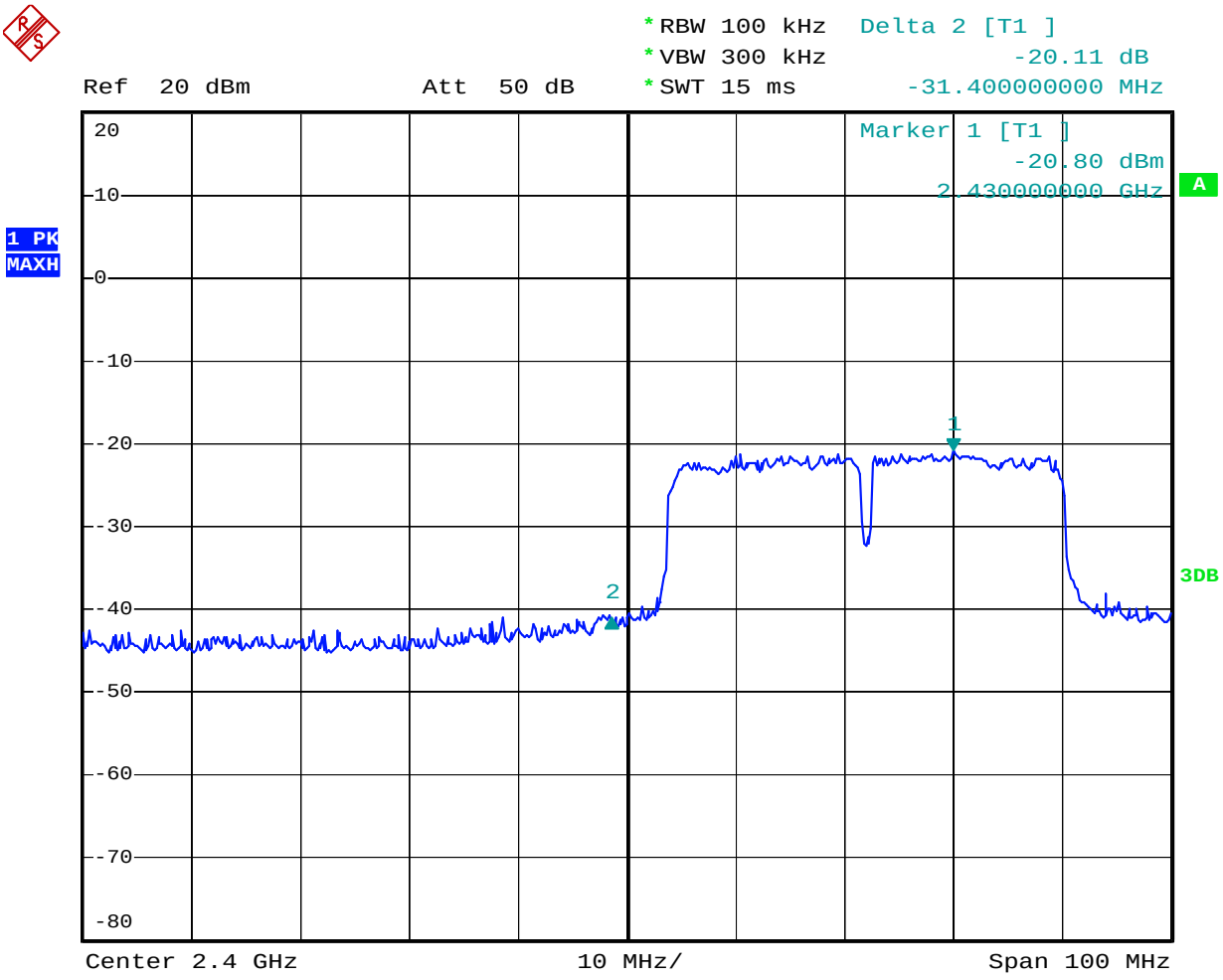
Comment A:
Date: 9.MAY.2012 18:18:06

802.11n Channel High 2462MHz (20MHz)



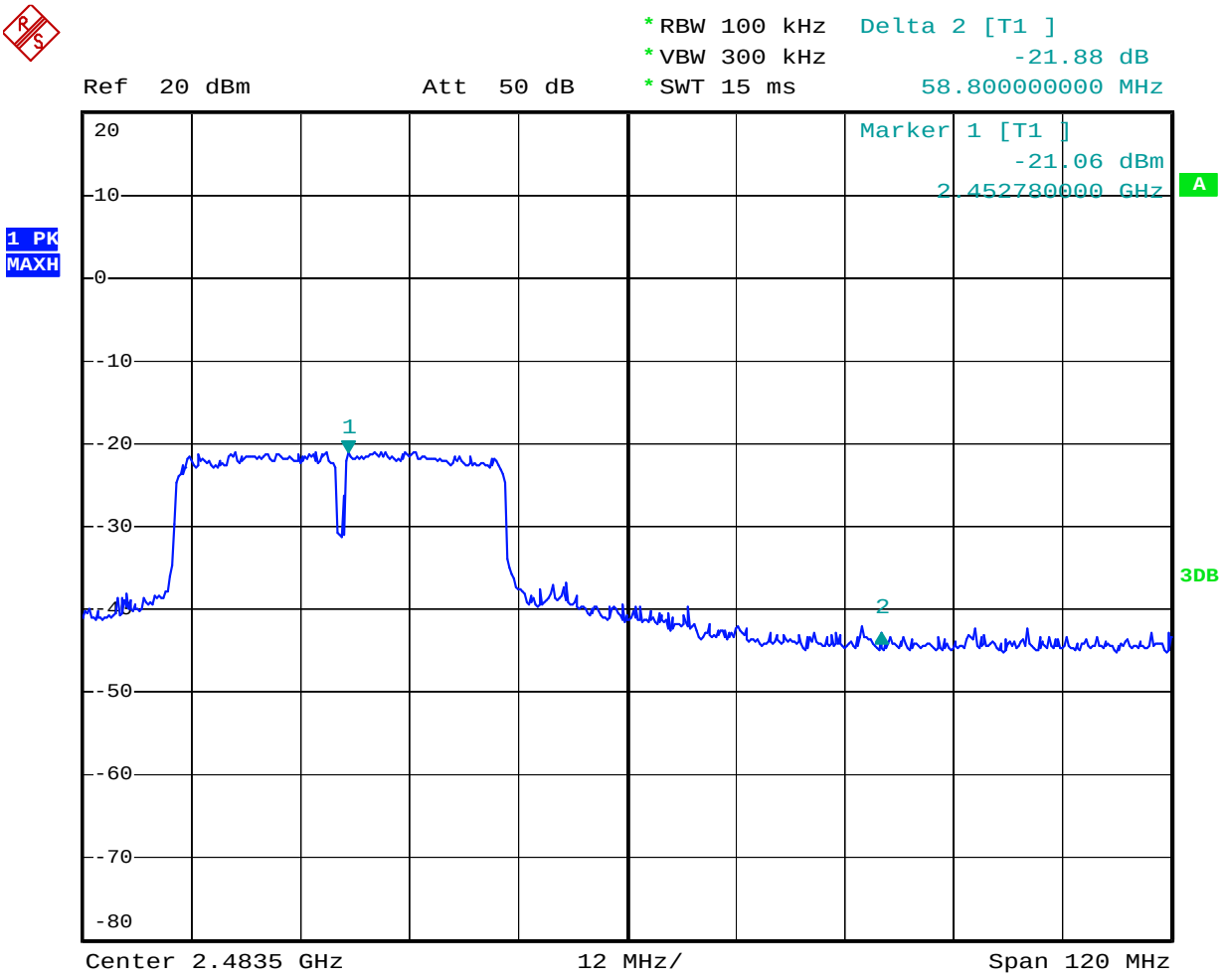
Comment A:
Date: 9 MAY.2012 18:19:11

802.11n Channel Low 2422MHz (40MHz)



Date: 9.MAY.2012 22:23:16

802.11n Channel High 2452MHz (40MHz)



Date: 9.MAY.2012 22:27:27

Radiated Band Edge Result

Date of Test:	May 12, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Pei

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2310.000	39.48	44.48	-7.81	31.67	36.67	54	74	-22.33	-37.33	Vertical
2437.603	36.68	41.68	-7.79	28.89	33.89	54	74	-25.11	-40.11	Vertical
2390.240	38.22	43.22	-7.53	30.69	35.69	54	74	-23.31	-38.31	Vertical
2310.646	40.23	45.15	-7.81	32.42	37.34	54	74	-21.58	-36.66	Horizontal
2379.368	38.22	43.03	-7.59	30.63	35.44	54	74	-23.37	-38.56	Horizontal
2390.382	39.75	45.48	-7.53	32.22	37.59	54	74	-21.78	-36.05	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	38.50	43.78	-7.37	31.13	36.41	54	74	-22.87	-37.59	Vertical
2487.824	39.22	44.19	-7.38	31.84	36.81	54	74	-22.16	-37.19	Vertical
2500.363	38.55	43.51	-7.40	31.15	36.11	54	74	-22.85	-37.89	Vertical
2483.500	36.50	42.63	-7.37	29.13	35.26	54	74	-24.87	-38.74	Horizontal
2487.824	36.44	41.71	-7.38	29.06	34.33	54	74	-24.94	-39.67	Horizontal
2500.045	37.21	42.78	-7.40	29.81	35.38	54	74	-24.19	-38.62	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Pei

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2310.373	43.14	48.07	-7.81	35.33	40.26	54	74	-18.57	-33.74	Vertical
2347.325	43.21	48.72	-7.80	35.41	40.92	54	74	-18.59	-33.08	Vertical
2390.382	38.33	44.67	-7.53	30.80	37.14	54	74	-23.20	-36.86	Vertical
2310.099	41.56	47.05	-7.81	33.75	39.24	54	74	-20.25	-34.76	Horizontal
2335.127	45.22	50.46	-7.80	37.42	42.66	54	74	-16.58	-31.34	Horizontal
2390.240	41.79	47.40	-7.53	34.26	39.87	54	74	-19.74	-34.13	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Pei

Frequency	Reading(dBμV/m)		Factor(dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
(MHz)	AV	PEAK	Corr.	AV	PEAK	AV	PEAK	AV	PEAK	
2483.079	38.86	44.17	-7.37	31.49	36.80	54	74	-22.51	-37.20	Vertical
2493.530	37.63	43.19	-7.39	30.24	35.80	54	74	-23.76	-38.20	Vertical
3500.045	35.42	41.17	-7.40	28.02	33.77	54	74	-25.98	-40.23	Vertical
2483.237	40.21	46.36	-7.37	32.84	38.99	54	74	-21.16	-35.01	Horizontal
2493.530	39.35	45.90	-7.39	31.96	38.51	54	74	-22.04	-35.49	Horizontal
2500.682	40.11	45.29	-7.40	32.71	37.89	54	74	-21.29	-36.11	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2412MHz (20MHz)	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2310.000	42.69	48.74	-7.81	34.88	40.93	54	74	-19.12	-33.07	Vertical
2379.650	40.97	46.05	-7.59	33.38	38.46	54	74	-20.62	-35.54	Vertical
2390.099	38.21	44.72	-7.53	30.68	37.19	54	74	-23.32	-36.81	Vertical
2310.000	41.23	46.89	-7.81	33.42	39.08	54	74	-20.58	-34.92	Horizontal
2379.086	41.84	47.00	-7.59	34.25	39.41	54	74	-19.75	-34.59	Horizontal
2390.240	42.31	47.40	-7.53	34.78	39.87	54	74	-19.22	-34.13	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2462MHz (20MHz)	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	38.33	43.42	-7.37	30.96	36.05	54	74	-23.04	-37.95	Vertical
2491.468	38.13	43.08	-7.39	30.74	35.69	54	74	-23.26	-38.31	Vertical
2500.682	35.94	41.98	-7.40	28.54	34.58	54	74	-25.46	-39.42	Vertical
2483.500	38.24	43.17	-7.37	30.87	35.80	54	74	-23.13	-38.20	Horizontal
2488.774	39.35	44.90	-7.39	31.96	37.51	54	74	-22.04	-36.49	Horizontal
2500.363	38.79	43.64	-7.40	31.39	36.24	54	74	-22.61	-37.76	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2422MHz (40MHz)	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2310.000	41.41	46.15	-7.81	33.60	38.34	54	74	-20.40	-35.66	Vertical
2328.529	46.13	51.01	-7.80	38.33	43.21	54	74	-15.67	-30.79	Vertical
2390.452	48.36	54.43	-7.52	40.84	46.91	54	74	-13.16	-27.09	Vertical
2310.000	39.88	44.08	-7.81	32.07	36.27	54	74	-21.93	-37.73	Horizontal
2334.834	38.64	43.28	-7.80	30.84	35.48	54	74	-23.16	-38.52	Horizontal
2390.452	44.89	49.37	-7.52	37.37	41.85	54	74	-16.63	-32.15	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:

   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

Date of Test:	May 7, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2452MHz (40MHz)	Test Engineer:	Pei

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	38.03	43.72	-7.37	30.66	36.35	54	74	-23.34	-37.65	Vertical
2492.369	40.52	45.13	-7.39	33.13	37.74	54	74	-20.87	-36.26	Vertical
2500.163	38.33	43.62	-7.40	30.93	36.22	54	74	-23.07	-37.78	Vertical
2483.500	41.32	47.03	-7.38	33.94	39.66	54	74	-20.06	-34.34	Horizontal
2489.426	42.27	48.76	-7.39	34.88	41.37	54	74	-19.12	-32.63	Horizontal
2500.374	40.45	45.33	-7.40	33.05	37.93	54	74	-20.95	-36.07	Horizontal

Note:

1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. The field strength is calculated by adding the antenna factor, high pass filter loss(if used) and cable loss, and subtracting the amplifier gain(if any)from the measured reading. The basic equation calculation is as follows:
   Result = Reading + Corrected Factor
3. Display the measurement of peak values.

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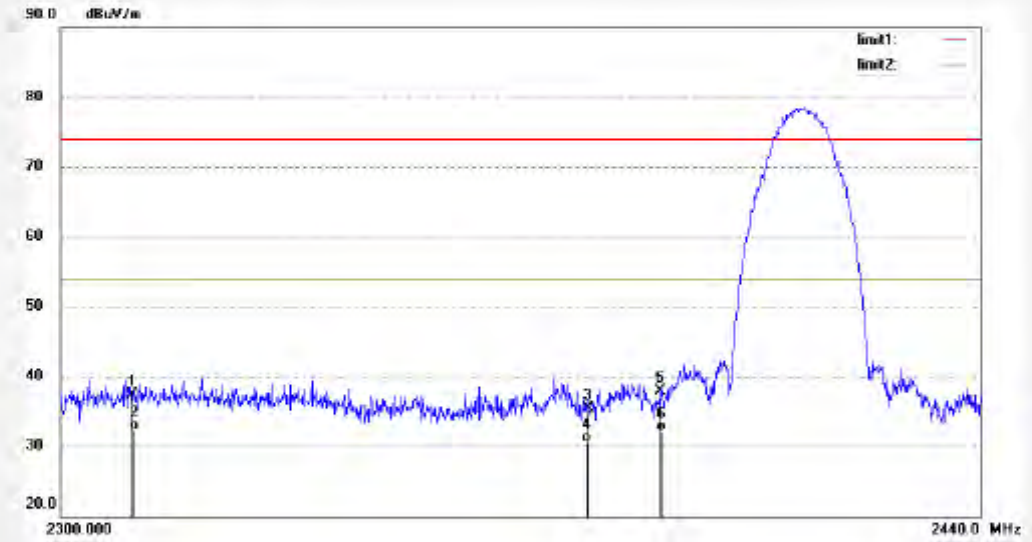
Fax:+86-0755-26503396

Job No.: Kevin #132
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 1 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 21:54:25
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.646	45.15	-7.81	37.34	74.00	-36.66	peak			
2	2310.646	40.23	-7.81	32.42	54.00	-21.58	AVG			
3	2379.368	43.03	-7.59	35.44	74.00	-38.56	peak			
4	2379.368	38.22	-7.59	30.63	54.00	-23.37	AVG			
5	2390.382	45.48	-7.53	37.95	74.00	-36.05	peak			
6	2390.382	39.75	-7.53	32.22	54.00	-21.78	AVG			

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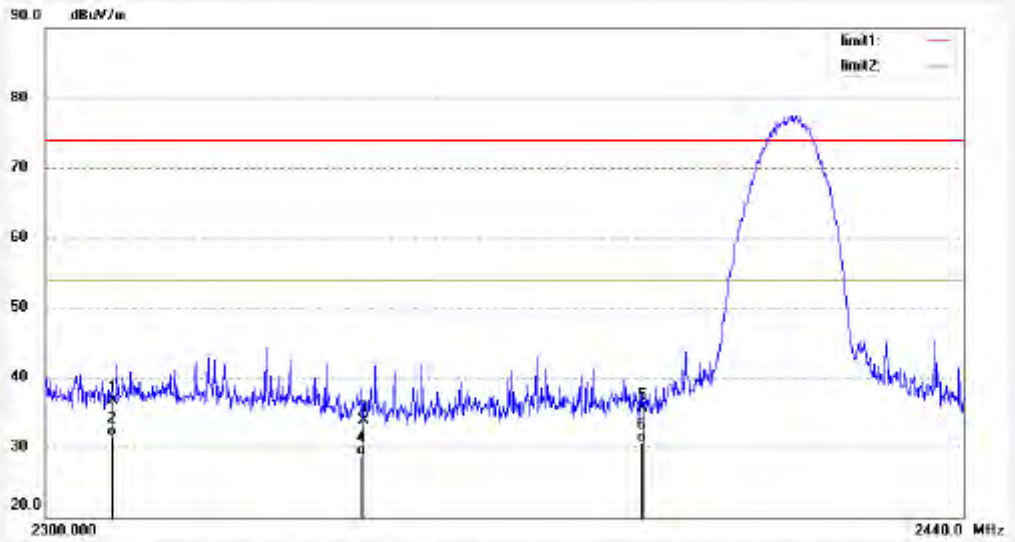
Job No.: Kevin #131
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 1 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 21:47:28
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	44.48	-7.81	36.67	74.00	-37.33	peak			
2	2310.000	39.48	-7.81	31.67	54.00	-22.33	AVG			
3	2347.603	41.68	-7.79	33.89	74.00	-40.11	peak			
4	2347.603	36.68	-7.79	28.89	54.00	-25.11	AVG			
5	2390.240	43.22	-7.53	35.69	74.00	-38.31	peak			
6	2390.240	38.22	-7.53	30.69	54.00	-23.31	AVG			

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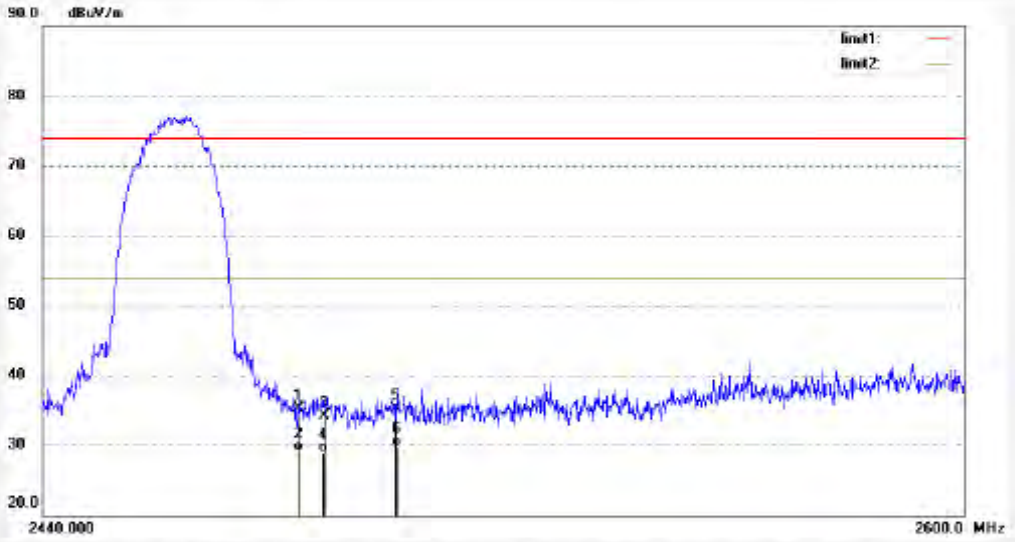
Job No.: Kevin #135
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 11 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:14:12
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	42.63	-7.37	35.26	74.00	-38.74	peak			
2	2483.500	36.50	-7.37	29.13	54.00	-24.87	AVG			
3	2487.824	41.71	-7.38	34.33	74.00	-39.67	peak			
4	2487.824	36.44	-7.38	29.06	54.00	-24.94	AVG			
5	2500.045	42.78	-7.40	35.38	74.00	-38.62	peak			
6	2500.045	37.21	-7.40	29.81	54.00	-24.19	AVG			

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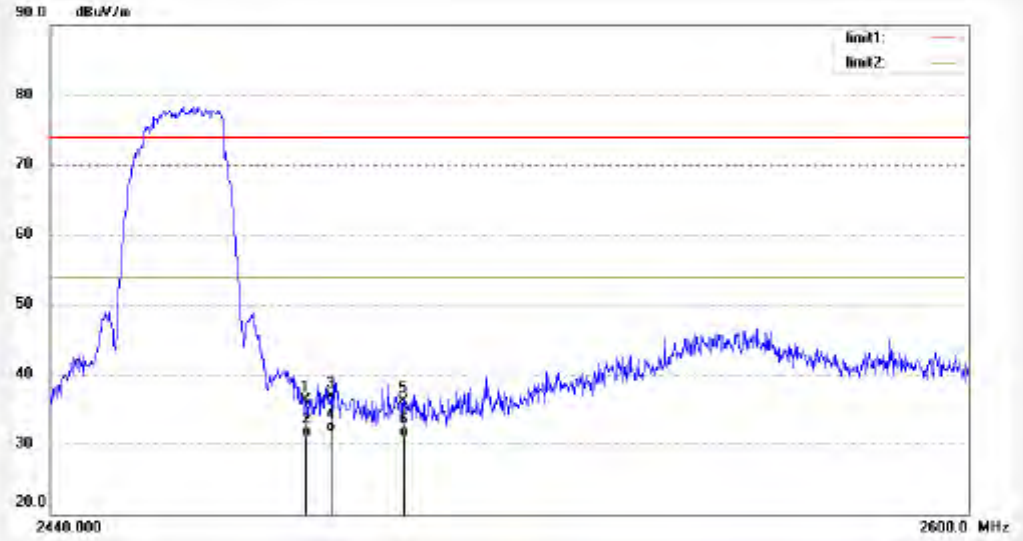
Job No.: Kevin #136
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 11 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:17:07
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	43.78	-7.37	36.41	74.00	-37.59	peak			
2	2483.500	38.50	-7.37	31.13	54.00	-22.87	AVG			
3	2487.824	44.19	-7.38	36.81	74.00	-37.19	peak			
4	2487.824	39.22	-7.38	31.84	54.00	-22.16	AVG			
5	2500.363	43.51	-7.40	36.11	74.00	-37.89	peak			
6	2500.363	38.55	-7.40	31.15	54.00	-22.85	AVG			

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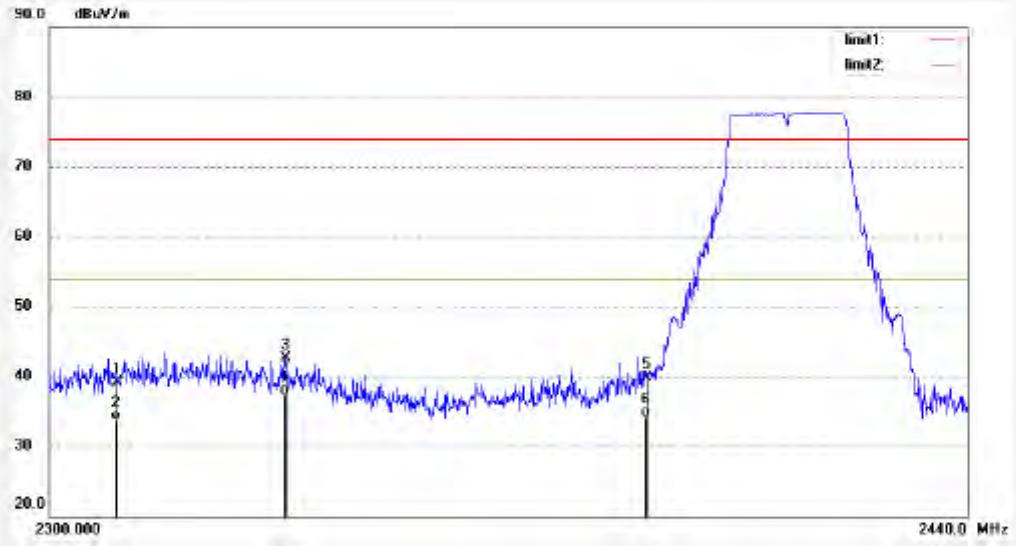
Job No.: Kevin #143
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 1 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 21:57:12
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.099	47.05	-7.81	39.24	74.00	-34.76	peak			
2	2310.099	41.56	-7.81	33.75	54.00	-20.25	AVG			
3	2335.127	50.46	-7.80	42.66	74.00	-31.34	peak			
4	2335.127	45.22	-7.80	37.42	54.00	-16.58	AVG			
5	2390.240	47.40	-7.53	39.87	74.00	-34.13	peak			
6	2390.240	41.79	-7.53	34.26	54.00	-19.74	AVG			

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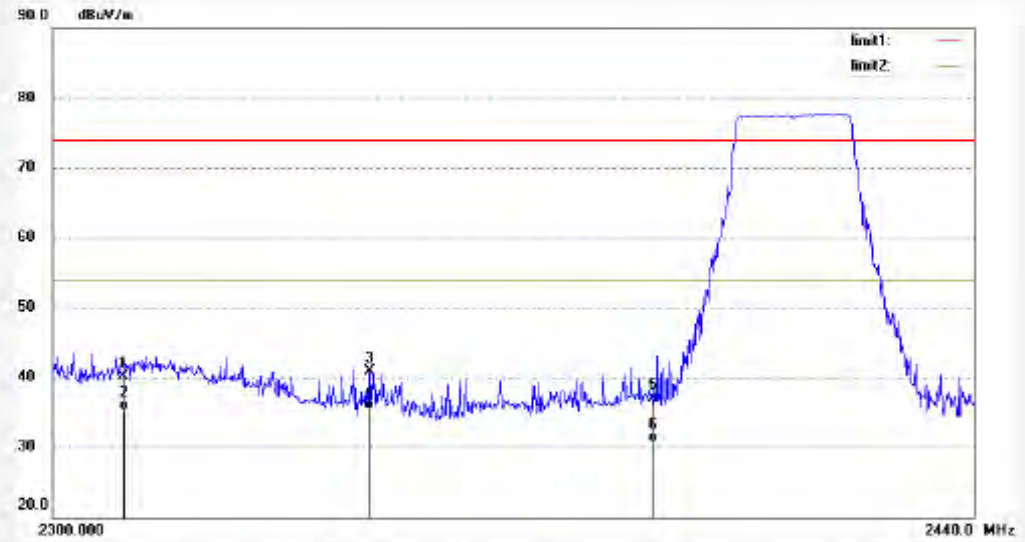
Job No.: Kevin #144
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 1 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 21:59:55
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.373	48.07	-7.81	40.26	74.00	-33.74	peak			
2	2310.373	43.14	-7.81	35.33	54.00	-18.67	AVG			
3	2347.325	48.72	-7.80	40.92	74.00	-33.08	peak			
4	2347.325	43.21	-7.80	35.41	54.00	-18.59	AVG			
5	2390.382	44.67	-7.53	37.14	74.00	-36.86	peak			
6	2390.382	38.33	-7.53	30.80	54.00	-23.20	AVG			

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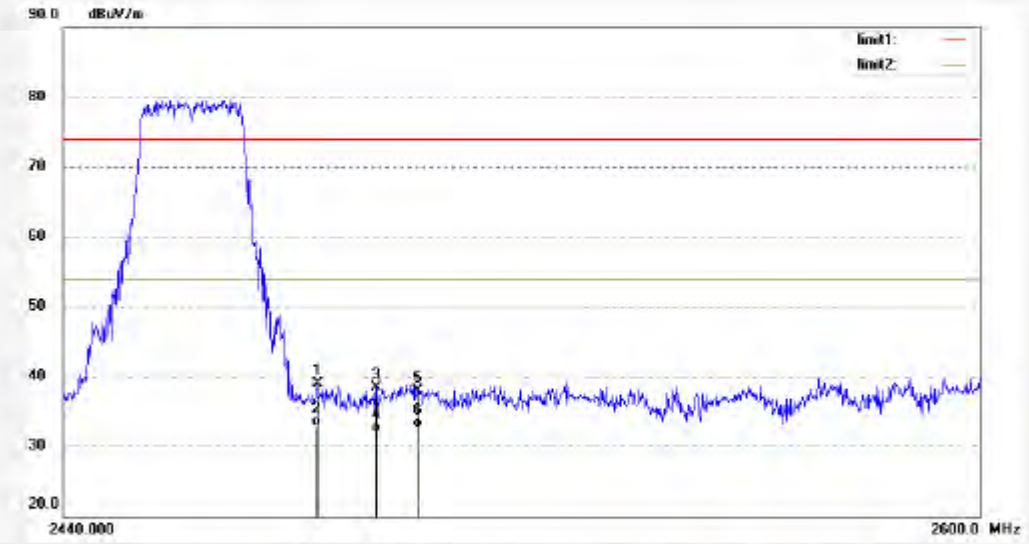
Job No.: Kevin #141
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 11 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:27:20
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.237	46.36	-7.37	38.99	74.00	-35.01	peak			
2	2483.237	40.21	-7.37	32.84	54.00	-21.16	AVG			
3	2493.530	45.90	-7.39	38.51	74.00	-35.49	peak			
4	2493.530	39.35	-7.39	31.96	54.00	-22.04	AVG			
5	2500.682	45.29	-7.40	37.89	74.00	-36.11	peak			
6	2500.682	40.11	-7.40	32.71	54.00	-21.29	AVG			

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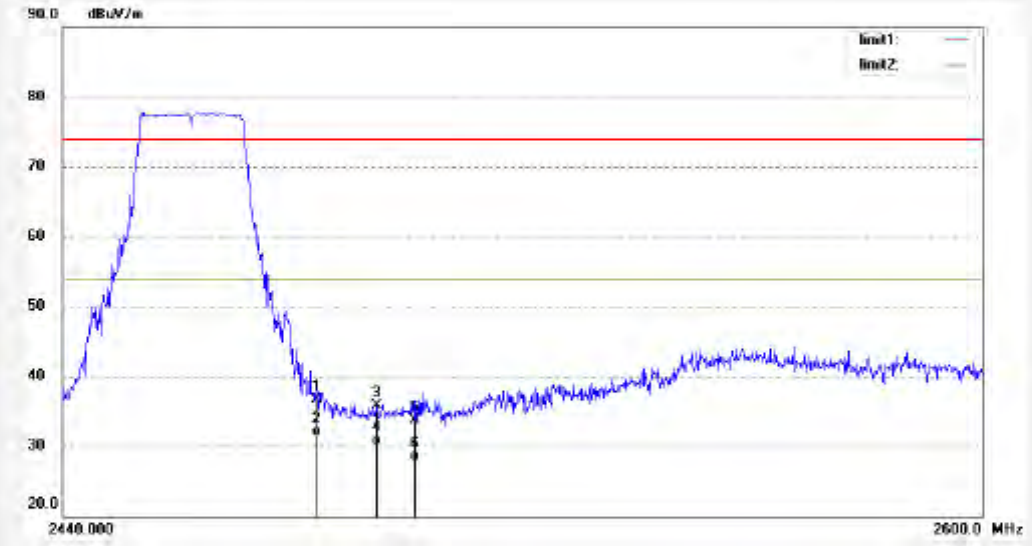
Job No.: Kevin #142
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 11 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:24:52
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.079	44.17	-7.37	36.80	74.00	-37.20	peak			
2	2483.079	38.86	-7.37	31.49	54.00	-22.51	AVG			
3	2493.530	43.19	-7.39	35.80	74.00	-38.20	peak			
4	2493.530	37.63	-7.39	30.24	54.00	-23.76	AVG			
5	2500.045	41.17	-7.40	33.77	74.00	-40.23	peak			
6	2500.045	35.42	-7.40	28.02	54.00	-25.98	AVG			

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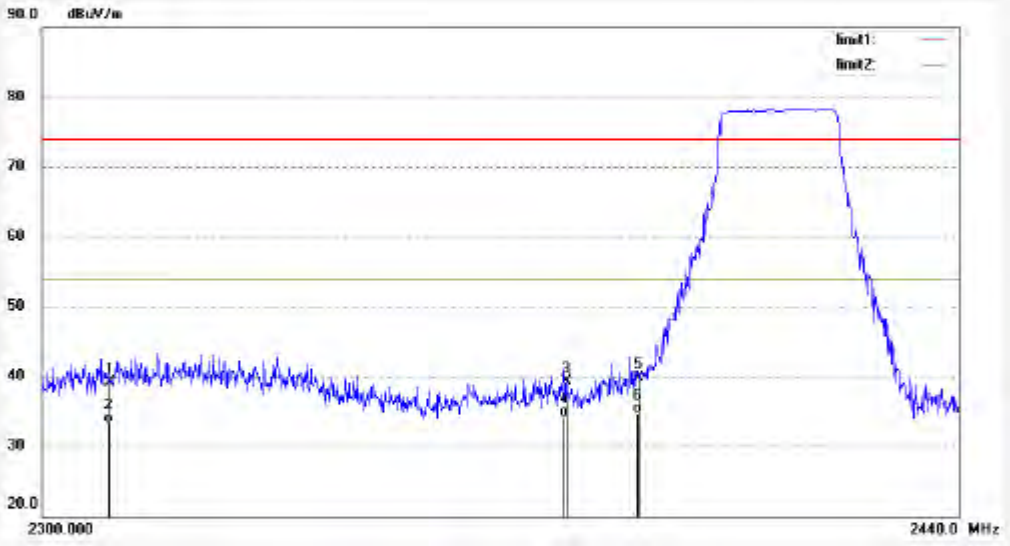
Job No.: Kevin #133
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 1 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 21:57:12
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	46.89	-7.81	39.08	74.00	-34.92	peak			
2	2310.000	41.23	-7.81	33.42	54.00	-20.58	AVG			
3	2379.086	47.00	-7.59	39.41	74.00	-34.59	peak			
4	2379.086	41.84	-7.59	34.25	54.00	-19.75	AVG			
5	2390.240	47.40	-7.53	39.87	74.00	-34.13	peak			
6	2390.240	42.31	-7.53	34.78	54.00	-19.22	AVG			

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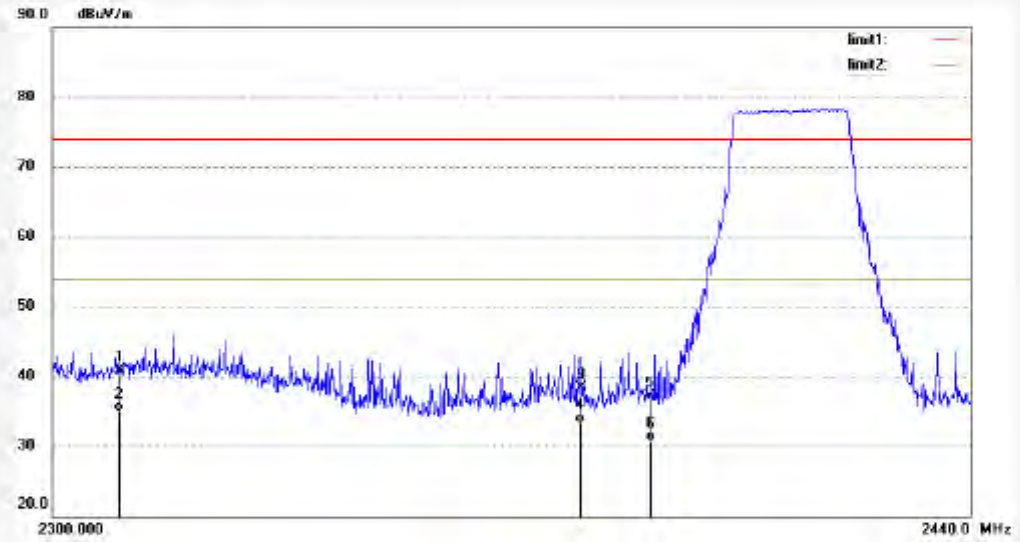
Job No.: Kevin #134
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 1 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 21:59:55
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	48.74	-7.81	40.93	74.00	-33.07	peak			
2	2310.000	42.69	-7.81	34.88	54.00	-19.12	AVG			
3	2379.650	46.05	-7.59	38.46	74.00	-35.54	peak			
4	2379.650	40.97	-7.59	33.38	54.00	-20.62	AVG			
5	2390.099	44.72	-7.53	37.19	74.00	-36.81	peak			
6	2390.099	38.21	-7.53	30.68	54.00	-23.32	AVG			

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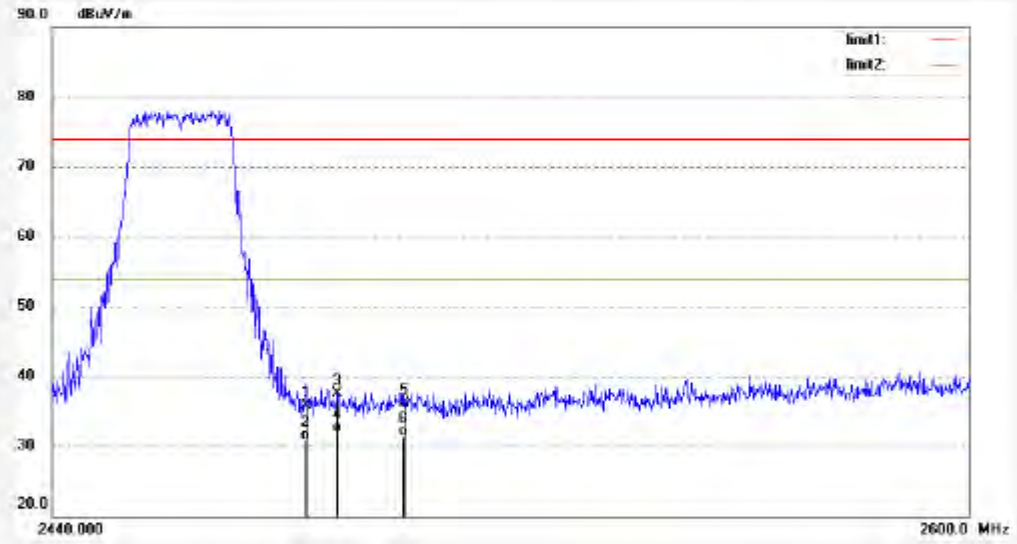
Job No.: Kevin #138
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 11 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:27:20
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	43.17	-7.37	35.80	74.00	-38.20	peak			
2	2483.500	38.24	-7.37	30.87	54.00	-23.13	AVG			
3	2488.774	44.90	-7.39	37.51	74.00	-36.49	peak			
4	2488.774	39.35	-7.39	31.96	54.00	-22.04	AVG			
5	2500.363	43.64	-7.40	36.24	74.00	-37.76	peak			
6	2500.363	38.79	-7.40	31.39	54.00	-22.61	AVG			

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Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
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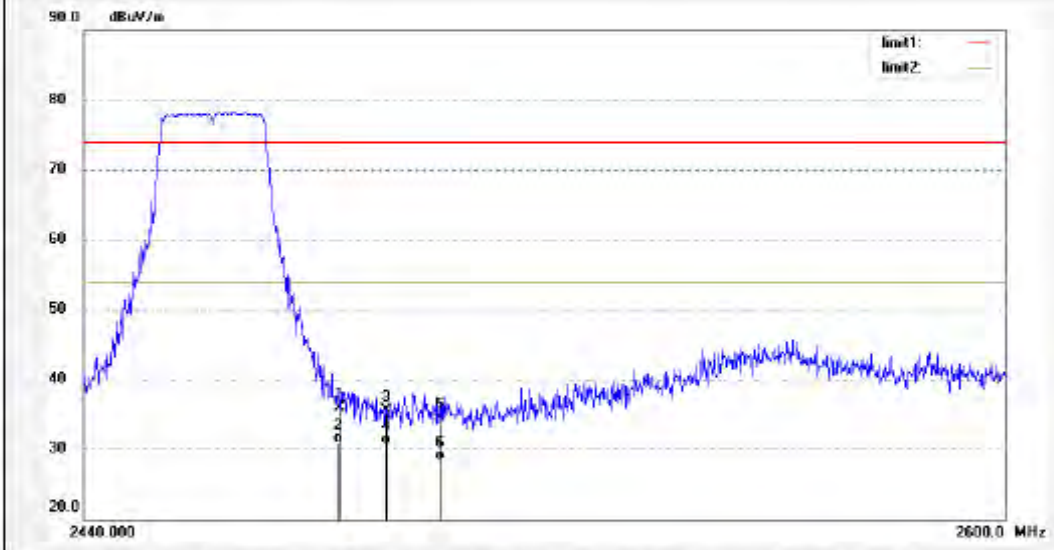
Fax:+86-0755-26503396

Job No.: Kevin #137
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 11 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:24:52
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	43.42	-7.37	36.05	74.00	-37.95	peak			
2	2483.500	38.33	-7.37	30.96	54.00	-23.04	AVG			
3	2491.468	43.08	-7.39	35.69	74.00	-38.31	peak			
4	2491.468	38.13	-7.39	30.74	54.00	-23.26	AVG			
5	2500.682	41.98	-7.40	34.58	74.00	-39.42	peak			
6	2500.682	35.94	-7.40	28.54	54.00	-25.46	AVG			

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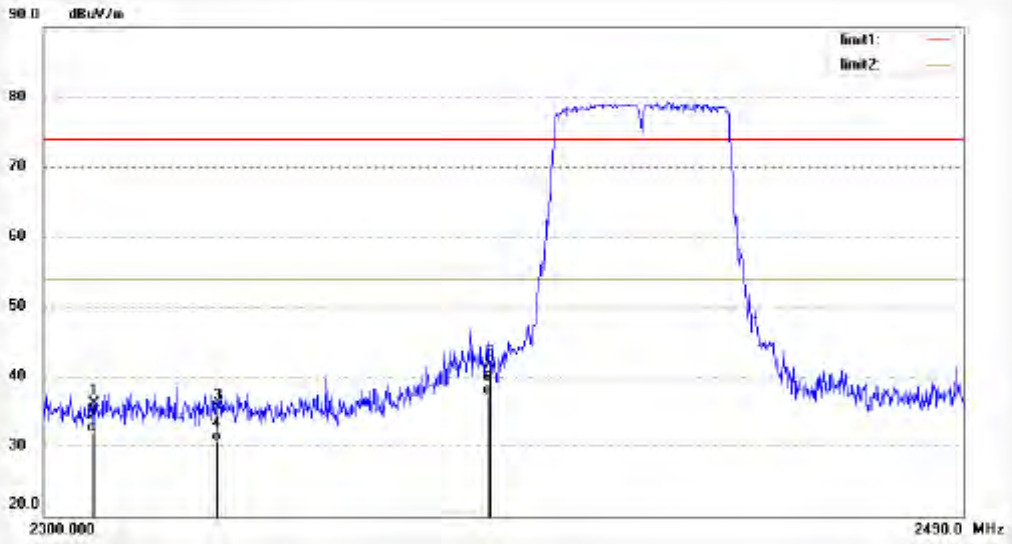
Fax:+86-0755-26503396

Job No.: Kevin #139
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 3 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:32:17
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	44.08	-7.81	36.27	74.00	-37.73	peak			
2	2310.000	39.88	-7.81	32.07	54.00	-21.93	AVG			
3	2334.834	43.28	-7.80	35.48	74.00	-38.52	peak			
4	2334.834	38.64	-7.80	30.84	54.00	-23.16	AVG			
5	2390.452	49.37	-7.52	41.85	74.00	-32.15	peak			
6	2390.452	44.89	-7.52	37.37	54.00	-16.63	AVG			

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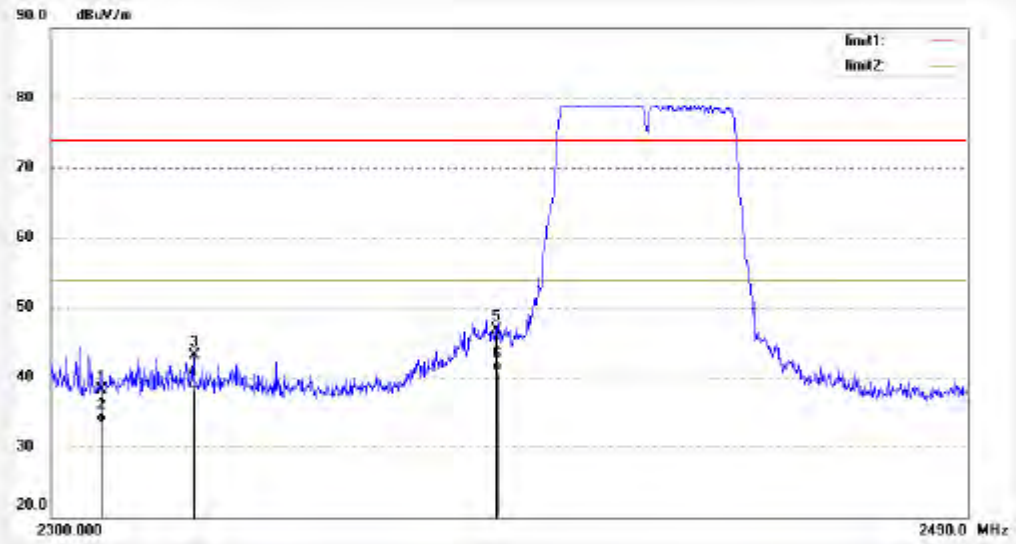
Job No.: Kevin #140	Polarization: Vertical
Standard: FCC 15C PK	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 22:36:07
EUT: MID	Engineer Signature: Kevin
Mode: Channel 3 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2310.000	46.15	-7.81	38.34	74.00	-35.66	peak			
2	2310.000	41.41	-7.81	33.60	54.00	-20.40	AVG			
3	2328.529	51.01	-7.80	43.21	74.00	-30.79	peak			
4	2328.529	46.13	-7.80	38.33	54.00	-15.67	AVG			
5	2390.452	54.43	-7.52	46.91	74.00	-27.09	peak			
6	2390.452	48.36	-7.52	40.84	54.00	-13.16	AVG			

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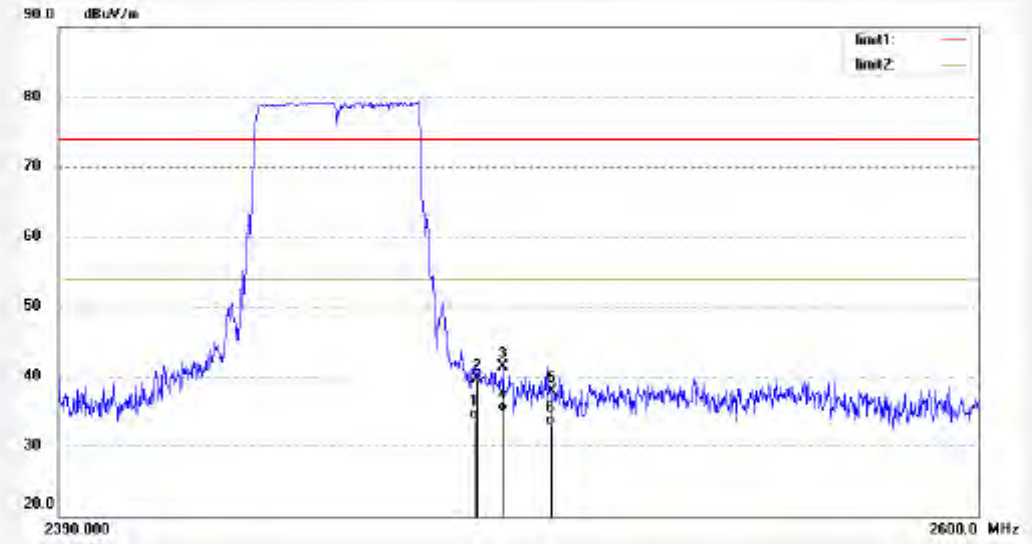
Job No.: Kevin #142
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 9 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:42:34
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2482.500	41.32	-7.38	33.94	54.00	-20.06	AVG			
2	2483.500	47.03	-7.38	39.66	74.00	-34.34	peak			
3	2489.426	48.76	-7.39	41.37	74.00	-32.63	peak			
4	2489.426	42.27	-7.39	34.88	54.00	-19.12	AVG			
5	2500.374	45.33	-7.40	37.93	74.00	-36.07	peak			
6	2500.374	40.45	-7.40	33.05	54.00	-20.95	AVG			

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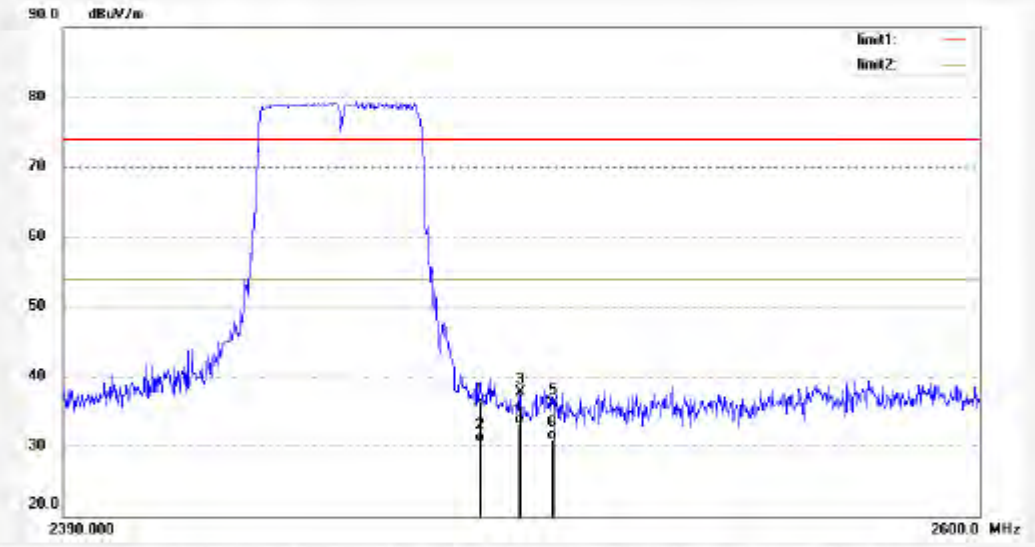
Job No.: Kevin #141
Standard: FCC 15C PK
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: Channel 9 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 22:39:40
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861

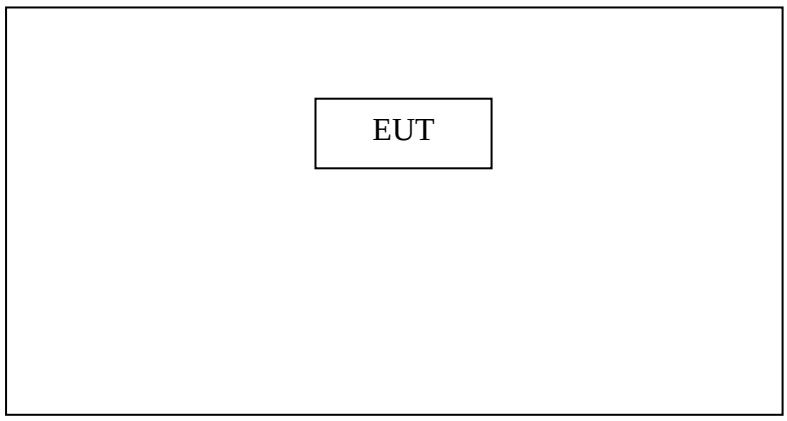


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	43.72	-7.37	36.35	74.00	-37.65	peak			
2	2483.500	38.03	-7.37	30.66	54.00	-23.34	AVG			
3	2492.369	45.13	-7.39	37.74	74.00	-36.26	peak			
4	2492.369	40.52	-7.39	33.13	54.00	-20.87	AVG			
5	2500.163	43.62	-7.40	36.22	74.00	-37.78	peak			
6	2500.163	38.33	-7.40	30.93	54.00	-23.07	AVG			

9. RADIATED SPURIOUS EMISSION TEST

9.1.Block Diagram of Test Setup

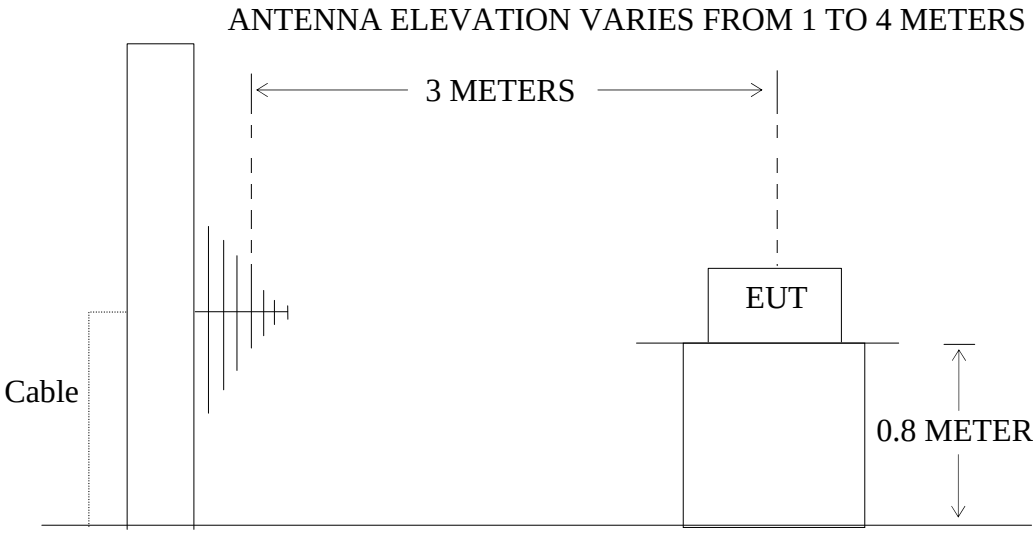
9.1.1.Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: MID)

9.1.2.Semi-Anechoic Chamber Test Setup Diagram



(EUT: MID)

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.MID (EUT)

Model Number	**:**	M700XX
Serial Number	**:**	N/A
Manufacturer	**:**	Shenzhen Sungworld Electronics Co., Ltd.

9.5.Operating Condition of EUT

9.5.1.Setup the EUT and simulator as shown as Section 9.1.

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 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz 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 and 300Mbps for 802.11n mode, based on previous with 802.11 WLAN product design architectures.

The bandwidth of test receiver is set at 9kHz in below 30MHz. and set at 120kHz in 30-1000MHz, and 1MHz in above 1000MHz.

The frequency range from 9kHz to 25GHz 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:	May 14, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
98.7215	24.50	13.94	38.44	43.50	-5.06	Vertical
130.3048	23.69	14.89	38.58	43.50	-4.92	Vertical
228.6173	23.43	16.69	40.12	46.00	-5.88	Vertical
50.2843	18.46	14.38	32.84	40.00	-7.16	Horizontal
139.3006	22.12	14.52	36.64	43.50	-6.86	Horizontal
986.0439	12.89	29.85	42.74	54.00	-11.26	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 14, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m) QP	Factor(dB) Corr.	Result (dBμV/m) QP	Limit (dBμV/m) QP	Margin (dB) QP	Polarization
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m) QP	Factor Corr. (dB)	Result (dBμV/m) QP	Limit (dBμV/m) QP	Margin (dB) QP	Polarization
118.0956	25.07	14.52	39.59	43.50	-3.91	Vertical
228.6173	21.93	16.69	38.62	46.00	-7.38	Vertical
424.2998	13.96	23.10	37.06	46.00	-8.94	Vertical
140.2829	24.37	14.49	38.86	43.50	-4.64	Horizontal
468.1650	12.09	23.55	35.64	46.00	-10.36	Horizontal
512.9477	13.58	24.09	37.67	46.00	-8.33	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 14, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
119.7672	25.87	14.65	40.52	43.50	-2.98	Vertical
195.8701	20.90	16.14	37.04	43.50	-6.46	Vertical
424.2998	14.96	23.10	38.06	46.00	-7.94	Vertical
133.0809	21.25	14.76	36.01	43.50	-7.49	Horizontal
468.1650	12.59	23.55	36.14	46.00	-9.86	Horizontal
986.0439	13.89	29.85	43.74	54.00	-10.26	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 14, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
98.7215	25.50	13.94	39.44	43.50	-4.06	Vertical
228.6173	24.43	16.69	41.12	46.00	-4.88	Vertical
259.4433	23.12	18.52	41.64	46.00	-4.36	Vertical
130.7632	20.08	14.88	34.96	43.50	-8.54	Horizontal
646.8215	10.14	26.05	36.19	46.00	-9.81	Horizontal
986.0439	12.39	29.85	42.24	54.00	-11.76	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 14, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
109.3110	25.91	14.06	39.97	43.50	-3.53	Vertical
228.6173	21.43	16.69	38.12	46.00	-7.88	Vertical
294.4259	20.10	18.60	38.70	46.00	-7.30	Vertical
128.9385	20.95	14.94	35.89	43.50	-7.61	Horizontal
646.8215	11.64	26.05	37.69	46.00	-8.31	Horizontal
986.0439	11.89	29.85	41.74	54.00	-12.26	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 14, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
109.3110	25.41	14.06	39.47	43.50	-4.03	Vertical
130.3048	24.69	14.89	39.58	43.50	-3.92	Vertical
162.0197	25.07	14.62	39.69	43.50	-3.81	Vertical
126.2485	24.61	15.02	39.63	43.50	-3.87	Horizontal
512.9477	12.08	24.09	36.17	46.00	-9.83	Horizontal
982.5855	14.01	29.85	43.86	54.00	-10.14	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 7-13, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2412MHz (20MHz)	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
130.3048	25.69	14.89	40.58	43.50	-2.92	Vertical
294.4259	24.10	18.60	42.70	46.00	-3.30	Vertical
424.2998	18.96	23.10	42.06	46.00	-3.94	Vertical
130.7632	21.08	14.88	35.96	43.50	-7.54	Horizontal
468.1650	13.59	23.55	37.14	46.00	-8.86	Horizontal
986.0439	12.89	29.85	42.74	64.00	-11.26	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 7-13, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Middle 2437MHz (20MHz)	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
118.0956	23.07	14.52	37.59	43.50	-5.91	Vertical
259.4433	19.62	18.52	38.14	46.00	-7.86	Vertical
294.4259	20.60	18.60	39.20	46.00	-6.80	Vertical
140.2829	22.37	14.49	38.86	43.50	-6.64	Horizontal
468.1650	12.59	23.55	36.14	46.00	-9.86	Horizontal
512.9477	13.58	24.09	37.36	46.00	-8.33	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 7-13, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2462MHz (20MHz)	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
130.3048	23.69	14.89	38.58	43.50	-4.92	Vertical
294.4259	19.60	18.60	38.20	46.00	-7.80	Vertical
424.2998	16.96	23.10	40.06	46.00	-5.94	Vertical
140.2829	20.87	14.49	35.36	43.50	-8.14	Horizontal
644.5529	12.93	26.08	39.01	46.00	-6.99	Horizontal
841.8396	13.55	28.36	41.91	46.00	-4.09	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 7-13, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2422MHz (40MHz)	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
119.7672	23.87	14.65	38.52	43.50	-4.98	Vertical
195.8701	22.90	16.14	39.04	43.50	-4.46	Vertical
294.4259	18.10	18.60	36.70	46.00	-9.30	Vertical
51.3556	17.10	14.09	31.19	40.00	-8.81	Horizontal
142.2684	21.71	14.48	36.19	43.50	-7.31	Horizontal
982.5855	13.51	29.85	43.36	54.00	-10.64	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 7-13, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Middle 2437MHz (40MHz)	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
109.3110	25.91	14.06	39.97	43.50	-3.53	Vertical
162.0197	23.07	14.62	37.69	43.50	-5.81	Vertical
228.6173	22.43	16.69	39.12	46.00	-6.88	Vertical
52.0825	17.42	13.88	31.30	40.00	-8.70	Horizontal
130.7632	20.08	14.88	34.96	43.50	-8.54	Horizontal
982.5855	13.01	29.85	42.86	54.00	-11.14	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	May 7-13, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2452MHz (40MHz)	Test Engineer:	Pei

For Below 30MHz

Frequency (MHz)	Reading (dBμV/m)	Factor(dB) Corr.	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
-	-	-	-	-	-	X
-	-	-	-	-	-	Y
-	-	-	-	-	-	Z

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	
138.0192	22.69	14.57	37.26	43.50	-6.24	Vertical
411.0923	10.78	22.90	33.68	46.00	-12.32	Vertical
468.1650	13.59	23.55	37.14	46.00	-8.86	Vertical
109.3110	25.41	14.06	39.47	43.50	-4.03	Horizontal
228.6173	20.93	16.69	37.62	46.00	-8.38	Horizontal
294.4259	19.10	18.60	37.70	46.00	-8.30	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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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Site: 966 chamber
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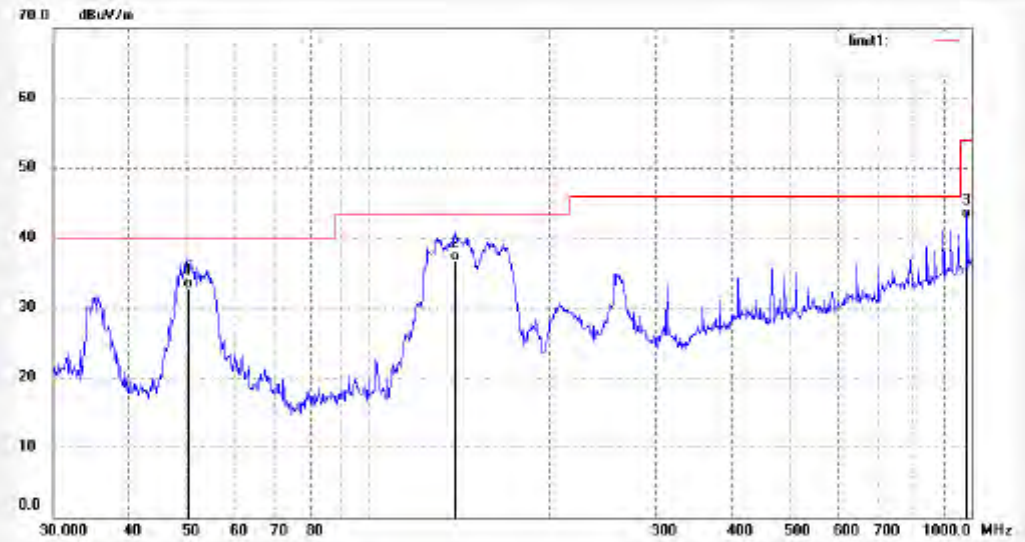
Fax:+86-0755-26503396

Job No.: Kevin #108	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 18:22:13
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	50.2843	18.46	14.38	32.84	40.00	-7.16	QP			
2	139.3006	22.12	14.52	36.64	43.50	-6.86	QP			
3	986.0439	12.89	29.85	42.74	54.00	-11.26	QP			

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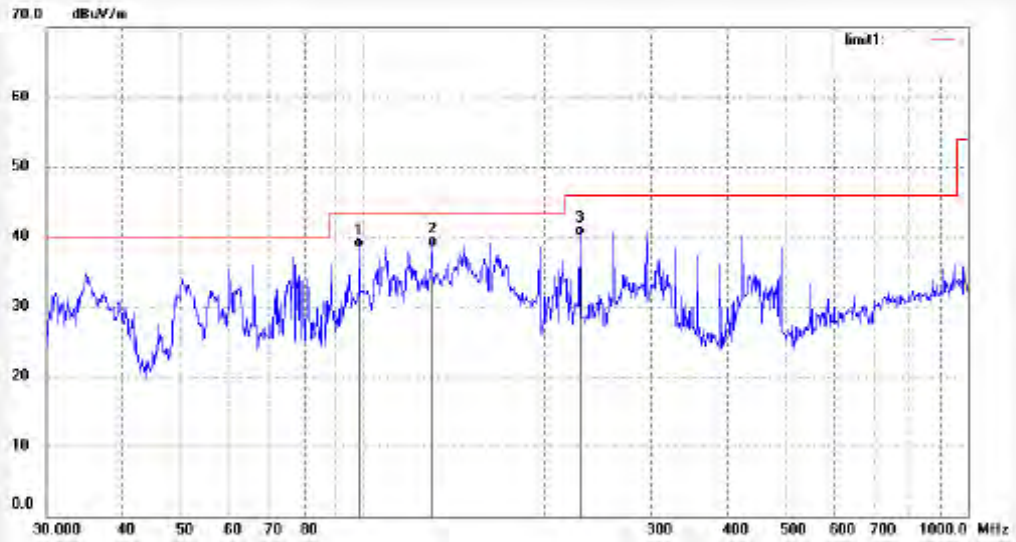
Job No.: Kevin #107
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 1 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:18:41
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	98.7215	24.50	13.94	38.44	43.50	-5.06	QP			
2	130.3048	23.69	14.89	38.58	43.50	-4.92	QP			
3	228.6173	23.43	16.69	40.12	46.00	-5.88	QP			

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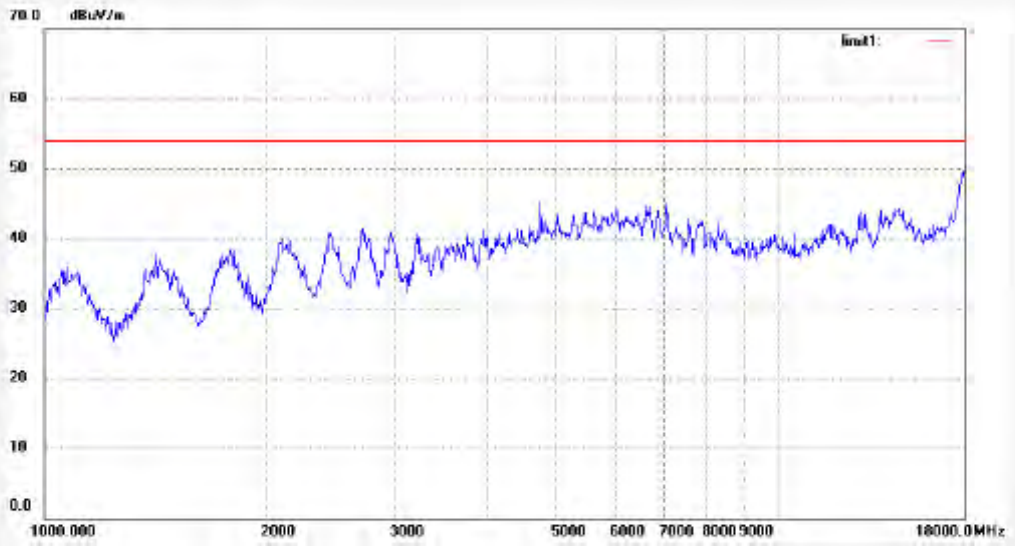
Job No.: Kevin #60	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 21:58:22
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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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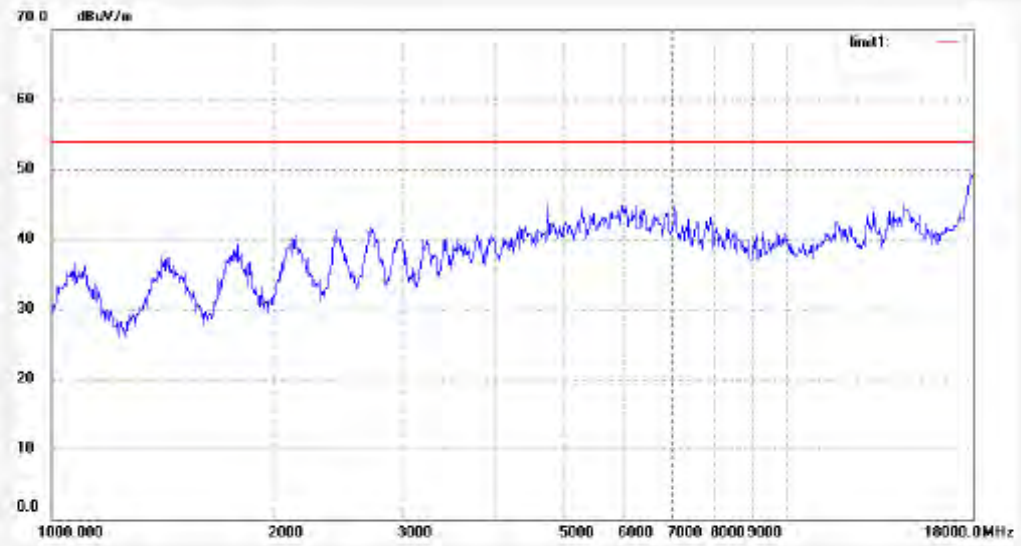
Job No.: Kevin #59	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 21:56:42
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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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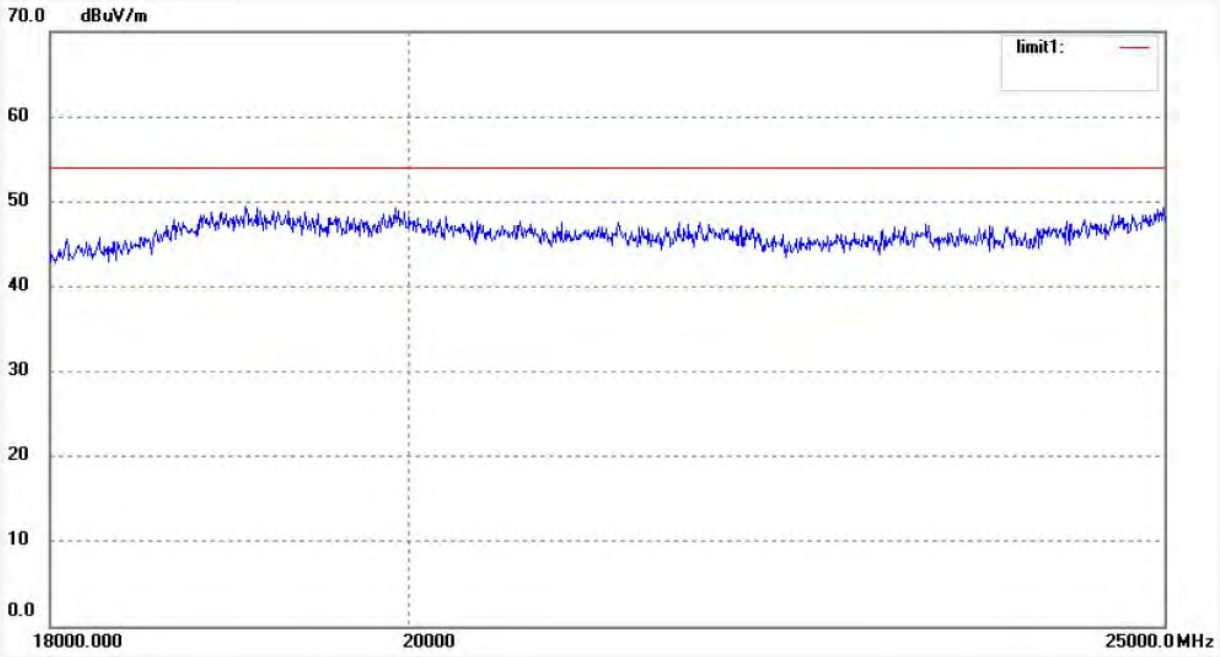
Job No.: Kevin #83	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:05:23
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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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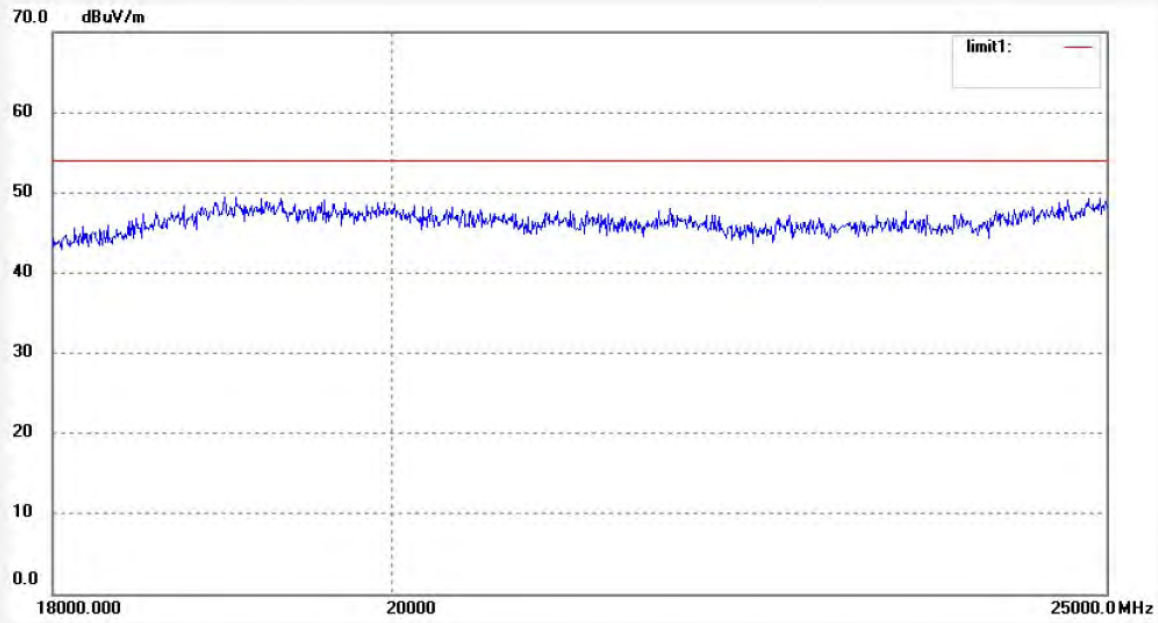
Job No.: Kevin #84	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:09:31
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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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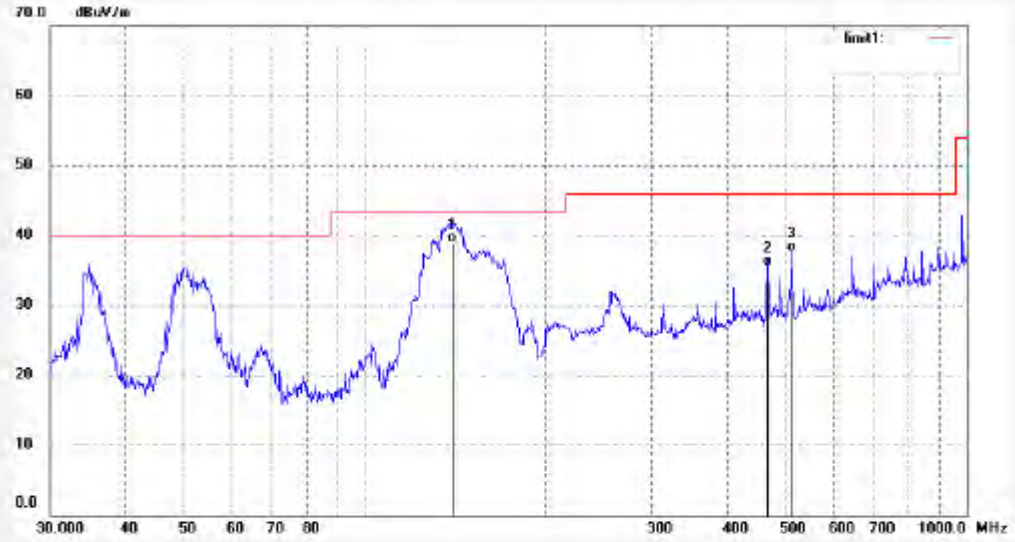
Job No.: Kevin #114
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:45:07
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.2829	24.37	14.49	38.86	43.50	-4.64	QP			
2	468.1650	12.09	23.55	35.64	46.00	-10.36	QP			
3	512.9477	13.58	24.09	37.67	46.00	-8.33	QP			

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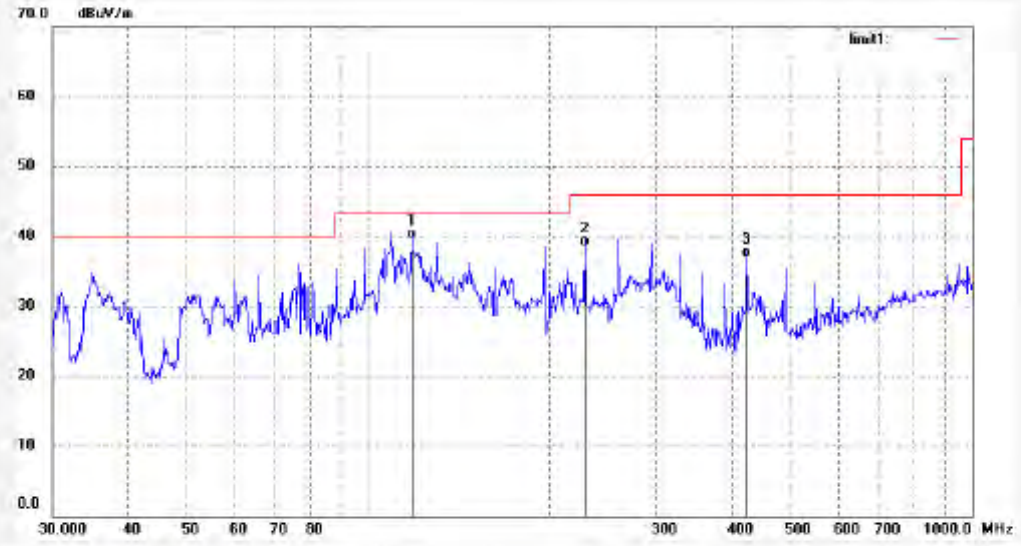
Fax:+86-0755-26503396

Job No.: Kevin #113
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:40:44
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	118.0956	25.07	14.52	39.59	43.50	-3.91	QP			
2	228.6173	21.93	16.69	38.62	46.00	-7.38	QP			
3	424.2998	13.96	23.10	37.06	46.00	-8.94	QP			

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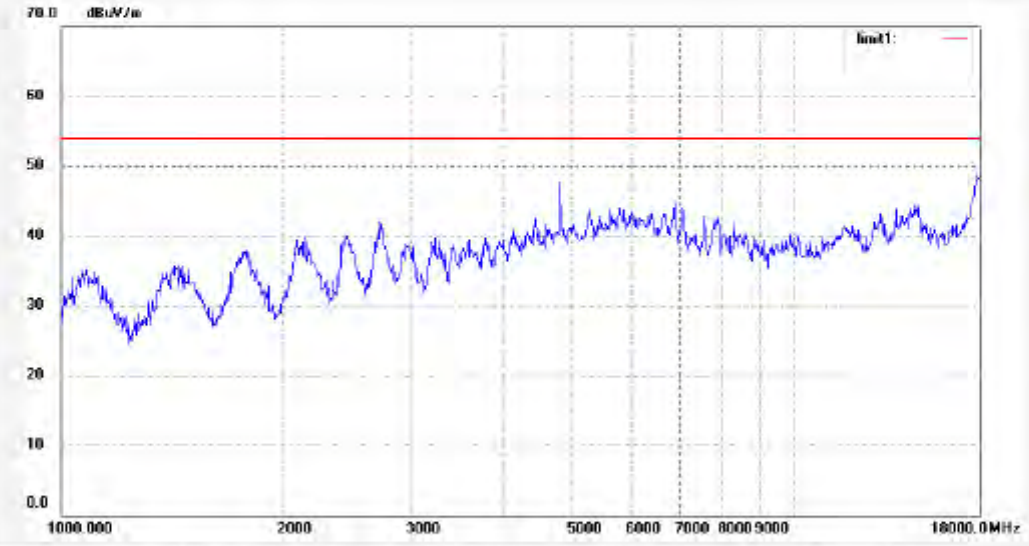
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #70	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:23:07
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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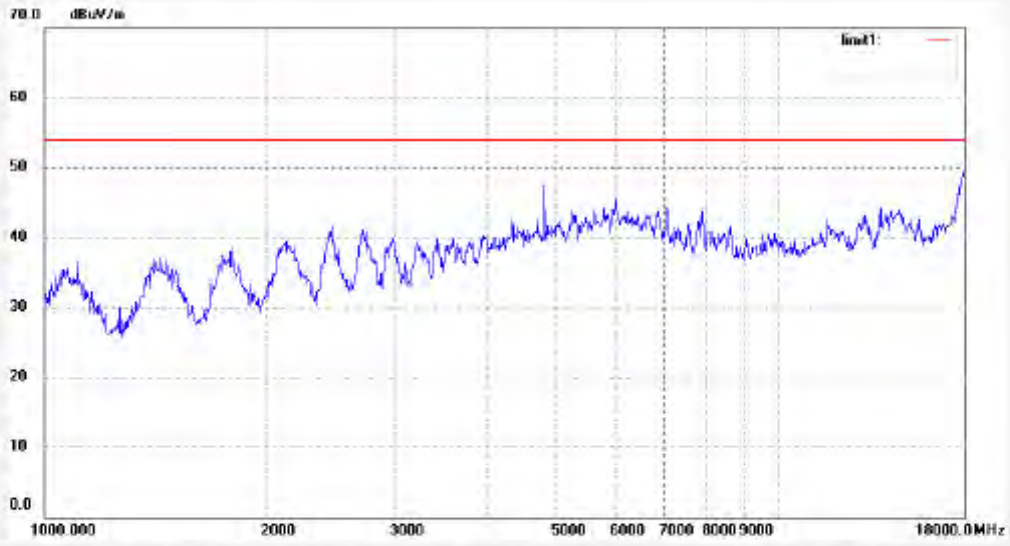
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #69	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:21:51
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

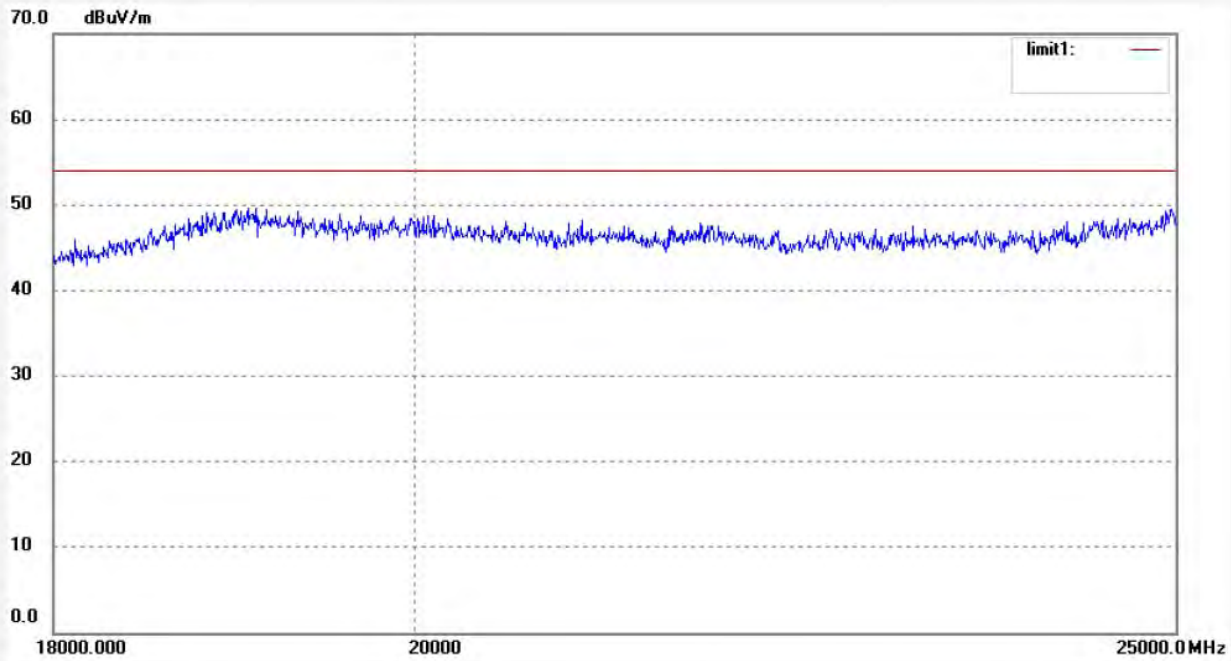


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #86	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:18:25
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

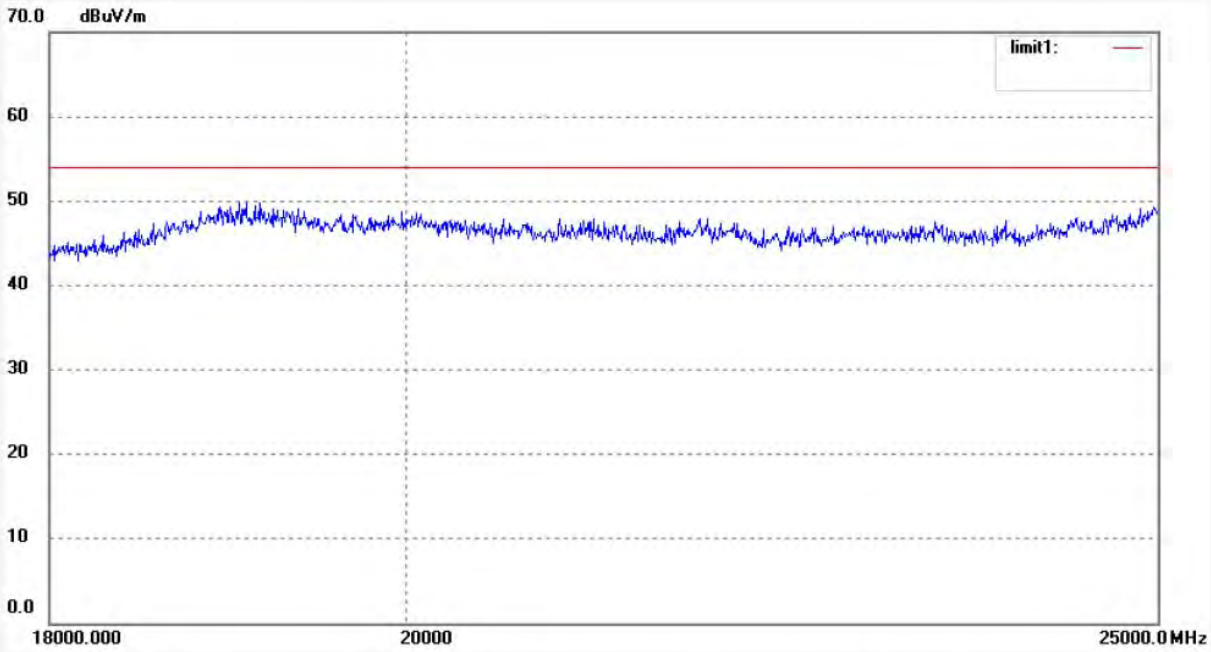


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #85	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:14:44
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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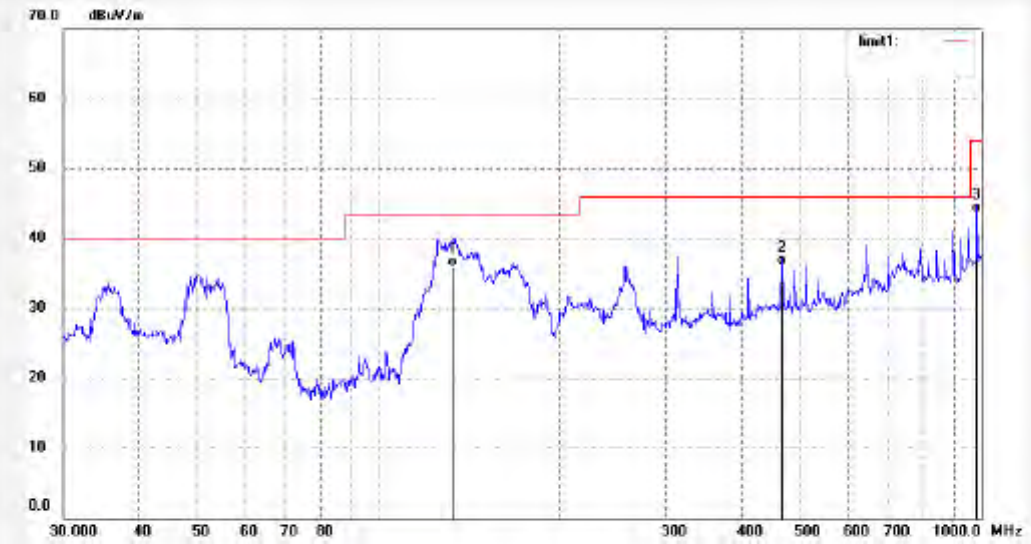
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #120
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 11 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:10:34
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	133.0809	21.25	14.76	36.01	43.50	-7.49	QP			
2	468.1650	12.59	23.55	36.14	46.00	-9.86	QP			
3	986.0439	13.89	29.85	43.74	54.00	-10.26	QP			

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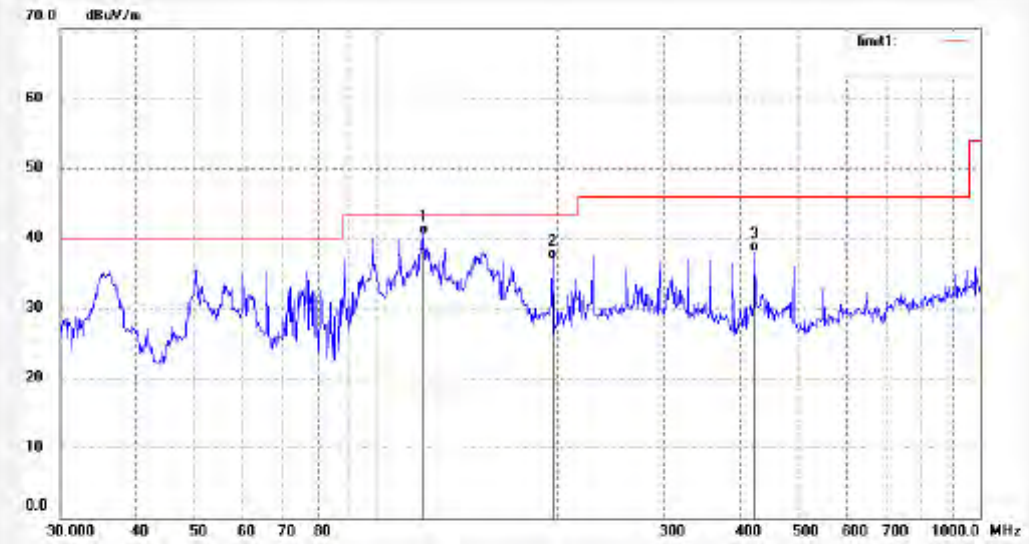
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #119
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 11 (802.11b)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:06:51
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.7672	25.87	14.65	40.52	43.50	-2.98	QP			
2	195.8701	20.90	16.14	37.04	43.50	-6.46	QP			
3	424.2998	14.96	23.10	38.06	46.00	-7.94	QP			

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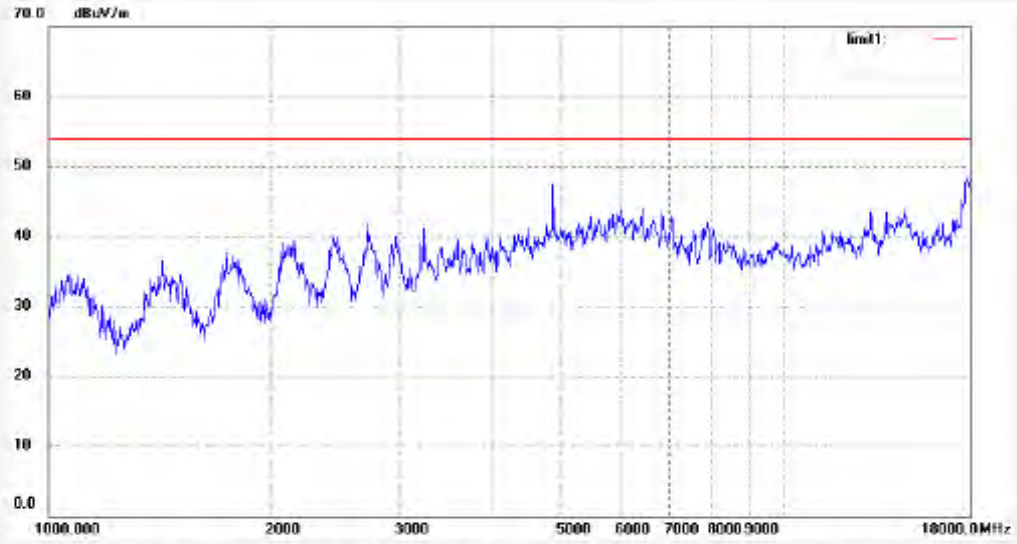
Fax:+86-0755-26503396

Job No.: Kevin #71	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:24:28
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

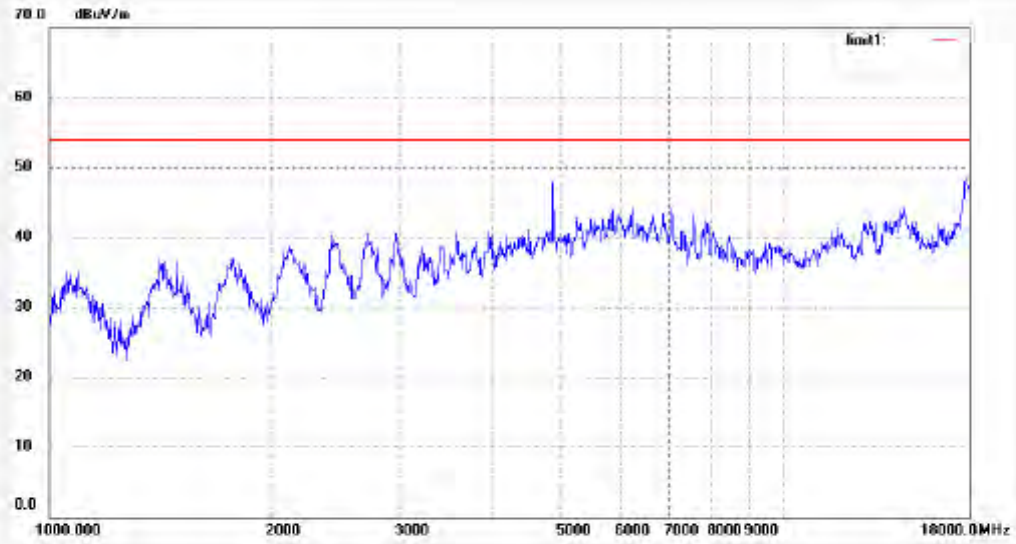


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #72	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:25:17
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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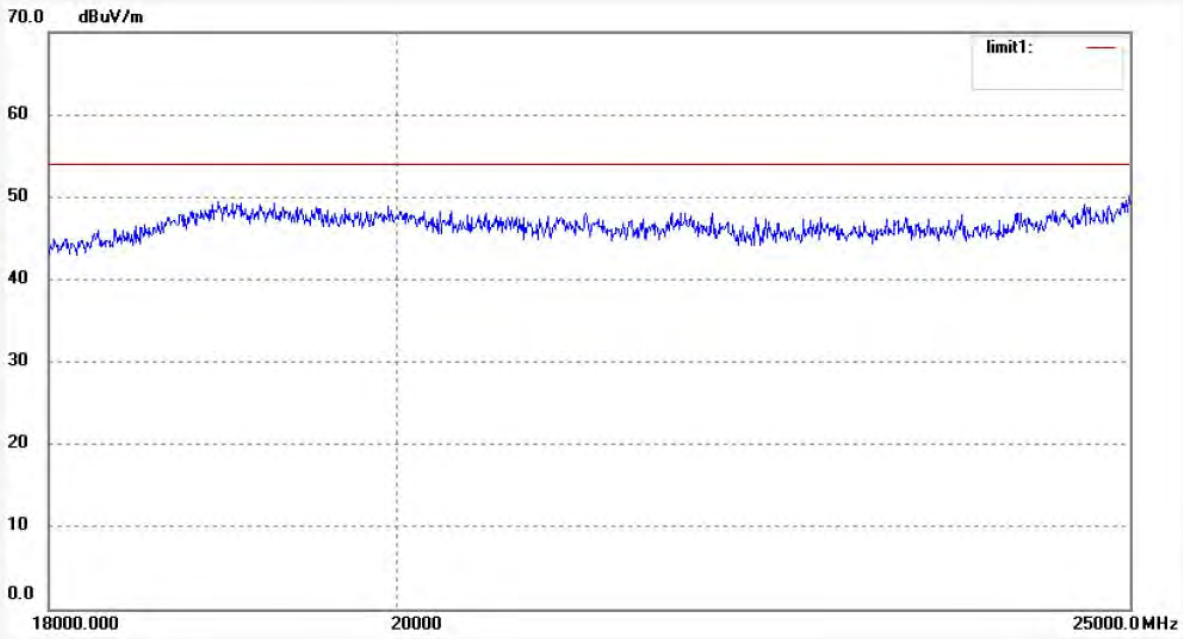
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #87	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:23:31
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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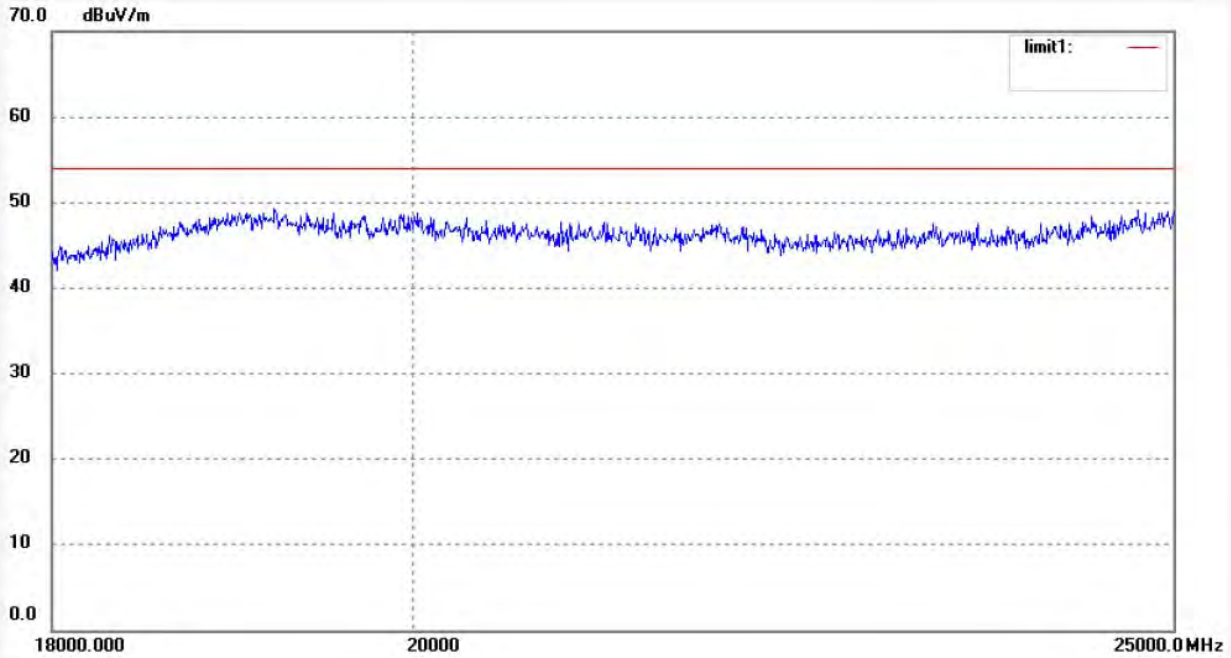
Fax:+86-0755-26503396

Job No.: Kevin #88	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:27:17
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11b)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



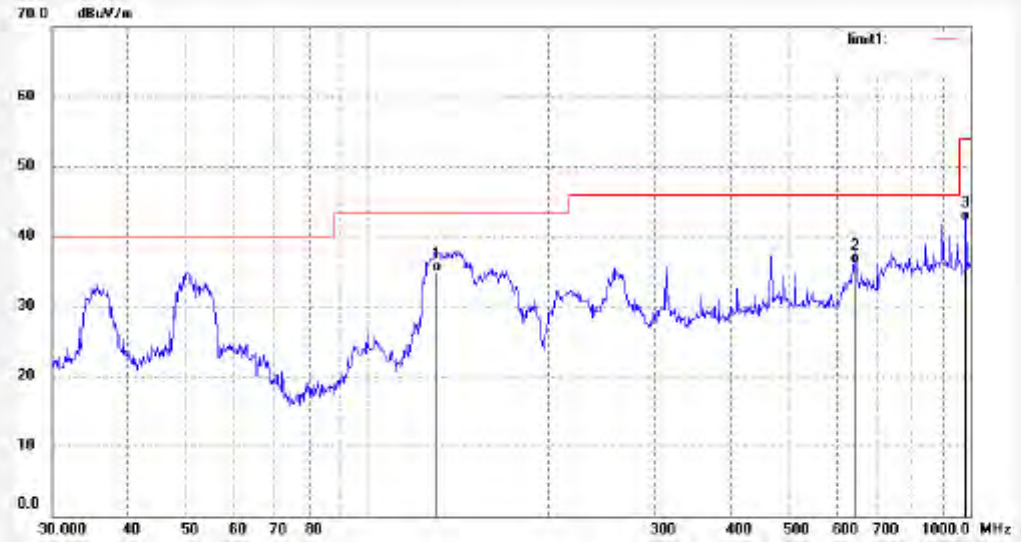
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #112
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 1 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:36:25
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.7632	20.08	14.88	34.96	43.50	-8.54	QP			
2	646.8215	10.14	26.05	36.19	46.00	-9.81	QP			
3	986.0439	12.39	29.85	42.24	54.00	-11.76	QP			

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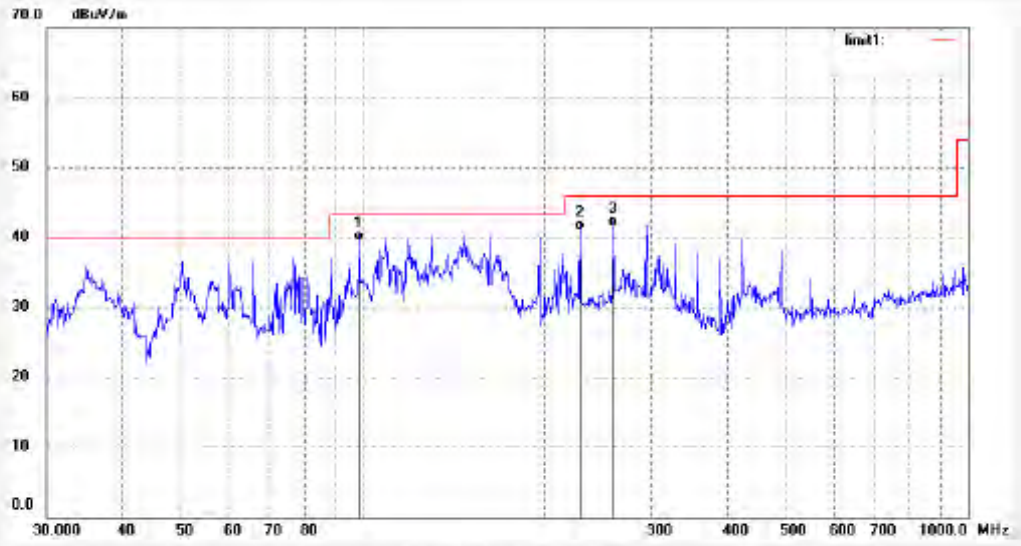
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #109	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 18:26:53
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	98.7215	25.50	13.94	39.44	43.50	-4.06	QP			
2	228.6173	24.43	16.69	41.12	46.00	-4.88	QP			
3	259.4433	23.12	18.52	41.64	46.00	-4.36	QP			

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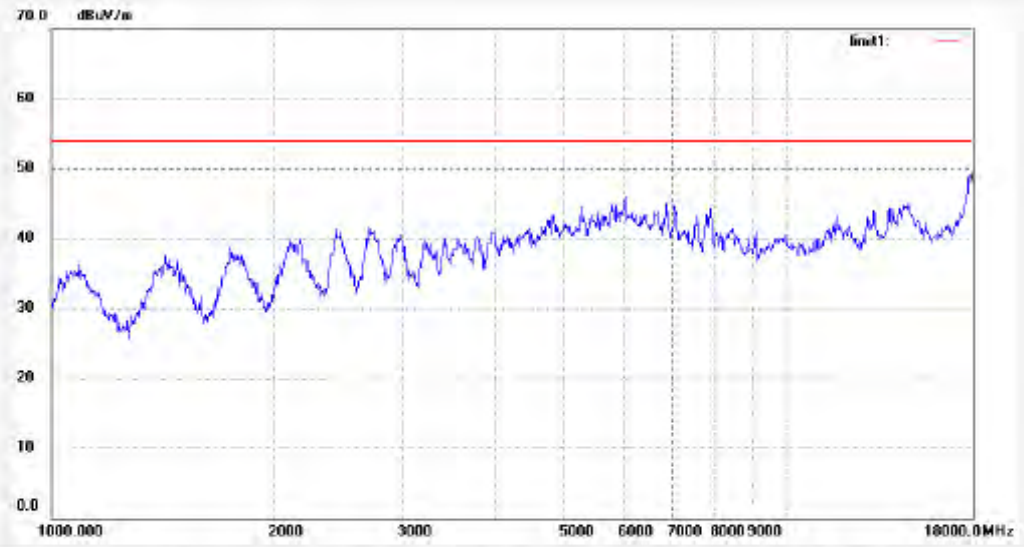
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #61	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:01:47
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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
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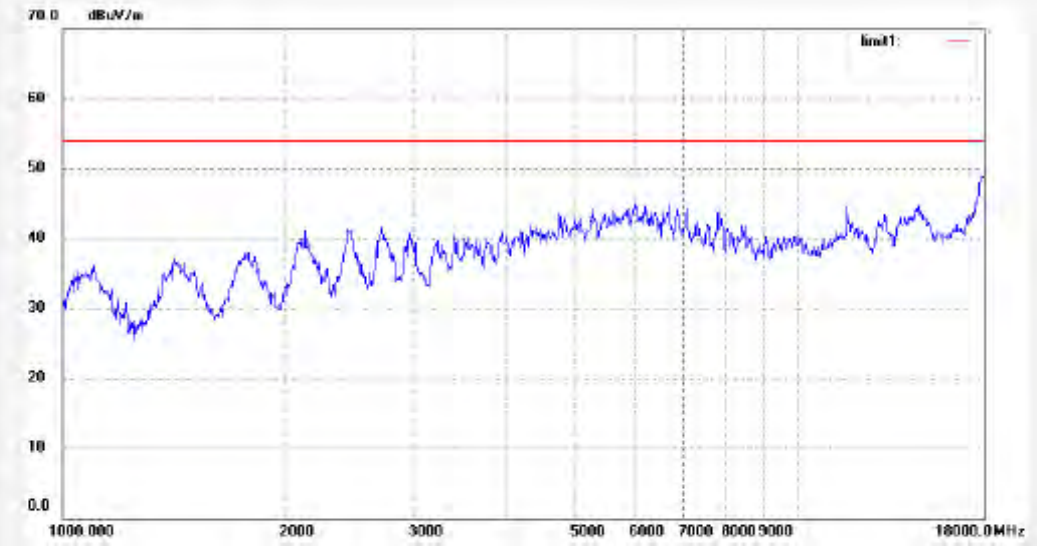
Fax:+86-0755-26503396

Job No.: Kevin #62	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:03:16
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

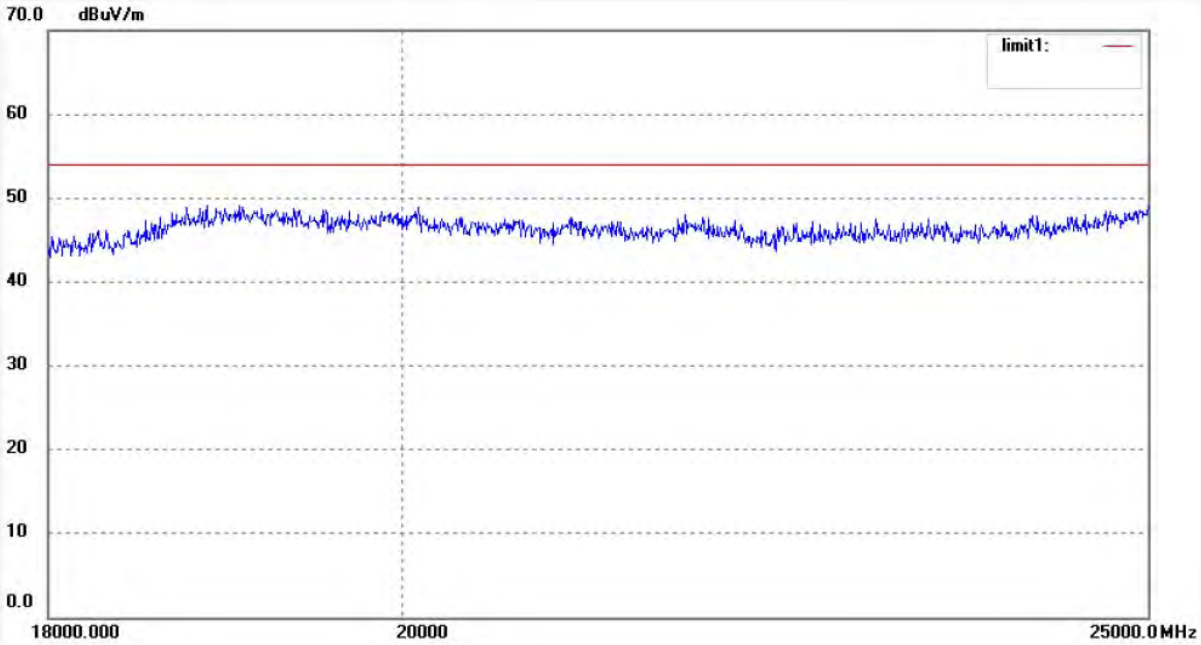


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #90	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:35:47
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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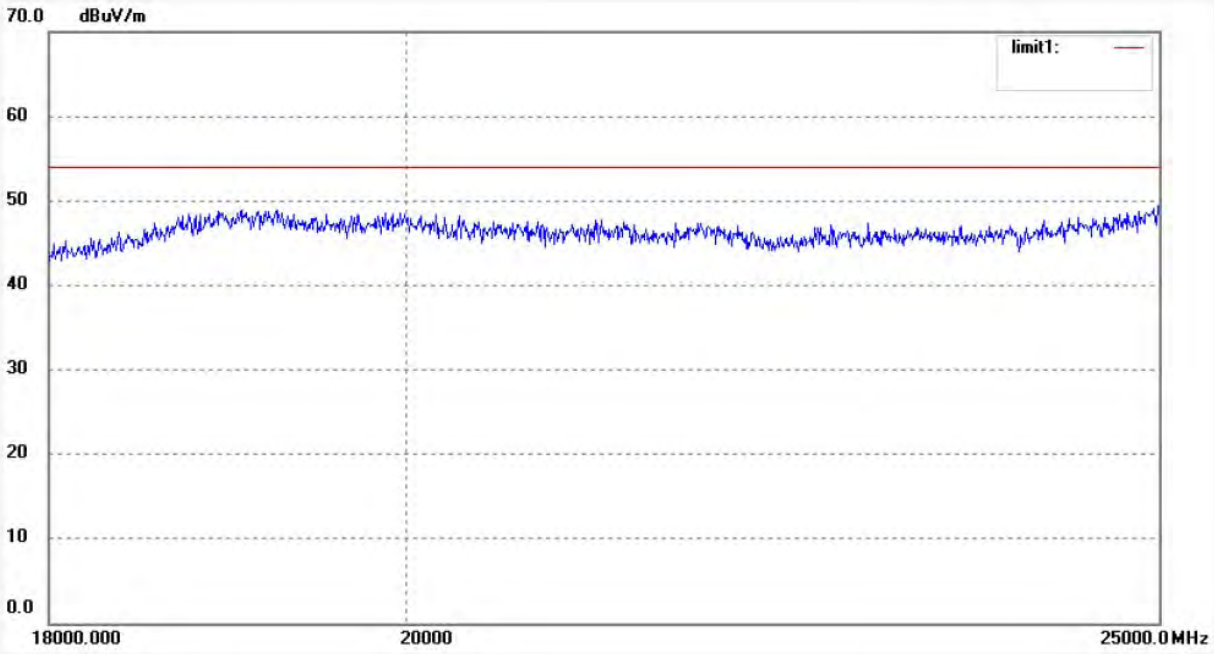
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #89	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:32:53
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



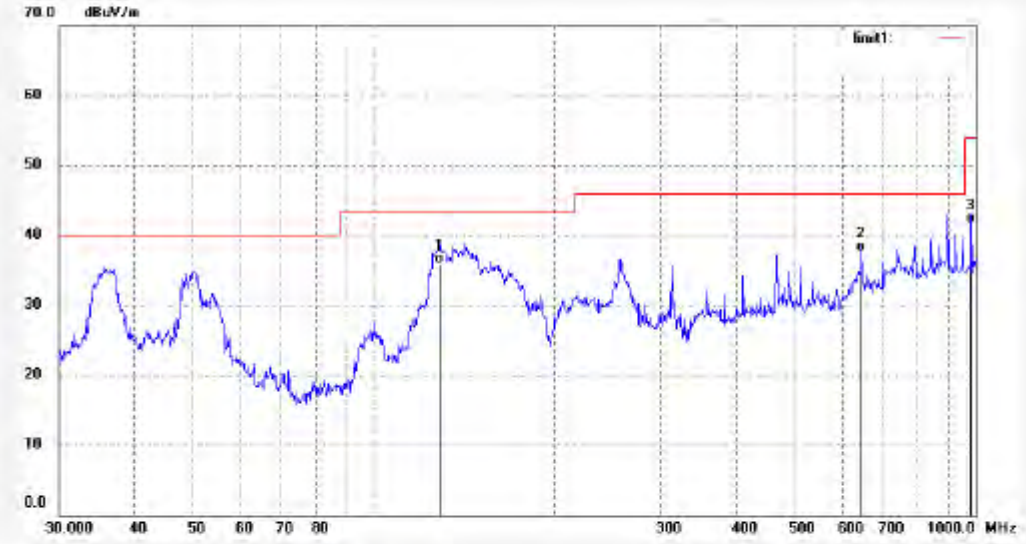
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #115
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:49:19
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	128.9385	20.95	14.94	35.89	43.50	-7.61	QP			
2	646.8215	11.64	26.05	37.69	46.00	-8.31	QP			
3	986.0439	11.89	29.85	41.74	54.00	-12.26	QP			

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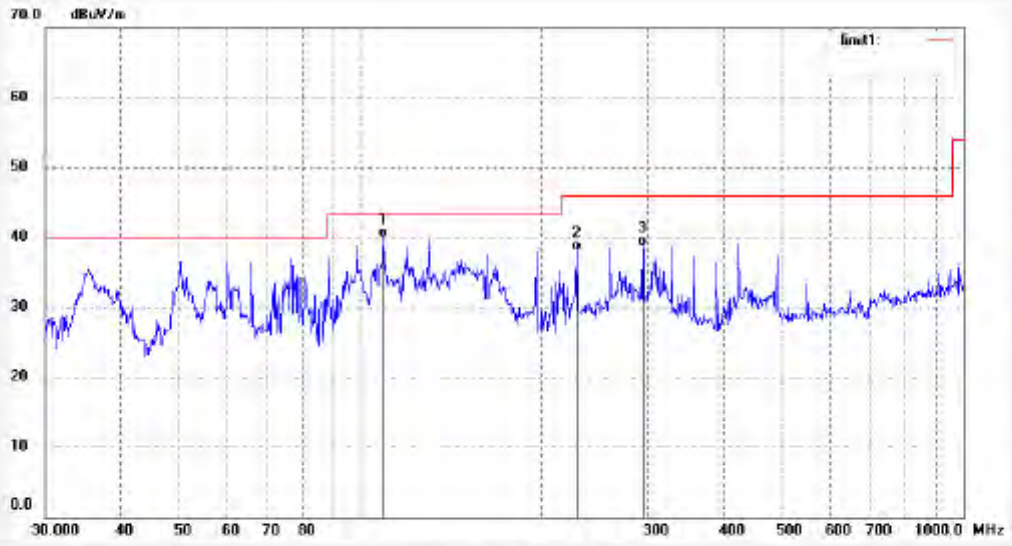
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #116
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:53:36
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	109.3110	25.91	14.06	39.97	43.50	-3.53	QP			
2	228.6173	21.43	16.69	38.12	46.00	-7.88	QP			
3	294.4259	20.10	18.60	38.70	46.00	-7.30	QP			

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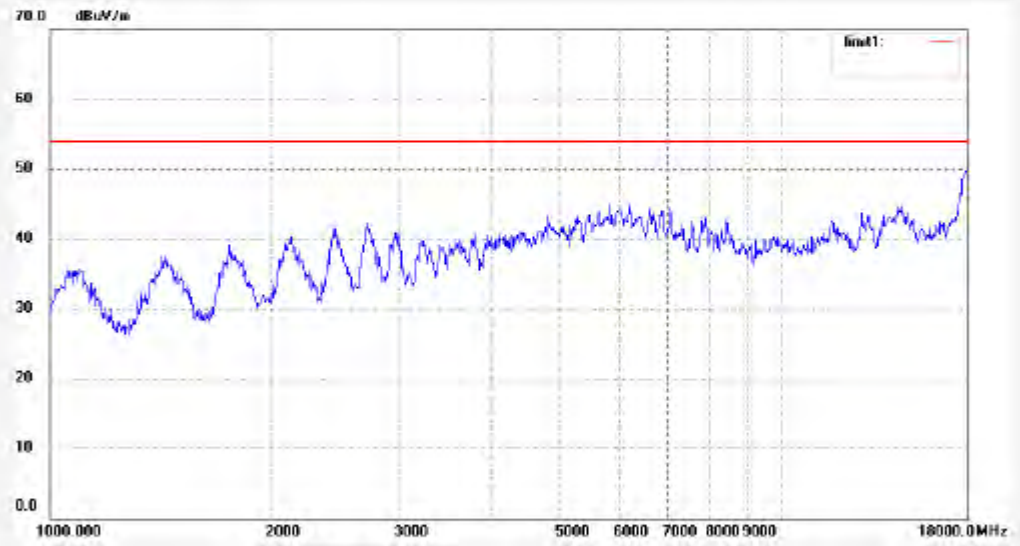
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #67	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:18:39
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

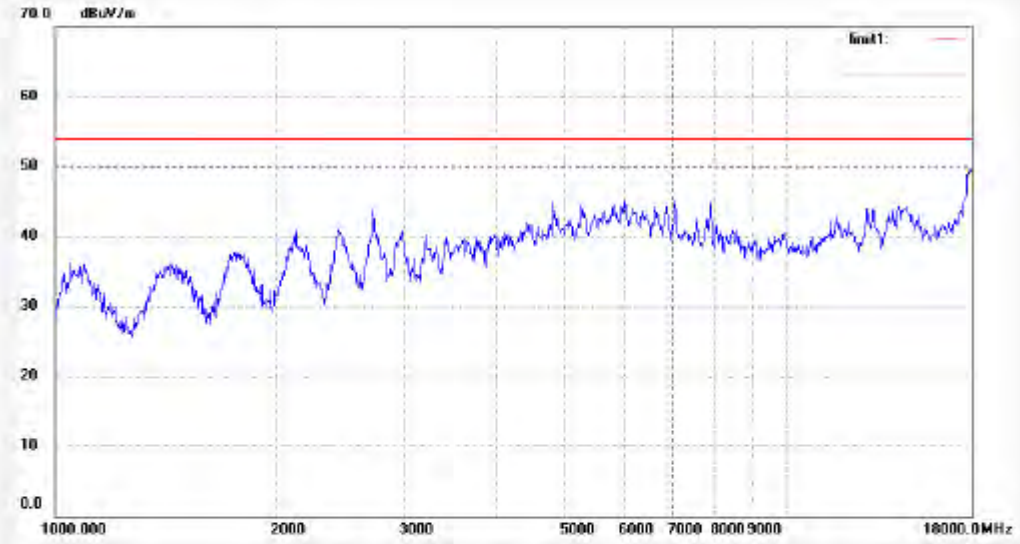


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #68	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:20:02
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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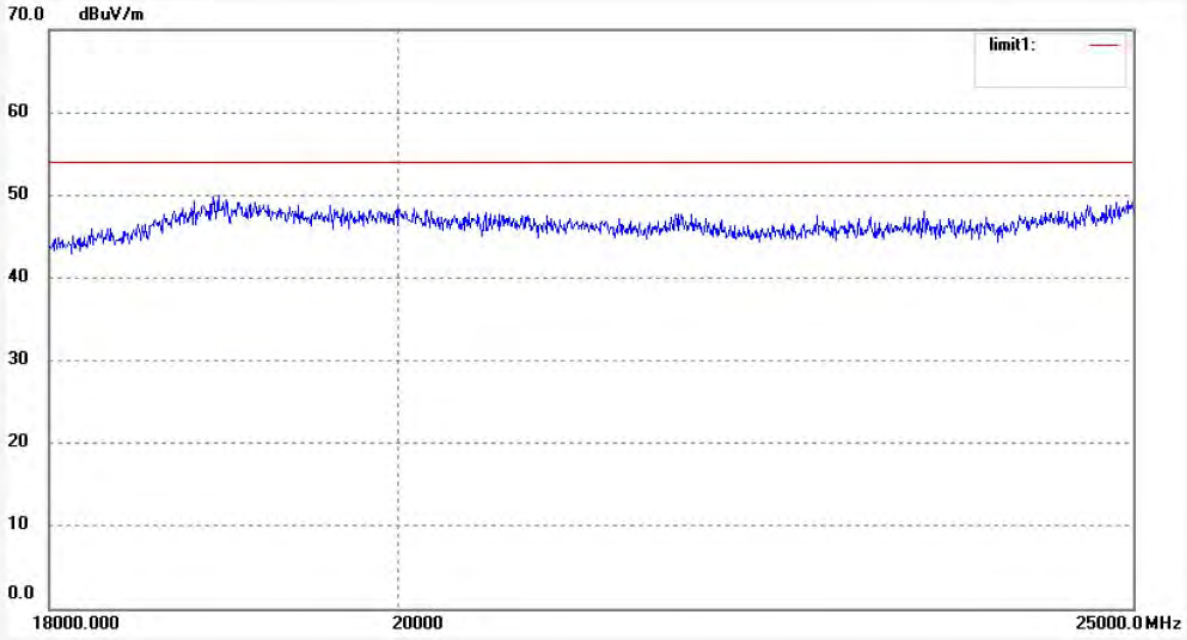
F1,Bldg,A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #91	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:38:29
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

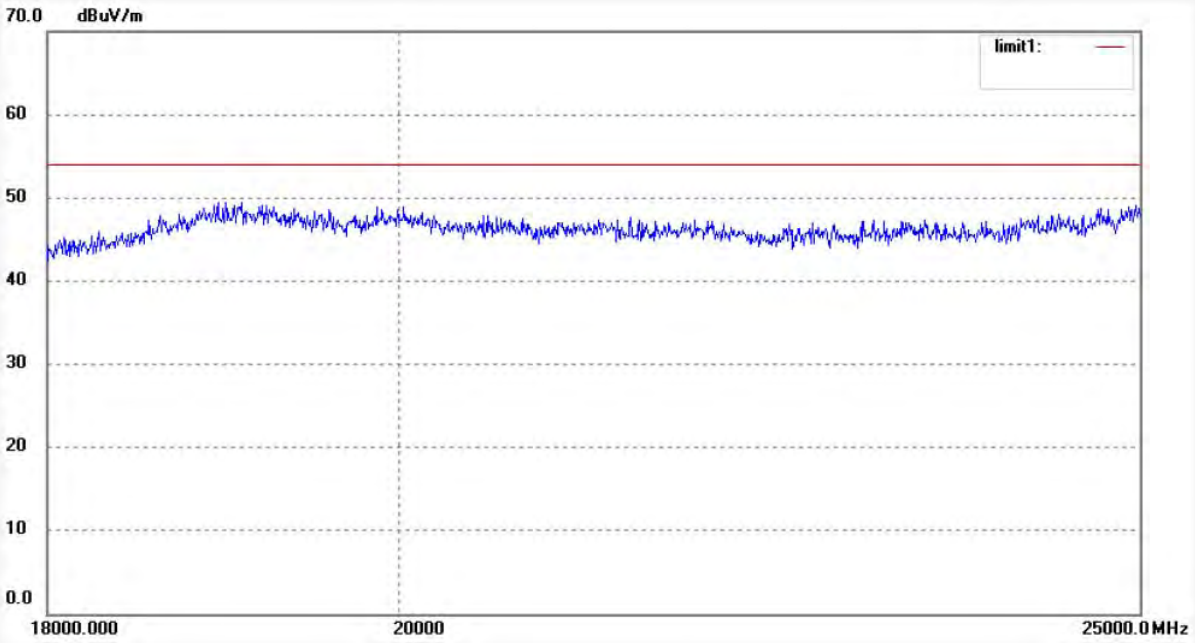


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #92	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:43:31
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



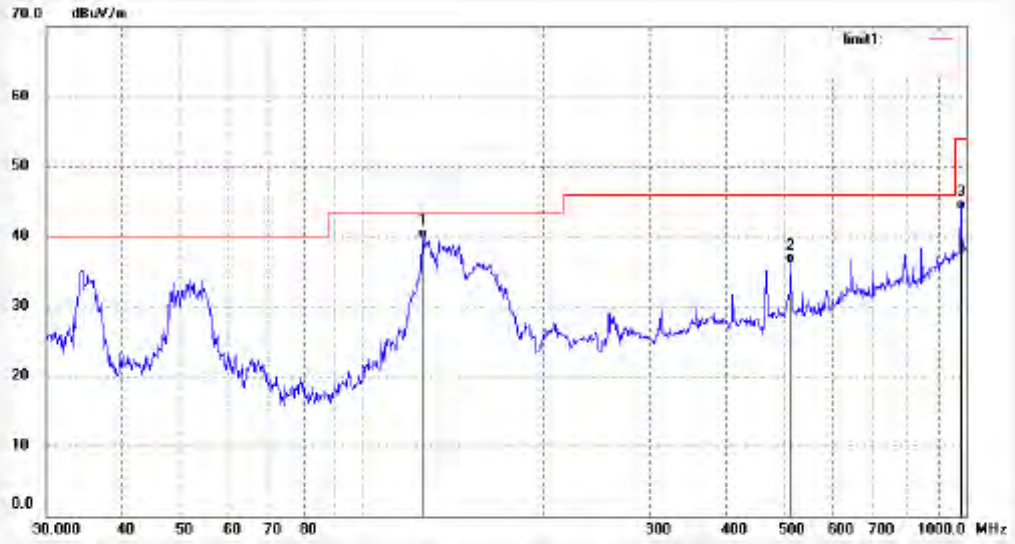
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #122
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 11 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:18:04
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	126.2485	24.61	15.02	39.63	43.50	-3.87	QP			
2	512.9477	12.08	24.09	36.17	46.00	-9.83	QP			
3	982.5855	14.01	29.85	43.86	54.00	-10.14	QP			

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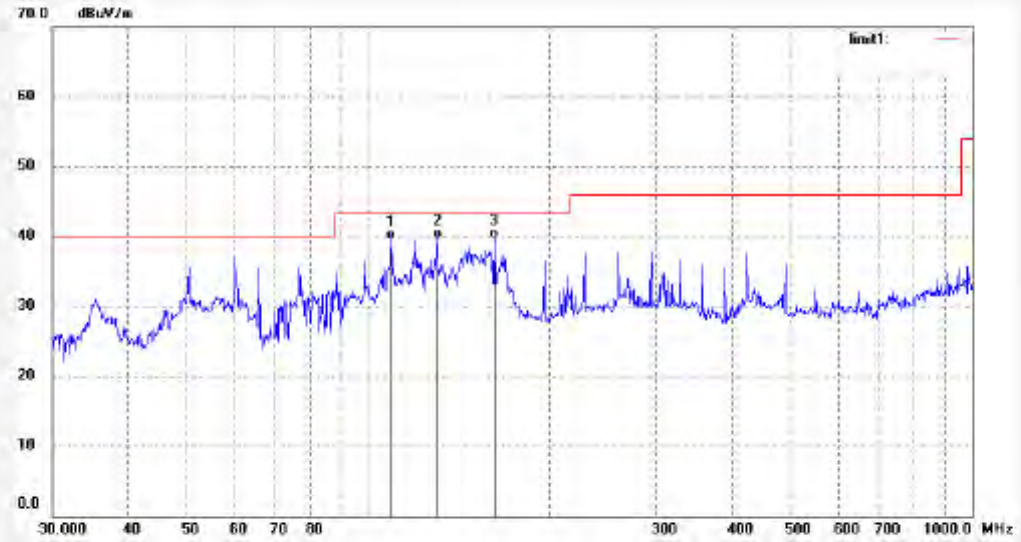
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #121
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 11 (802.11g)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:14:33
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	109.3110	25.41	14.06	39.47	43.50	-4.03	QP			
2	130.3048	24.69	14.89	39.58	43.50	-3.92	QP			
3	162.0197	25.07	14.62	39.69	43.50	-3.81	QP			

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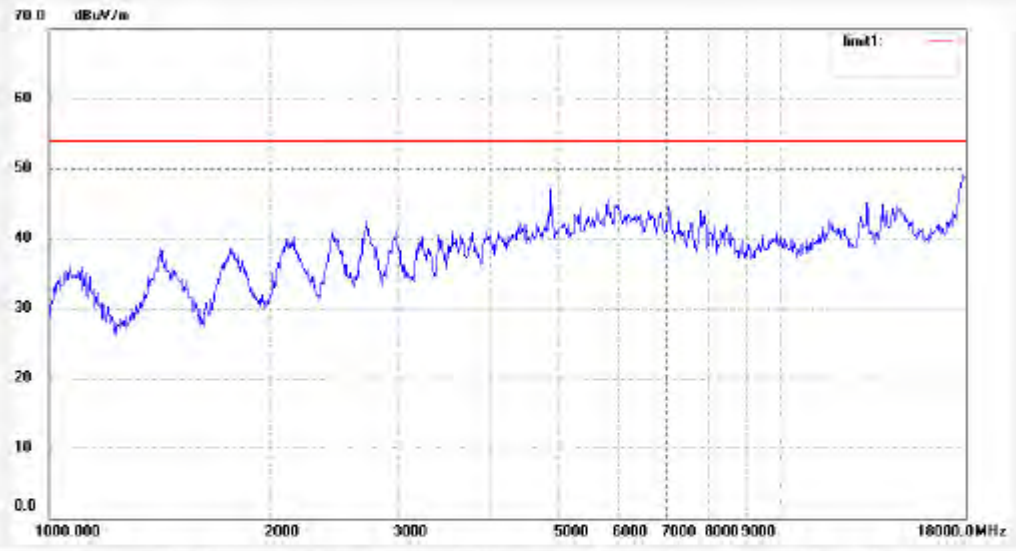
Fax:+86-0755-26503396

Job No.: Kevin #74	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:29:00
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

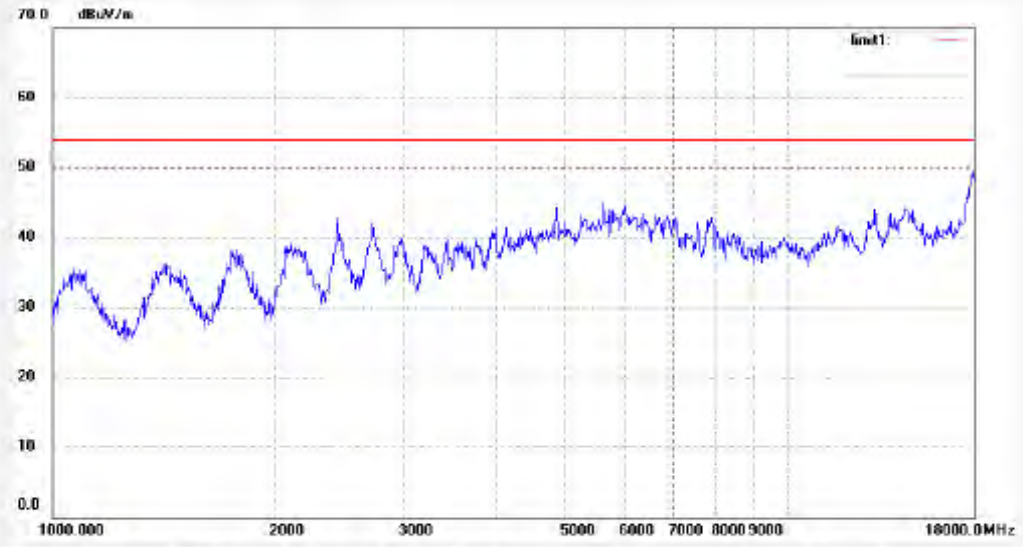


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #73	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:27:18
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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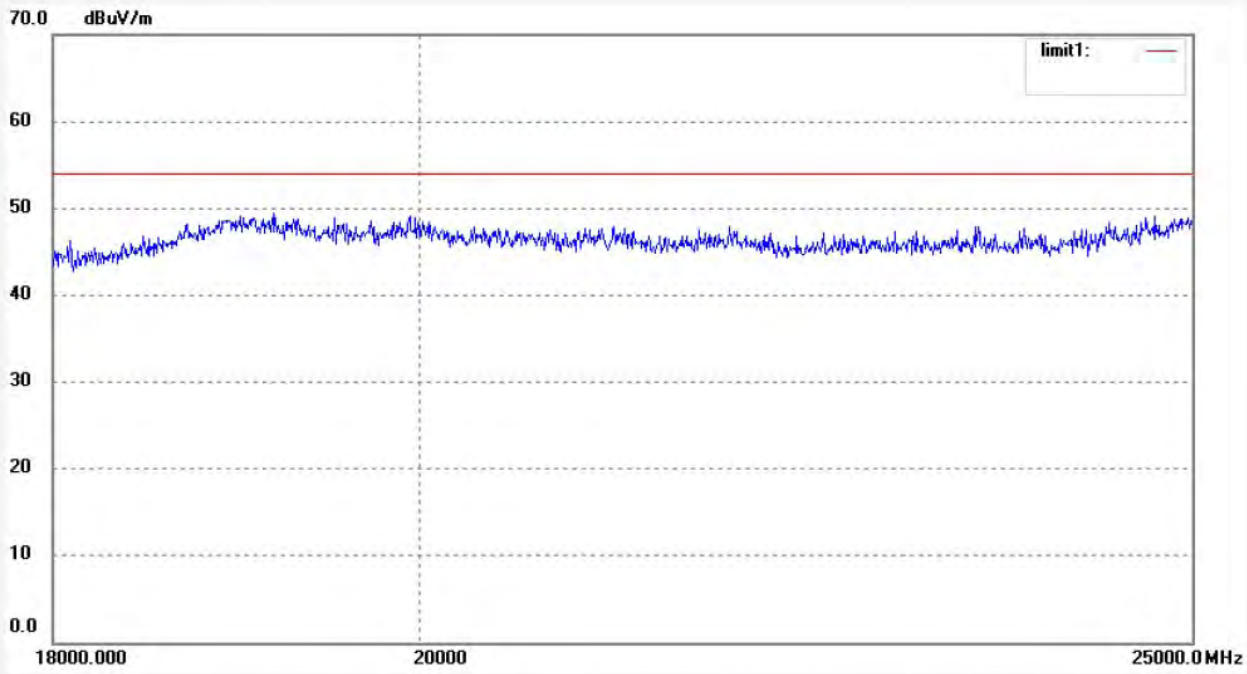
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #94	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:50:21
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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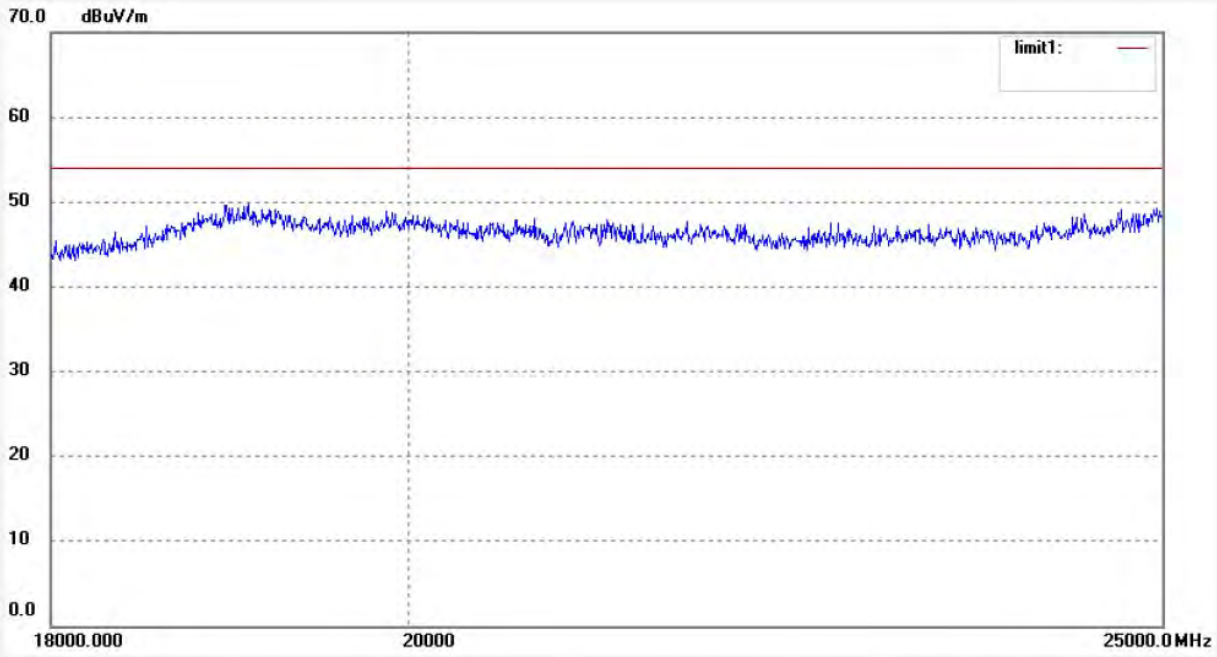
Fax:+86-0755-26503396

Job No.: Kevin #93	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 10:47:43
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11g)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



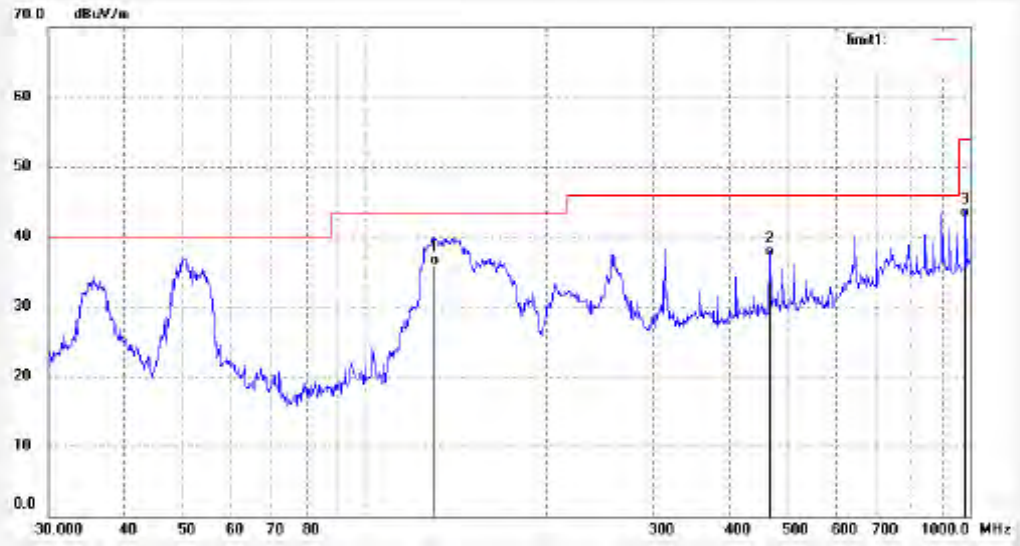
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #111
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 1 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:32:18
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.7632	21.08	14.88	35.96	43.50	-7.54	QP			
2	468.1650	13.59	23.55	37.14	46.00	-8.86	QP			
3	986.0439	12.89	29.85	42.74	54.00	-11.26	QP			

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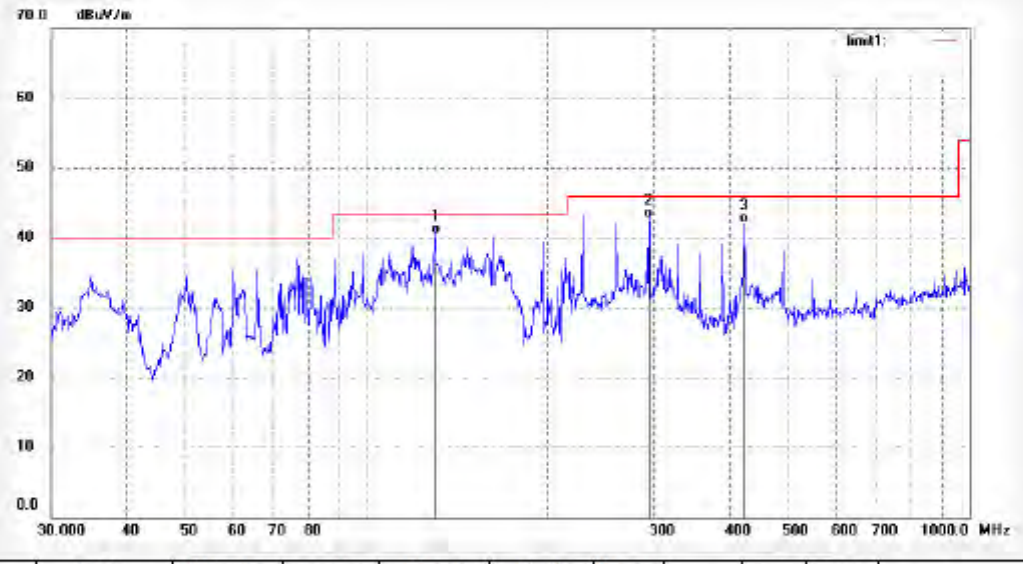
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #110
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 1 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:29:45
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	25.69	14.89	40.58	43.50	-2.92	QP			
2	294.4259	24.10	18.60	42.70	46.00	-3.30	QP			
3	424.2998	18.96	23.10	42.06	46.00	-3.94	QP			

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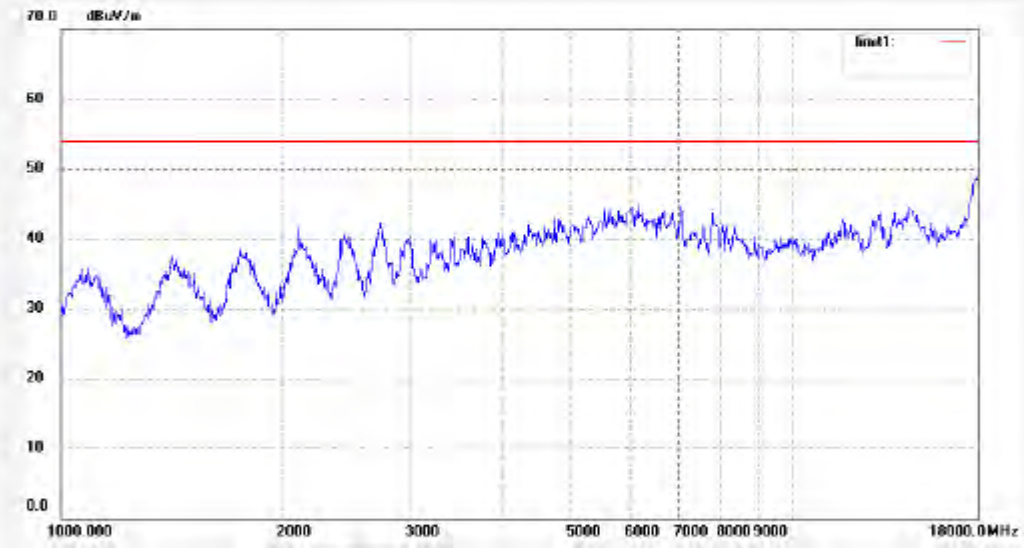
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #64	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:09:25
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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
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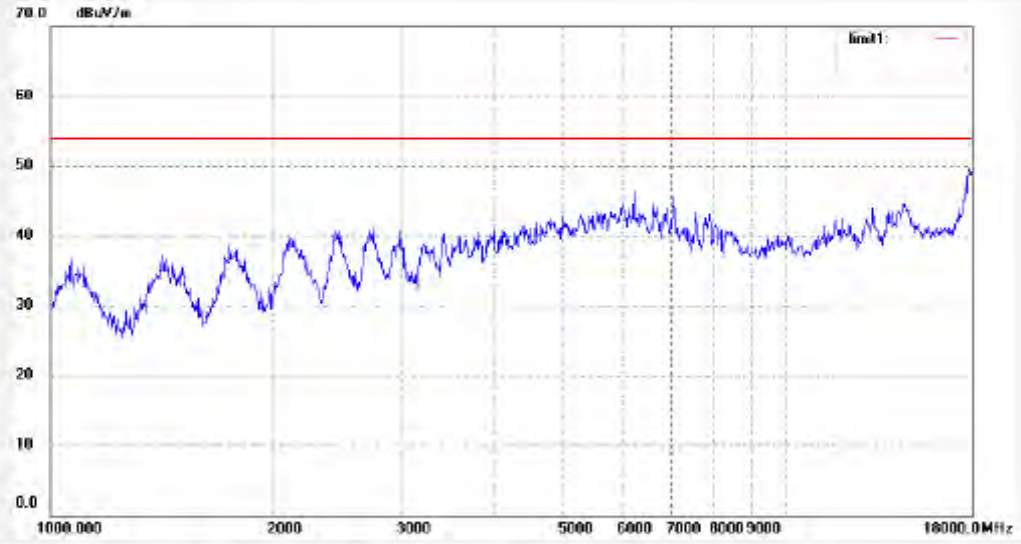
Fax:+86-0755-26503396

Job No.: Kevin #63	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:08:00
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

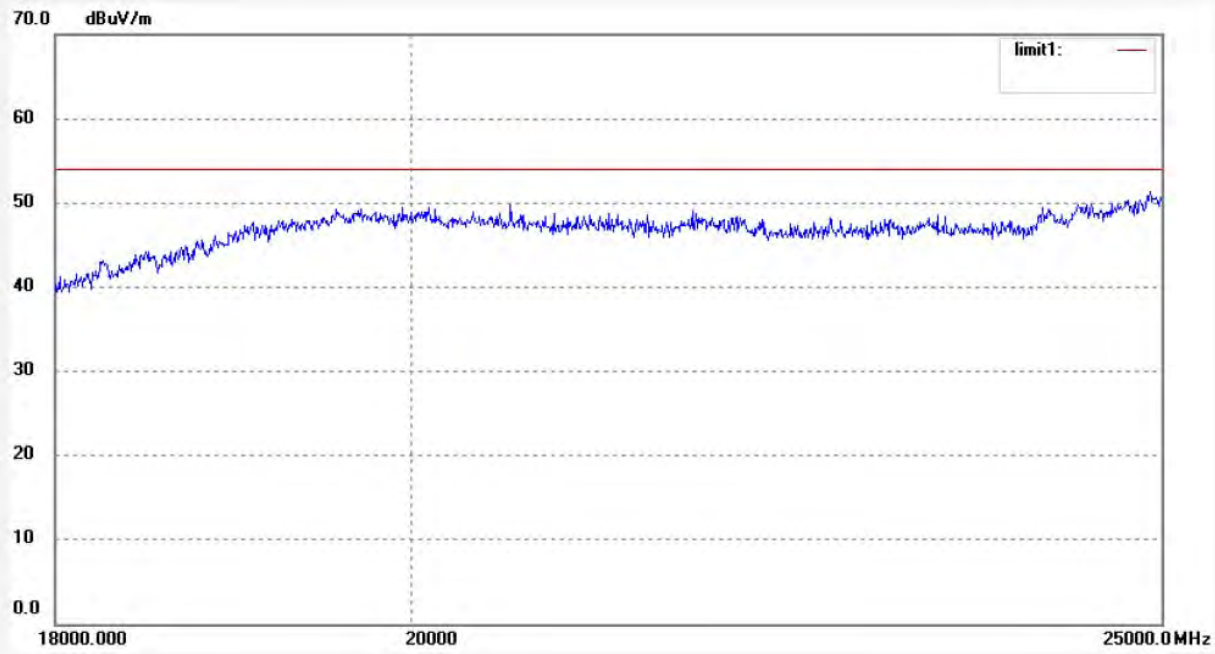


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #99	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:09:41
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

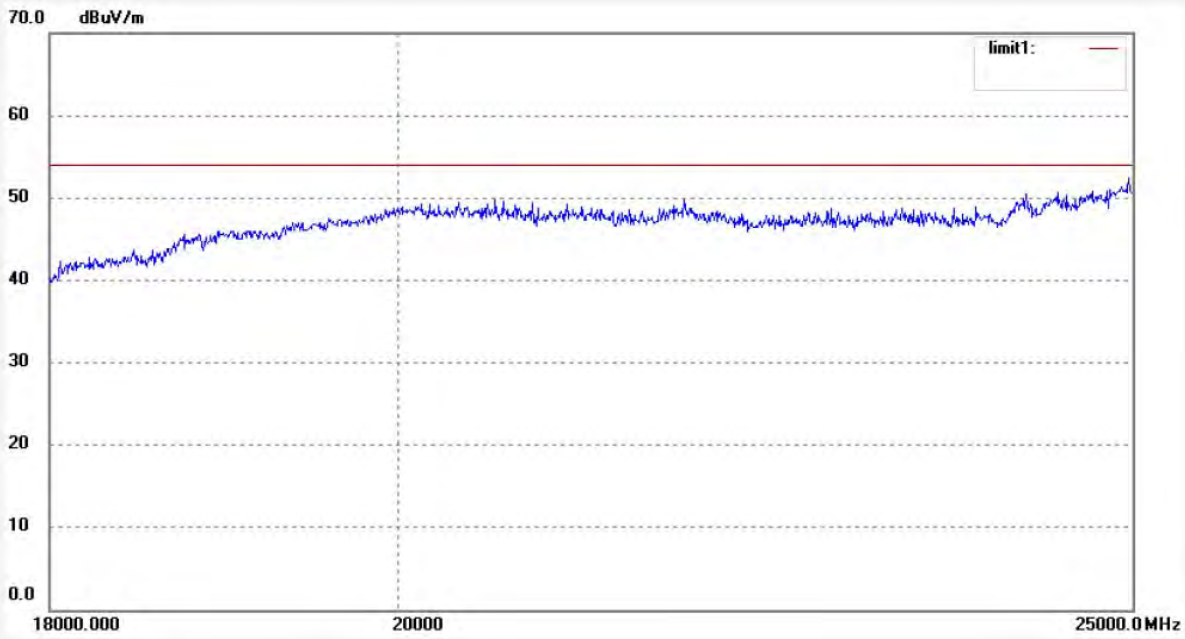


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #100	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:14:41
EUT: MID	Engineer Signature: Kevin
Mode: Channel 1 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



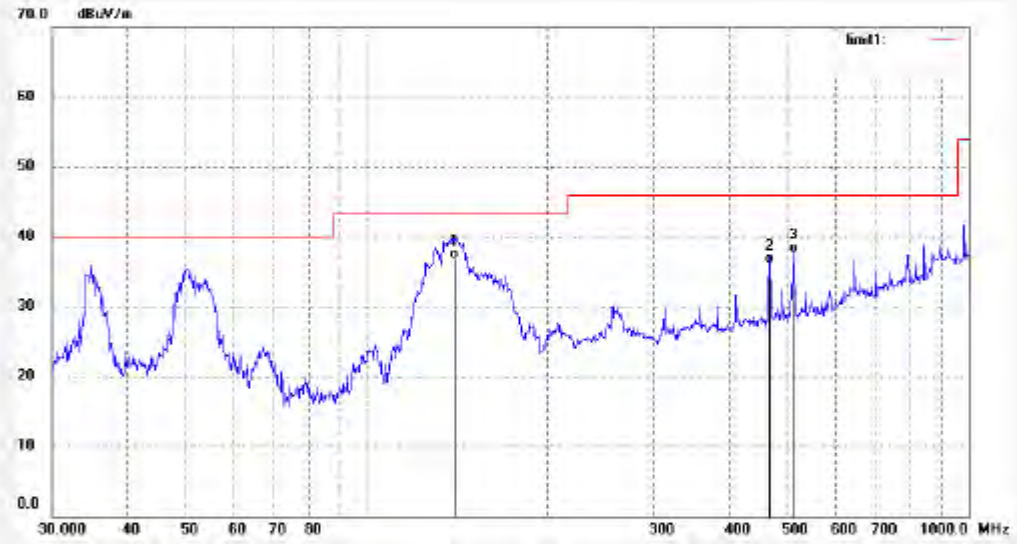
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #118
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:02:34
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



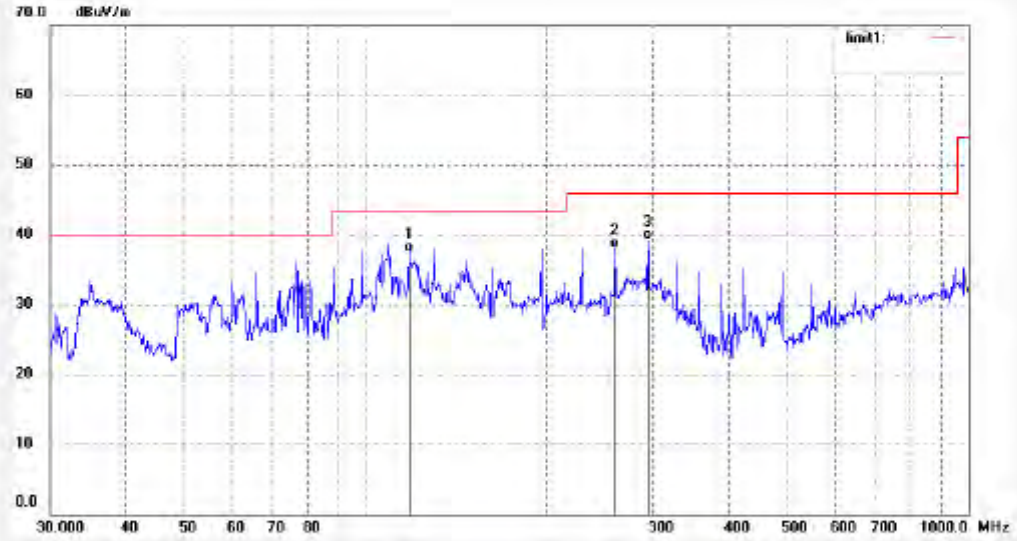
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.2829	22.37	14.49	36.86	43.50	-6.64	QP			
2	468.1650	12.59	23.55	36.14	46.00	-9.86	QP			
3	512.9477	13.58	24.09	37.67	46.00	-8.33	QP			

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.: Kevin #117
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 18:57:47
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	118.0956	23.07	14.52	37.59	43.50	-5.91	QP			
2	259.4433	19.62	18.52	38.14	46.00	-7.86	QP			
3	294.4259	20.60	18.60	39.20	46.00	-6.80	QP			

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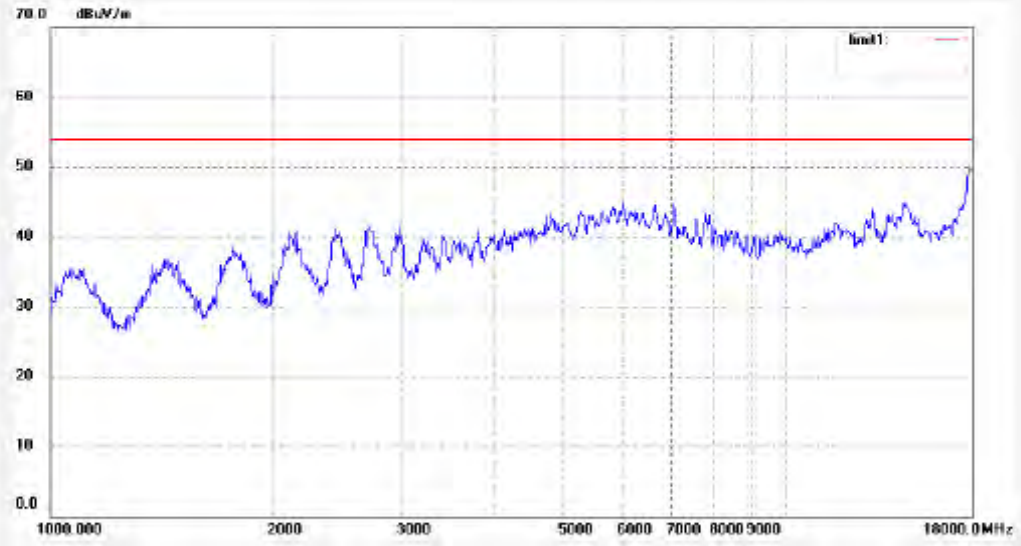
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #66	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:16:36
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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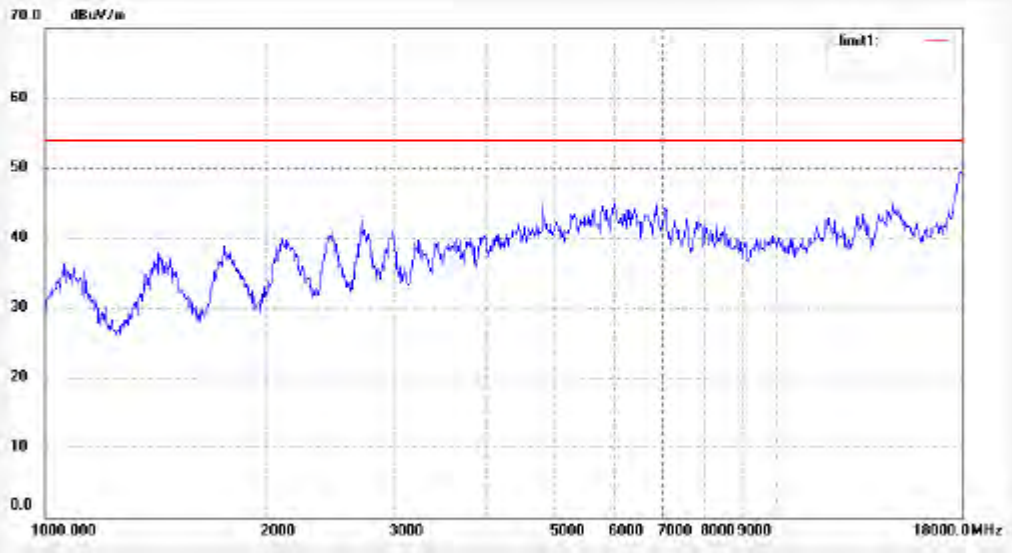
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #65	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:15:08
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

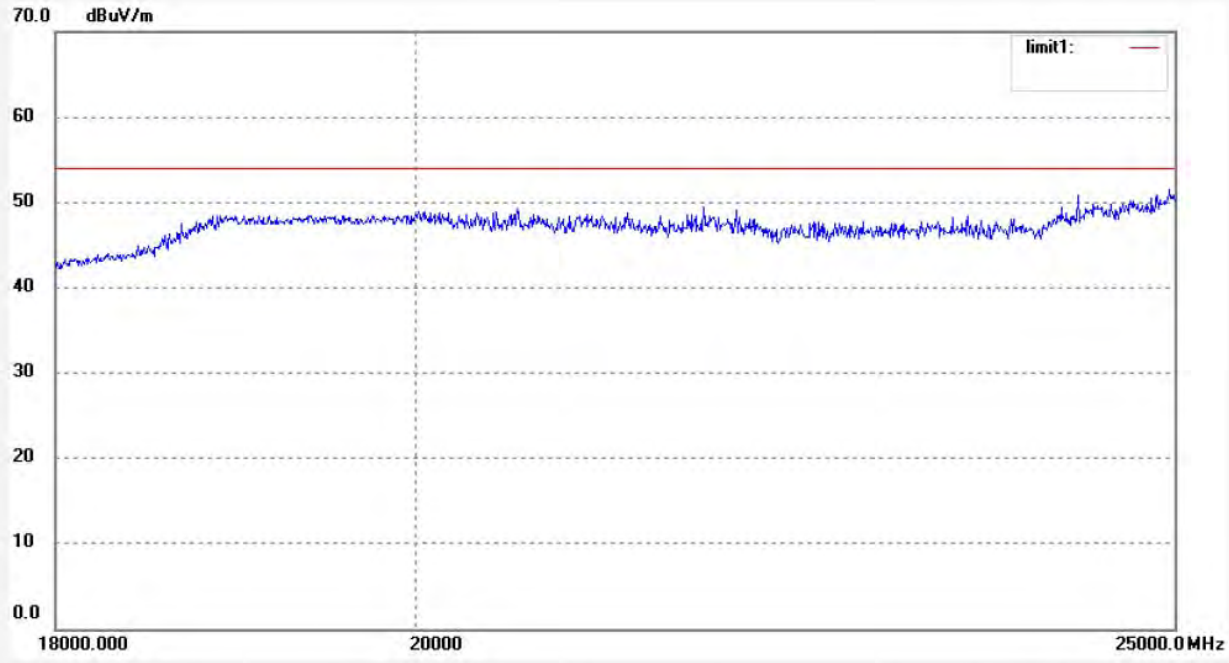


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #98	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:05:49
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

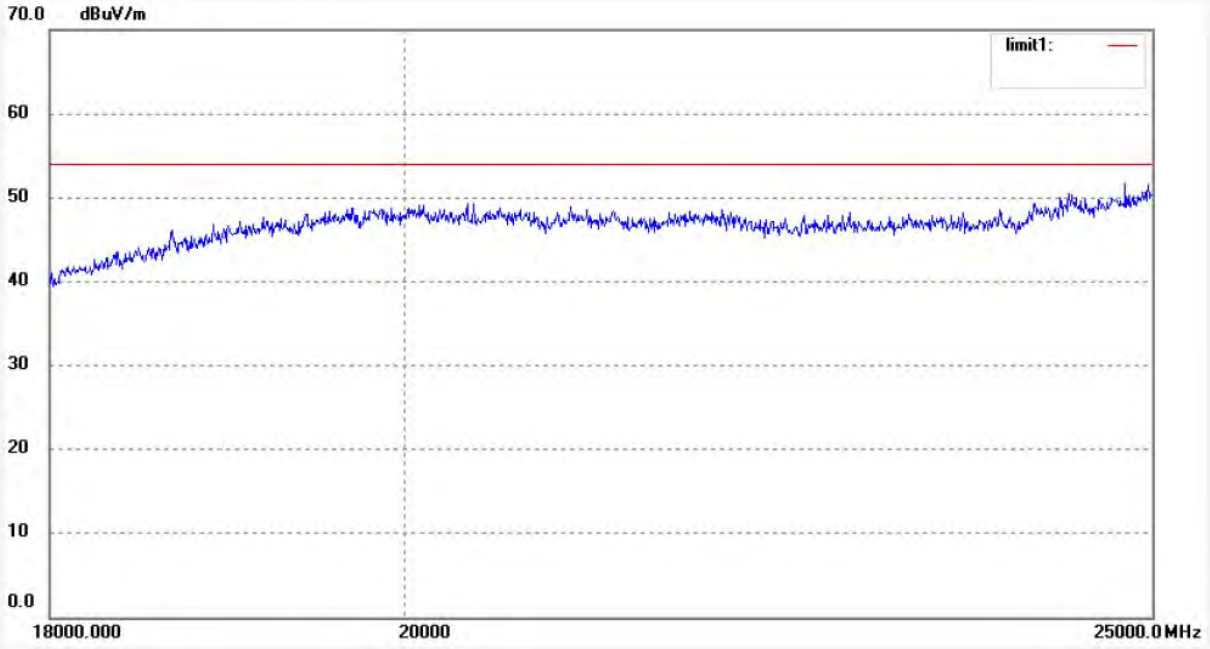


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #97	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 11:02:28
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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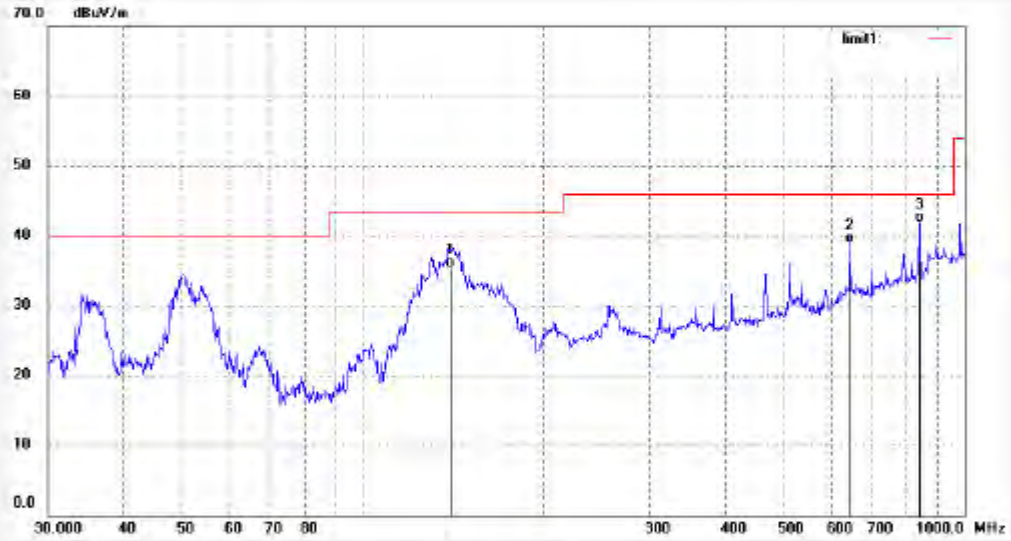
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #124
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 11 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:26:38
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	140.2829	20.87	14.49	35.36	43.50	-8.14	QP			
2	644.5529	12.93	26.08	39.01	46.00	-6.99	QP			
3	841.8396	13.55	28.36	41.91	46.00	-4.09	QP			

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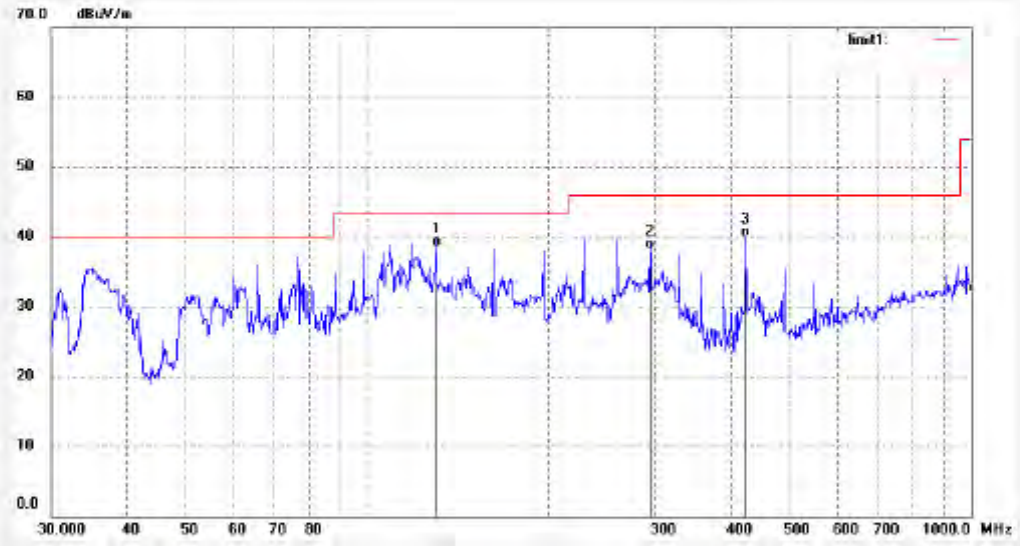
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #123
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 11 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:22:46
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	130.3048	23.69	14.89	38.58	43.50	-4.92	QP			
2	294.4259	19.60	18.60	38.20	46.00	-7.80	QP			
3	424.2998	16.96	23.10	40.06	46.00	-5.94	QP			

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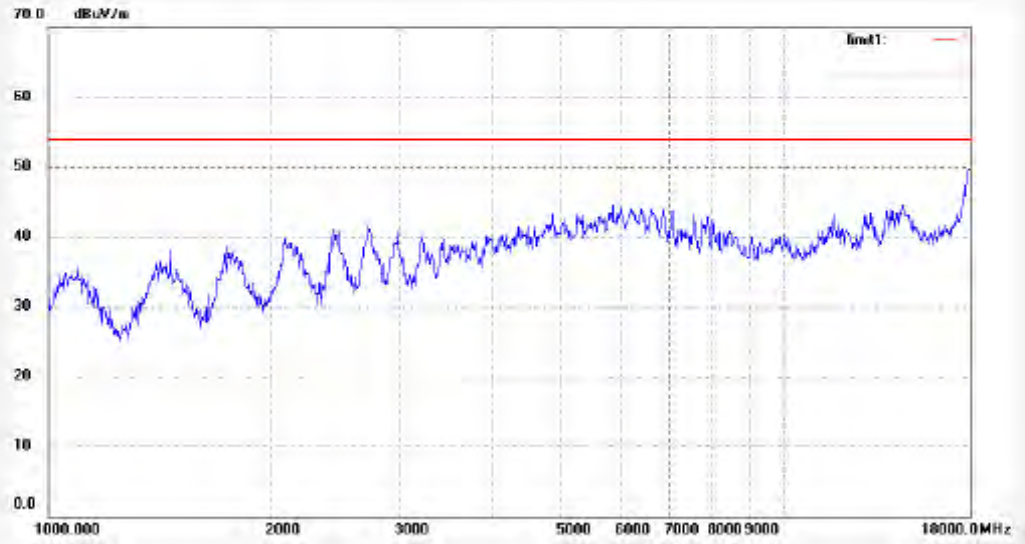
Fax:+86-0755-26503396

Job No.: Kevin #75	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:30:51
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

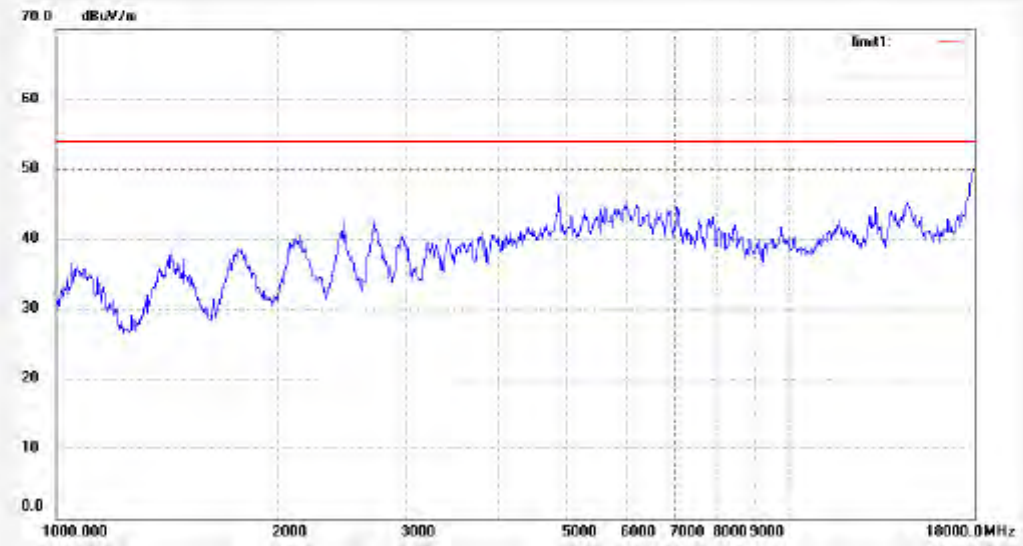


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #76	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:32:55
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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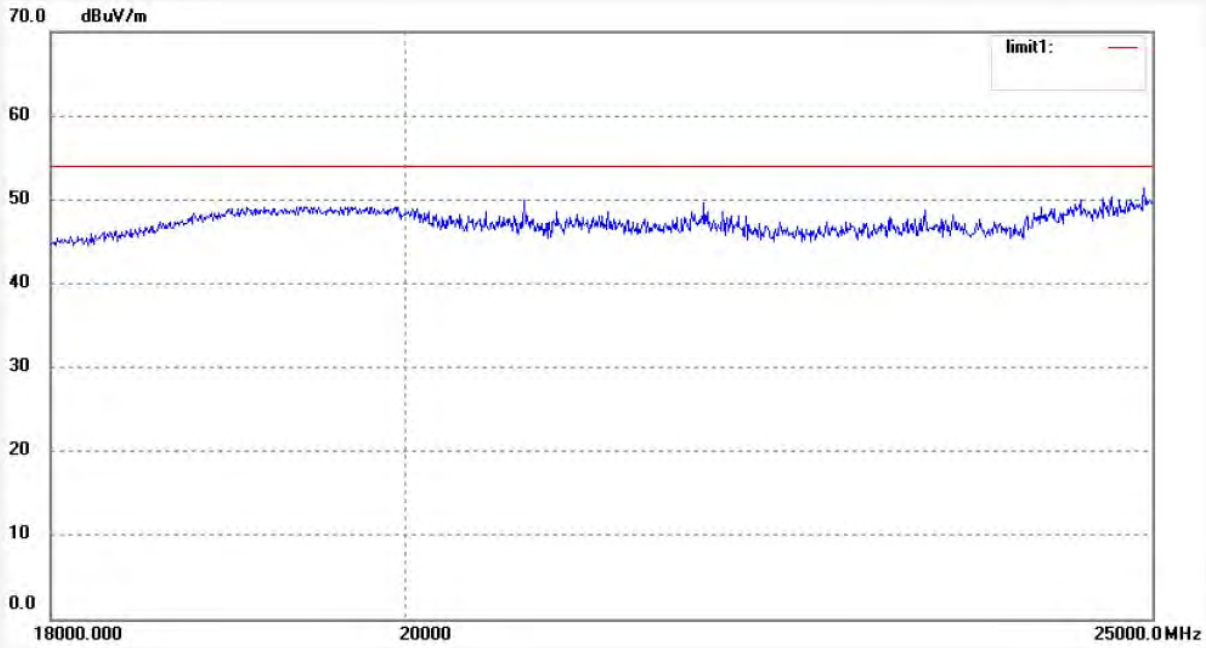
Fax:+86-0755-26503396

Job No.: Kevin #95	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:53:17
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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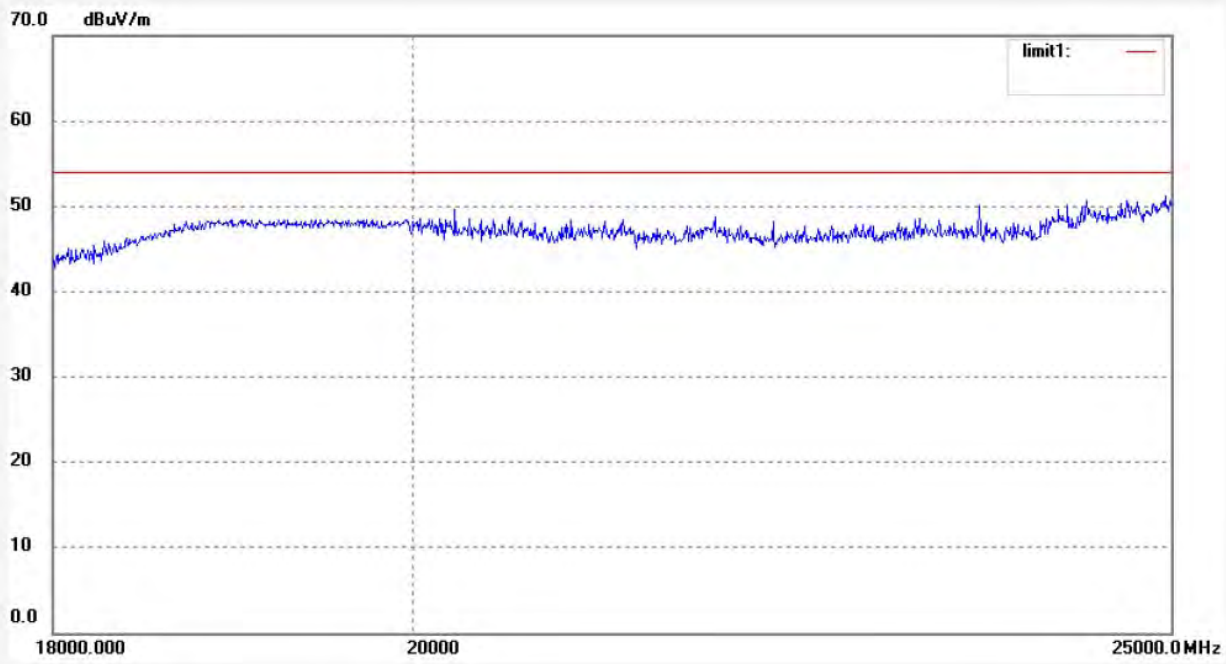
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #96	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 10:57:22
EUT: MID	Engineer Signature: Kevin
Mode: Channel 11 (802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



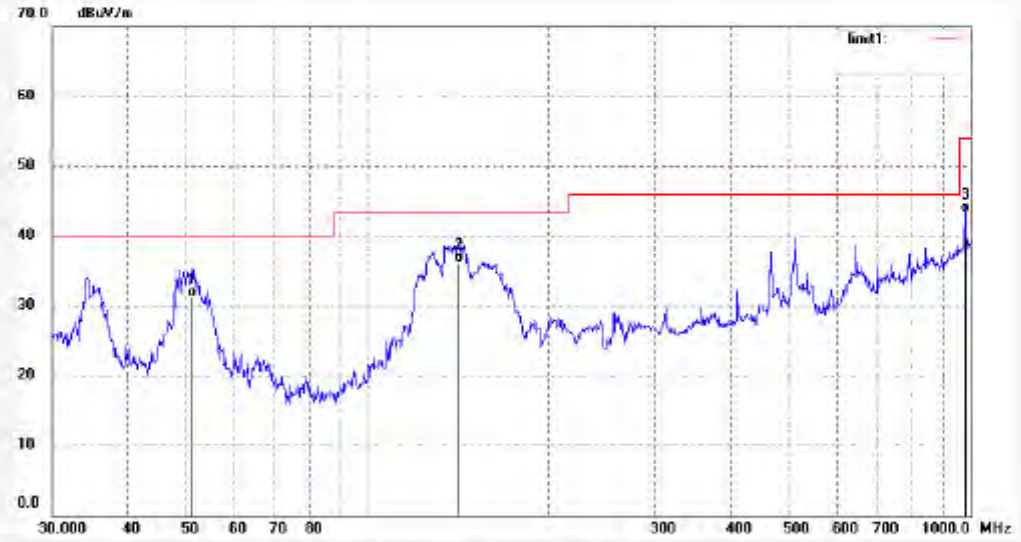
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #126
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 3 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:35:39
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	51.3556	17.10	14.09	31.19	40.00	-8.81	QP			
2	142.2684	21.71	14.48	36.19	43.50	-7.31	QP			
3	982.5855	13.51	29.85	43.36	54.00	-10.64	QP			

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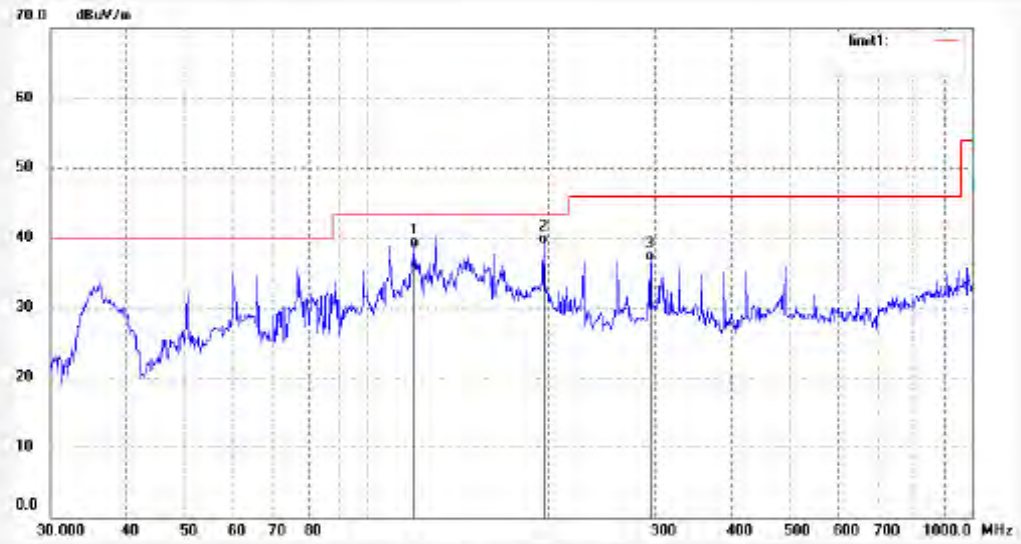
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #125
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 3 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:31:03
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	119.7672	23.87	14.65	38.52	43.50	-4.98	QP			
2	195.8701	22.90	16.14	39.04	43.50	-4.46	QP			
3	294.4259	18.10	18.60	36.70	46.00	-9.30	QP			

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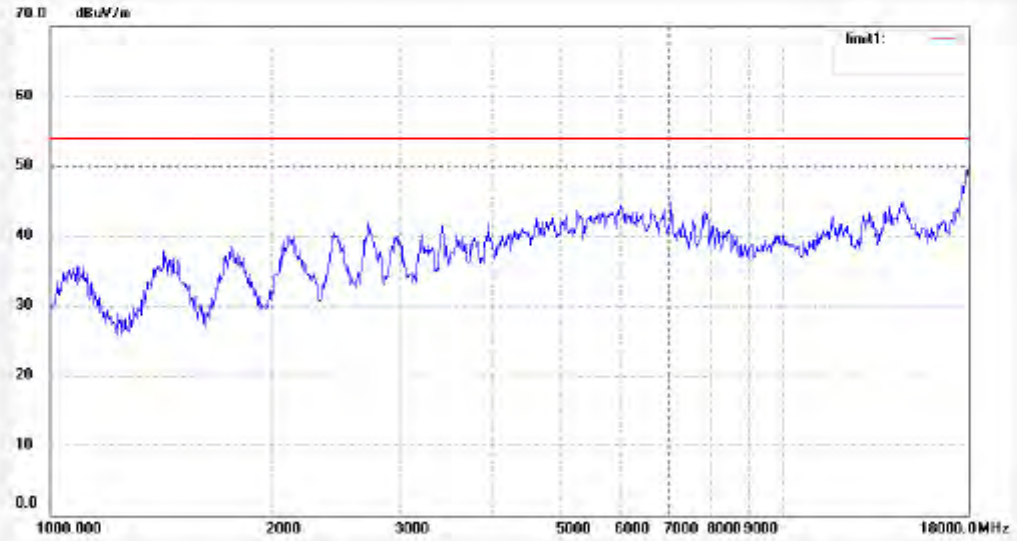
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #78	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:37:11
EUT: MID	Engineer Signature: Kevin
Mode: Channel 3(802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

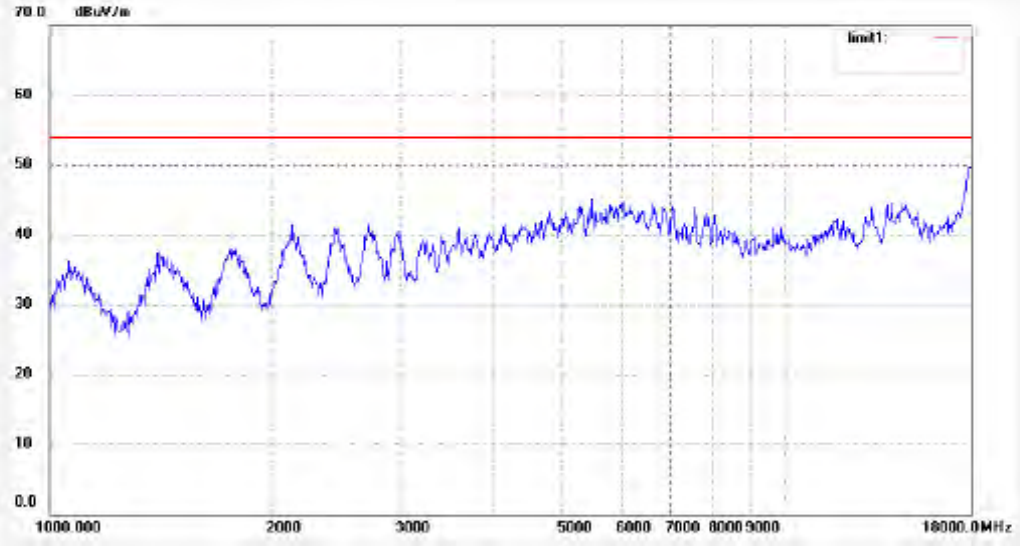


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #77	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:35:58
EUT: MID	Engineer Signature: Kevin
Mode: Channel 3(802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

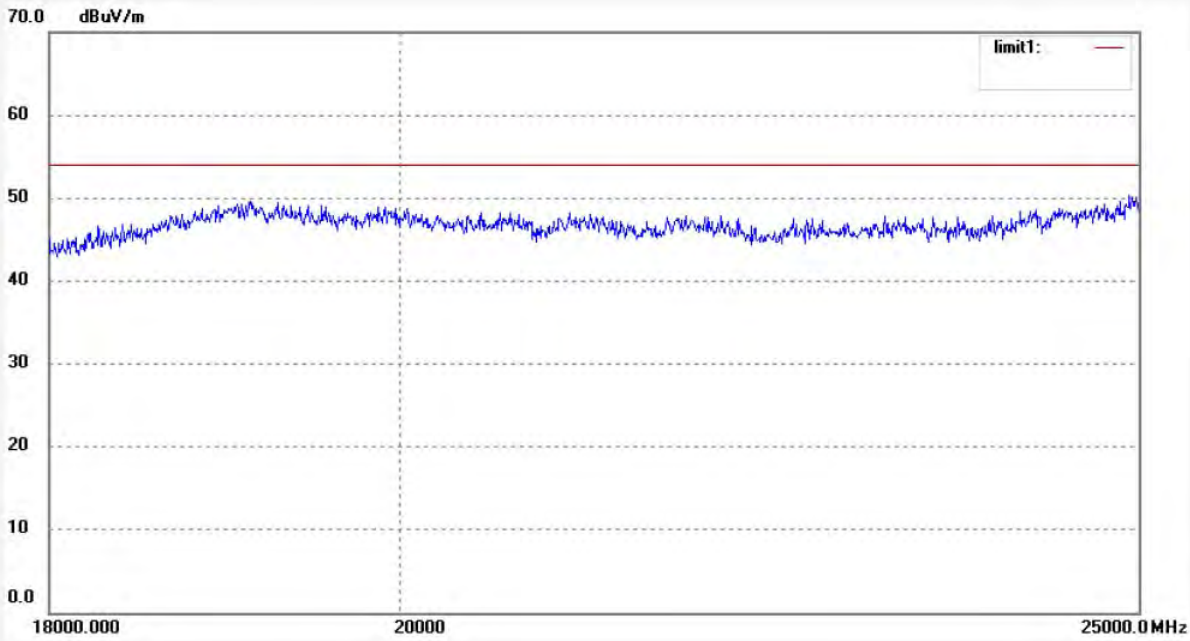


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #101	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:52:09
EUT: MID	Engineer Signature: Kevin
Mode: Channel 3 (802.11n)	Distance:
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

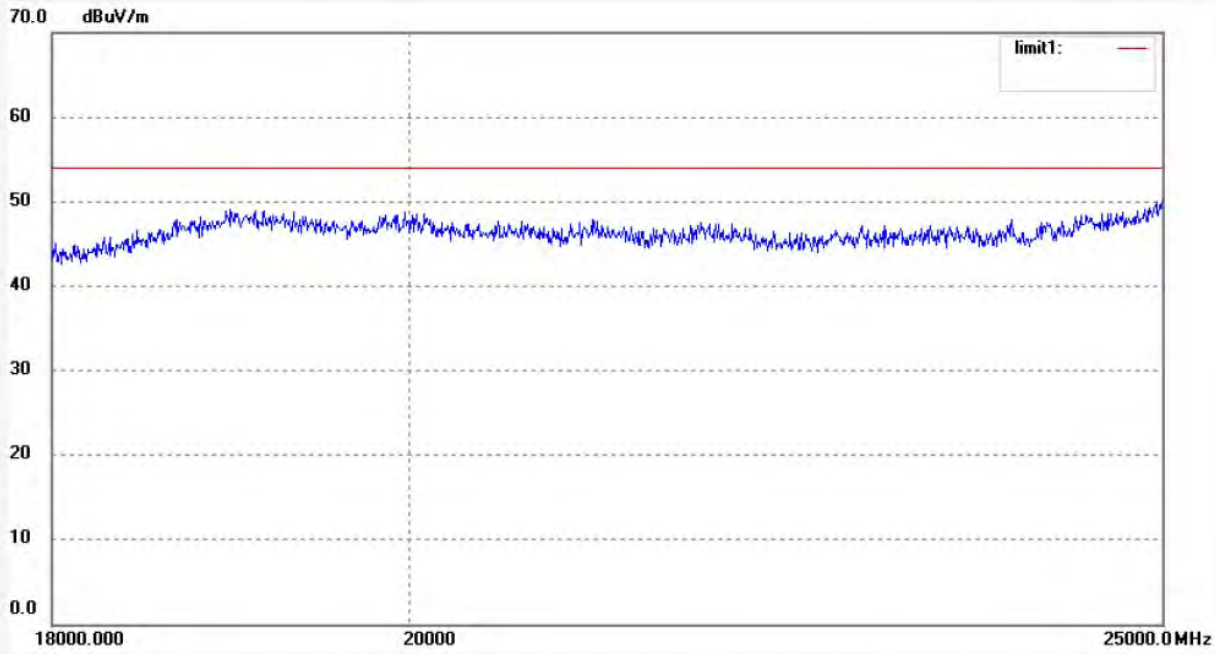


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #102	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:56:43
EUT: MID	Engineer Signature: Kevin
Mode: Channel 3 (802.11n)	Distance:
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



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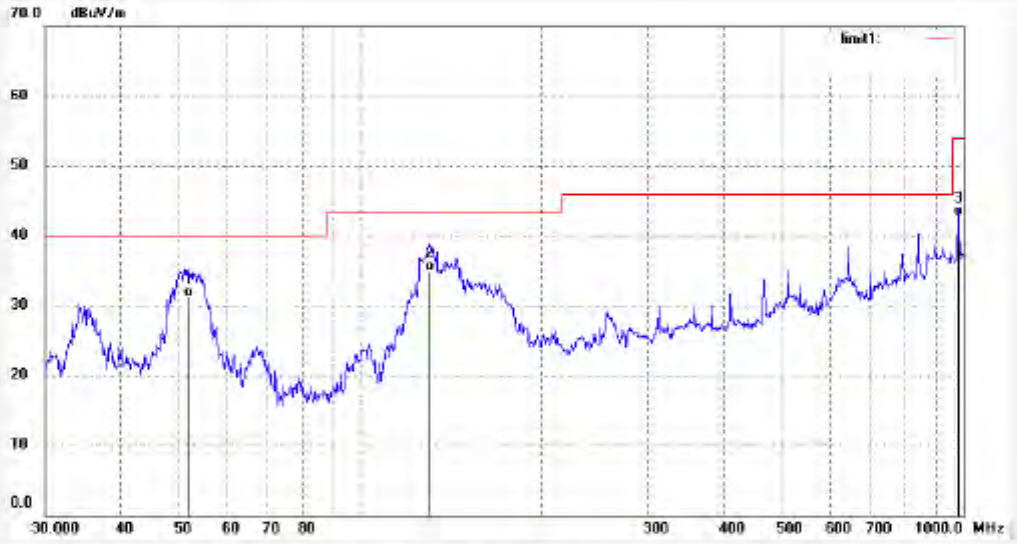
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #128
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:43:05
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	52.0825	17.42	13.88	31.30	40.00	-8.70	QP			
2	130.7632	20.08	14.88	34.96	43.50	-8.54	QP			
3	982.5855	13.01	29.85	42.86	54.00	-11.14	QP			

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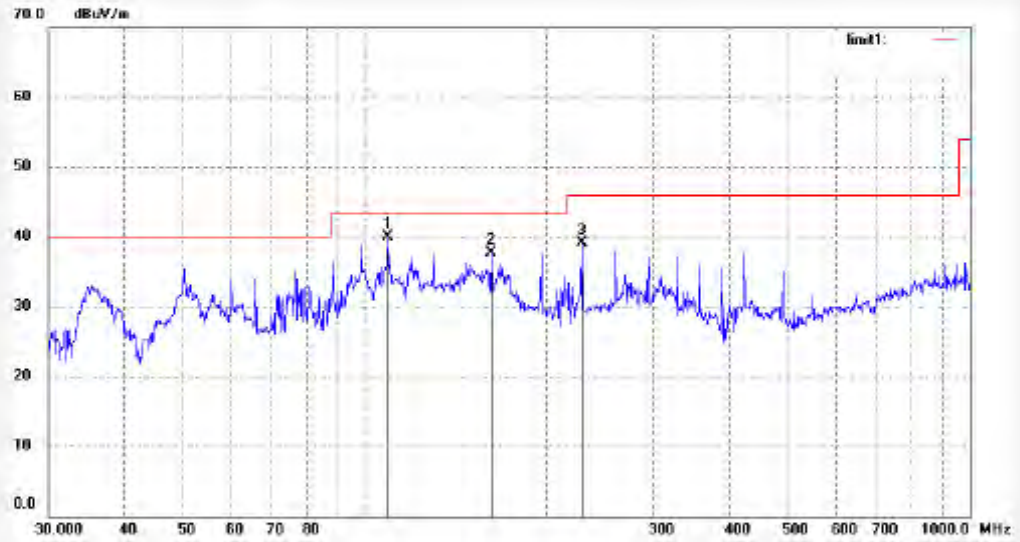
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #127
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 6 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:39:28
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861

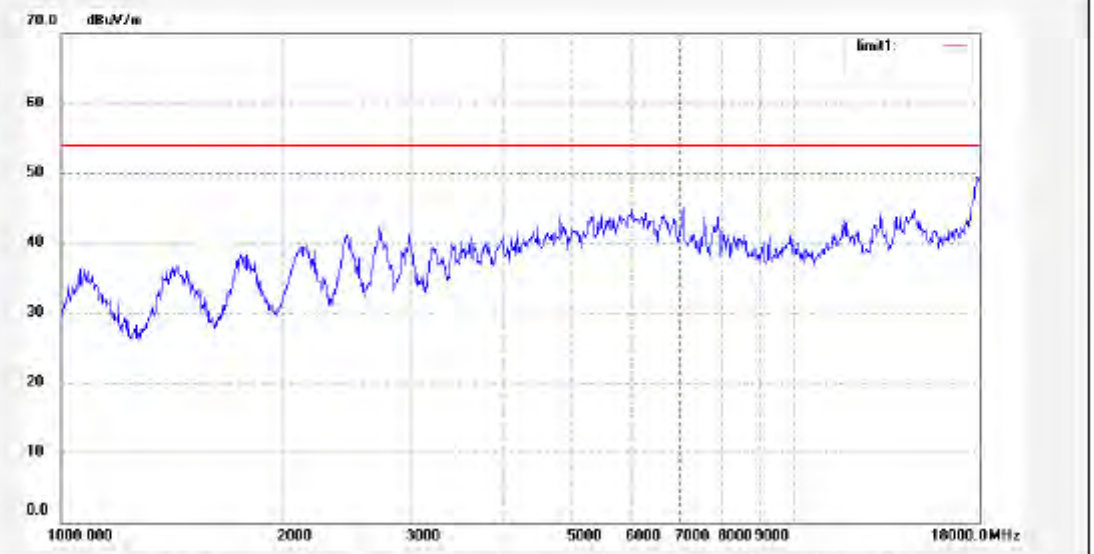


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	109.3110	25.91	14.06	39.97	43.50	-3.53	peak			
2	162.0197	23.07	14.62	37.69	43.50	-5.81	peak			
3	228.6173	22.43	16.69	39.12	46.00	-6.88	peak			

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.: Kevin #79	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:39:24
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6(802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

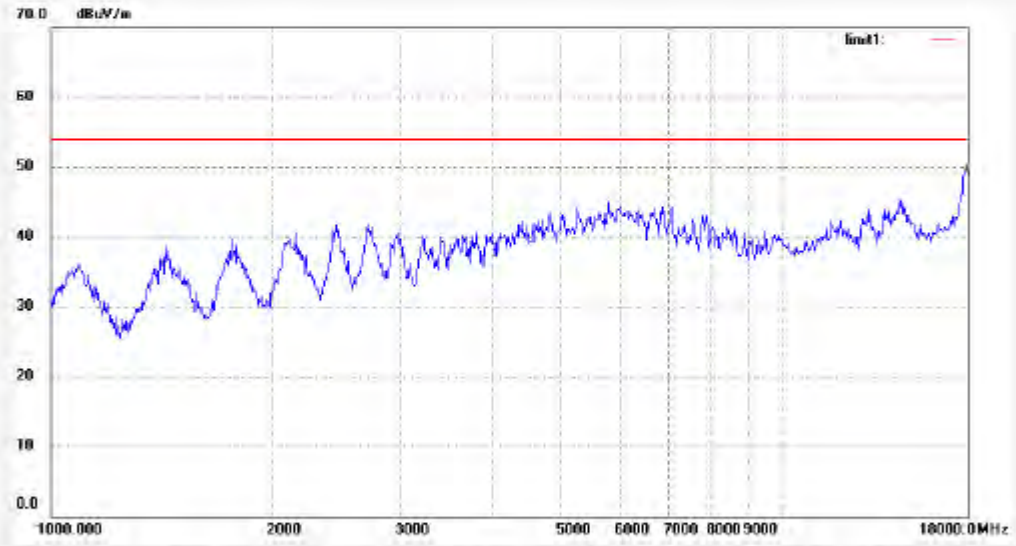


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #80	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:40:56
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6(802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

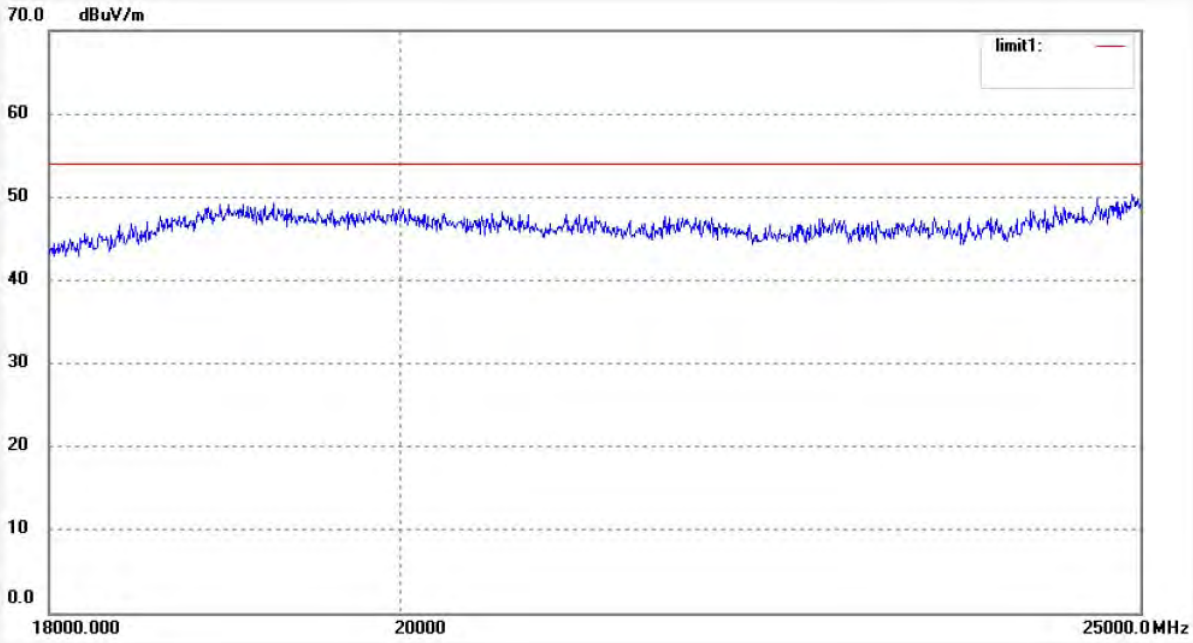


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #104	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:05:30
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11n)	Distance:
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

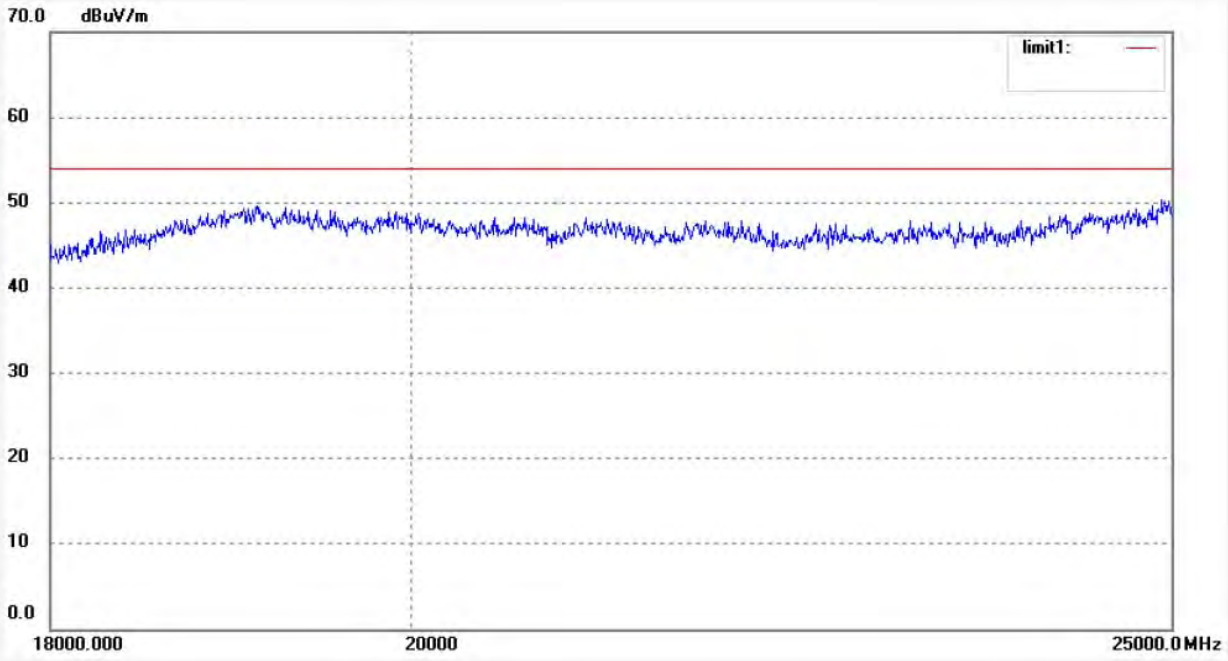


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #103	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 11:52:09
EUT: MID	Engineer Signature: Kevin
Mode: Channel 6 (802.11n)	Distance:
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861



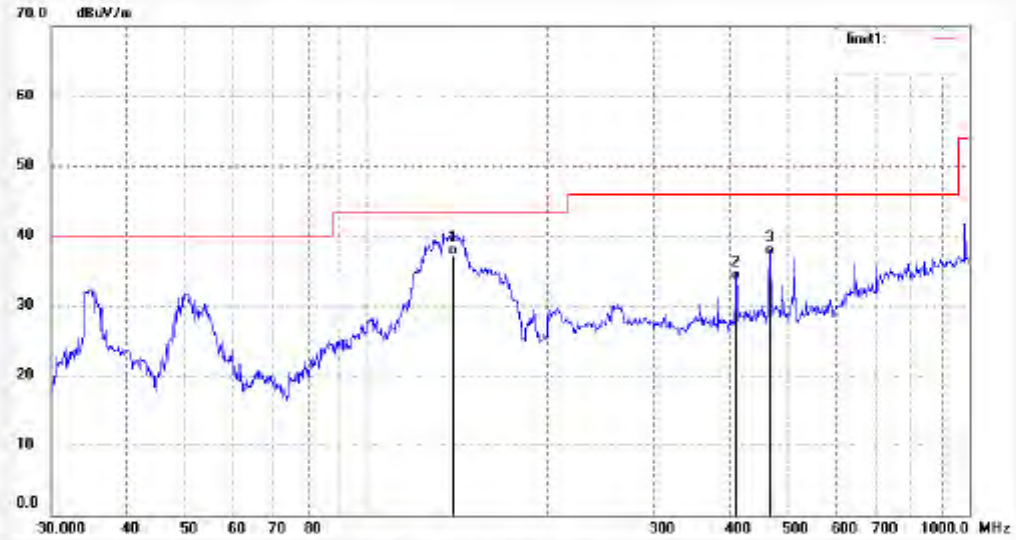
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #129
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 9 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:47:24
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	138.0192	22.69	14.57	37.26	43.50	-6.24	QP			
2	411.0923	10.78	22.90	33.68	46.00	-12.32	QP			
3	468.1650	13.59	23.55	37.14	46.00	-8.86	QP			

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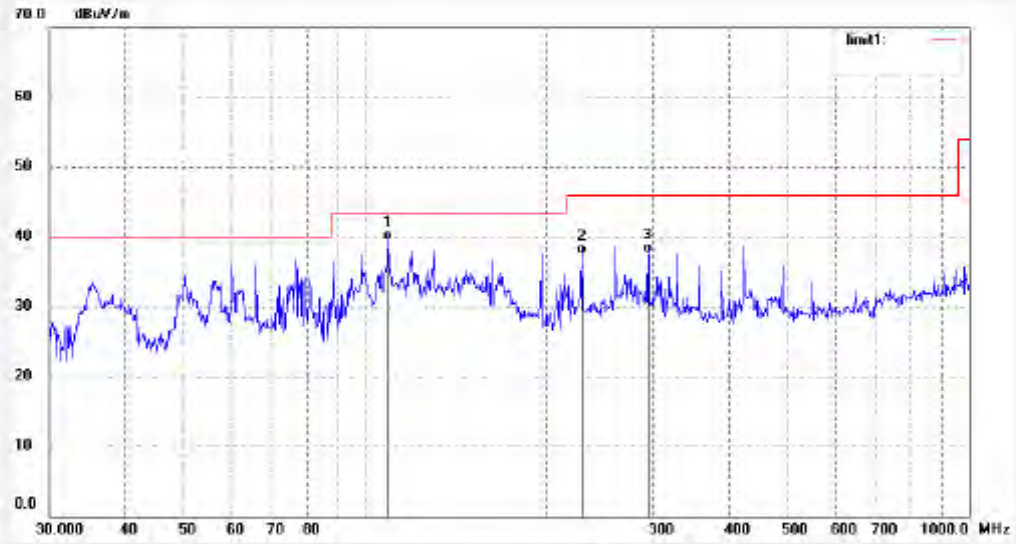
F1,Bldg.A,Changyuan New Material Port Keyuan Rd,
Science & Industry Park,Nanshan Shenzhen,P.R.China
Site: 966 chamber
Tel:+86-0755-26503290
Fax:+86-0755-26503396

Job No.: Kevin #130
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 25 C / 51 %
EUT: MID
Mode: Channel 9 (802.11n)
Model: M700XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: AC 120V/60Hz
Date: 2012/05/14
Time: 19:52:19
Engineer Signature: Kevin
Distance: 3m

Note: Report No.:ATE20120861

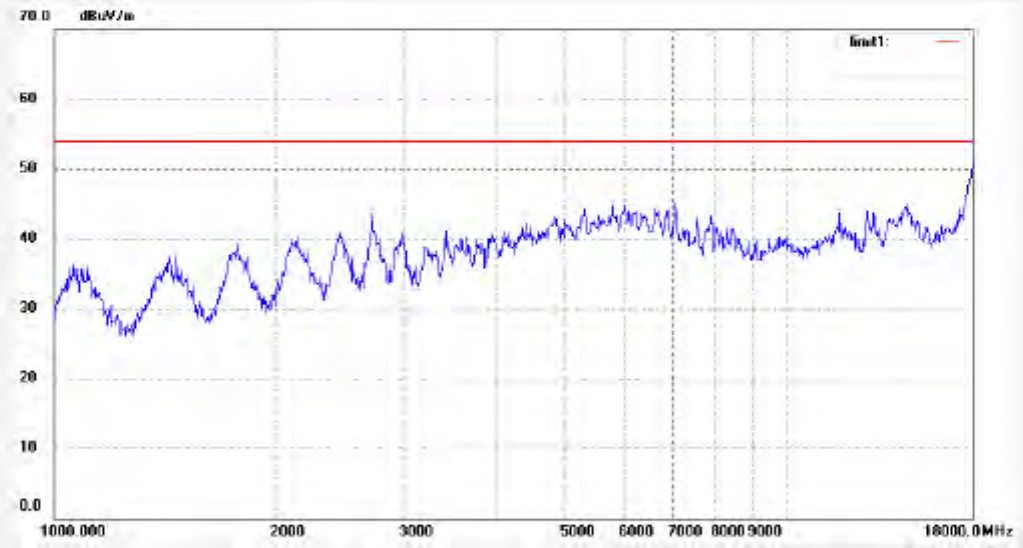


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	109.3110	25.41	14.06	39.47	43.50	-4.03	QP			
2	228.6173	20.93	16.69	37.62	46.00	-8.38	QP			
3	294.4259	19.10	18.60	37.70	46.00	-8.30	QP			

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.: Kevin #82	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:44:17
EUT: MID	Engineer Signature: Kevin
Mode: Channel 9(802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

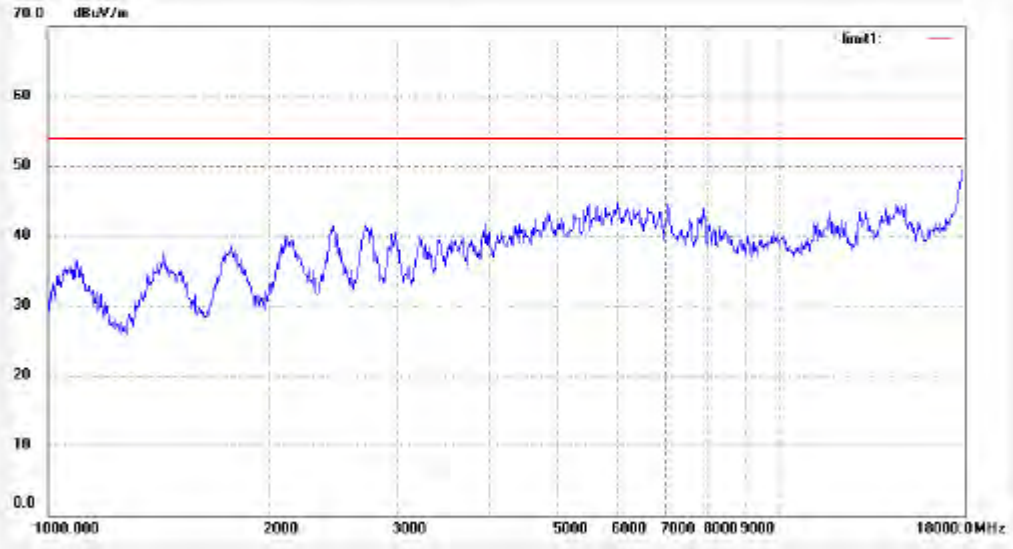


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #81	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/12
Temp.(C)/Hum.(%) 25 C / 51 %	Time: 22:42:52
EUT: MID	Engineer Signature: Kevin
Mode: Channel 9(802.11n)	Distance: 3m
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

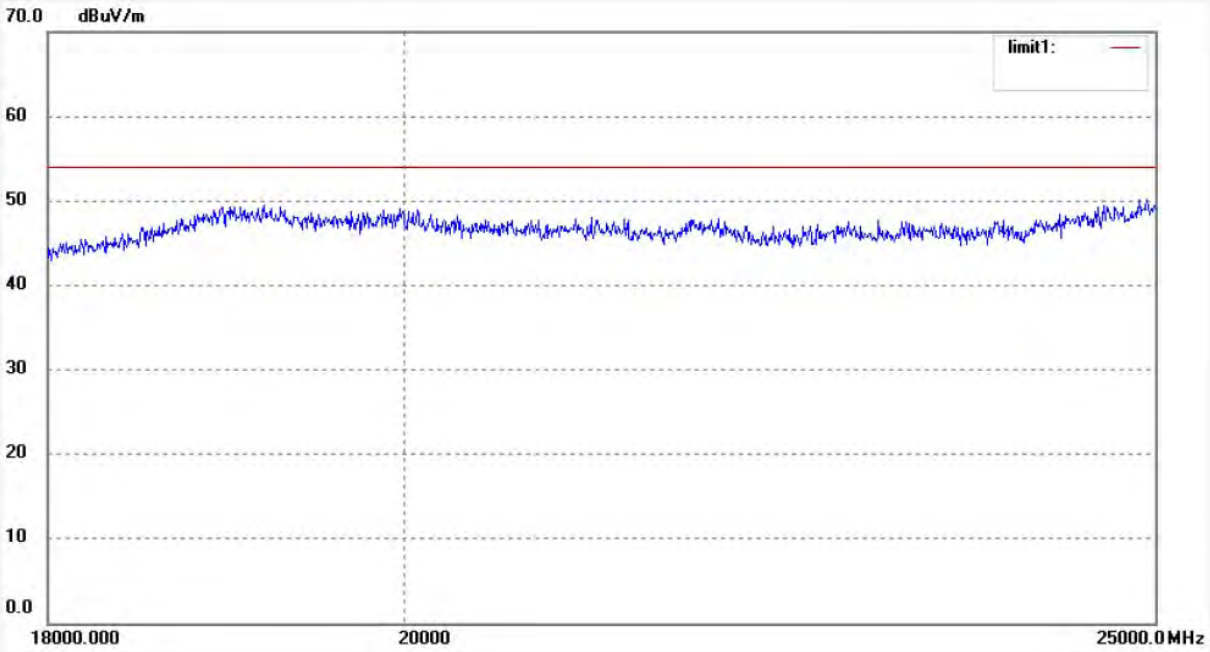


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #105	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:10:22
EUT: MID	Engineer Signature: Kevin
Mode: Channel 9 (802.11n)	Distance:
Model: M700XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20120861

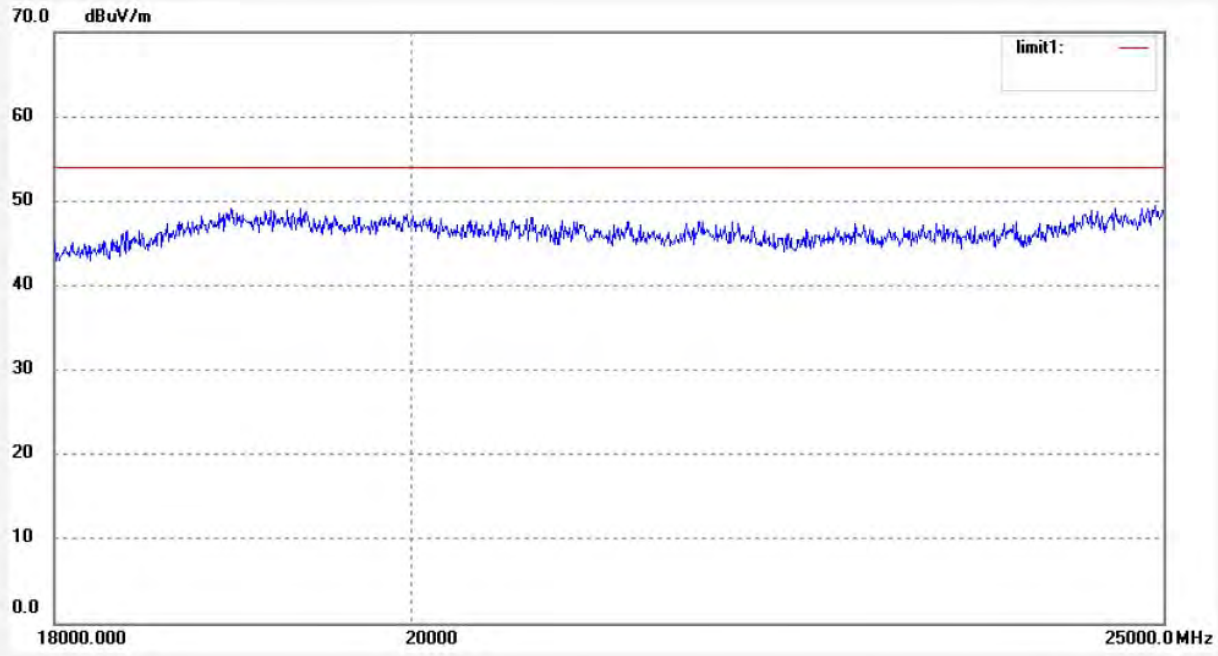


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kevin #106	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: AC 120V/60Hz
Test item: Radiation Test	Date: 2012/05/14
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 12:15:14
EUT: MID	Engineer Signature: Kevin
Mode: Channel 9 (802.11n)	Distance:
Model: M700XX	
Manufacturer: Sungworld	

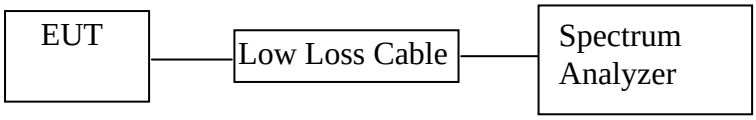
Note: Report No.:ATE20120861



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

10. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

10.1. Block Diagram of Test Setup



(EUT: MID)

10.2. 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).

10.3. EUT Configuration on Measurement

The following equipment is 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.

10.3.1. MID (EUT)

Model Number	:	M700XX
Serial Number	:	N/A
Manufacturer	:	Shenzhen Sungworld Electronics Co., Ltd.

10.4.Operating Condition of EUT

10.4.1.Setup the EUT and simulator as shown as Section 10.1.

10.4.2.Turn on the power of all equipment.

10.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

10.5.Test Procedure

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

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

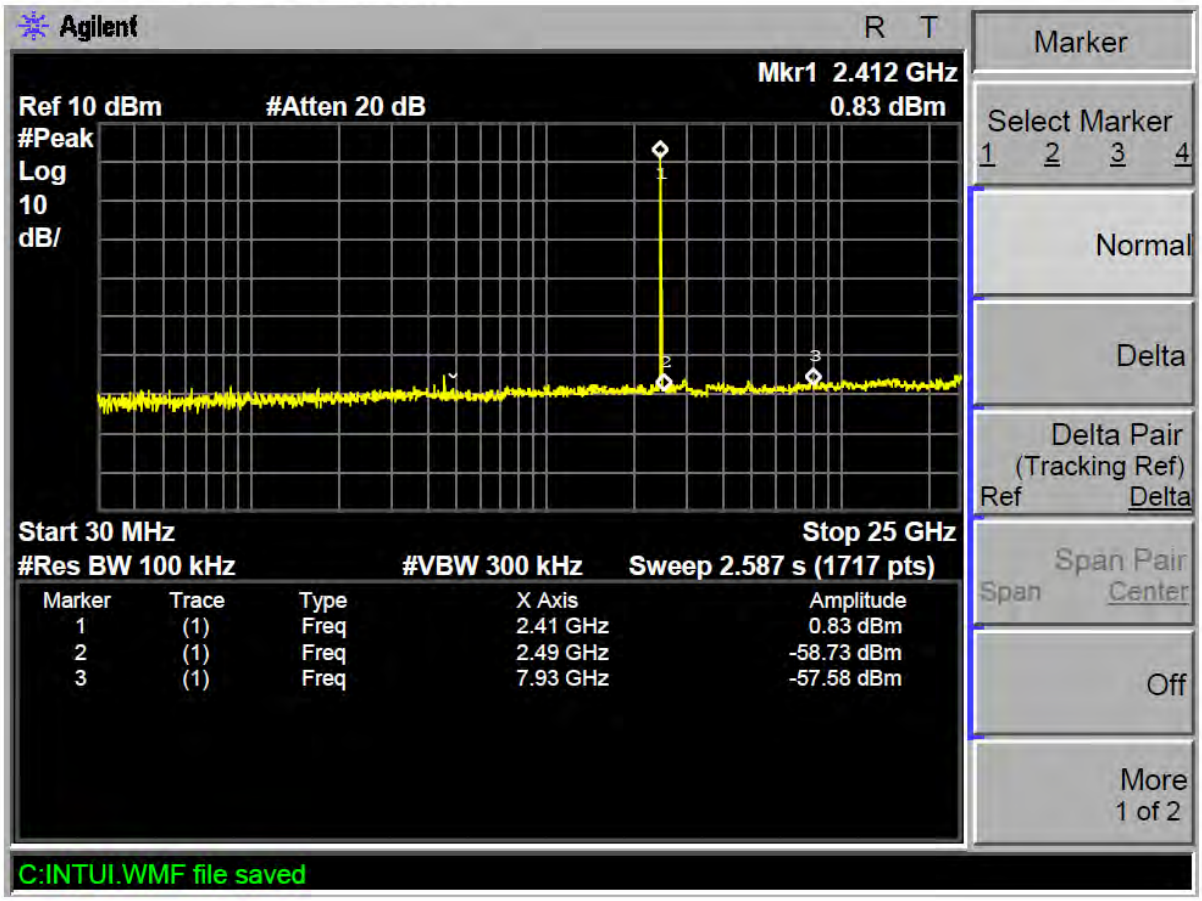
10.5.3.The Conducted Spurious Emission was measured and recorded.

10.6.Test Result

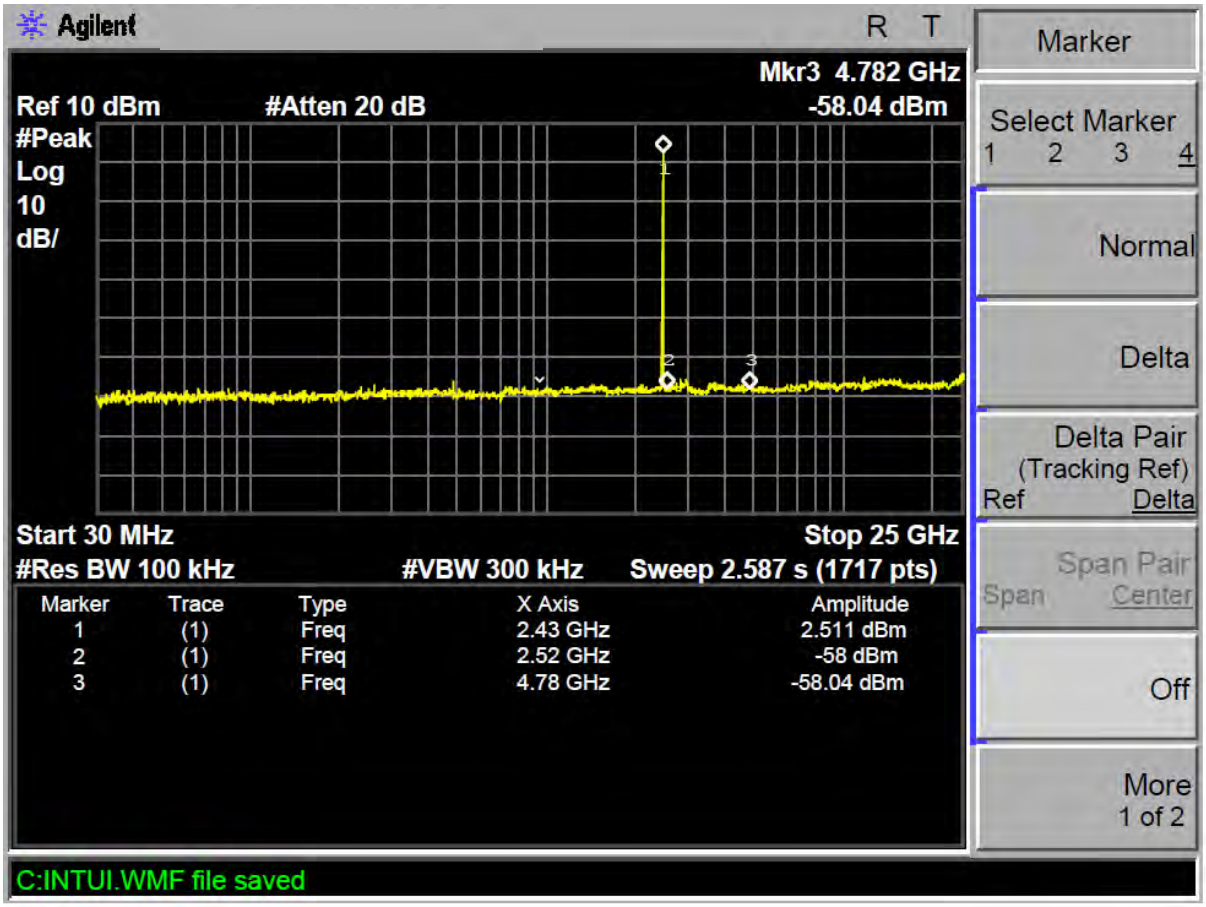
Pass.

The spectrum analyzer plots are attached as below.

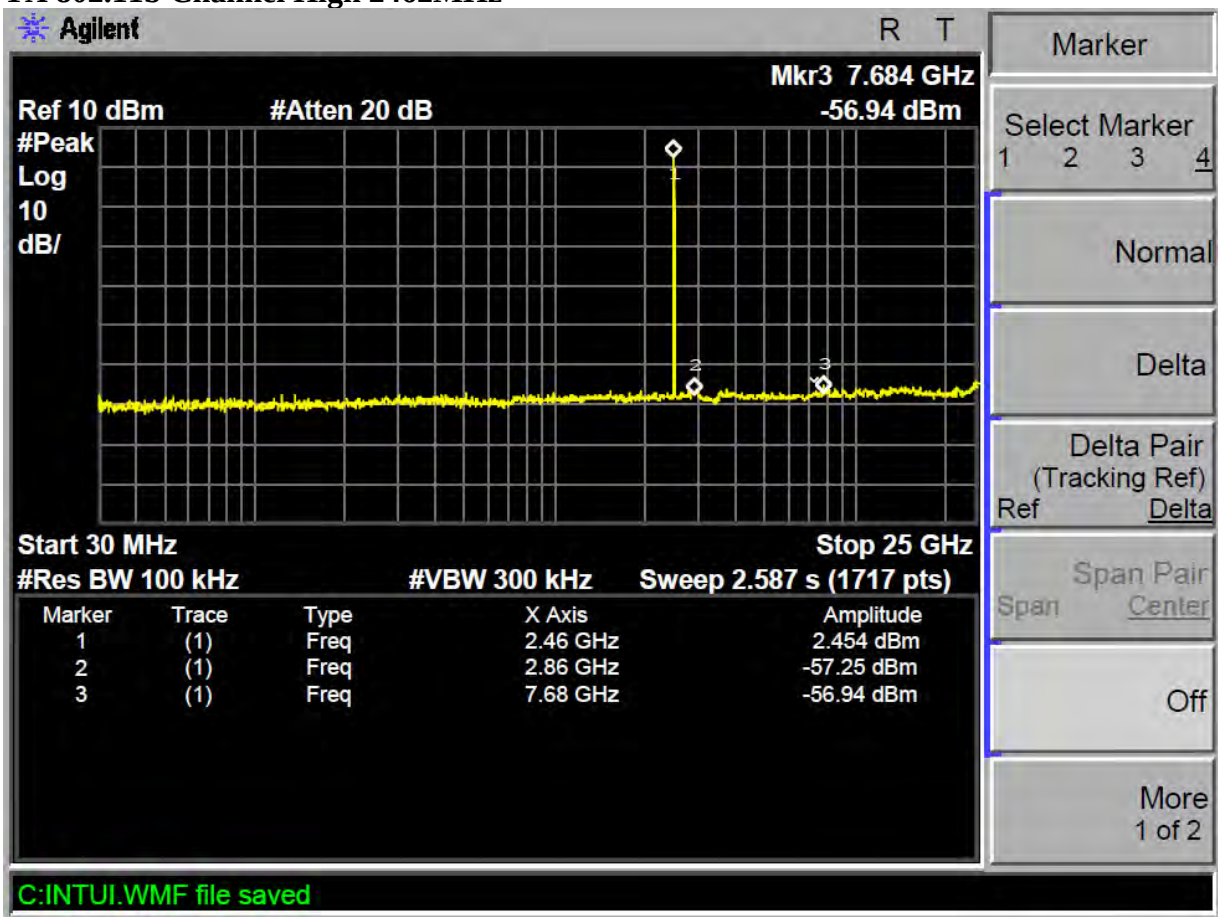
TX 802.11b Channel Low 2412MHz



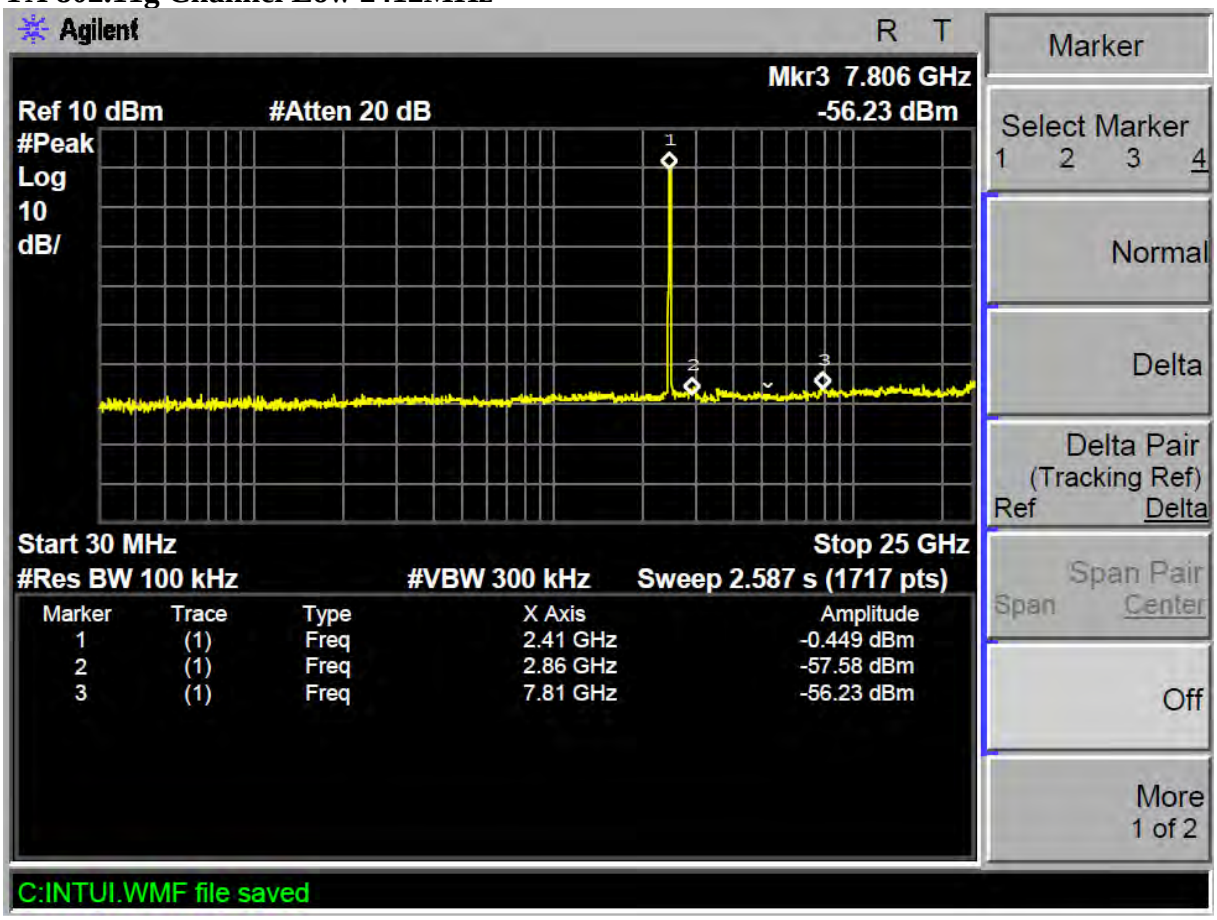
TX 802.11b Channel Middle 2437MHz



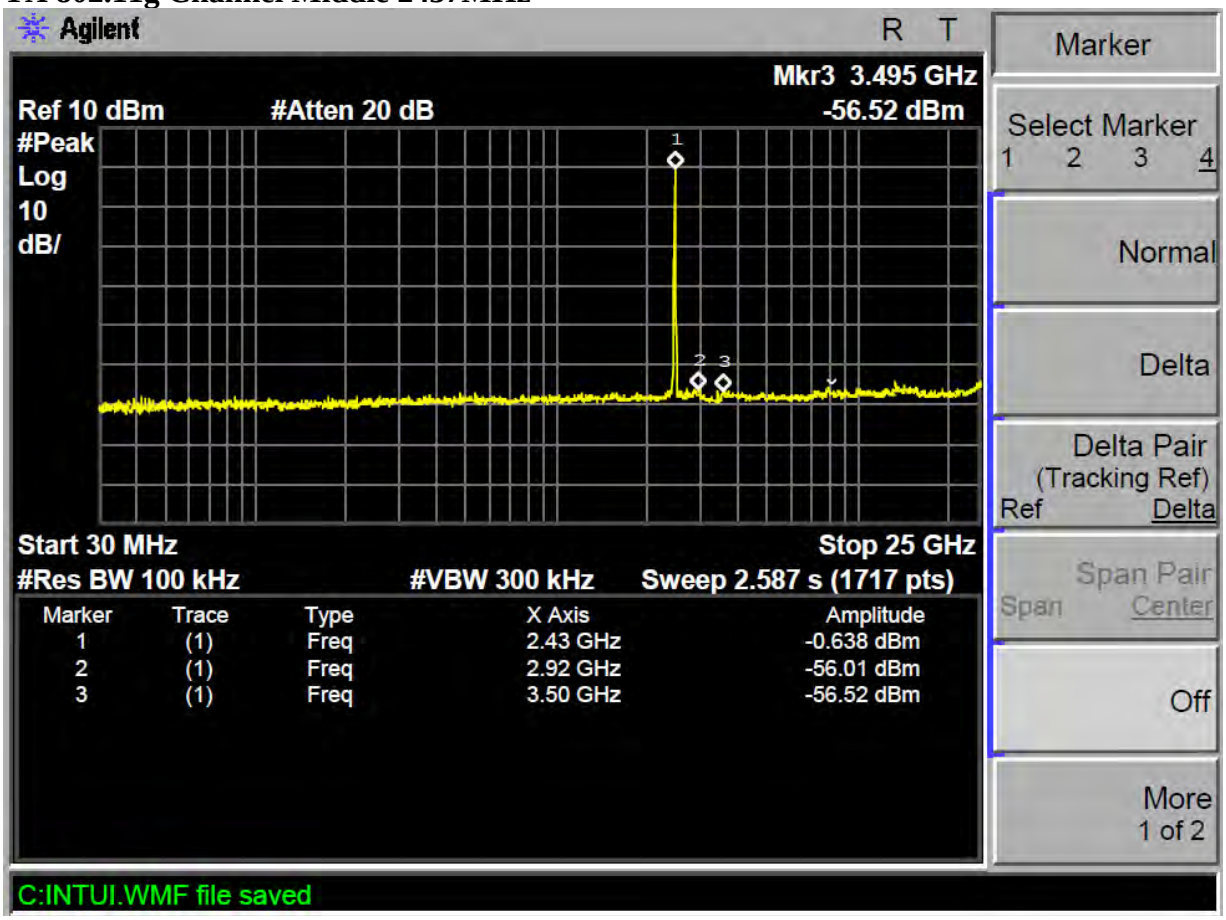
TX 802.11b Channel High 2462MHz



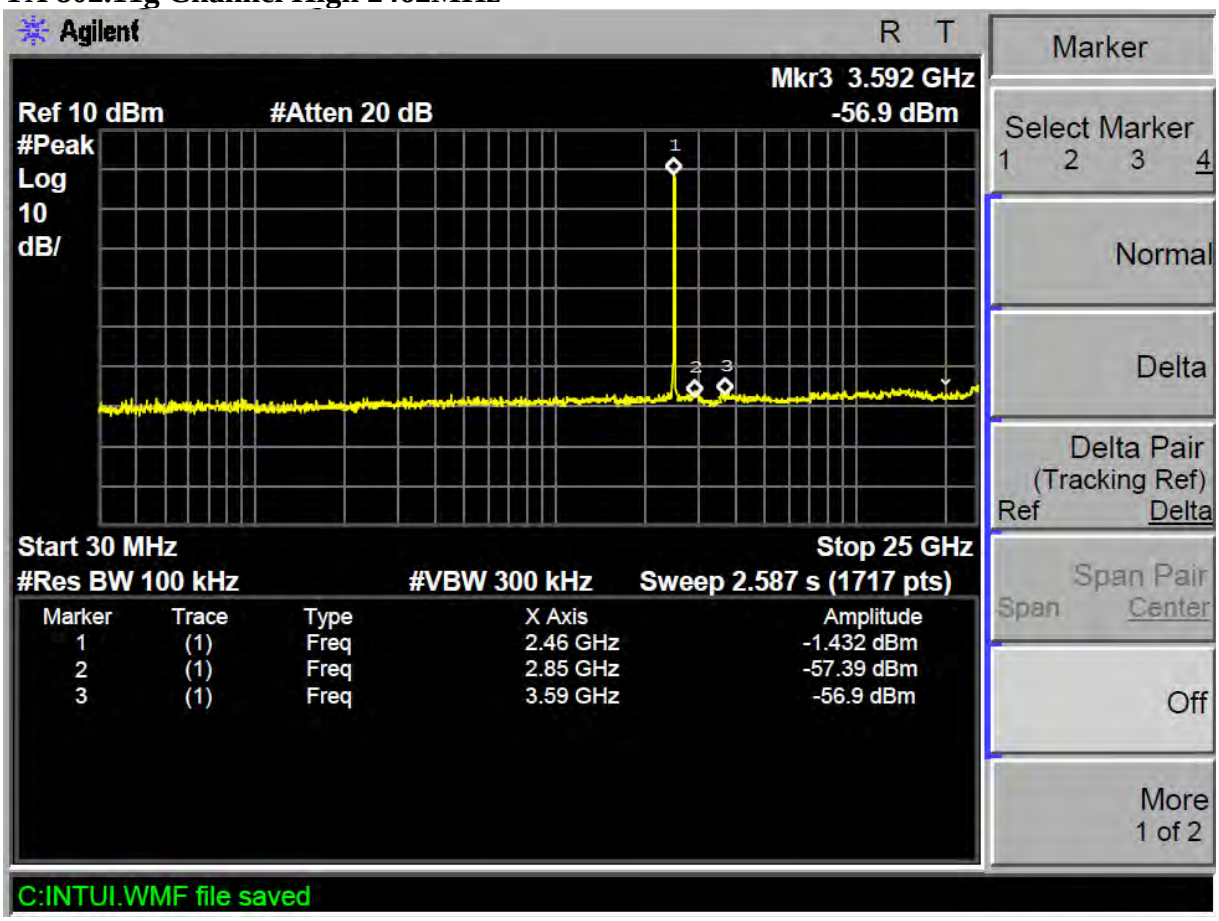
TX 802.11g Channel Low 2412MHz



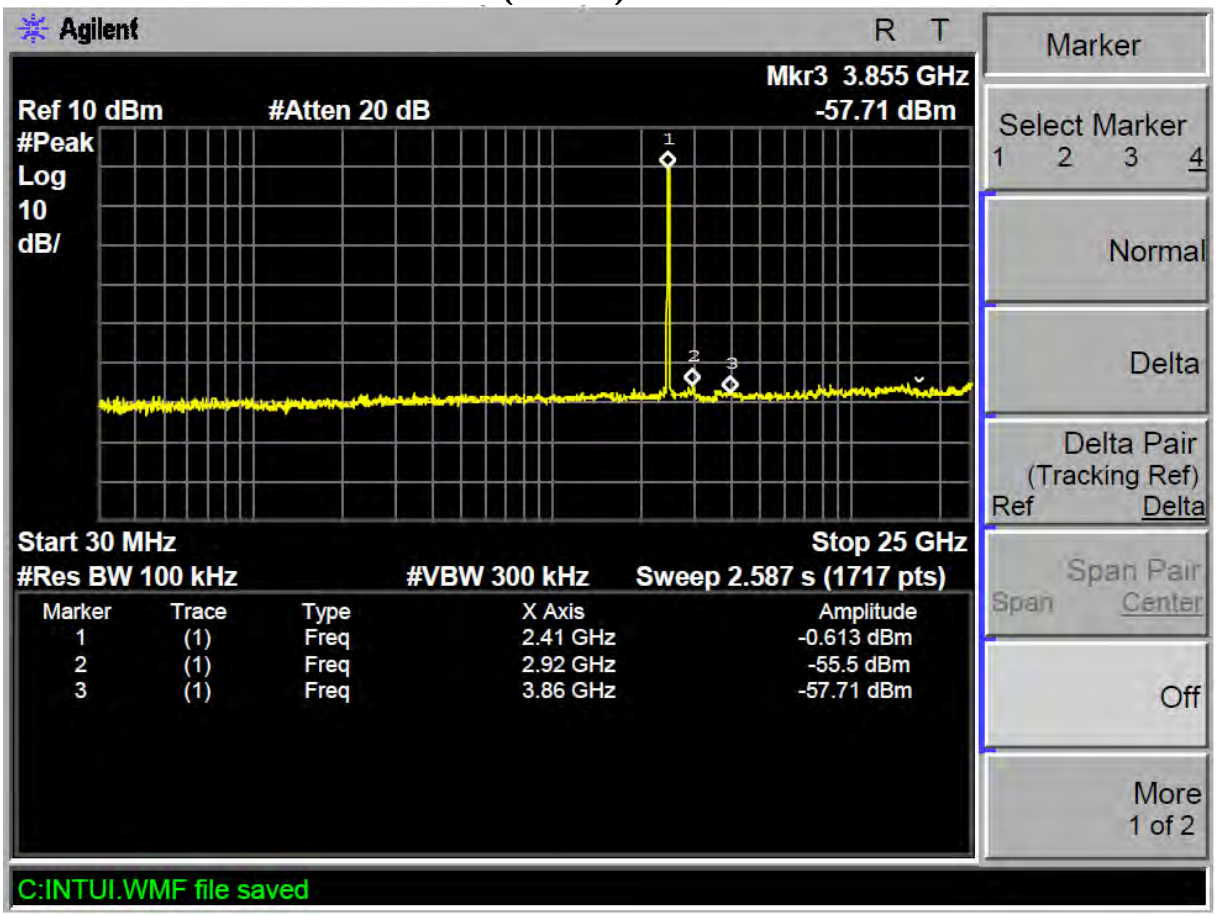
TX 802.11g Channel Middle 2437MHz



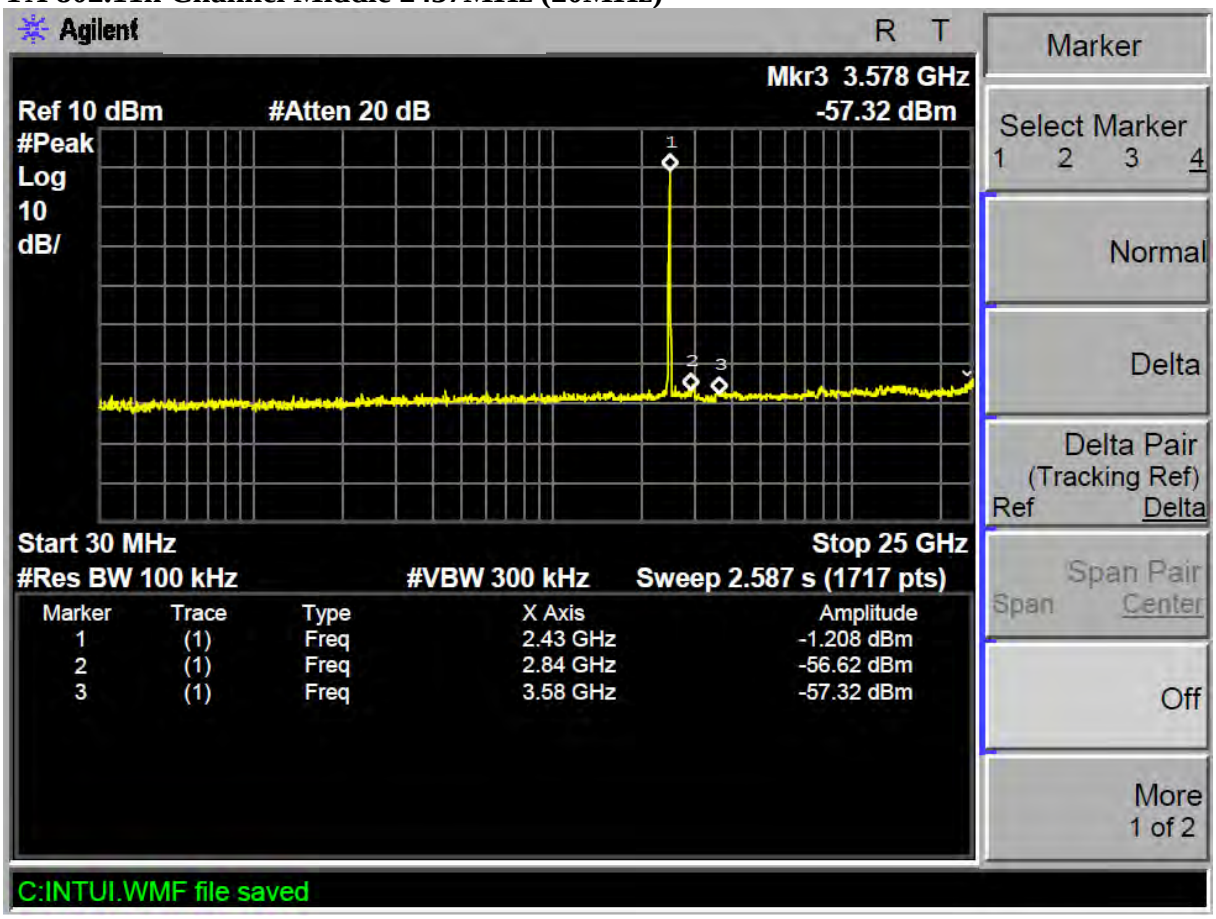
TX 802.11g Channel High 2462MHz



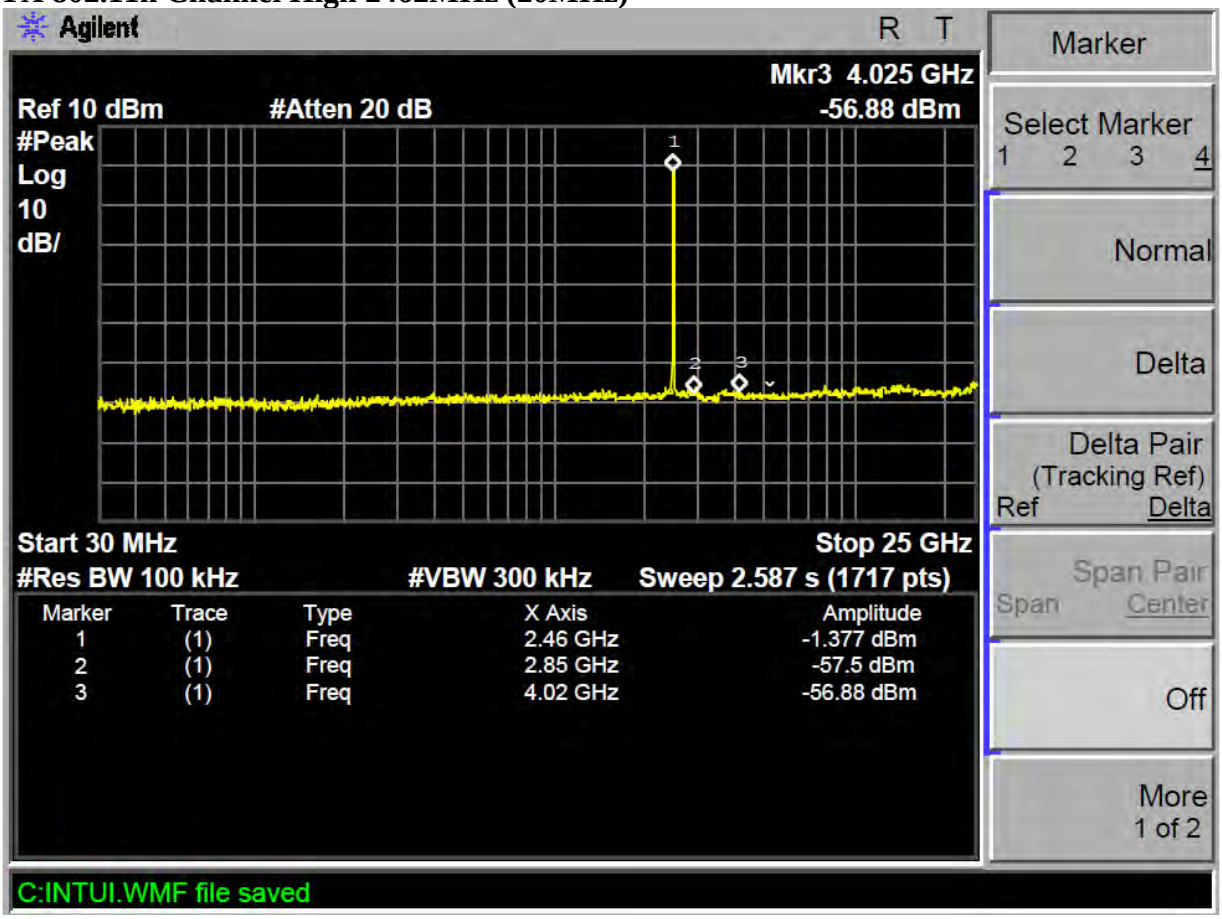
TX 802.11n Channel Low 2412MHz (20MHz)



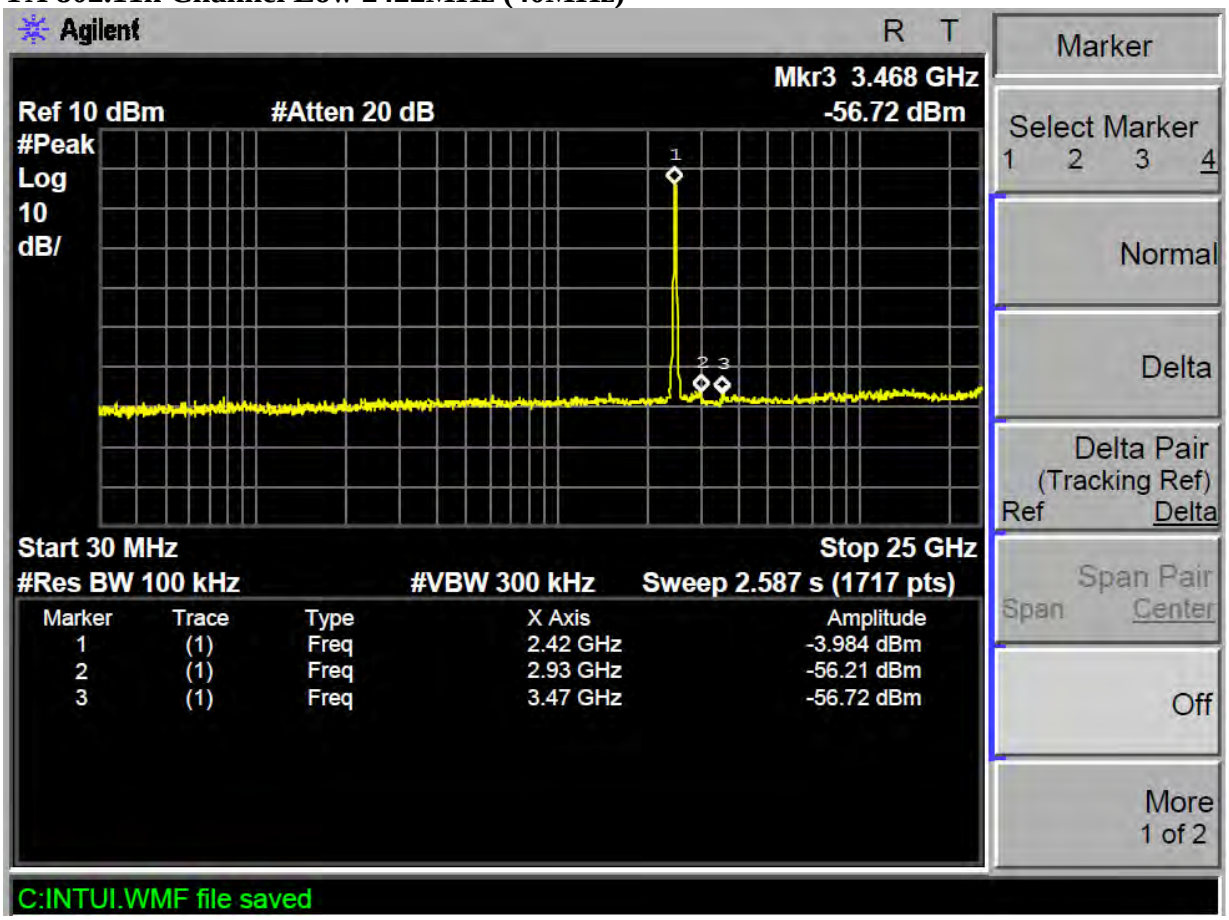
TX 802.11n Channel Middle 2437MHz (20MHz)



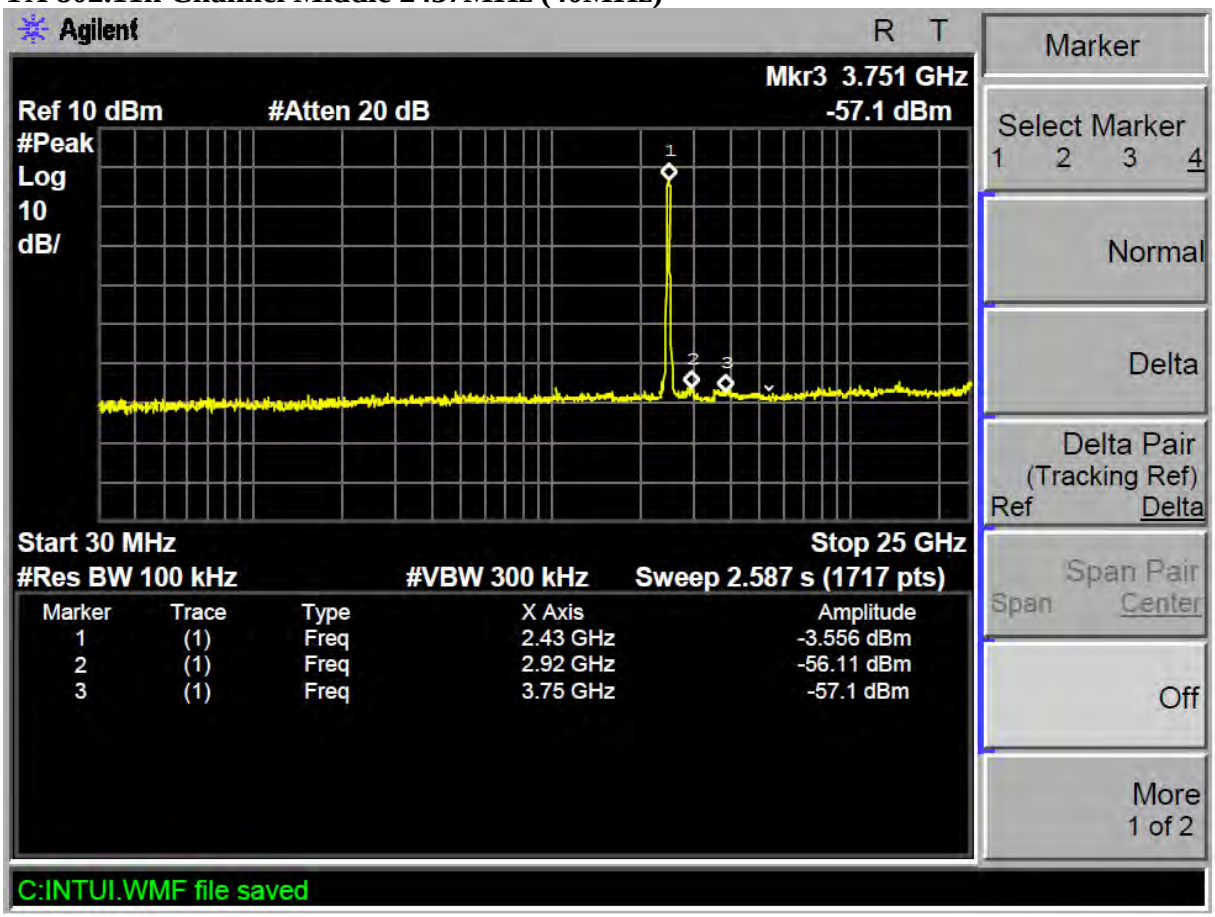
TX 802.11n Channel High 2462MHz (20MHz)



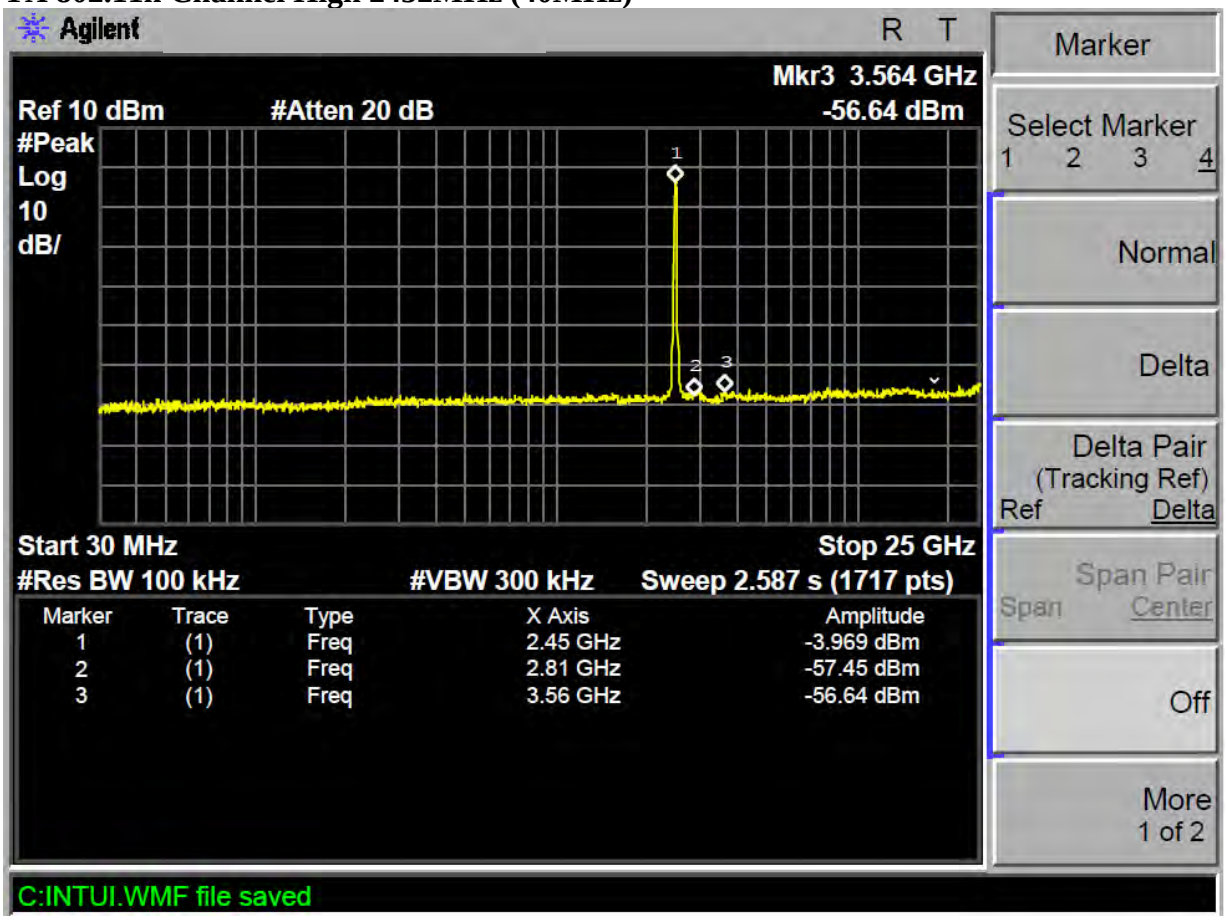
TX 802.11n Channel Low 2422MHz (40MHz)



TX 802.11n Channel Middle 2437MHz (40MHz)



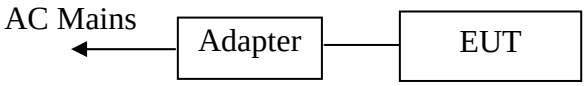
TX 802.11n Channel High 2452MHz (40MHz)



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

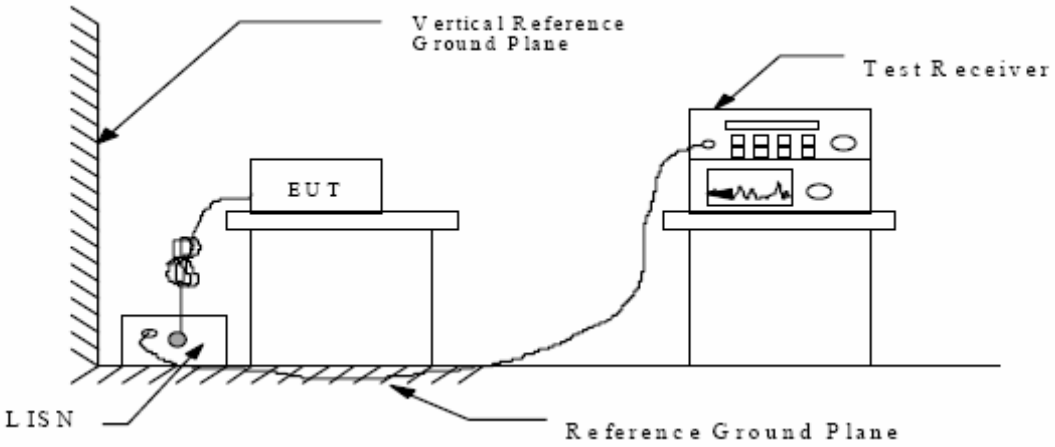
11.1. Block Diagram of Test Setup

11.1.1. Block diagram of connection between the EUT and simulators



(EUT: MID)

11.1.2. Shielding Room Test Setup Diagram



(EUT: MID)

11.2. The Emission Limit

11.2.1. 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.

11.3.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.

11.3.1.MID (EUT)

Model Number	**:**	M700XX
Serial Number	**:**	N/A
Manufacturer	**:**	Shenzhen Sungworld Electronics Co., Ltd.

11.4.Operating Condition of EUT

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

11.4.2.Turn on the power of all equipment.

11.4.3.Let the EUT work in TX (Charging) mode measure it.

11.5.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.

11.6.Power Line Conducted Emission Measurement Results

PASS.

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

Date of Test:	May 15, 2012	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M700XX	Power Supply:	AC 120V/60Hz
Test Mode:	Charging	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.199949	57.30	63.6	-6.3	QP	Neutral
0.302848	47.80	60.2	-12.4	QP	
0.498814	46.80	56	-9.2	QP	
0.199949	46.20	53.6	-7.4	AV	
0.500809	38.80	46	-7.2	AV	
2.009114	39.00	46	-7.0	AV	
0.199949	59.30	63.6	-4.3	QP	Live
0.300440	51.90	60.2	-8.3	QP	
0.500809	44.00	56	-12.0	QP	
0.199949	48.70	53.6	-4.9	AV	
0.500809	37.70	46	-8.3	AV	
2.107702	37.30	46	-8.7	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

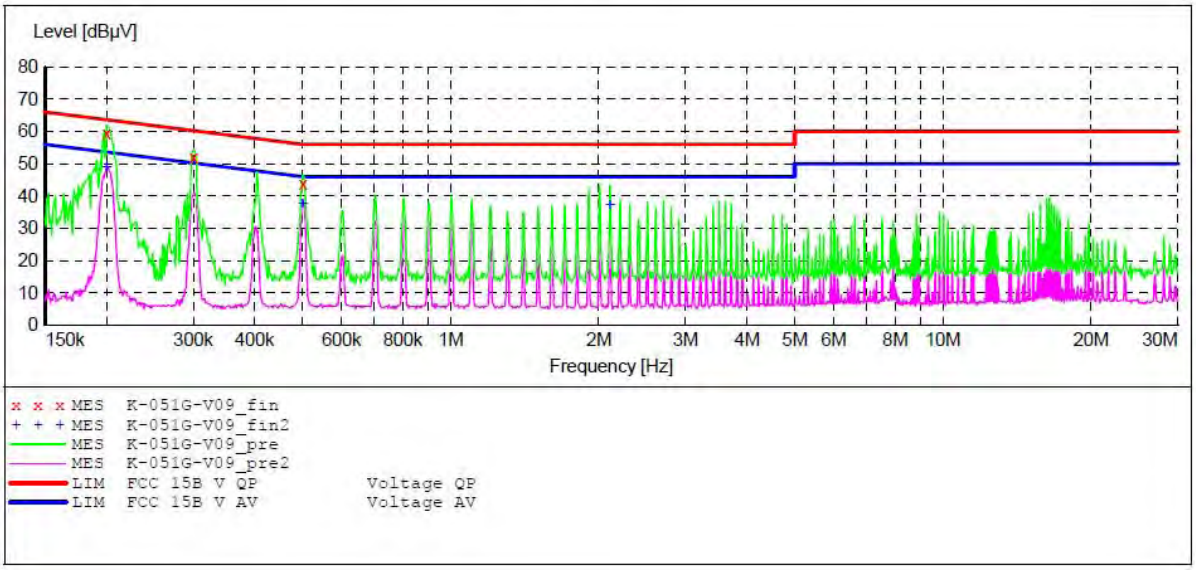
CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  MID     M/N:M700XX
Manufacturer:         Sungworld
Operating Condition:  Charging
Test Site:            1#Shielding Room
Operator:             Kevin
Test Specification:   L 120V/60Hz
Comment:              Report No.:ATE20120861
Start of Test:        5/15/2012 / 12:38:35PM
```

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: "K-051G-V09_fin"

5/15/2012 12:40PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199949	59.30	11.2	63.6	4.3	QP	L1	GND
0.300440	51.90	11.6	60.2	8.3	QP	L1	GND
0.500809	44.00	12.0	56	12.0	QP	L1	GND

MEASUREMENT RESULT: "K-051G-V09_fin2"

5/15/2012 12:40PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199949	48.70	11.2	53.6	4.9	AV	L1	GND
0.500809	37.70	12.0	46	8.3	AV	L1	GND
2.107702	37.30	11.6	46	8.7	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

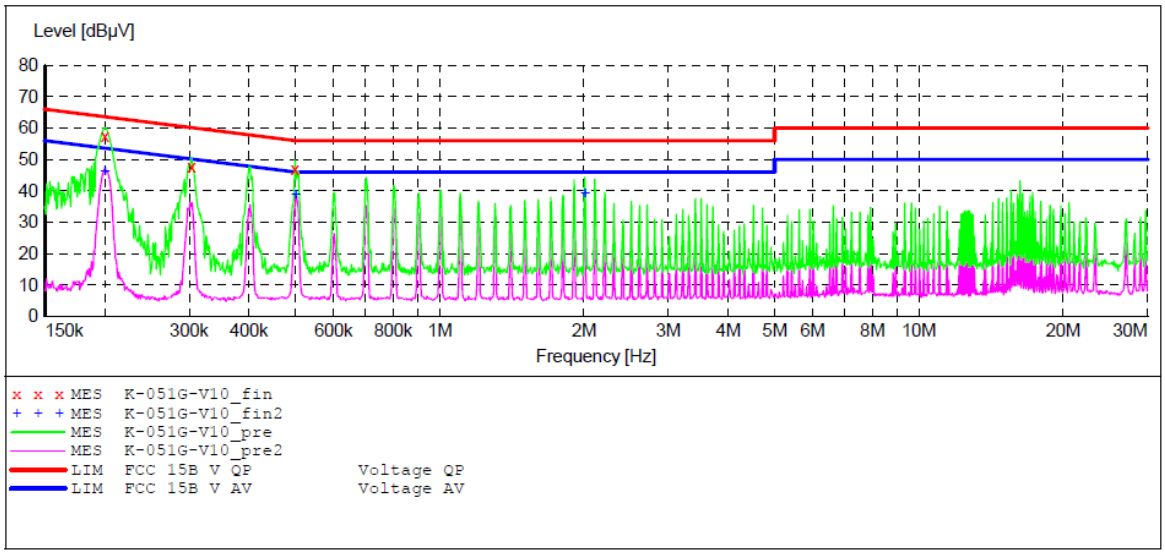
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: MID M/N:M700XX
Manufacturer: Sungworld
Operating Condition: Charging
Test Site: 1#Shielding Room
Operator: Kevin
Test Specification: N 120V/60Hz
Comment: Report No.:ATE20120861
Start of Test: 5/15/2012 / 12:41:03PM

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: "K-051G-V10_fin"

5/15/2012 12:43PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199949	57.30	11.2	63.6	6.3	QP	N	GND
0.302848	47.80	11.6	60.2	12.4	QP	N	GND
0.498814	46.80	12.0	56	9.2	QP	N	GND

MEASUREMENT RESULT: "K-051G-V10_fin2"

5/15/2012 12:43PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.199949	46.20	11.2	53.6	7.4	AV	N	GND
0.500809	38.80	12.0	46	7.2	AV	N	GND
2.009114	39.00	11.7	46	7.0	AV	N	GND

12. ANTENNA REQUIREMENT

12.1. 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.

12.2. Antenna Construction

Device is equipped with unique antenna, which isn't displaced by other antenna. Therefore, the equipment complies with the antenna requirement of Section 15.203.