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

MID
Model No.: M7000XX

FCC ID: WI3-M7000XX1

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
		Tel: (0755) 26503290 Fax: (0755) 26503396

Report Number	:	ATE20112629
Date of Test	:	Dec. 6-16, 2011
Date of Report	:	Dec. 16, 2011

TABLE OF CONTENTS

Description Page

Test Report Certification

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

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

EUT Description **:** MID

(A) MODEL NO.: M7000XX

(B) SERIAL NO.: N/A

(C) POWER SUPPLY: DC 3.7V (Li-polymer battery);
AC 120V/60Hz (Adaptor input)

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 : Dec. 6-16, 2011

Prepared by :

(Engineer)

Approved & Authorized Signer :

(Manager)

1. GENERAL INFORMATION

1.1.Description of Device (EUT)

EUT	:	MID
Model Number	:	M7000XX
Frequency Band	:	2412-2462MHz
Number of Channels	:	11
Antenna Gain	:	1dBi
Power Supply	:	DC 3.7V (Li-polymer battery); AC 120V/60Hz (Adaptor input)
Adapter	:	Model number: SY9W01-5V Input: AC 100-240V; 50/60Hz 0.3A Output: DC 5V; 2A Output line: Non-shielded, Non-detachable, 1.4m
Data Rate	:	IEEE 802.11b: 11Mbps IEEE 802.11g: 54Mbps IEEE 802.11n: 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	:	Dec. 6, 2011
Date of Test	:	Dec. 6-16, 2011

1.2.Description of Test Facility

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

1.3.Measurement Uncertainty

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

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 15, 2012
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 15, 2012
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 15, 2012
Pre-Amplifier	Rohde&Schwarz	CBLU1183540-01	3791	Jan. 15, 2012
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 15, 2012
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 15, 2012
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 15, 2012
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 15, 2012
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 15, 2012
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 15, 2012

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

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

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

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

3.2.Configuration and peripherals

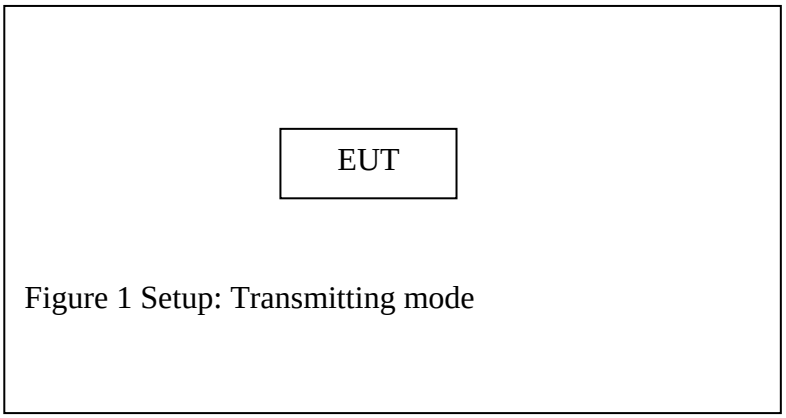


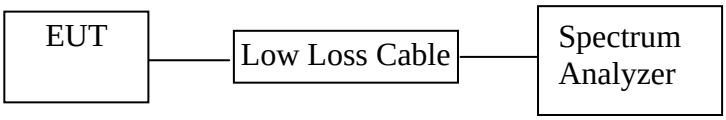
Figure 1 Setup: Transmitting mode

4. TEST PROCEDURES AND RESULTS

FCC Rules	Description of Test	Result
Section 15.247(a)(2)	6dB Bandwidth Test	Compliant
Section 15.247(e)	Power Spectral Density Test	Compliant
Section 15.247(b)(3)	Maximum Peak Output Power Test	Compliant
Section 15.247(d)	Band Edge Compliance Test	Compliant
Section 15.247(d) Section 15.209	Radiated Spurious Emission Test	Compliant
Section 15.247(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	:	M7000XX
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 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

5.5.Test Procedure

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

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

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

5.6.Test Result

PASS.

Date of Test:	Dec. 10, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b

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

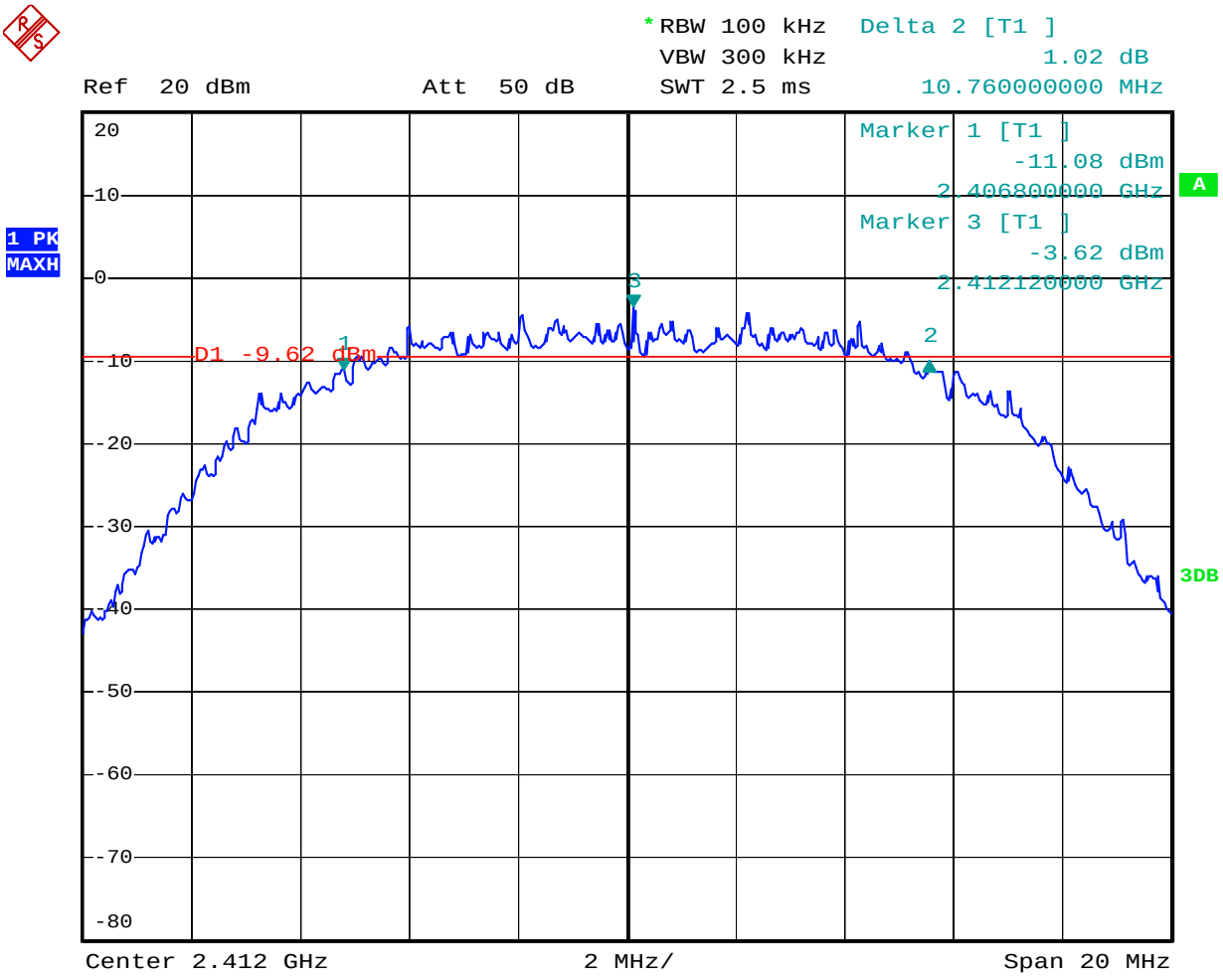
The test was performed with 802.11g

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

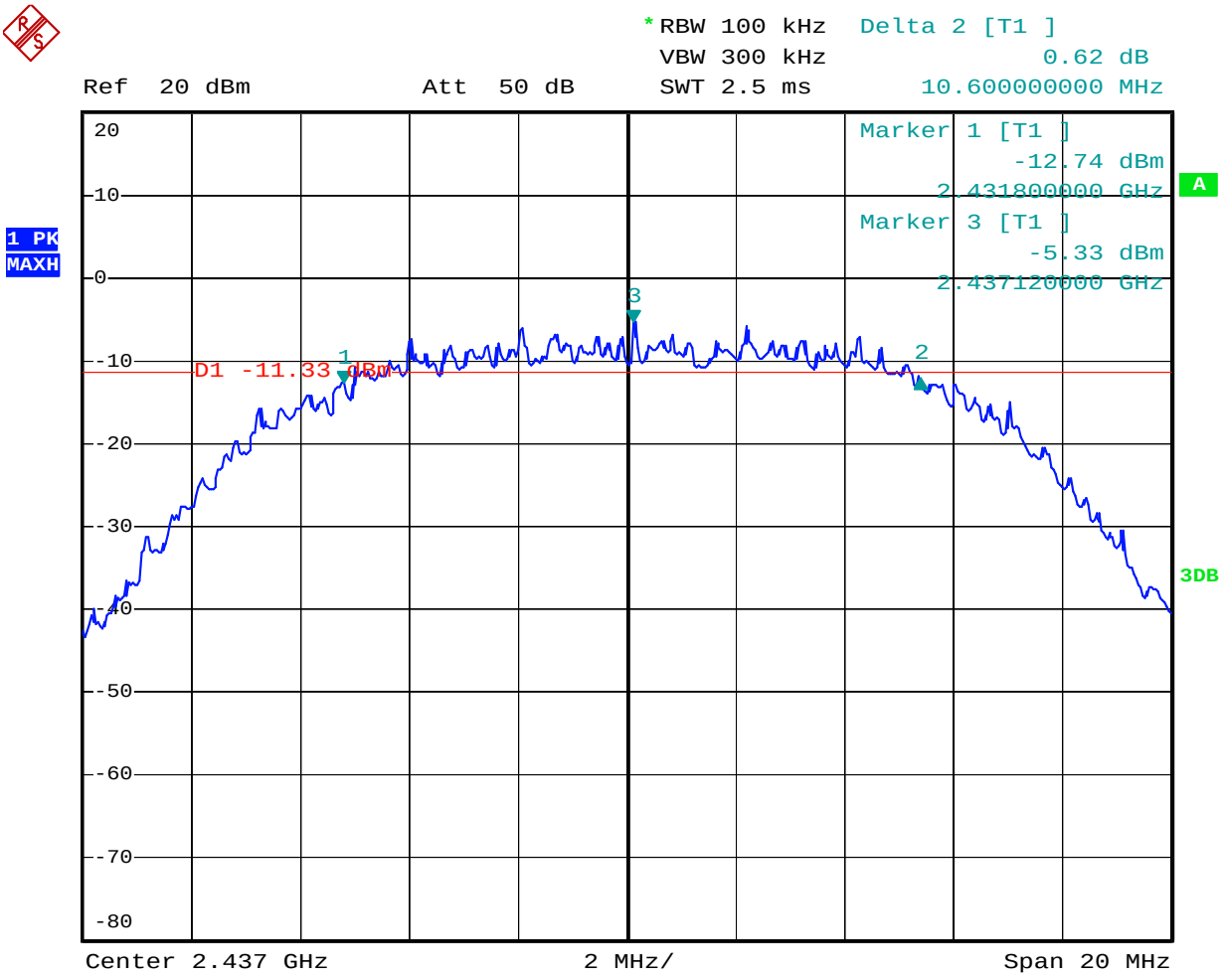
The test was performed with 802.11n			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	17.76	> 0.5MHz
Middle	2437	17.72	> 0.5MHz
High	2462	17.76	> 0.5MHz

The spectrum analyzer plots are attached as below.

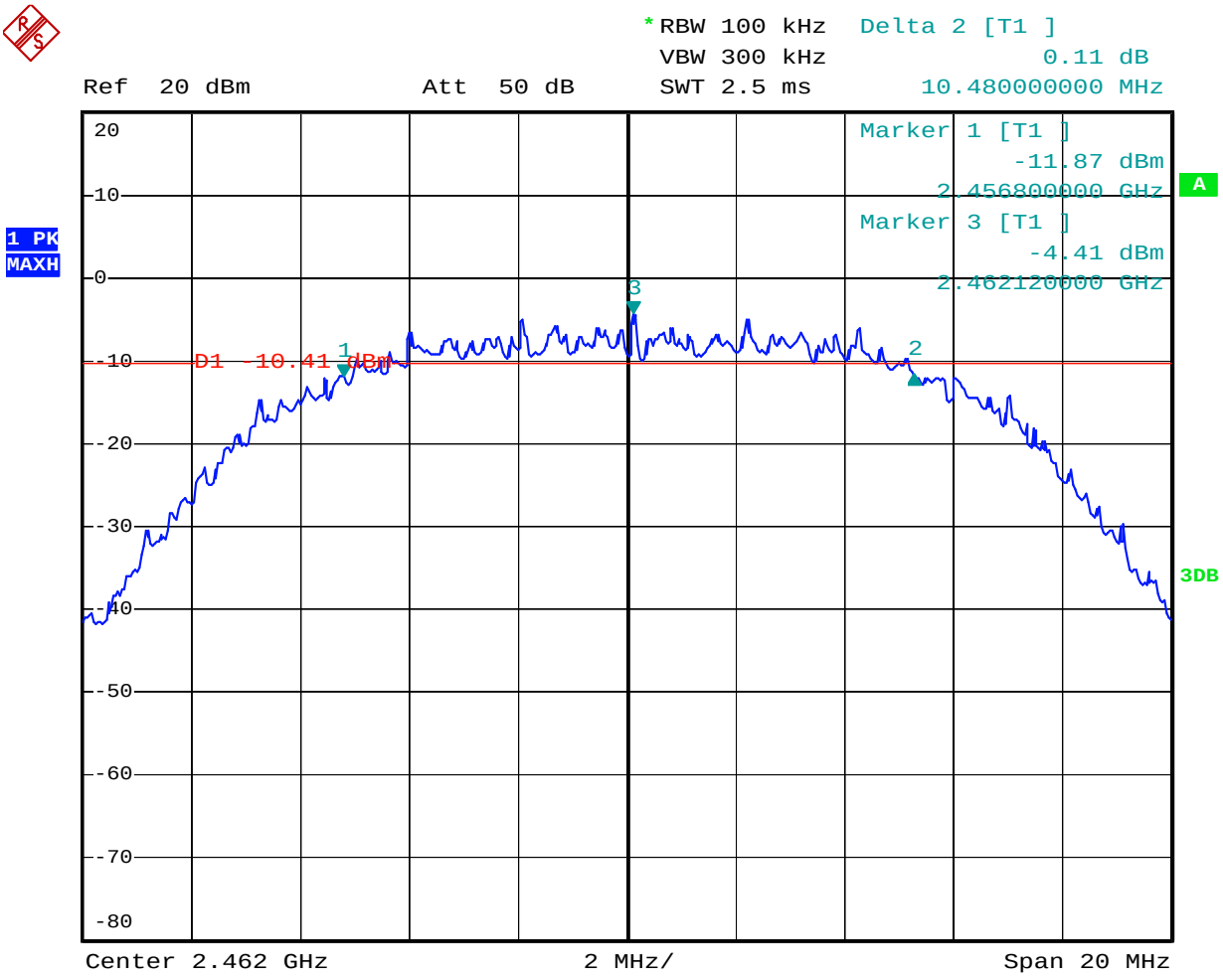
802.11b Channel Low 2412MHz



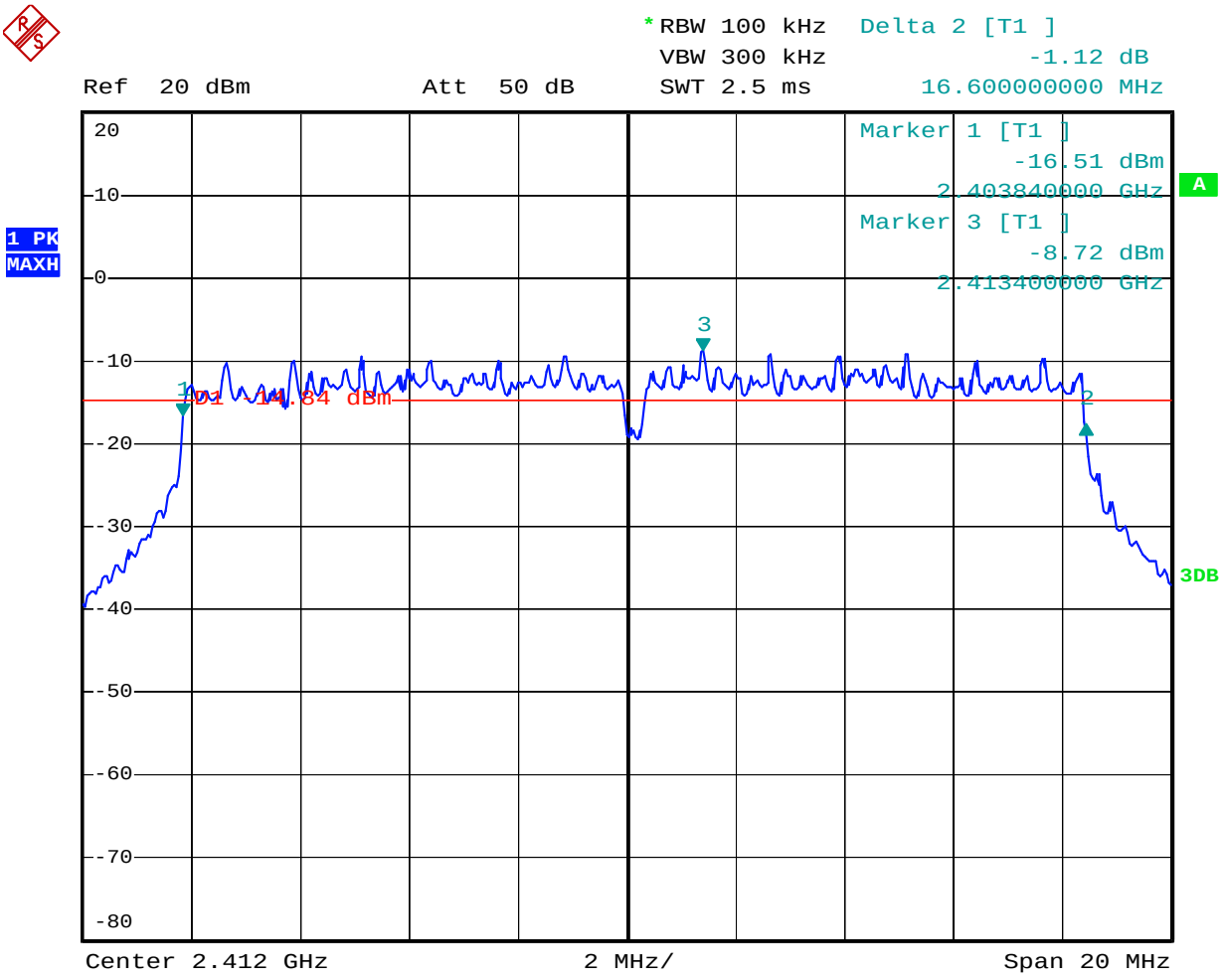
802.11b Channel Middle 2437MHz



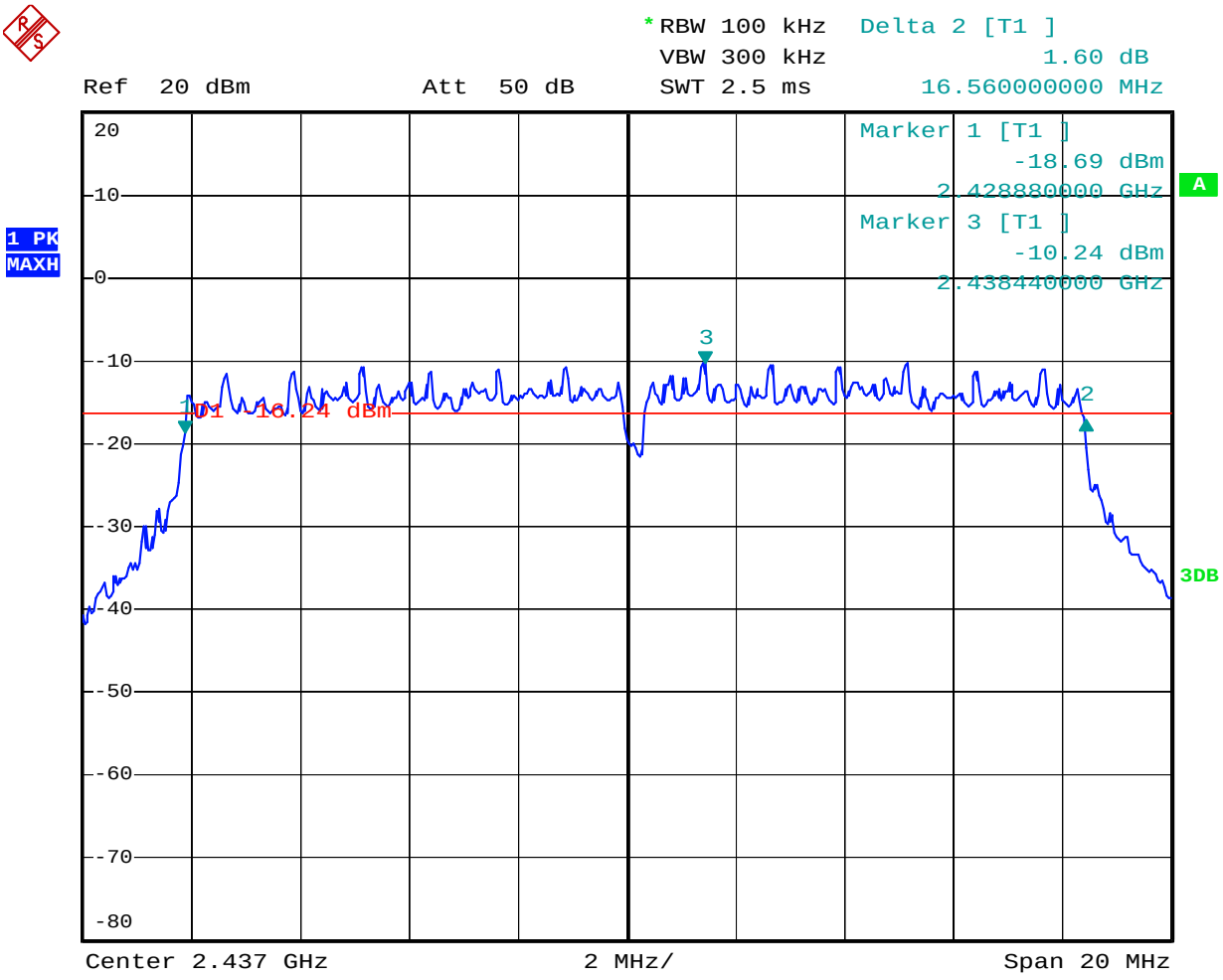
802.11b Channel High 2462MHz



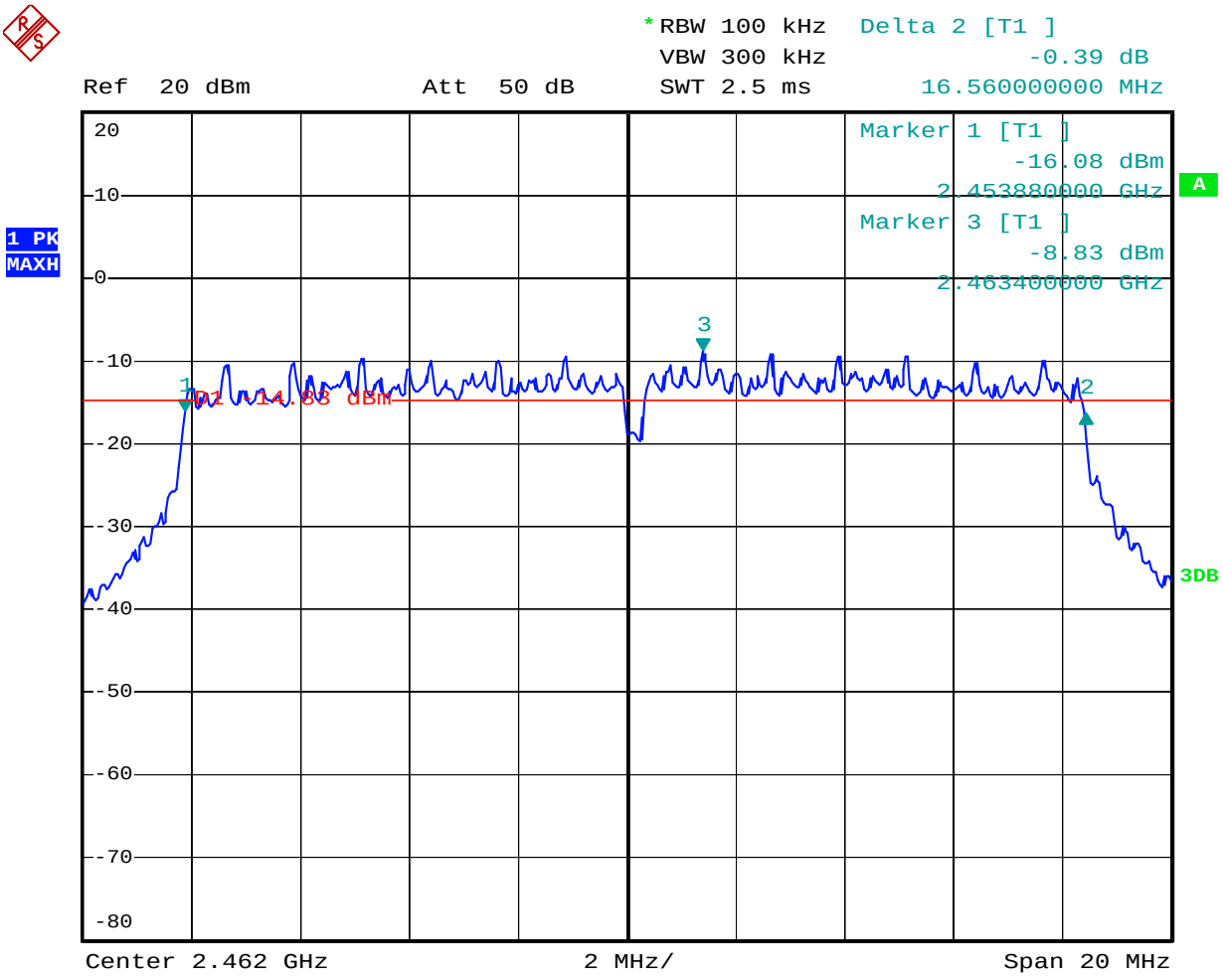
802.11g Channel Low 2412MHz



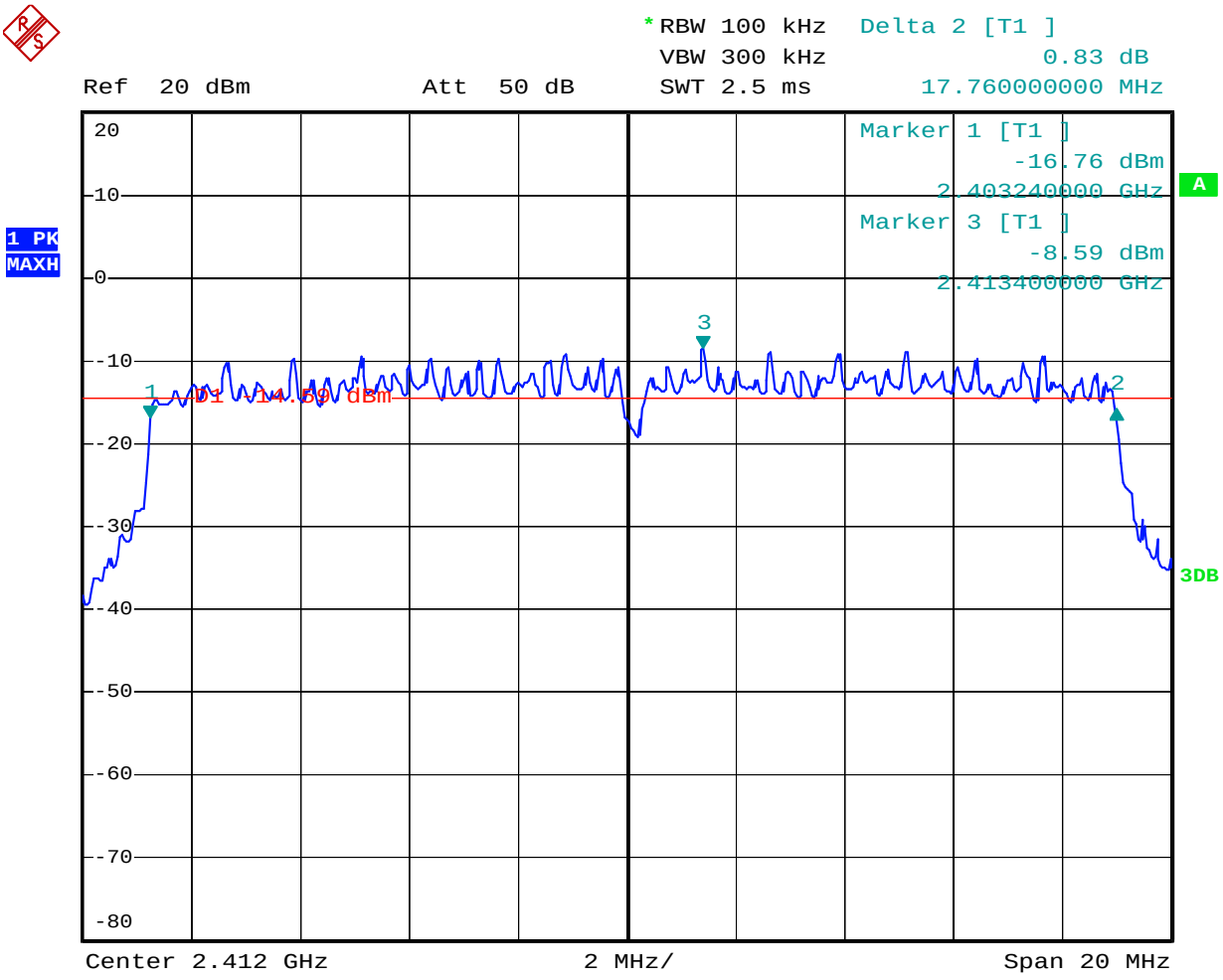
802.11g Channel Middle 2437MHz



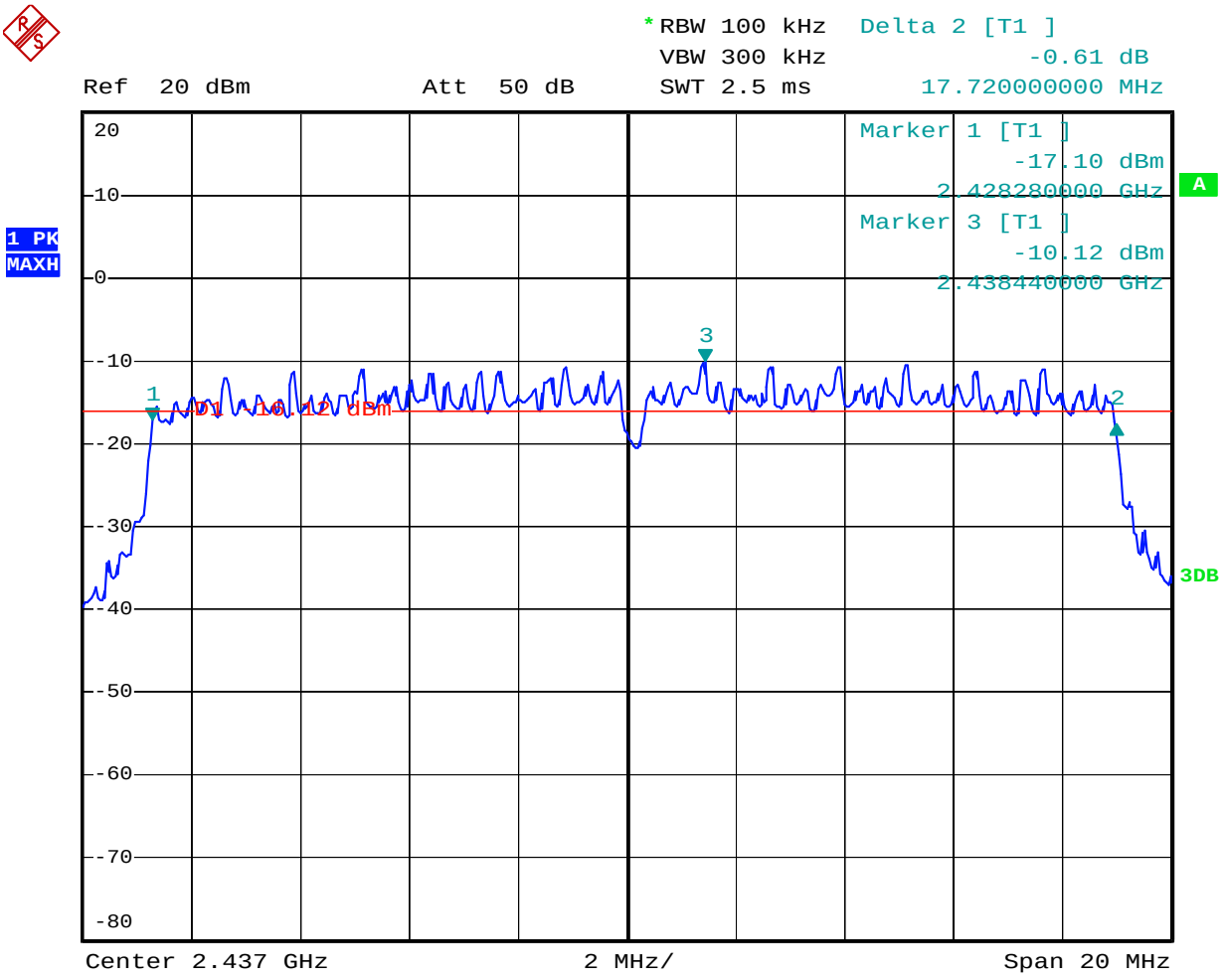
802.11g Channel High 2462MHz



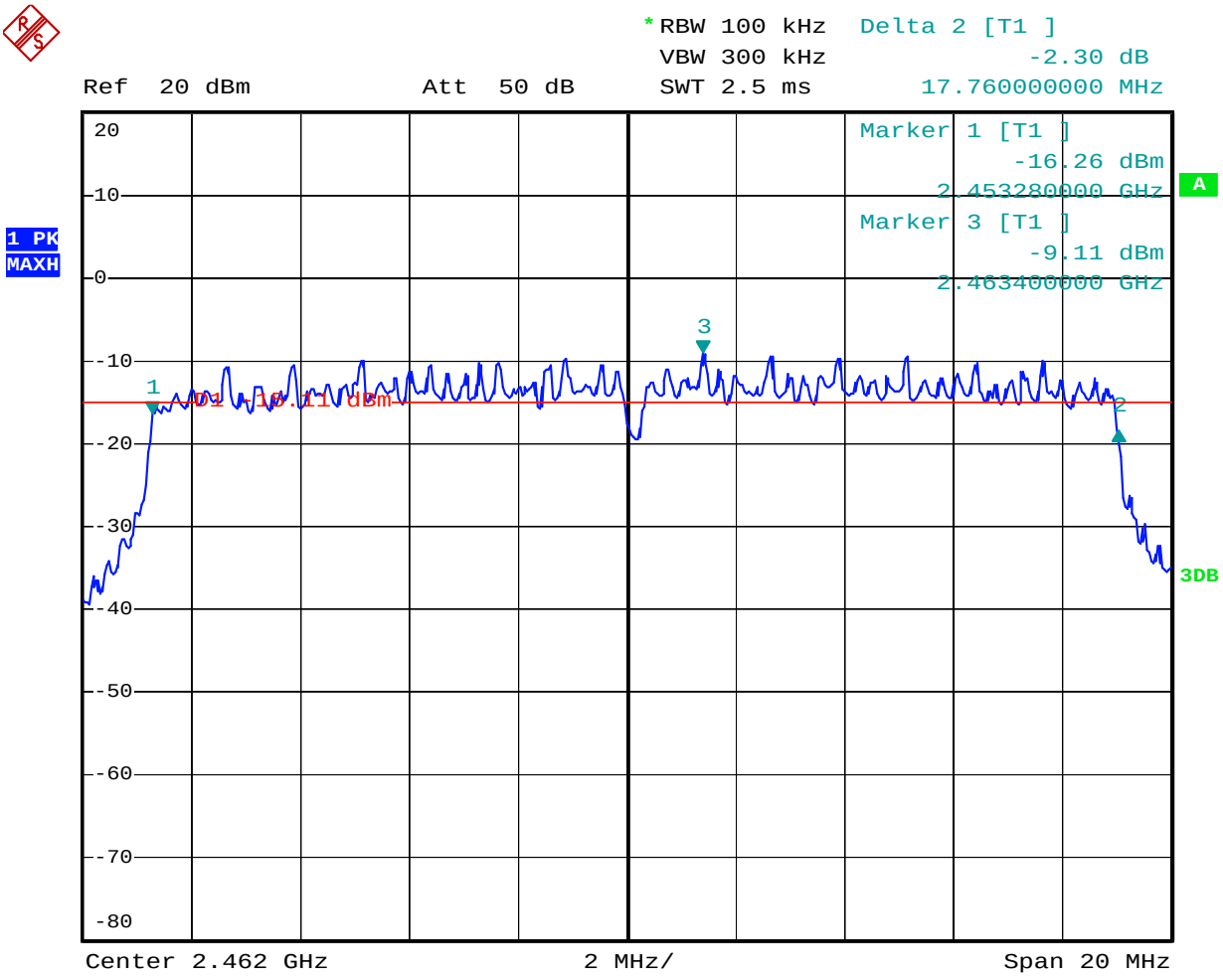
802.11n Channel Low 2412MHz



802.11n Channel Low 2437MHz

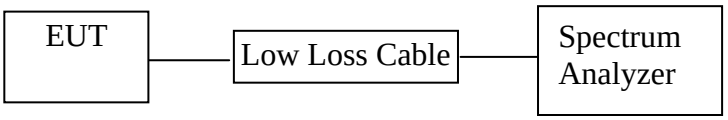


802.11n Channel Low 2462MHz



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	**:**	M7000XX
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 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

6.5. Test Procedure

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

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

6.5.3. Measurement the maximum peak output power.

6.6. Test Result

PASS.

Date of Test:	Dec. 10, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
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	10.95	12.45	30 dBm / 1 W
Middle	2437	9.68	9.29	30 dBm / 1 W
High	2462	10.58	11.43	30 dBm / 1 W

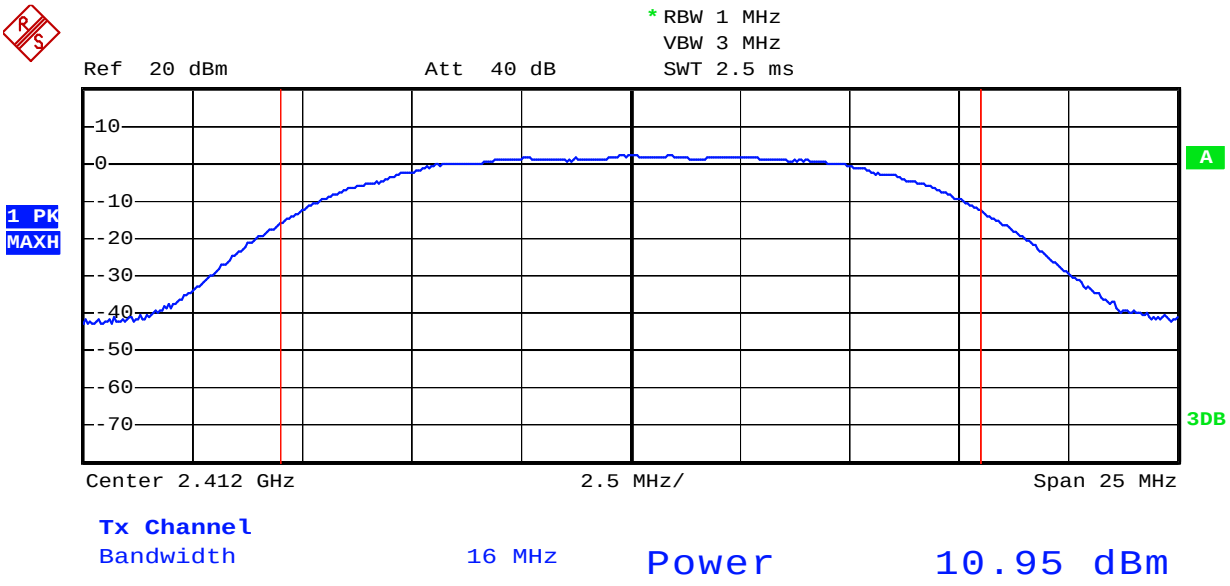
The test was performed with 802.11g

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

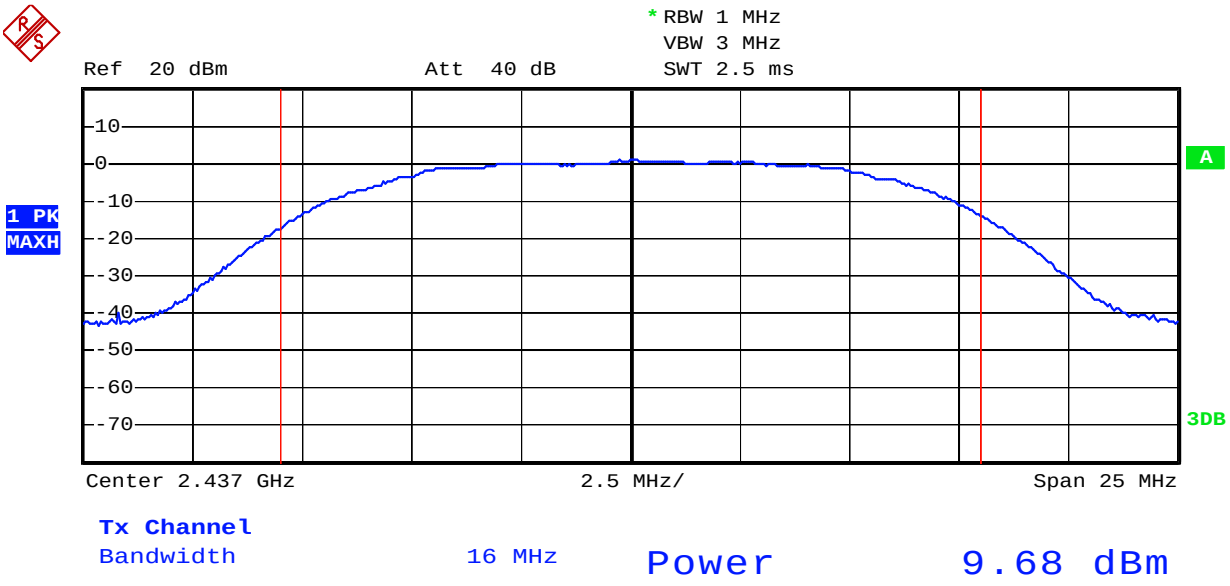
The test was performed with 802.11n				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.67	9.27	30 dBm / 1 W
Middle	2437	8.65	7.33	30 dBm / 1 W
High	2462	9.63	9.18	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

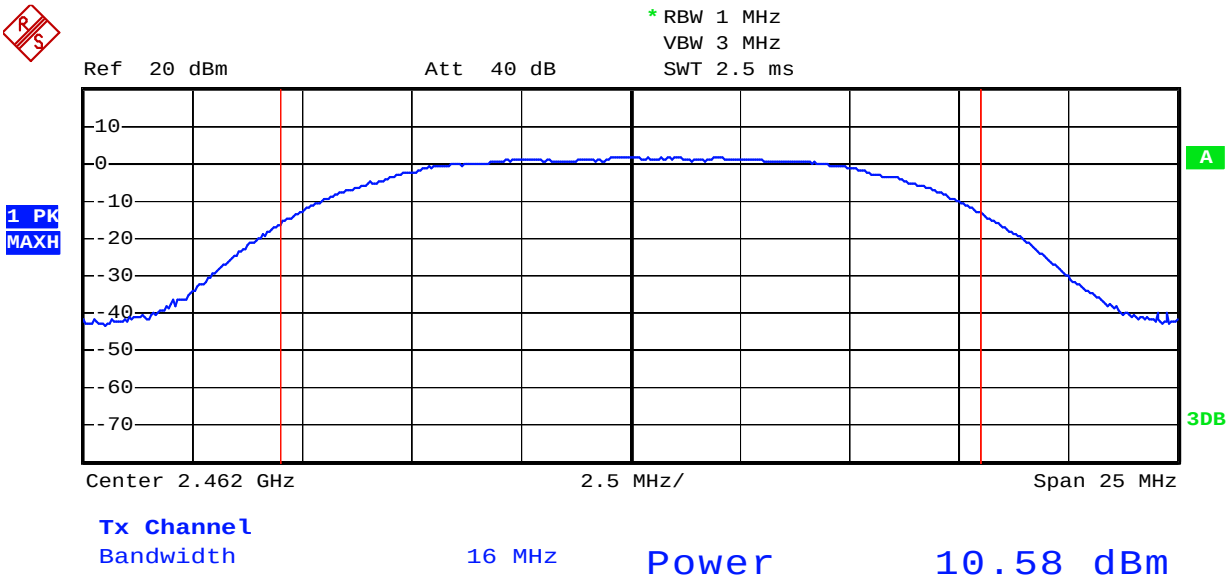
802.11b Channel Low 2412MHz



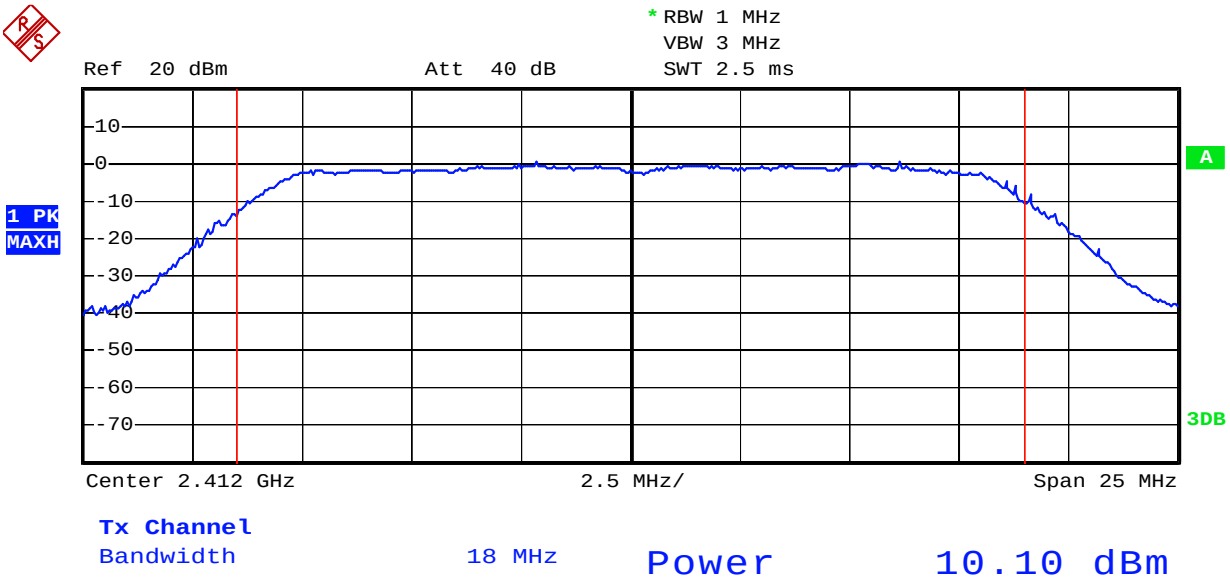
802.11b Channel Middle 2437MHz



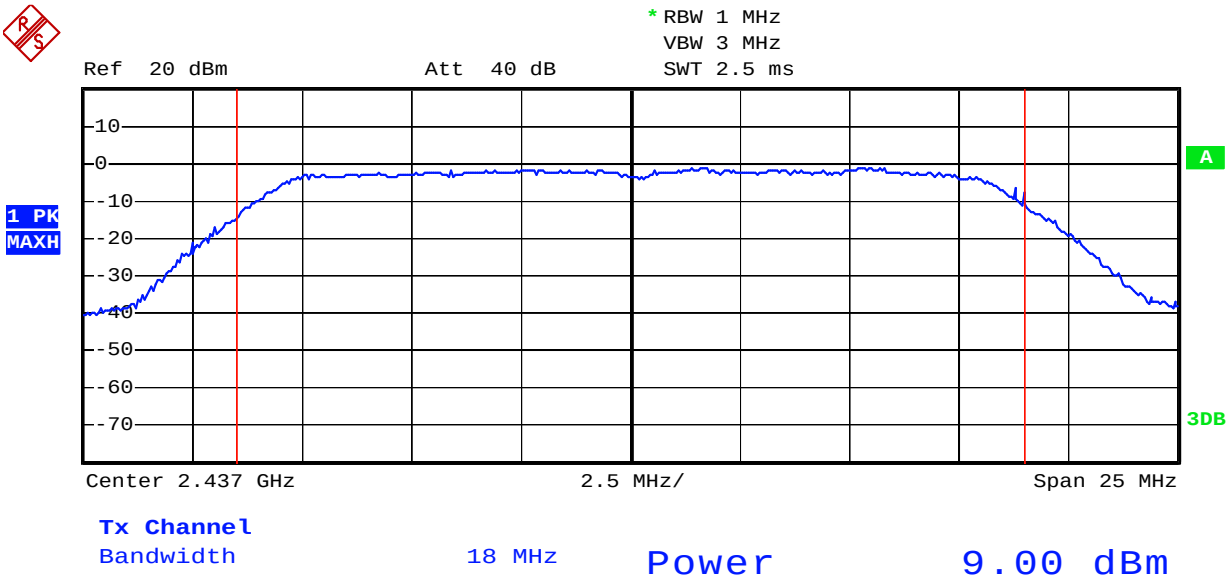
802.11b Channel High 2462MHz



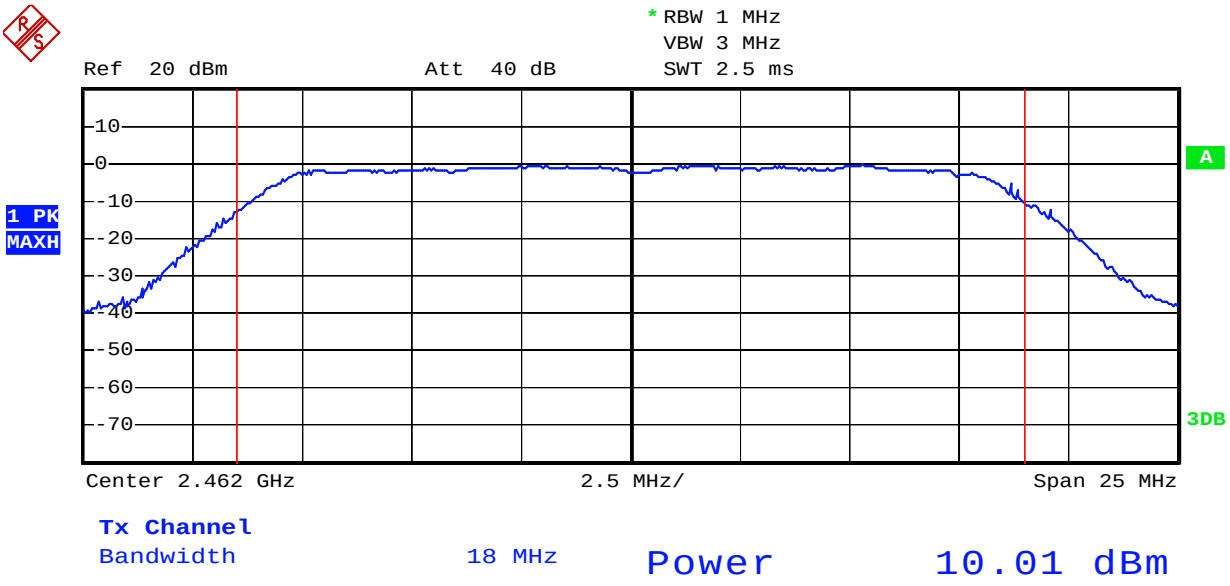
802.11g Channel Low 2412MHz



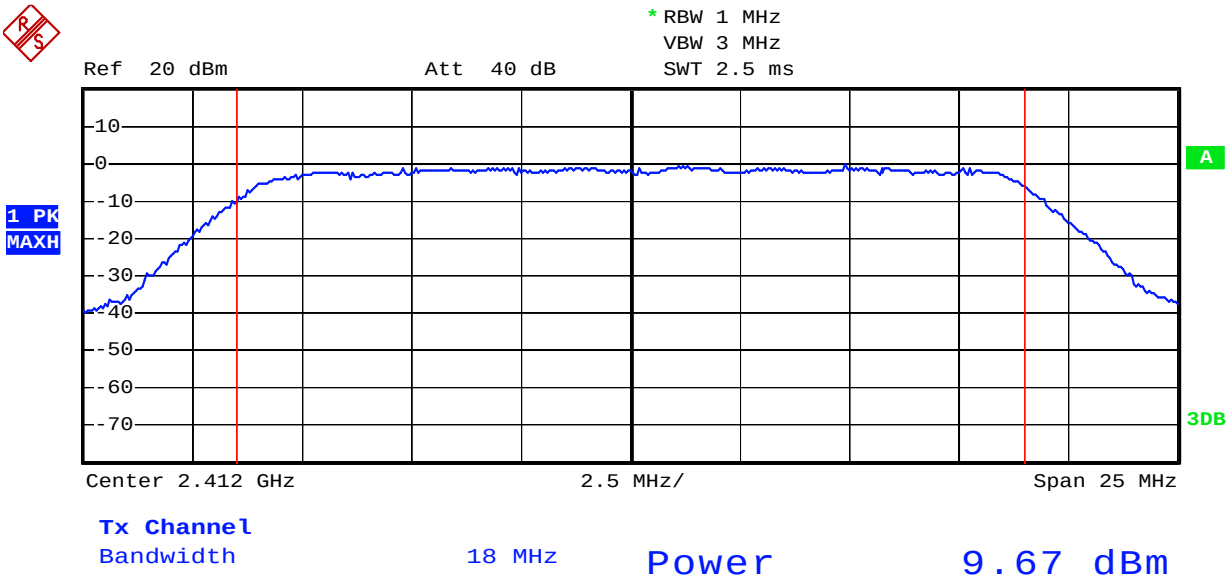
802.11g Channel Middle 2437MHz



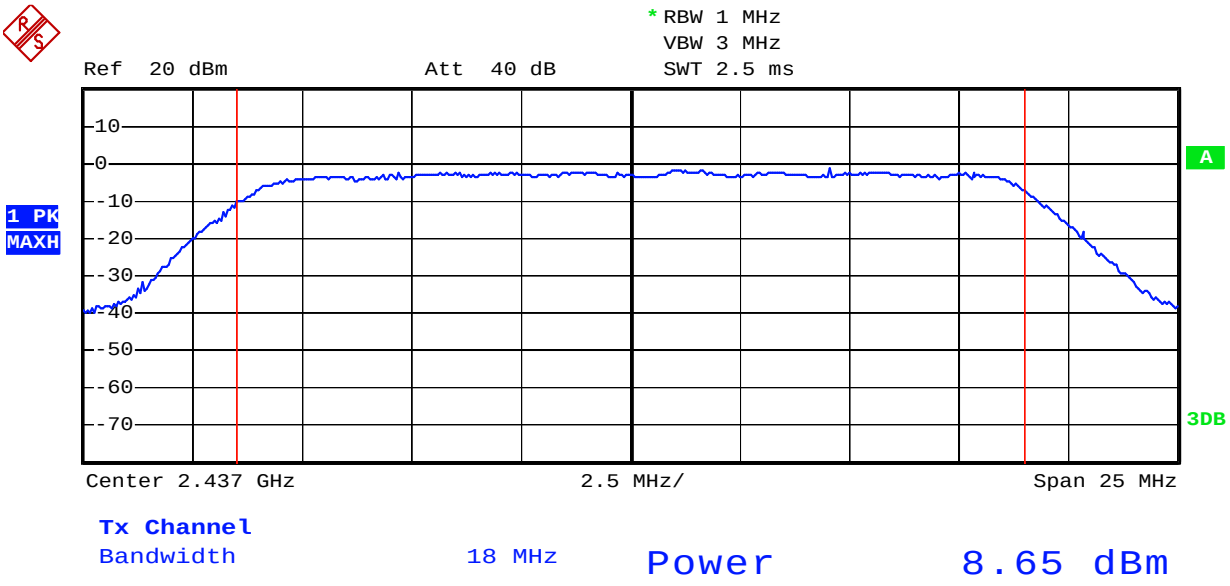
802.11g Channel High 2462MHz



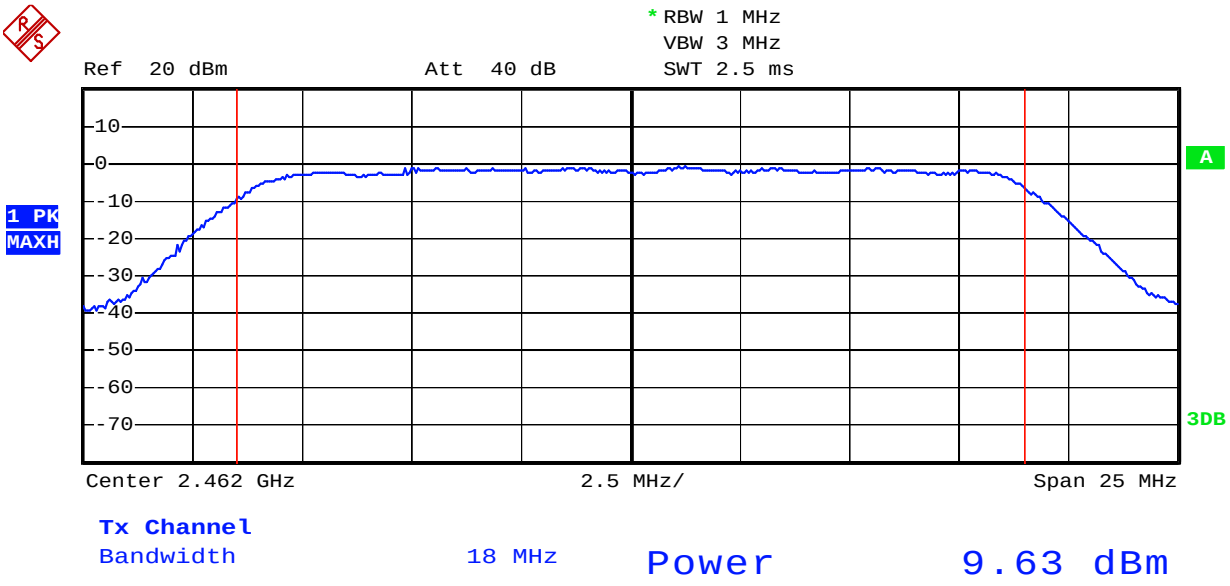
802.11n Channel High 2412MHz



802.11n Channel High 2437MHz

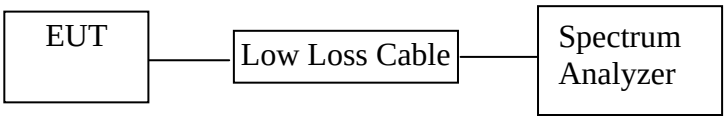


802.11n Channel High 2462MHz



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	**:**	M7000XX
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 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

7.5.Test Procedure

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

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

7.5.3.Measurement the maximum power spectral density.

7.6.Test Result

PASS.

Date of Test:	Dec. 10, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	TX	Test Engineer:	Pei

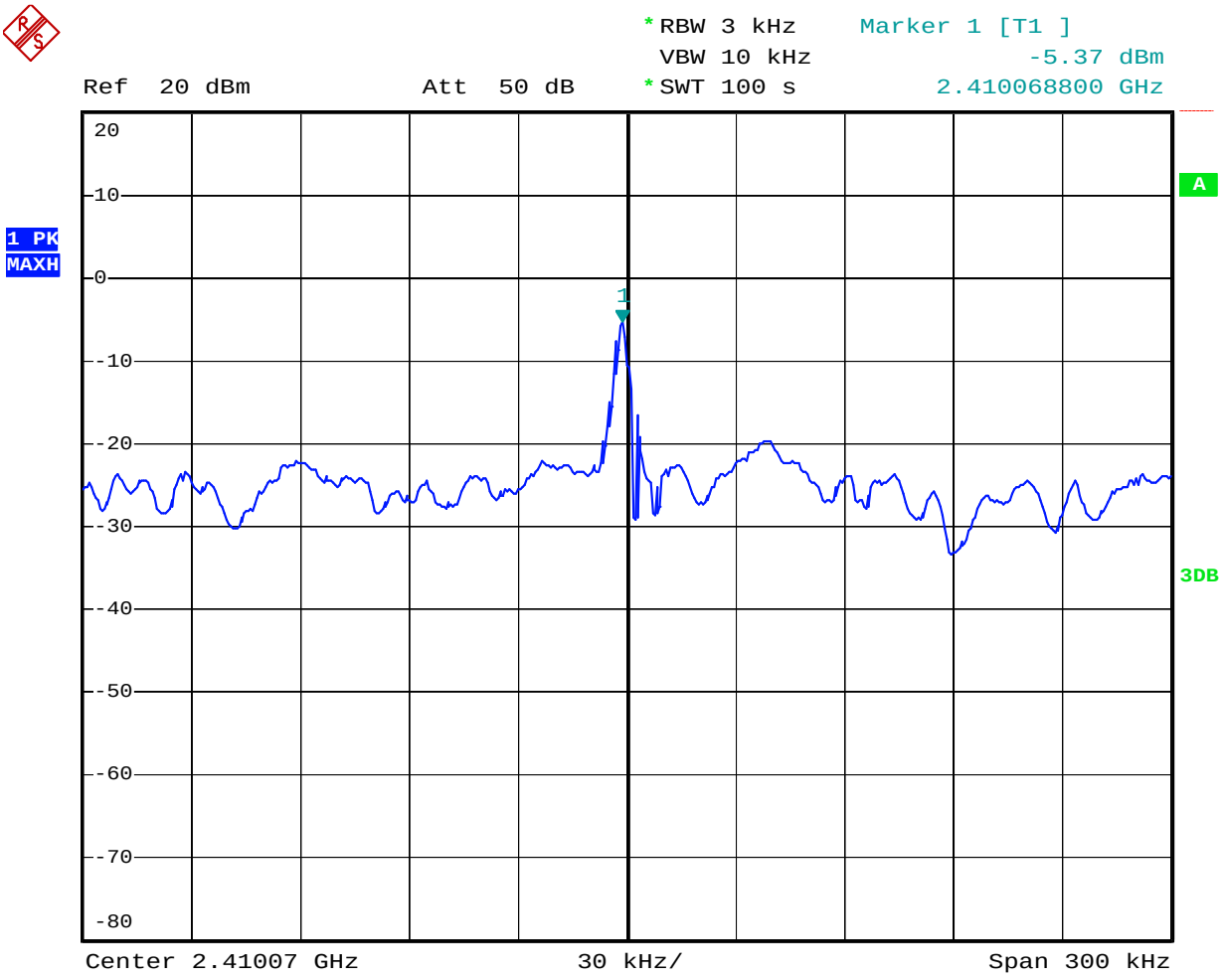
The test was performed with 802.11b			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-5.37	8 dBm
Middle	2437	-6.61	8 dBm
High	2462	-5.08	8 dBm

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

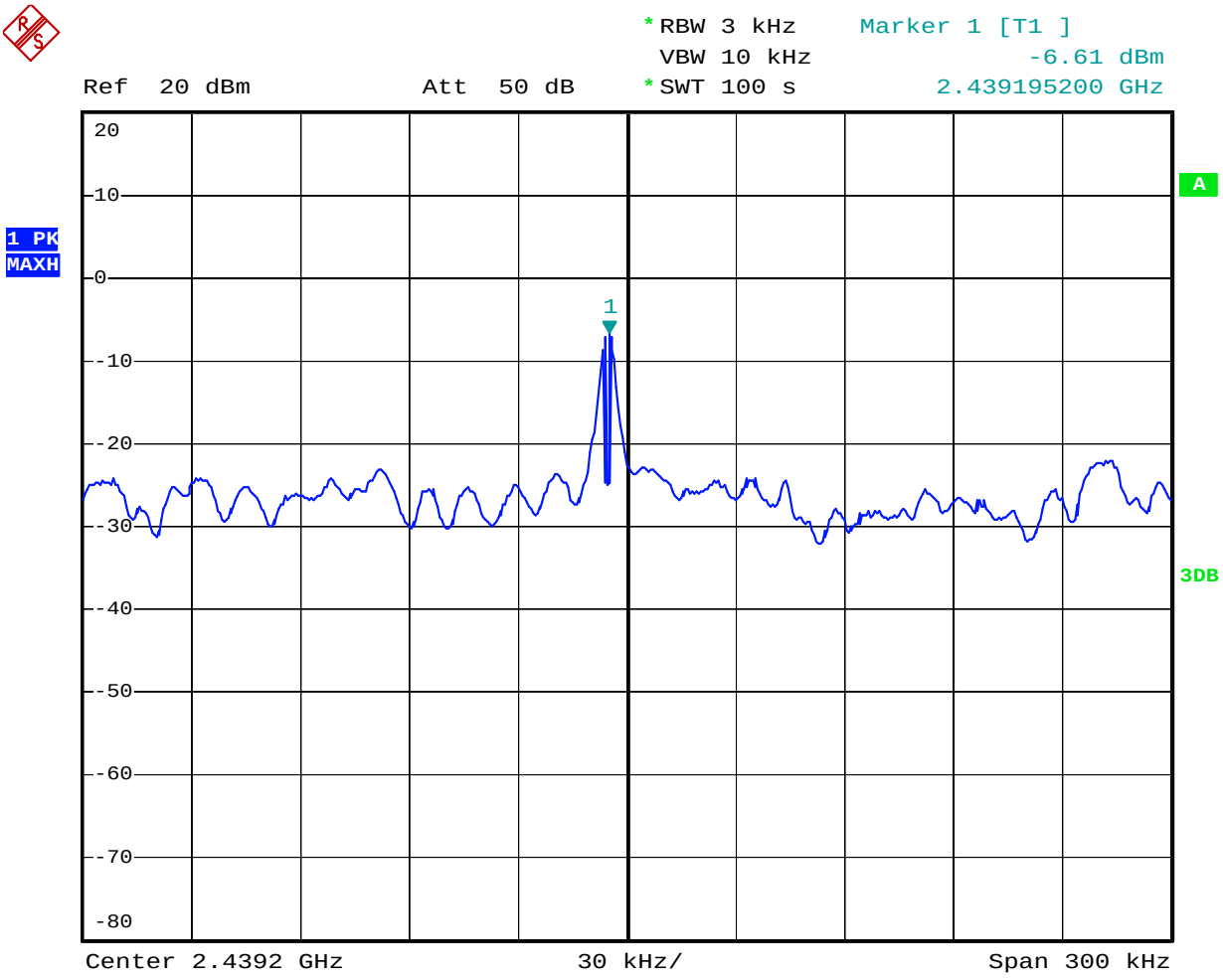
The test was performed with 802.11n			
Channel	Frequency (MHz)	Power Spectral Density (dBm)	Limits (dBm)
Low	2412	-24.06	8 dBm
Middle	2437	-26.16	8 dBm
High	2462	-25.30	8 dBm

The spectrum analyzer plots are attached as below.

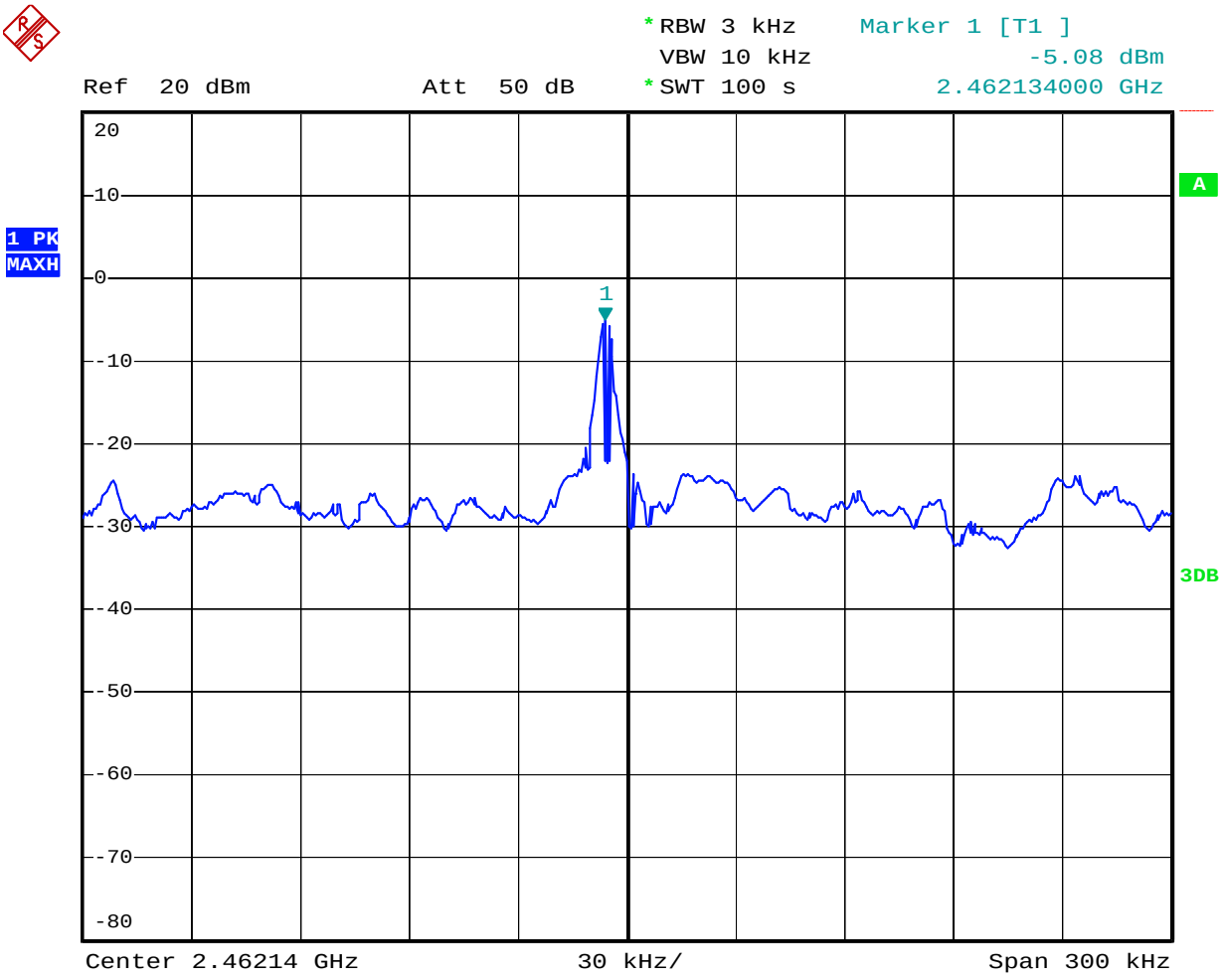
802.11b Channel Low 2412MHz



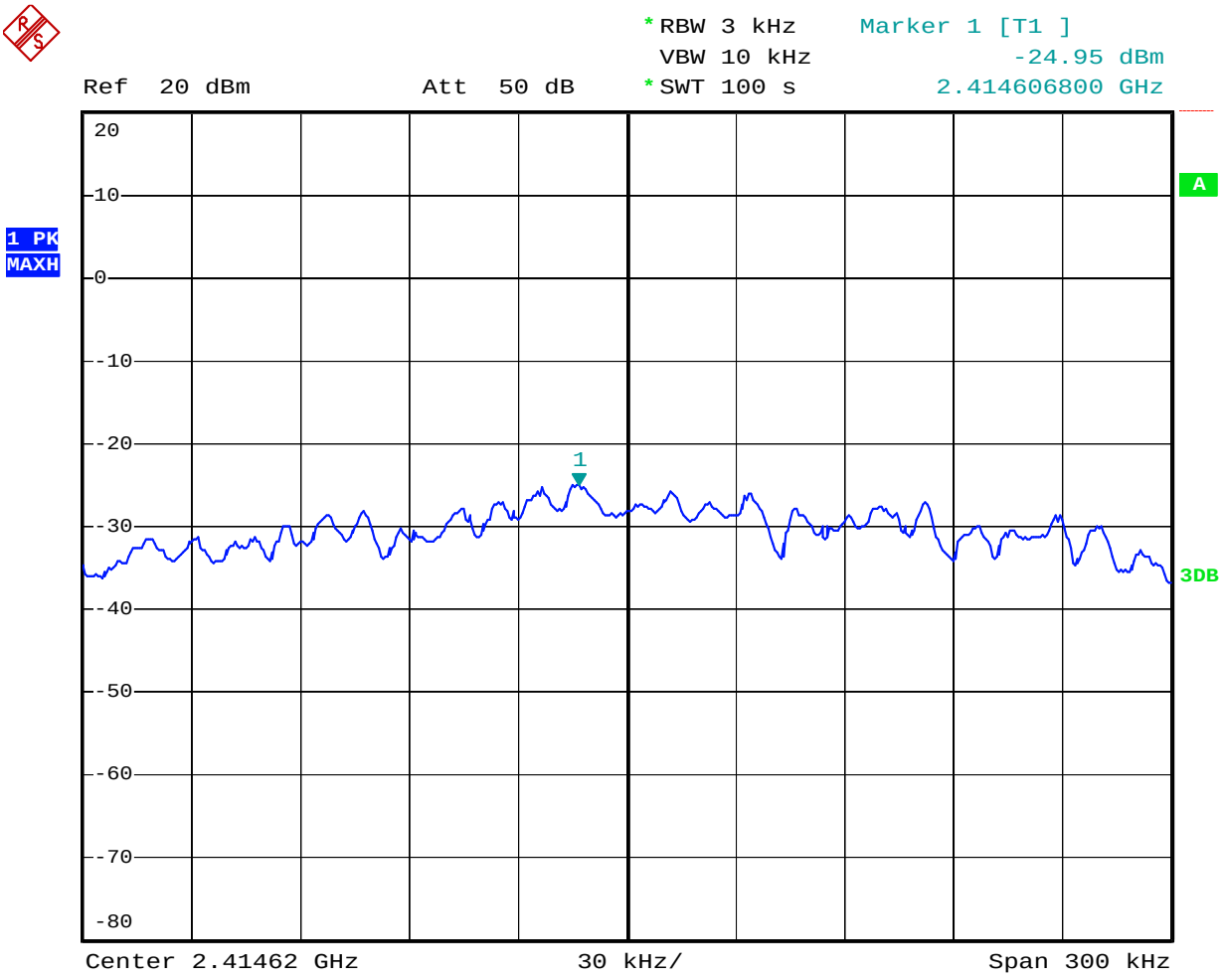
802.11b Channel Middle 2437MHz



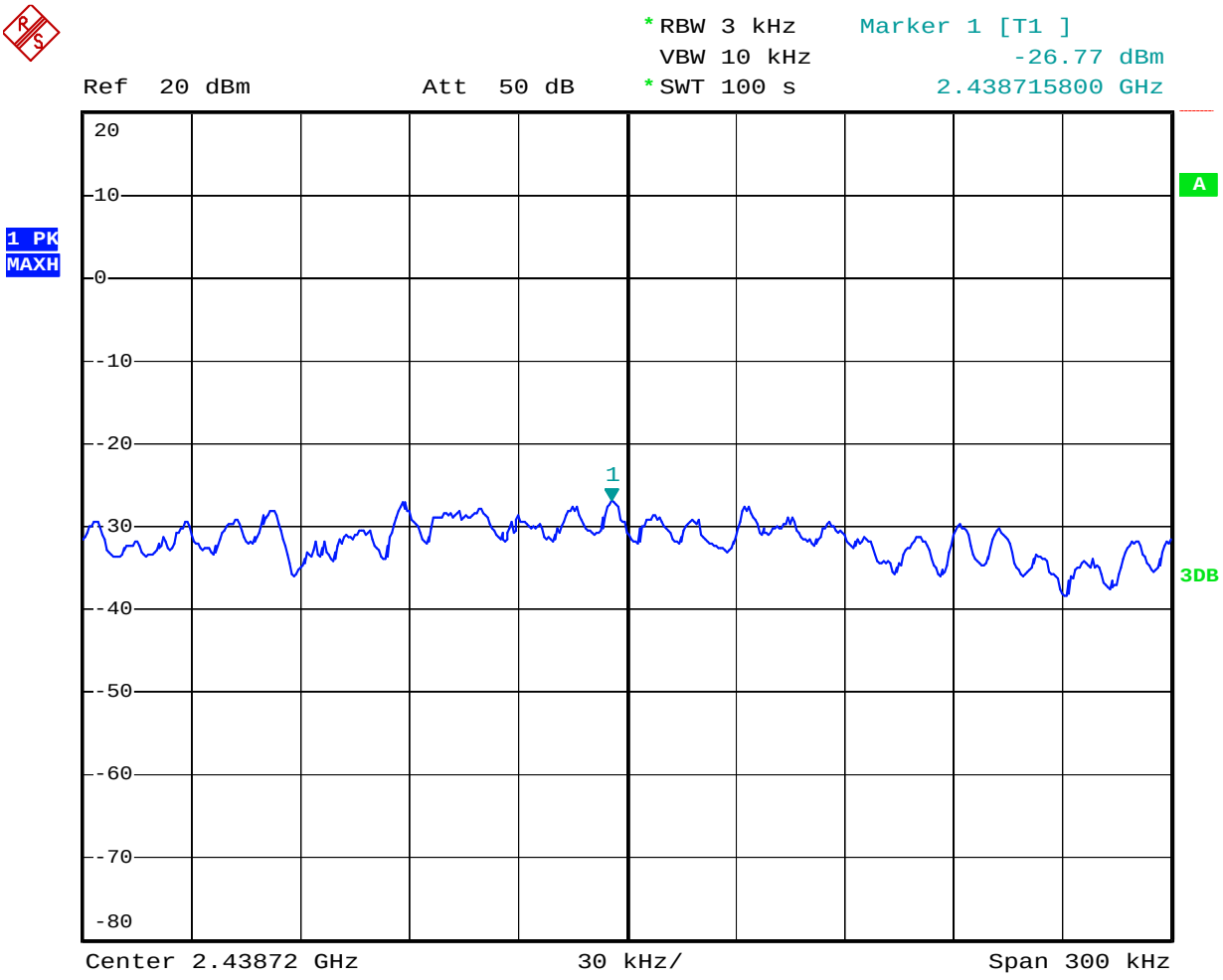
802.11b Channel High 2462MHz



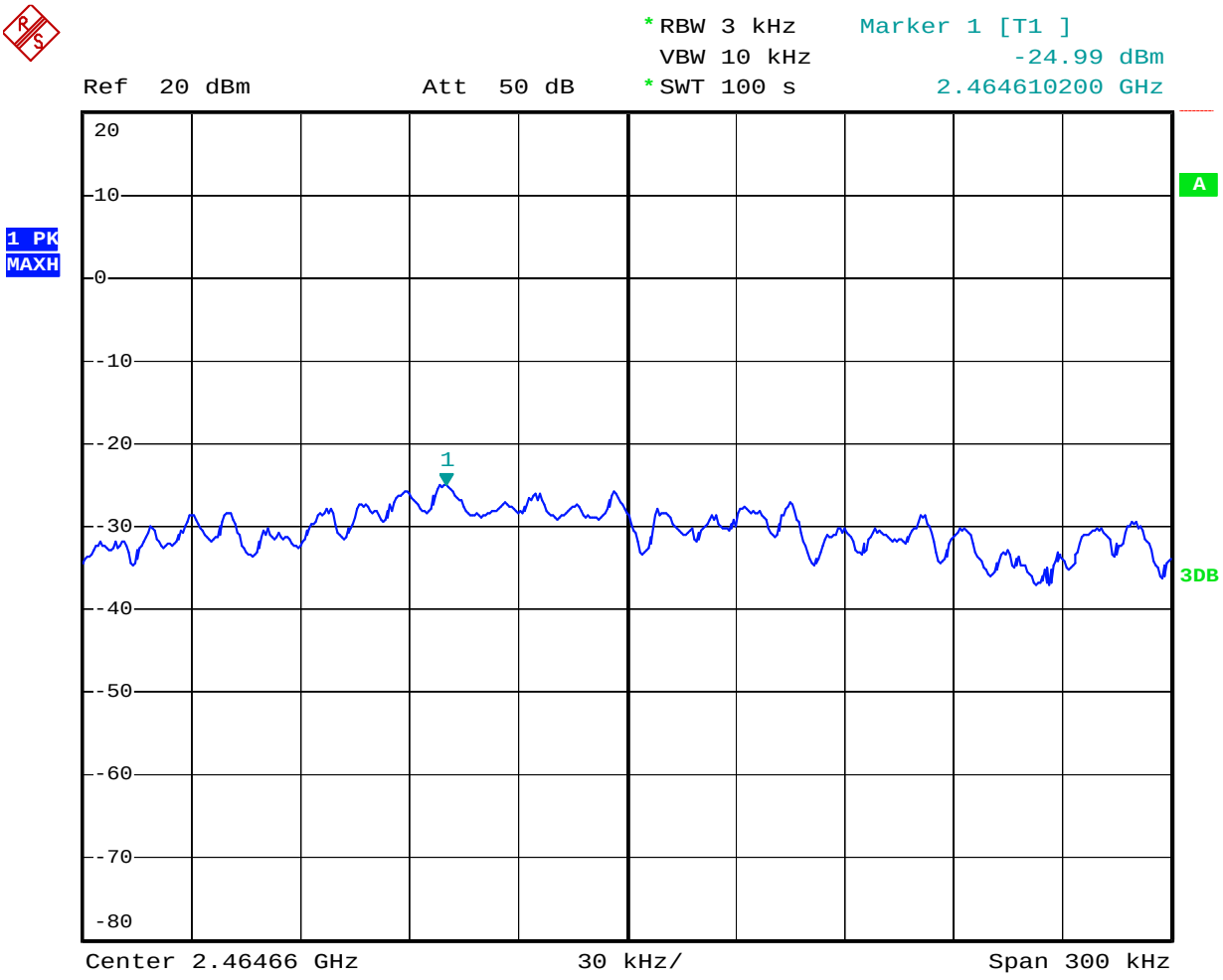
802.11g Channel Low 2412MHz



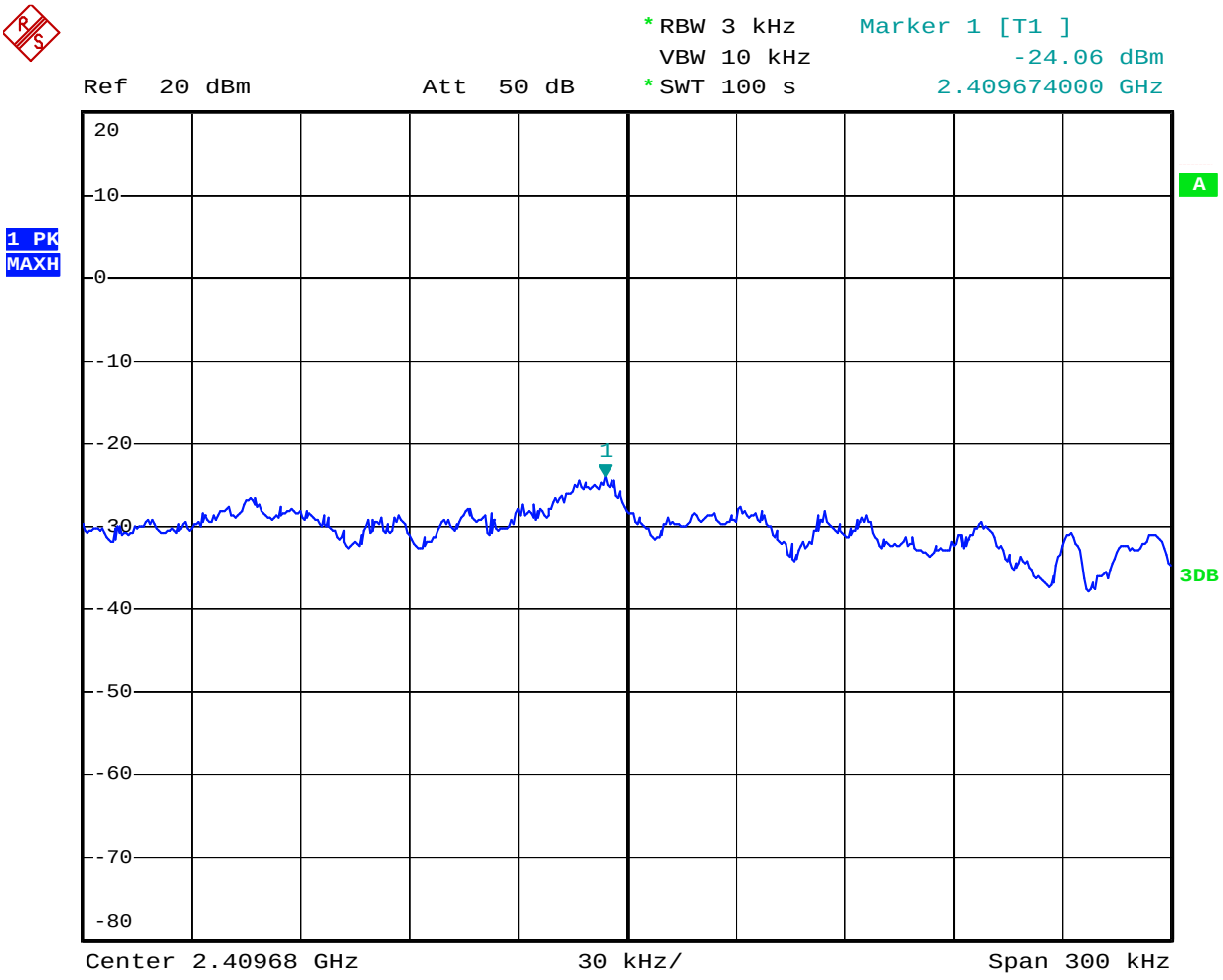
802.11g Channel Middle 2437MHz



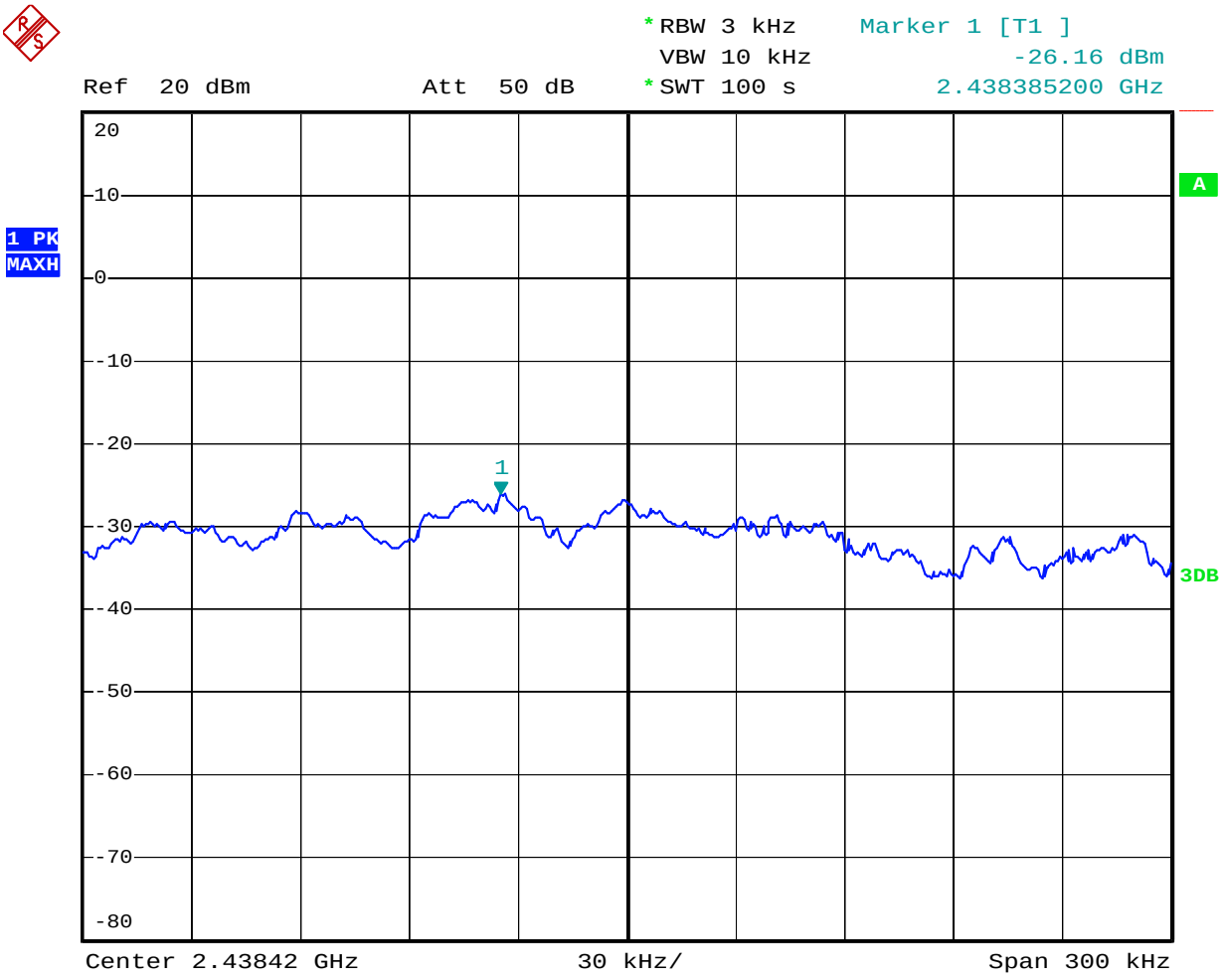
802.11g Channel High 2462MHz



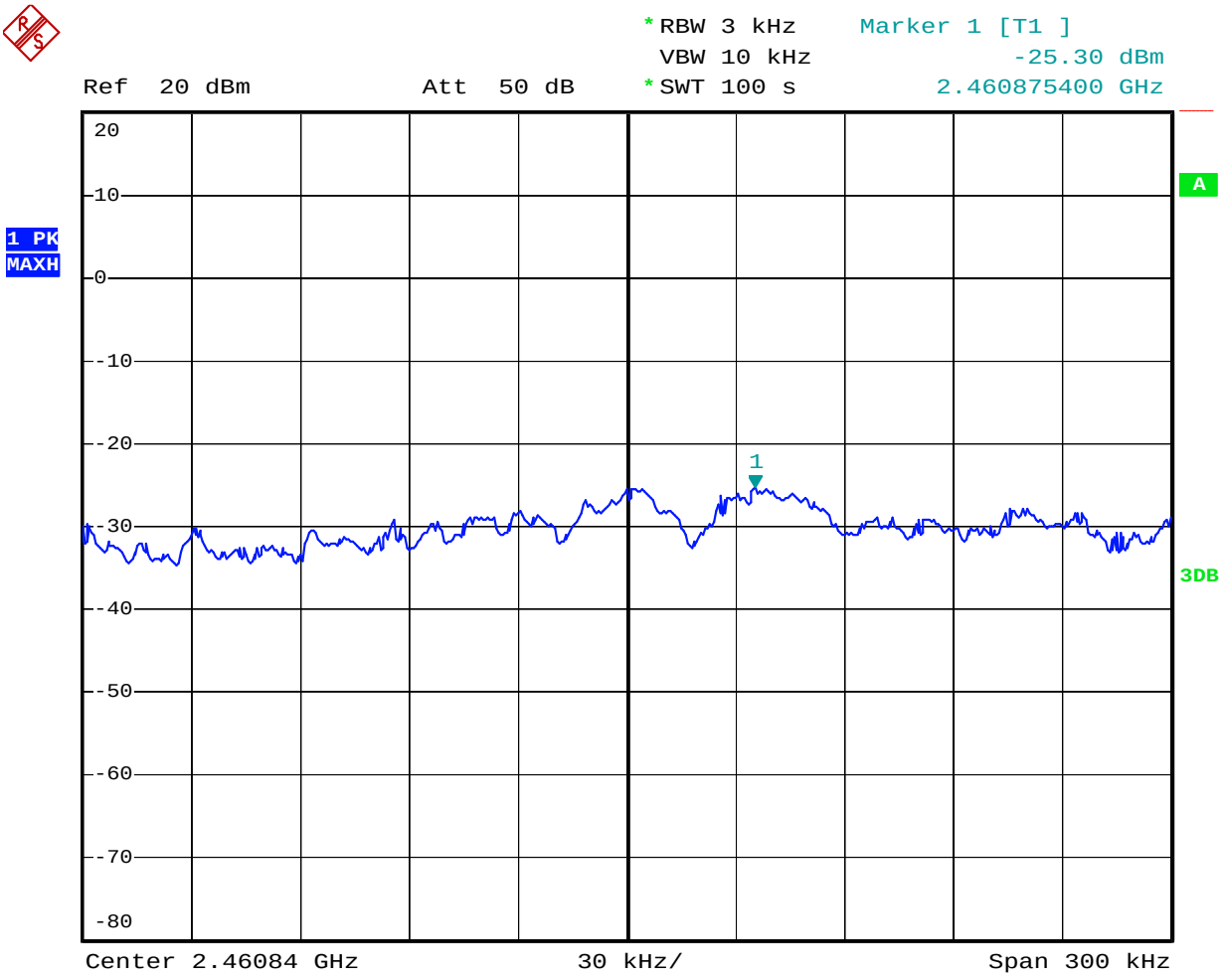
802.11n Channel High 2412MHz



802.11n Channel High 2437MHz

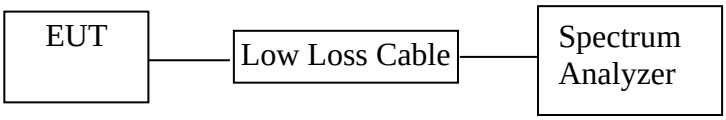


802.11n Channel High 2462MHz



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	**:**	M7000XX
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 2412-2462MHz. We select 2412MHz, 2462MHz 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

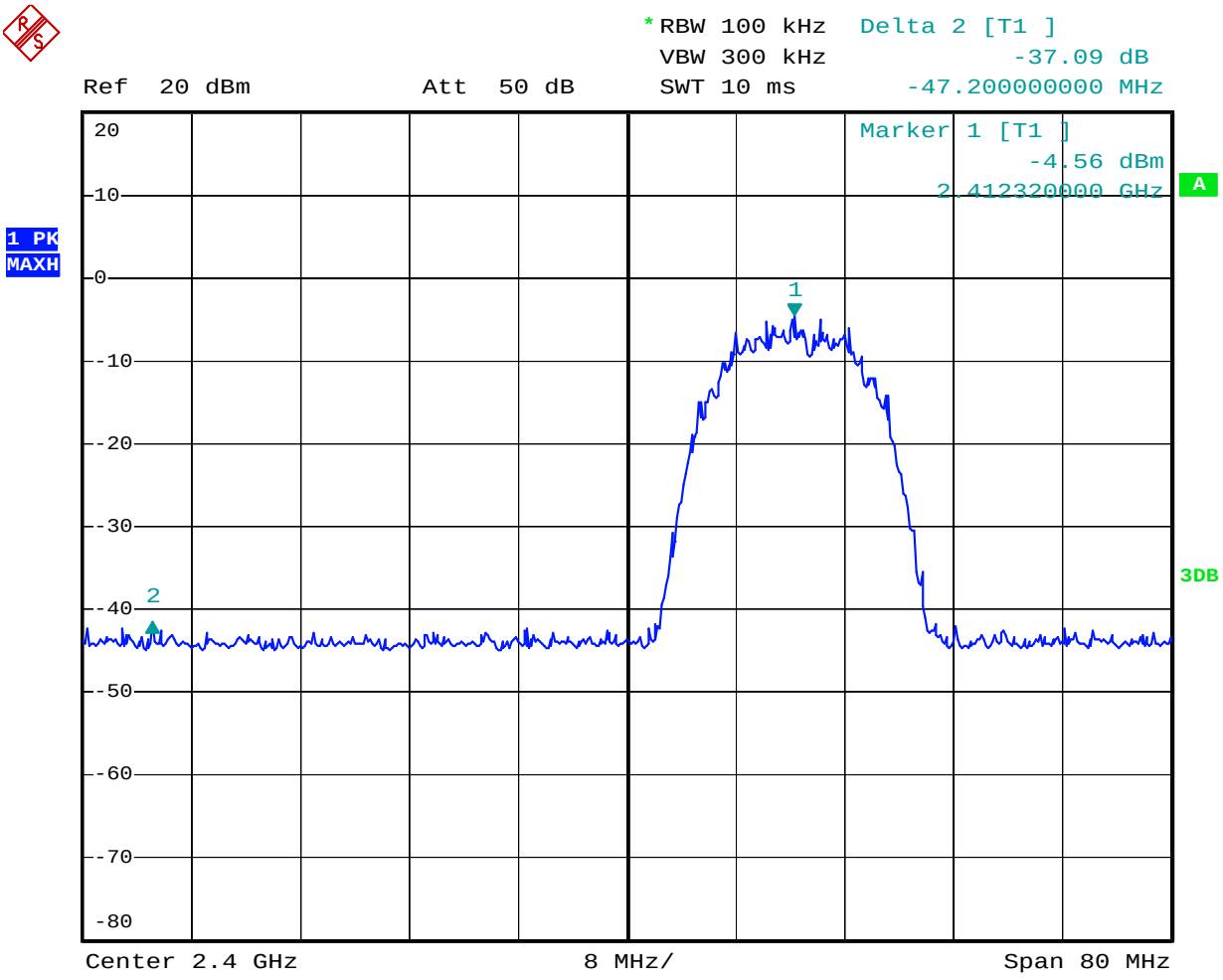
Date of Test:	Dec. 10, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	TX	Test Engineer:	Pei

The test was performed with 802.11b		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	37.09	> 20dBc
2462	36.84	> 20dBc

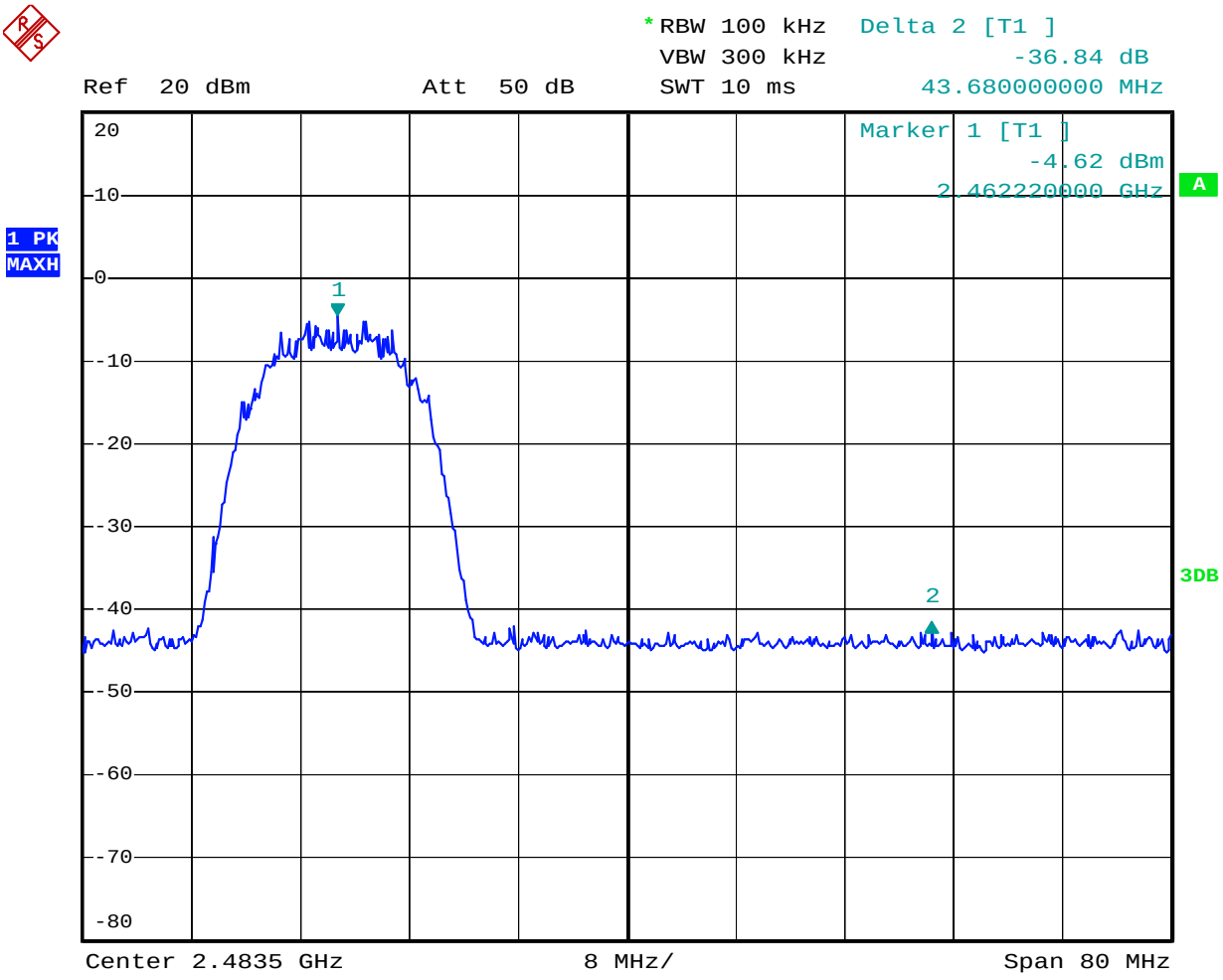
The test was performed with 802.11g		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	33.04	> 20dBc
2462	32.23	> 20dBc

The test was performed with 802.11n		
Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.45	> 20dBc
2462	32.76	> 20dBc

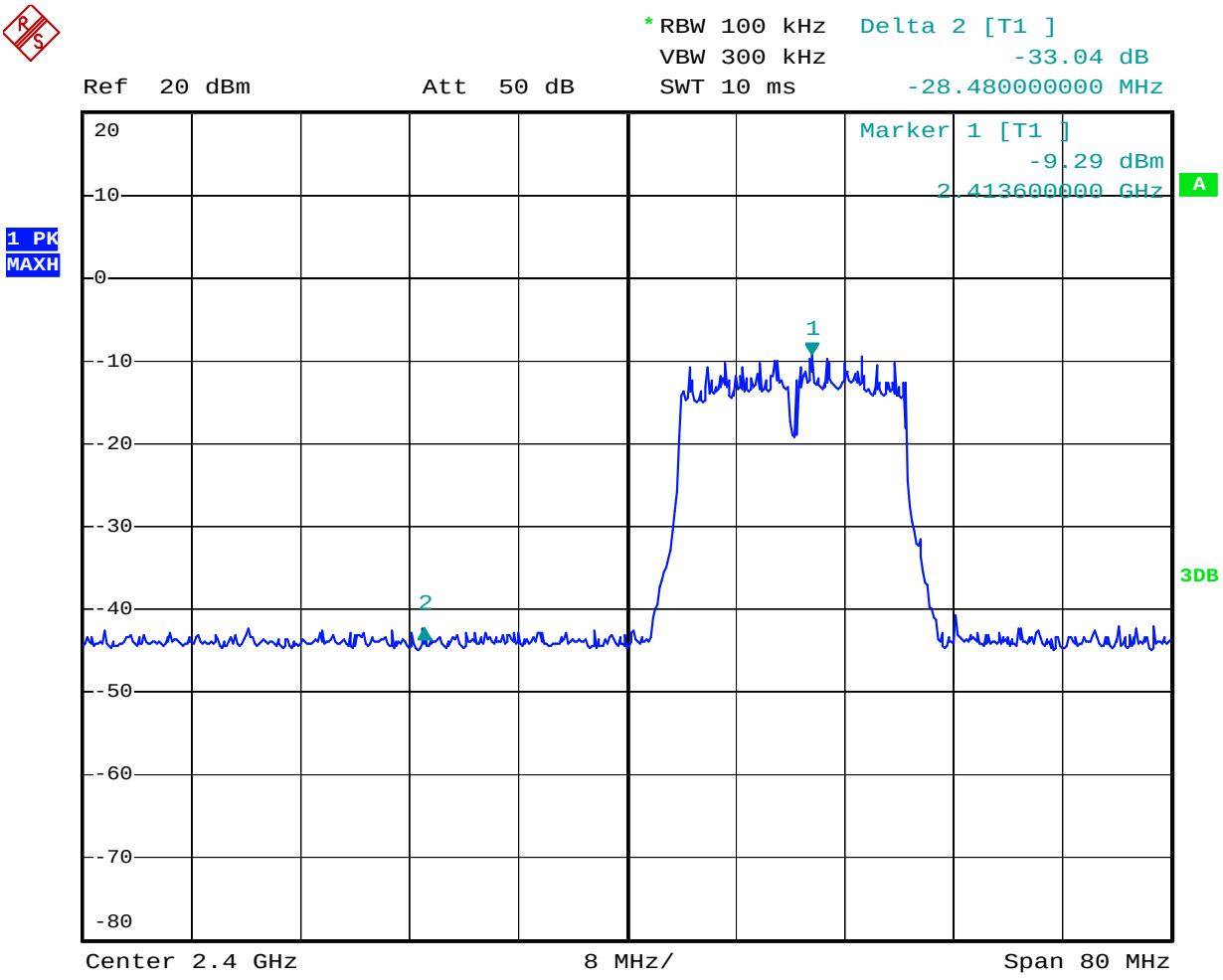
802.11b Channel Low 2412MHz



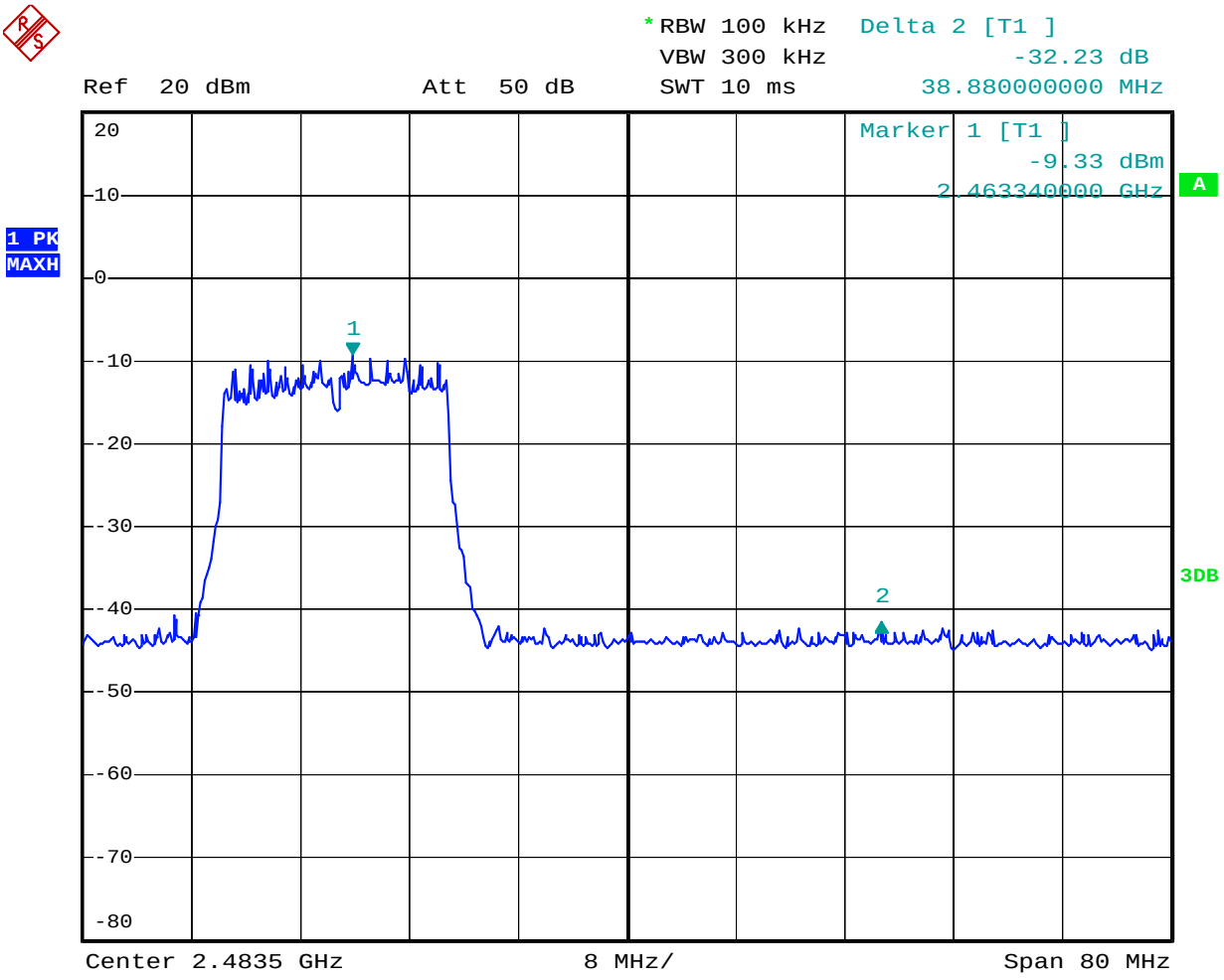
802.11b Channel High 2462MHz



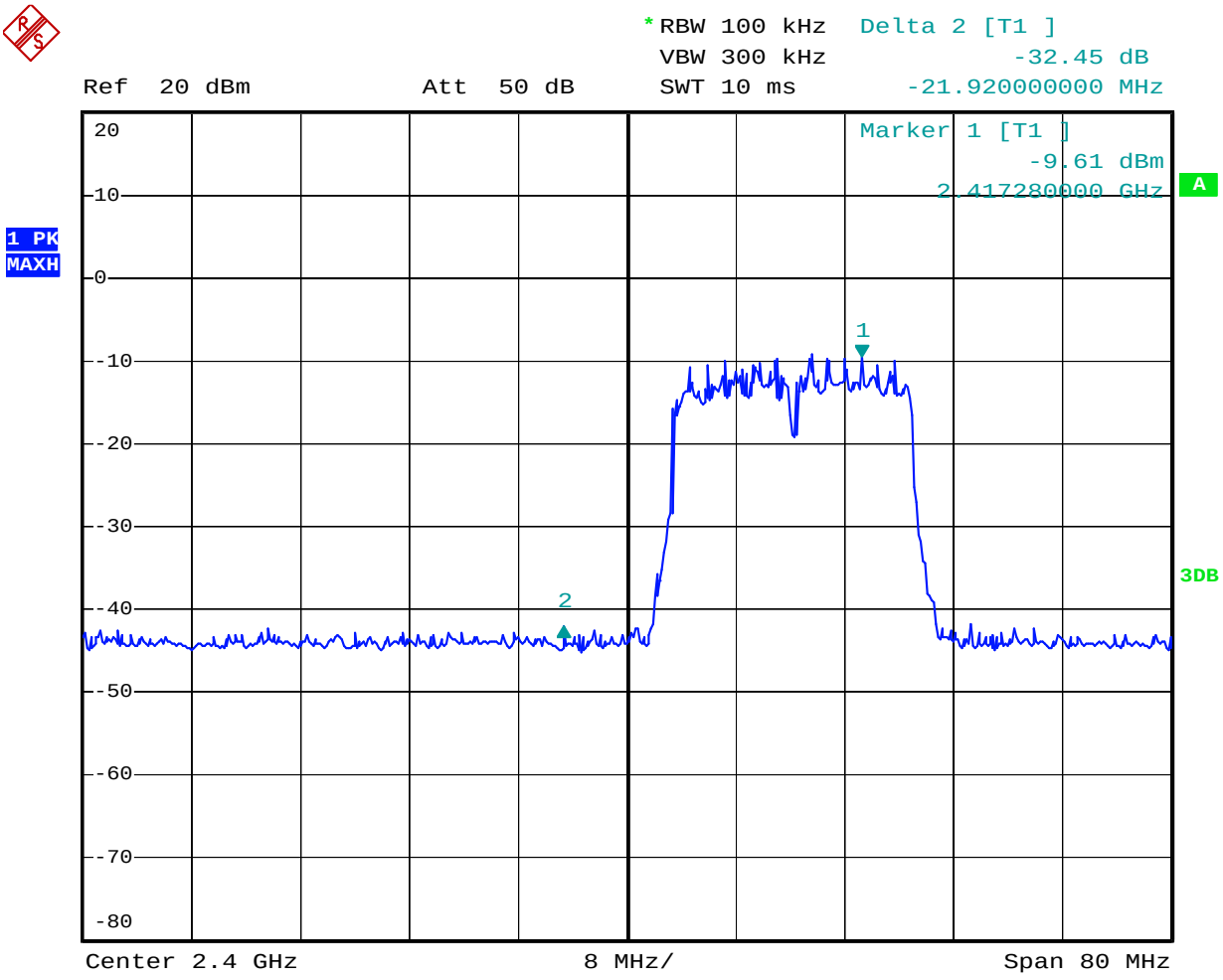
802.11g Channel Low 2412MHz



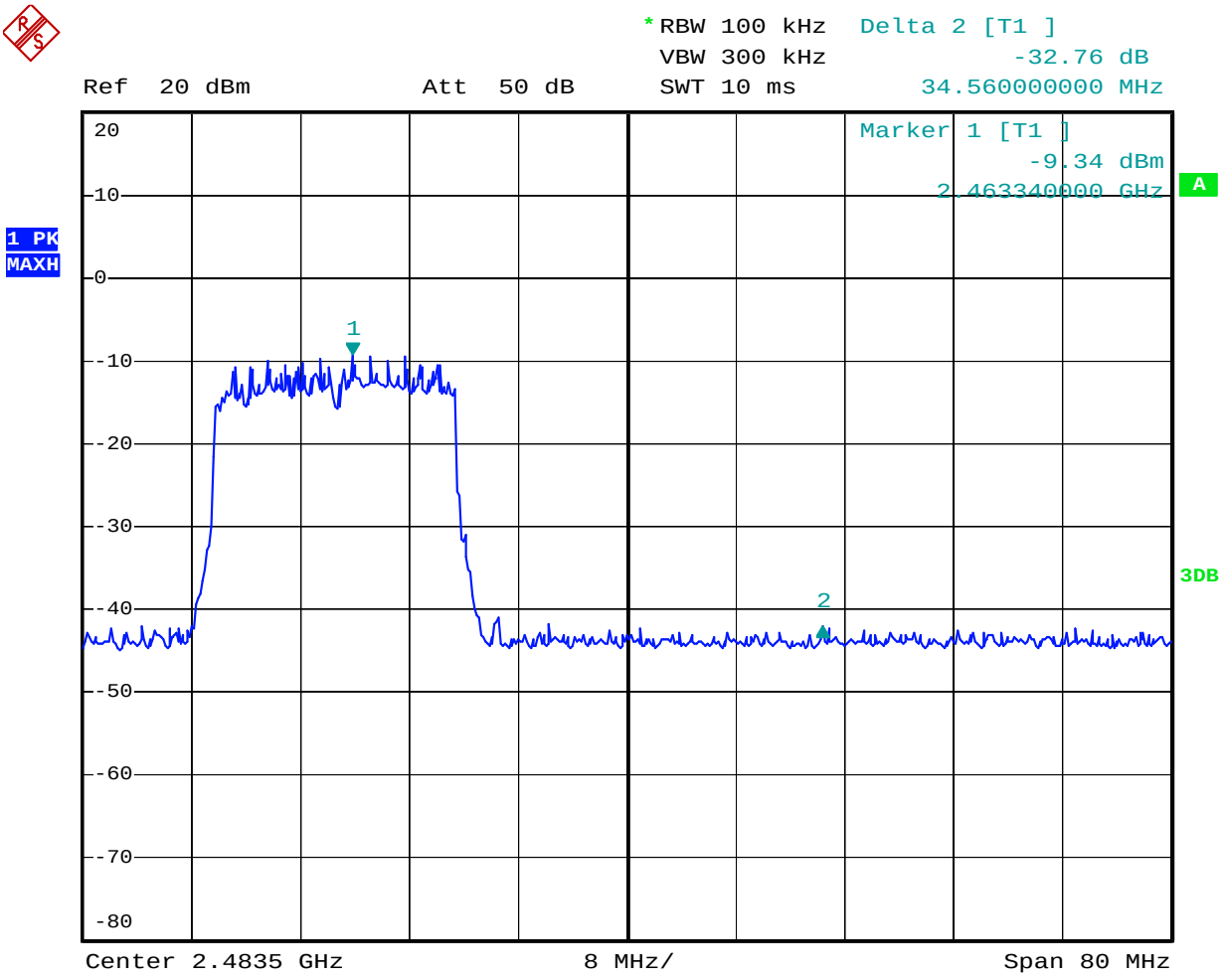
802.11g Channel High 2462MHz



802.11n Channel High 2412MHz



802.11n Channel High 2462MHz



Radiated Band Edge Result

Date of Test:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11g 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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11n 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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11n 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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

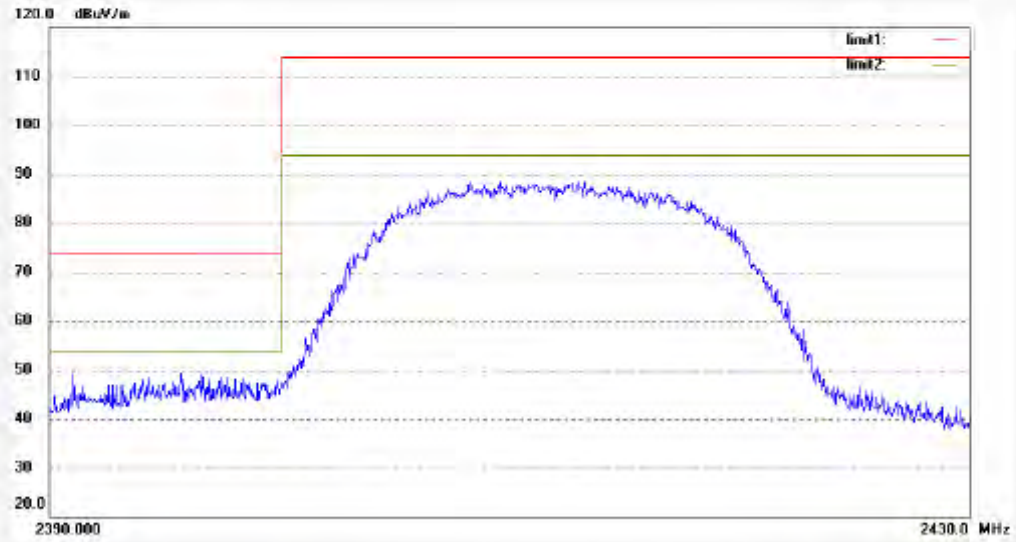
Note:

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.
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.: Kai #1533	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:15:17
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11b)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

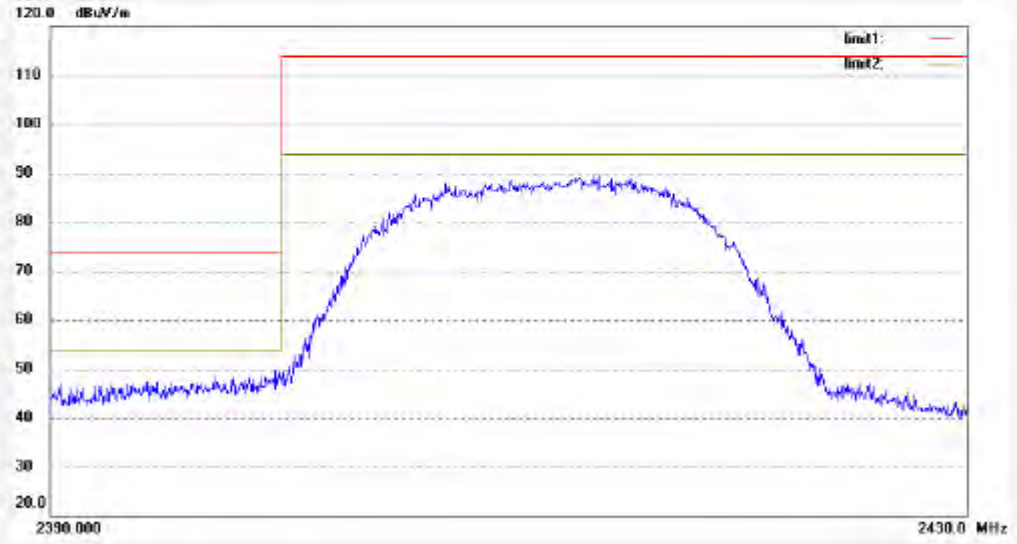


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1532	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:11:09
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11b)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

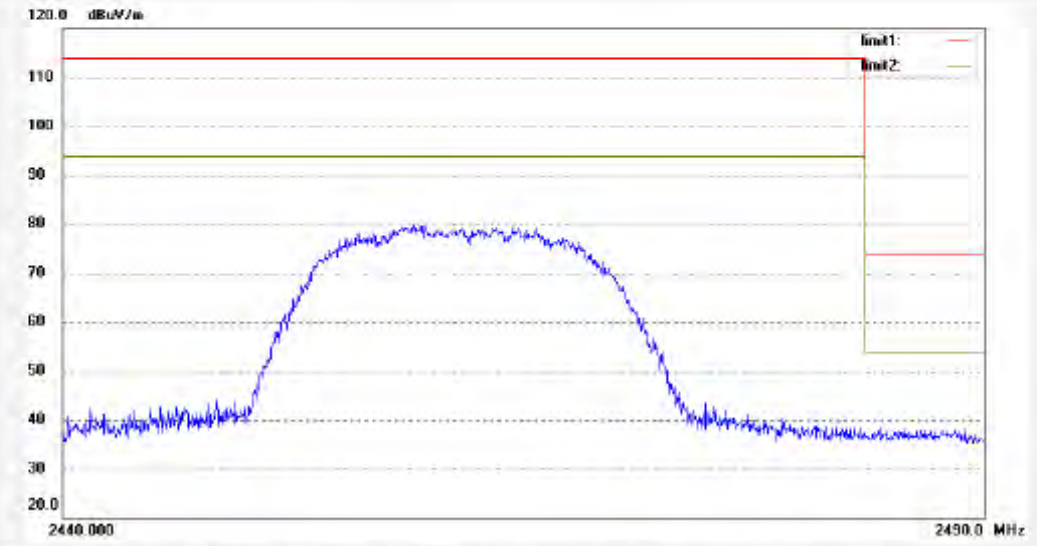


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1530	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:05:45
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11b)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

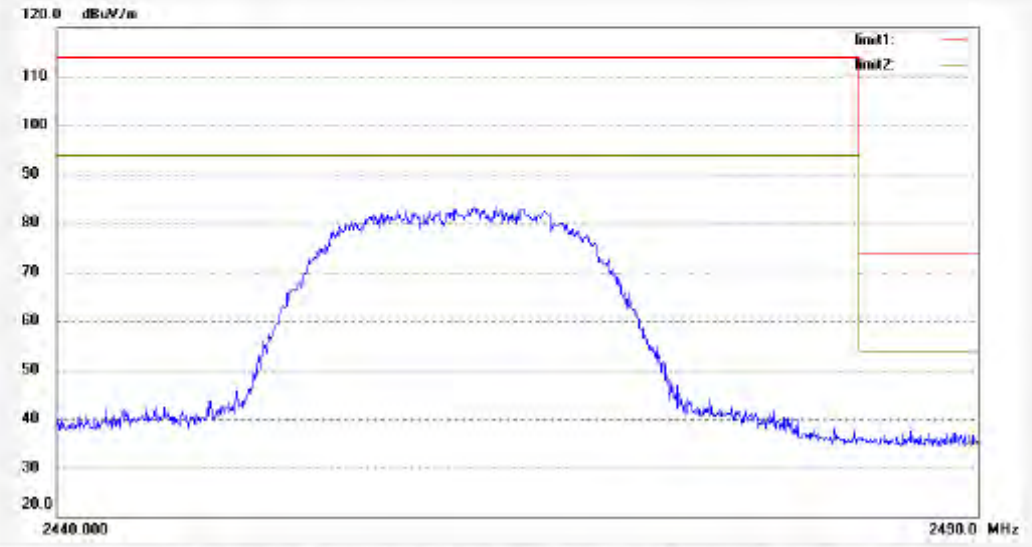


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1531	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:07:21
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11b)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

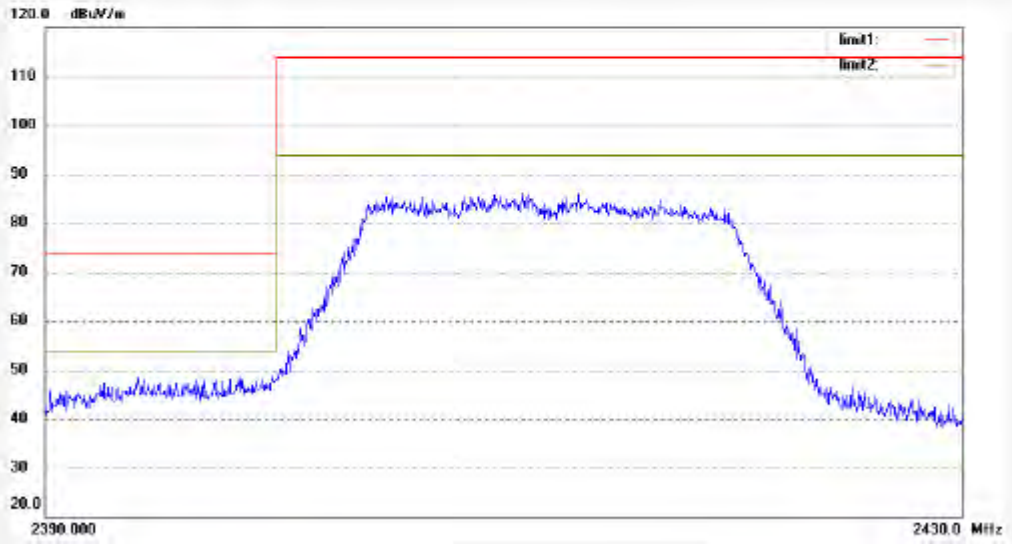


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1526	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 22:55:09
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11g)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

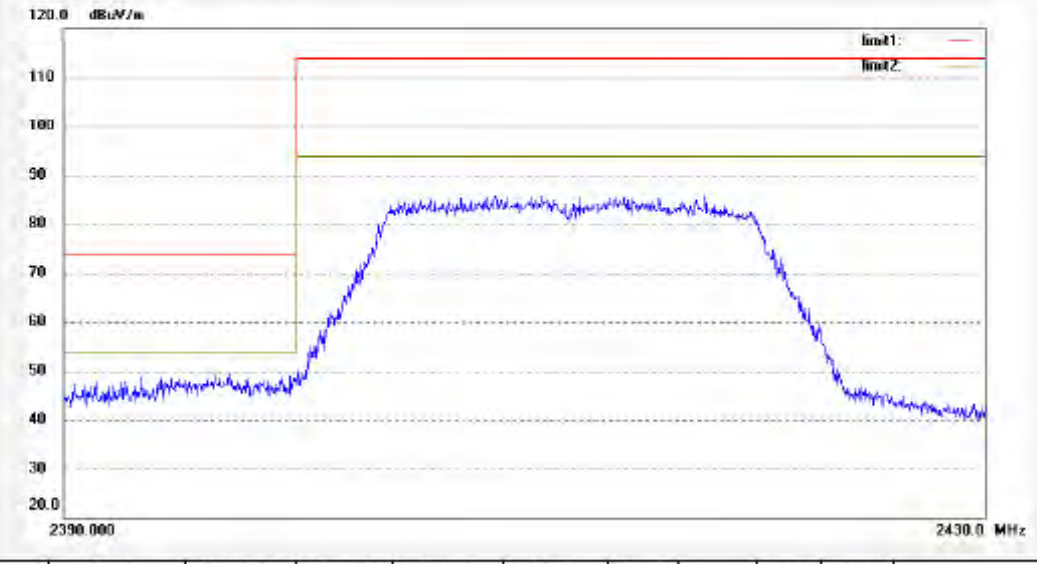


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1527	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 22:56:35
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11g)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

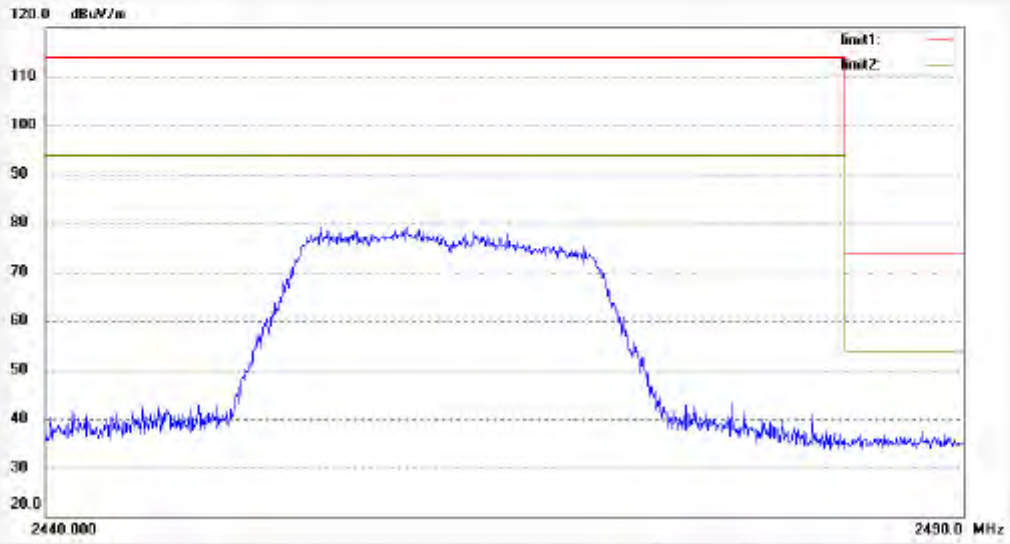


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1529	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:01:23
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11g)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269



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.: Kai #1528	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 23:00:19
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11g)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

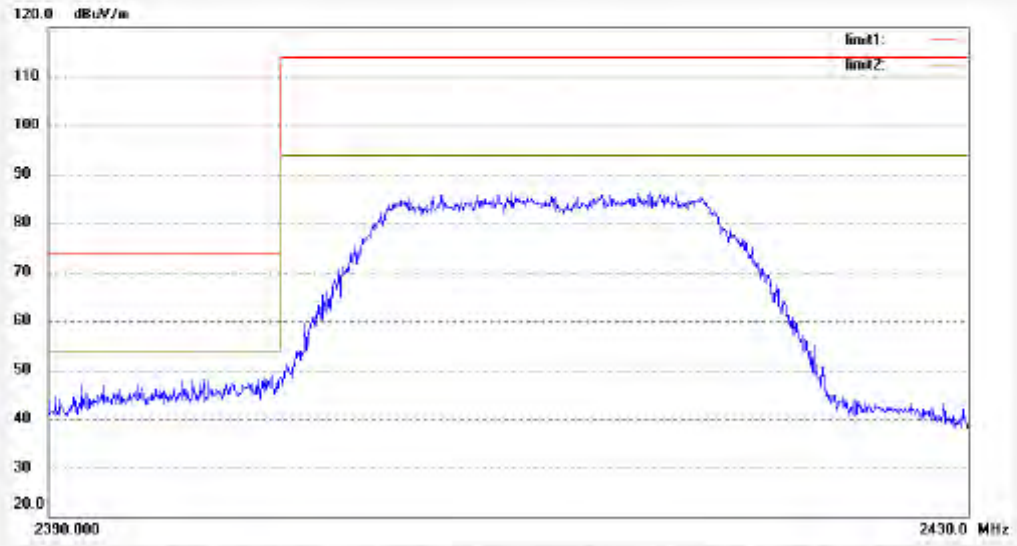
Note: Report No.:ATE2011269

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.: Kai #1522	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 22:42:51
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

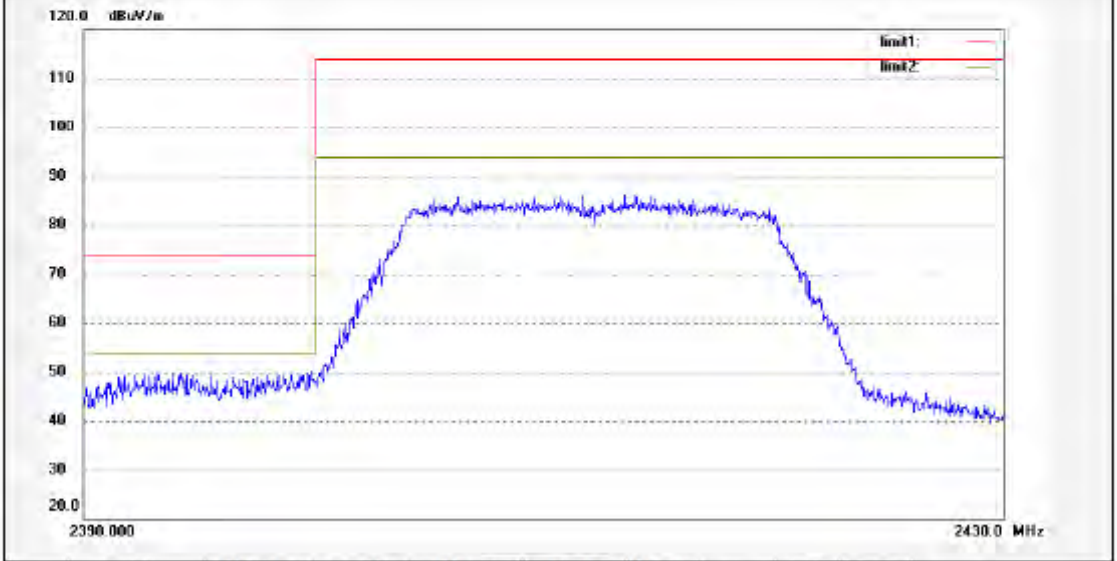


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1523	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 22:44:01
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269

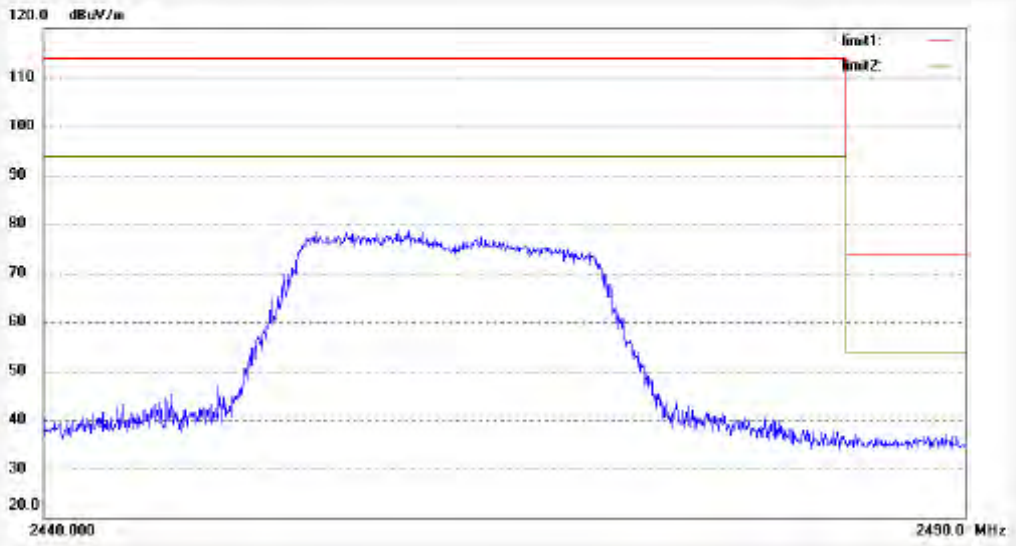


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1525	Polarization: Horizontal
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 22:50:06
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE2011269



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.: Kai #1524	Polarization: Vertical
Standard: FCC Part 15 PEAK 2.4G	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 22:48:57
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

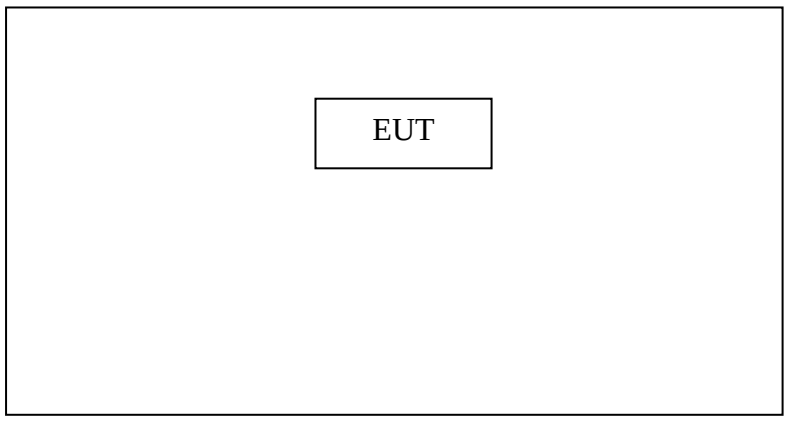
Note: Report No.:ATE2011269

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

9. RADIATED SPURIOUS EMISSION TEST

9.1.Block Diagram of Test Setup

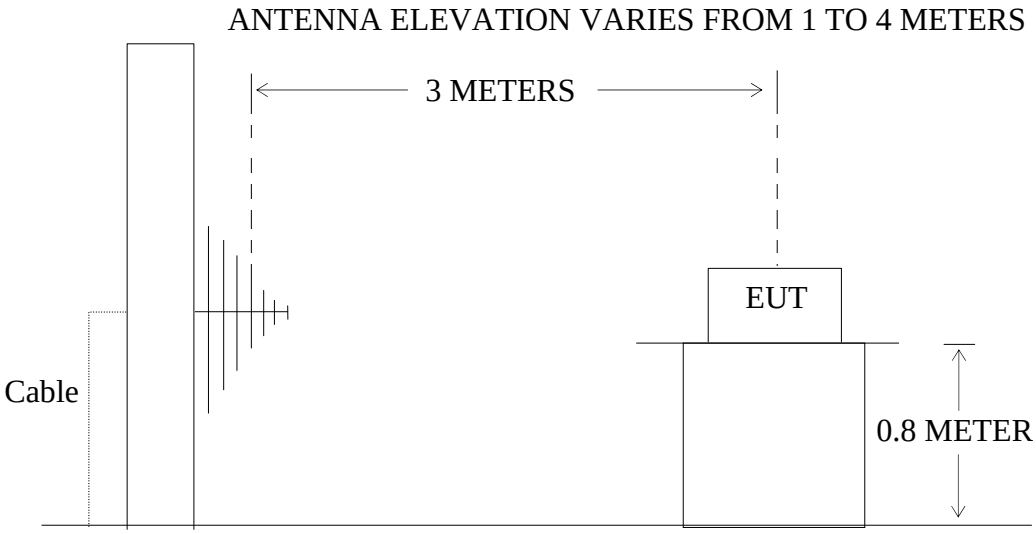
9.1.1.Block diagram of connection between the EUT and peripherals



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	**:**	M7000XX
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 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz TX frequency to transmit.

9.6.Test Procedure

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

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

9.7.The Field Strength of Radiation Emission Measurement Results

PASS.

Date of Test:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Pei

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	
153.9254	25.27	14.56	39.83	43.50	-3.67	Vertical
218.1194	24.12	16.63	40.75	46.00	-5.25	Vertical
500.1302	17.20	23.99	41.19	46.00	-4.81	Vertical
153.9254	24.19	14.56	38.75	43.50	-4.75	Horizontal
192.9837	22.62	16.04	38.66	43.50	-4.84	Horizontal
278.3546	21.98	18.28	40.26	46.00	-5.74	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	
2412.000	71.43	71.93	-7.43	64.00	34.53	-	-	-	-	Vertical
*4824.028	40.00	41.63	-0.19	39.81	41.44	54	74	-14.19	-32.56	Vertical
2412.000	71.54	71.72	-7.43	64.11	64.29	-	-	-	-	Horizontal
*4824.028	40.00	40.99	-0.19	39.81	40.80	54	74	-14.19	-33.20	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Pei

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	
168.0540	24.53	14.70	39.23	43.50	-4.27	Vertical
182.9379	24.25	15.87	40.12	43.50	-3.38	Vertical
694.4763	15.08	26.44	41.52	46.00	-4.48	Vertical
208.4701	23.70	16.29	39.99	43.50	-3.51	Horizontal
218.1194	24.21	16.63	40.84	46.00	-5.16	Horizontal
236.3095	23.18	16.80	39.98	46.00	-6.02	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2437.000	74.09	74.20	-7.36	66.73	66.84	-	-	-	-	Vertical
*4874.030	44.07	44.13	0.09	44.16	44.22	54	74	-9.84	-29.78	Vertical
2437.000	72.37	72.84	-7.36	65.01	65.48	-	-	-	-	Horizontal
*4874.030	41.59	41.96	0.09	41.68	42.05	54	74	-12.32	-31.95	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Pei

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	
172.1887	23.26	15.17	38.43	43.50	-5.07	Vertical
236.3095	21.73	16.50	38.23	46.00	-7.77	Vertical
555.2269	14.27	25.33	39.60	46.00	-6.40	Vertical
183.9379	24.02	15.98	40.00	43.50	-3.50	Horizontal
218.1194	23.35	16.63	39.98	46.00	-6.02	Horizontal
694.4763	14.18	26.44	40.62	46.00	-5.38	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2462.000	76.37	76.59	-7.35	69.02	69.24	-	-	-	-	Vertical
*4924.038	46.15	46.21	0.34	46.49	46.55	54	74	-7.51	-27.45	Vertical
2462.000	74.54	74.72	-7.35	67.19	67.37	-	-	-	-	Horizontal
*4924.038	42.16	42.27	0.34	42.50	42.61	54	74	-11.50	-31.39	Horizontal

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

2. *: Denotes restricted band of operation.

Date of Test:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Pei

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	
172.7878	25.16	15.30	40.46	43.50	-3.04	Vertical
193.7838	24.15	16.10	40.25	43.50	-3.25	Vertical
669.6023	16.23	26.13	42.36	46.00	-3.64	Vertical
192.7838	22.55	16.04	38.59	43.50	-4.91	Horizontal
209.9259	23.15	16.35	39.50	43.50	-4.00	Horizontal
646.4529	14.11	26.06	40.17	46.0	-5.83	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	
2412.000	72.66	72.93	-7.43	65.23	65.50	-	-	-	-	Vertical
*4824.031	40.00	41.62	-0.19	39.81	41.43	54	74	-14.19	-32.57	Vertical
2412.000	74.55	79.58	-7.43	67.12	72.15	-	-	-	-	Horizontal
*4824.031	40.00	41.20	-0.19	39.81	41.01	54	74	-14.19	-32.99	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Pei

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	
169.2247	25.08	14.71	39.79	43.50	-3.71	Vertical
183.2379	24.16	15.87	40.03	43.50	-3.47	Vertical
622.2167	14.24	26.06	40.30	46.00	-5.70	Vertical
193.2838	23.22	16.04	39.26	43.50	-4.24	Horizontal
211.0924	23.25	16.39	39.64	43.50	-3.86	Horizontal
693.5763	15.23	26.43	41.66	46.00	-4.34	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2437.000	72.62	72.82	-7.36	65.26	65.46	-	-	-	-	Vertical
*4874.110	44.17	44.31	0.09	44.26	44.40	54	74	-9.74	-29.60	Vertical
2437.000	75.06	81.23	-7.36	67.70	73.87	-	-	-	-	Horizontal
*4874.110	41.83	49.42	0.09	41.92	49.51	54	74	-12.08	-24.49	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Pei

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	
178.2744	24.02	15.77	39.79	43.50	-3.71	Vertical
279.3546	21.17	18.28	39.45	46.00	-6.55	Vertical
576.9882	15.09	25.38	40.47	46.00	-5.53	Vertical
163.3206	25.03	14.64	39.67	43.50	-3.83	Horizontal
218.1194	23.10	16.63	39.73	46.00	-6.27	Horizontal
683.8260	14.17	26.36	40.53	46.00	-5.47	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2462.000	77.21	77.33	-7.35	69.86	69.98	-	-	-	-	Vertical
*4924.105	43.29	43.47	0.34	43.63	43.81	54	74	-10.37	-30.19	Vertical
2462.000	78.42	78.60	-7.35	71.07	71.25	-	-	-	-	Horizontal
*4924.105	44.83	45.05	0.34	45.17	45.39	54	74	-8.83	-28.61	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Low 2412MHz	Test Engineer:	Pei

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	
191.7732	23.27	16.06	39.33	43.50	-4.17	Vertical
214.3557	24.28	16.51	40.79	43.50	-2.71	Vertical
513.1487	18.0	24.09	42.09	46.00	-3.91	Vertical
154.6254	24.38	14.56	38.94	43.50	-4.56	Horizontal
193.7838	23.21	16.03	39.24	43.50	-4.26	Horizontal
710.6941	14.32	26.83	41.15	46.00	-4.85	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	
2412.000	71.52	71.73	-7.43	64.09	64.30	-	-	-	-	Vertical
*4824.101	40.00	41.01	-0.19	39.81	40.82	54	74	-14.19	-33.18	Vertical
2412.000	73.34	73.63	-7.43	65.91	66.20	-	-	-	-	Horizontal
*4824.101	41.40	41.64	-0.19	41.21	41.45	54	74	-12.79	-32.55	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel Middle 2437MHz	Test Engineer:	Pei

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	
170.5919	25.11	14.84	39.95	43.50	-3.55	Vertical
183.9379	24.24	15.90	40.14	43.50	-3.36	Vertical
236.3095	25.16	16.50	41.66	46.00	-4.34	Vertical
193.7838	23.17	16.03	39.20	43.50	-4.30	Horizontal
218.1194	24.35	16.63	40.98	46.00	-5.02	Horizontal
385.1960	19.22	21.72	40.94	46.00	-5.06	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2437.000	72.48	72.70	-7.43	65.05	65.27	-	-	-	-	Vertical
*4874.120	44.15	44.28	0.09	44.24	44.37	54	74	-9.76	-9.63	Vertical
2437.000	75.45	78.92	-7.36	68.09	71.29	-	-	-	-	Horizontal
*4874.120	42.31	44.57	0.09	42.40	44.66	54	74	-11.60	-31.60	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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	DC 3.7V
Test Mode:	802.11n Channel High 2462MHz	Test Engineer:	Pei

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	
153.9254	25.62	14.56	40.18	43.50	-3.32	Vertical
170.9919	25.46	14.93	40.39	43.50	-3.11	Vertical
465.2561	17.57	23.43	41.00	46.00	-5.00	Vertical
210.6579	24.10	16.37	40.47	43.50	-3.03	Horizontal
324.5896	21.14	19.53	40.67	46.00	-5.33	Horizontal
554.2269	16.20	25.32	41.52	46.00	-4.48	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading(dBμV/m)		Factor Corr. (dB)	Result(dBμV/m)		Limit(dBμV/m)		Margin(dBμV/m)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2462.000	76.11	76.29	-7.35	68.76	68.94	-	-	-	-	Vertical
*4924.121	46.42	46.75	0.34	46.76	47.09	54	74	-7.24	-26.91	Vertical
2462.000	75.08	75.25	-7.35	67.73	67.90	-	-	-	-	Horizontal
*4924.121	40.00	40.16	0.34	40.34	40.50	54	74	-13.66	-33.50	Horizontal

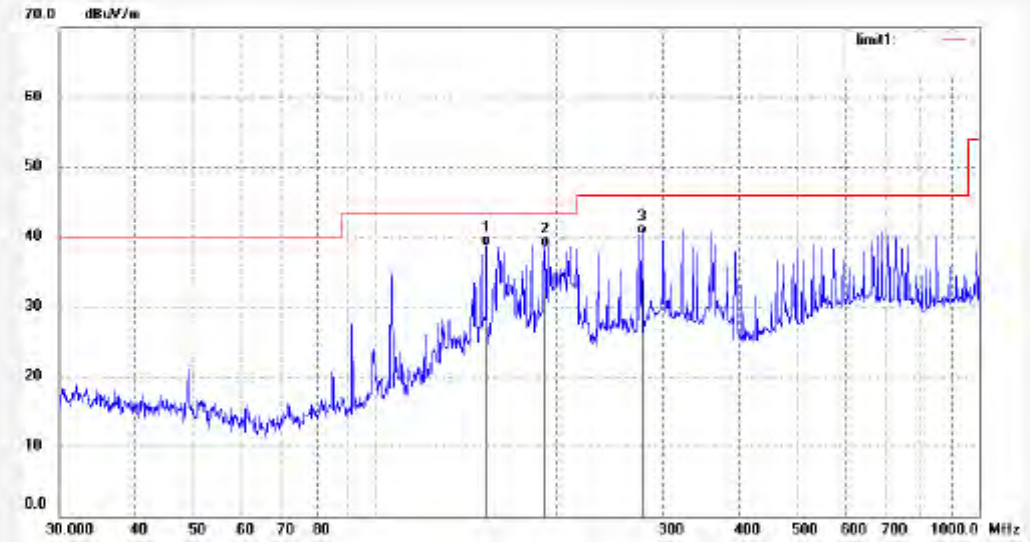
Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.

2. *: Denotes restricted band of operation.

ACCURATE TECHNOLOGY CO., LTD.
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.: Kai #1484	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 11/12/15/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/32/23
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



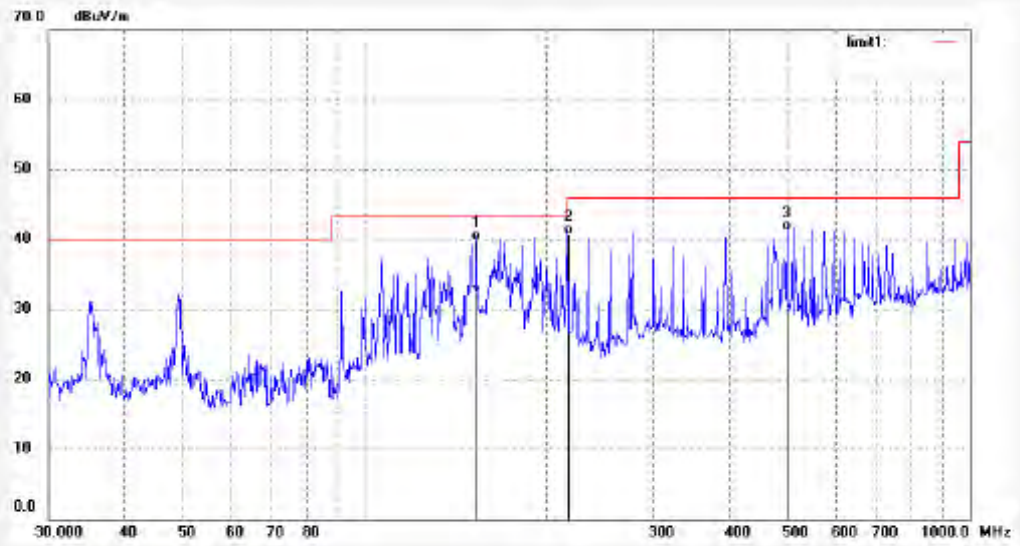
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	153.9254	24.19	14.56	38.75	43.50	-4.75	QP			
2	192.9837	22.62	16.04	38.66	43.50	-4.84	QP			
3	278.3546	21.98	18.28	40.26	46.00	-5.74	QP			

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.: Kai #1485
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/32/50
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



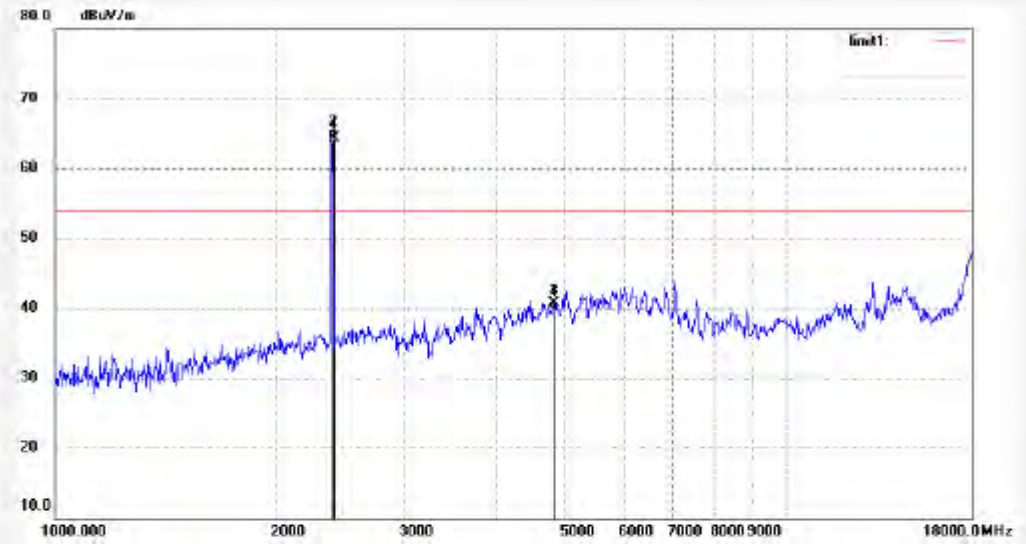
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	153.9254	25.27	14.56	39.83	43.50	-3.67	QP			
2	218.1194	24.12	16.63	40.75	46.00	-5.25	QP			
3	500.1302	17.20	23.99	41.19	46.00	-4.81	QP			

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.: Kai #1505
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:01:27
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



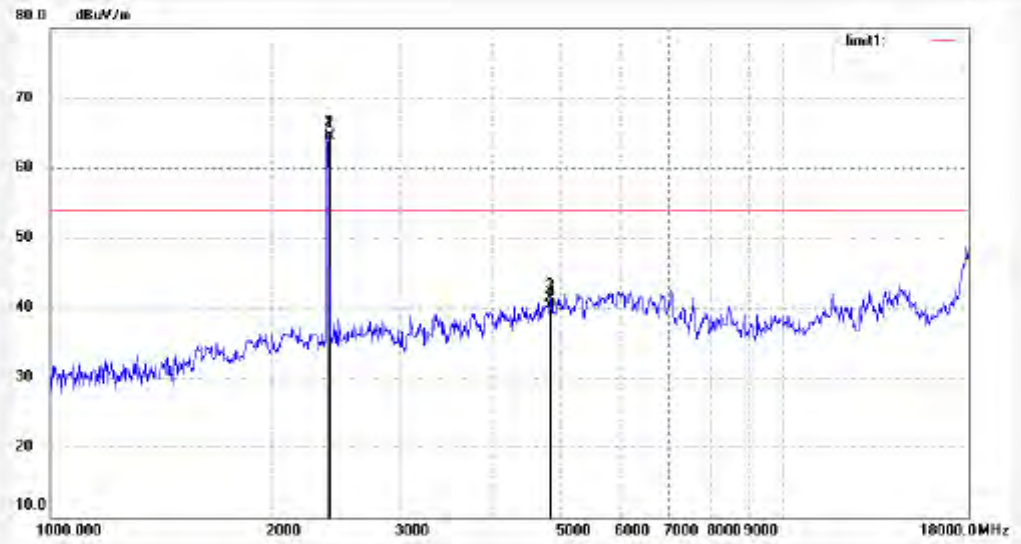
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	71.72	-7.43	64.29	--	--	peak			
2	2412.000	71.54	-7.43	64.11	--	--	AVG			
3	4824.028	40.99	-0.19	40.80	74.00	-33.20	peak			
4	4824.028	40.00	-0.19	39.81	54.00	-14.19	AVG			

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

Job No.: Kai #1504
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 17:55:36
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

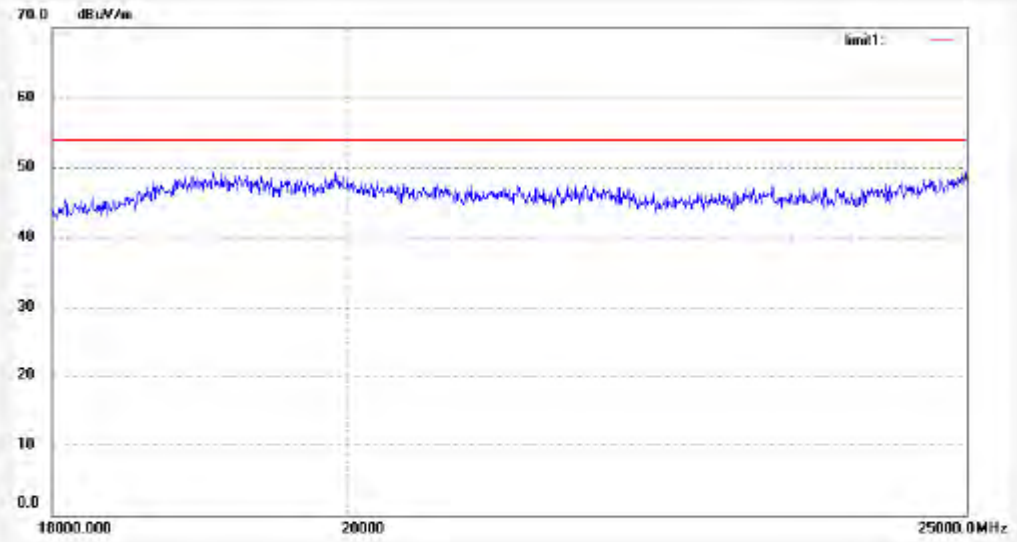


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	71.96	-7.43	64.53	--	--	peak			
2	2412.000	71.43	-7.43	64.00	--	--	AVG			
3	4824.028	41.63	-0.19	41.44	74.00	-32.56	peak			
4	4824.028	40.00	-0.19	39.81	54.00	-14.19	AVG			

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

Job No.: Kai #1545	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 14:57:50
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

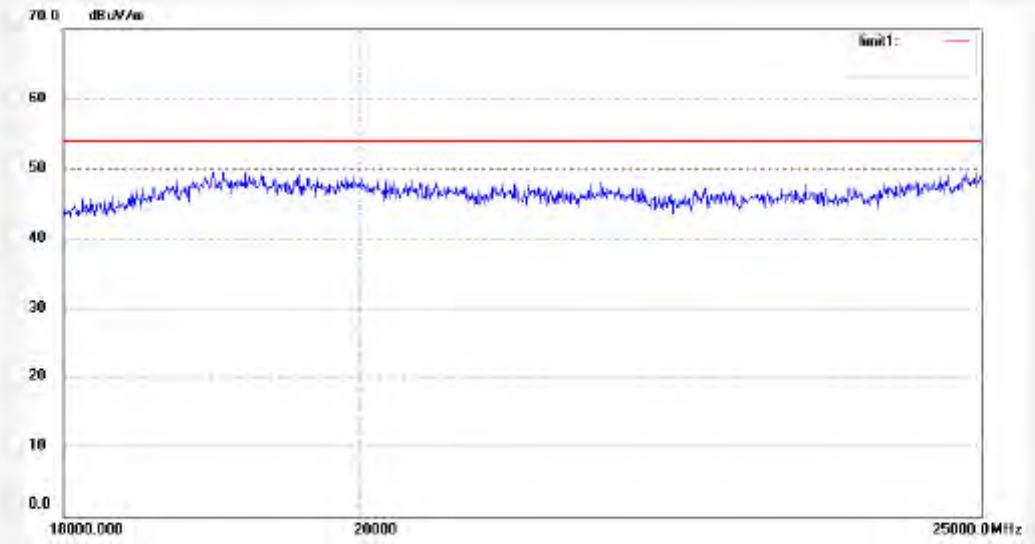


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1546	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:01:26
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

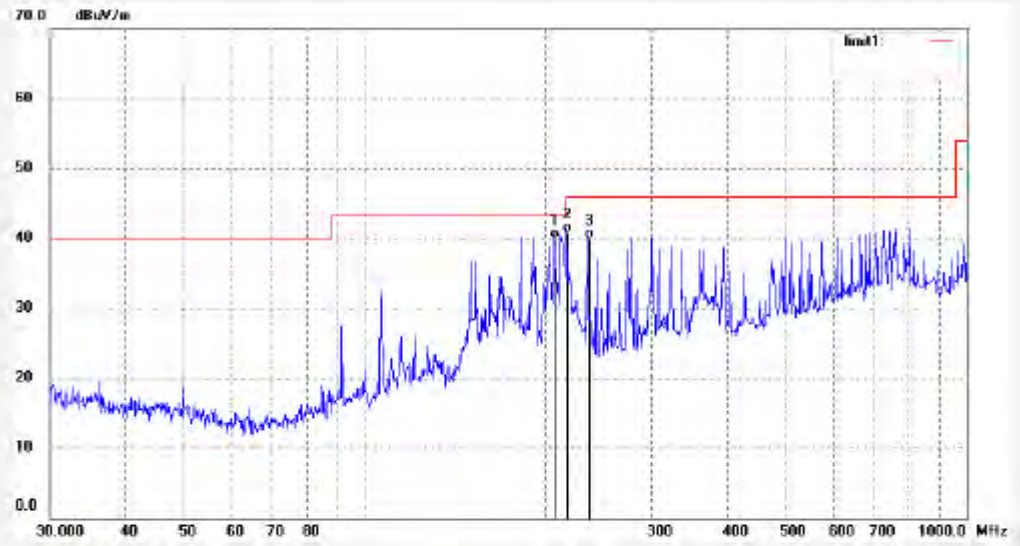


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1487	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 11/12/15/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/34/46
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



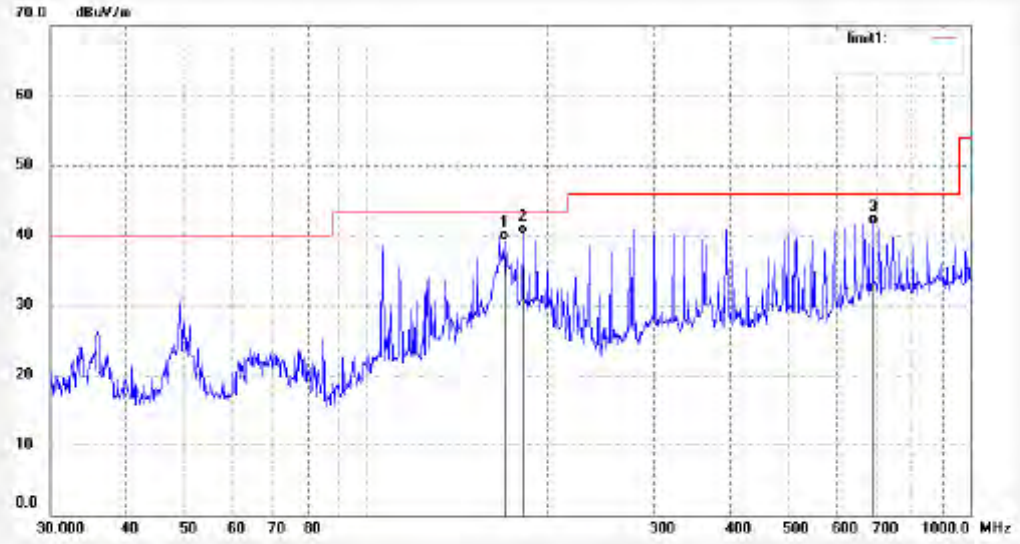
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	208.4701	23.70	16.29	39.99	43.50	-3.51	QP			
2	218.1194	24.21	16.63	40.84	46.00	-5.16	QP			
3	236.3095	23.18	16.80	39.98	46.00	-6.02	QP			

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.: Kai #1486
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/34/00
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



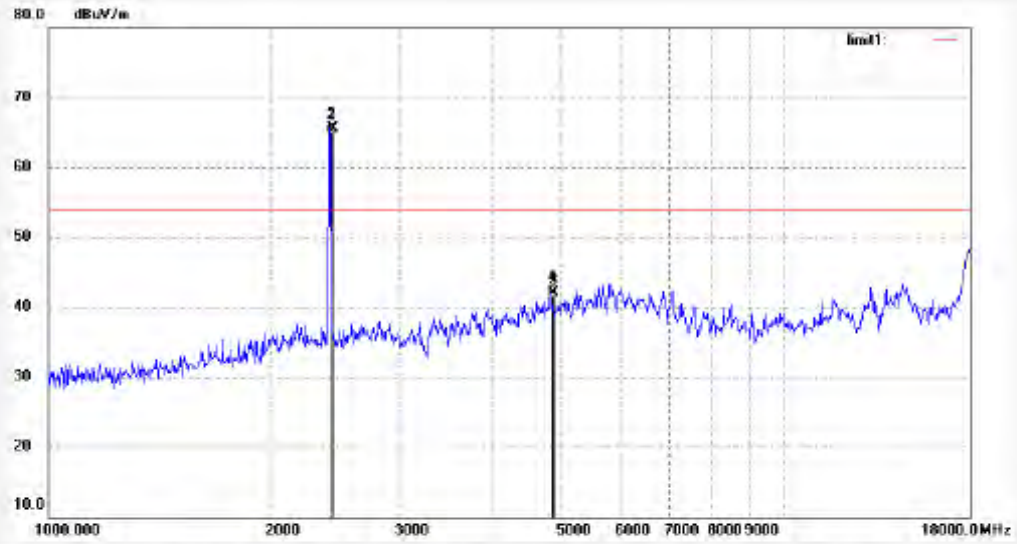
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	168.0540	24.53	14.70	39.23	43.50	-4.27	QP			
2	182.9379	24.25	15.87	40.12	43.50	-3.38	QP			
3	694.4763	15.08	26.44	41.52	46.00	-4.48	QP			

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.: Kai #1508
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:02:47
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



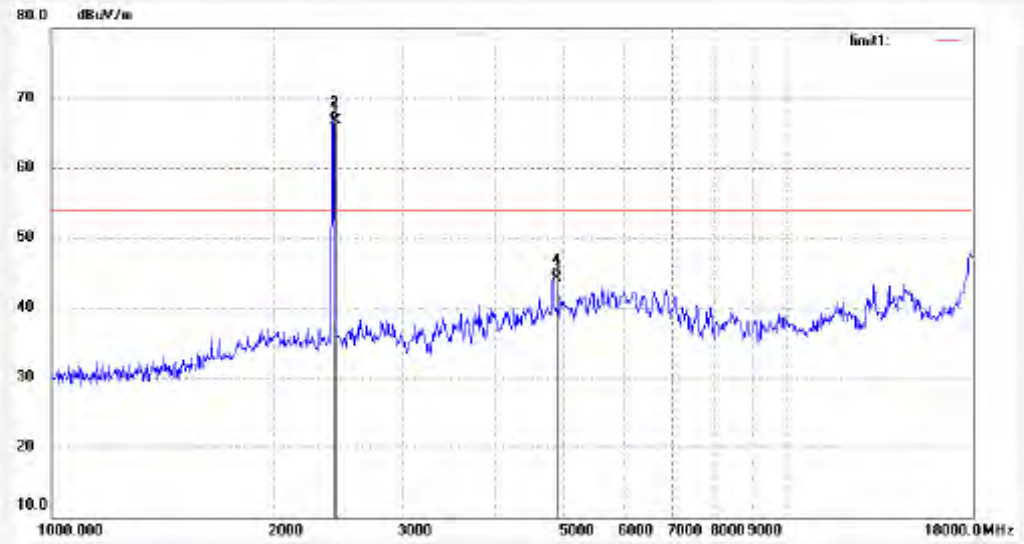
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	72.84	-7.36	65.48	--	--	peak			
2	2437.000	72.37	-7.36	65.01	--	--	AVG			
3	4874.030	41.96	0.09	42.05	74.00	-31.95	peak			
4	4874.030	41.59	0.09	41.68	54.00	-12.32	AVG			

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

Job No.: Kai #1507
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:03:59
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

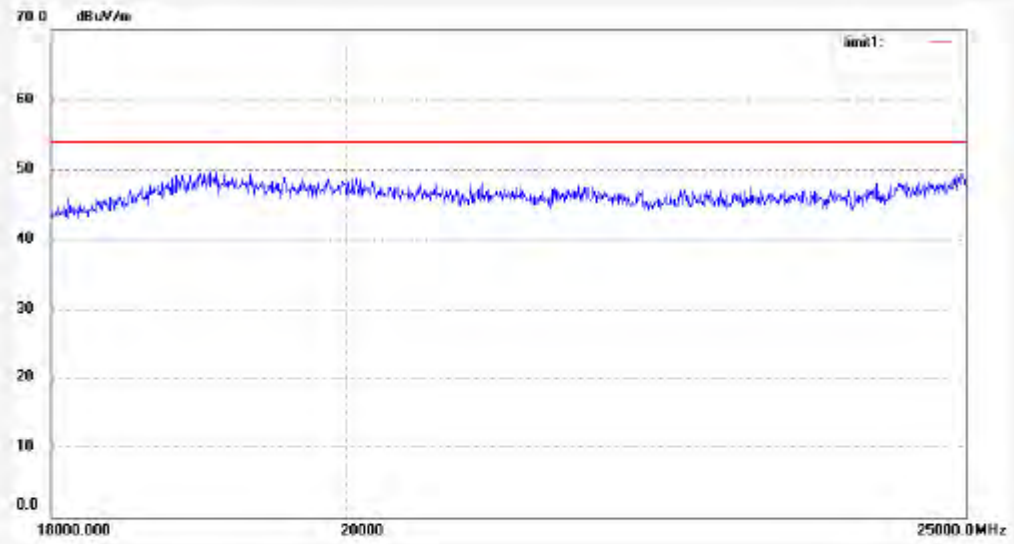


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	74.20	-7.36	66.84	--	--	peak			
2	2437.000	74.09	-7.36	66.73	--	--	AVG			
3	4874.030	44.13	0.09	44.22	74.00	-29.78	peak			
4	4874.030	44.07	0.09	44.16	54.00	-9.84	AVG			

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

Job No.: Kai #1548	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:09:14
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

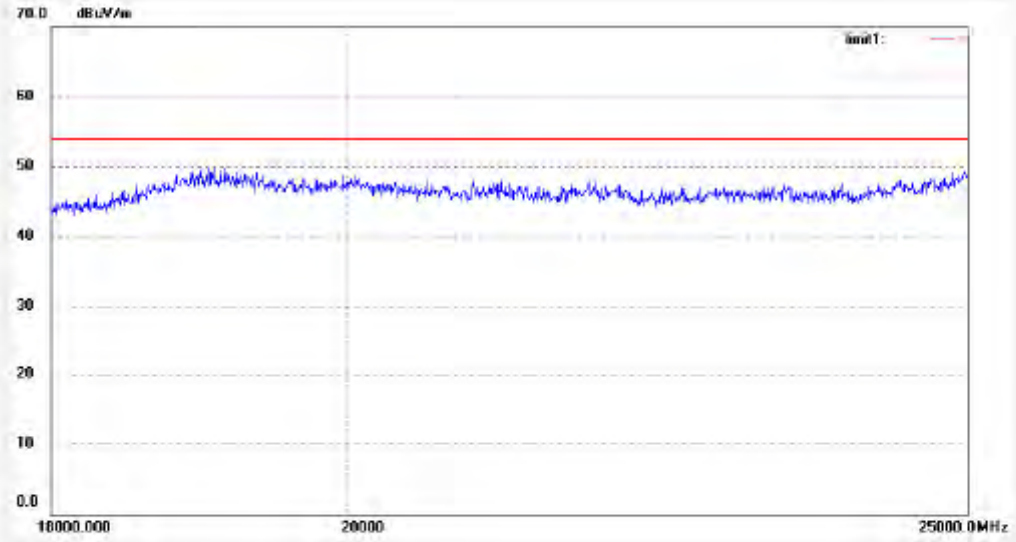


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1547	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:05:40
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 6 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



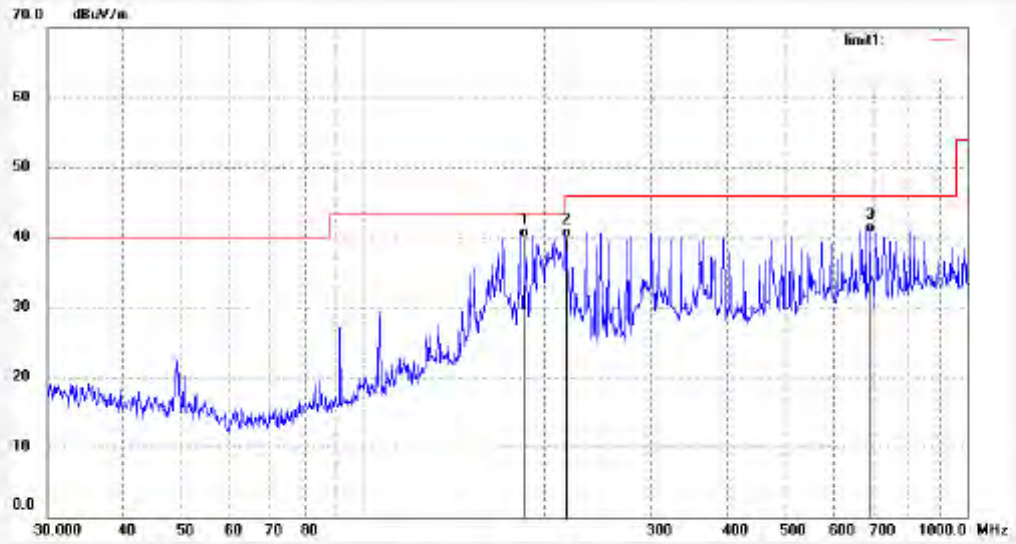
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1488
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/35/26
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629

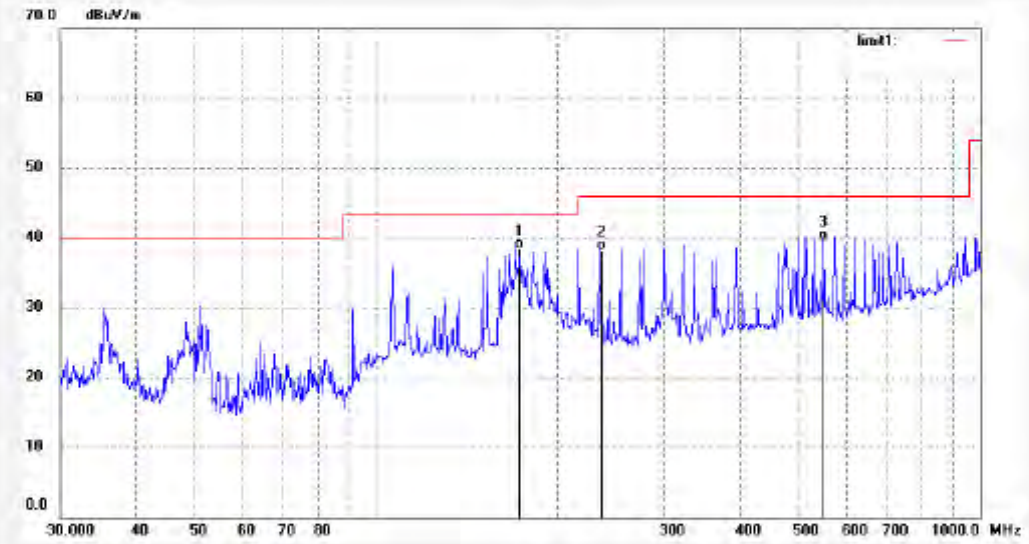


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	183.9379	24.02	15.98	40.00	43.50	-3.50	QP			
2	218.1194	23.35	16.63	39.98	46.00	-6.02	QP			
3	694.4763	14.18	26.44	40.62	46.00	-5.38	QP			

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.: Kai #1489	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 11/12/15/
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 8/35/56
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



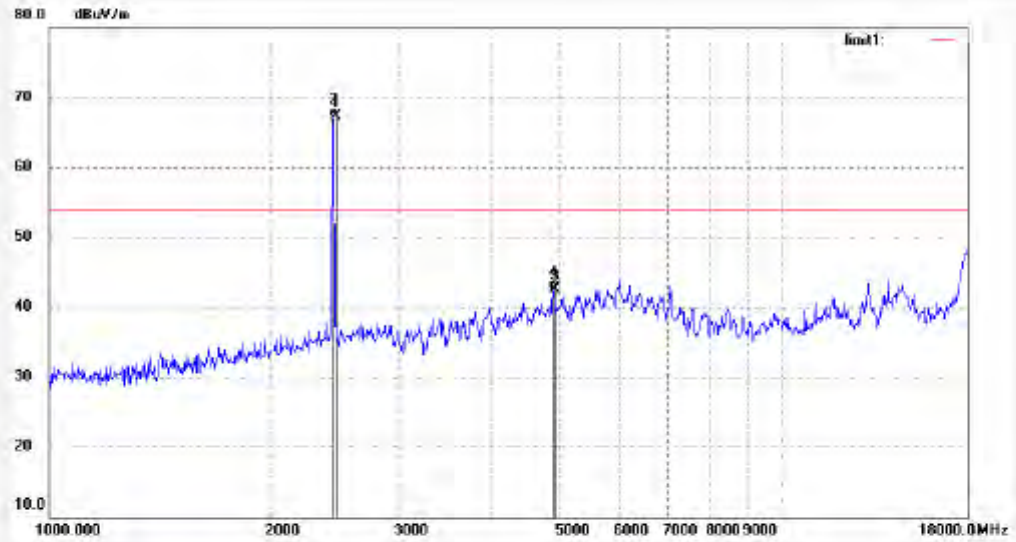
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	172.1887	23.26	15.17	38.43	43.50	-5.07	QP			
2	236.3095	21.73	16.50	38.23	46.00	-7.77	QP			
3	555.2269	14.27	25.33	39.60	46.00	-6.40	QP			

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.: Kai #1509
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:06:23
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



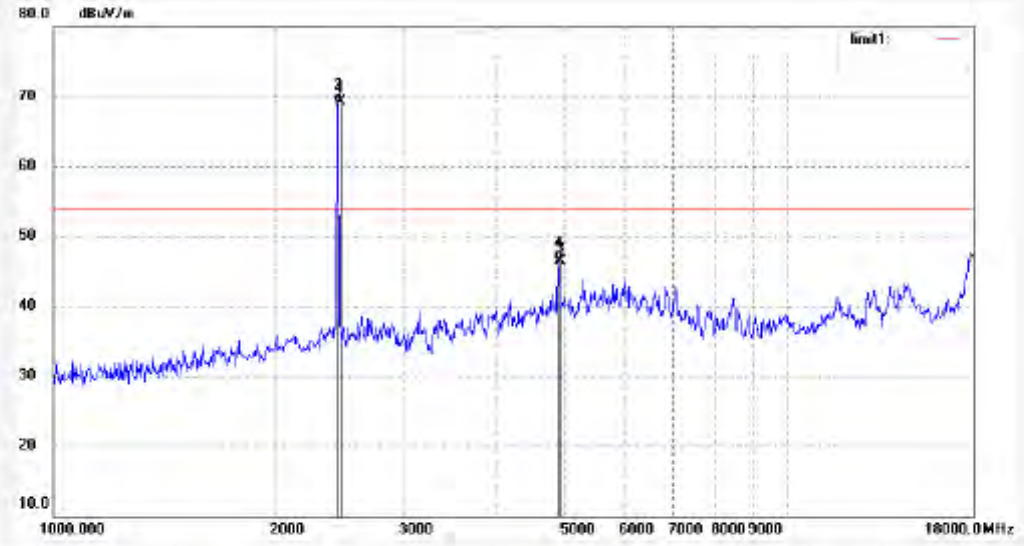
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	74.72	-7.35	67.37	--	--	peak			
2	2462.000	74.54	-7.35	67.19	--	--	AVG			
3	4924.038	42.27	0.34	42.61	74.00	-31.39	peak			
4	4924.038	42.16	0.34	42.50	54.00	-11.50	AVG			

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

Job No.: Kai #1508
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11b)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:05:15
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

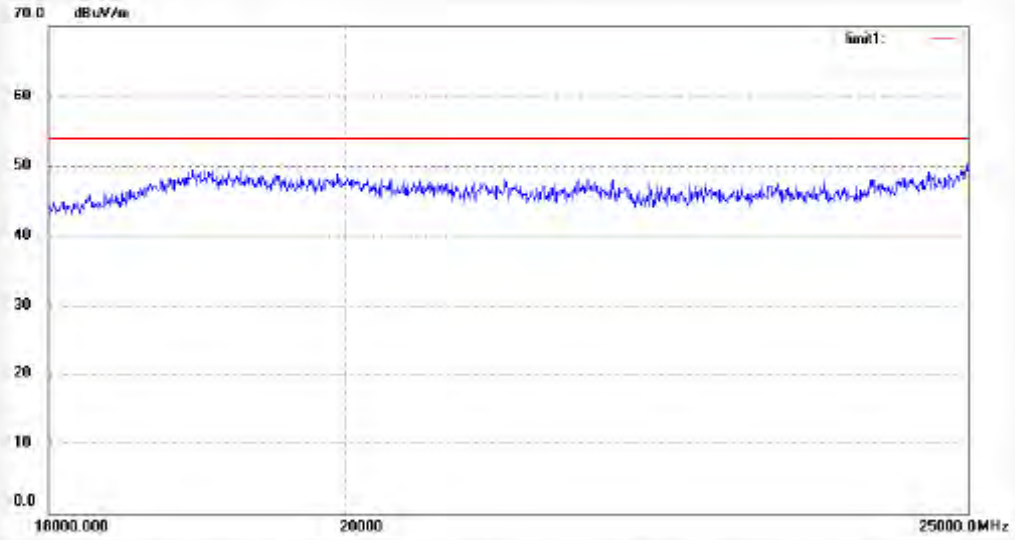


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	76.59	-7.35	69.24	--	--	peak			
2	2462.000	76.37	-7.35	69.02	--	--	AVG			
3	4924.038	46.21	0.34	46.55	74.00	-27.45	peak			
4	4924.038	46.15	0.34	46.49	54.00	-7.51	AVG			

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

Job No.: Kai #1549	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:13:25
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

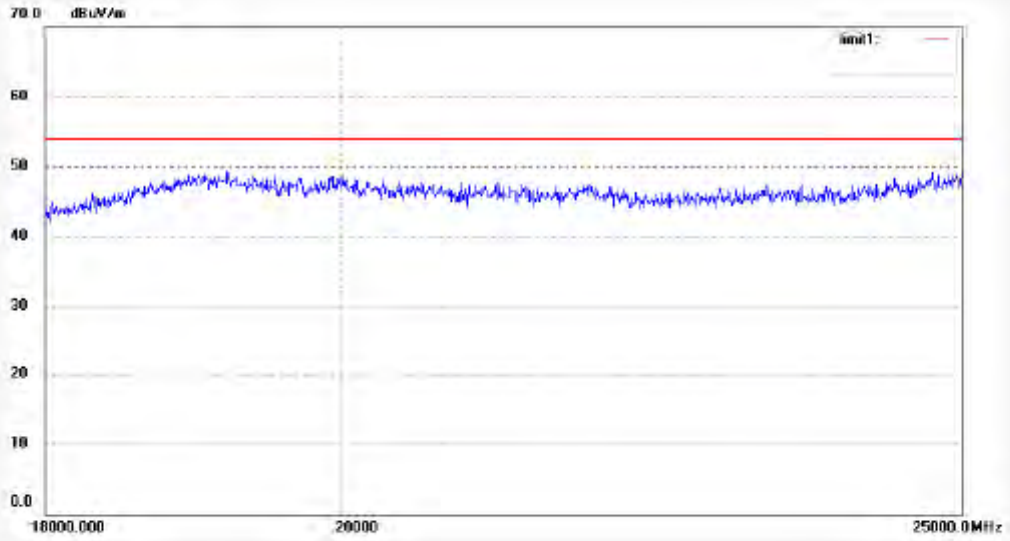


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1550	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:16:58
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11b)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



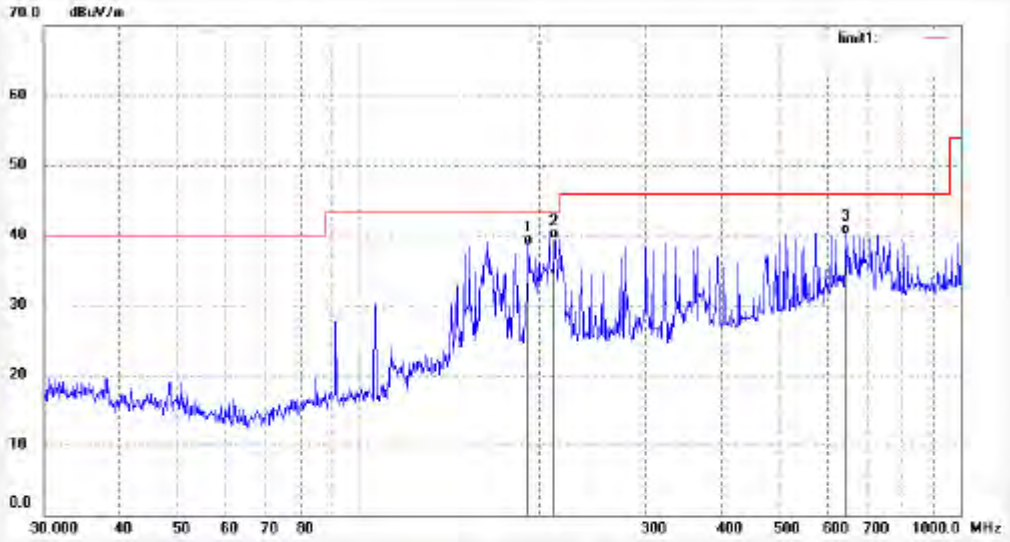
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1495
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/39/44
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



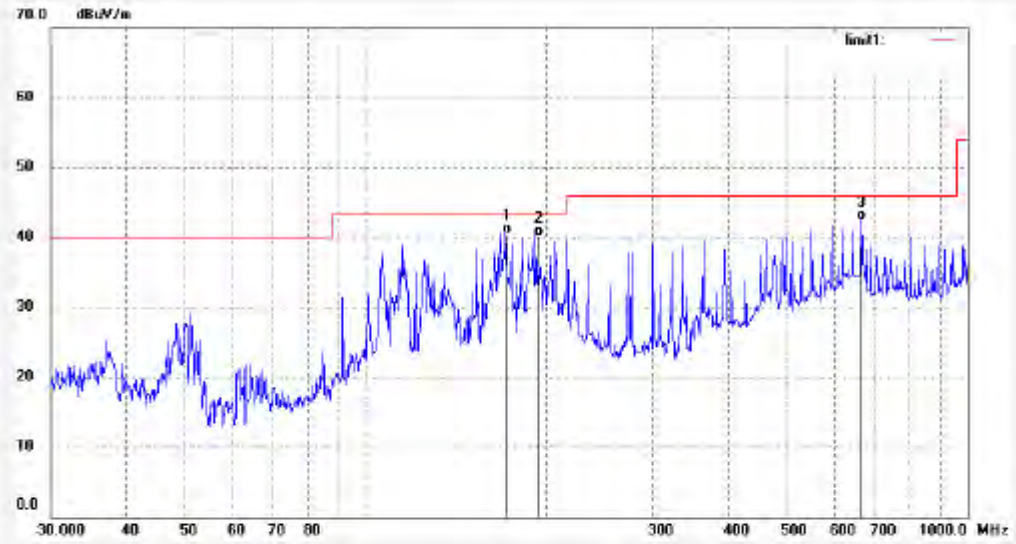
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	192.7838	22.55	16.04	38.59	43.50	-4.91	QP			
2	209.9259	23.15	16.35	39.50	43.50	-4.00	QP			
3	646.4529	14.11	26.06	40.17	46.00	-5.83	QP			

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.: Kai #1494
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/39/04
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



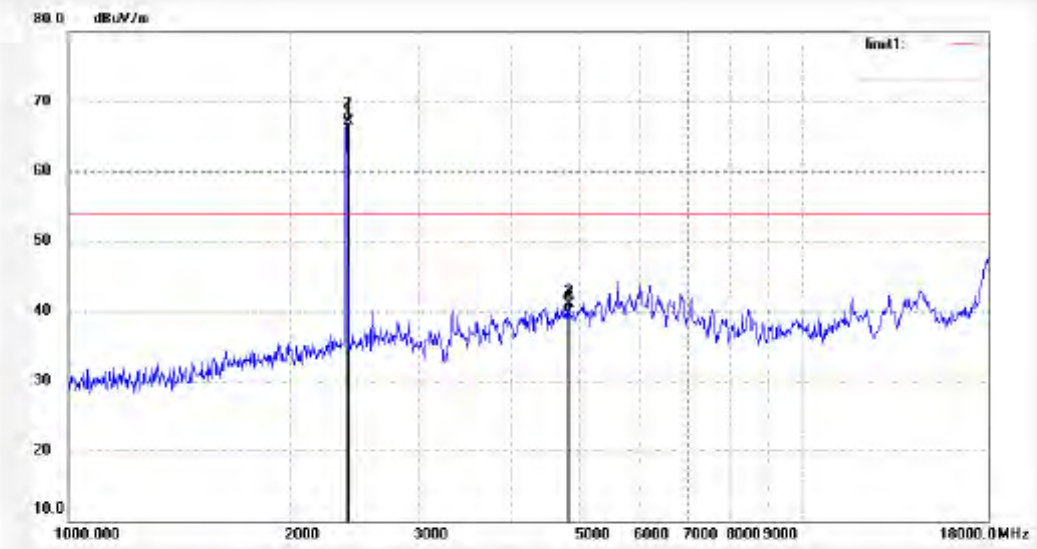
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	172.7878	25.16	15.30	40.46	43.50	-3.04	QP			
2	193.7838	24.15	16.10	40.25	43.50	-3.25	QP			
3	669.6023	16.23	26.13	42.36	46.00	-3.64	QP			

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.: Kai #1514
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:23:16
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



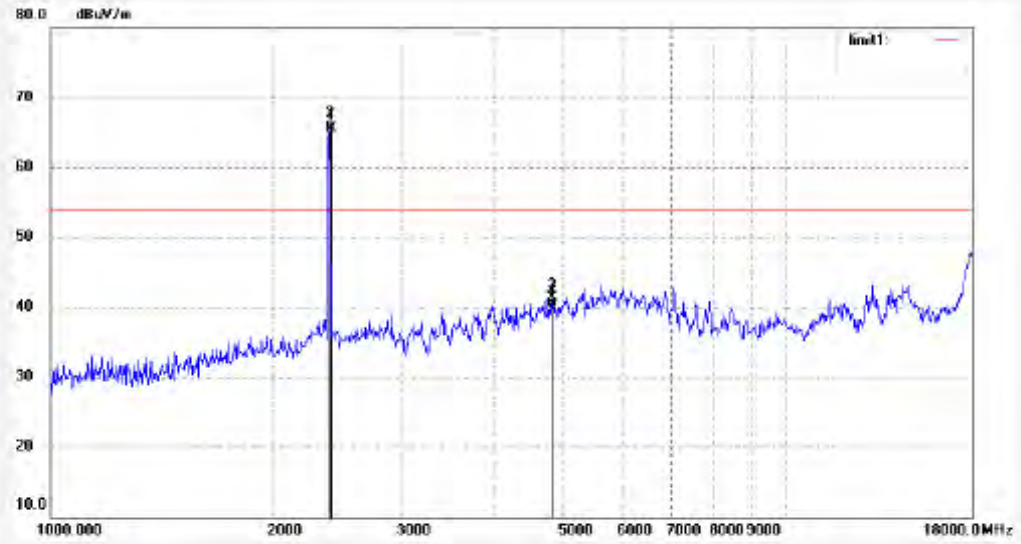
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	79.58	-7.43	72.15	--	--	peak			
2	2412.000	74.55	-7.43	67.12	--	--	AVG			
3	4824.031	41.20	-0.19	41.01	74.00	-32.99	peak			
4	4824.031	40.00	-0.19	39.81	54.00	-14.19	AVG			

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

Job No.: Kai #1515
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:24:19
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

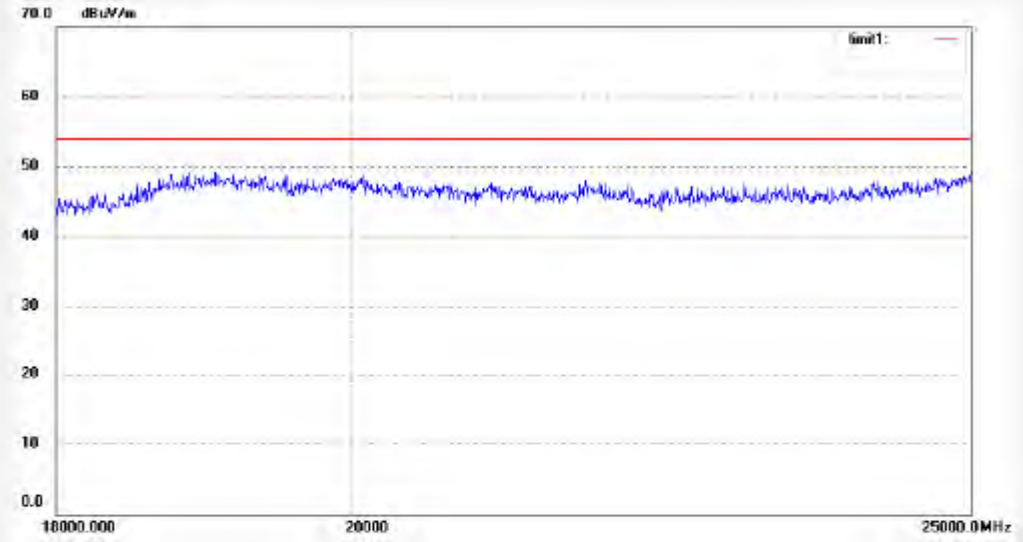


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	72.93	-7.43	65.50	--	--	peak			
2	2412.000	72.66	-7.43	65.23	--	--	AVG			
3	4824.031	41.62	-0.19	41.43	74.00	-32.57	peak			
4	4824.031	40.00	-0.19	39.81	54.00	-14.19	AVG			

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

Job No.: Kai #1552	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:26:21
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11g)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

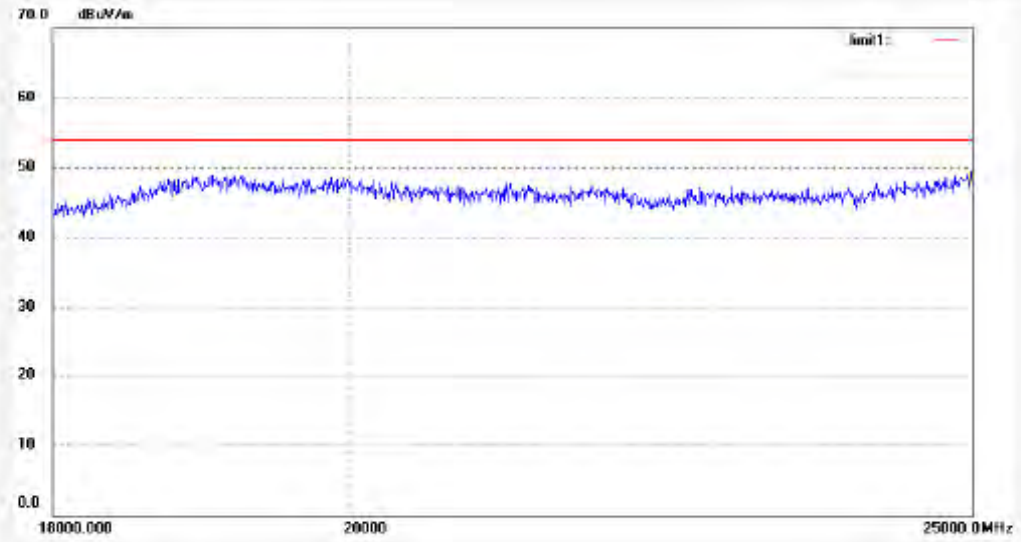


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1551	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:22:46
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11g)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



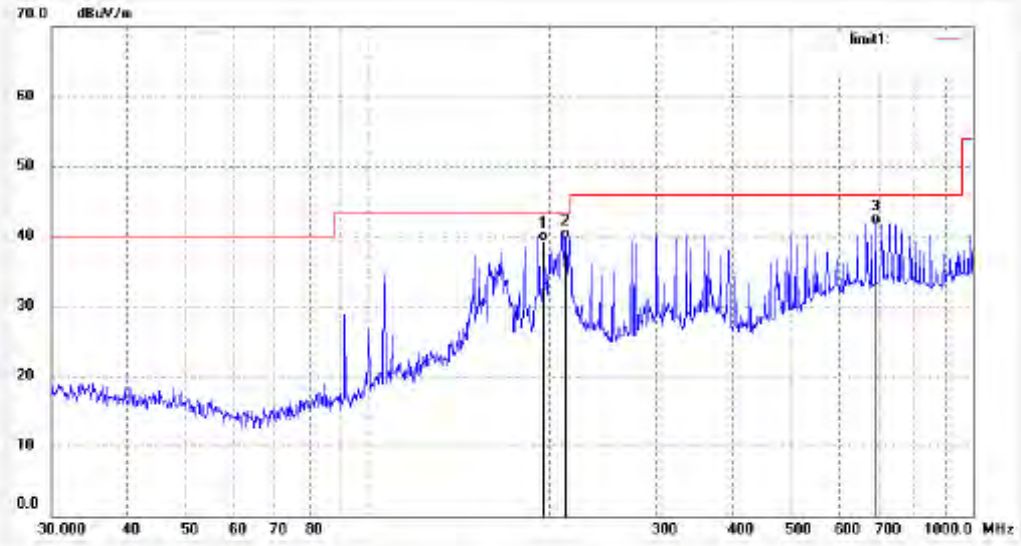
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1492
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/38/06
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



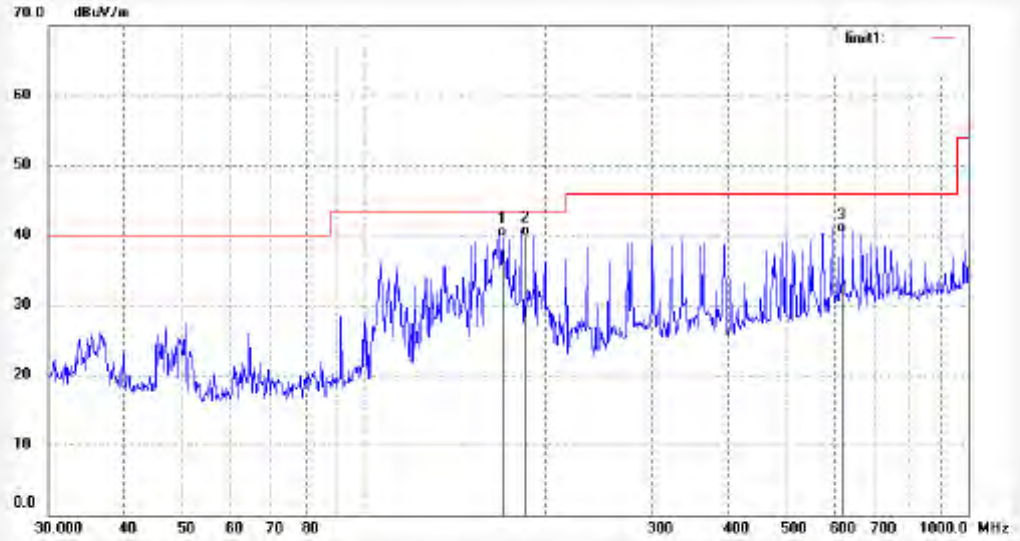
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	193.2838	23.22	16.04	39.26	43.50	-4.24	QP			
2	211.0924	23.25	16.39	39.64	43.50	-3.86	QP			
3	693.5763	15.23	26.43	41.66	46.00	-4.34	QP			

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.: Kai #1493
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/38/39
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



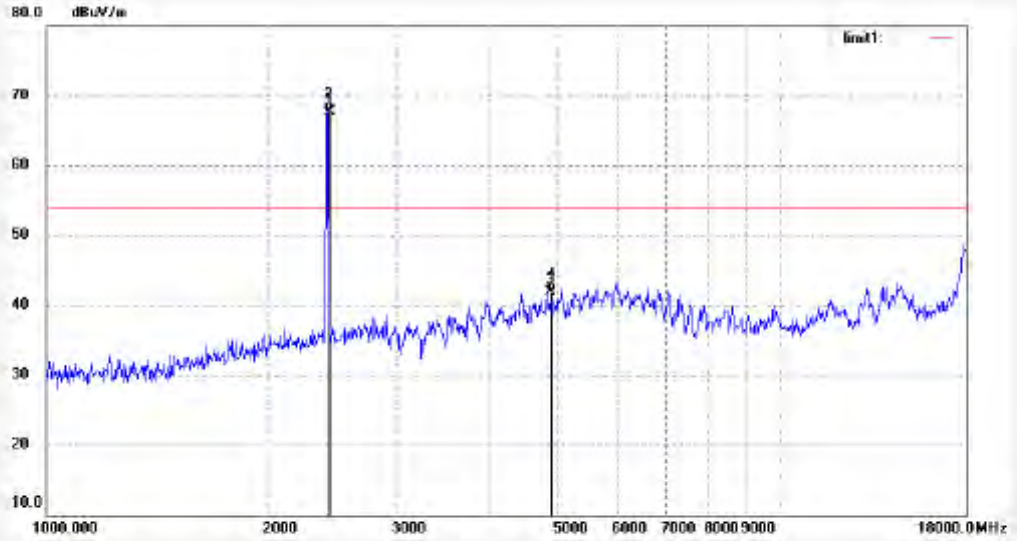
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	169.2247	25.08	14.71	39.79	43.50	-3.71	QP			
2	183.2379	24.16	15.87	40.03	43.50	-3.47	QP			
3	622.2167	14.24	26.06	40.30	46.00	-5.70	QP			

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.: Kai #1513
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:21:53
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



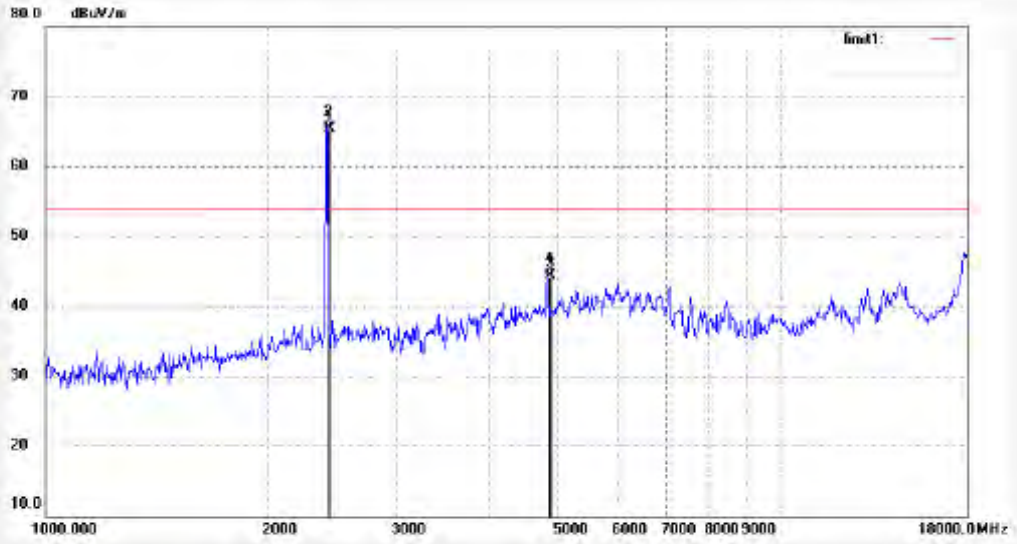
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	81.23	-7.36	73.87	--	--	peak			
2	2437.000	75.06	-7.36	67.70	--	--	AVG			
3	4874.110	49.42	0.09	49.51	74.00	-24.49	peak			
4	4874.110	41.83	0.09	41.92	54.00	-12.08	AVG			

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

Job No.: Kai #1512
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:20:45
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

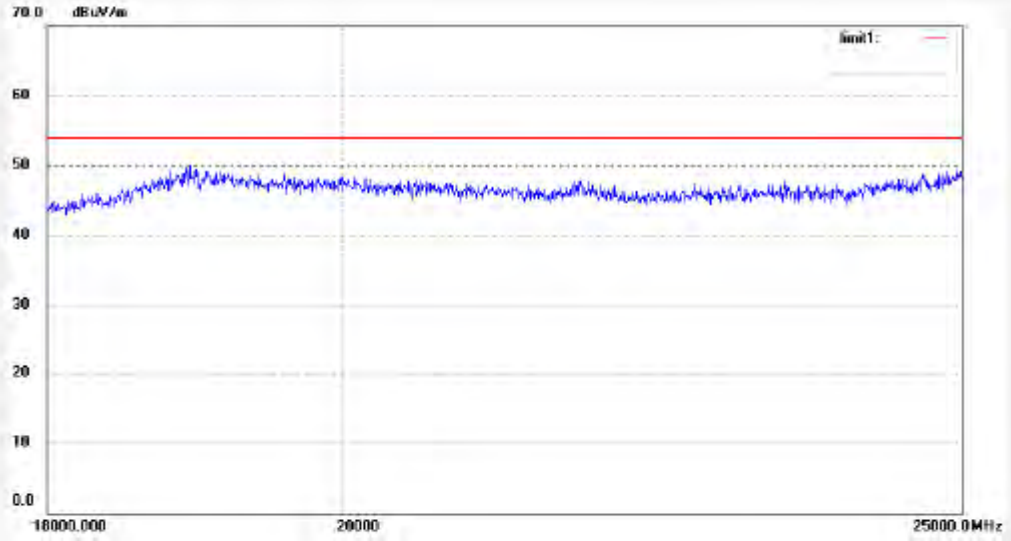


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	72.82	-7.36	65.46	--	--	peak			
2	2437.000	72.62	-7.36	65.26	--	--	AVG			
3	4874.110	44.31	0.09	44.40	74.00	-29.60	peak			
4	4874.110	44.17	0.09	44.26	54.00	-9.74	AVG			

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

Job No.: Kai #1553	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:30:38
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 6 (802.11g)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

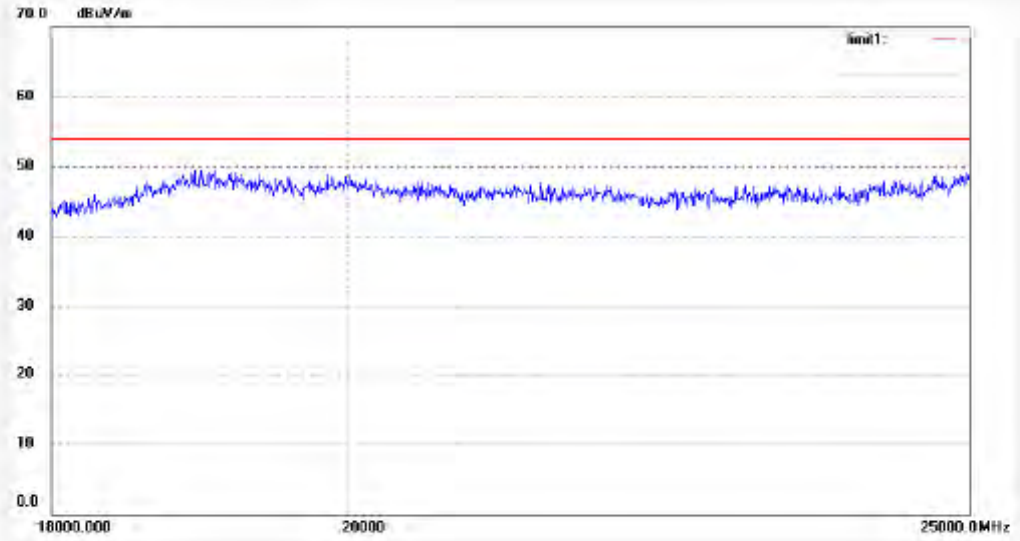


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1554	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:34:11
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 6 (802.11g)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



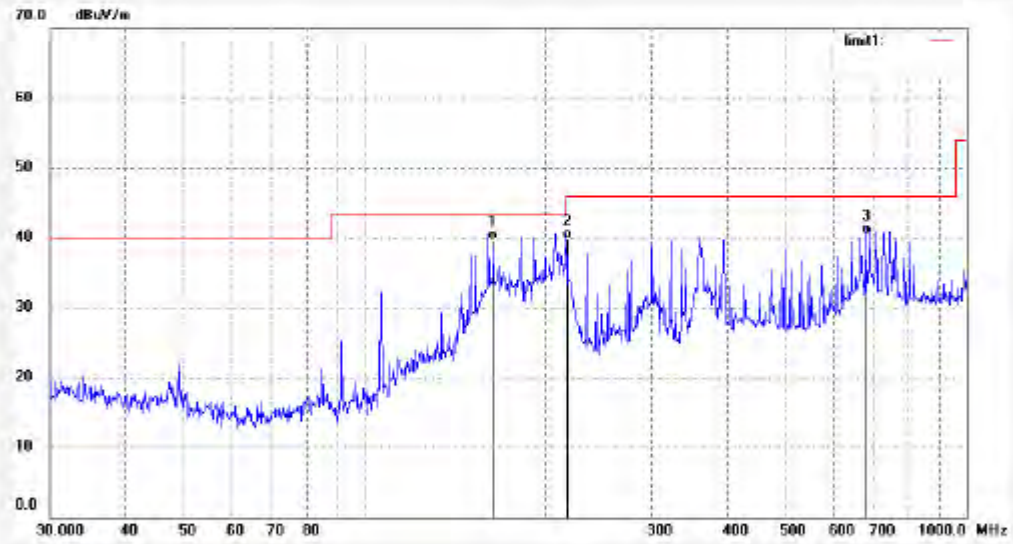
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1491
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/37/27
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



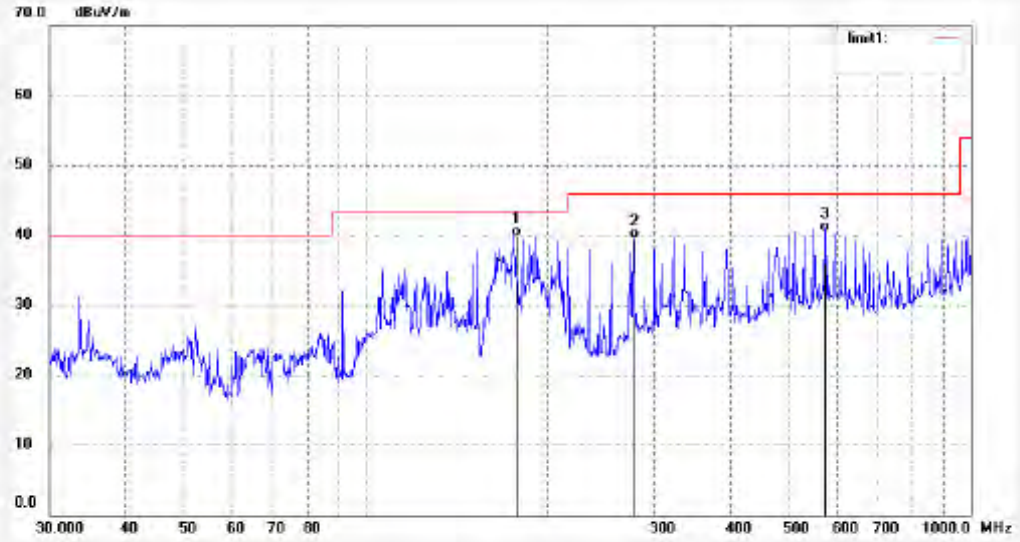
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	163.3206	25.03	14.64	39.67	43.50	-3.83	QP			
2	218.1194	23.10	16.63	39.73	46.00	-6.27	QP			
3	683.8260	14.17	26.36	40.53	46.00	-5.47	QP			

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.: Kai #1490
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/36/41
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



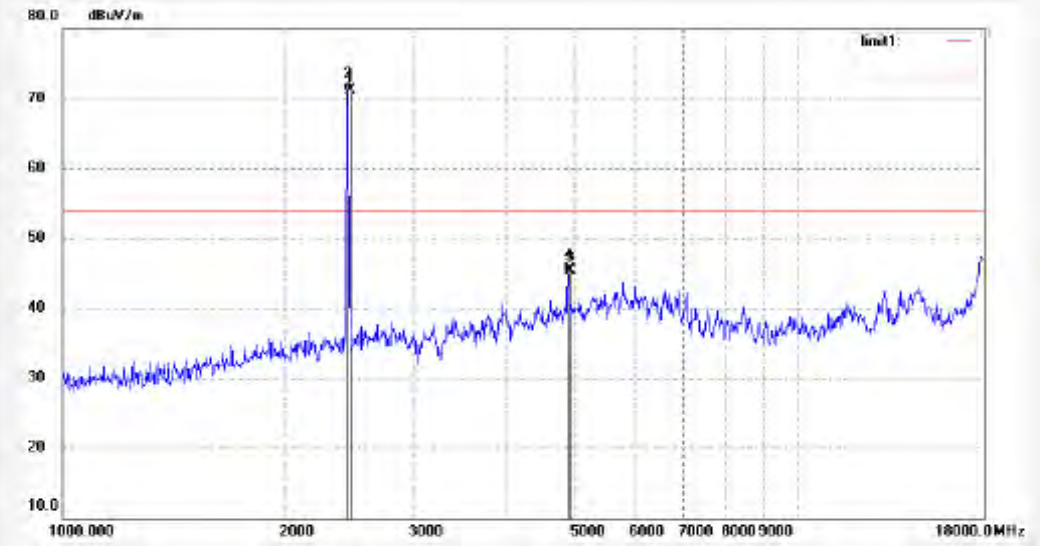
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	178.2744	24.02	15.77	39.79	43.50	-3.71	QP			
2	279.3546	21.17	18.28	39.45	46.00	-6.55	QP			
3	576.9882	15.09	25.38	40.47	46.00	-5.53	QP			

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.: Kai #1510
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:18:02
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



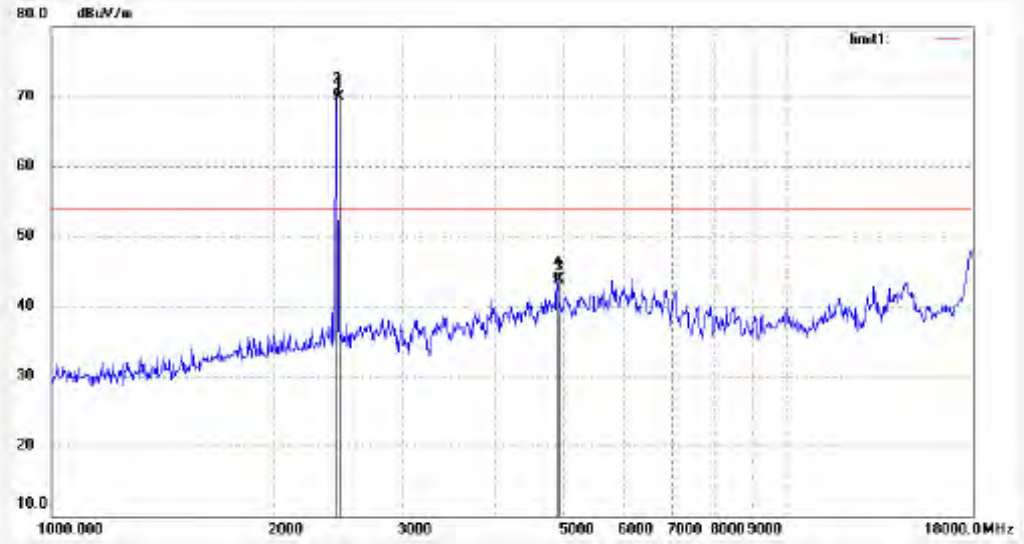
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	78.60	-7.35	71.25	--	--	peak			
2	2462.000	78.42	-7.35	71.07	--	--	AVG			
3	4924.105	45.05	0.34	45.39	74.00	-28.61	peak			
4	4924.105	44.83	0.34	45.17	54.00	-8.83	AVG			

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

Job No.: Kai #1511
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11g)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:19:00
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

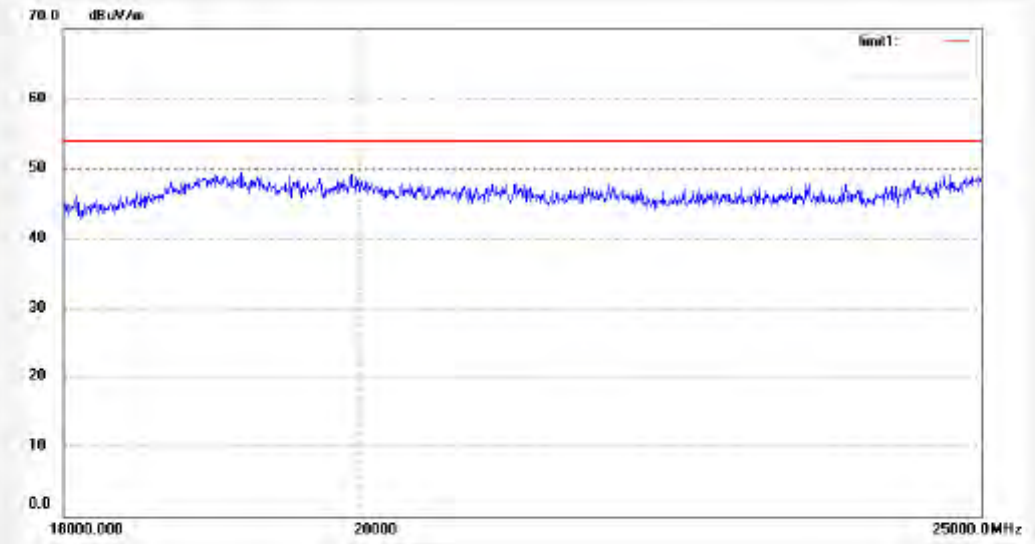


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	77.33	-7.35	69.98	--	--	peak			
2	2462.000	77.21	-7.35	69.86	--	--	AVG			
3	4924.105	43.47	0.34	43.81	74.00	-30.19	peak			
4	4924.105	43.29	0.34	43.63	54.00	-10.37	AVG			

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

Job No.: Kai #1556	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:41:59
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

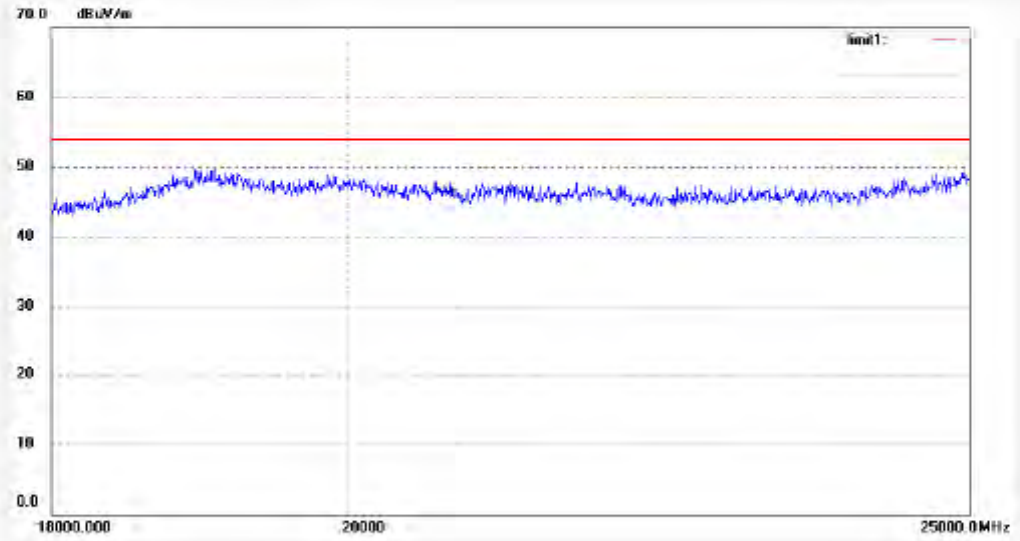


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1555	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 25 C / 50 %	Time: 15:38:24
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11g)	Distance: 3m
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



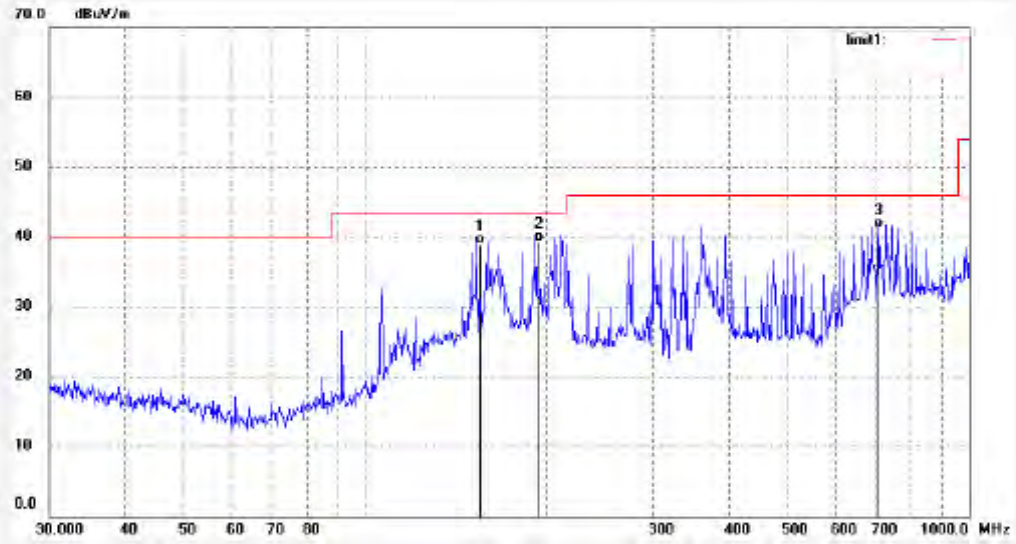
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1496
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/40/36
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



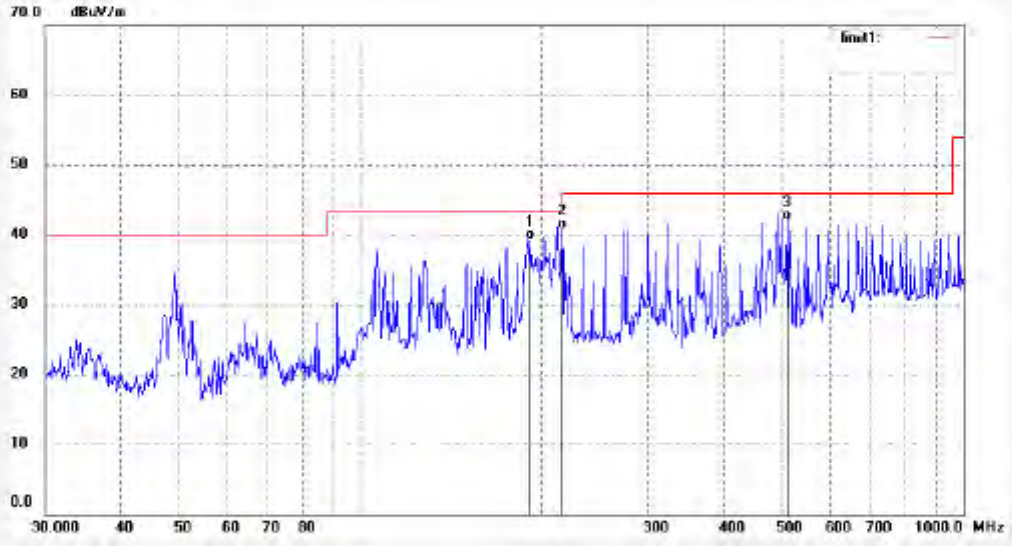
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	154.6254	24.38	14.56	38.94	43.50	-4.56	QP			
2	193.7838	23.21	16.03	39.24	43.50	-4.26	QP			
3	710.6941	14.32	26.83	41.15	46.00	-4.85	QP			

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.: Kai #1497
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/41/24
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



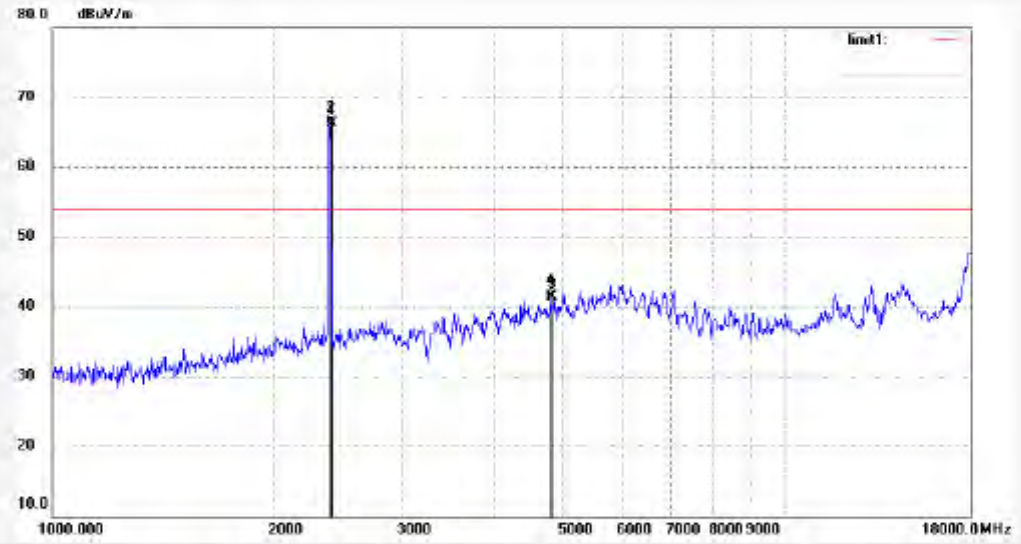
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	191.7732	23.27	16.06	39.33	43.50	-4.17	QP			
2	214.3557	24.28	16.51	40.79	43.50	-2.71	QP			
3	513.1487	18.00	24.09	42.09	46.00	-3.91	QP			

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.: Kai #1517
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:26:12
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



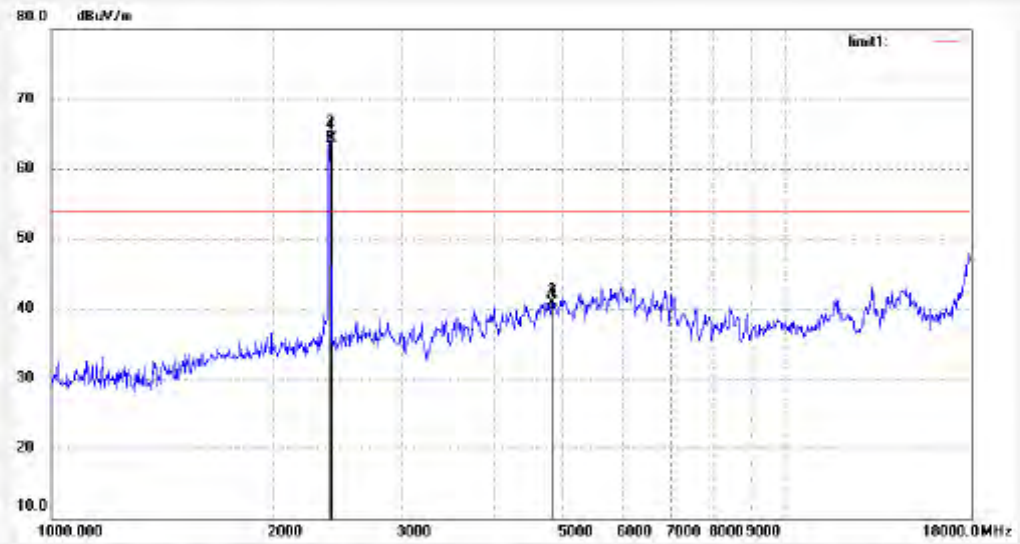
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	73.63	-7.43	66.20	--	--	peak			
2	2412.000	73.34	-7.43	65.91	--	--	AVG			
3	4824.101	41.64	-0.19	41.45	74.00	-32.55	peak			
4	4824.101	41.40	-0.19	41.21	54.00	-12.79	AVG			

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

Job No.: Kai #1516
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 1 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:25:17
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

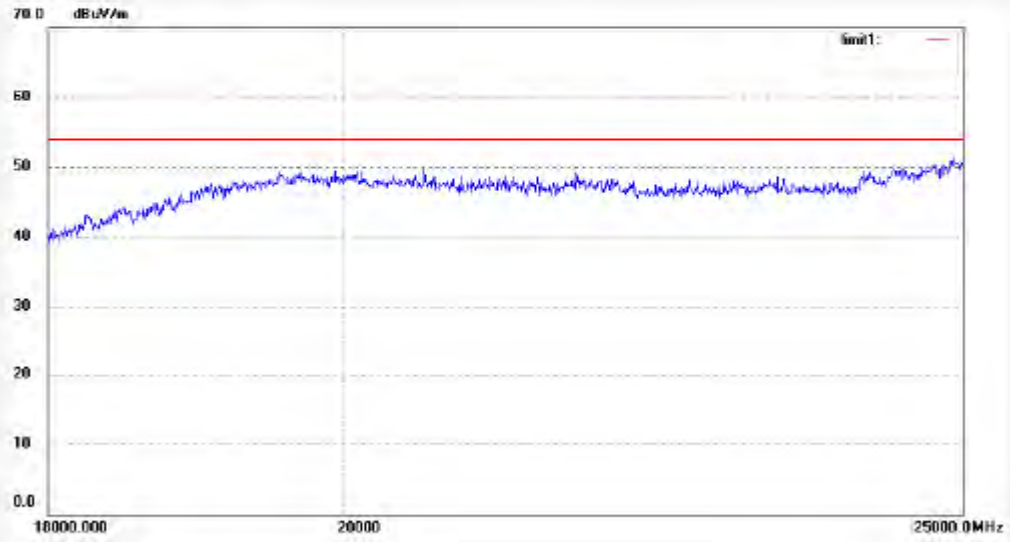


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	71.73	-7.43	64.30	--	--	peak			
2	2412.000	71.52	-7.43	64.09	--	--	AVG			
3	4824.101	41.01	-0.19	40.82	74.00	-33.18	peak			
4	4824.101	40.00	-0.19	39.81	54.00	-14.19	AVG			

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

Job No.: Kai #1562	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:55:57
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

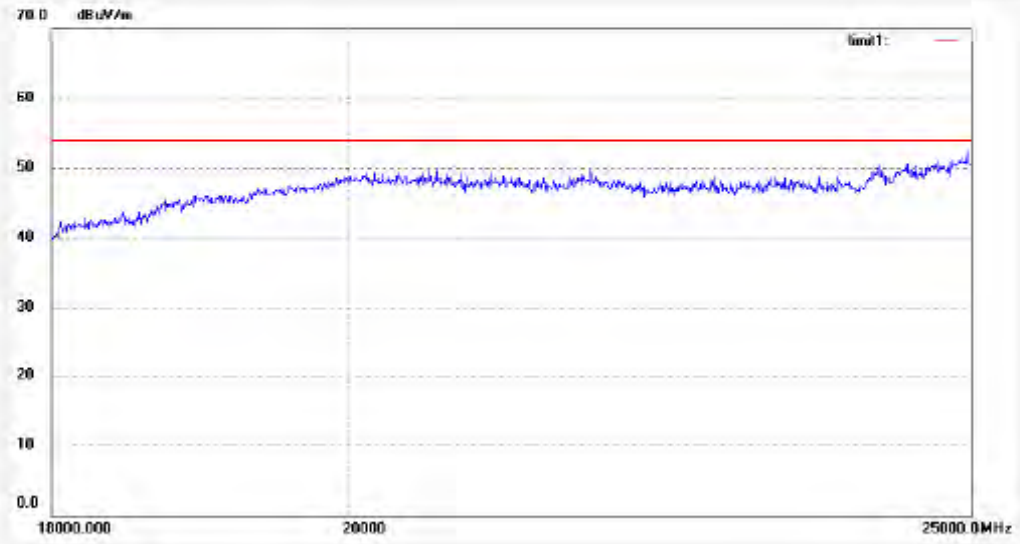


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1563	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:57:43
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 1 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



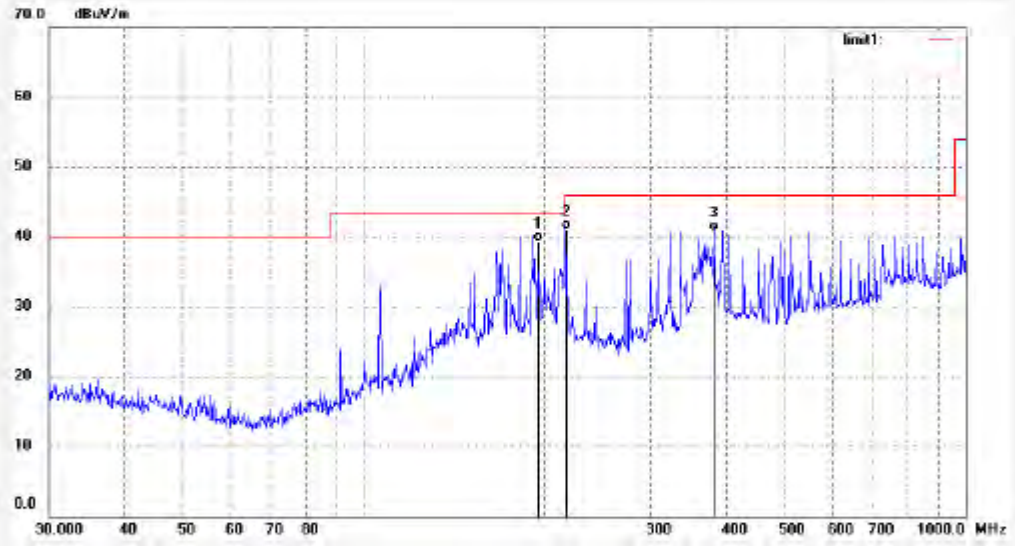
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1499
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/43/12
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



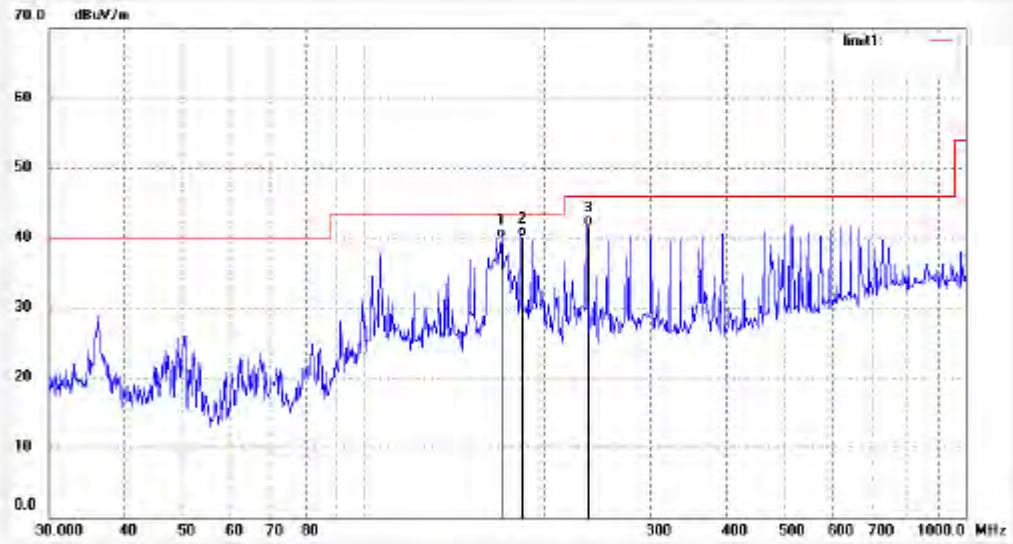
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	193.7838	23.17	16.03	39.20	43.50	-4.30	QP			
2	218.1194	24.35	16.63	40.98	46.00	-5.02	QP			
3	385.1960	19.22	21.72	40.94	46.00	-5.06	QP			

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.: Kai #1498
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/41/47
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



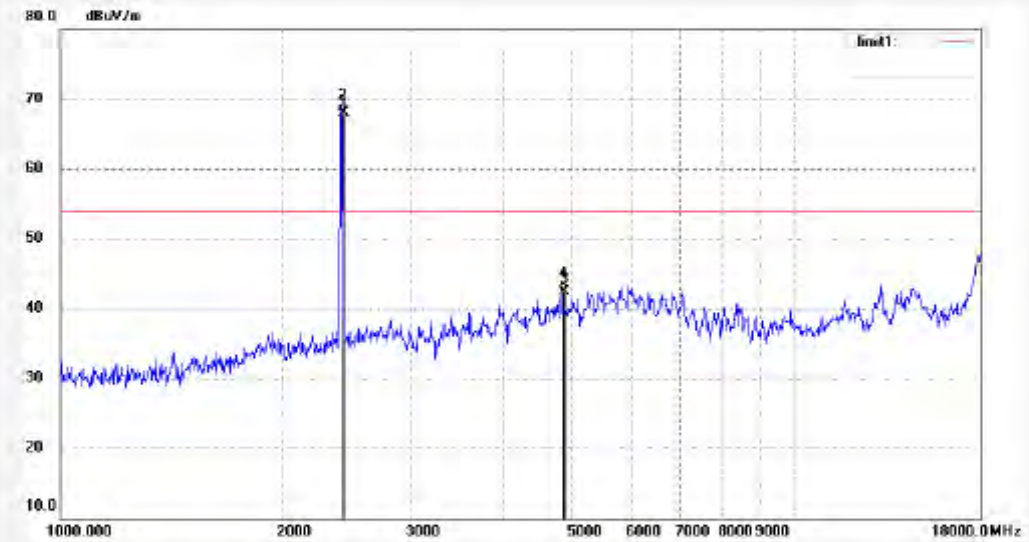
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	170.5919	25.11	14.84	39.95	43.50	-3.55	QP			
2	183.9379	24.24	15.90	40.14	43.50	-3.36	QP			
3	236.3095	25.16	16.50	41.66	46.00	-4.34	QP			

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.: Kai #1518
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:27:31
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



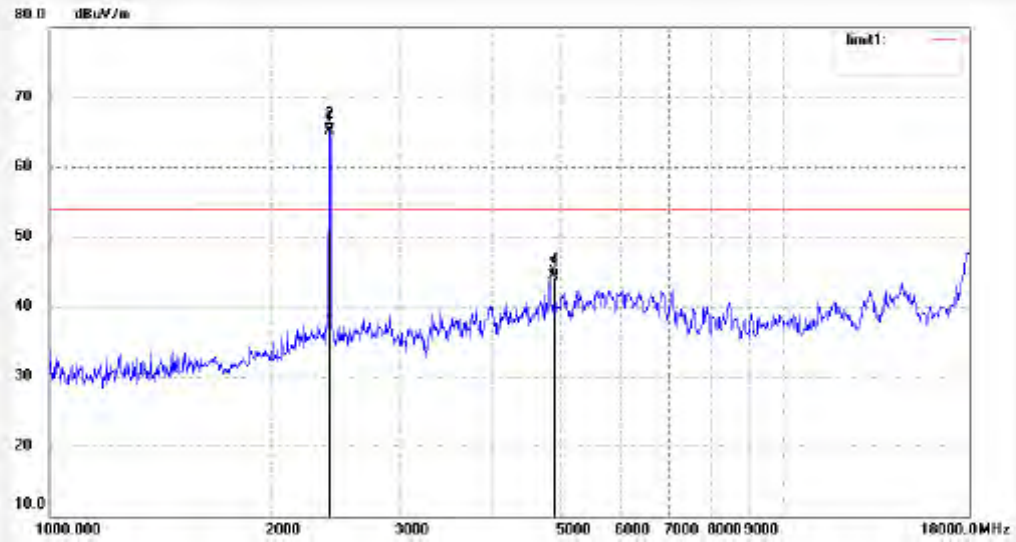
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2437.000	78.92	-7.36	71.29	--	--	peak			
2	2437.000	75.45	-7.36	68.09	--	--	AVG			
3	4874.120	44.57	0.09	44.66	74.00	-29.34	peak			
4	4874.120	42.31	0.09	42.40	54.00	-11.60	AVG			

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

Job No.: Kai #1519
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 6 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:28:35
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

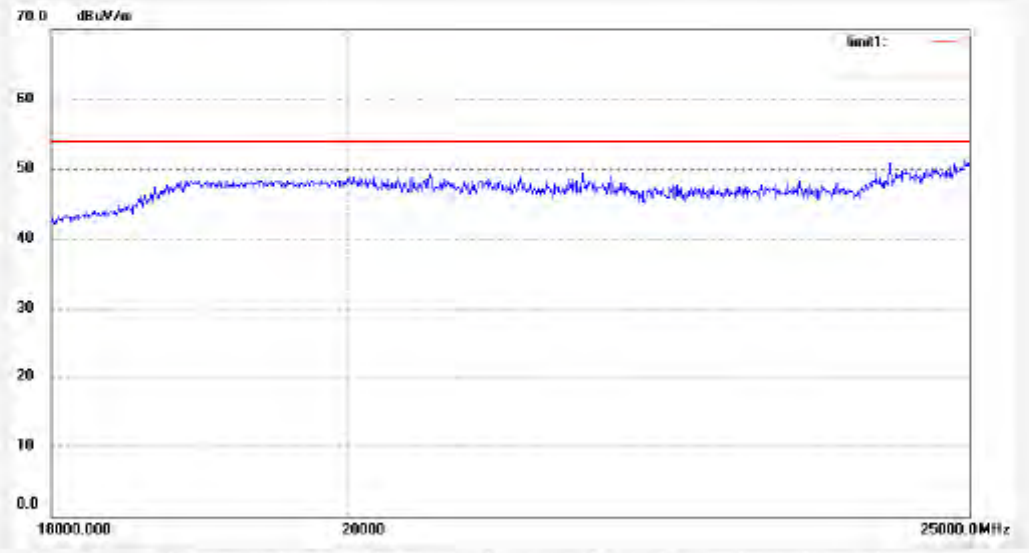


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2412.000	72.70	-7.43	65.27	--	--	peak			
2	2412.000	72.48	-7.43	65.05	--	--	AVG			
3	4874.120	44.28	0.09	44.37	74.00	-9.63	peak			
4	4874.120	44.15	0.09	44.24	54.00	-9.76	AVG			

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

Job No.: Kai #1561	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:53:01
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 6 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

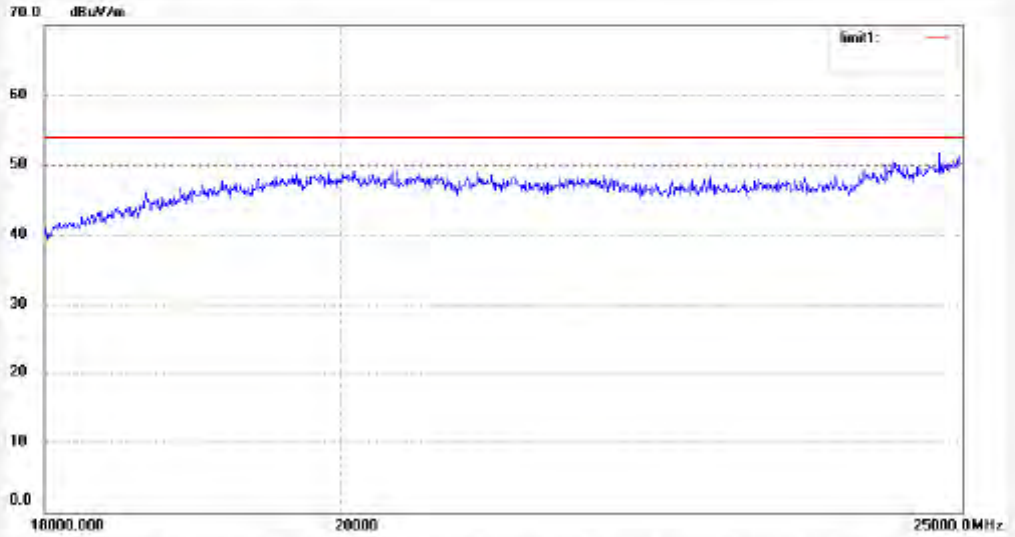


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1560	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:51:02
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 6 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629



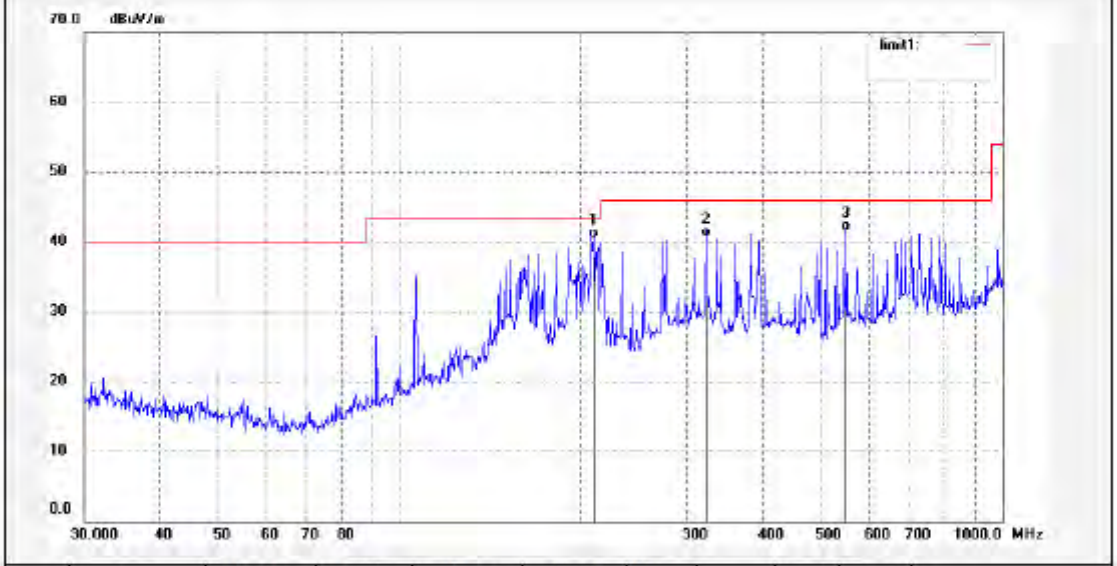
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1500
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/43/35
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



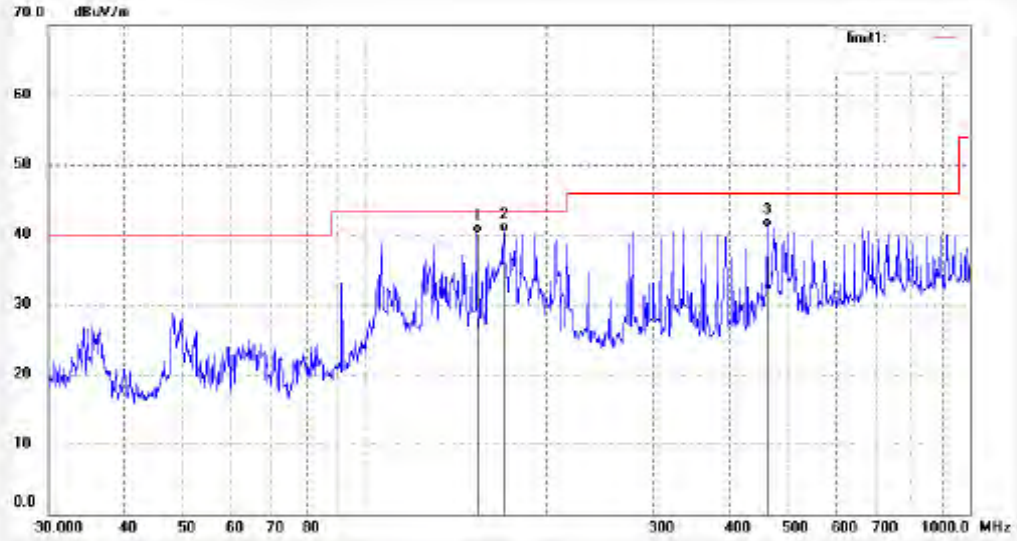
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	210.6579	24.10	16.37	40.47	43.50	-3.03	QP			
2	324.5896	21.14	19.53	40.67	46.00	-5.33	QP			
3	554.2269	16.20	25.32	41.52	46.00	-4.48	QP			

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.: Kai #1501
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 11/12/15/
Time: 8/44/12
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE20112629



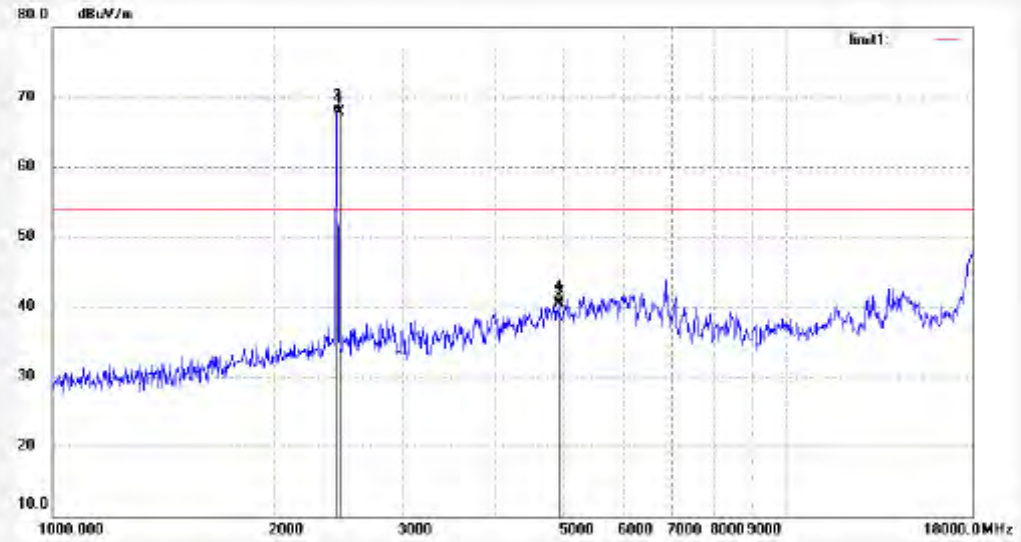
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	153.9254	25.62	14.56	40.18	43.50	-3.32	QP			
2	170.9919	25.46	14.93	40.39	43.50	-3.11	QP			
3	465.2561	17.57	23.43	41.00	46.00	-5.00	QP			

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.: Kai #1521
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Horizontal
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:30:10
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269



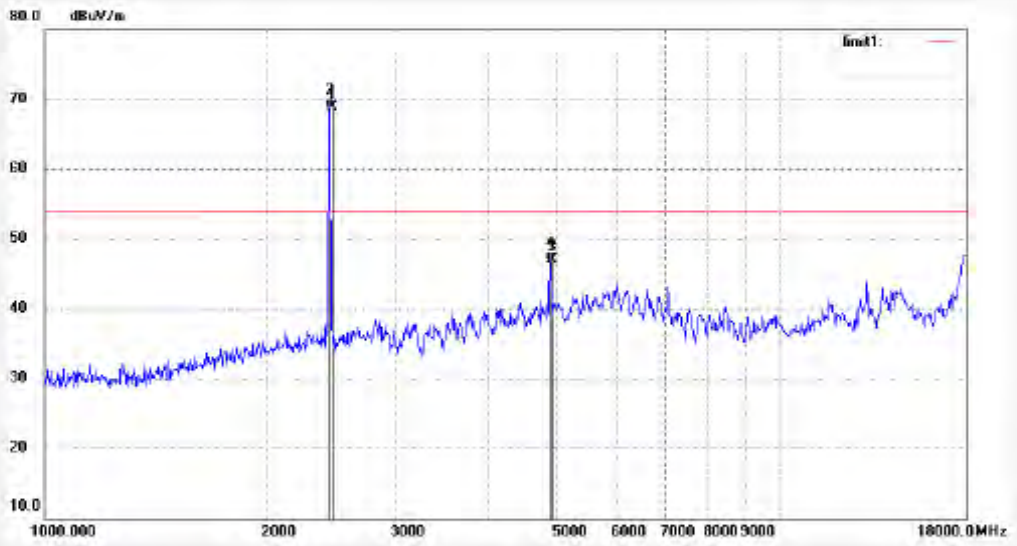
No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	75.25	-7.35	67.90	--	--	peak			
2	2462.000	75.08	-7.35	67.73	--	--	AVG			
3	4924.121	40.16	0.34	40.50	74.00	-33.50	peak			
4	4924.121	40.00	0.34	40.34	54.00	-13.66	AVG			

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

Job No.: Kai #1520
Standard: FCC Class B 3M Radiated
Test item: Radiation Test
Temp.(C)/Hum.(%) 24 C / 48 %
EUT: MID
Mode: TX Channel 11 (802.11n)
Model: M7000XX
Manufacturer: Sungworld

Polarization: Vertical
Power Source: DC 3.7V
Date: 2011/12/15
Time: 18:29:40
Engineer Signature: Kai
Distance: 3m

Note: Report No.:ATE2011269

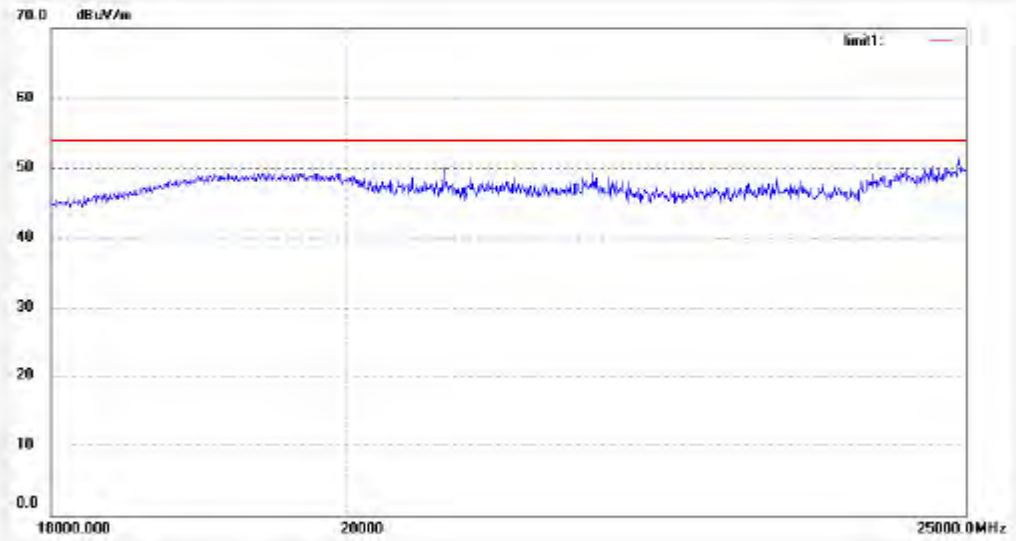


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2462.000	76.29	-7.35	68.94	--	--	peak			
2	2462.000	76.11	-7.35	68.76	--	--	AVG			
3	4924.121	46.75	0.34	47.09	74.00	-26.91	peak			
4	4924.121	46.42	0.34	46.76	54.00	-7.24	AVG			

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

Job No.: Kai #1558	Polarization: Horizontal
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:47:15
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

Note: Report No.:ATE20112629

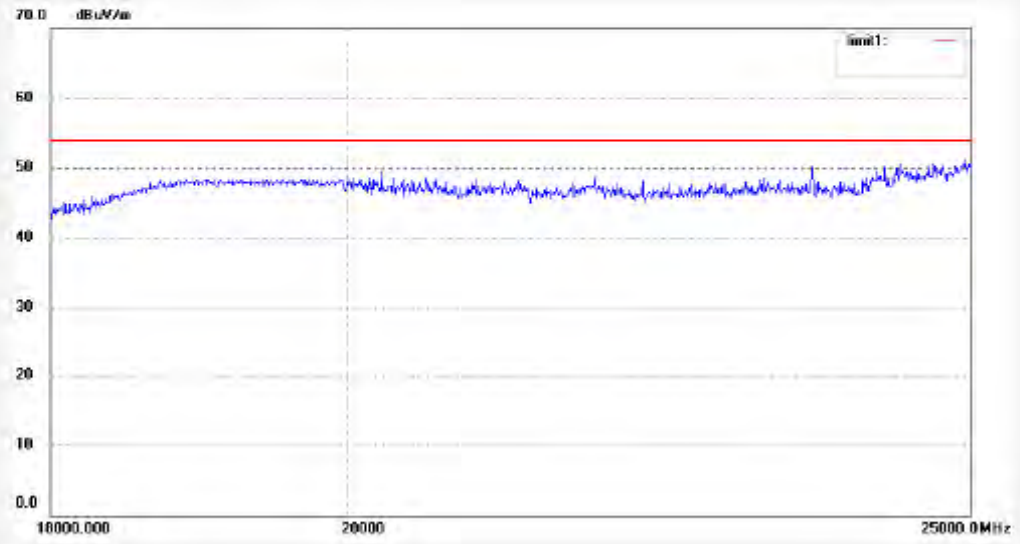


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark

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.: Kai #1559	Polarization: Vertical
Standard: FCC Class B 3M Radiated	Power Source: DC 3.7V
Test item: Radiation Test	Date: 2011/12/15
Temp.(C)/Hum.(%) 24 C / 48 %	Time: 15:49:05
EUT: MID	Engineer Signature: Kai
Mode: TX Channel 11 (802.11n)	Distance:
Model: M7000XX	
Manufacturer: Sungworld	

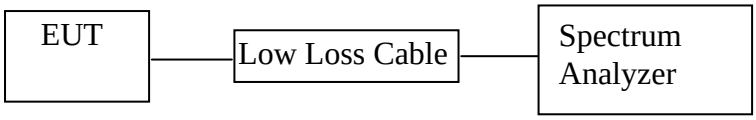
Note: Report No.:ATE20112629



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	:	M7000XX
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 2412-2462MHz. We select 2412MHz, 2437MHz, 2462MHz 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.

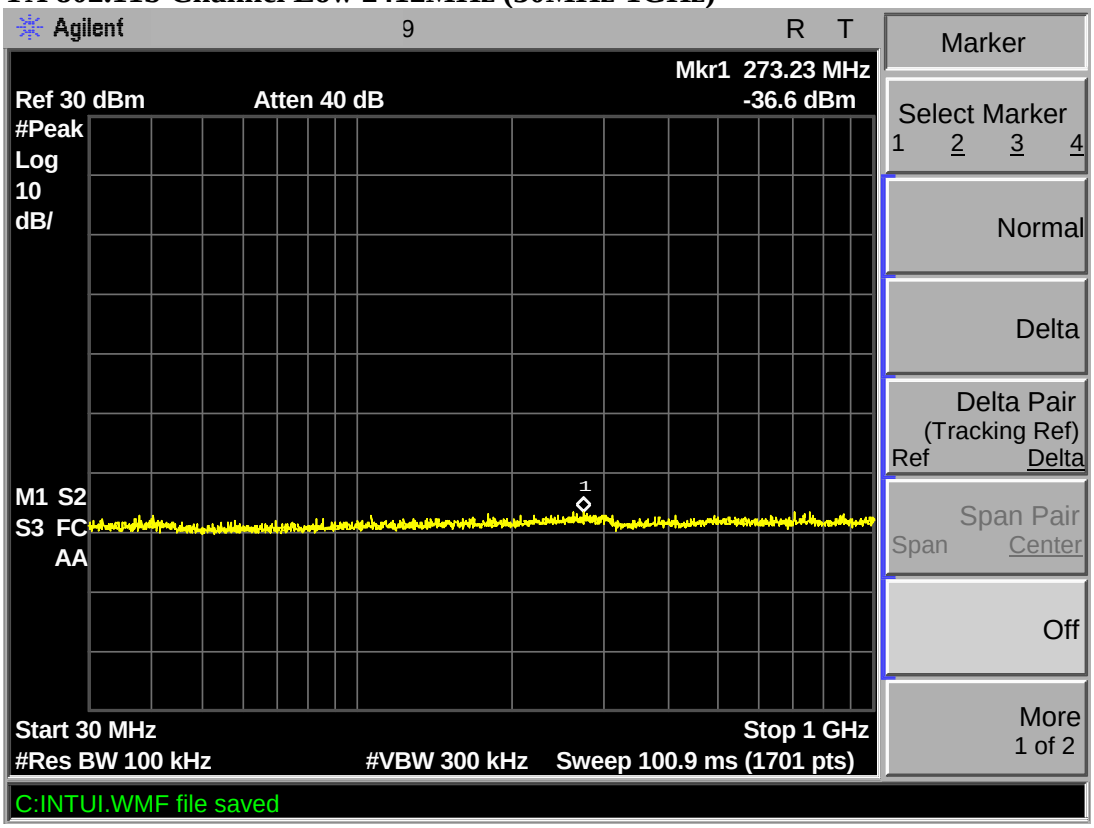
10.5.3.The Conducted Spurious Emission was measured and recorded.

10.6.Test Result

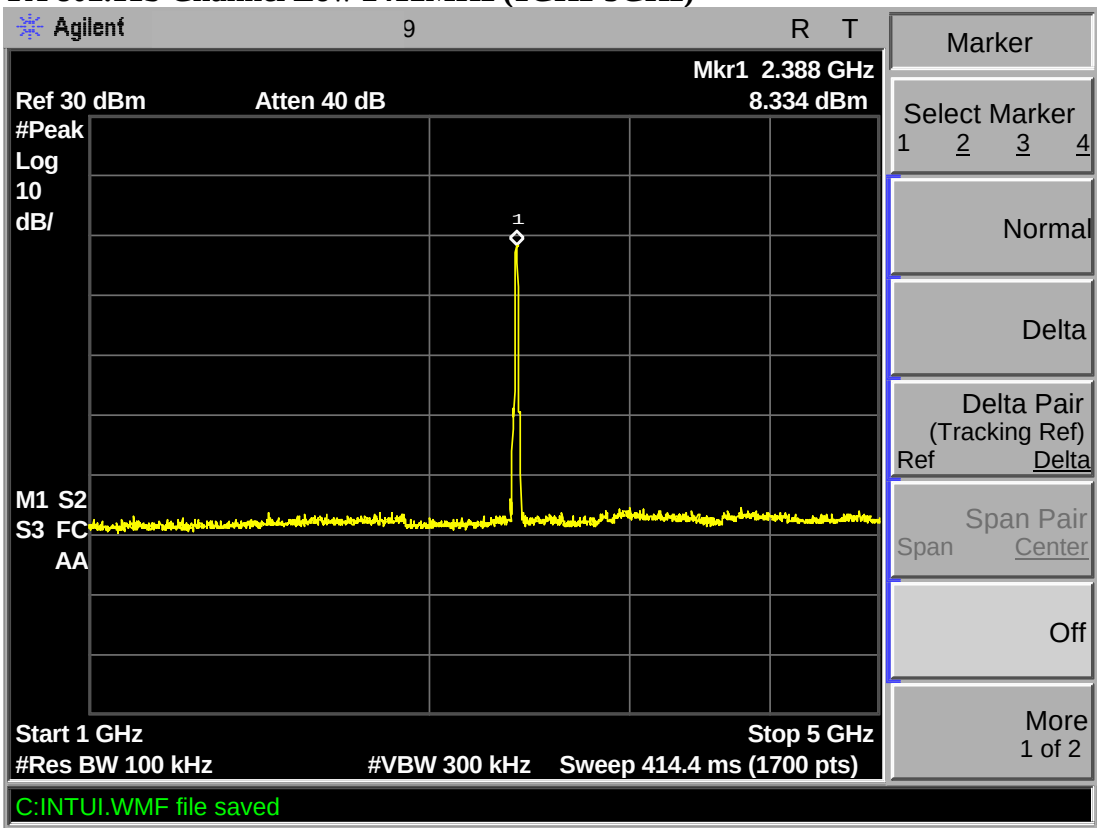
Pass.

The spectrum analyzer plots are attached as below.

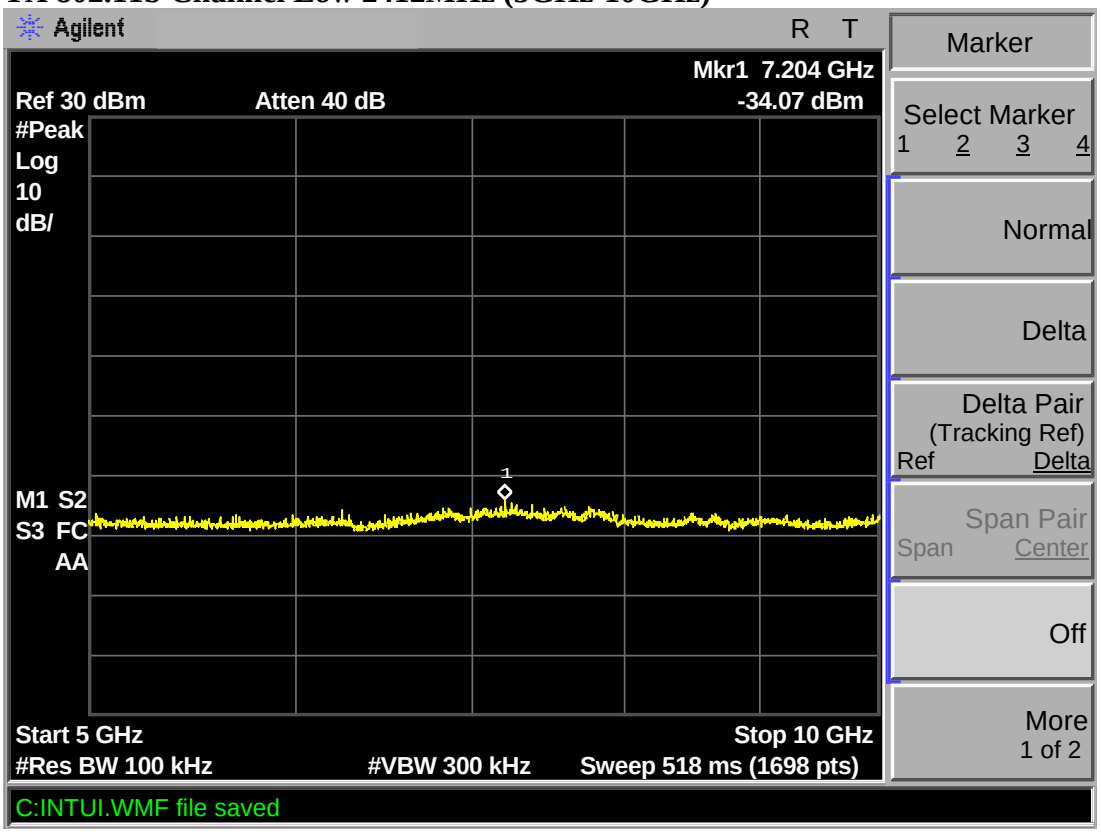
TX 802.11b Channel Low 2412MHz (30MHz-1GHz)



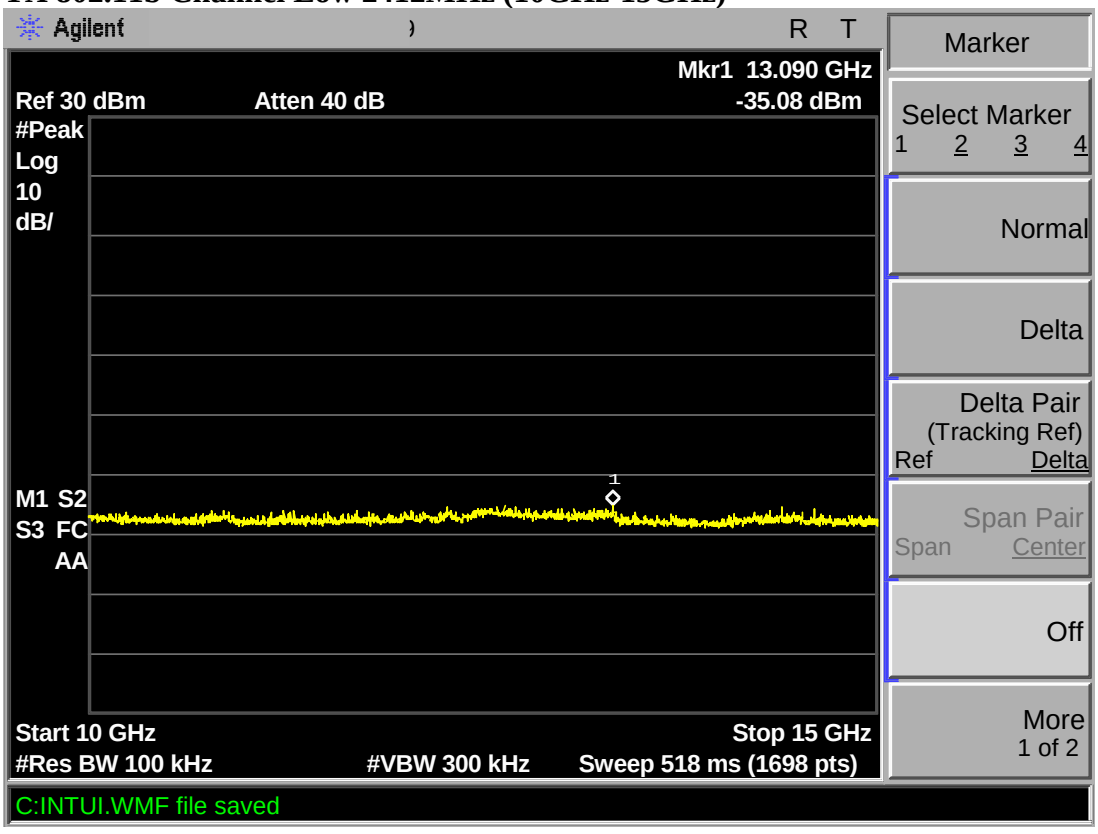
TX 802.11b Channel Low 2412MHz (1GHz-5GHz)



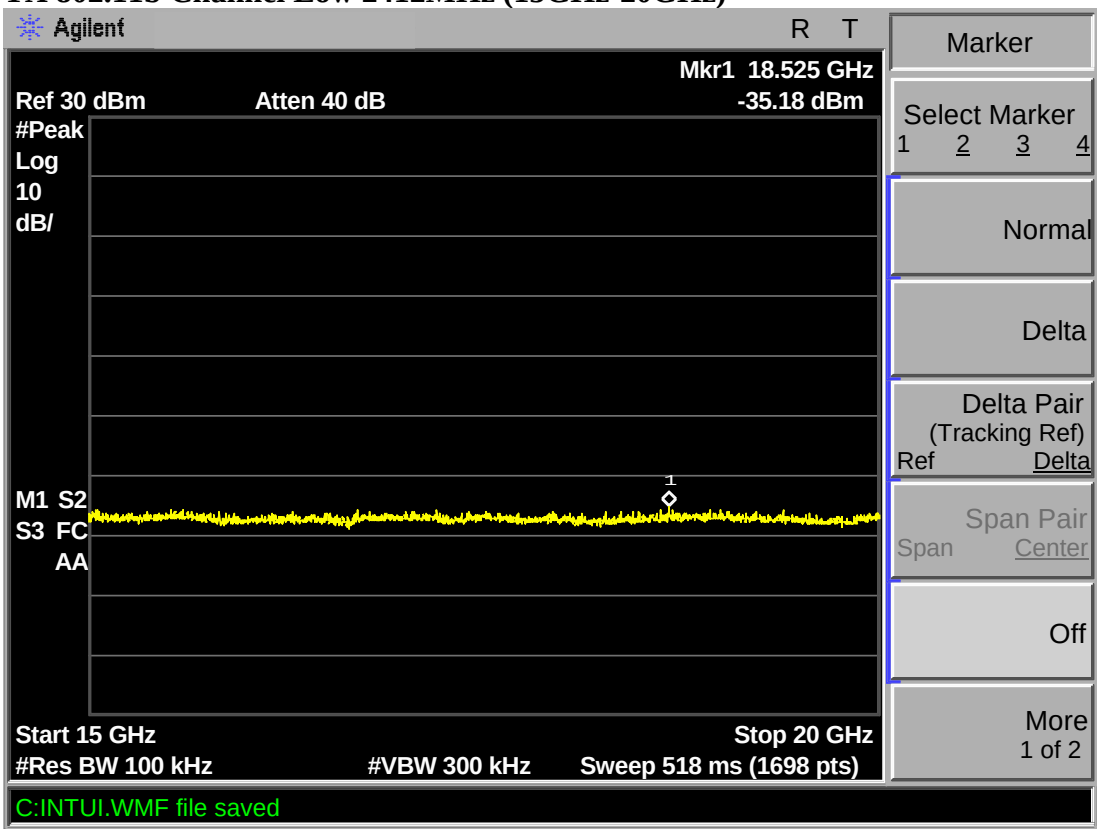
TX 802.11b Channel Low 2412MHz (5GHz-10GHz)



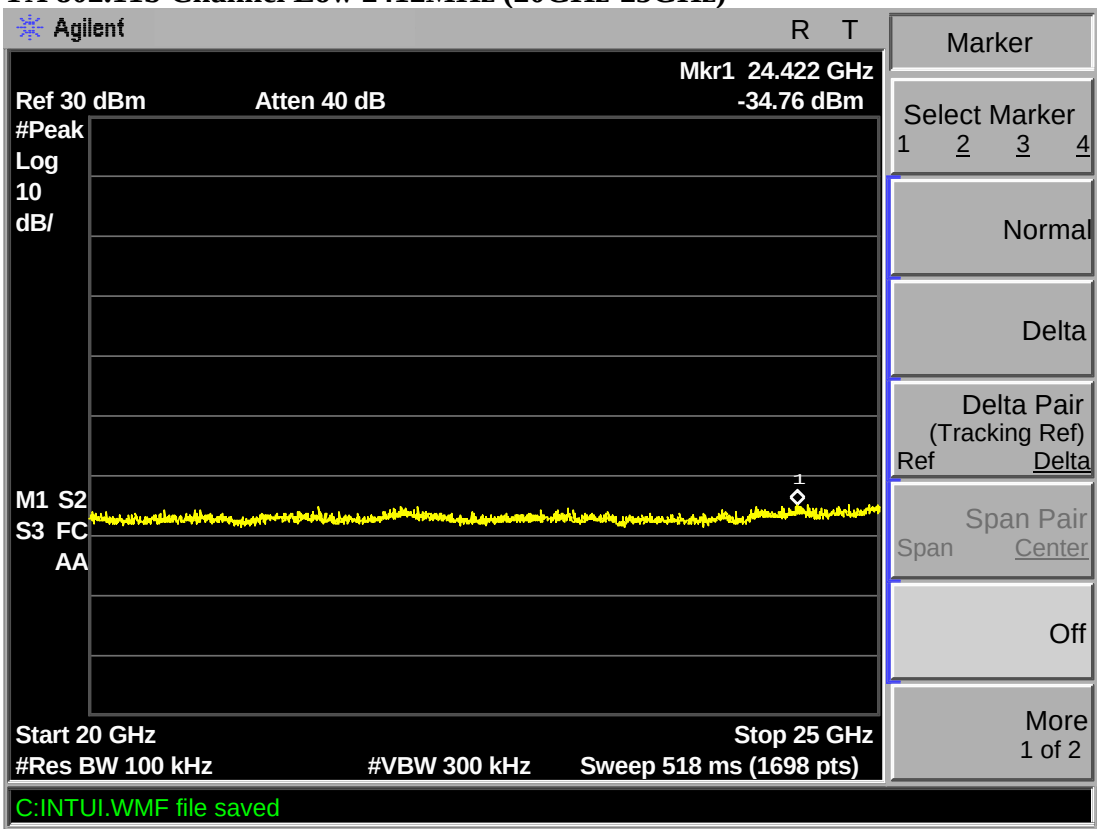
TX 802.11b Channel Low 2412MHz (10GHz-15GHz)



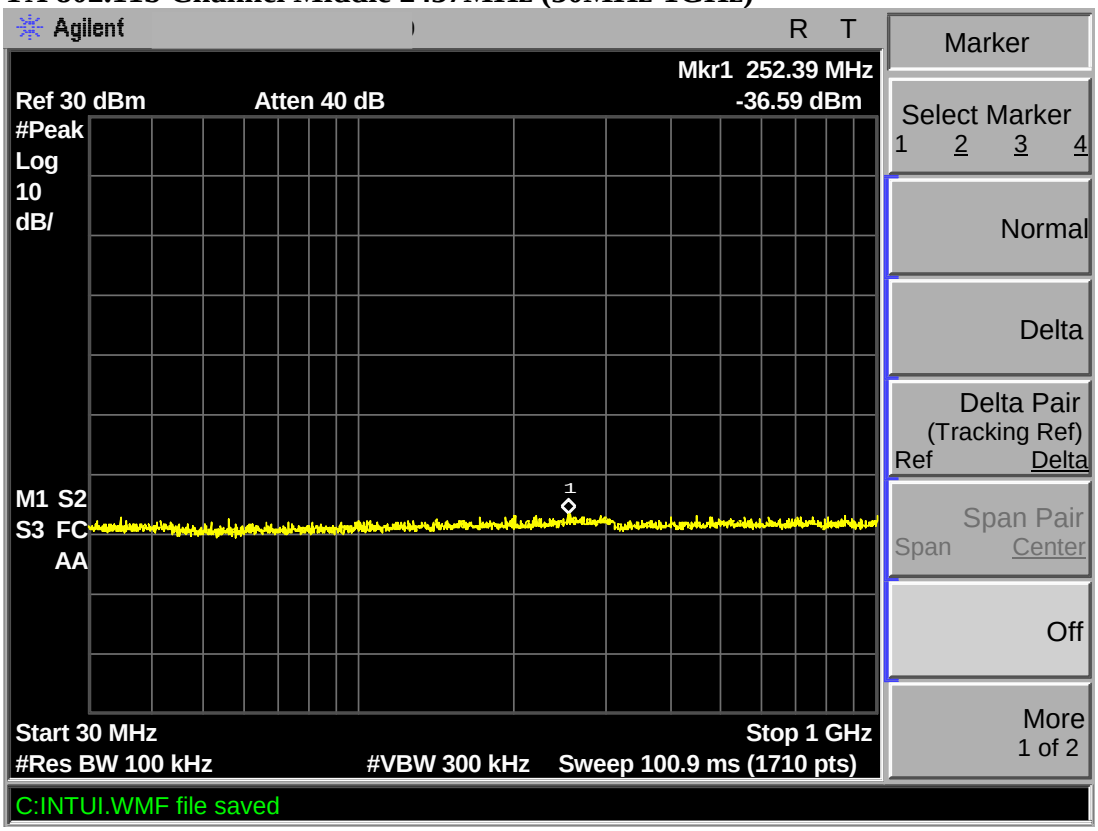
TX 802.11b Channel Low 2412MHz (15GHz-20GHz)



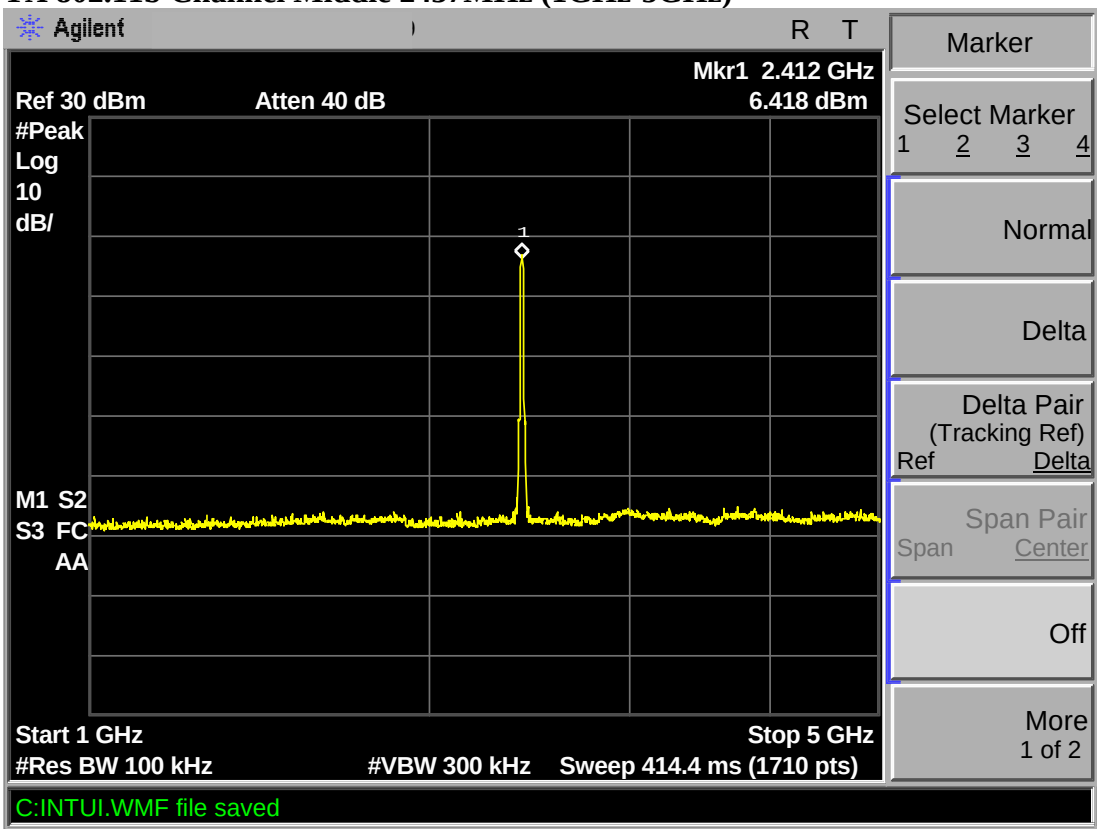
TX 802.11b Channel Low 2412MHz (20GHz-25GHz)



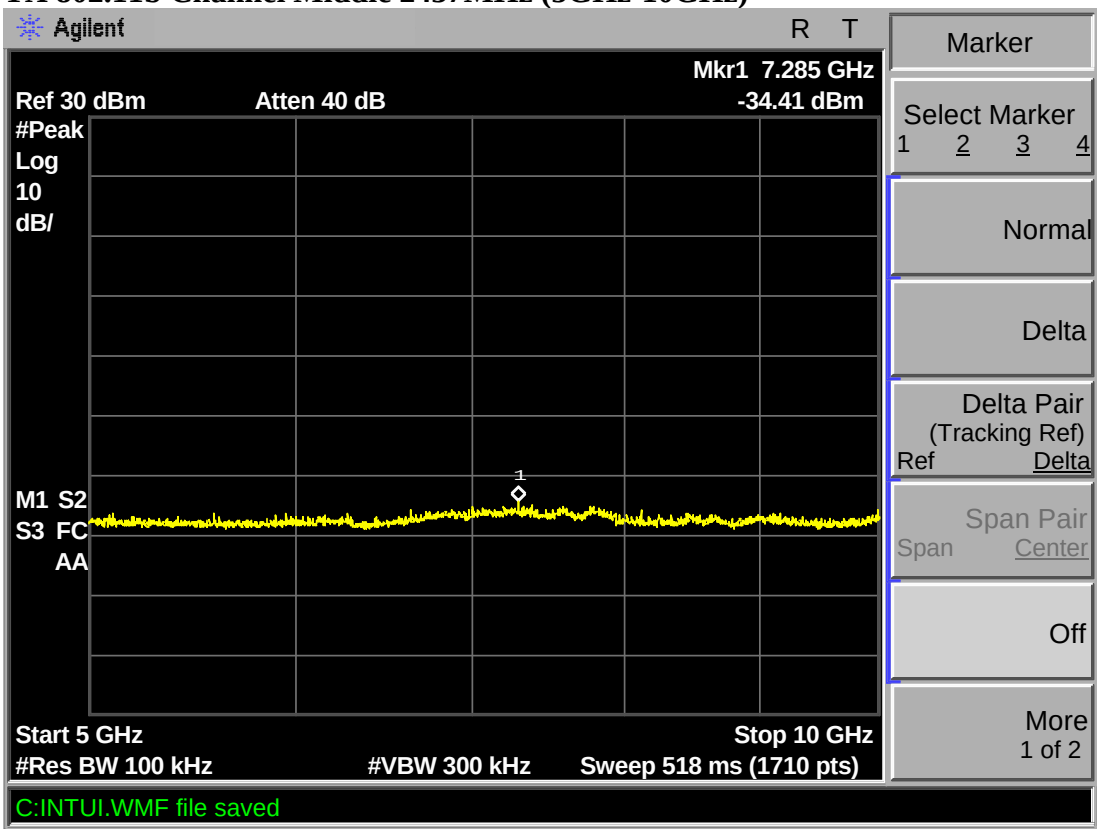
TX 802.11b Channel Middle 2437MHz (30MHz-1GHz)



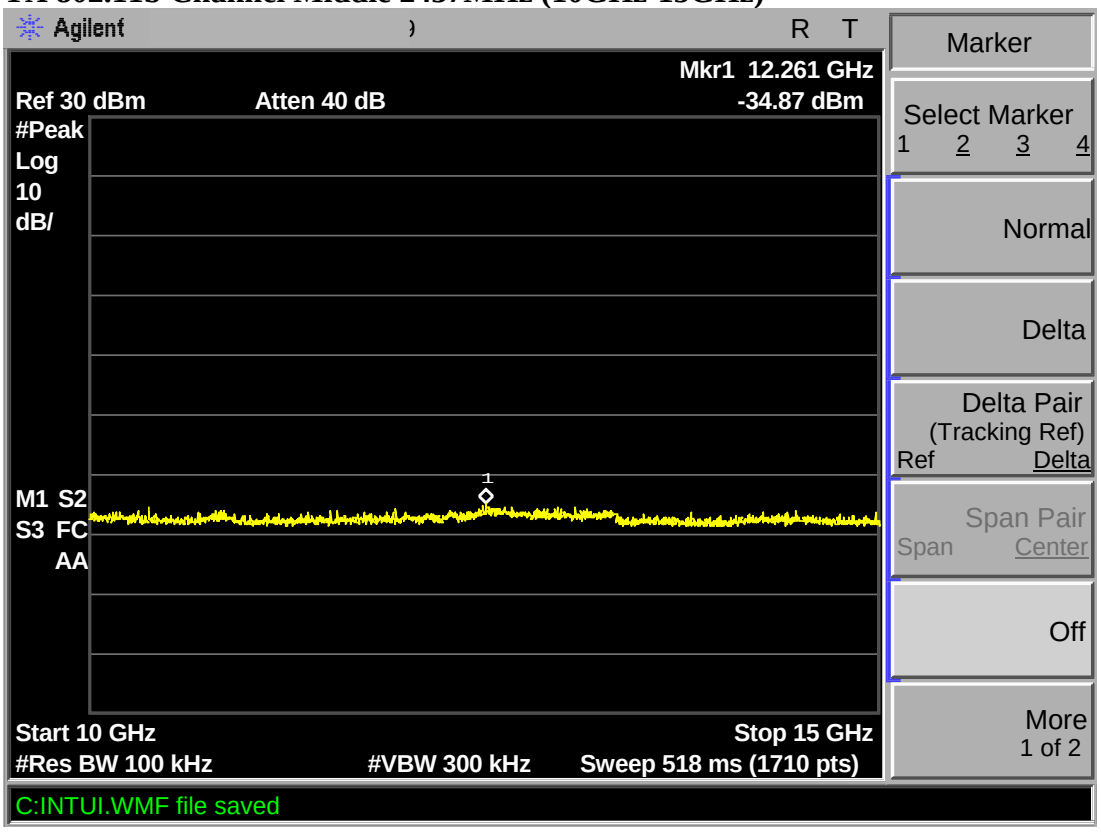
TX 802.11b Channel Middle 2437MHz (1GHz-5GHz)



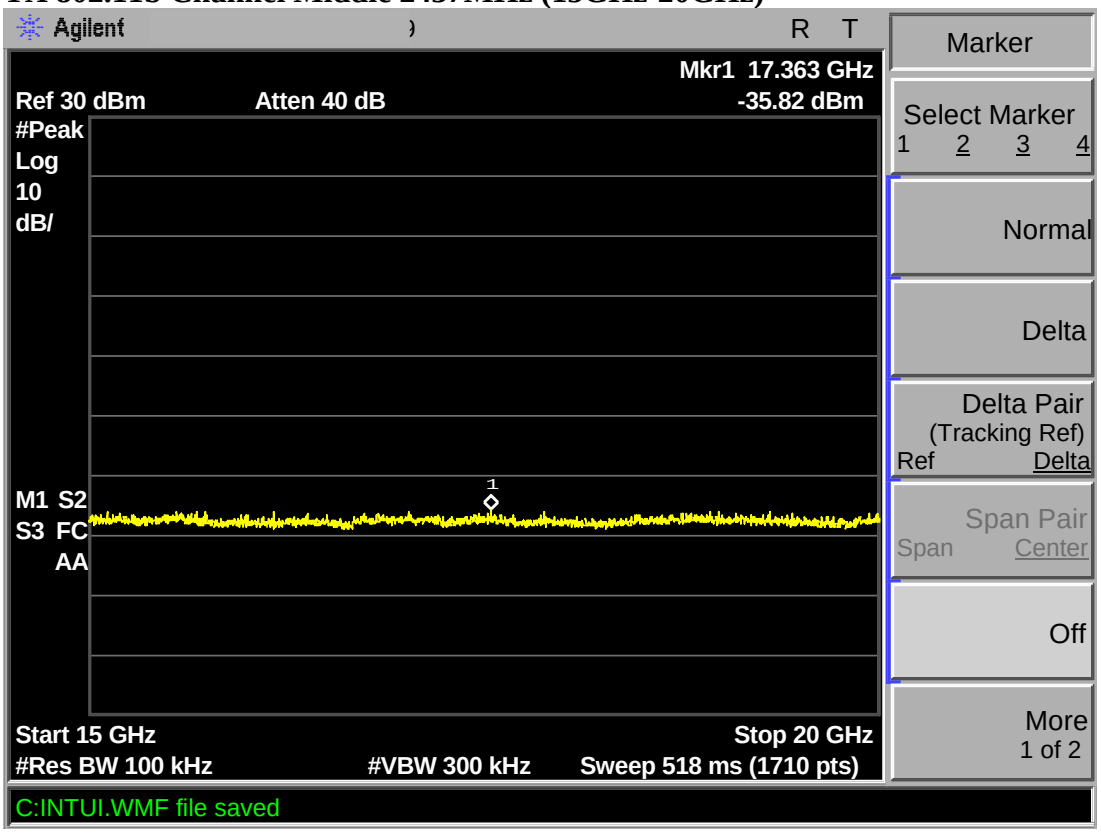
TX 802.11b Channel Middle 2437MHz (5GHz-10GHz)



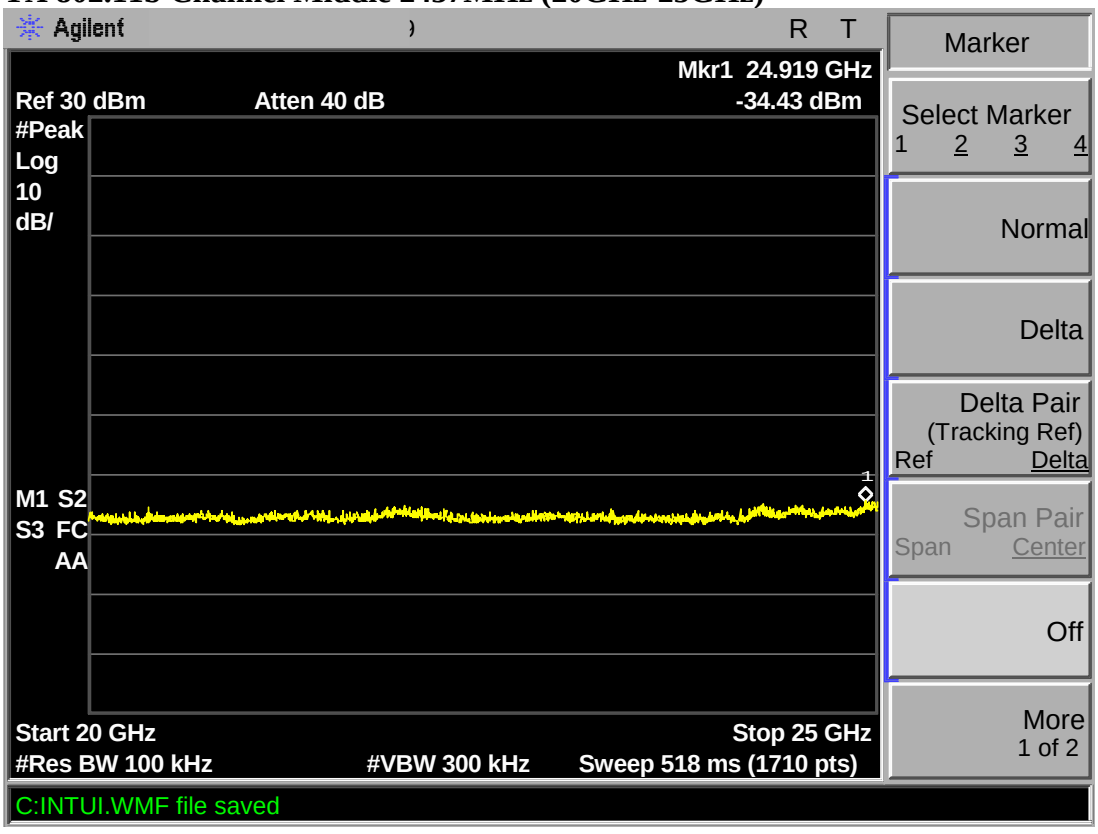
TX 802.11b Channel Middle 2437MHz (10GHz-15GHz)



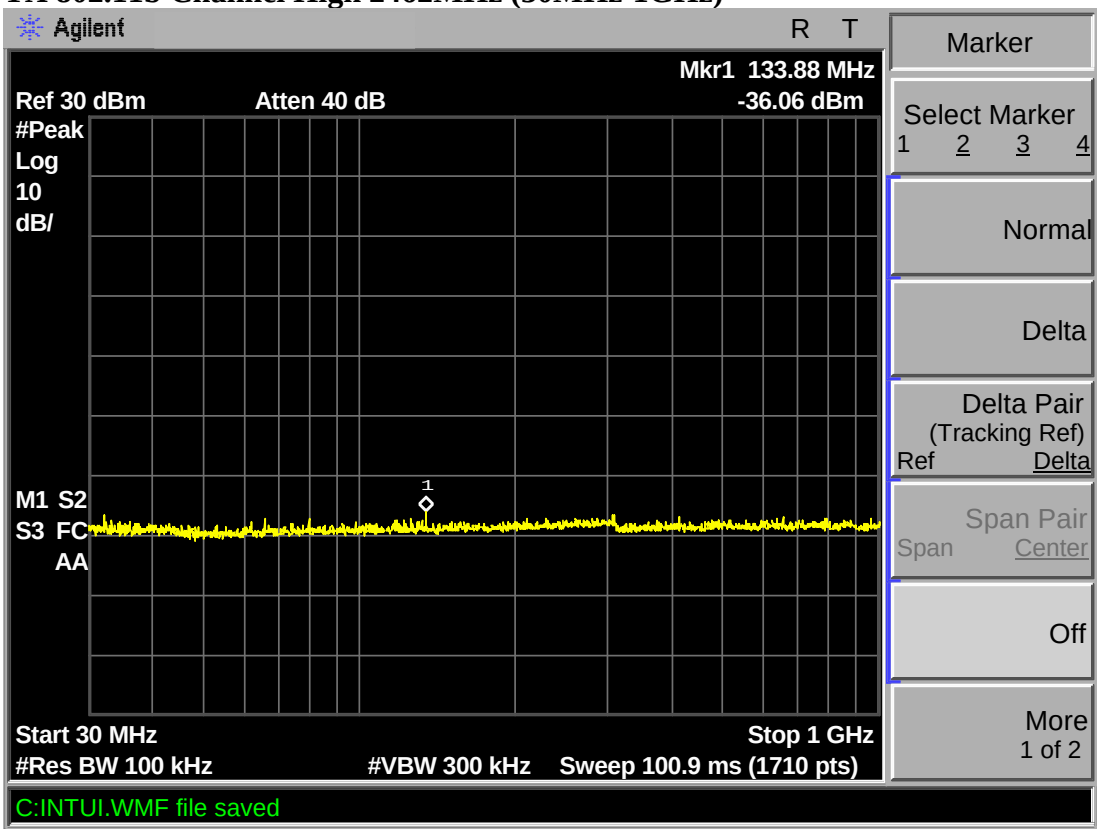
TX 802.11b Channel Middle 2437MHz (15GHz-20GHz)



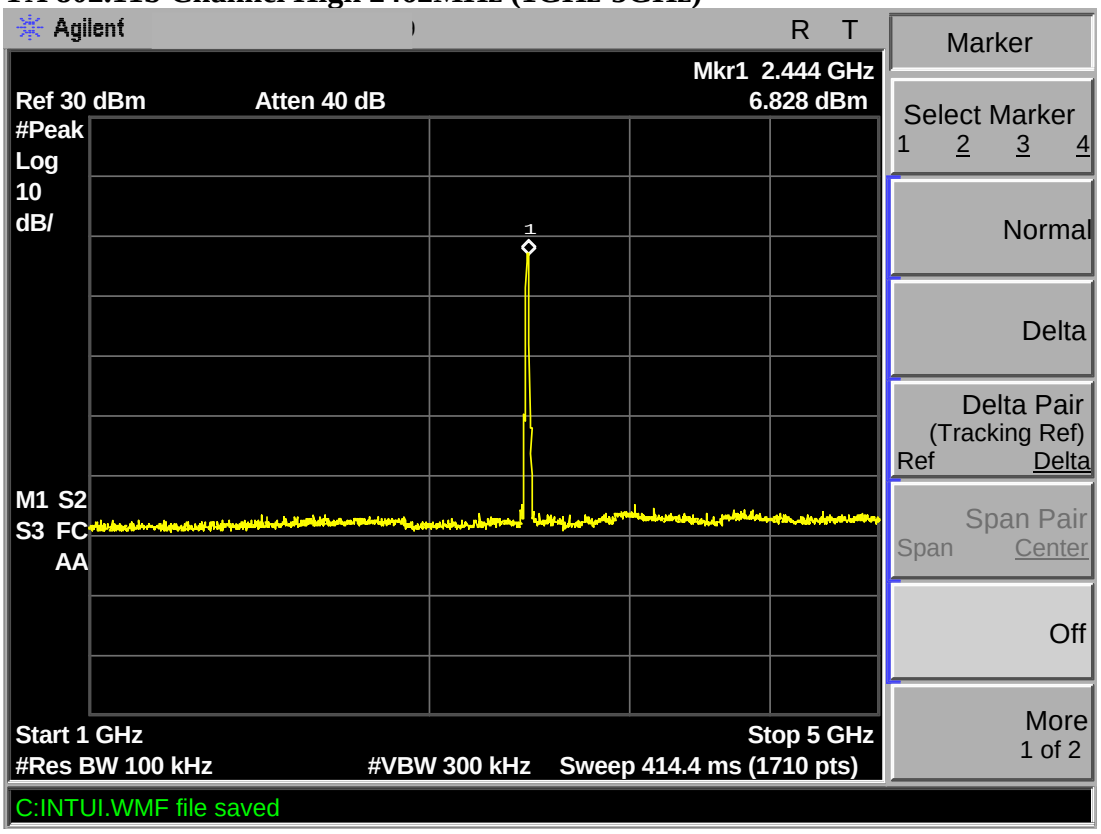
TX 802.11b Channel Middle 2437MHz (20GHz-25GHz)



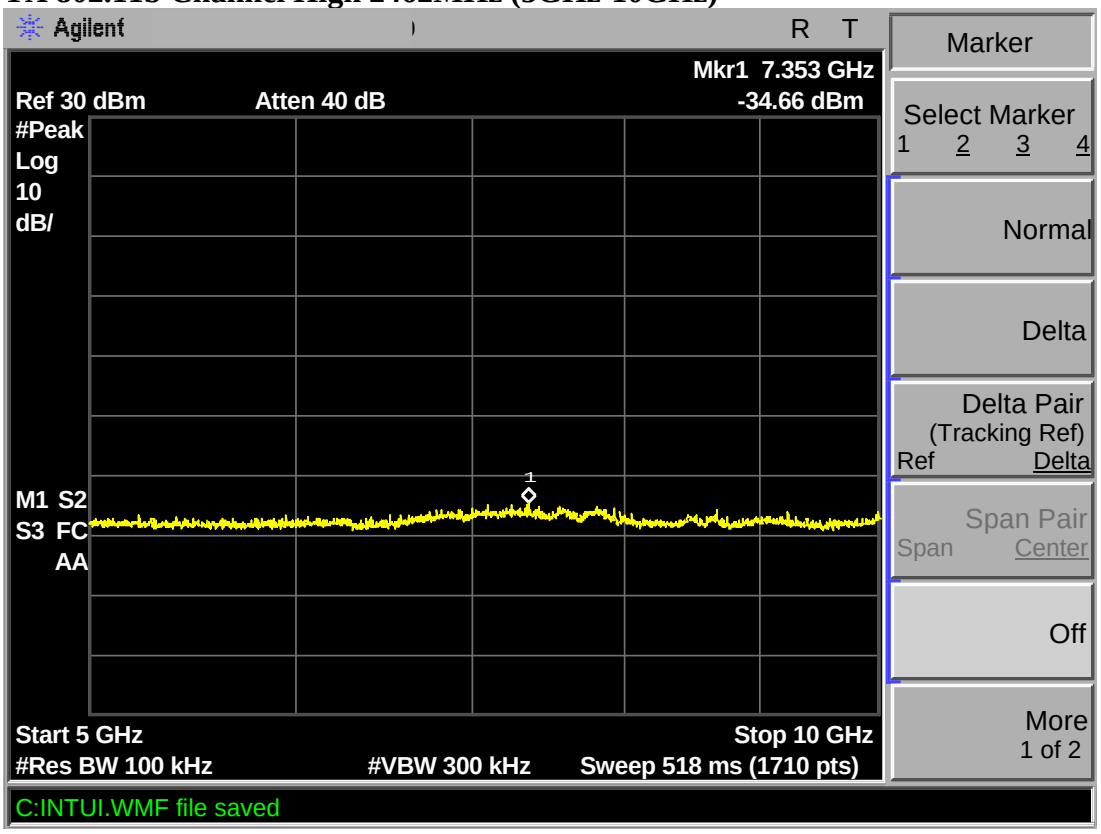
TX 802.11b Channel High 2462MHz (30MHz-1GHz)



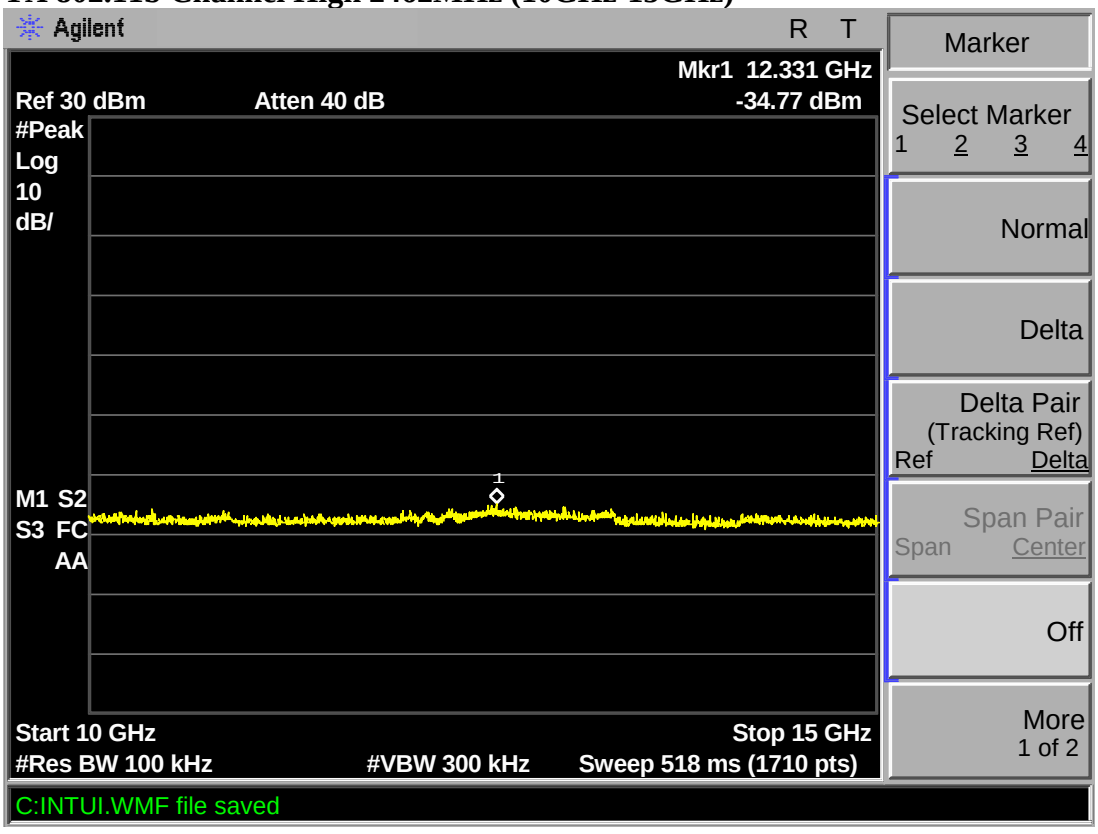
TX 802.11b Channel High 2462MHz (1GHz-5GHz)



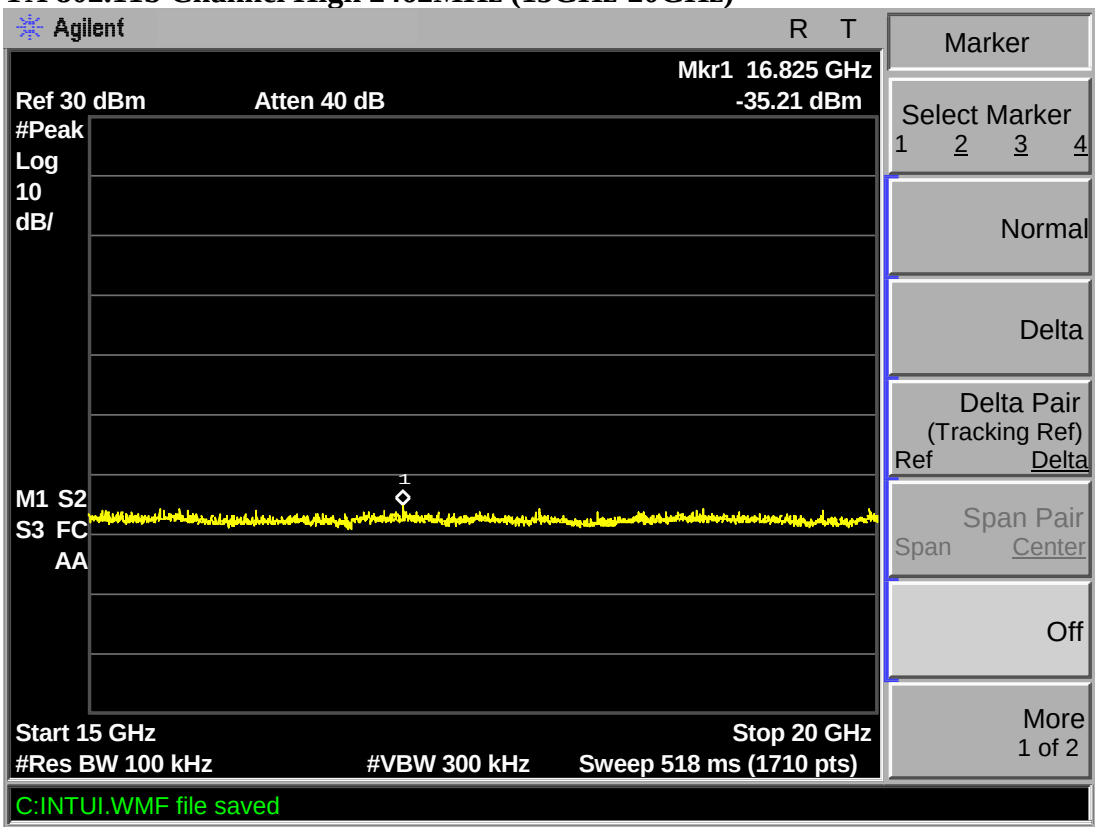
TX 802.11b Channel High 2462MHz (5GHz-10GHz)



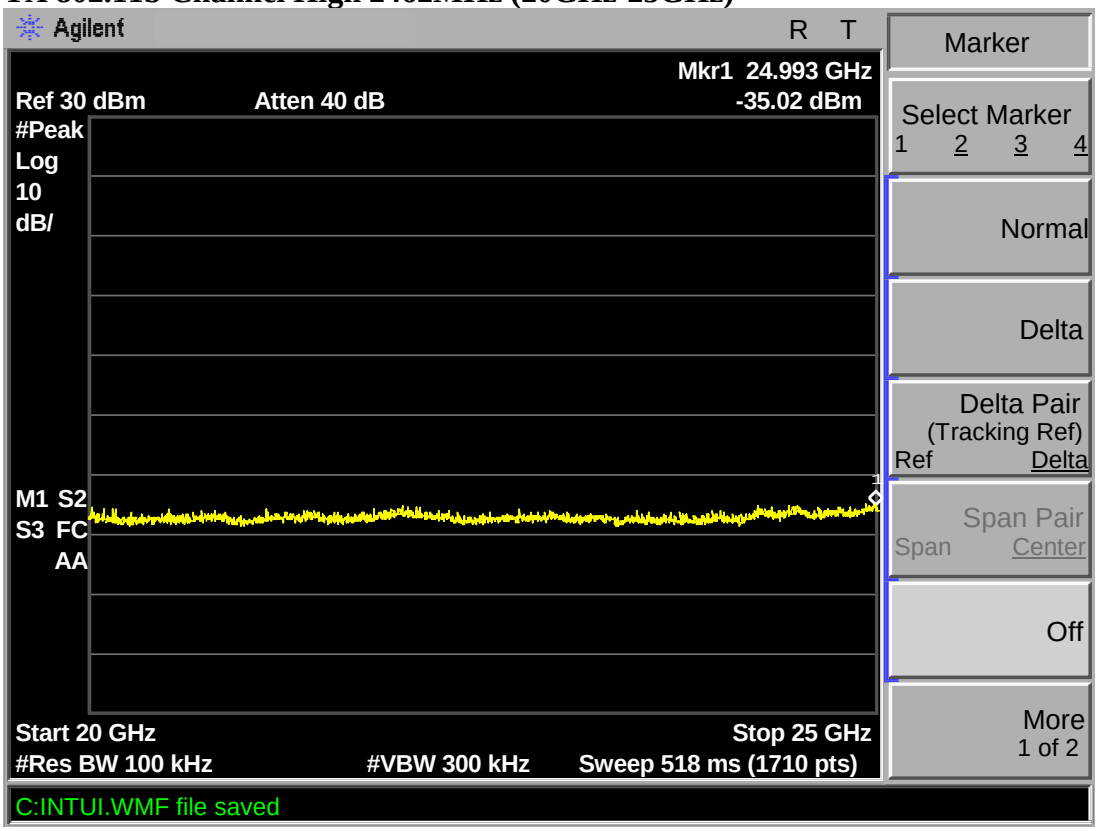
TX 802.11b Channel High 2462MHz (10GHz-15GHz)



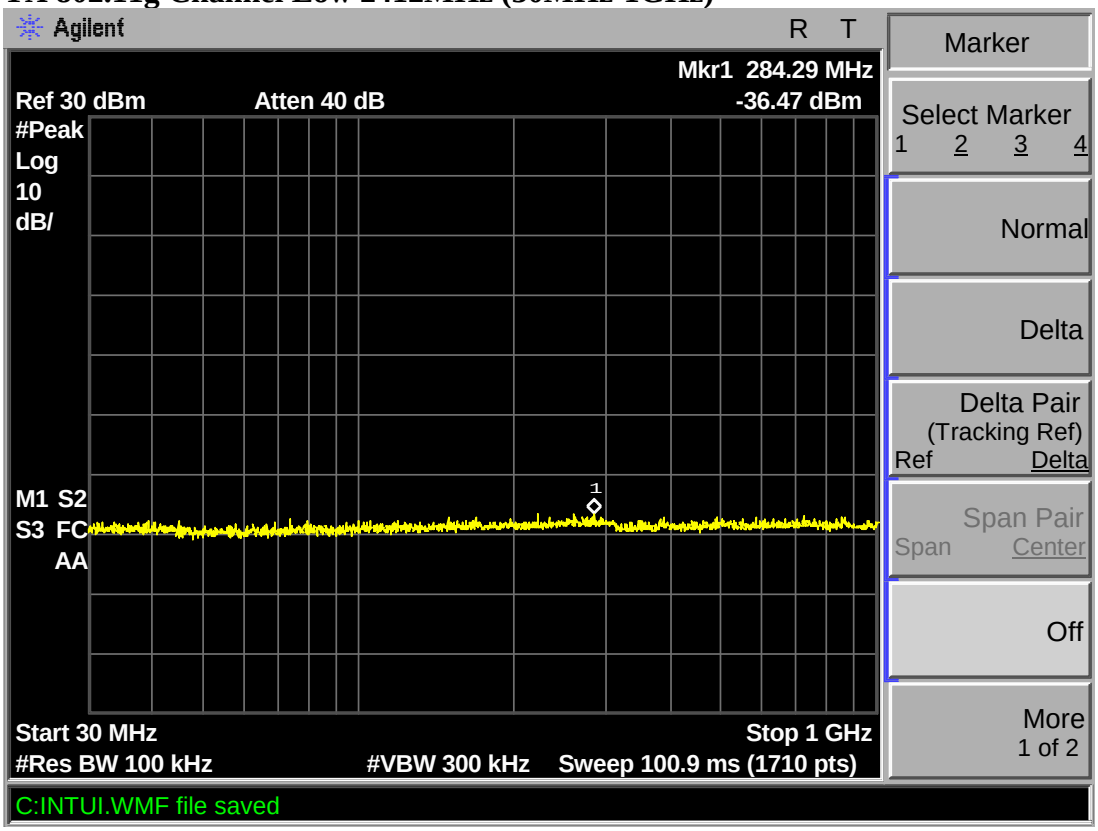
TX 802.11b Channel High 2462MHz (15GHz-20GHz)



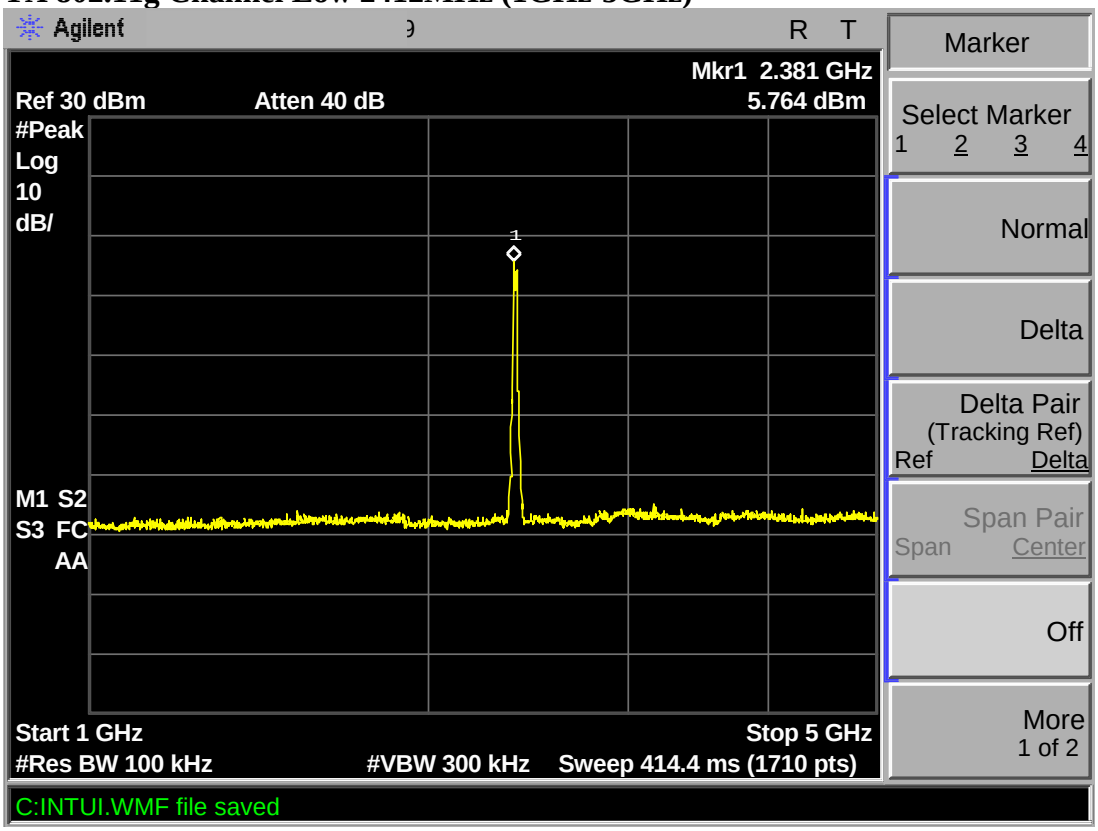
TX 802.11b Channel High 2462MHz (20GHz-25GHz)



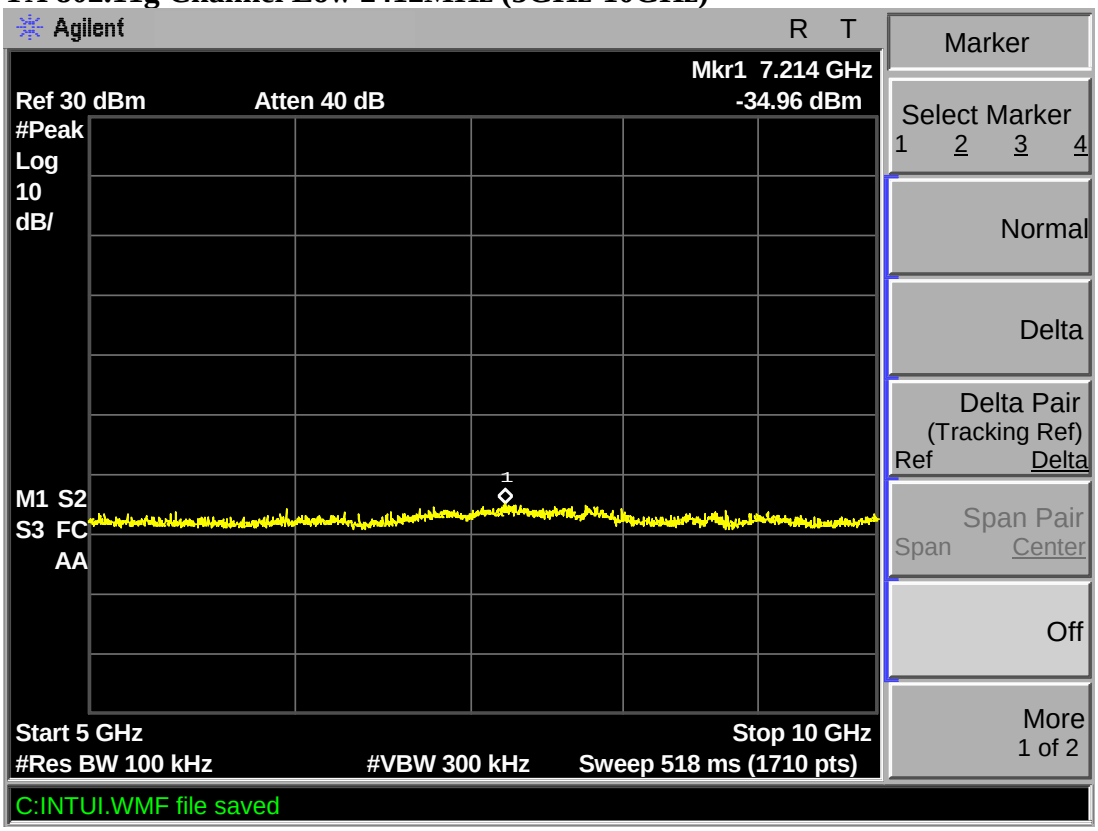
TX 802.11g Channel Low 2412MHz (30MHz-1GHz)



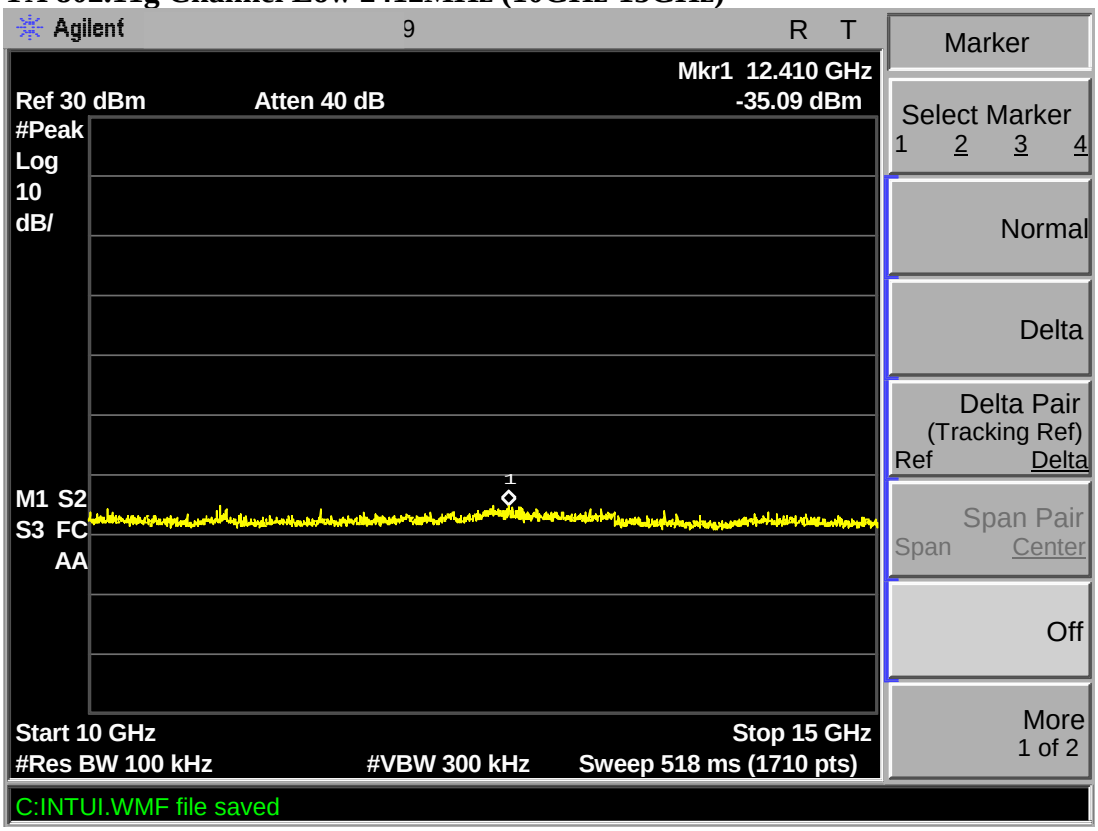
TX 802.11g Channel Low 2412MHz (1GHz-5GHz)



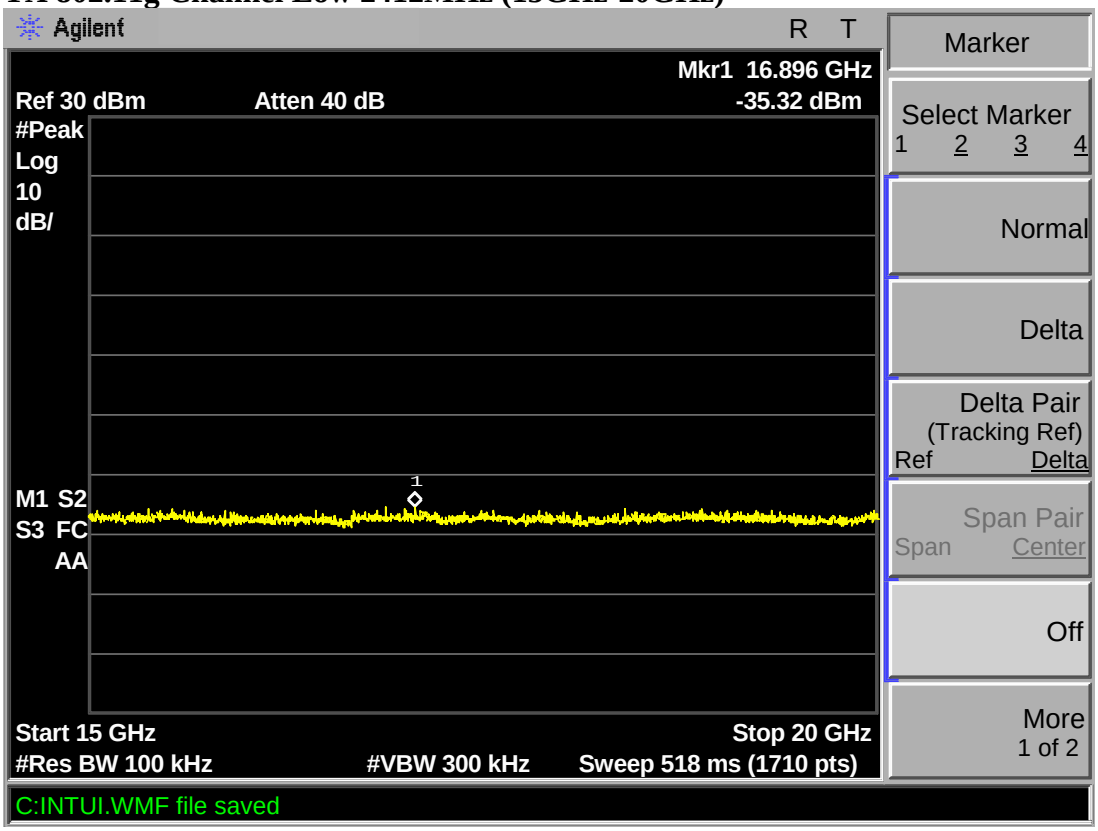
TX 802.11g Channel Low 2412MHz (5GHz-10GHz)



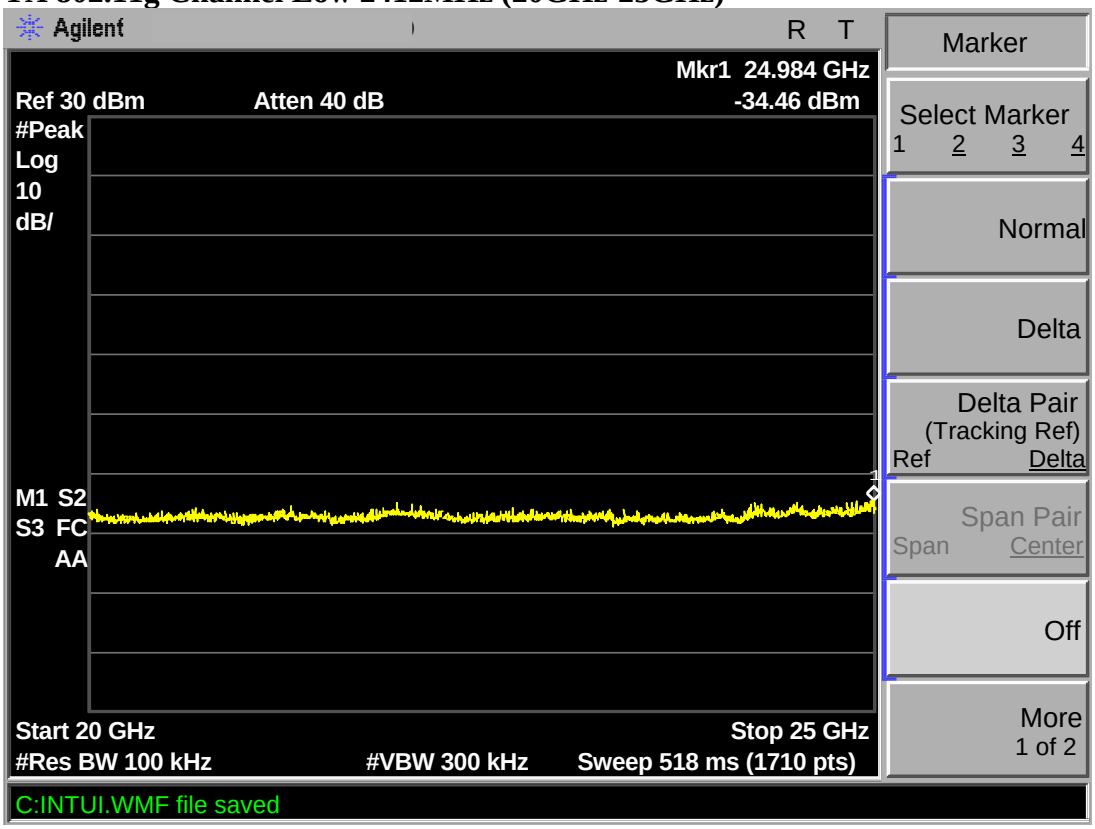
TX 802.11g Channel Low 2412MHz (10GHz-15GHz)



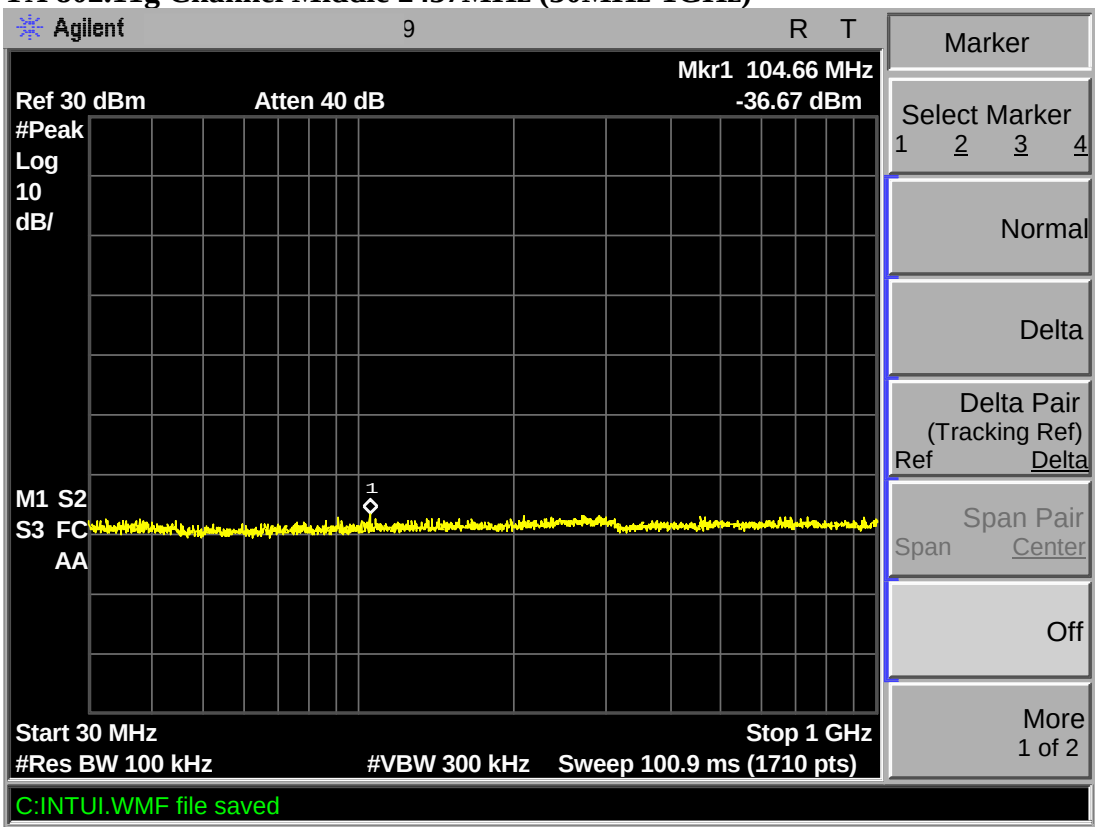
TX 802.11g Channel Low 2412MHz (15GHz-20GHz)



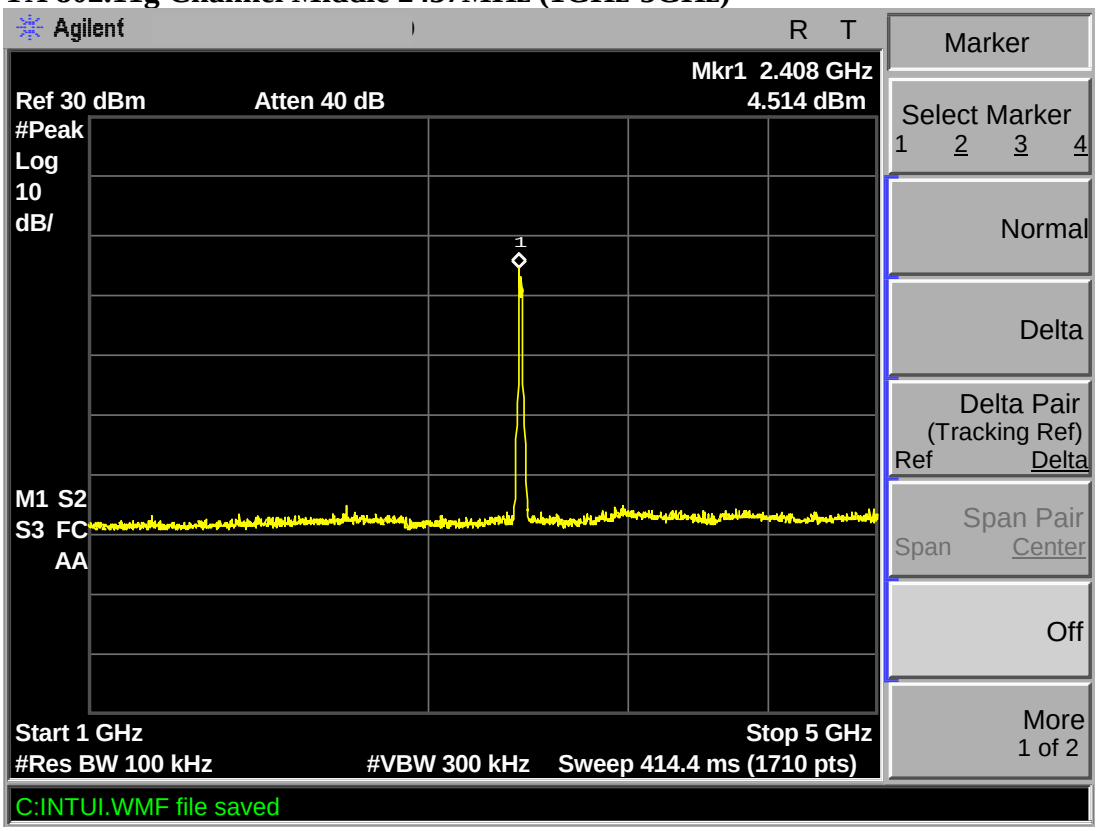
TX 802.11g Channel Low 2412MHz (20GHz-25GHz)



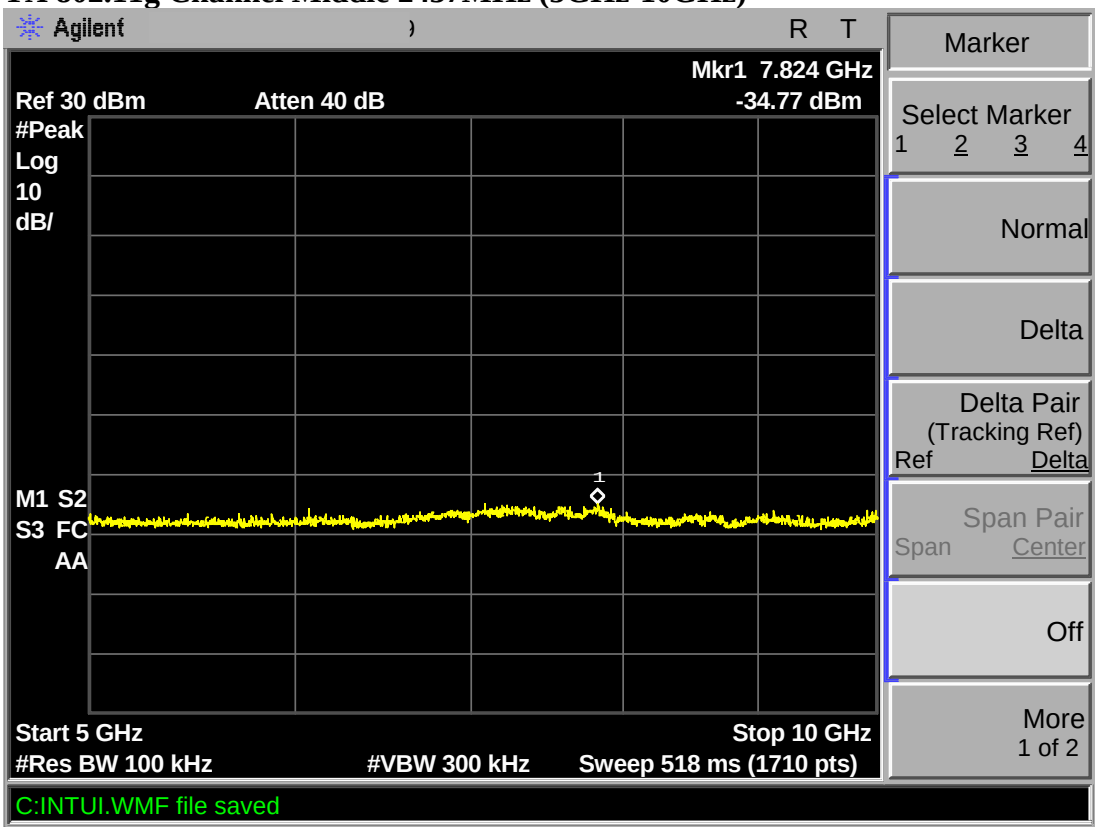
TX 802.11g Channel Middle 2437MHz (30MHz-1GHz)



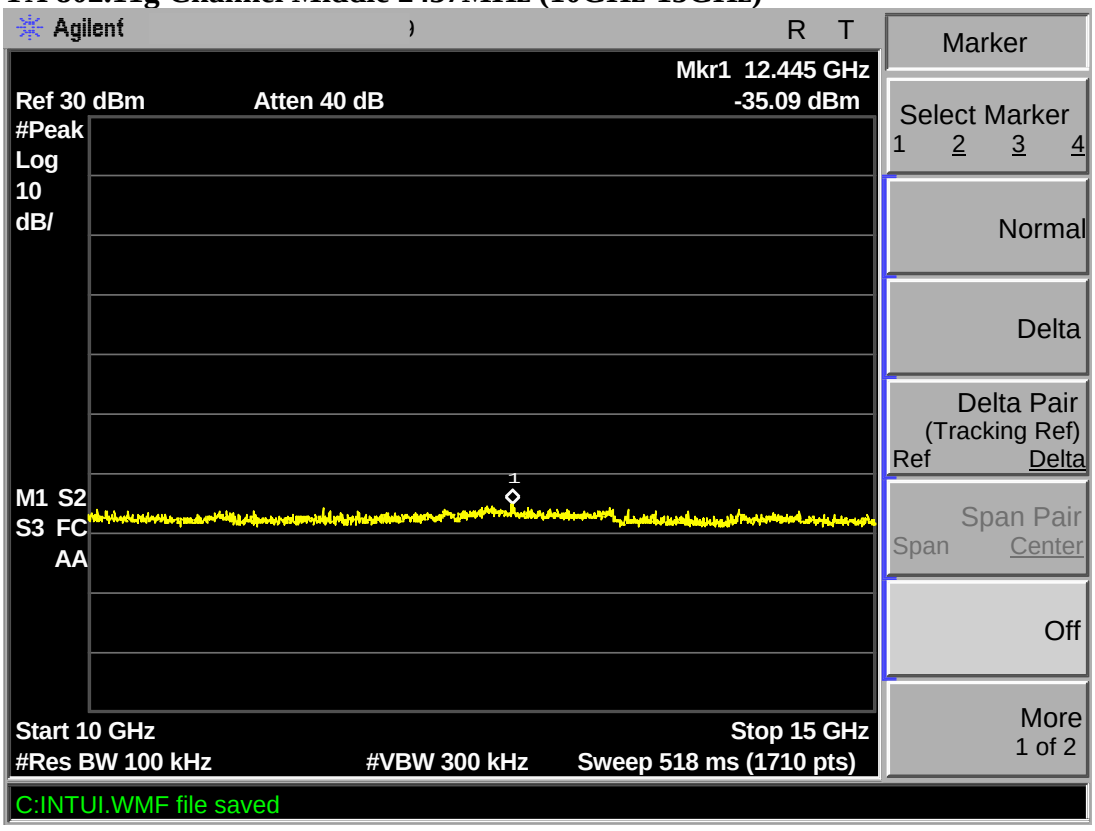
TX 802.11g Channel Middle 2437MHz (1GHz-5GHz)



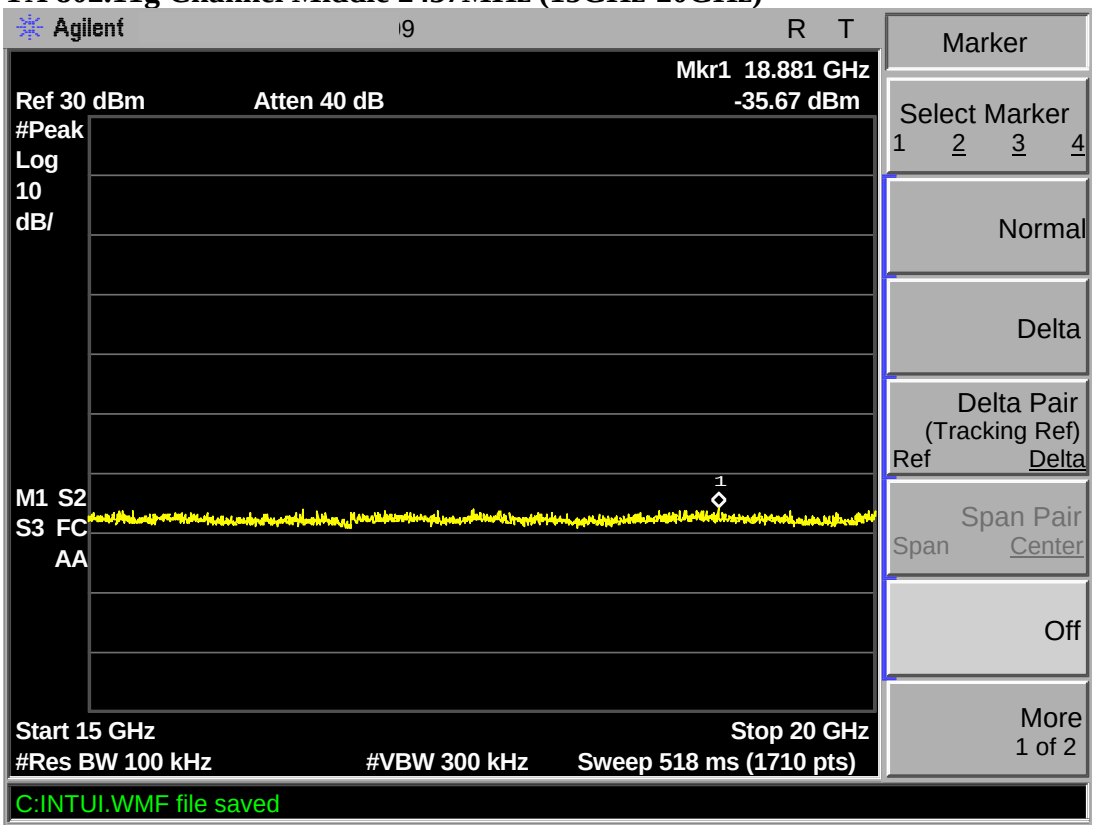
TX 802.11g Channel Middle 2437MHz (5GHz-10GHz)



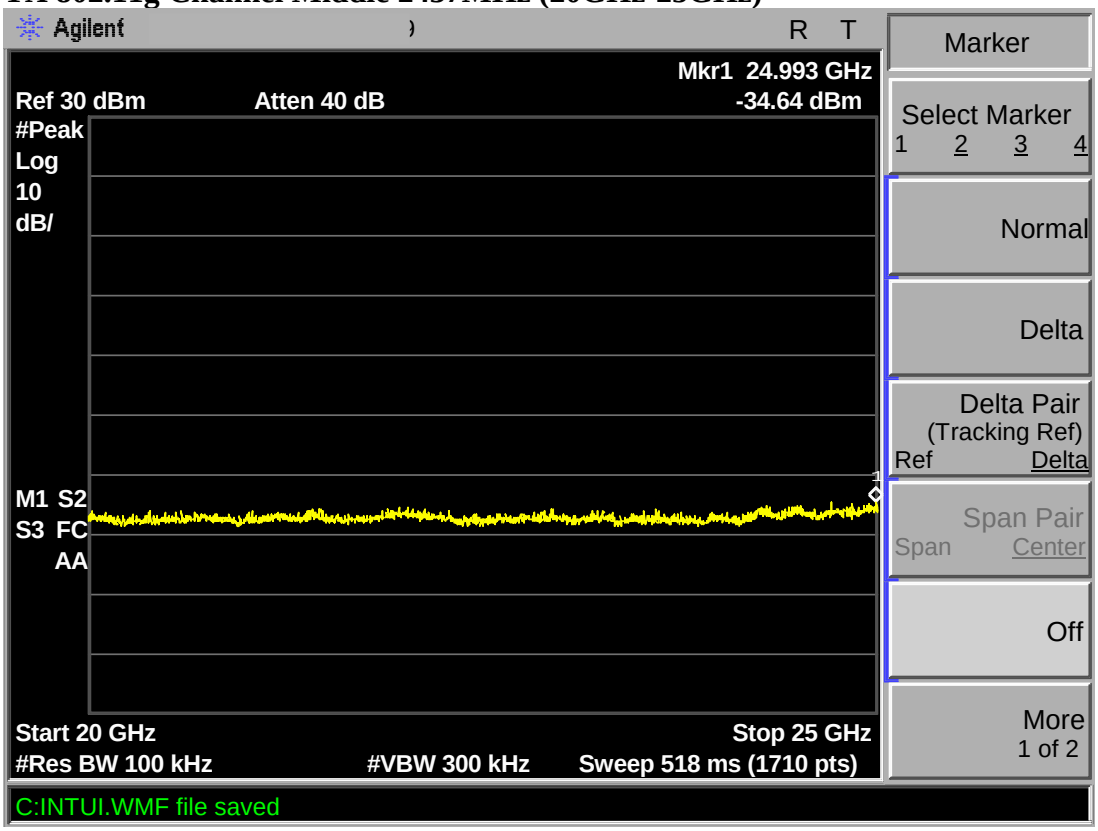
TX 802.11g Channel Middle 2437MHz (10GHz-15GHz)



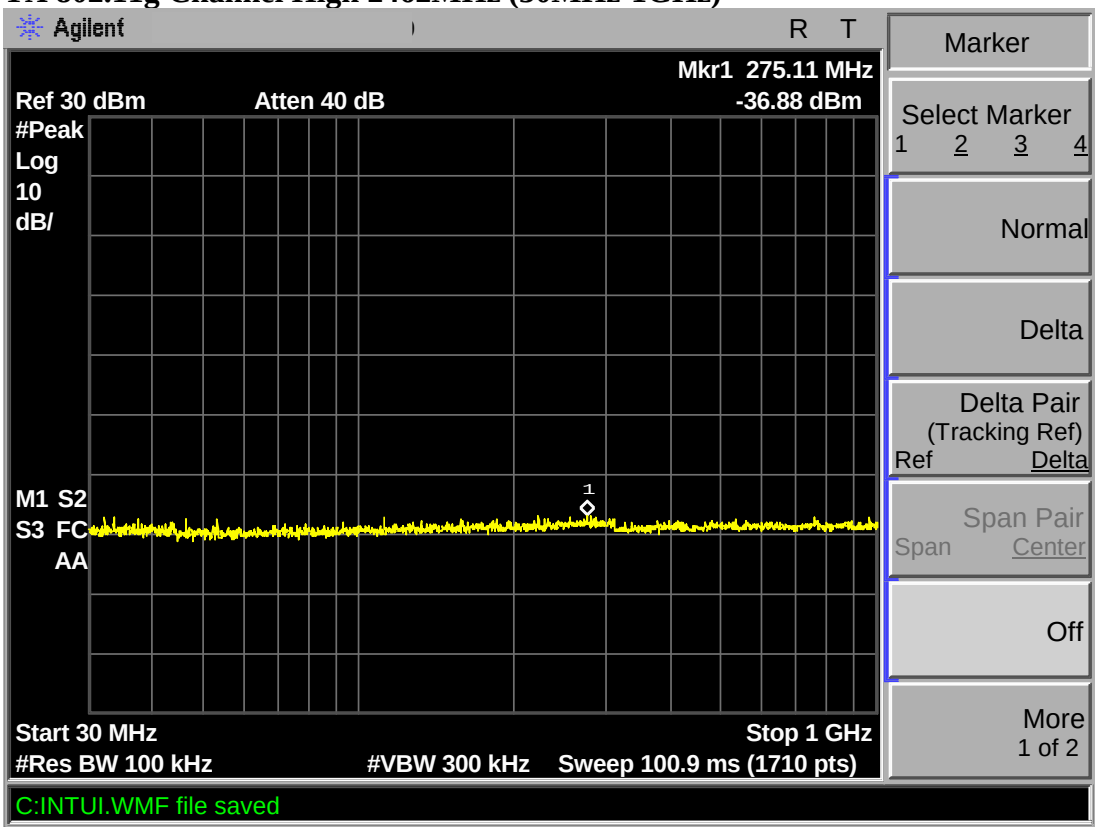
TX 802.11g Channel Middle 2437MHz (15GHz-20GHz)



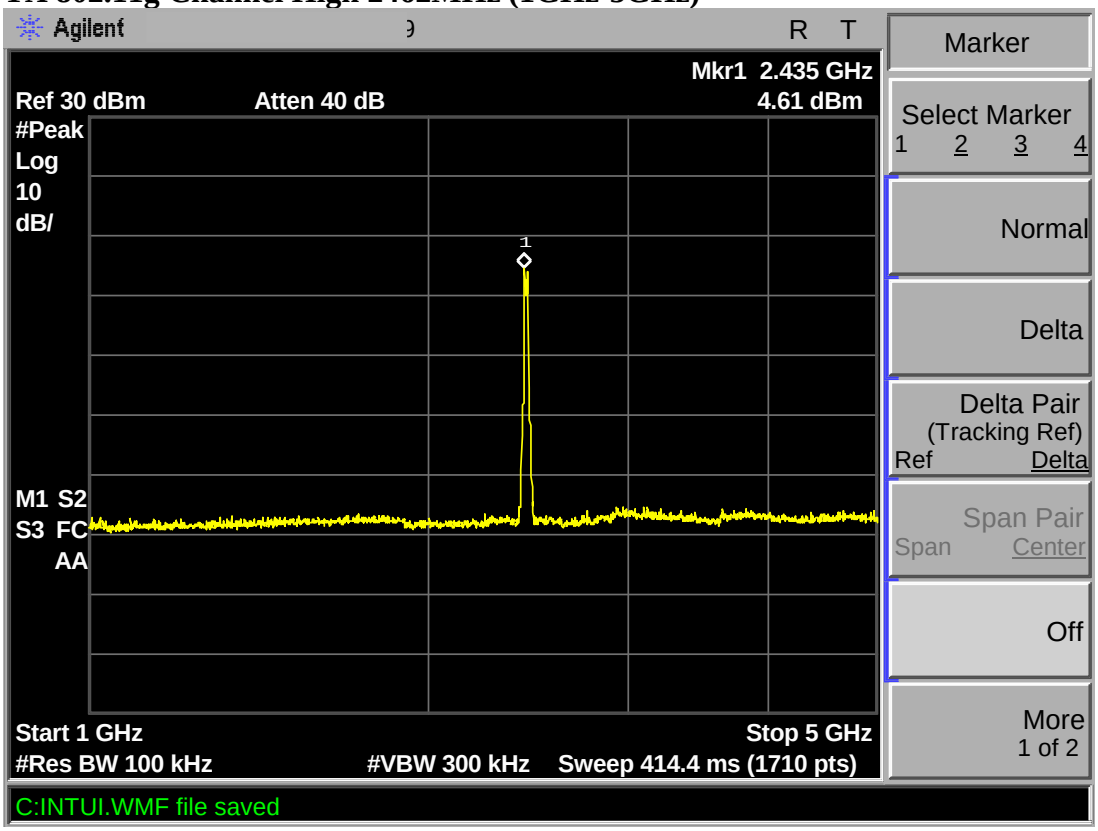
TX 802.11g Channel Middle 2437MHz (20GHz-25GHz)



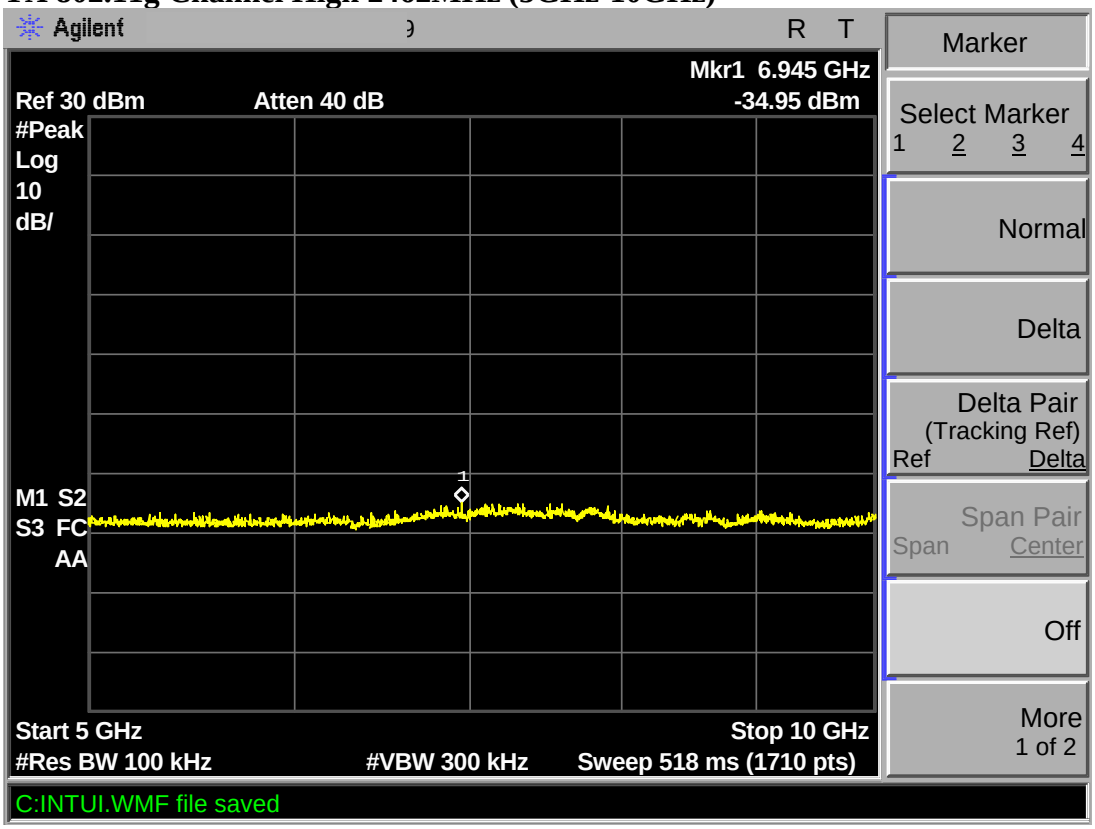
TX 802.11g Channel High 2462MHz (30MHz-1GHz)



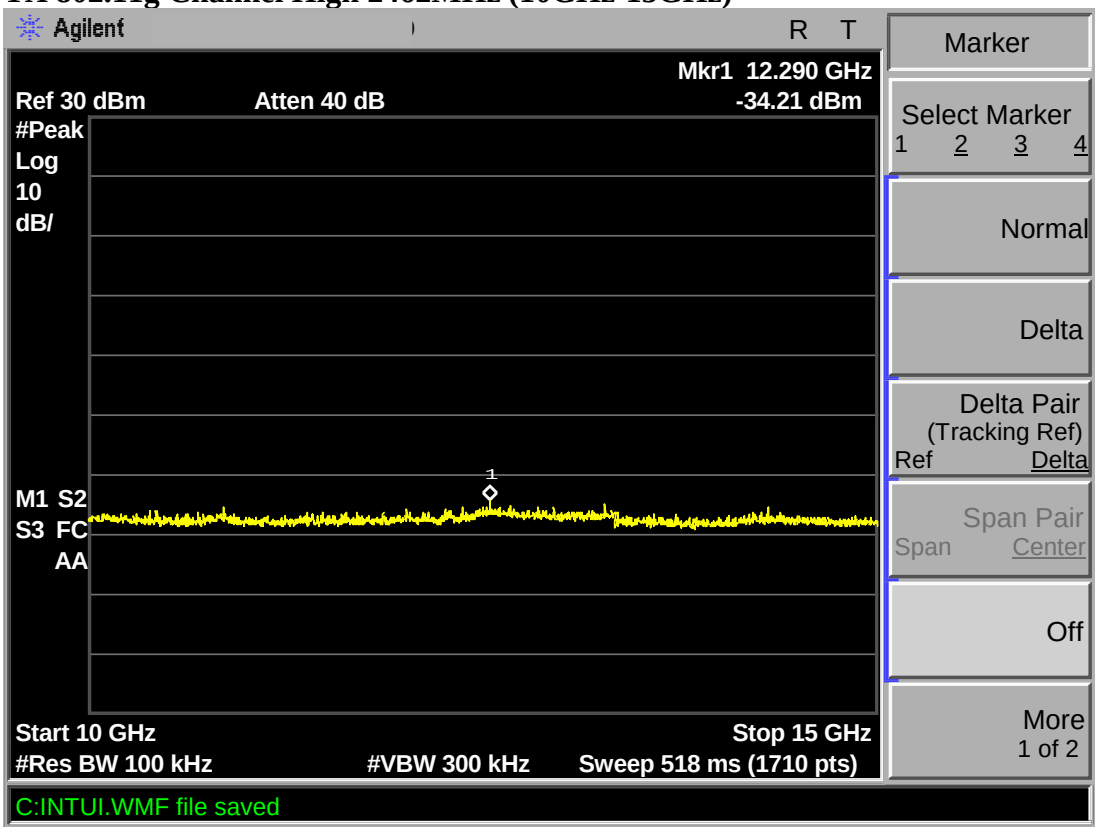
TX 802.11g Channel High 2462MHz (1GHz-5GHz)



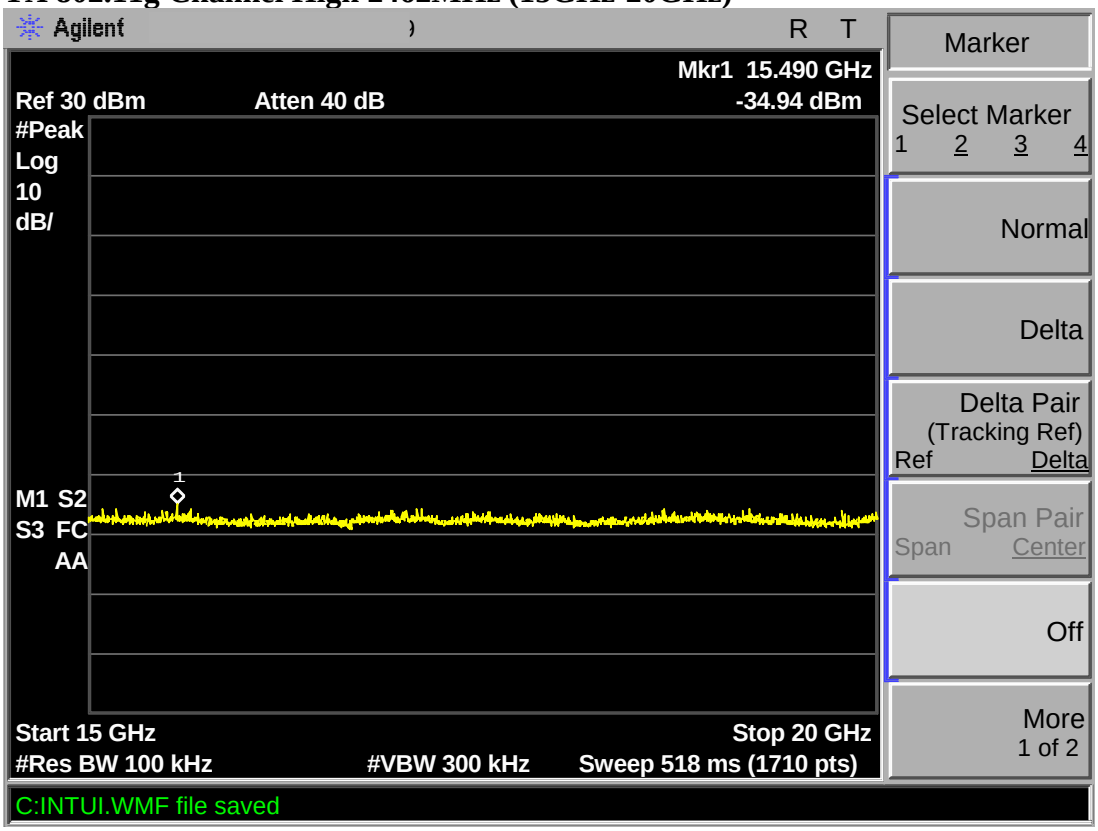
TX 802.11g Channel High 2462MHz (5GHz-10GHz)



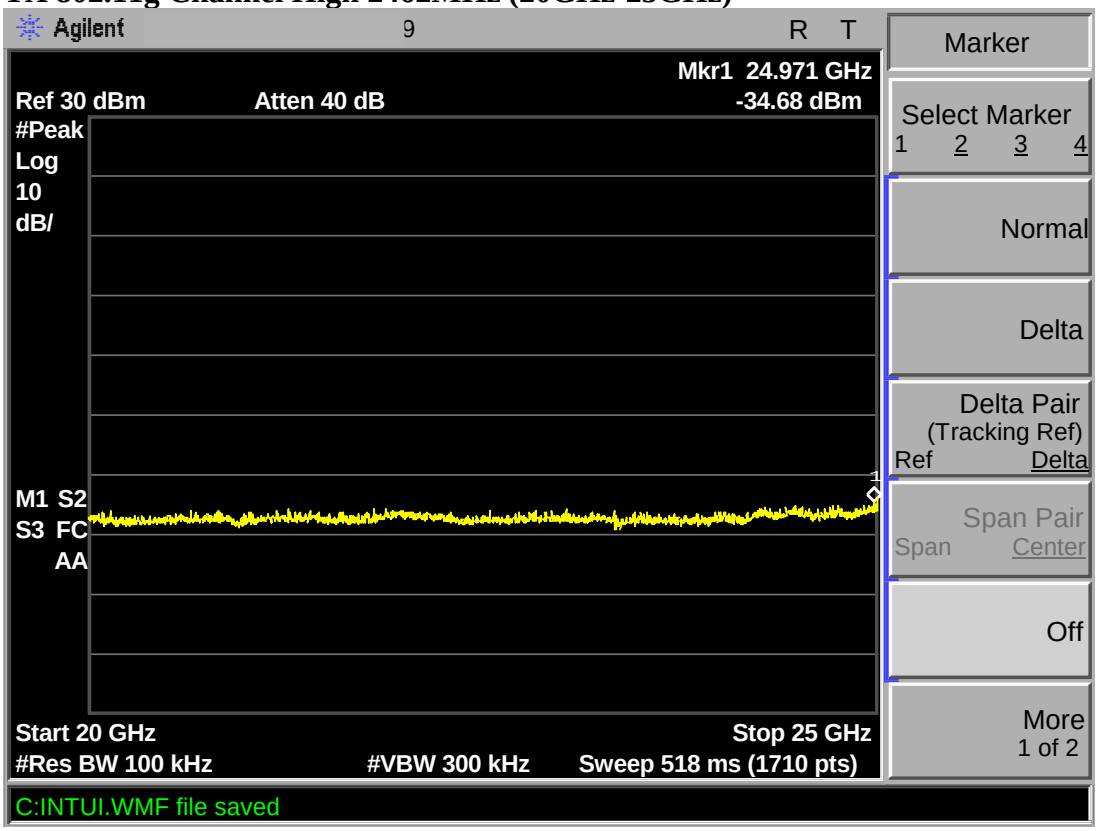
TX 802.11g Channel High 2462MHz (10GHz-15GHz)



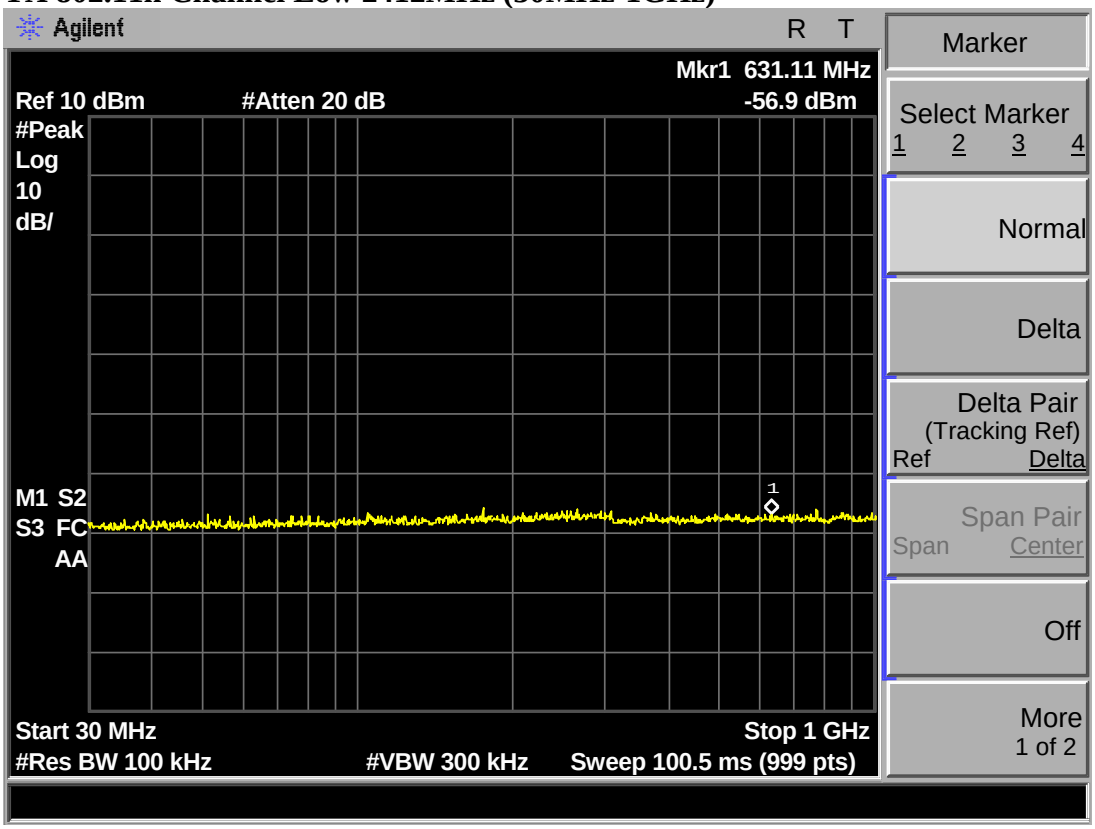
TX 802.11g Channel High 2462MHz (15GHz-20GHz)



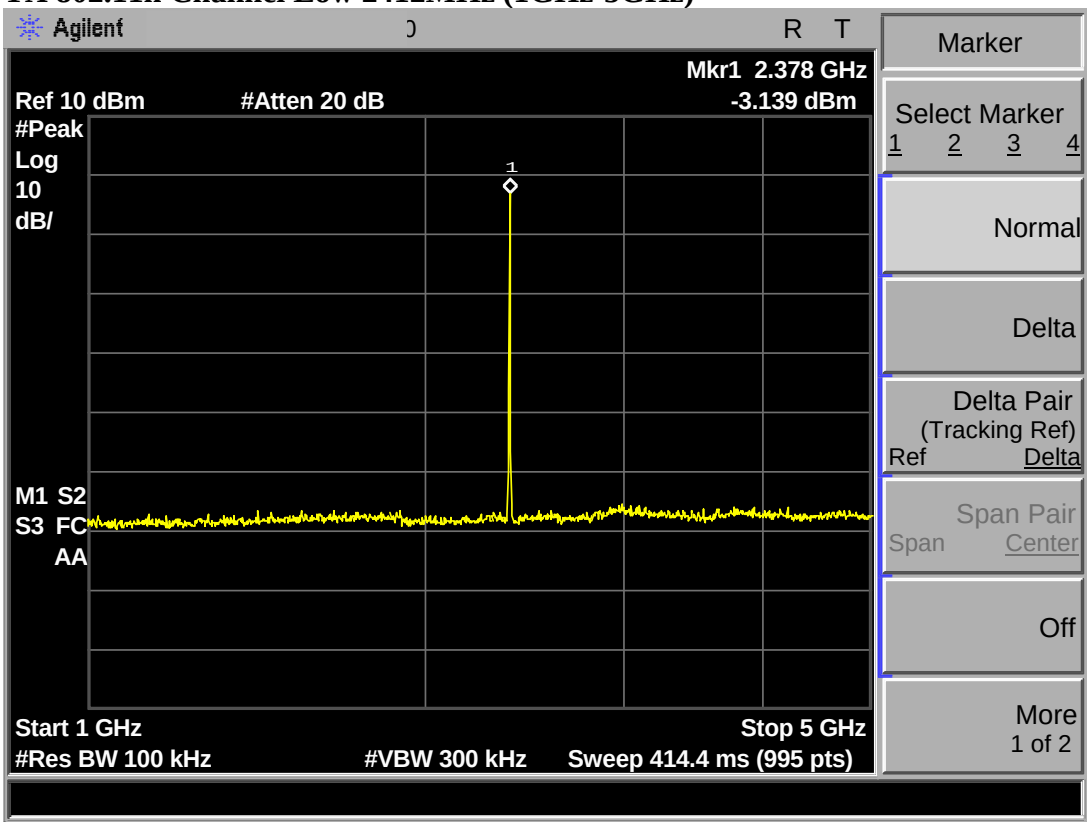
TX 802.11g Channel High 2462MHz (20GHz-25GHz)



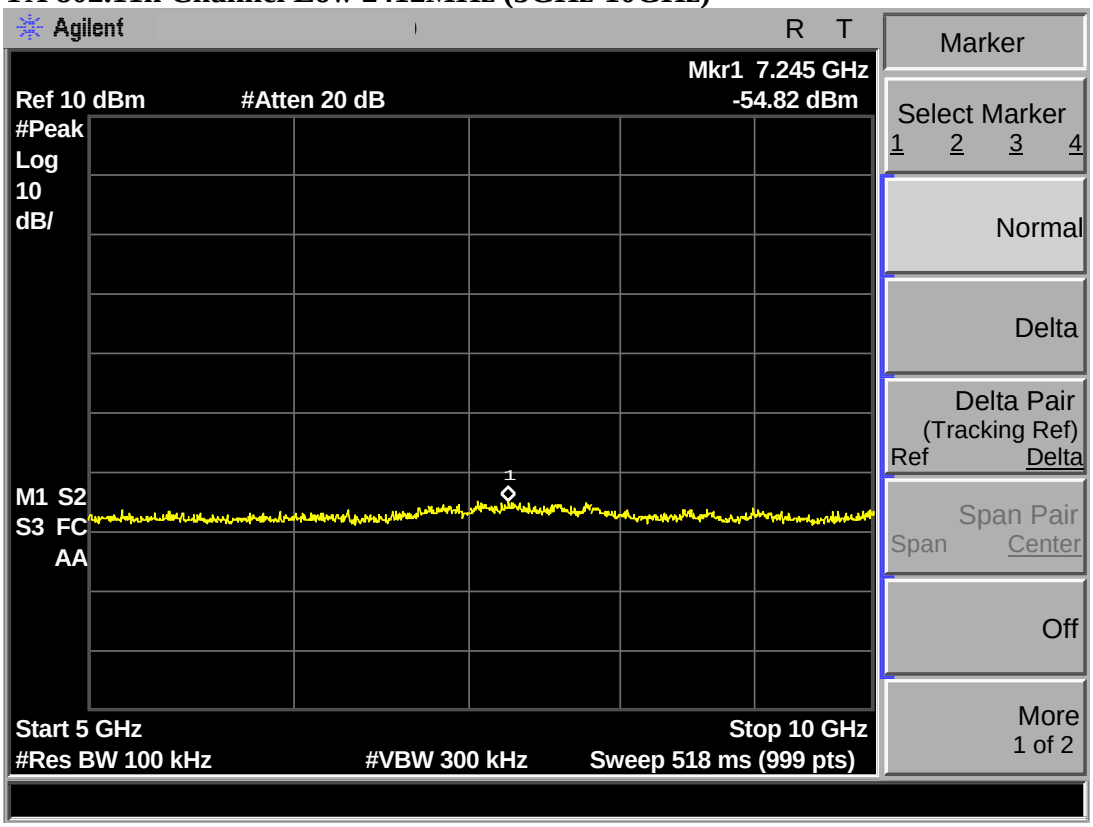
TX 802.11n Channel Low 2412MHz (30MHz-1GHz)



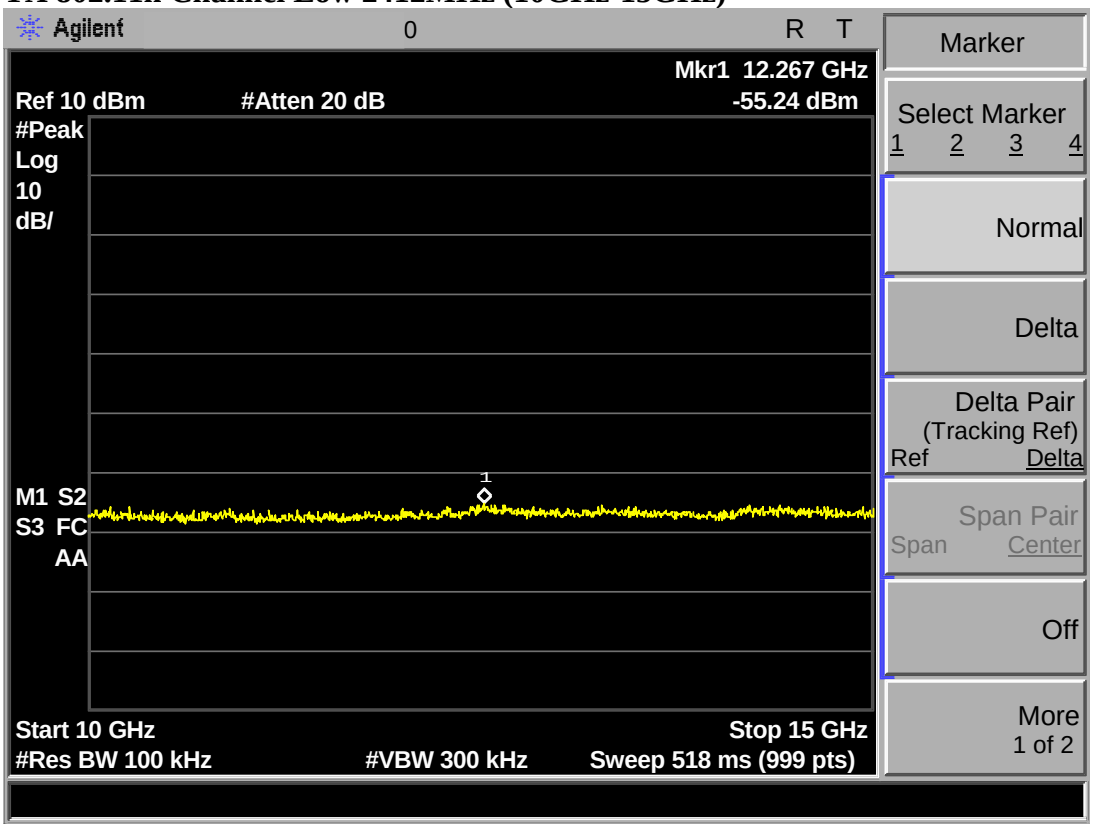
TX 802.11n Channel Low 2412MHz (1GHz-5GHz)



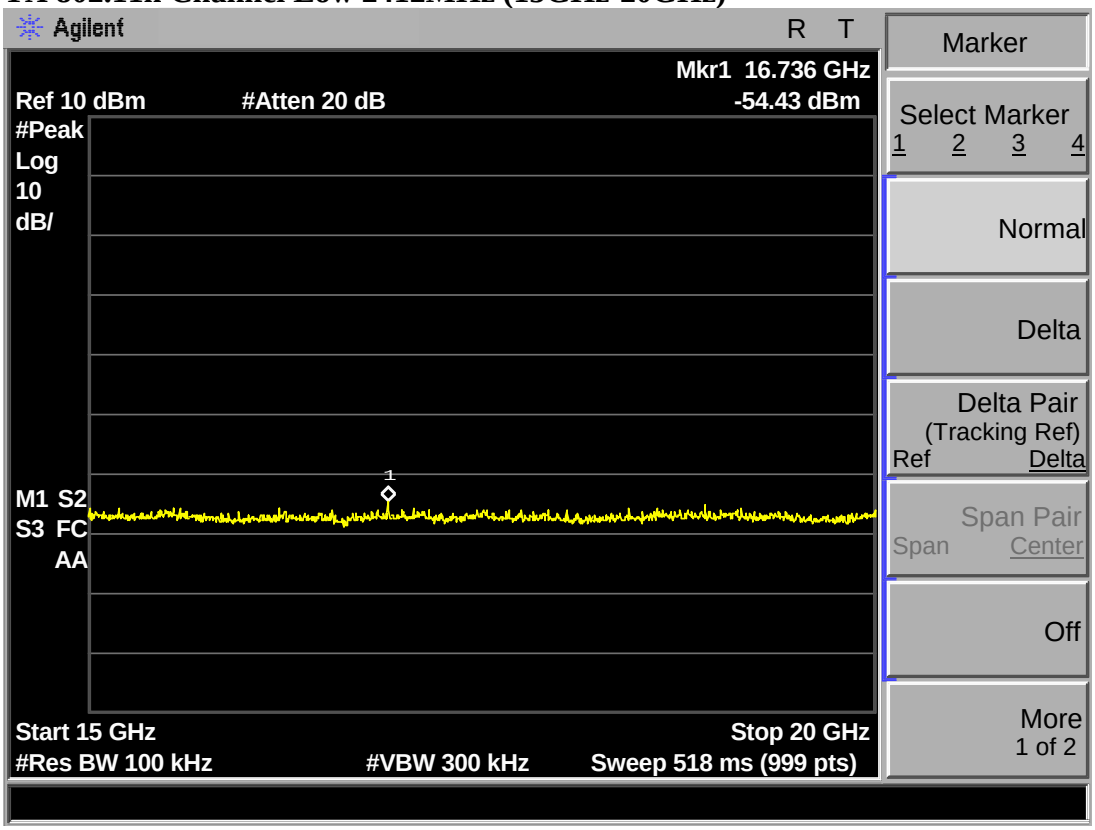
TX 802.11n Channel Low 2412MHz (5GHz-10GHz)



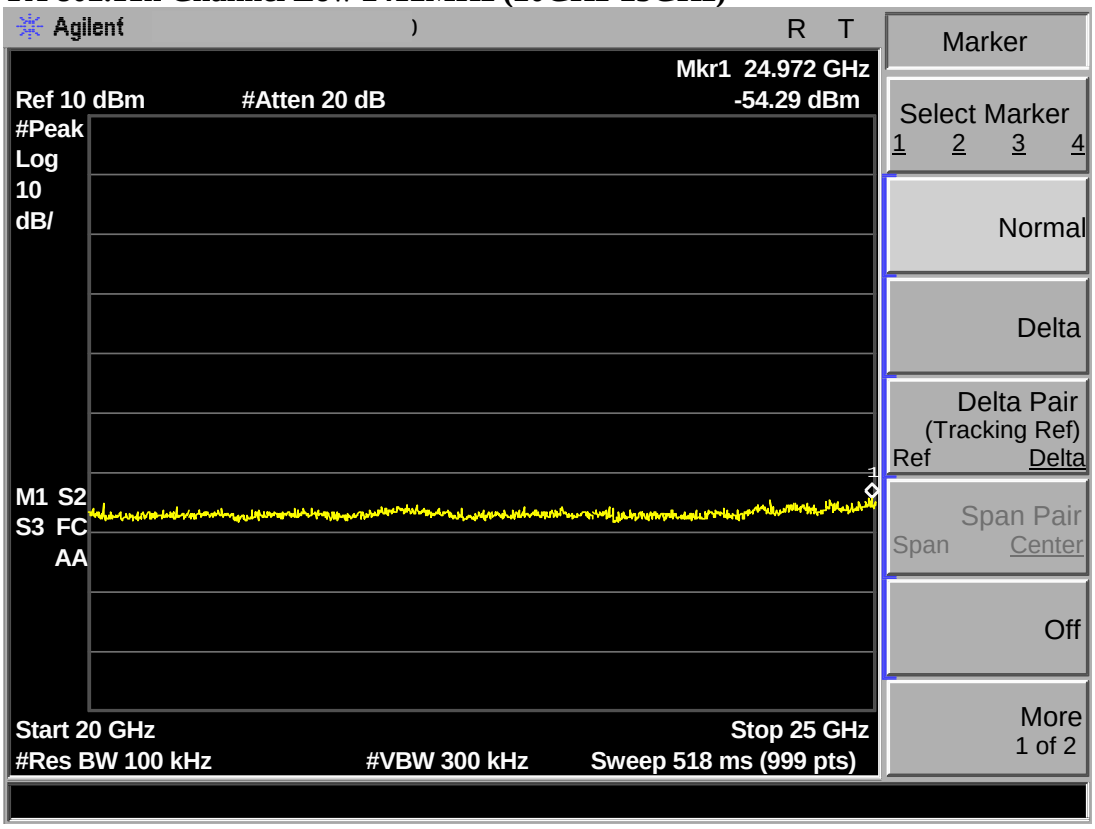
TX 802.11n Channel Low 2412MHz (10GHz-15GHz)



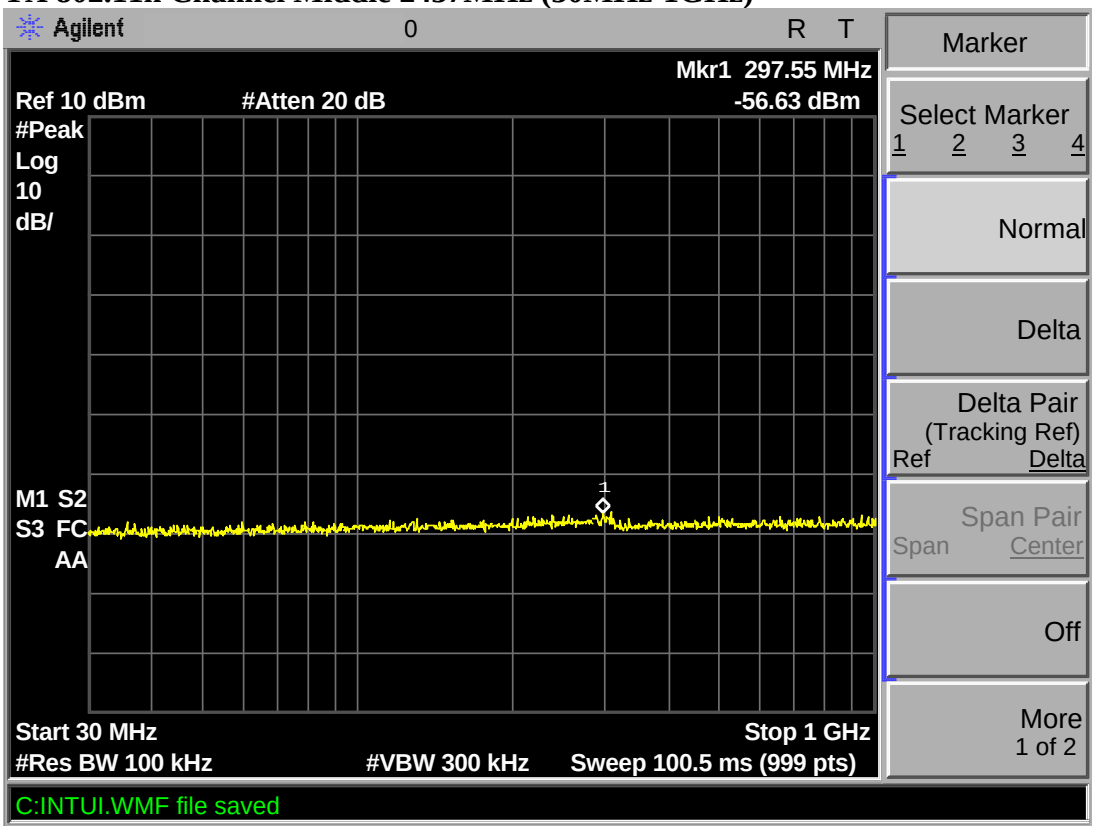
TX 802.11n Channel Low 2412MHz (15GHz-20GHz)



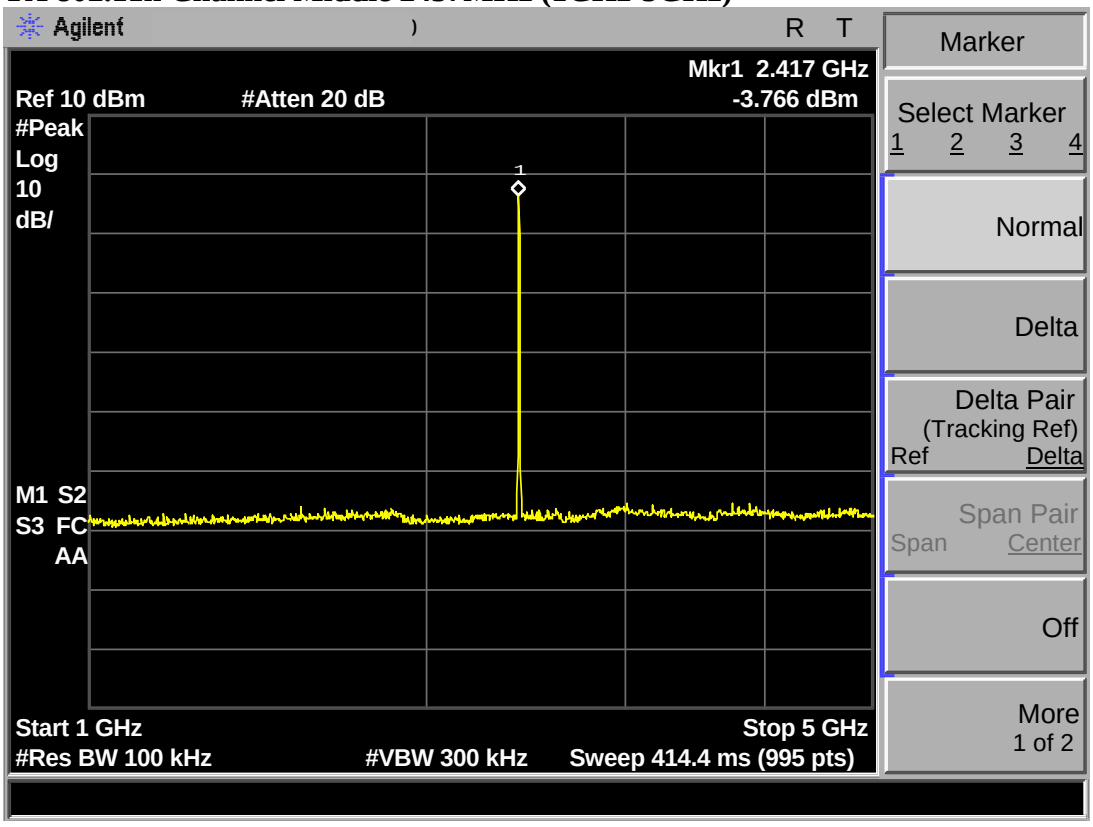
TX 802.11n Channel Low 2412MHz (20GHz-25GHz)



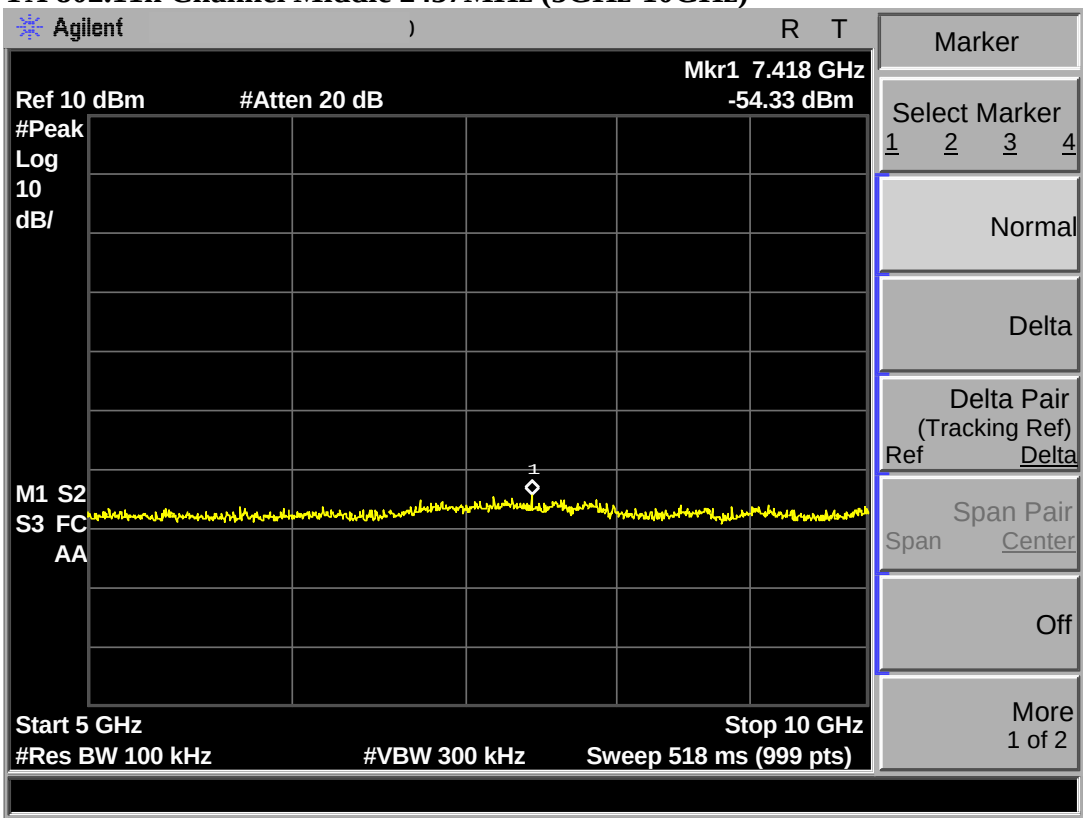
TX 802.11n Channel Middle 2437MHz (30MHz-1GHz)



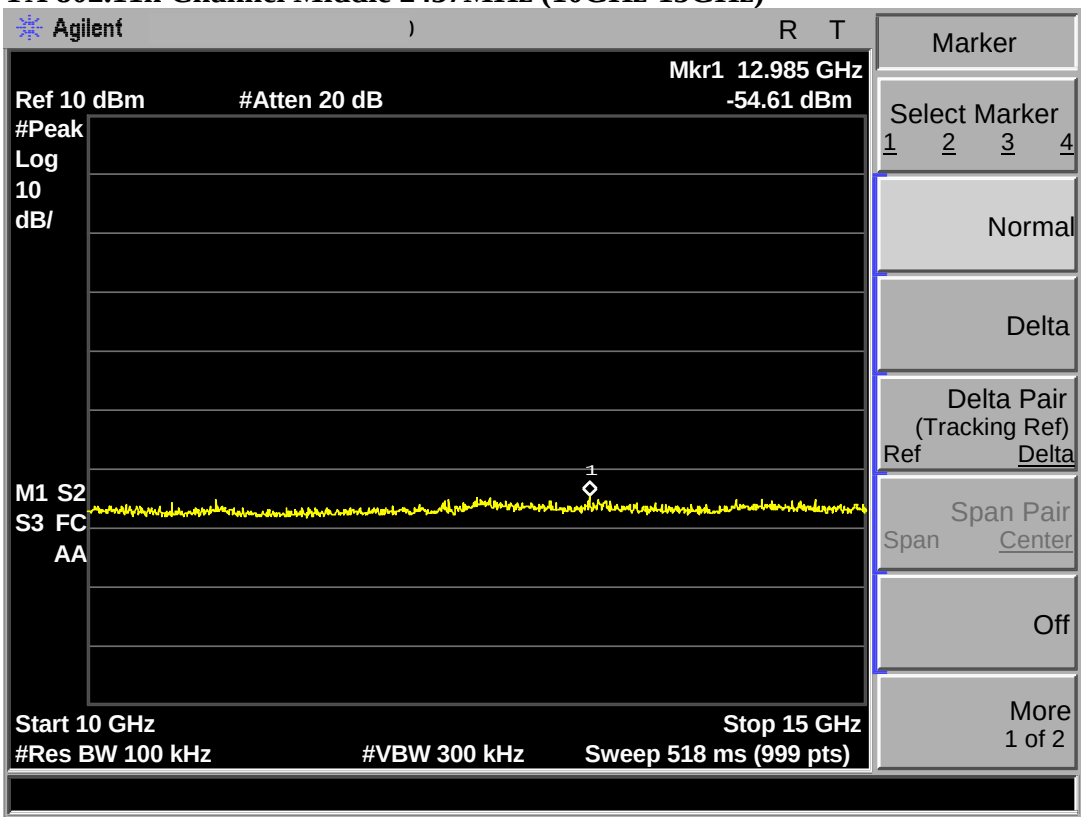
TX 802.11n Channel Middle 2437MHz (1GHz-5GHz)



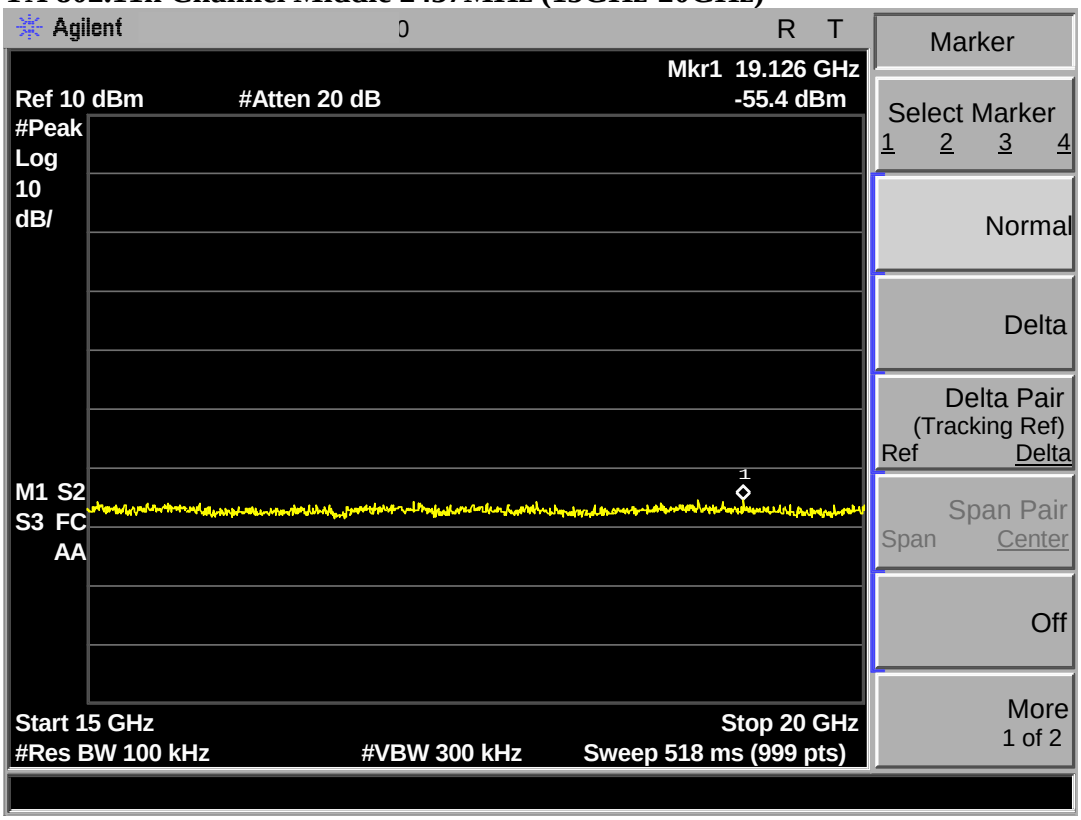
TX 802.11n Channel Middle 2437MHz (5GHz-10GHz)



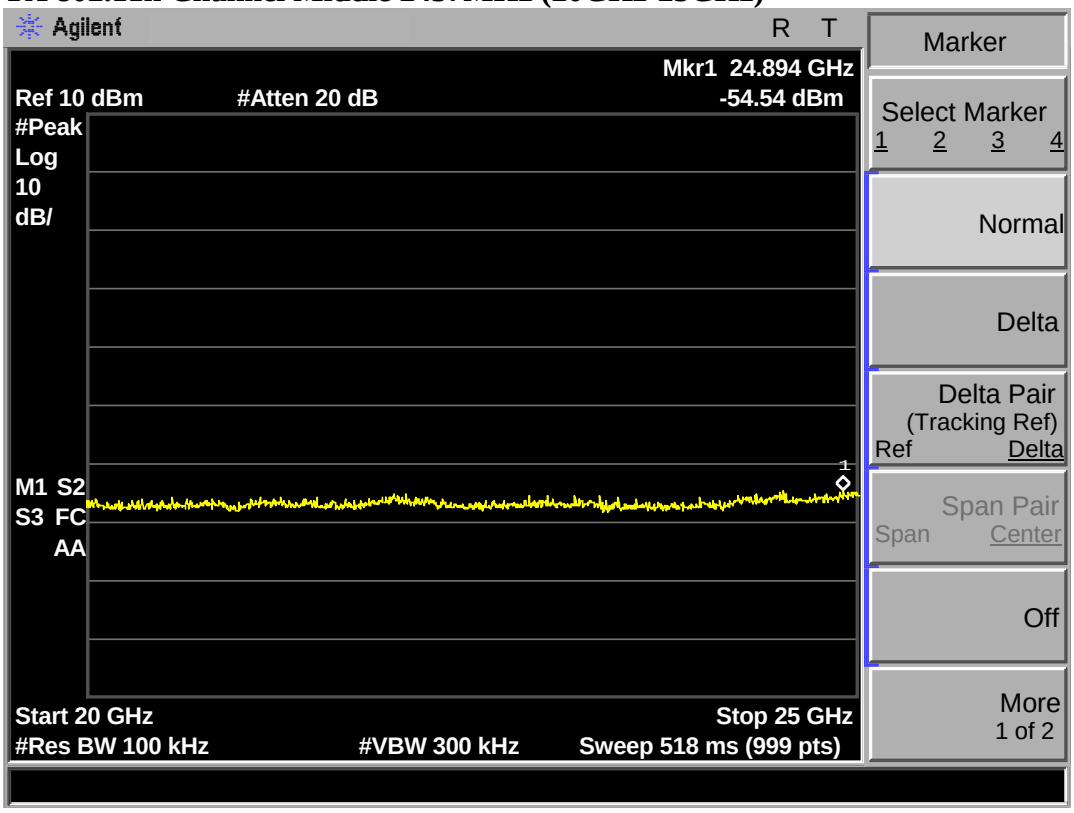
TX 802.11n Channel Middle 2437MHz (10GHz-15GHz)



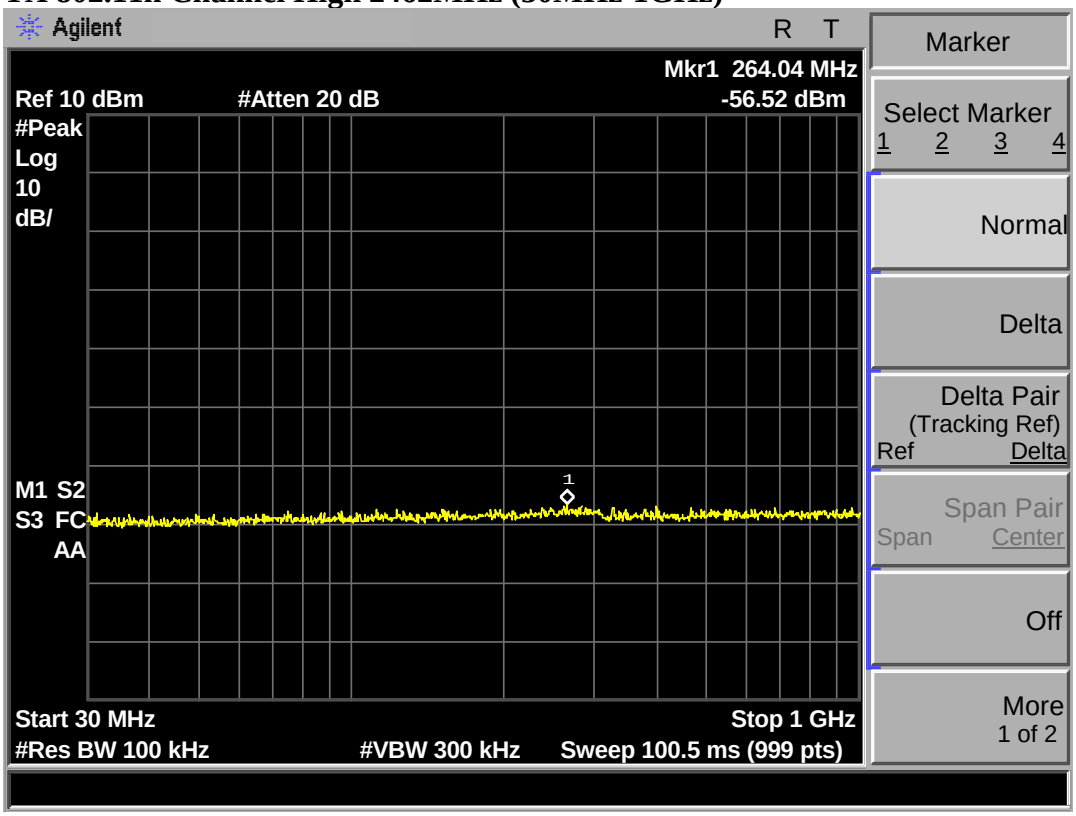
TX 802.11n Channel Middle 2437MHz (15GHz-20GHz)



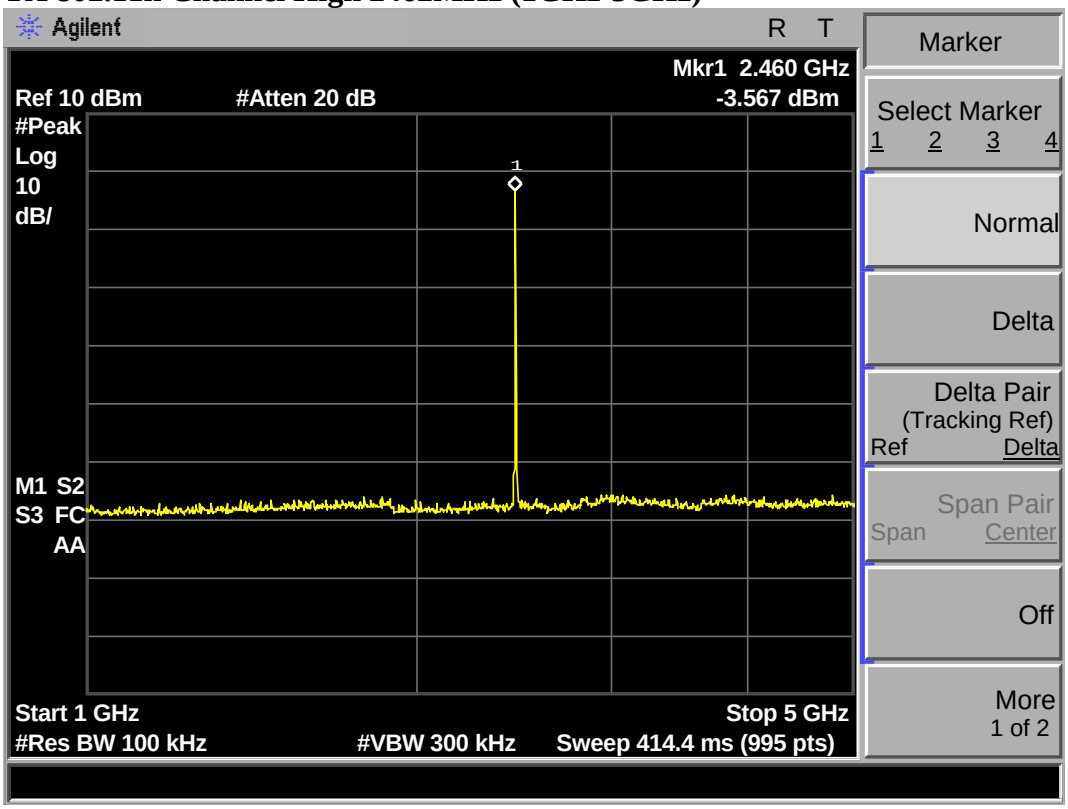
TX 802.11n Channel Middle 2437MHz (20GHz-25GHz)



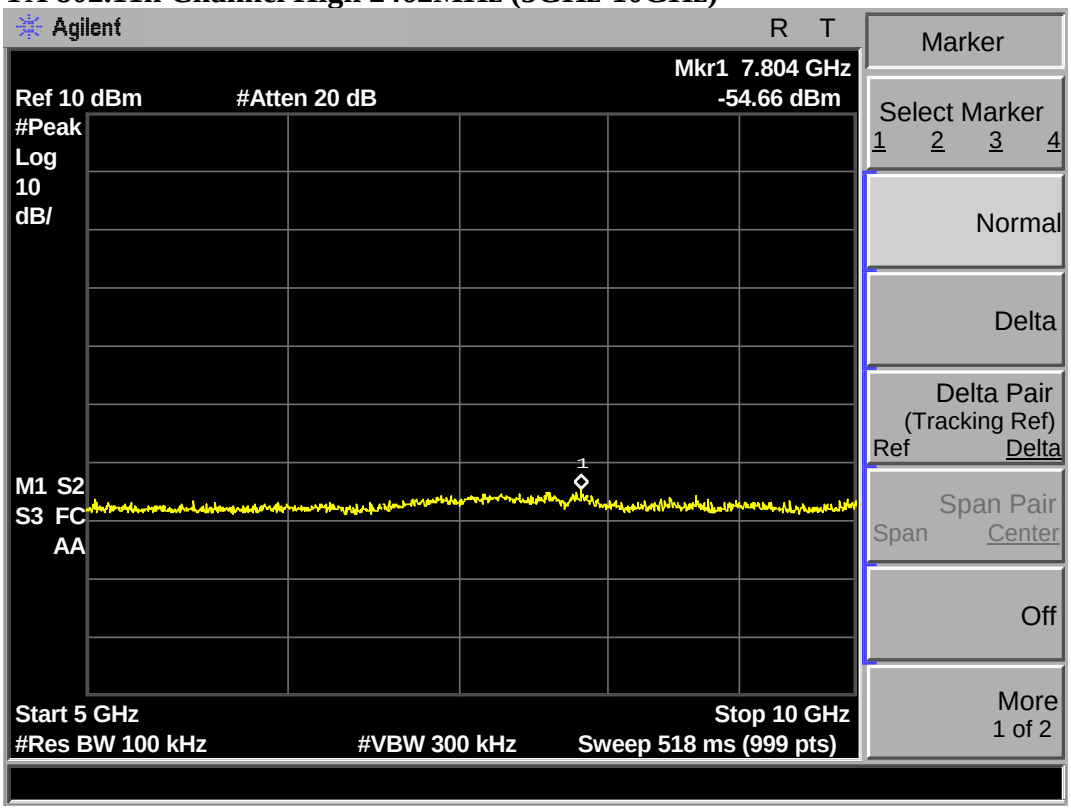
TX 802.11n Channel High 2462MHz (30MHz-1GHz)



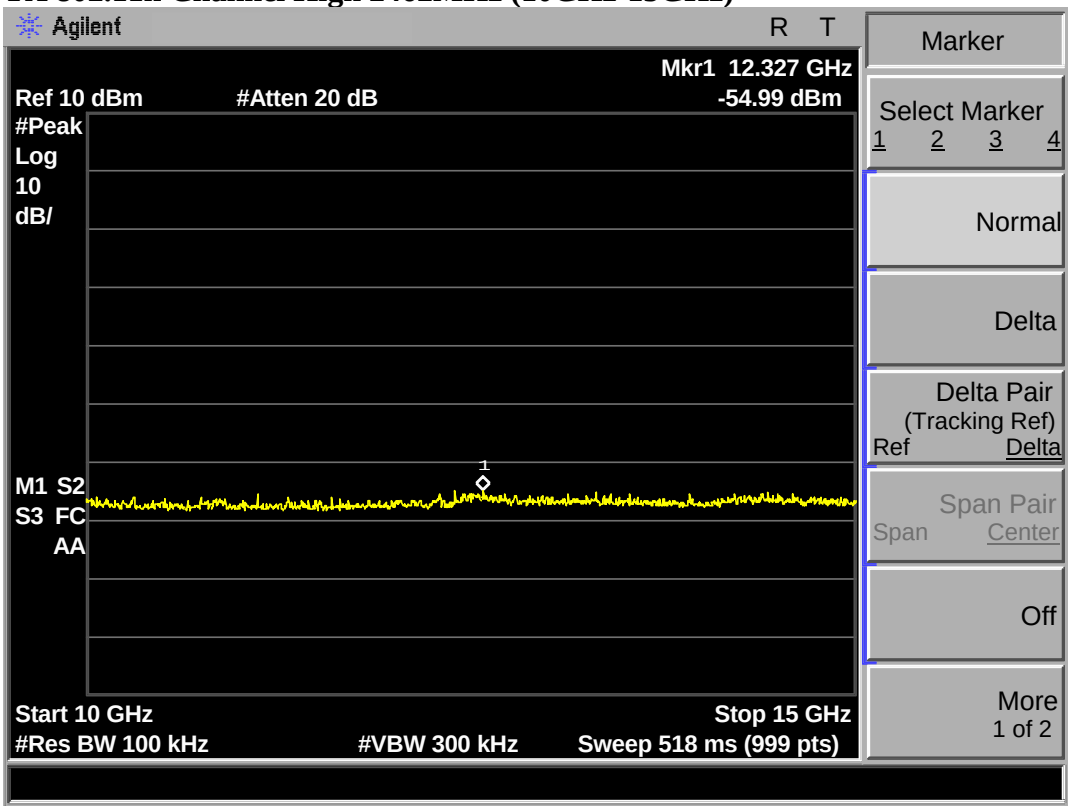
TX 802.11n Channel High 2462MHz (1GHz-5GHz)



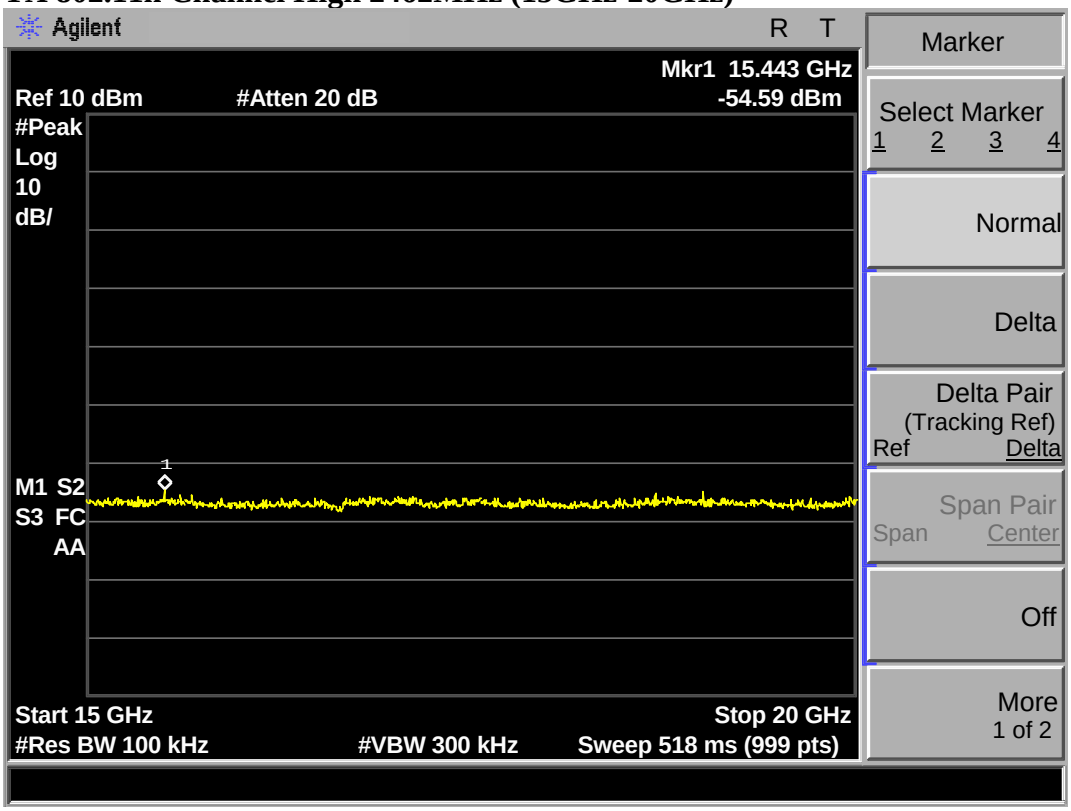
TX 802.11n Channel High 2462MHz (5GHz-10GHz)



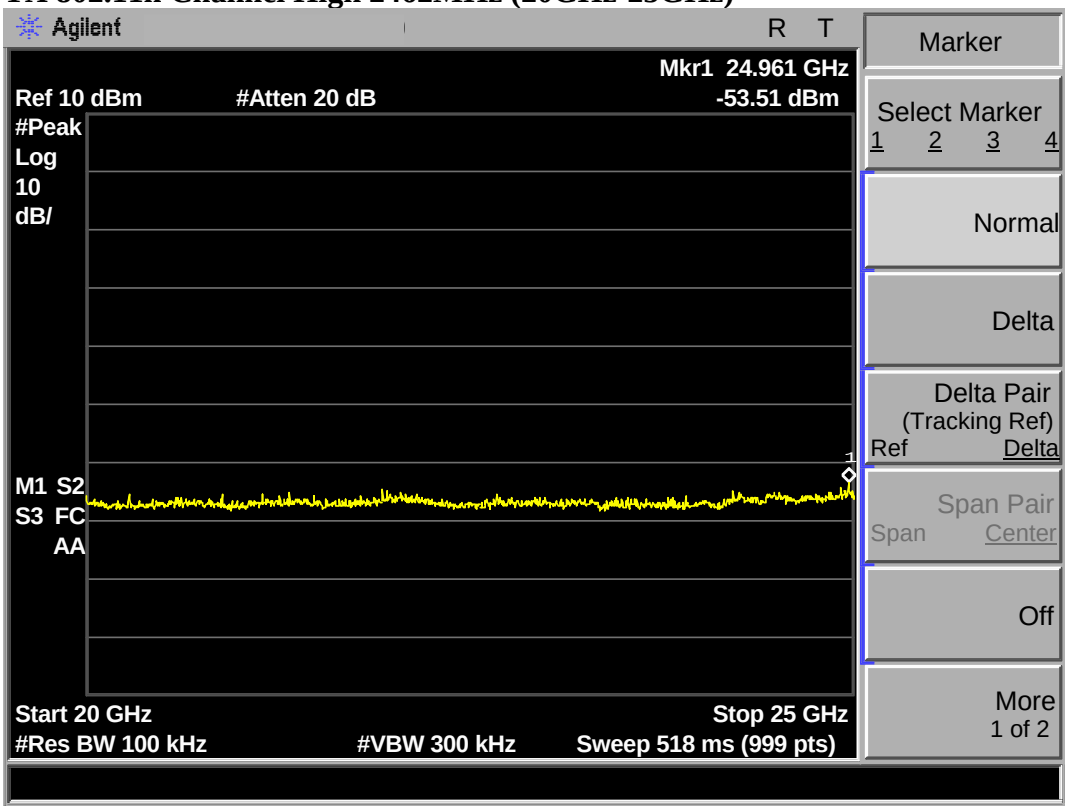
TX 802.11n Channel High 2462MHz (10GHz-15GHz)



TX 802.11n Channel High 2462MHz (15GHz-20GHz)



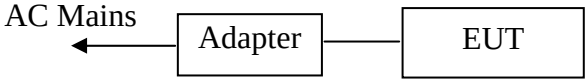
TX 802.11n Channel High 2462MHz (20GHz-25GHz)



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

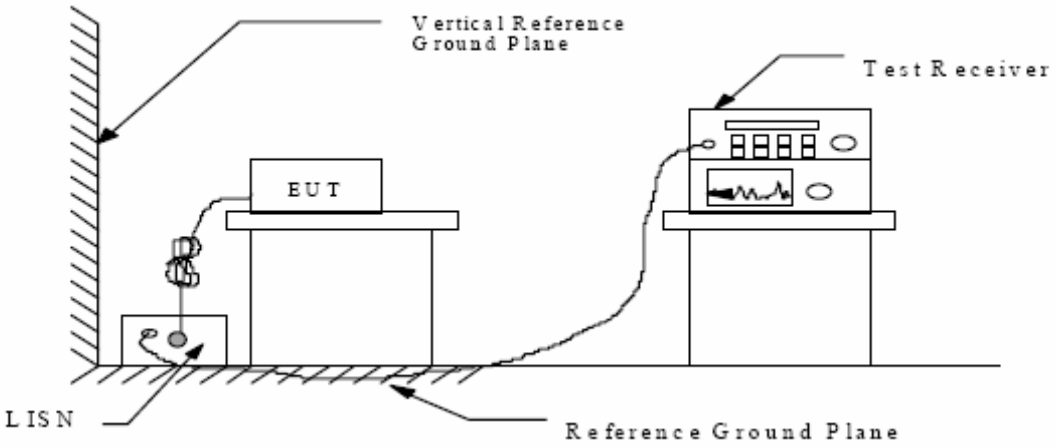
11.1. Block Diagram of Test Setup

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	**:**	M7000XX
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 (802.11b Channel Middle, 802.11g Channel Middle, 802.11n Channel Middle) 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:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11b Channel Middle	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.613500	32.70	56	-23.3	QP	Neutral
1.563000	34.10	56	-21.9	QP	
12.646500	47.00	60	-13.0	QP	
12.574500	42.30	50	-7.7	AV	
12.579000	45.20	50	-4.8	AV	
12.849000	44.20	50	-5.8	AV	
0.613500	32.70	56	-23.3	QP	Live
1.356000	35.30	56	-20.7	QP	
12.763500	47.20	60	-12.8	QP	
1.356000	30.70	46	-15.3	AV	
12.493500	45.80	50	-4.2	AV	
12.768000	47.30	50	-2.7	AV	

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

Date of Test:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11g Channel Middle	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.338664	37.40	59	-21.6	QP	Neutral
0.613892	32.40	56	-23.6	QP	
12.503887	39.90	60	-20.1	QP	
11.966695	42.90	50	-7.1	AV	
12.305810	42.40	50	-7.6	AV	
12.503887	32.80	50	-17.1	AV	
0.337314	37.20	59	-21.8	QP	Live
0.613892	32.60	56	-23.4	QP	
12.705153	47.30	60	-12.7	QP	
11.683472	42.70	50	-7.3	AV	
12.159314	45.00	50	-5.0	AV	
12.705153	46.90	50	-3.1	AV	

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

Date of Test:	December 15, 2011	Temperature:	25°C
EUT:	MID	Humidity:	50%
Model No.:	M7000XX	Power Supply:	AC 120V/60Hz
Test Mode:	TX 802.11n Channel Middle	Test Engineer:	Pei

Frequency (MHz)	Result (dBμV)	Limit (dBμV)	Margin (dB)	Detector	Line
0.611446	34.00	56	-22.0	QP	Neutral
0.882795	31.90	56	-24.1	QP	
12.454071	46.10	60	-13.9	QP	
0.406930	35.50	48	-12.5	AV	
2.107702	30.20	46	-15.8	AV	
12.454071	42.50	50	-7.5	AV	
0.338664	37.30	59	-21.7	QP	Live
4.835277	30.50	56	-25.5	QP	
12.654535	46.50	60	-13.5	QP	
0.406930	35.80	48	-12.2	AV	
3.335693	31.20	46	-14.8	AV	
12.654535	44.70	50	-5.3	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

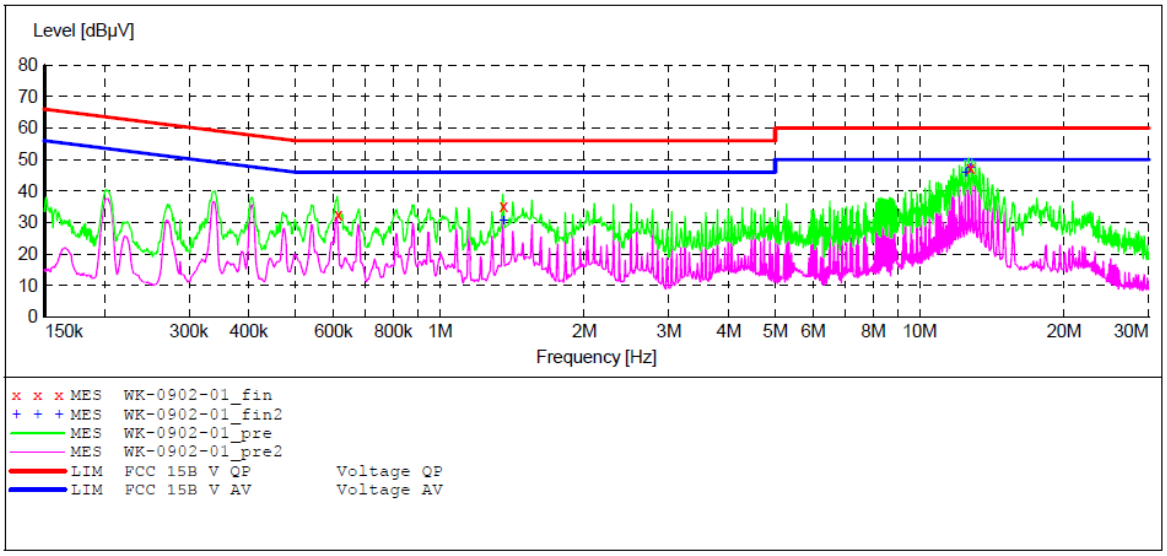
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT:	MID M/N:M7000XX
Manufacturer:	Sungworld
Operating Condition:	TX Channel 6 (802.11b)
Test Site:	1#Shielding Room
Operator:	Kai
Test Specification:	L 120V/60Hz
Comment:	Mains port
	Report No.:ATE20112629

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: "WK-0902-01_fin"

12/15/2011 10:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.613500	32.70	12.0	56	23.3	QP	L1	GND
1.356000	35.30	11.8	56	20.7	QP	L1	GND
12.763500	47.20	11.2	60	12.8	QP	L1	GND

MEASUREMENT RESULT: "WK-0902-01_fin2"

12/15/2011 10:16AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
1.356000	30.70	11.8	46	15.3	AV	L1	GND
12.493500	45.80	11.2	50	4.2	AV	L1	GND
12.768000	47.30	11.2	50	2.7	AV	L1	GND

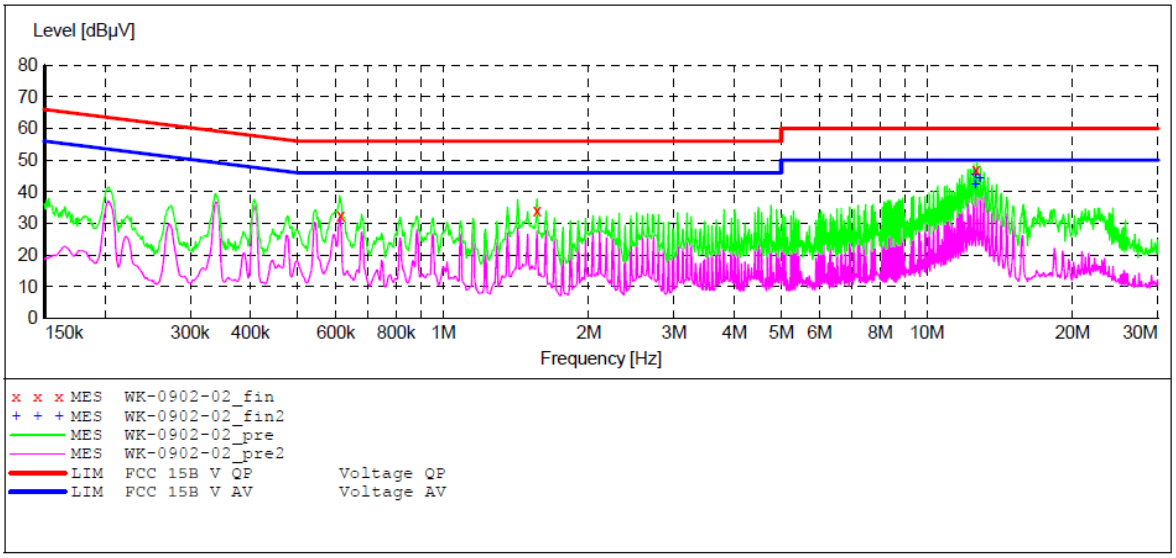
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                  MID    M/N:M7000XX
Manufacturer:         Sungworld
Operating Condition:  TX Channel 6 (802.11b)
Test Site:            1#Shielding Room
Operator:             Kai
Test Specification:   N 120V/60Hz
Comment:              Mains port
                      Report No.:ATE20112629
```

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

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



MEASUREMENT RESULT: "WK-0902-02_fin"

12/15/2011 10:23AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.613500	32.70	12.0	56	23.3	QP	N	GND
1.563000	34.10	11.7	56	21.9	QP	N	GND
12.646500	47.00	11.2	60	13.0	QP	N	GND

MEASUREMENT RESULT: "WK-0902-02_fin2"

12/15/2011 10:23AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
12.574500	42.30	11.2	50	7.7	AV	N	GND
12.579000	45.20	11.2	50	4.8	AV	N	GND
12.849000	44.20	11.2	50	5.8	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

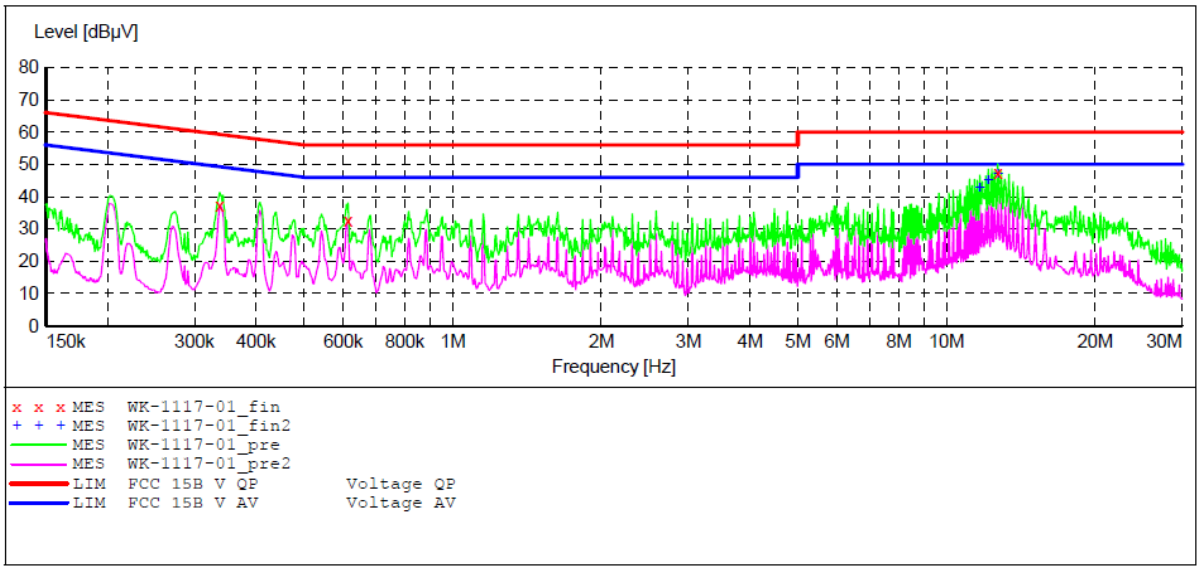
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: MID M/N:M7000XX
Manufacturer: Sungworld
Operating Condition: TX Channel 6 (802.11g)
Test Site: 1#Shielding Room
Operator: Kai
Test Specification: L 120V/60Hz
Comment: Mains port
Report No.:ATE20112629

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: "WK-1117-01_fin"

12/15/2011 9:49AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.337314	37.20	11.7	59	21.8	QP	L1	GND
0.613892	32.60	11.9	56	23.4	QP	L1	GND
12.705153	47.30	11.2	60	12.7	QP	L1	GND

MEASUREMENT RESULT: "WK-1117-01_fin2"

12/15/2011 9:49AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
11.683472	42.70	11.2	50	7.3	AV	L1	GND
12.159314	45.00	11.2	50	5.0	AV	L1	GND
12.705153	46.90	11.2	50	3.1	AV	L1	GND

ACCURATE TECHNOLOGY CO.,LTD

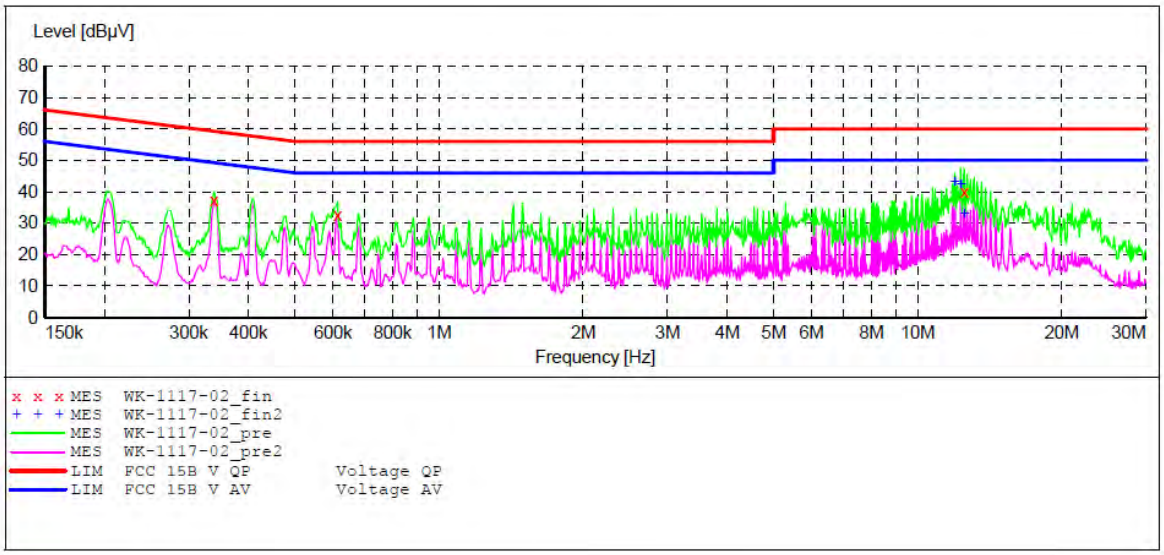
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: MID M/N:M7000XX
Manufacturer: Sungworld
Operating Condition: TX Channel 6 (802.11g)
Test Site: 1#Shielding Room
Operator: Kai
Test Specification: N 120V/60Hz
Comment: Mains port
Report No.:ATE20112629

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: "WK-1117-02_fin"

12/15/2011 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.338664	37.40	11.7	59	21.6	QP	N	GND
0.613892	32.40	11.9	56	23.6	QP	N	GND
12.503887	39.90	11.2	60	20.1	QP	N	GND

MEASUREMENT RESULT: "WK-1117-02_fin2"

12/15/2011 9:52AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
11.966695	42.90	11.2	50	7.1	AV	N	GND
12.305810	42.40	11.2	50	7.6	AV	N	GND
12.503887	32.90	11.2	50	17.1	AV	N	GND

ACCURATE TECHNOLOGY CO.,LTD

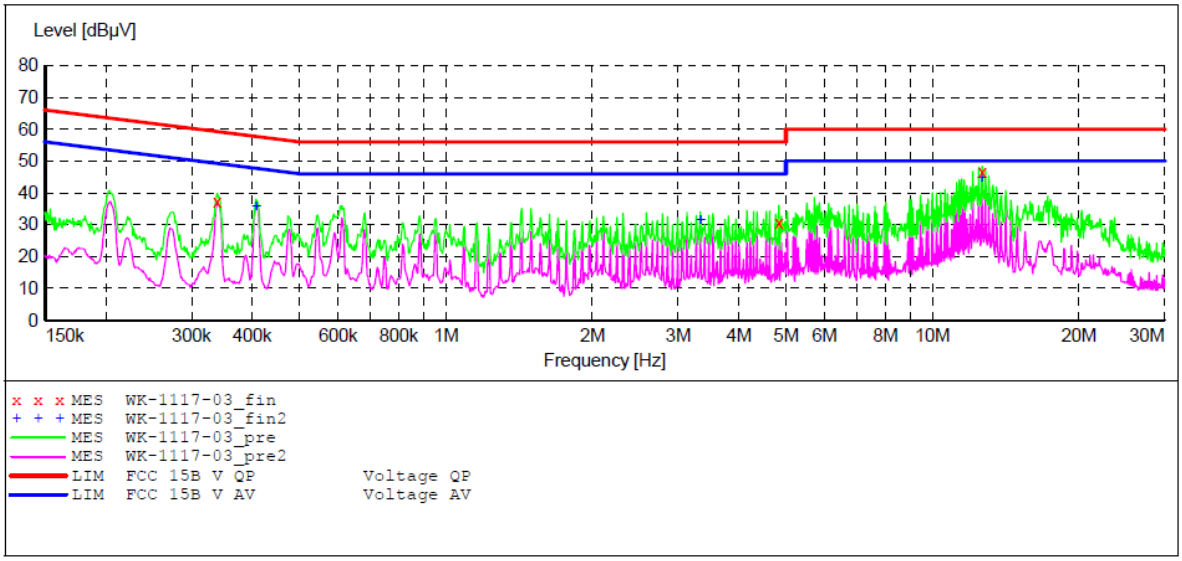
CONDUCTED EMISSION STANDARD FCC PART 15 B

EUT: MID M/N:M7000XX
Manufacturer: Sungworld
Operating Condition: TX Channel 6 (802.11n)
Test Site: 1#Shielding Room
Operator: Kai
Test Specification: L 120V/60Hz
Comment: Mains port
Report No.:ATE20112629

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: "WK-1117-03_fin"

12/15/2011 10:56AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.338664	37.30	11.7	59	21.7	QP	L1	GND
4.835277	30.50	11.4	56	25.5	QP	L1	GND
12.654535	46.50	11.2	60	13.5	QP	L1	GND

MEASUREMENT RESULT: "WK-1117-03_fin2"

12/15/2011 10:56AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.406930	35.80	11.8	48	12.2	AV	L1	GND
3.335693	31.20	11.5	46	14.8	AV	L1	GND
12.654535	44.70	11.2	50	5.3	AV	L1	GND

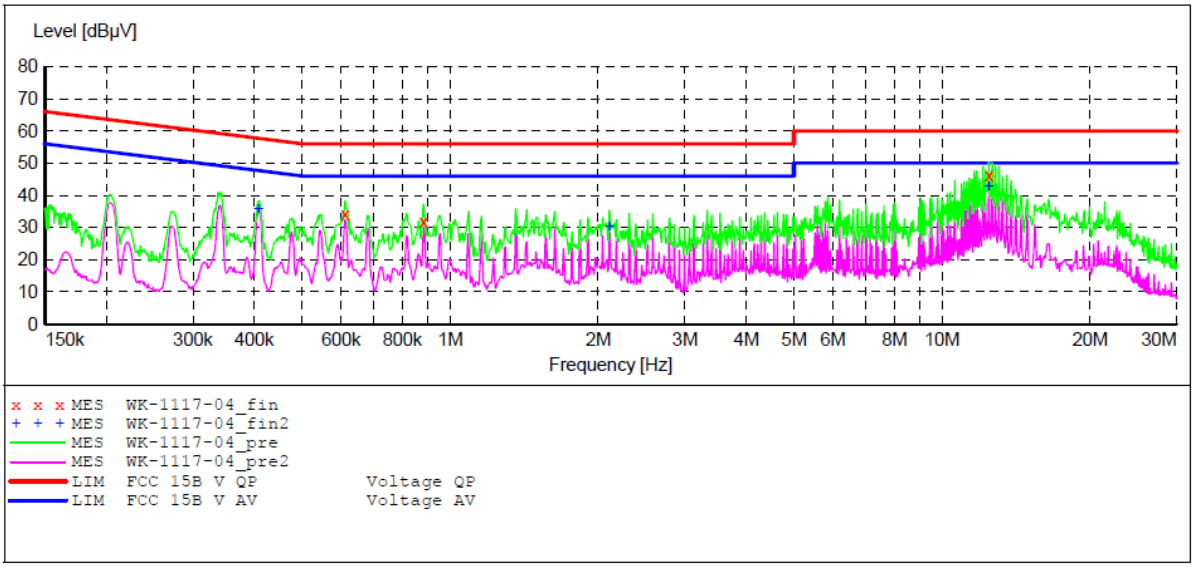
ACCURATE TECHNOLOGY CO.,LTD

CONDUCTED EMISSION STANDARD FCC PART 15 B

```
EUT:                    MID    M/N:M7000XX
Manufacturer:           Sungworld
Operating Condition:    TX Channel 6 (802.11n)
Test Site:              1#Shielding Room
Operator:               Kai
Test Specification:     N 120V/60Hz
Comment:                Mains port
                        Report No.:ATE20112629
```

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

```
  Short Description:            SUB STD VTERM2 1.70
  Start      Stop       Step      Detector  Meas.     IF       Transducer
  Frequency  Frequency  Width               Time      Bandw.
  150.0 kHz  30.0 MHz   0.8 %     QuasiPeak 1.0 s     9 kHz    NSLK8126 2008
                                  Average
```



MEASUREMENT RESULT: "WK-1117-04_fin"

12/15/2011 11:00AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.611446	34.00	12.0	56	22.0	QP	N	GND
0.882795	31.90	11.9	56	24.1	QP	N	GND
12.454071	46.10	11.2	60	13.9	QP	N	GND

MEASUREMENT RESULT: "WK-1117-04_fin2"

12/15/2011 11:00AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.406930	35.50	11.8	48	12.5	AV	N	GND
2.107702	30.20	11.6	46	15.8	AV	N	GND
12.454071	42.50	11.2	50	7.5	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.