

APPLICATION CERTIFICATION FCC Part 15C

On Behalf of
Superinworld Technology Co., Ltd

7 Inch Tablet PC/MID
Model No.:SM708

FCC ID: Q6I-SM708

Prepared for : Superinworld Technology Co., Ltd
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Report Number : ATE20122379
Date of Test : Oct 16- Oct 22 , 2012
Date of Report : Oct 22, 2012

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Test Report Certification

Applicant : Superinworld Technology Co., Ltd
Manufacturer : Superinworld Technology Co., Ltd
EUT Description : 7 Inch Tablet PC/MID
(A) MODEL NO.: SM708
(B) SERIAL NO.: N/A
(C) POWER SUPPLY: DC 3.7V (Li-polymer battery) & AC 120V/60Hz
(Adapter input)

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart C Section 15.247

ANSI C63.4: 2009

KDB 558074 D01 DTS Meas Guidance v02

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 : Oct16- 22, 2012

Prepared by :



(Engineer)

Approved & Authorized Signer :



(Manager)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

EUT	:	7 Inch Tablet PC/MID
Model Number	:	SM708
Frequency Range	:	802.11b/g/n(20MHz): 2412-2462MHz 802.11n(40MHz): 2422-2452MHz
Number of Channels	:	802.11b/g/n (20MHz):11 802.11n (40MHz): 7
Antenna Gain	:	2.5dBi
Power Supply	:	DC 3.7V (Li-polymer battery) & AC 120V/60Hz (Adapter input)
Adapter	:	Model number: WYT-00502000 Input: 100-240V AC 50/60Hz 0.3A Output: DC 5V; 2000mA
Data Rate	:	802.11b: 11, 5.5, 2, 1 Mbps 802.11g: 54, 48, 36, 24, 18, 12, 9, 6 Mbps 802.11n: up to 150Mbps
Applicant	:	Superinworld Technology Co., Ltd
Address	:	Room 1107-1109 Jueshi Building, Jiabin Road, Luohu District, Shenzhen City, Guangdong Province, China
Manufacturer	:	Superinworld Technology Co., Ltd
Address	:	Room 1107-1109 Jueshi Building, Jiabin Road, Luohu District, Shenzhen City, Guangdong Province, China
Date of sample received	:	Oct 16, 2012
Date of Test	:	Oct 16-Aug 22, 2012

1.2.Carrier Frequency of Channels

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

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

802.11n (40MHz)

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

1.3.Special Accessory and Auxiliary Equipment

N/A

1.4. 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

1.5. Measurement Uncertainty

Conducted Emission Expanded Uncertainty = 2.23dB, k=2

Radiated emission expanded uncertainty = 3.08dB, k=2
(9kHz-30MHz)

Radiated emission expanded uncertainty = 4.42dB, k=2
(30MHz-1000MHz)

Radiated emission expanded uncertainty = 4.06dB, k=2
(Above 1GHz)

2. MEASURING DEVICE AND TEST EQUIPMENT

Table 1: List of Test and Measurement Equipment

Kind of equipment	Manufacturer	Type	S/N	Calibrated dates	Calibrated until
EMI Test Receiver	Rohde&Schwarz	ESCS30	100307	Jan. 8, 2012	Jan. 7, 2013
EMI Test Receiver	Rohde&Schwarz	ESPI3	101526/003	Jan. 8, 2012	Jan. 7, 2013
Spectrum Analyzer	Agilent	E7405A	MY45115511	Jan. 8, 2012	Jan. 7, 2013
Pre-Amplifier	Rohde&Schwarz	CBLU118354 0-01	3791	Jan. 8, 2012	Jan. 7, 2013
Loop Antenna	Schwarzbeck	FMZB1516	1516131	Jan. 8, 2012	Jan. 7, 2013
Bilog Antenna	Schwarzbeck	VULB9163	9163-323	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9120D	9120D-655	Jan. 8, 2012	Jan. 7, 2013
Horn Antenna	Schwarzbeck	BBHA9170	9170-359	Jan. 8, 2012	Jan. 7, 2013
LISN	Rohde&Schwarz	ESH3-Z5	100305	Jan. 8, 2012	Jan. 7, 2013
LISN	Schwarzbeck	NSLK8126	8126431	Jan. 8, 2012	Jan. 7, 2013

3. OPERATION OF EUT DURING TESTING

3.1.Operating Mode

The mode is used: **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 (20MHz) Transmitting mode

Low Channel: 2412MHz

Middle Channel: 2437MHz

High Channel: 2462MHz

802.11n (40MHz) Transmitting mode

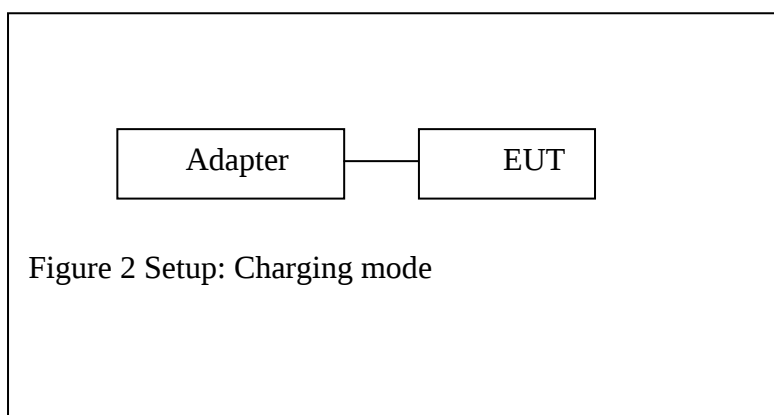
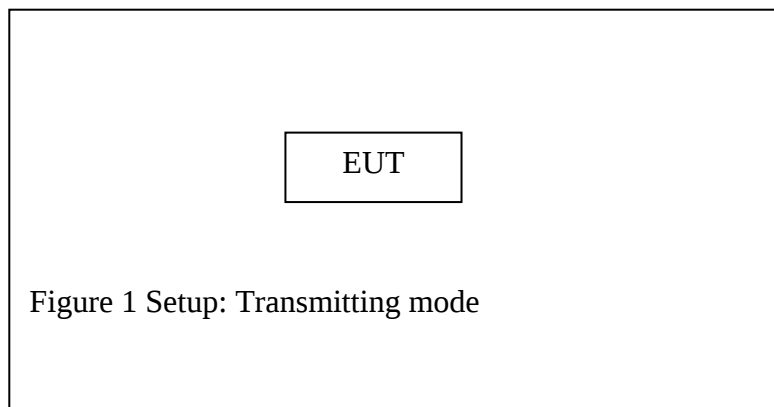
Low Channel: 2422MHz

Middle Channel: 2437MHz

High Channel: 2452MHz

Charging

3.2.Configuration and peripherals



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: 7 Inch Tablet PC/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 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.

5.3.1. 7 Inch Tablet PC/MID (EUT)

Model Number	:	SM708
Serial Number	:	N/A
Manufacturer	:	Superinworld Technology Co., Ltd

5.4. Operating Condition of EUT

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

5.4.2. Turn on the power of all equipment.

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

5.5. Test Procedure

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

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

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:	Oct 24-27, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Ricky

The test was performed with 802.11b

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	10.20	> 0.5MHz
Middle	2437	10.20	> 0.5MHz
High	2462	10.20	> 0.5MHz

The test was performed with 802.11g

Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	16.48	> 0.5MHz
Middle	2437	16.48	> 0.5MHz
High	2462	16.44	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 20 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2412	17.64	> 0.5MHz
Middle	2437	17.64	> 0.5MHz
High	2462	17.64	> 0.5MHz

The test was performed with 802.11n (Bandwidth: 40 MHz)			
Channel	Frequency (MHz)	6dB Bandwidth (MHz)	Limit (MHz)
Low	2422	35.98	> 0.5MHz
Middle	2437	35.92	> 0.5MHz
High	2452	35.92	> 0.5MHz

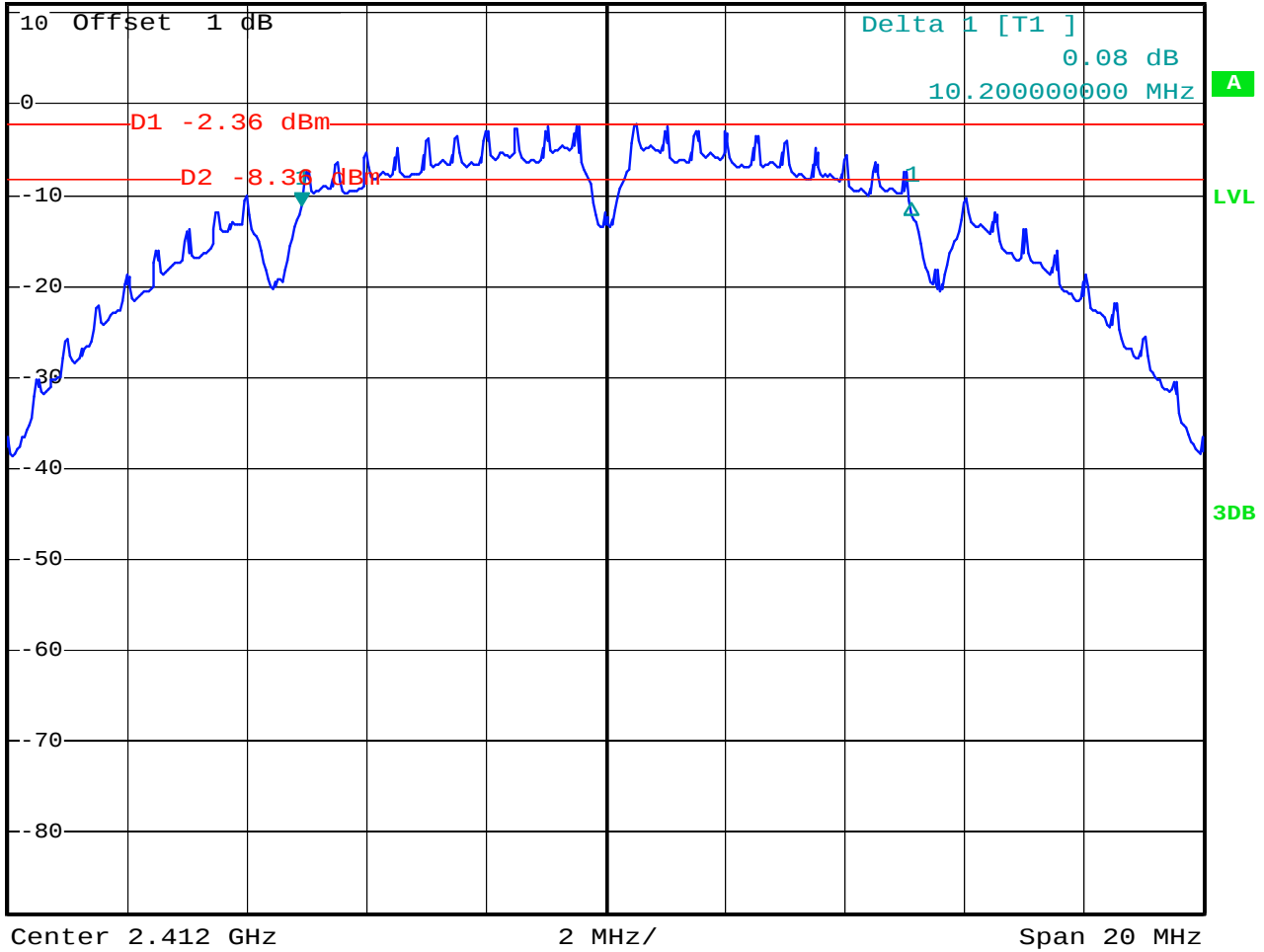
The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



1 PK
MAXH

Ref 11 dBm *Att 20 dB *RBW 100 kHz Marker 1 [T1] -11.11 dBm
SWT 2.5 ms 2.406920000 GHz

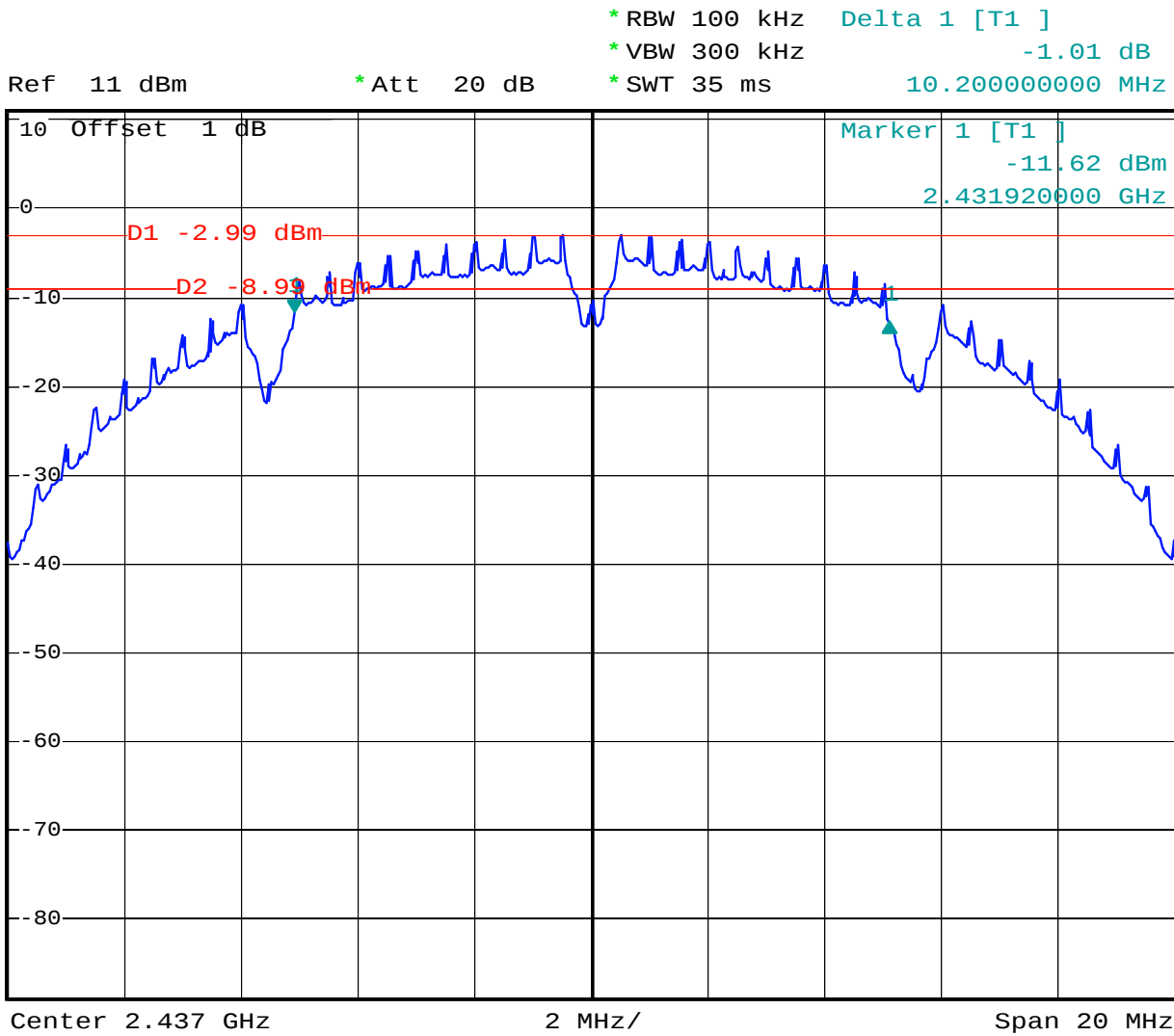


Date: 24.OCT.2012 10:02:05

802.11b Channel Middle 2437MHz



1 PK
MAXH



Date: 24.OCT.2012 10:15:06

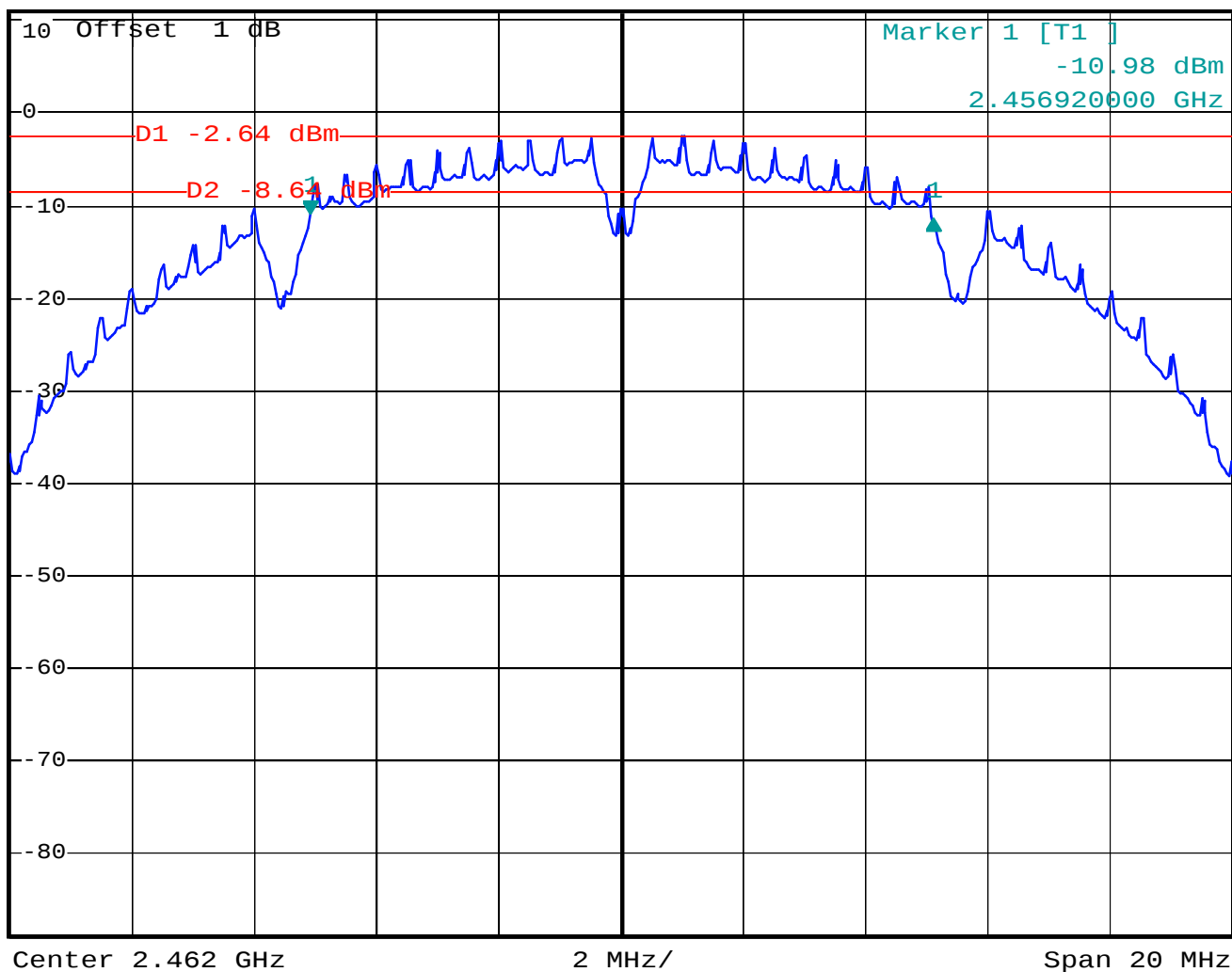
802.11b Channel High 2462MHz



* RBW 100 kHz Delta 1 [T1]
 * VBW 300 kHz -0.41 dB
 SWT 2.5 ms 10.200000000 MHz

Ref 11 dBm

* Att 20 dB



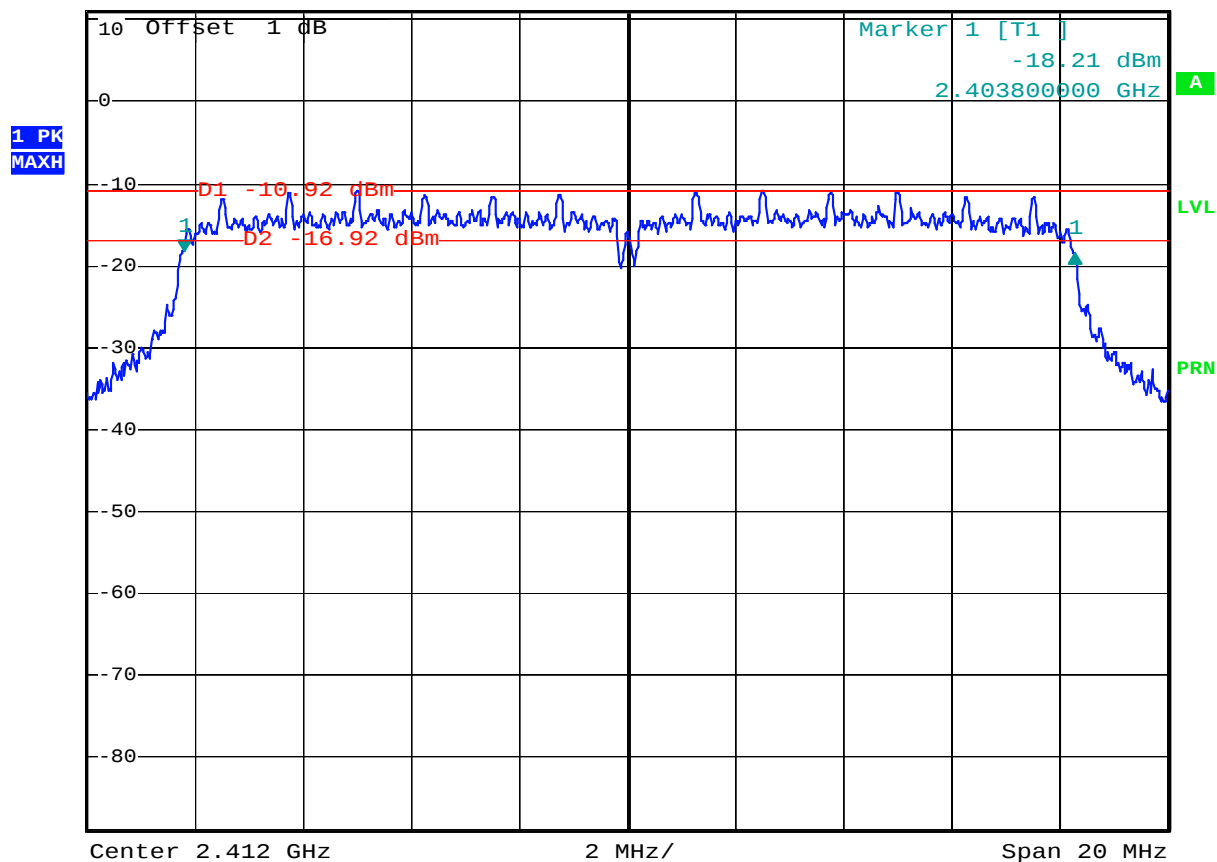
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Date: 27.OCT.2012 10:17:32

802.11g Channel Low 2412MHz

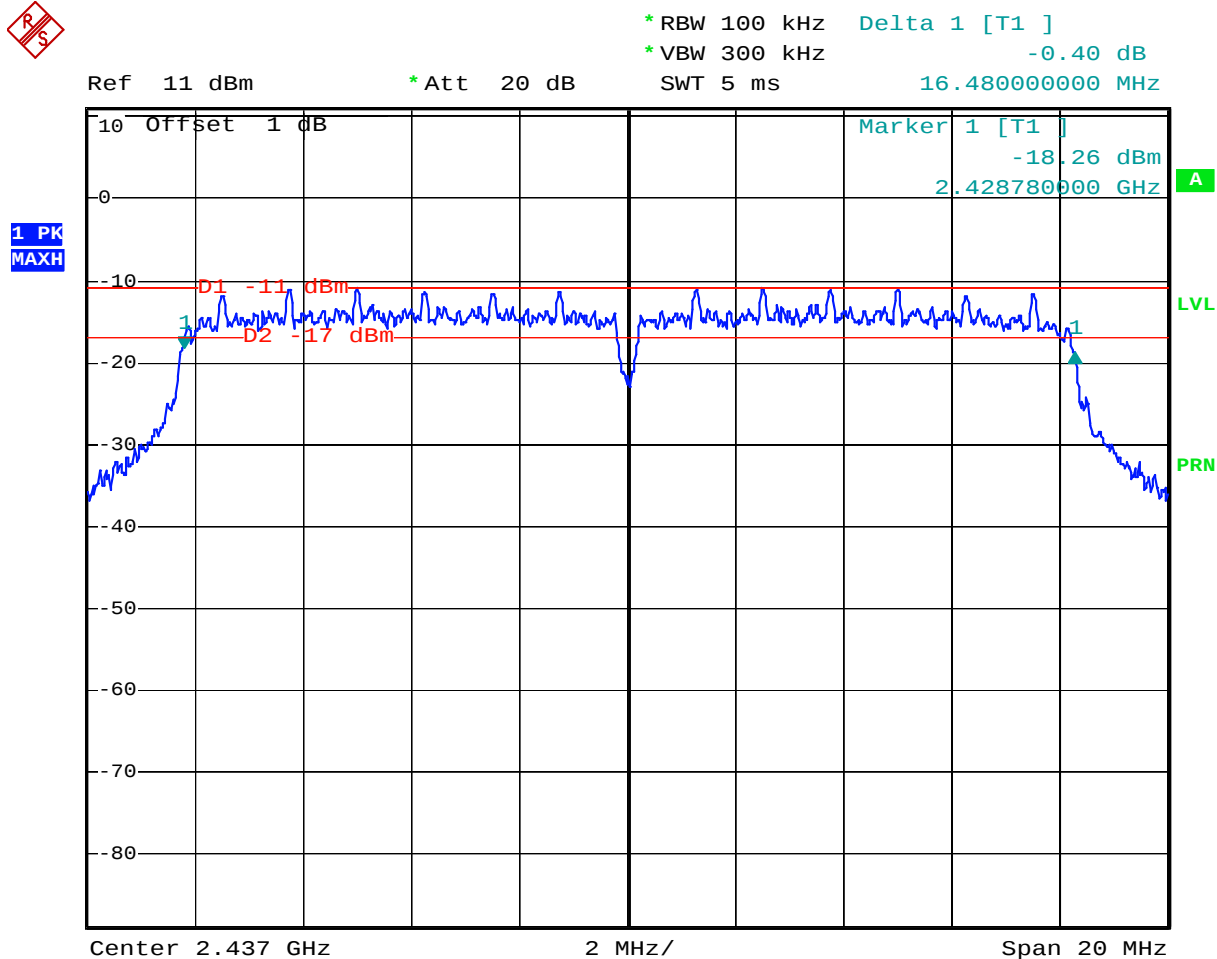


* RBW 100 kHz Delta 1 [T1]
 * VBW 300 kHz -0.35 dB
 Ref 11 dBm * Att 20 dB SWT 5 ms 16.480000000 MHz



Comment A:
 Date: 27.OCT.2012 10:24:15

802.11g Channel Middle 2437MHz



Comment A:

Date: 27.OCT.2012 10:33:08

802.11g Channel High 2462MHz

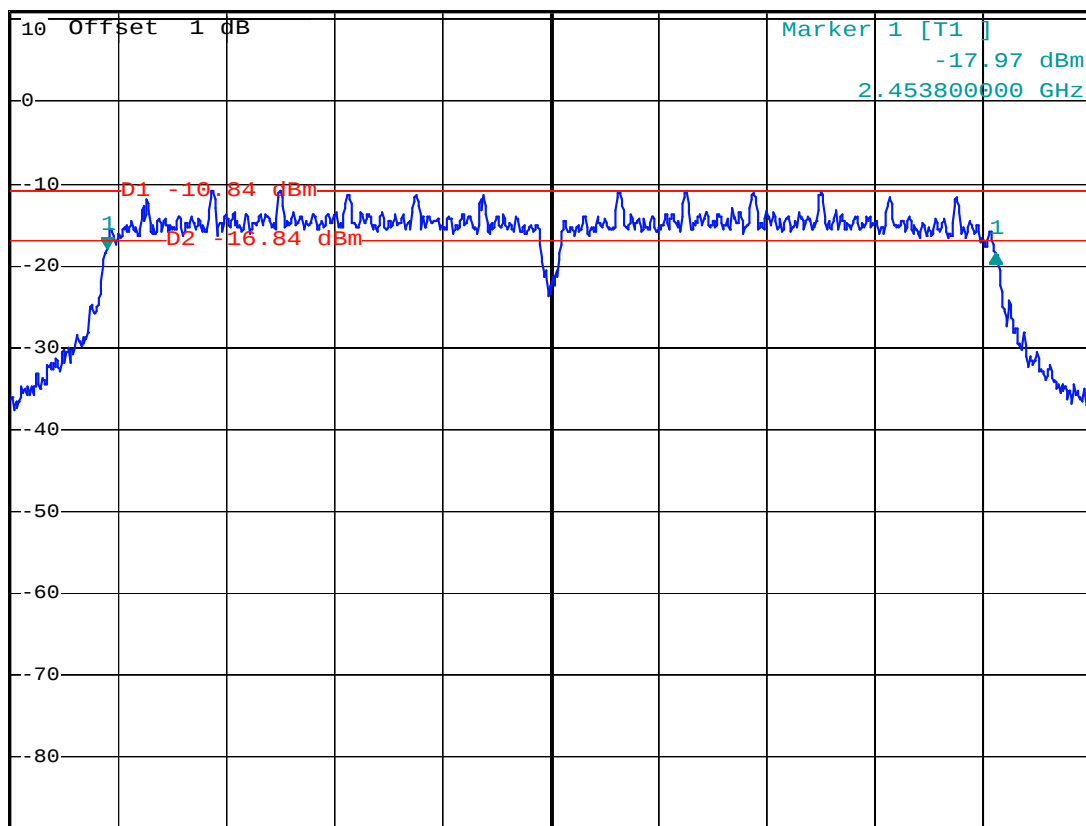


* RBW 100 kHz Delta 1 [T1]
 * VBW 300 kHz -0.46 dB
 SWT 5 ms 16.440000000 MHz

Ref 11 dBm

* Att 20 dB

1 PK
MAXH



Center 2.462 GHz

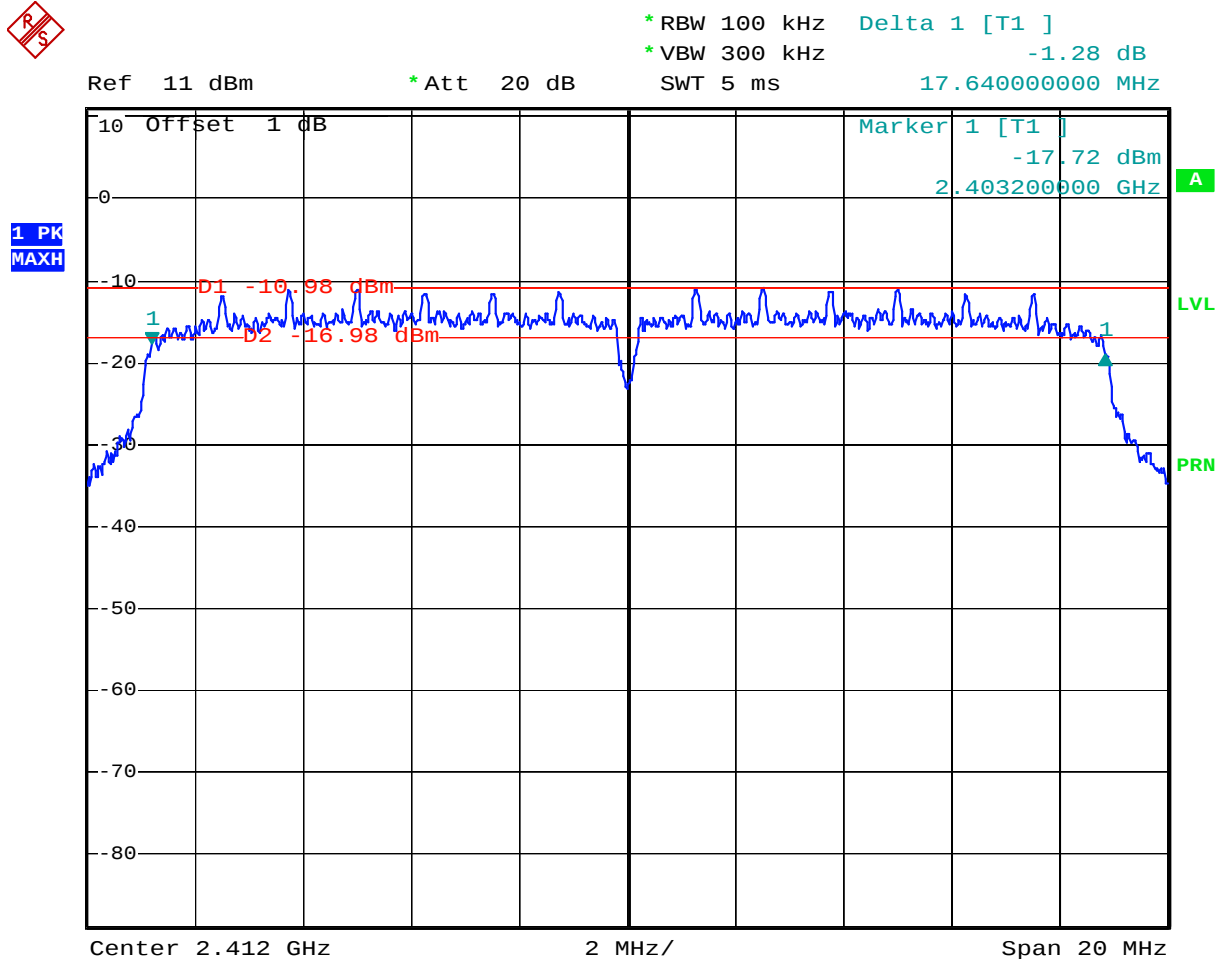
2 MHz/

Span 20 MHz

Comment A:

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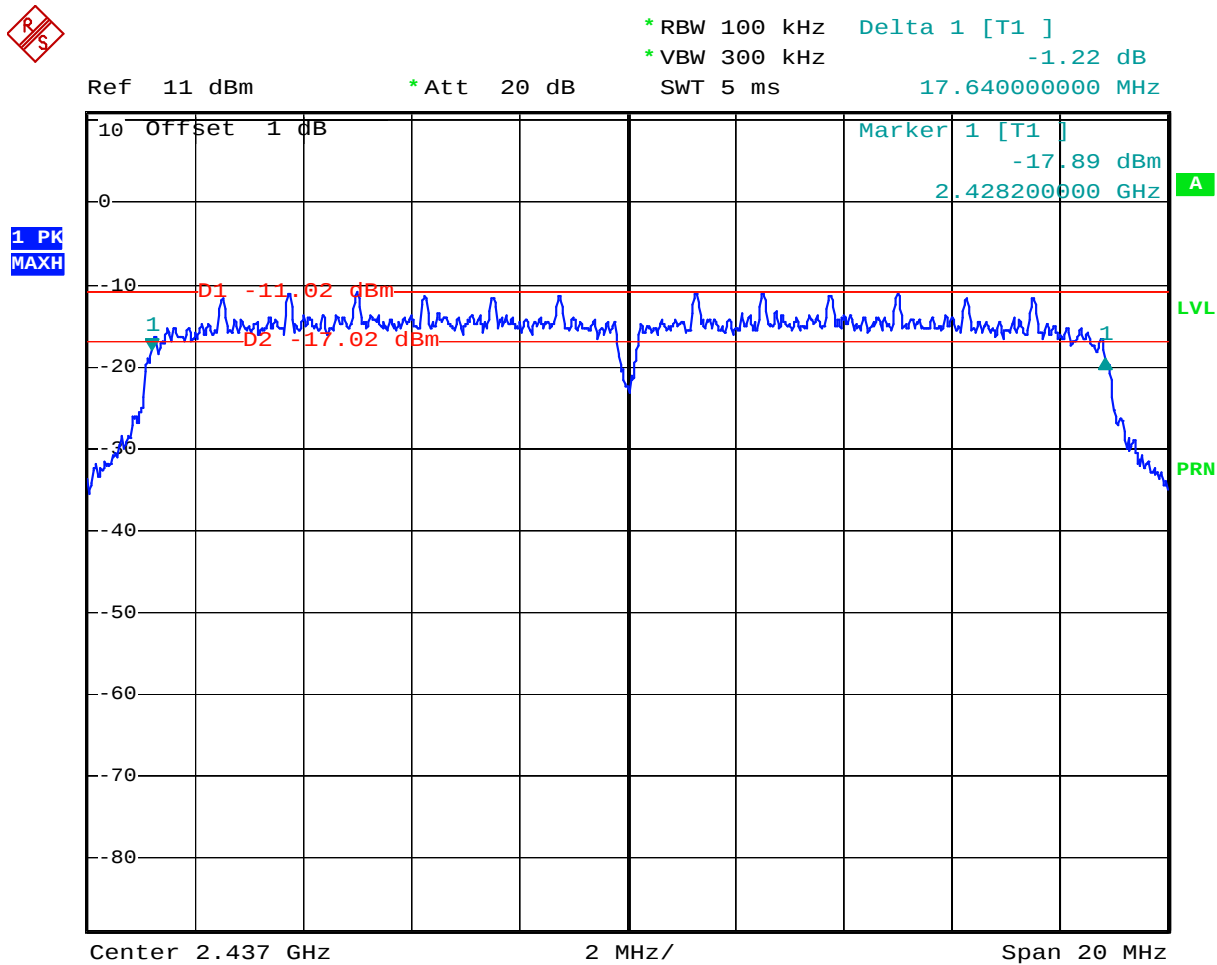
802.11n Channel Low 2412MHz (20MHz)



Comment A:

Date: 27.OCT.2012 10:49:46

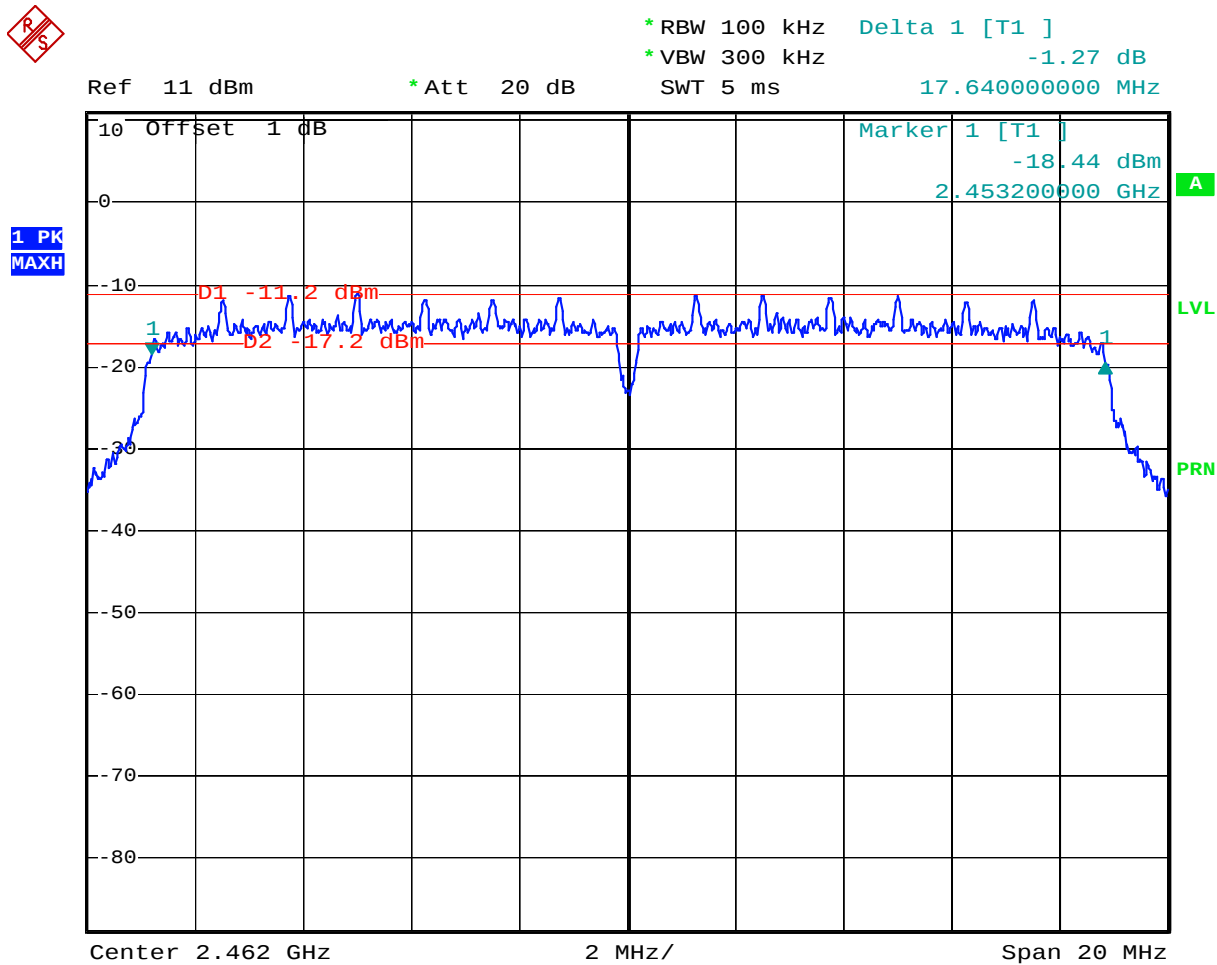
802.11n Channel Middle 2437MHz (20MHz)



Comment A:

Date: 27.OCT.2012 11:00:57

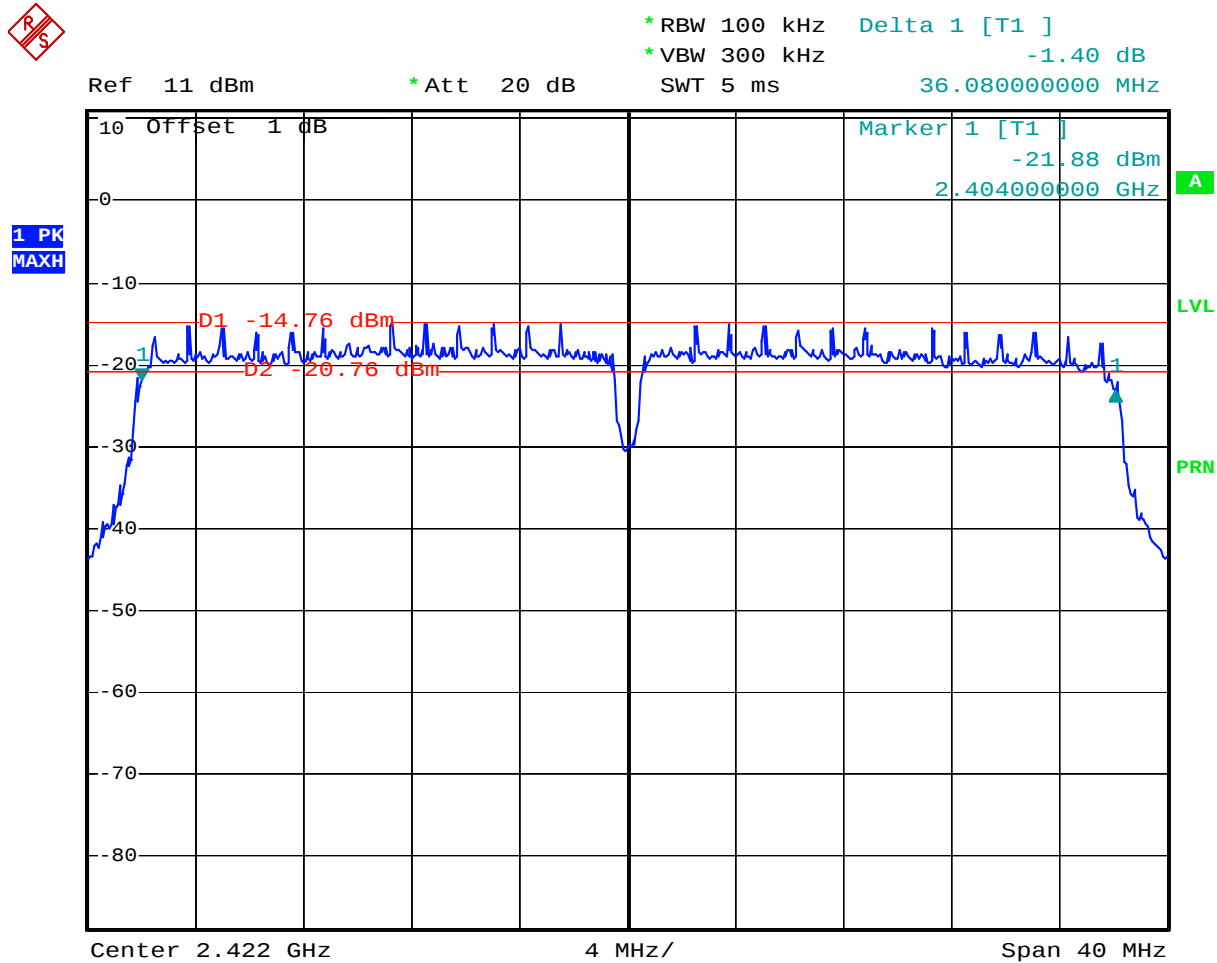
802.11n Channel High 2462MHz (20MHz)



Comment A:

Date: 27.OCT.2012 11:04:47

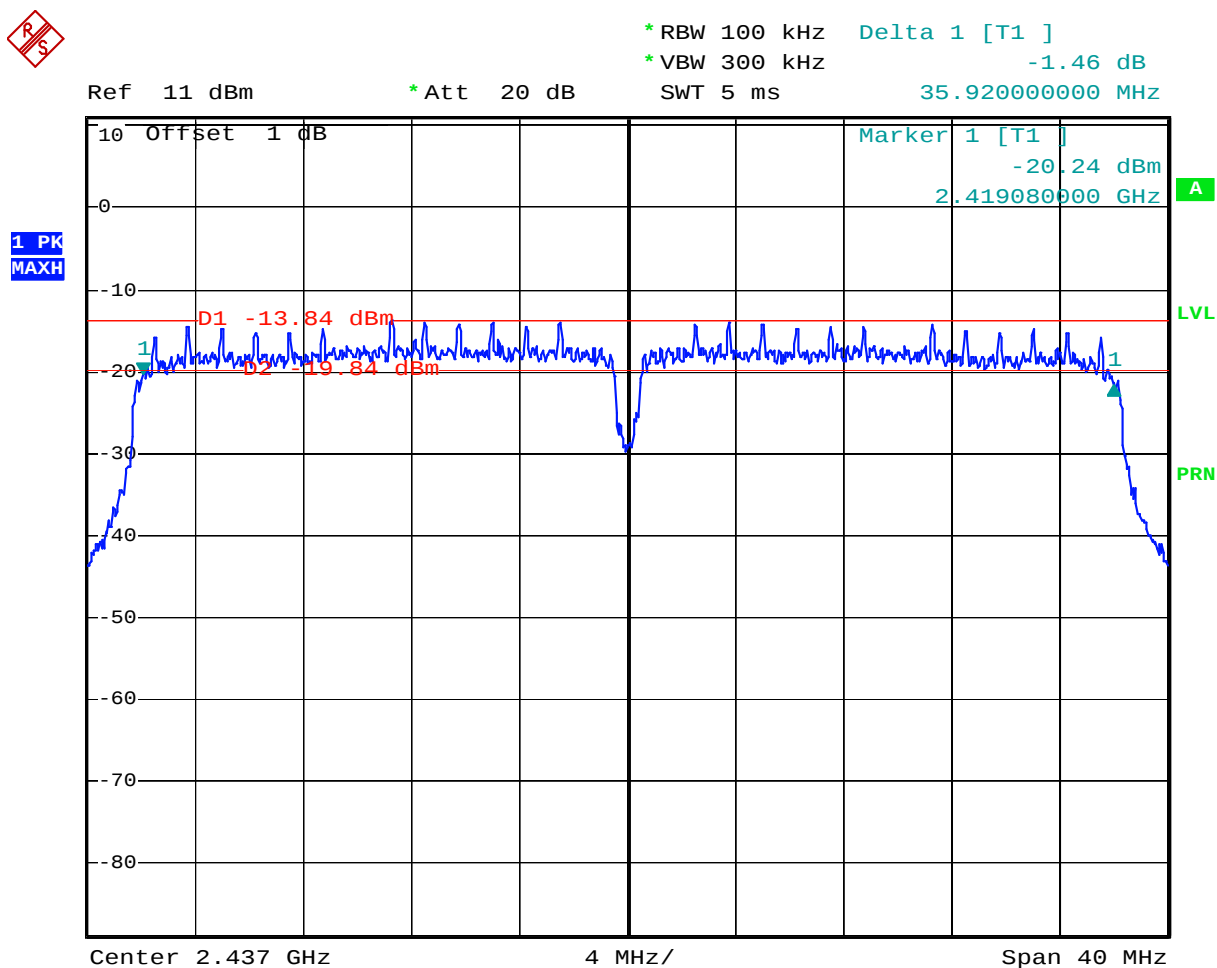
802.11n Channel Low 2422MHz (40MHz)



Comment A:

Date: 30.OCT.2012 08:51:20

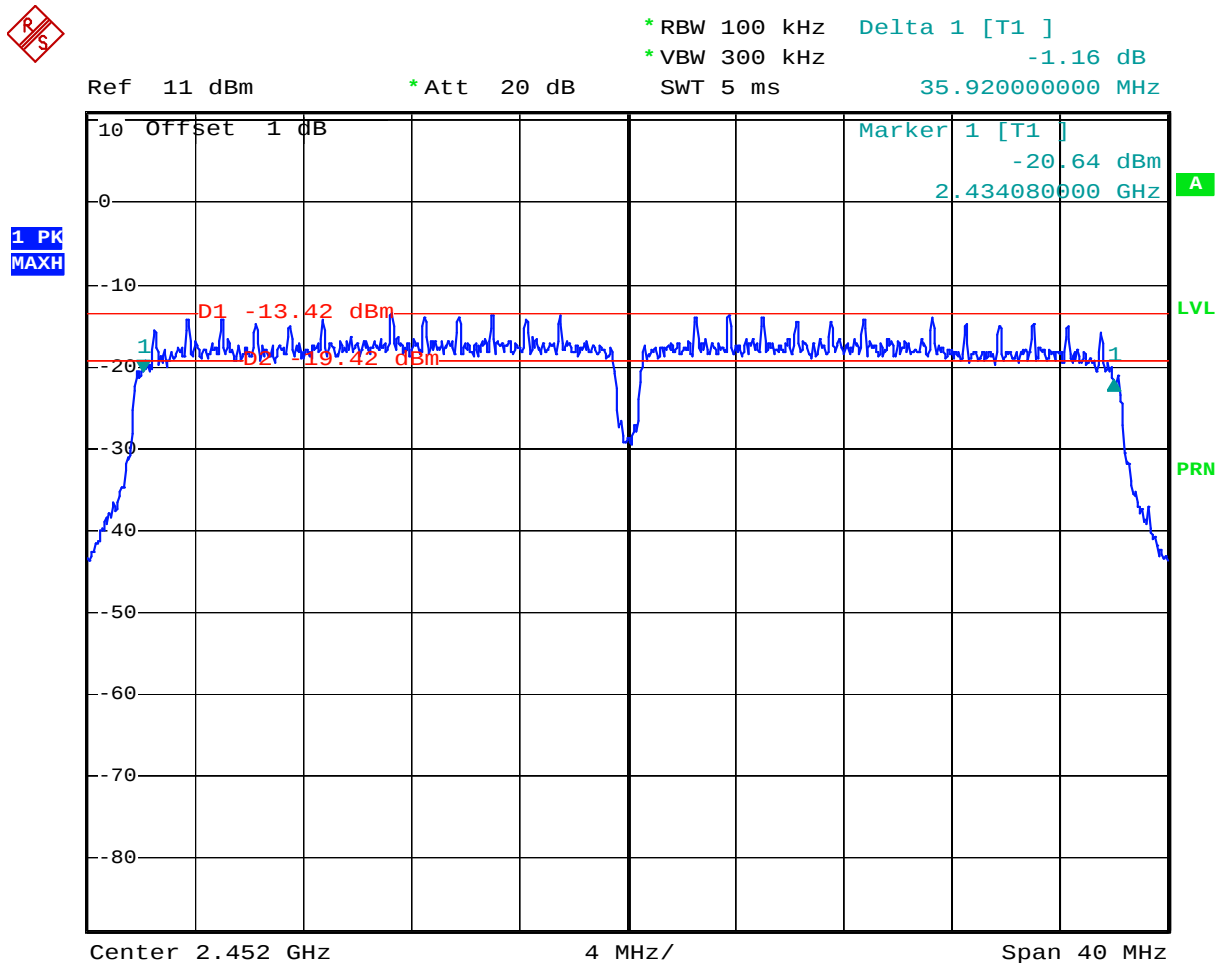
802.11n Channel Middle 2437MHz (40MHz)



Comment A:

Date: 27.OCT.2012 11:15:15

802.11n Channel High 2452MHz (40MHz)



Comment A:

Date: 27.OCT.2012 11:25:34

6. MAXIMUM PEAK OUTPUT POWER

6.1. Block Diagram of Test Setup



(EUT: 7 Inch Tablet PC/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. 7 Inch Tablet PC/MID (EUT)

Model Number	:	SM708
Serial Number	:	N/A
Manufacturer	:	Superinworld Technology Co., Ltd

6.4. Operating Condition of EUT

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

6.4.2. Turn on the power of all equipment.

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

6.5. Test Procedure

6.5.1. The 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:	<u>Oct 27, 2012</u>	Temperature:	<u>25°C</u>
EUT:	<u>7 Inch Tablet PC/MID</u>	Humidity:	<u>50%</u>
Model No.:	<u>SM708</u>	Power Supply:	<u>AC 120V/60HZ</u>
Test Mode:	<u>TX</u>	Test Engineer:	<u>Ricky</u>

The test was performed with 802.11b				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.51	8.93	30 dBm / 1 W
Middle	2437	9.60	9.12	30 dBm / 1 W
High	2462	9.64	9.20	30 dBm / 1 W

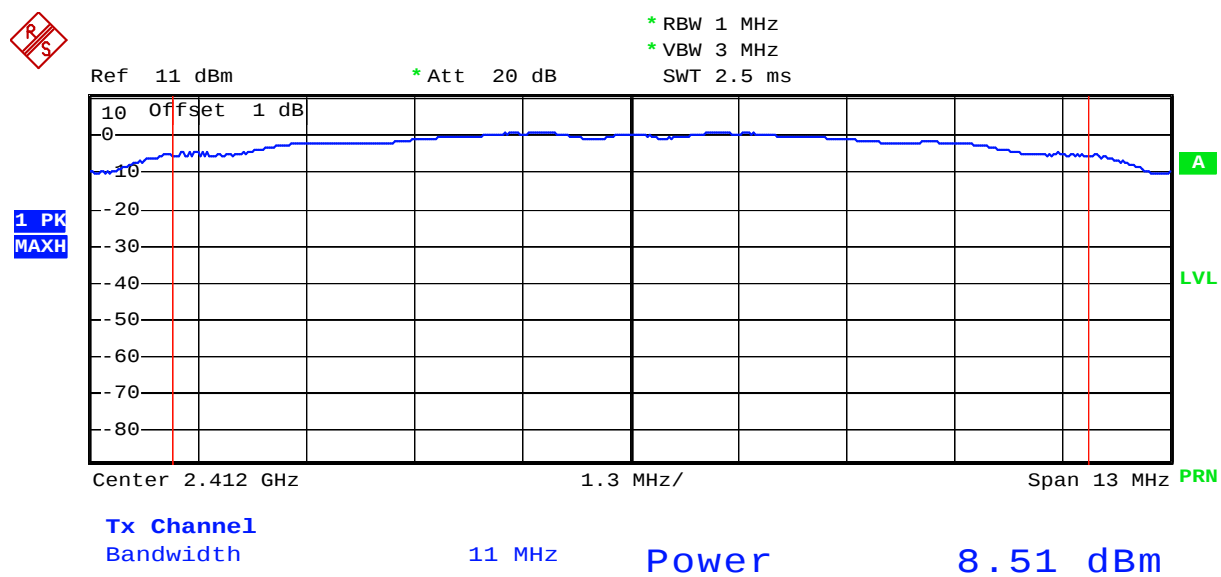
The test was performed with 802.11g				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.27	8.45	30 dBm / 1 W
Middle	2437	9.13	8.18	30 dBm / 1 W
High	2462	9.06	8.05	30 dBm / 1 W

The test was performed with 802.11n (20MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2412	9.11	8.15	30 dBm / 1 W
Middle	2437	9.11	8.15	30 dBm / 1 W
High	2462	8.77	7.53	30 dBm / 1 W

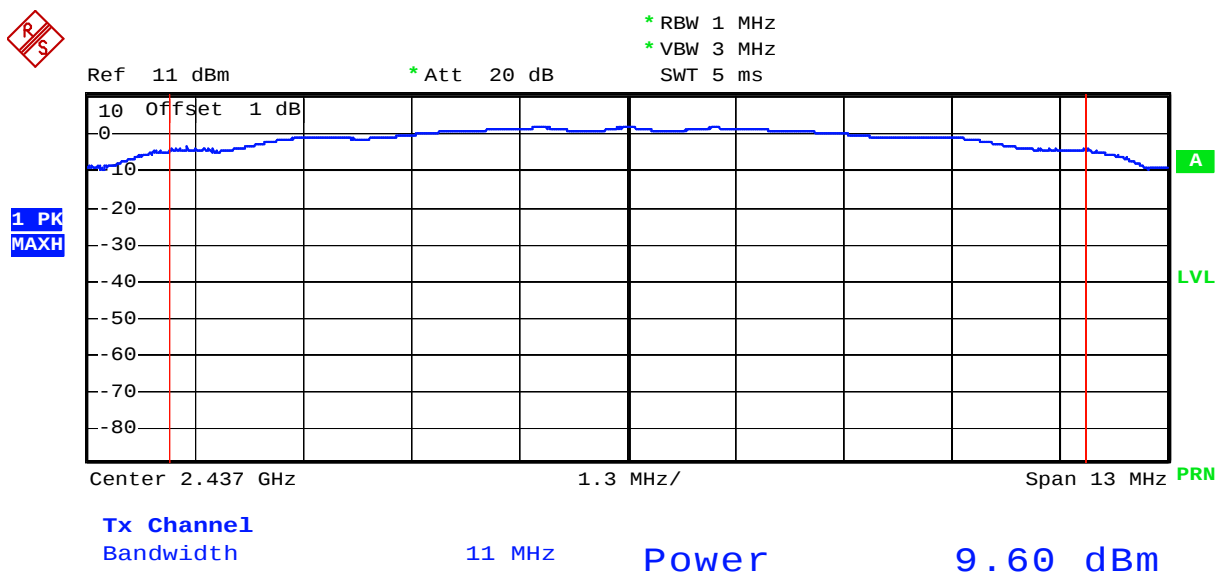
The test was performed with 802.11n (40MHz)				
Channel	Frequency (MHz)	Peak Output Power (dBm)	Peak Output Power (mW)	Limits dBm / W
Low	2422	8.96	7.87	30 dBm / 1 W
Middle	2437	8.86	7.69	30 dBm / 1 W
High	2452	9.07	8.07	30 dBm / 1 W

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz

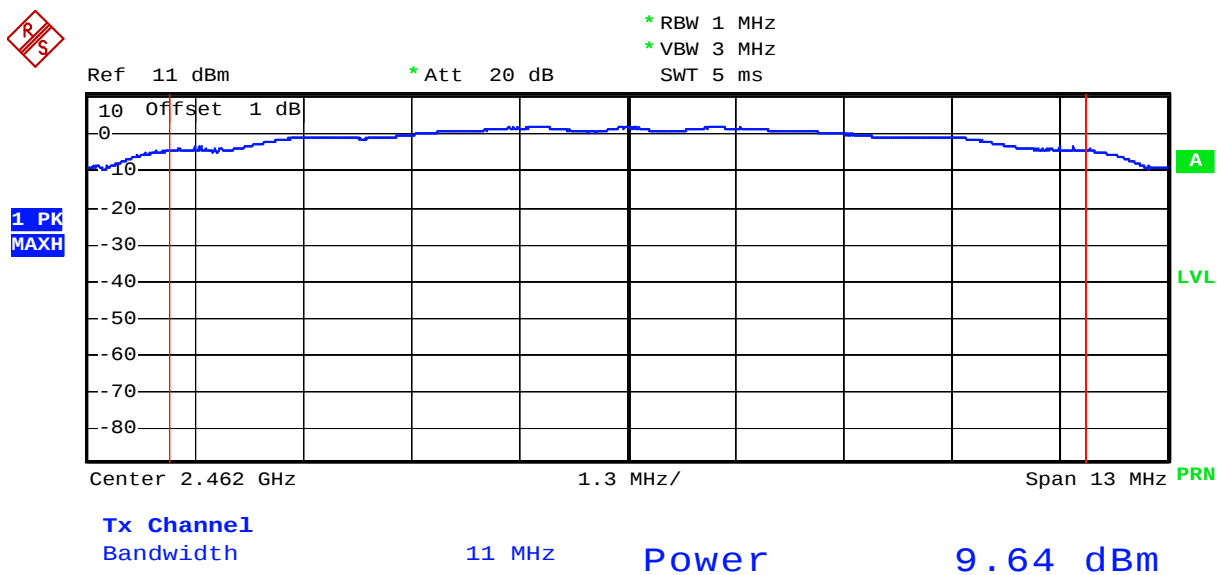


802.11b Channel Middle 2437MHz



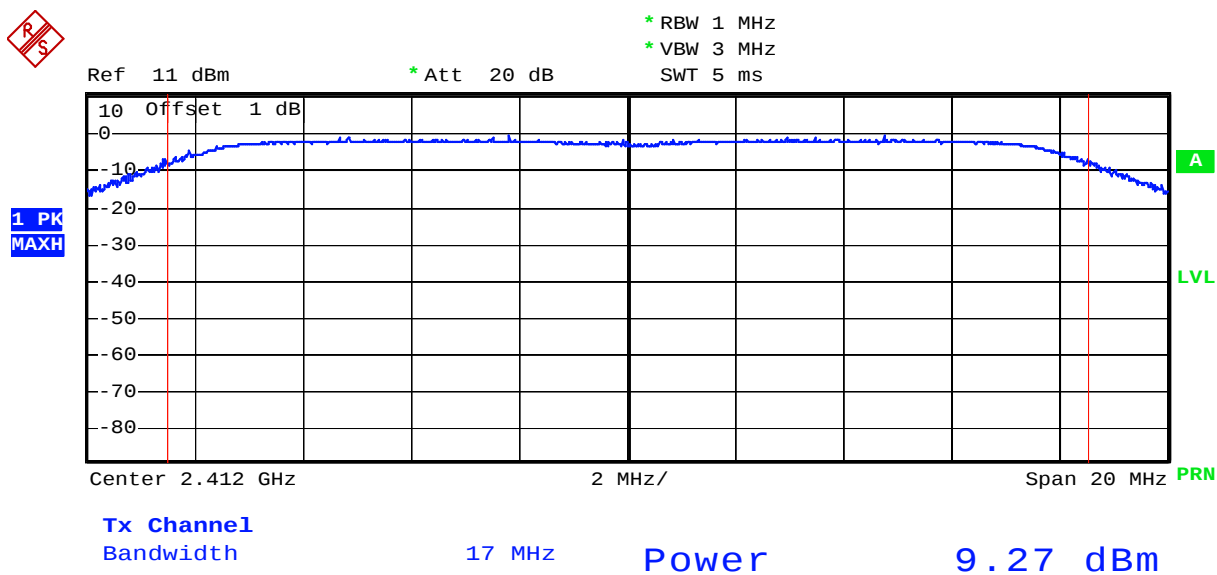
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Date: 27.OCT.2012 12:49:53

802.11b Channel High 2462MHz



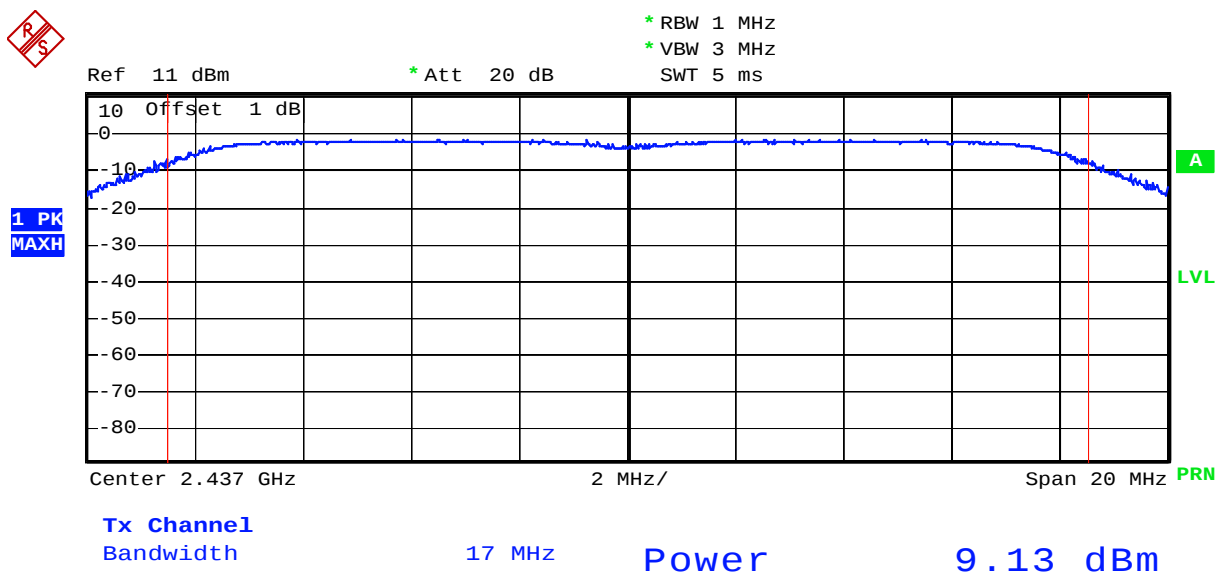
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802.11g Channel Low 2412MHz



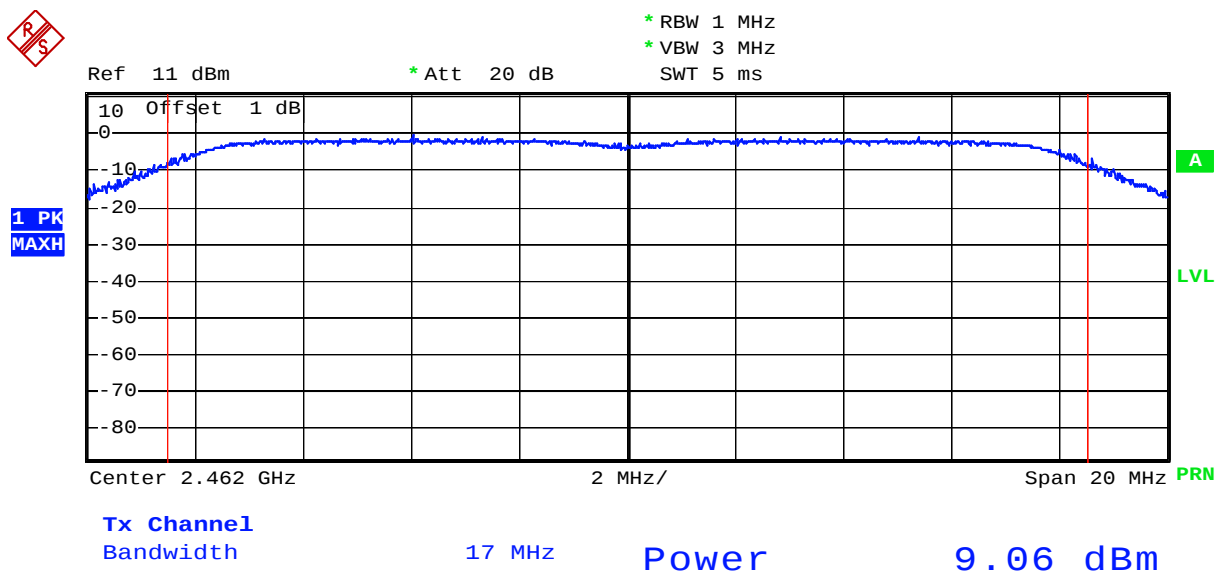
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802.11g Channel Middle 2437MHz



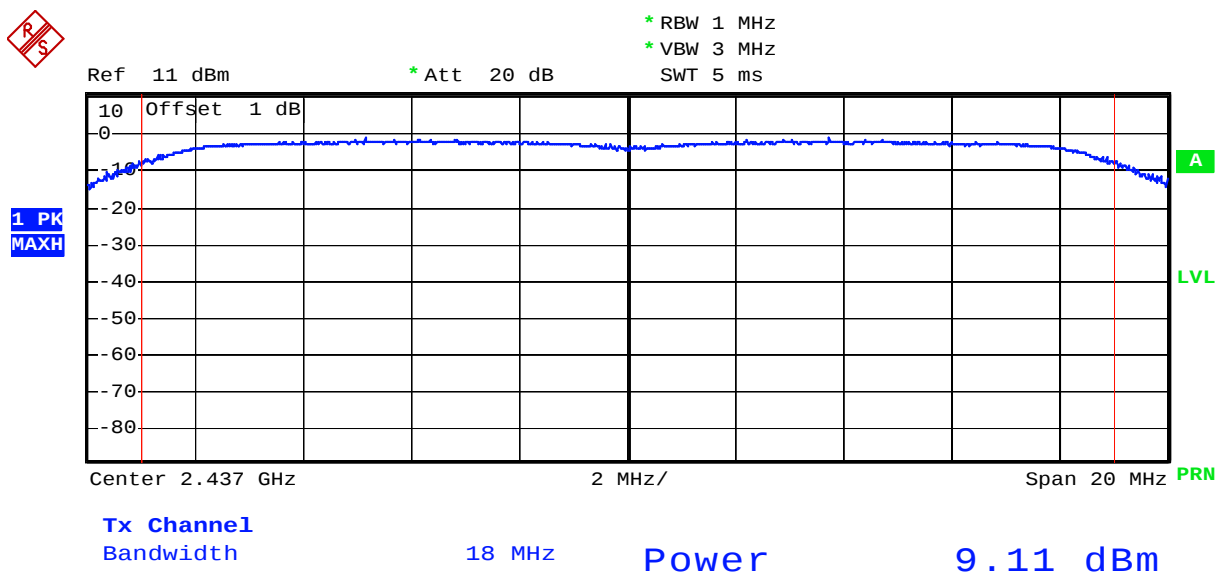
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802.11g Channel High 2462MHz



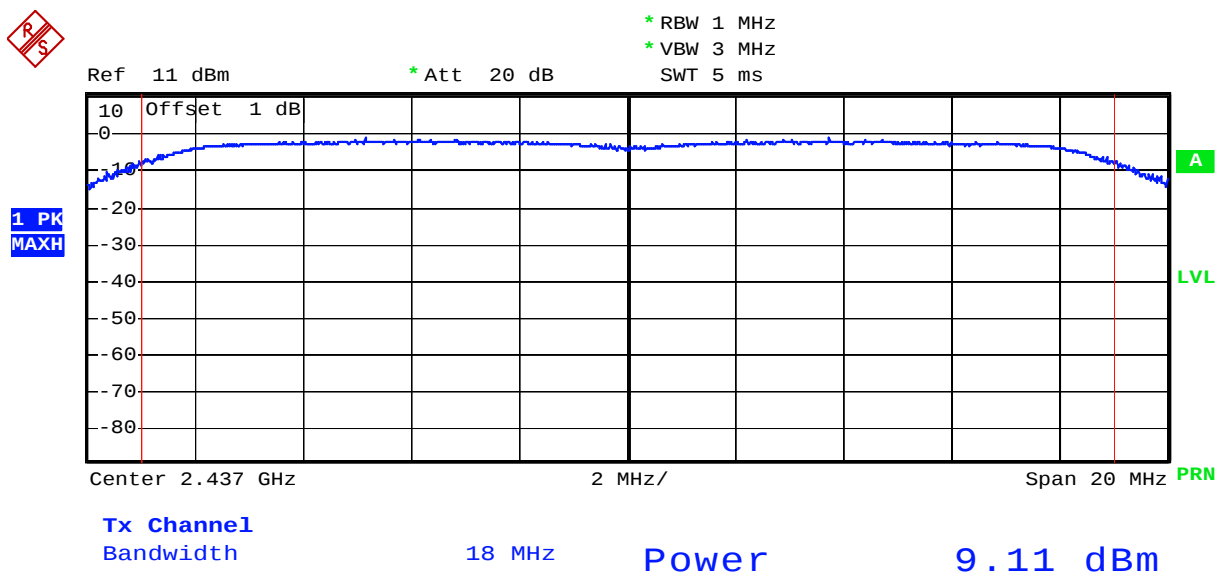
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802.11n Channel Low 2412MHz (20MHz)



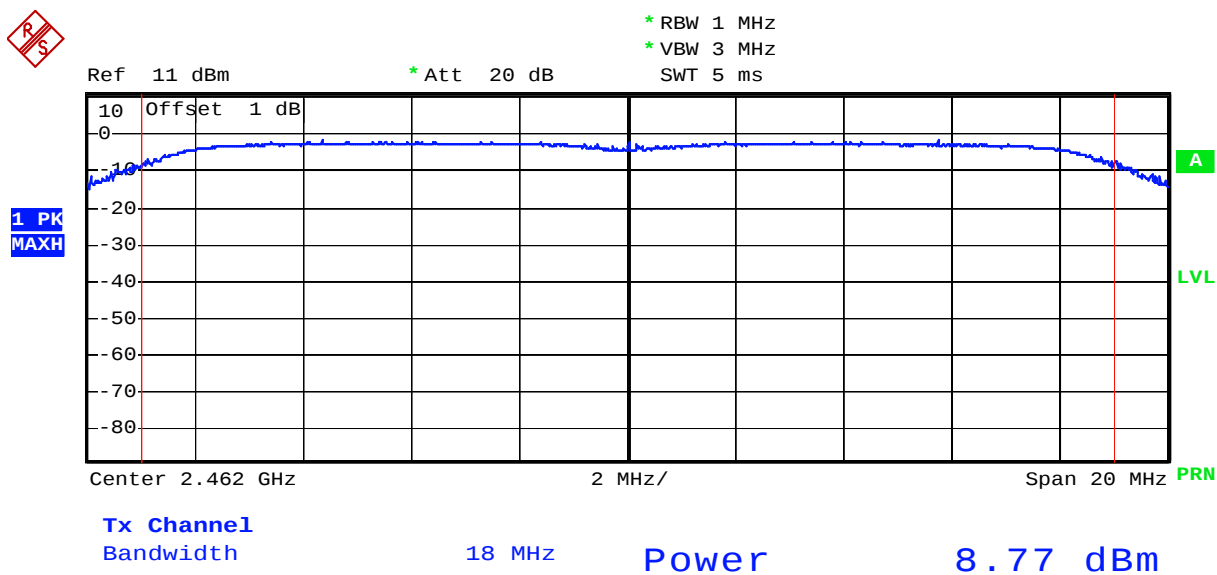
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802.11n Channel Middle 2437MHz (20MHz)



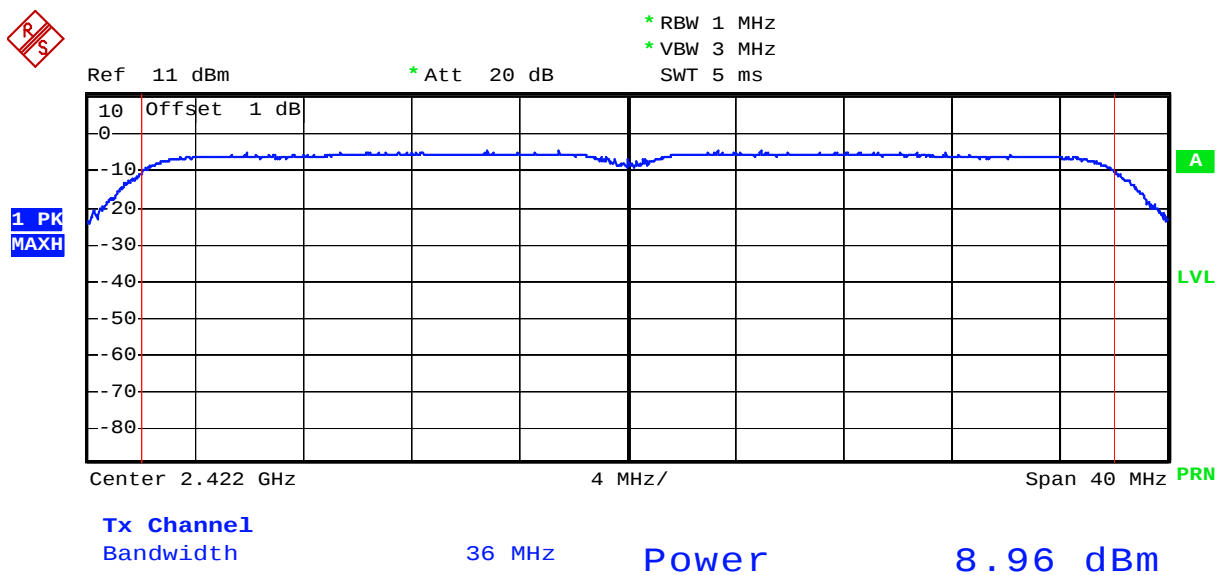
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802.11n Channel High 2462MHz (20MHz)



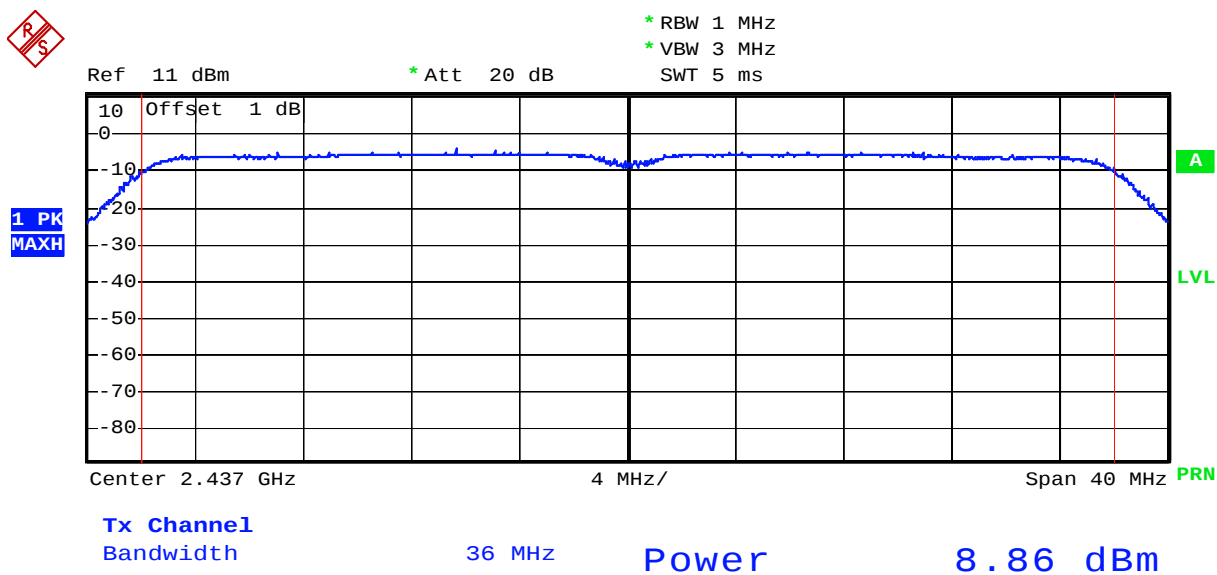
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Date: 27.OCT.2012 11:05:49

802.11n Channel Low 2422MHz (40MHz)



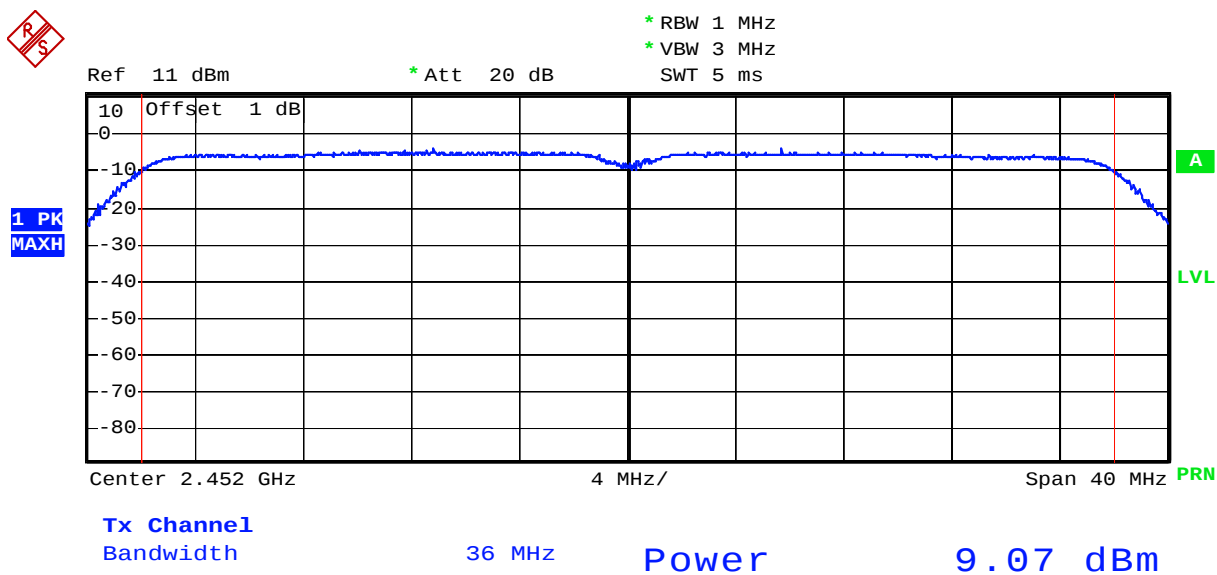
Comment A:
Date: 27.OCT.2012 11:10:57

802.11n Channel Middle 2437MHz (40MHz)



Comment A:
Date: 27.OCT.2012 11:16:05

802.11n Channel High 2452MHz (40MHz)



Comment A:
 Date: 27.OCT.2012 11:26:46

7. POWER SPECTRAL DENSITY MEASUREMENT

7.1. Block Diagram of Test Setup



(EUT: 7 Inch Tablet PC/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. 7 Inch Tablet PC/MID (EUT)

Model Number	:	SM708
Serial Number	:	N/A
Manufacturer	:	Superinworld Technology Co., Ltd

7.4. Operating Condition of EUT

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

7.4.2. Turn on the power of all equipment.

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

7.5. Test Procedure

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

7.5.2. Set RBW of spectrum analyzer to 3 kHz and VBW to 10 kHz, sweep time = auto, span = 1.5 time the Channel bandwidth.

7.5.3. Measurement the maximum power spectral density.

7.6. Test Result

PASS.

Date of Test:	Oct 27-30, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Ricky

The test was performed with 802.11b			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm/3kHz)
Low	2412	-16.45	8 dBm
Middle	2437	-15.45	8 dBm
High	2462	-15.72	8 dBm

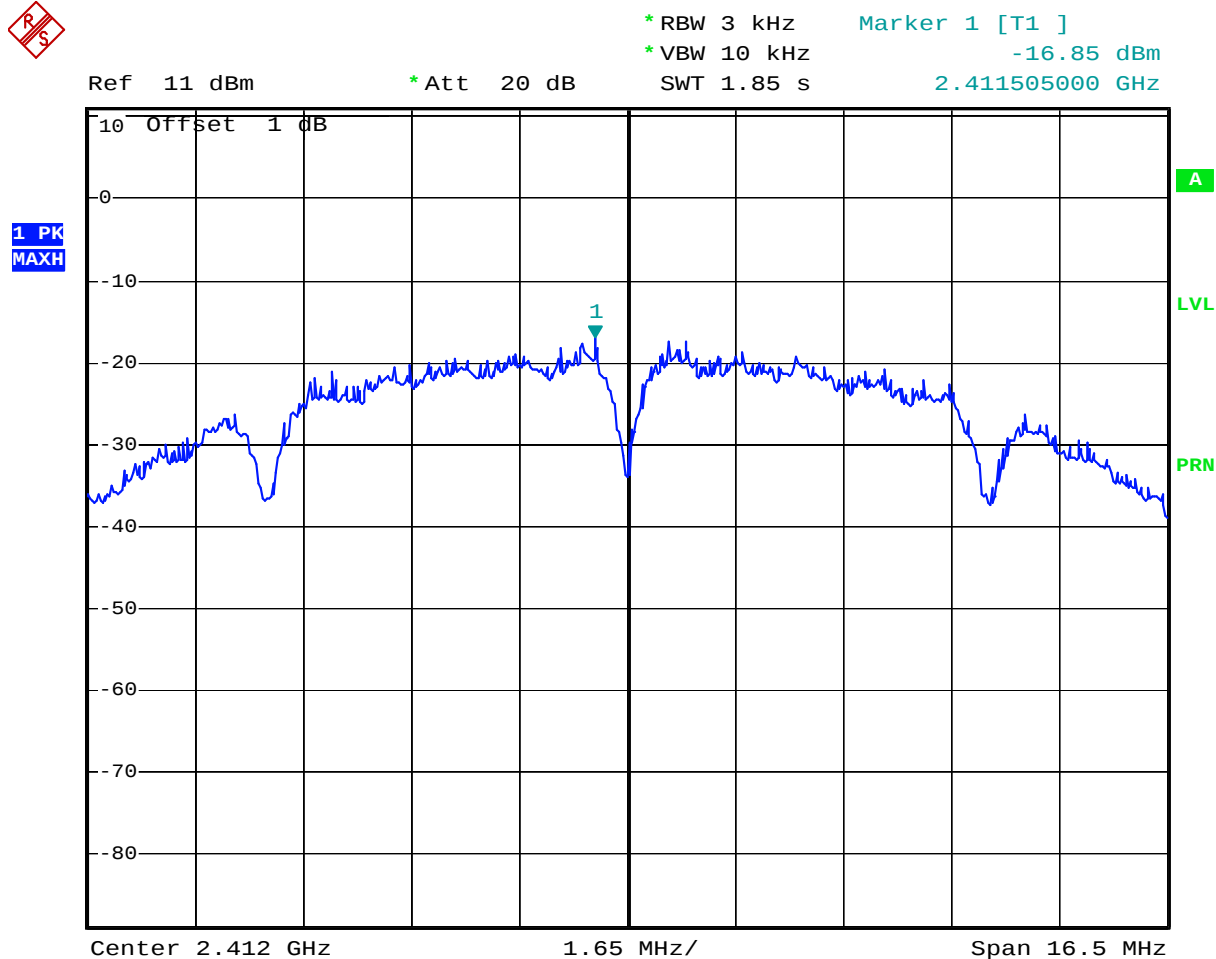
The test was performed with 802.11g			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low	2412	-24.10	8 dBm
Middle	2437	-24.22	8 dBm
High	2462	-27.37	8 dBm

The test was performed with 802.11n (20MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low	2412	-25.15	8 dBm
Middle	2437	-24.94	8 dBm
High	2462	-24.19	8 dBm

The test was performed with 802.11n (40MHz)			
Channel	Frequency (MHz)	Power Spectral Density (dBm/3kHz)	Limits (dBm)
Low	2422	-28.41	8 dBm
Middle	2437	-28.37	8 dBm
High	2452	-28.55	8 dBm

The spectrum analyzer plots are attached as below.

802.11b Channel Low 2412MHz



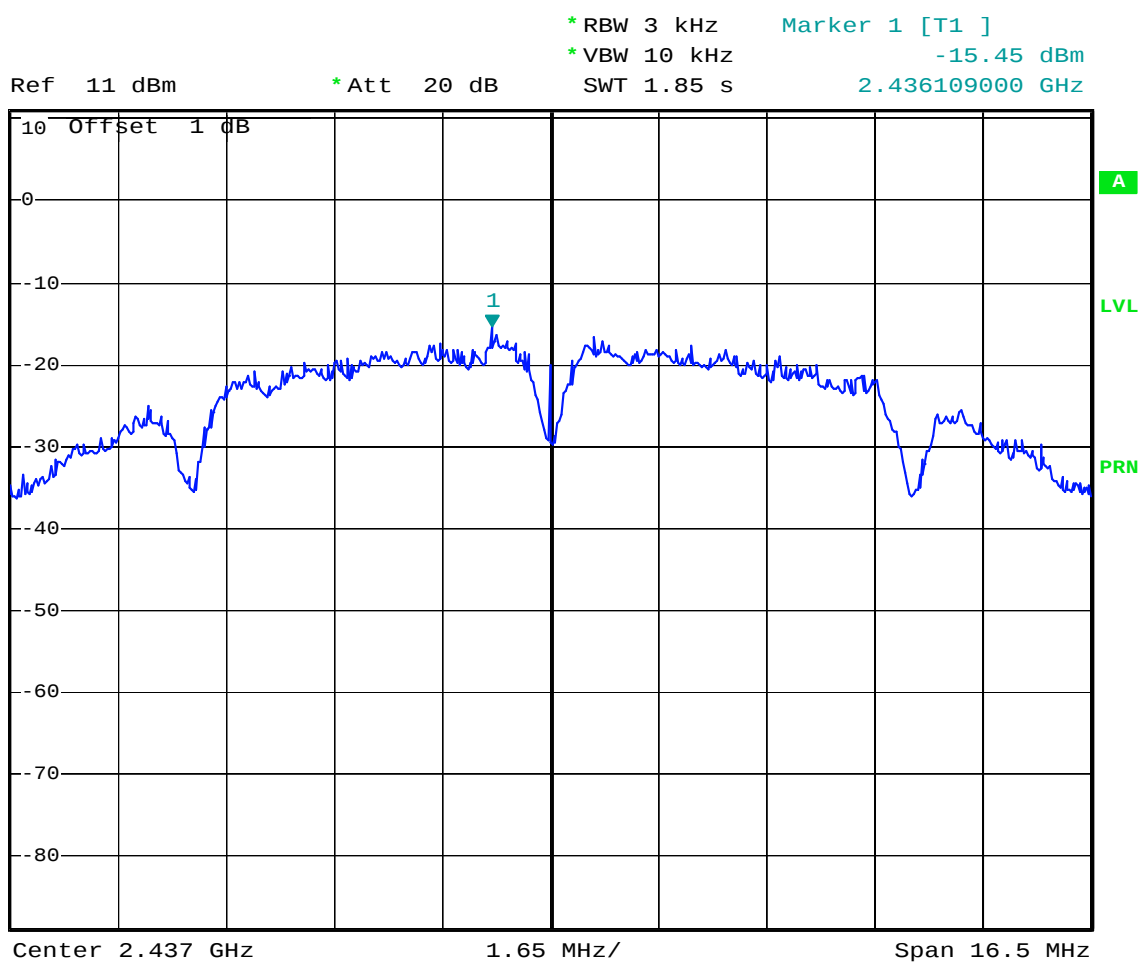
Comment A:

Date: 30.OCT.2012 08:55:16

802.11b Channel Middle 2437MHz



1 PK
MAXH



Comment A:

Date: 27.OCT.2012 10:12:57

802.11b Channel High 2462MHz



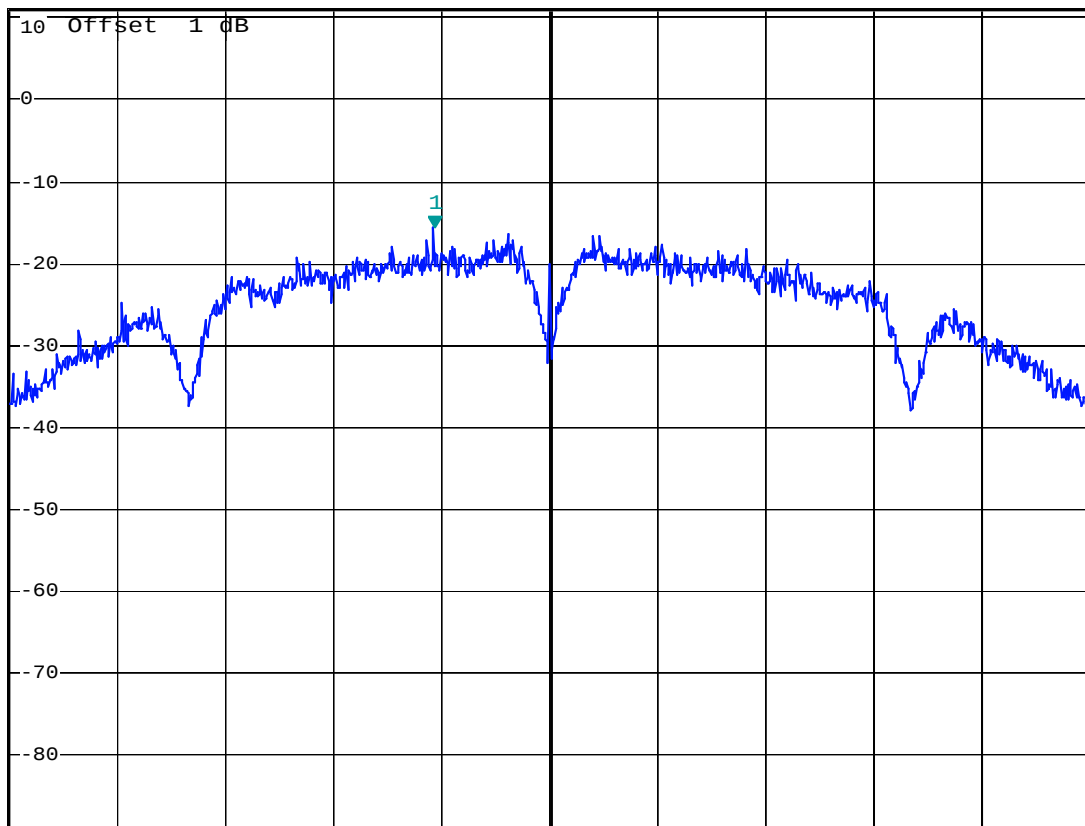
* RBW 3 kHz
 * VBW 10 kHz
 SWT 1.85 s

Marker 1 [T1]
 -15.72 dBm
 2.460234500 GHz

Ref 11 dBm

* Att 20 dB

1 PK
 MAXH



Center 2.462 GHz

1.65 MHz/

Span 16.5 MHz

Comment A:

Date: 27.OCT.2012 10:20:42

802.11g Channel Low 2412MHz



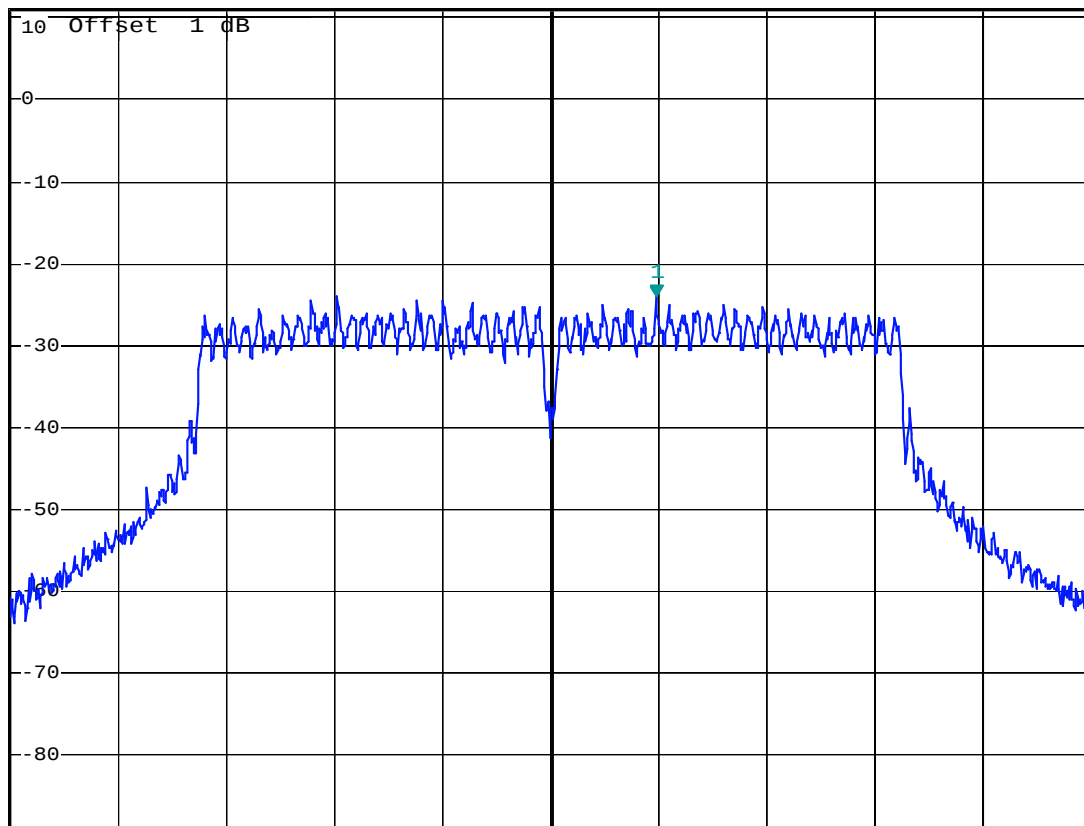
* RBW 3 kHz
 * VBW 10 kHz
 SWT 2.9 s

Marker 1 [T1]
 -24.10 dBm
 2.414499000 GHz

Ref 11 dBm

* Att 20 dB

1 PK
 MAXH



Center 2.412 GHz

2.55 MHz/

Span 25.5 MHz

Comment A:

Date: 27.OCT.2012 10:29:46

802.11g Channel Middle 2437MHz



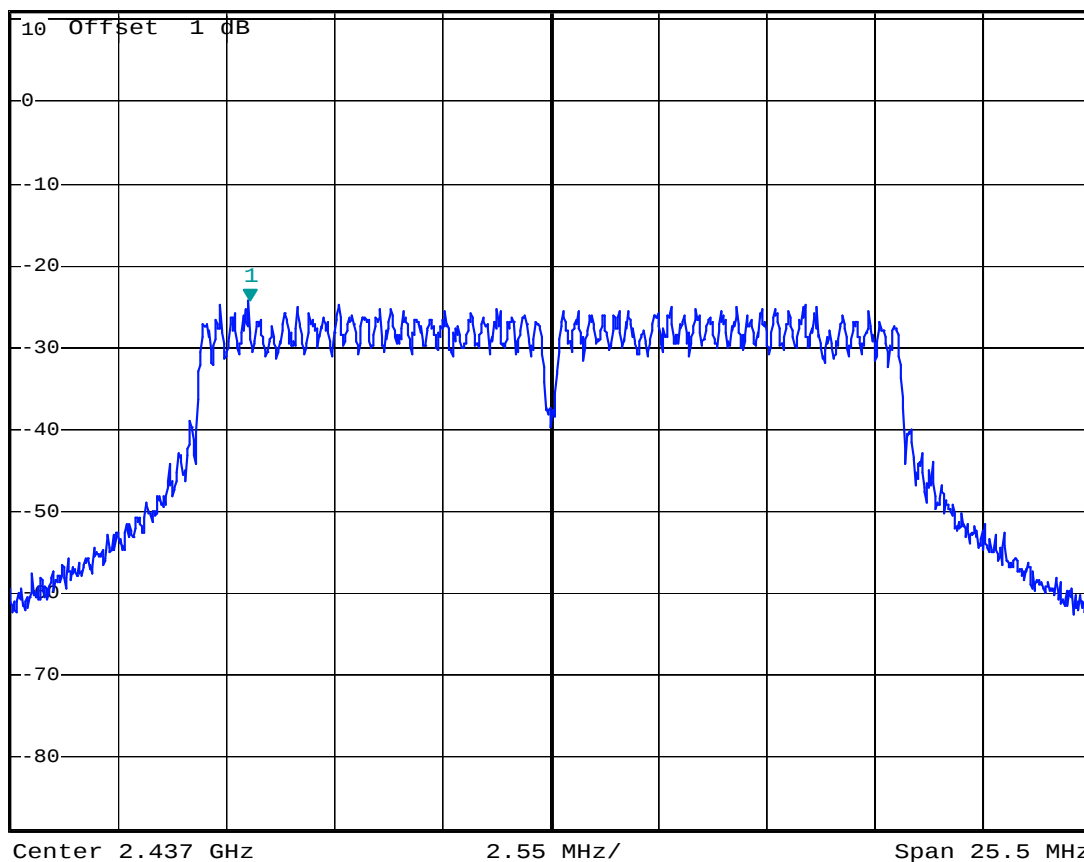
* RBW 3 kHz
 * VBW 10 kHz
 SWT 2.9 s

Marker 1 [T1]
 -24.22 dBm
 2.429885500 GHz

Ref 11 dBm

* Att 20 dB

1 PK
 MAXH



Comment A:

Date: 27.OCT.2012 10:37:13

802.11g Channel High 2462MHz



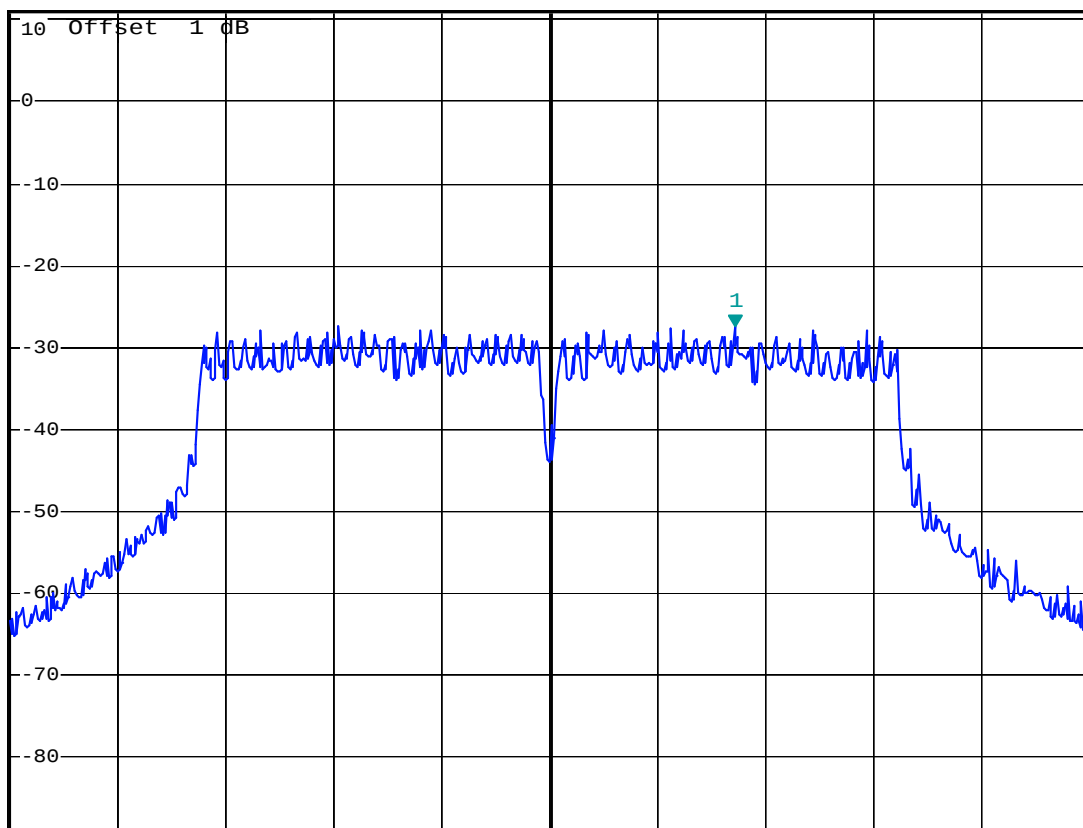
* RBW 3 kHz
 * VBW 10 kHz
 SWT 2.9 s

Marker 1 [T1]
 -27.37 dBm
 2.466386000 GHz

Ref 11 dBm

* Att 20 dB

1 PK
 MAXH



Center 2.462 GHz

2.55 MHz/

Span 25.5 MHz

Comment A:

Date: 30.OCT.2012 08:57:03

802.11n Channel Low 2412MHz (20MHz)

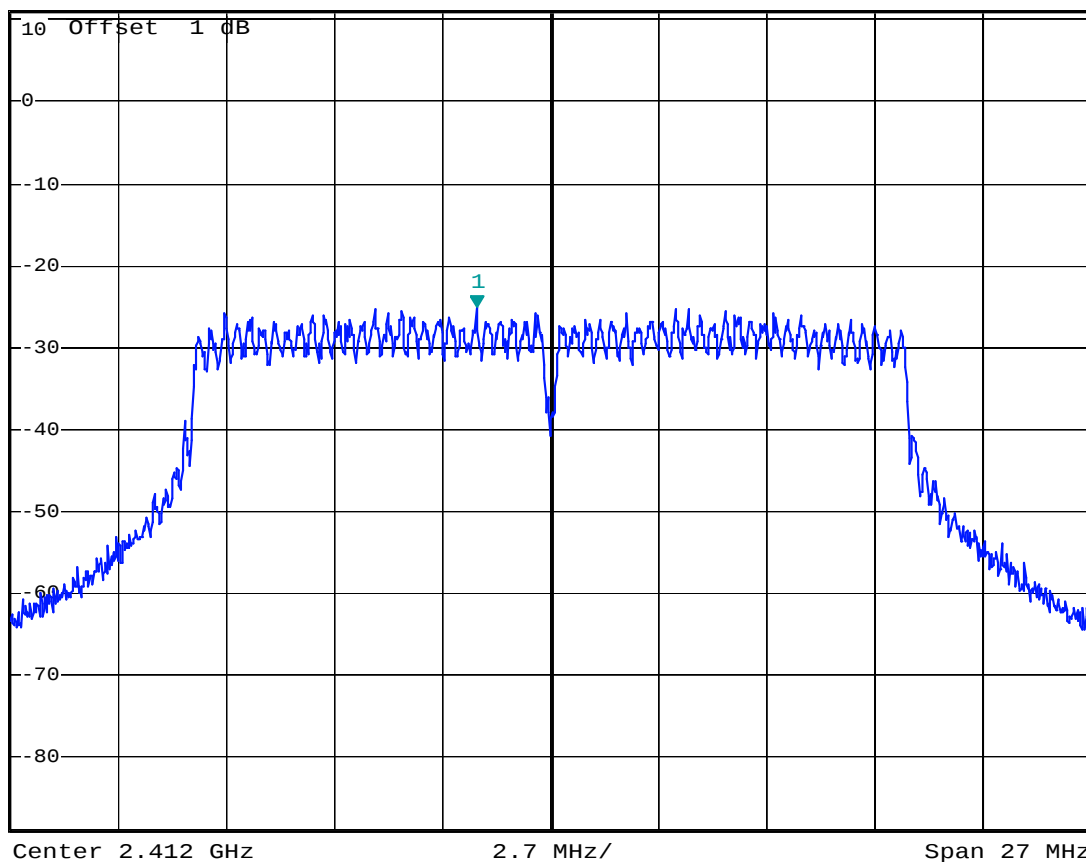


* RBW 3 kHz
 * VBW 10 kHz
 SWT 3 s

Marker 1 [T1]
 -25.15 dBm
 2.410164000 GHz

Ref 11 dBm * Att 20 dB

1 PK
 MAXH



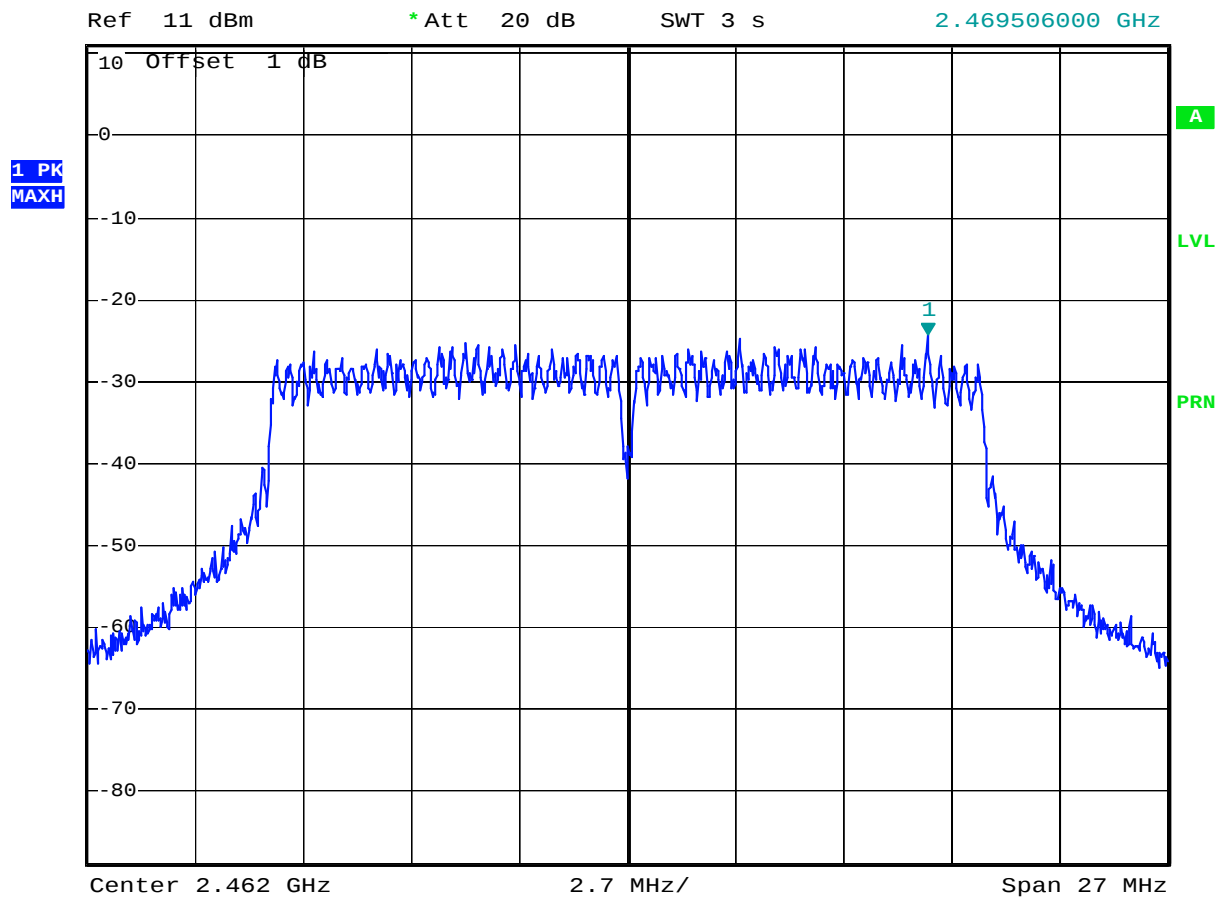
Comment A:

Date: 27.OCT.2012 10:53:22

802.11n Channel High 2462MHz (20MHz)



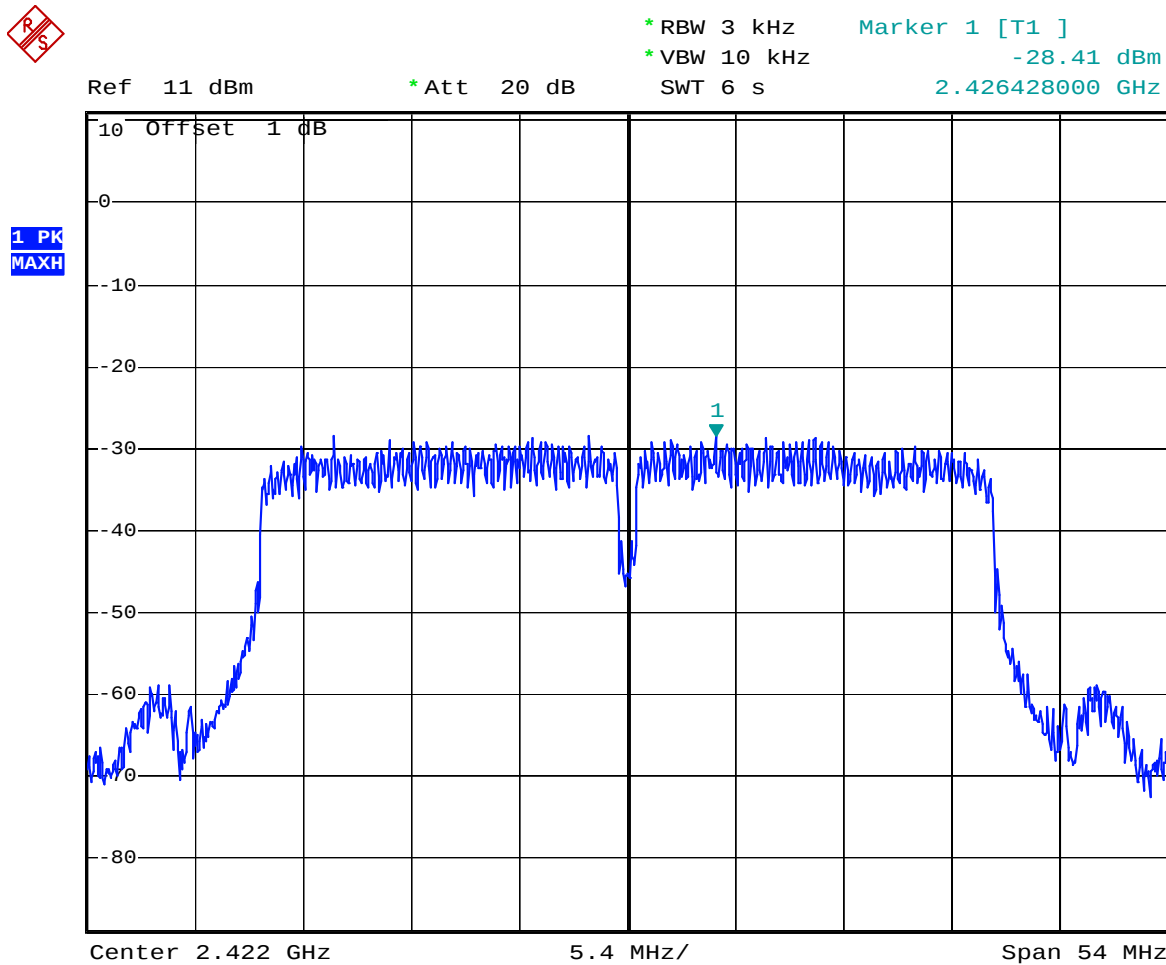
* RBW 3 kHz Marker 1 [T1]
 * VBW 10 kHz -24.19 dBm
 SWT 3 s 2.469506000 GHz



Comment A:

Date: 27.OCT.2012 11:06:55

802.11n Channel Low 2422MHz (40MHz)



Comment A:

Date: 27.OCT.2012 11:12:16

802.11n Channel Middle 2437MHz (40MHz)



* RBW 3 kHz
 * VBW 10 kHz
 SWT 6 s

Marker 1 [T1]
 -28.37 dBm
 2.452282000 GHz

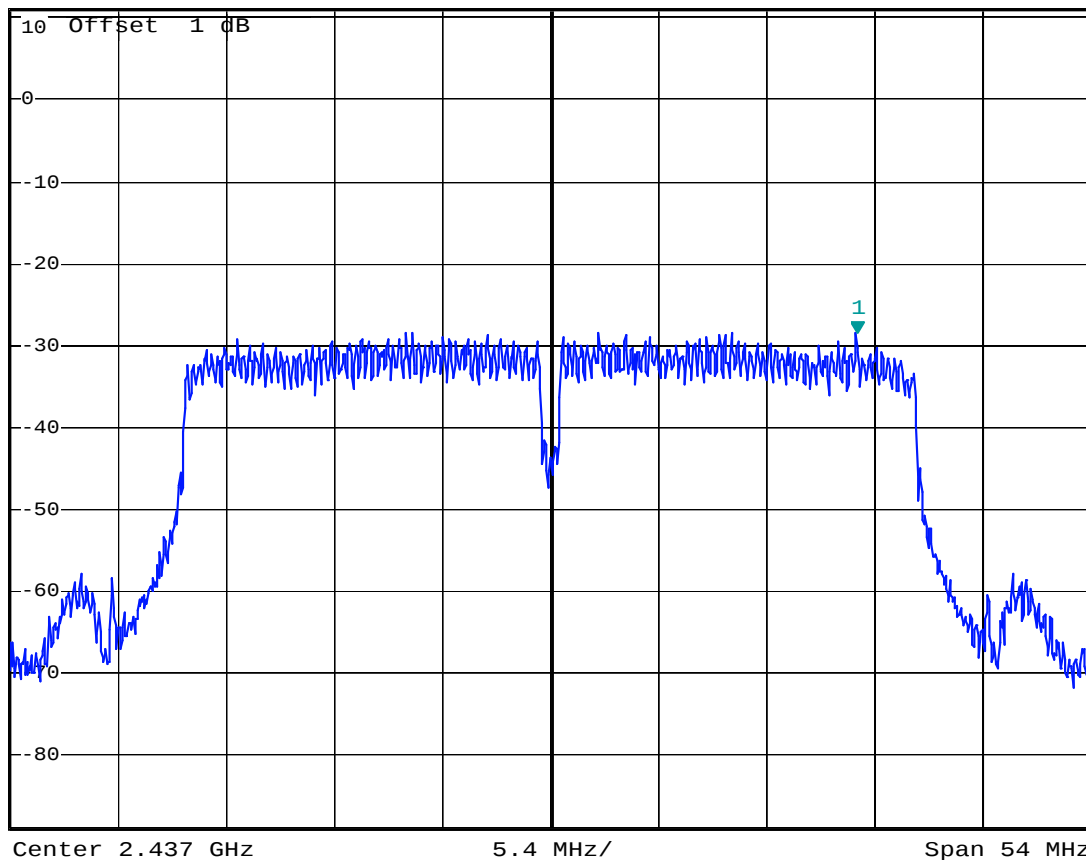
Ref 11 dBm

* Att 20 dB

SWT 6 s

2.452282000 GHz

1 PK
 MAXH



Comment A:

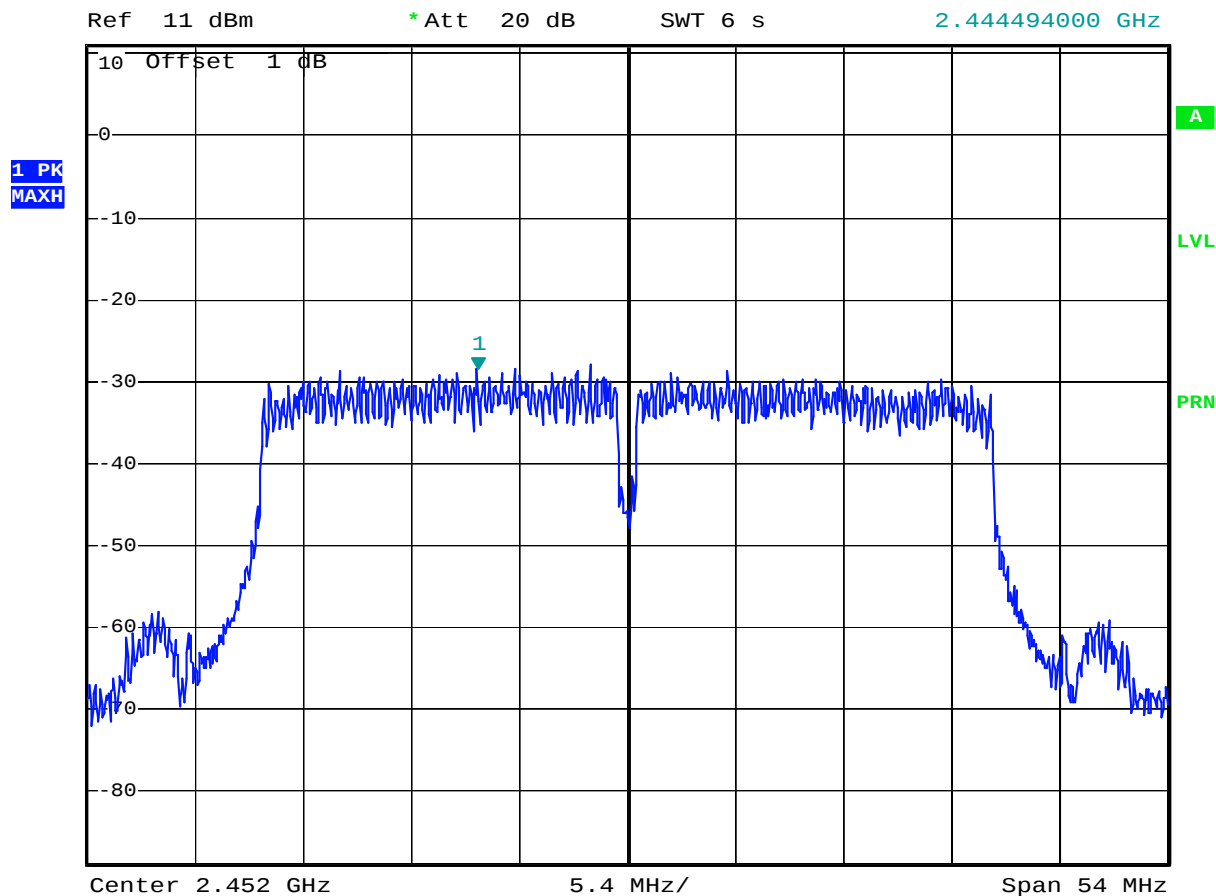
Date: 27.OCT.2012 11:17:33

802.11n Channel High 2452MHz (40MHz)



* RBW 3 kHz
 * VBW 10 kHz
 SWT 6 s

Marker 1 [T1]
 -28.55 dBm
 2.444494000 GHz



Comment A:
 Date: 27.OCT.2012 11:28:04

8. BAND EDGE COMPLIANCE TEST

8.1. Block Diagram of Test Setup



(EUT: 7 Inch Tablet PC/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. 7 Inch Tablet PC/MID (EUT)

Model Number	:	SM708
Serial Number	:	N/A
Manufacturer	:	Superinworld Technology Co., Ltd

8.4. Operating Condition of EUT

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

8.4.2. Turn on the power of all equipment.

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

8.5. Test Procedure

Conducted Band Edge:

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

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

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:	Oct 27, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	TX	Test Engineer:	Ricky

The test was performed with 802.11b

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	43.58	> 20dBc
2462	50.32	> 20dBc

The test was performed with 802.11g

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.84	> 20dBc
2462	43.36	> 20dBc

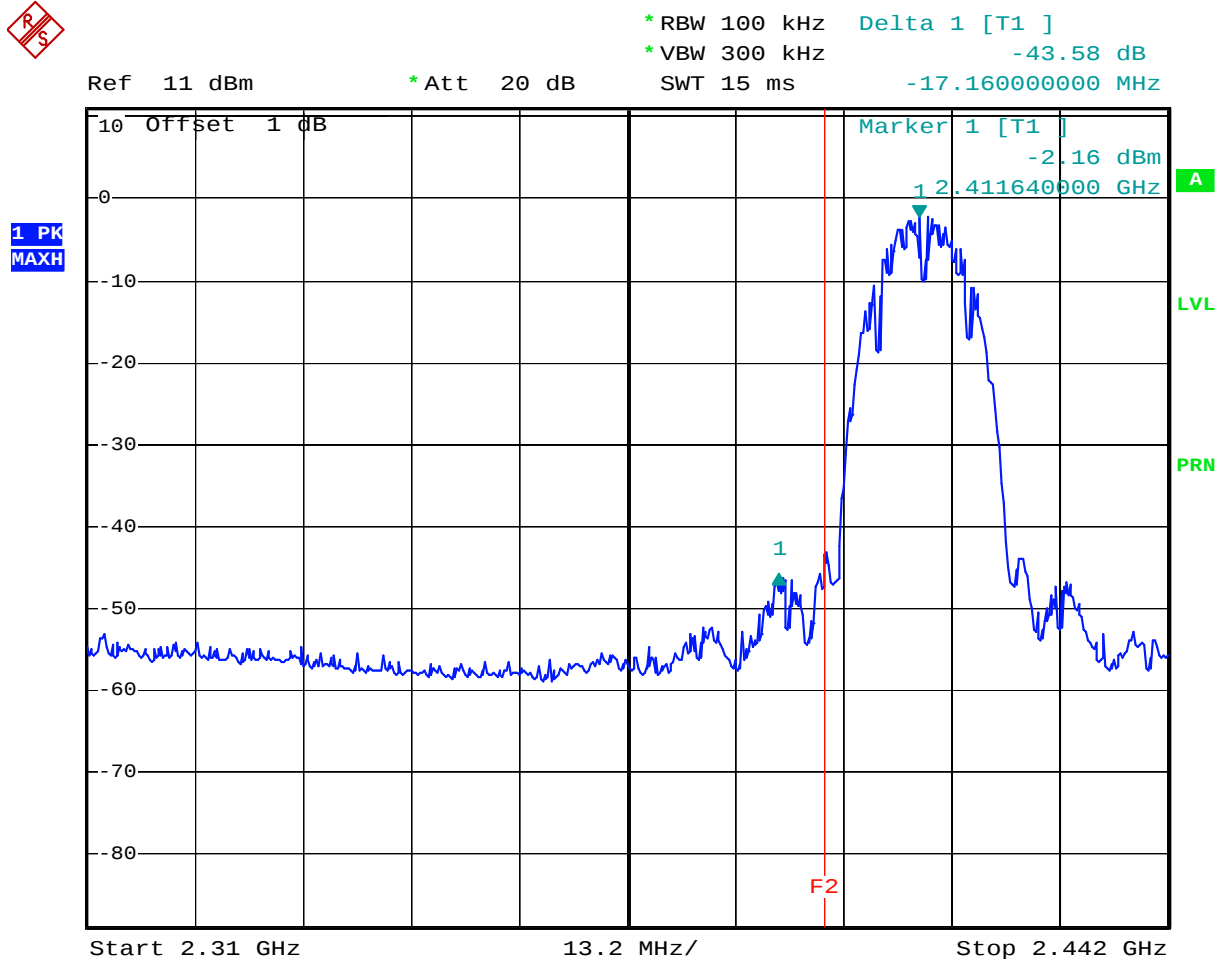
The test was performed with 802.11n (20MHz)

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2412	32.00	> 20dBc
2462	42.61	> 20dBc

The test was performed with 802.11n (40MHz)

Frequency (MHz)	Result of Band Edge (dBc)	Limit of Band Edge (dBc)
2422	27.93	> 20dBc
2452	36.96	> 20dBc

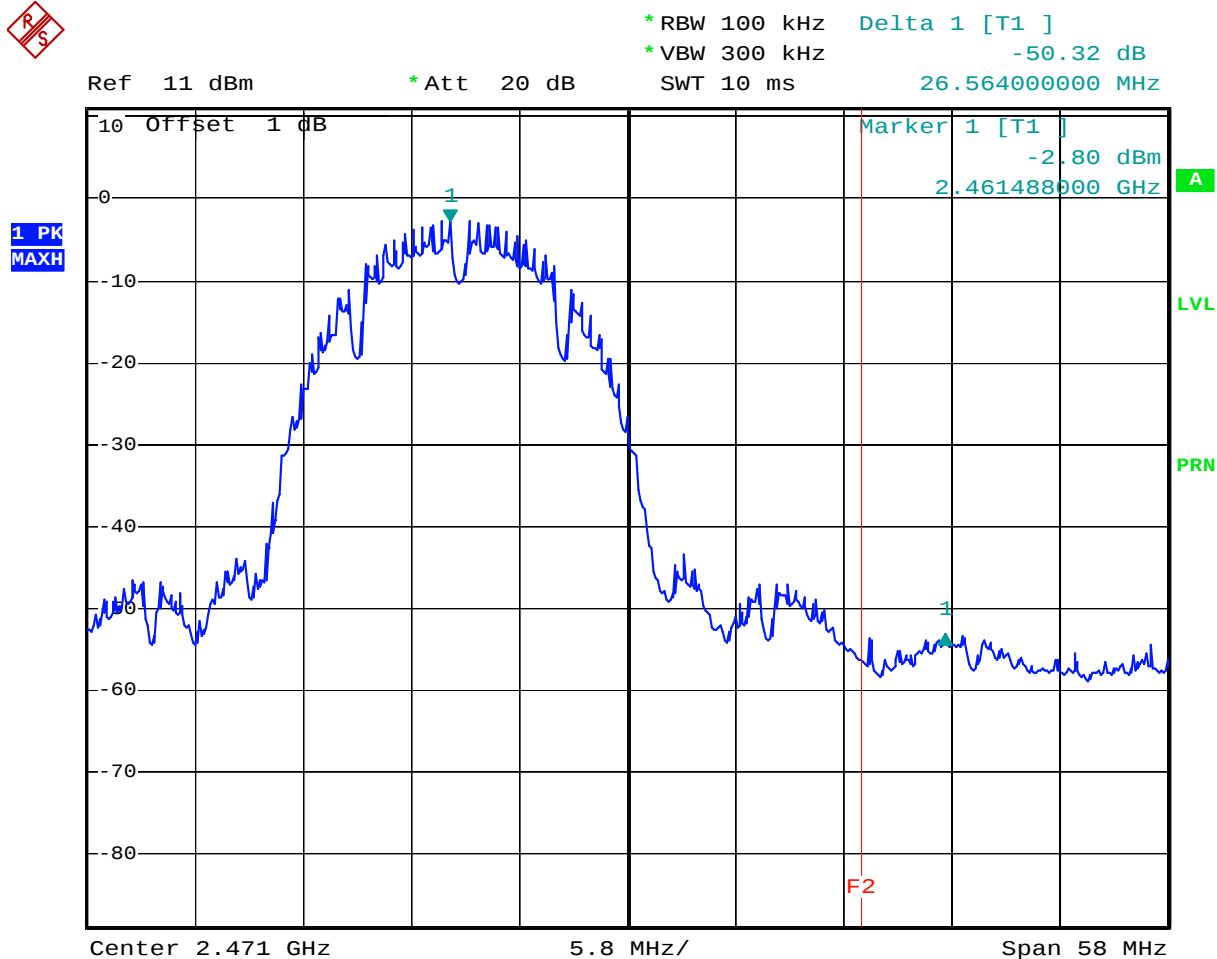
802.11b Channel Low 2412MHz



Comment A:

Date: 27.OCT.2012 11:51:31

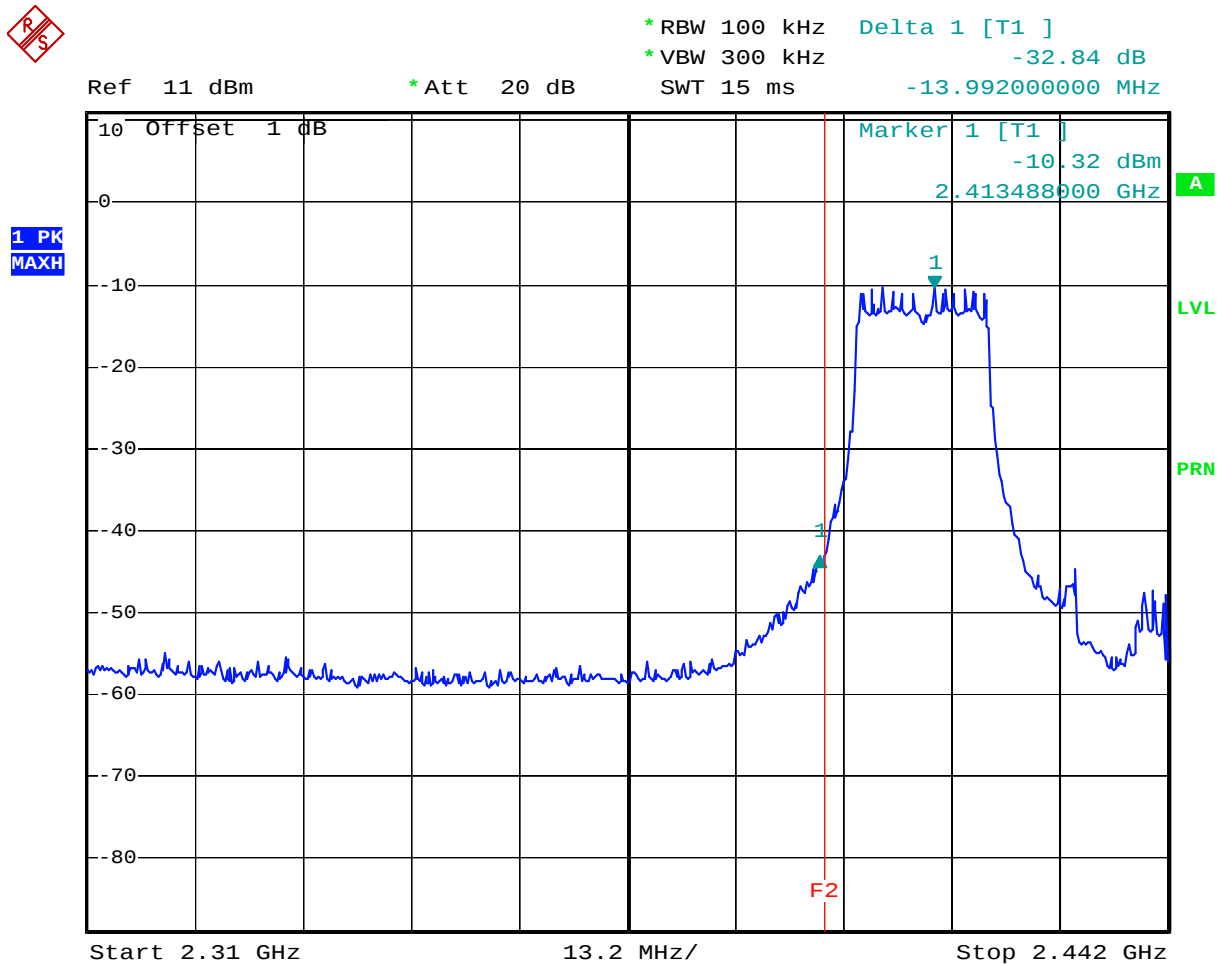
802.11b Channel High 2462MHz



Comment A:

Date: 27.OCT.2012 11:53:08

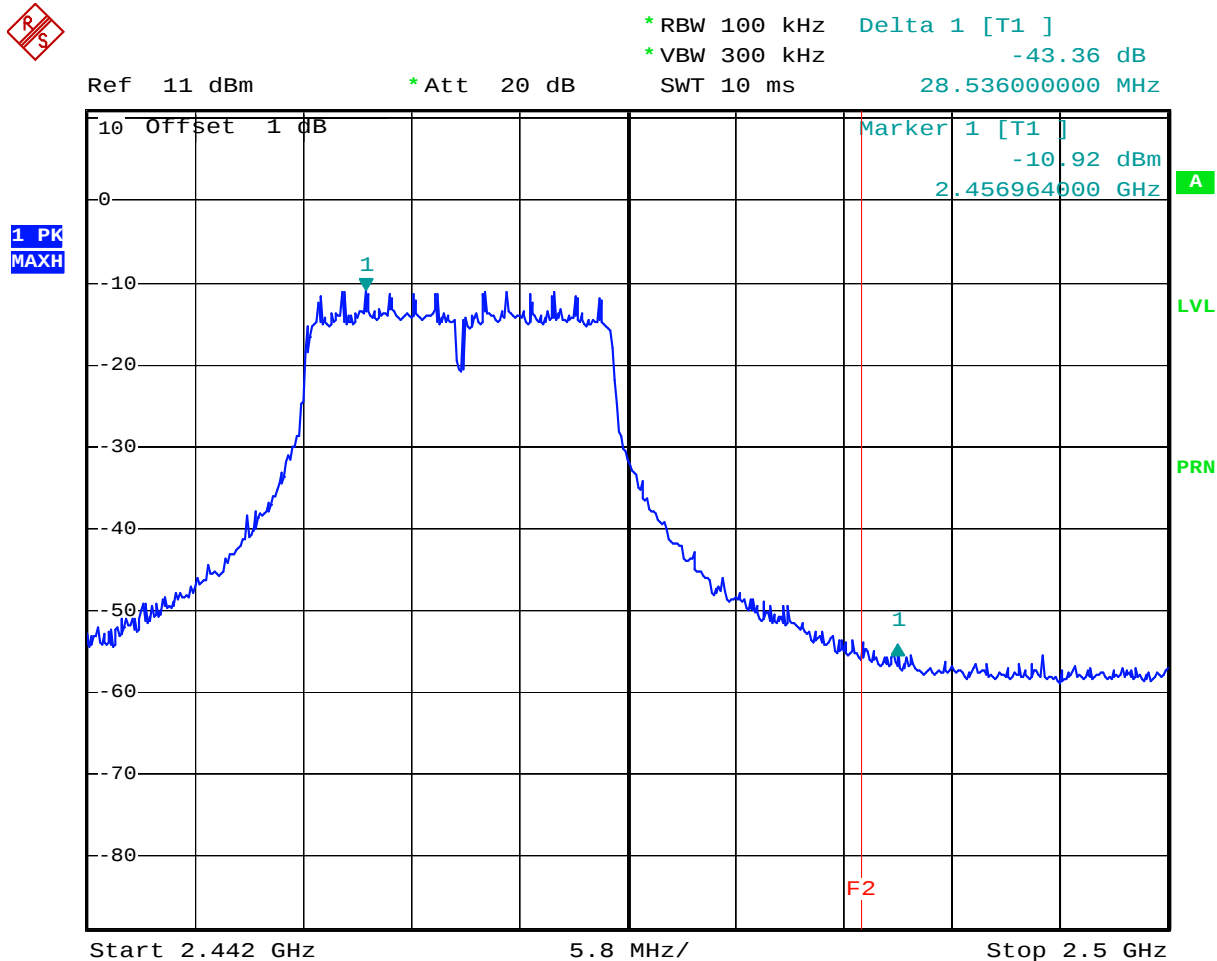
802.11g Channel Low 2412MHz



Comment A:

Date: 27.OCT.2012 11:49:58

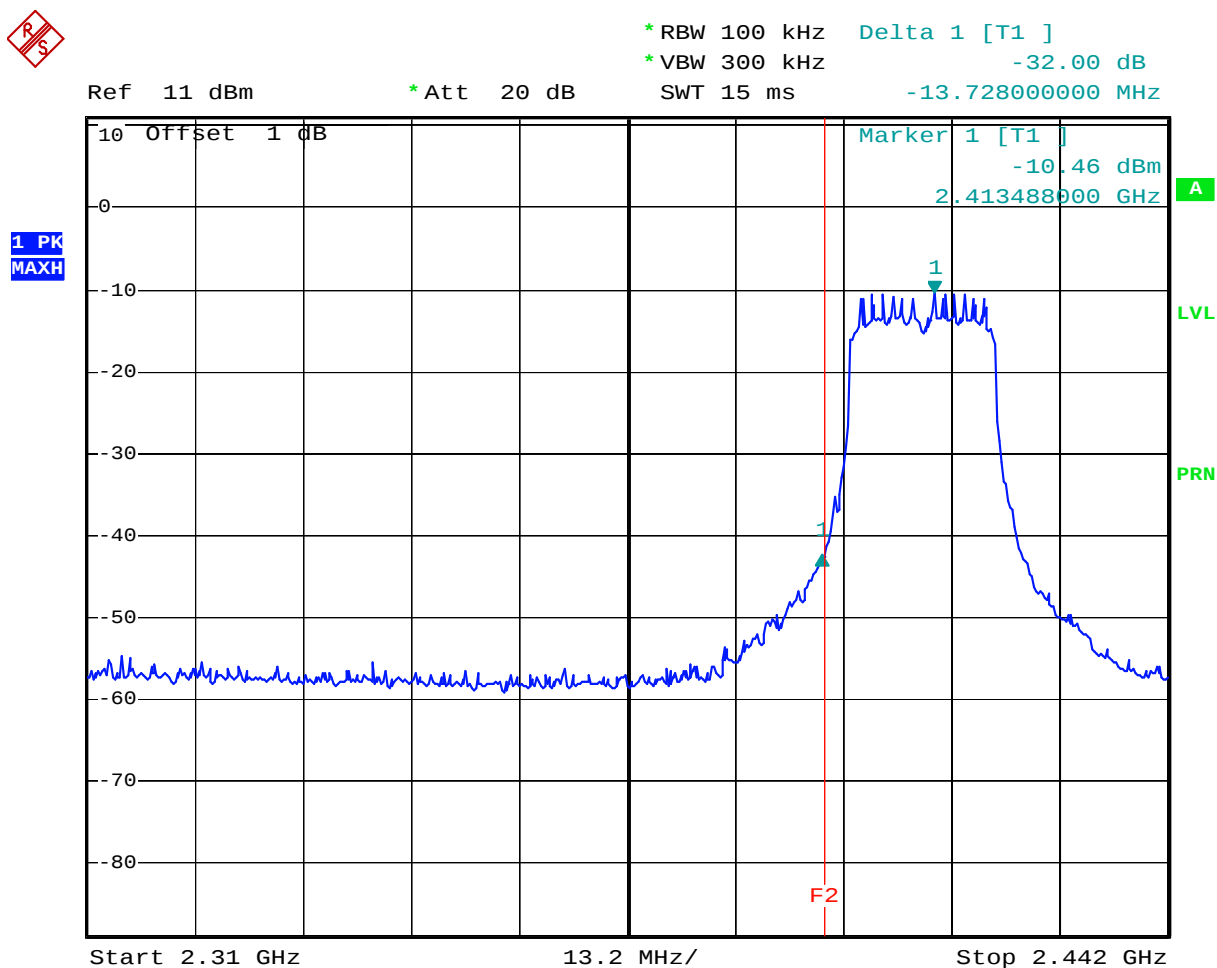
802.11g Channel High 2462MHz



Comment A:

Date: 27.OCT.2012 11:45:20

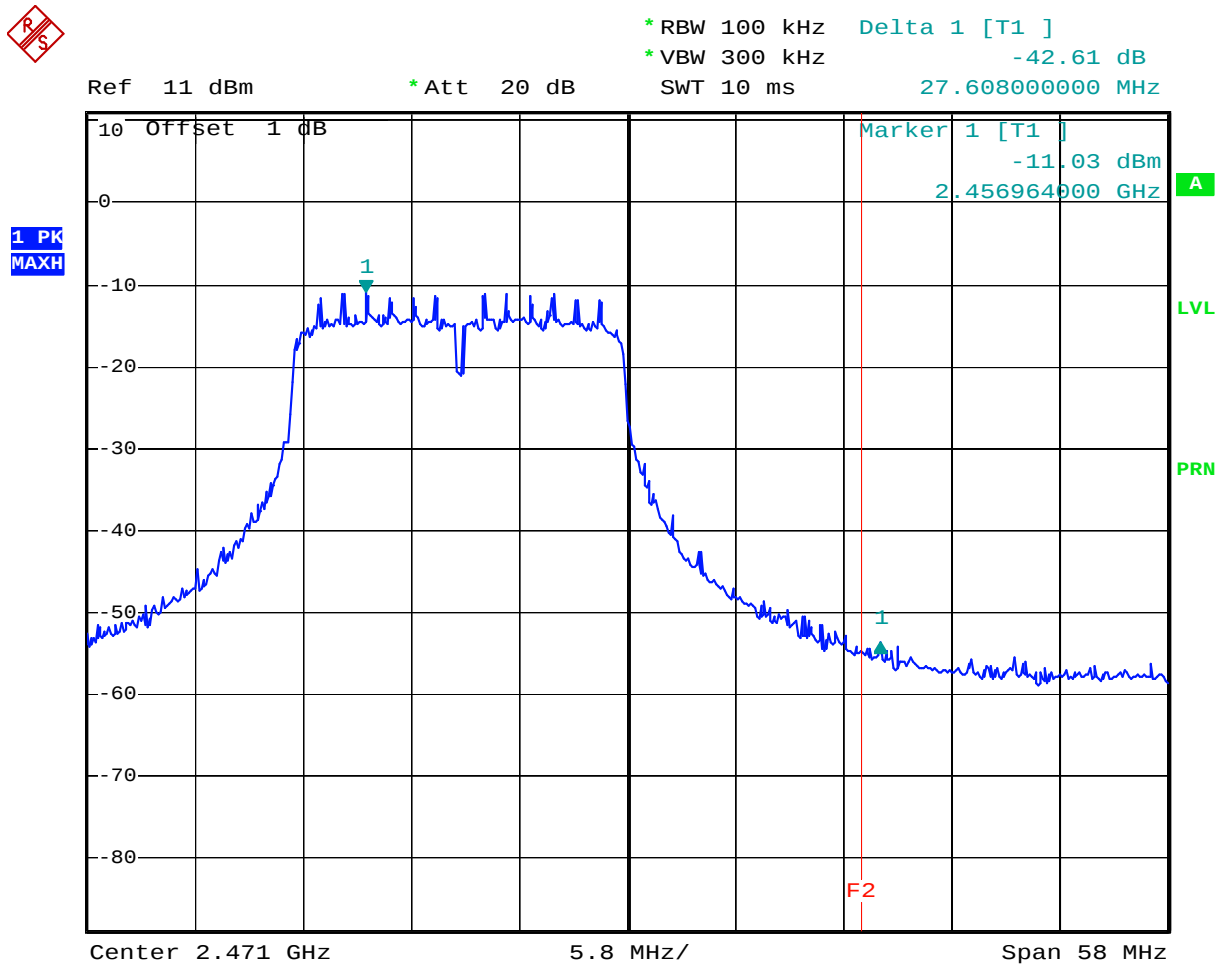
802.11n Channel Low 2412MHz (20MHz)



Comment A:

Date: 27.OCT.2012 11:41:06

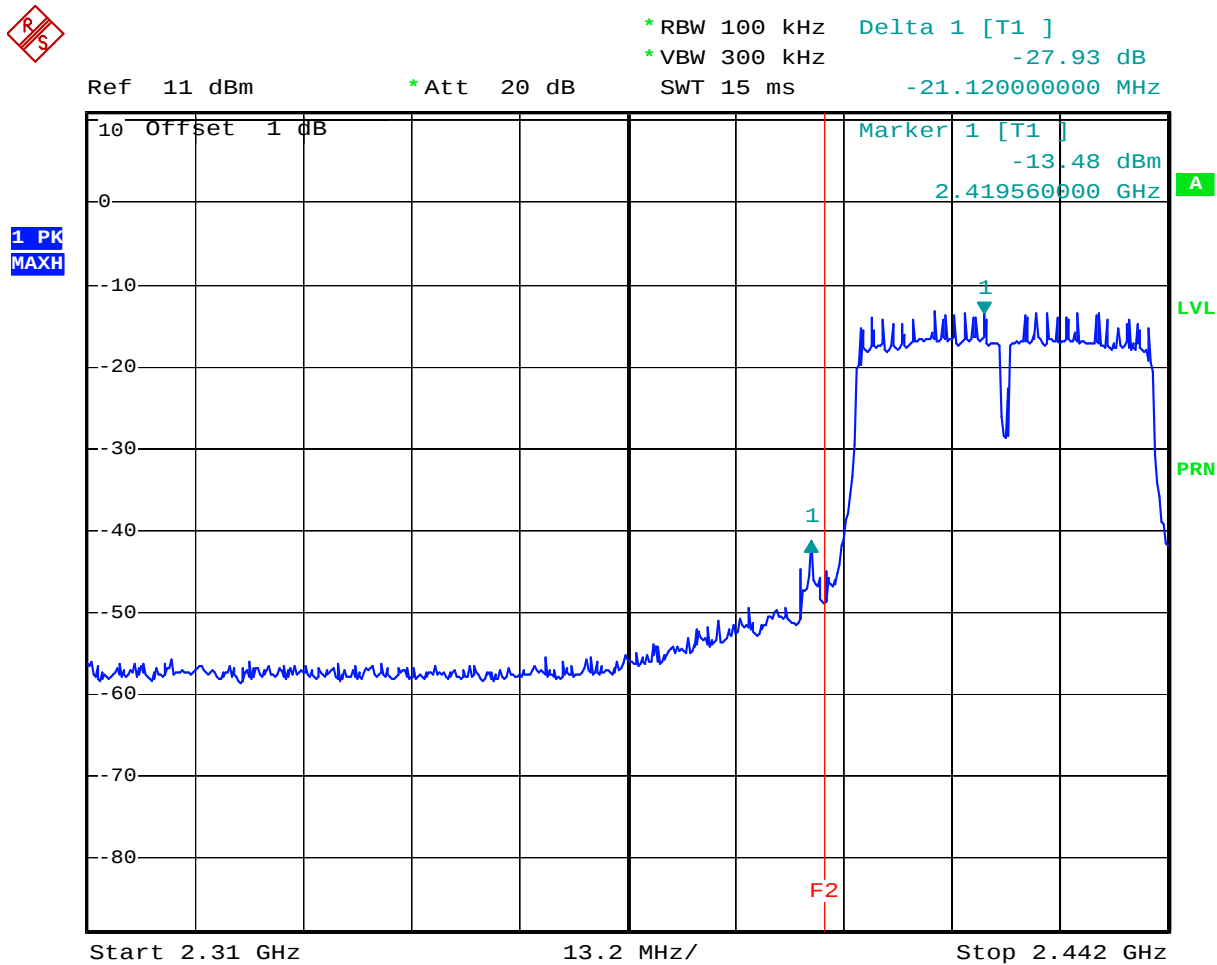
802.11n Channel High 2462MHz (20MHz)



Comment A:

Date: 27.OCT.2012 11:43:03

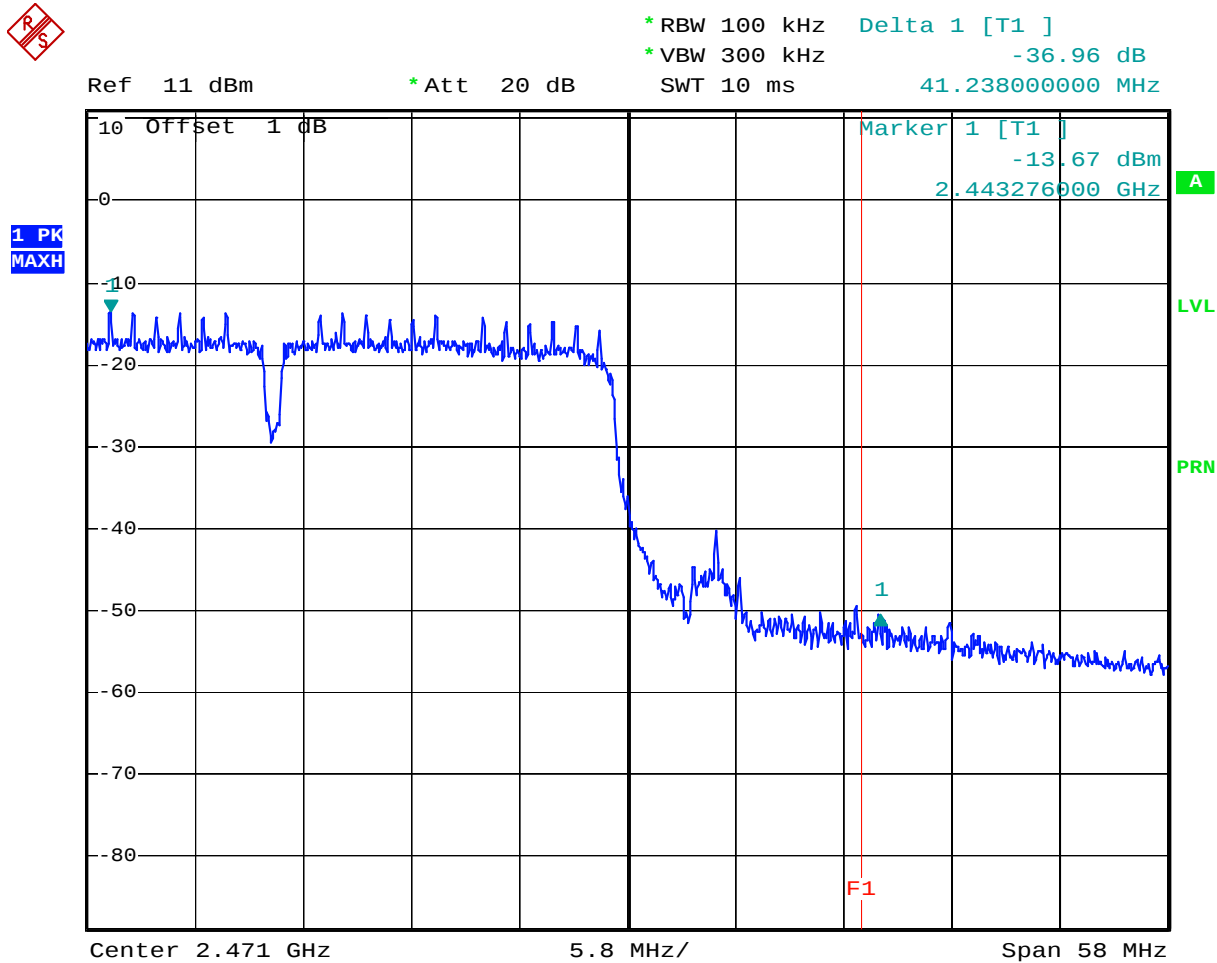
802.11n Channel Low 2422MHz (40MHz)



Comment A:

Date: 27.OCT.2012 11:39:20

802.11n Channel High 2452MHz (40MHz)



Comment A:

Date: 27.OCT.2012 11:32:01

Radiated Band Edge Result

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Ricky

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	
2390.000	41.02	44.21	-7.53	33.49	36.68	54	74	-20.51	-37.32	Vertical
2400.000	52.12	56.32	-7.46	44.06	48.86	54	74	-9.34	-25.14	Vertical
2390.000	42.54	46.11	-7.53	35.01	38.58	54	74	-18.99	-35.42	Horizontal
2400.000	52.78	56.33	-7.46	45.32	48.87	54	74	-8.68	-25.13	Horizontal

Note:

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

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	42.17	46.32	-7.37	34.80	38.95	54	74	-19.20	-35.05	Vertical
2483.500	44.11	48.02	-7.37	36.74	40.65	54	74	-17.26	-33.35	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:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Ricky

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	
2390.000	41.66	45.23	-7.53	34.13	37.70	54	74	-19.87	-36.30	Vertical
2400.000	58.12	66.77	-7.46	50.66	59.31	54	74	-3.34	-14.68	Vertical
2390.000	42.10	45.33	-7.53	34.57	37.80	54	74	-19.43	-36.20	Horizontal
2400.000	57.23	64.23	-7.46	50.19	56.77	54	74	-3.81	-17.23	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:

$$\text{Result} = \text{Reading} + \text{Corrected Factor}$$
3. Display the measurement of peak values.

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Ricky

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	46.86	50.12	-7.37	39.49	42.75	54	74	-14.51	-31.25	Vertical
2483.500	42.36	45.89	-7.37	34.99	38.52	54	74	-19.01	-35.48	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:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2412MHz (20MHz)	Test Engineer:	Ricky

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	
2390.000	42.12	44.91	-7.53	34.59	37.38	54	74	-19.41	-36.62	Vertical
2400.000	58.35	67.23	-7.46	50.89	59.77	54	74	-3.11	-14.23	Vertical
2390.000	41.99	45.21	-7.53	34.46	37.68	54	74	-19.54	-36.32	Horizontal
2400.000	57.63	65.75	-7.46	50.17	58.29	54	74	-3.83	-15.71	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:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2462MHz (20MHz)	Test Engineer:	Ricky

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	42.00	45.01	-7.37	34.63	37.64	54	74	-19.37	-36.36	Vertical
2483.500	41.22	44.23	-7.37	33.85	36.86	54	74	-20.15	-37.14	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:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2422MHz (40MHz)	Test Engineer:	Ricky

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	
2398.591	56.98	61.21	-7.47	49.51	53.74	54	74	-4.49	-20.26	Vertical
2400.000	52.28	56.06	-7.46	44.82	48.60	54	74	-9.18	-25.40	Vertical
2398.328	52.45	55.33	-7.47	44.98	47.86	54	74	-9.02	-26.14	Horizontal
2400.000	48.88	51.78	-7.46	41.42	44.32	54	74	-12.58	-29.68	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:	Oct 19, 2012	Temperature:	25°C
EUT:	7 Inch Tablet PC/MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2452MHz (40MHz)	Test Engineer:	Ricky

Frequency (MHz)	Reading(dBμV/m)		Factor(dB) Corr.	Result(dBμV/m)		Limit(dBμV/m)		Margin(dB)		Polarization
	AV	PEAK		AV	PEAK	AV	PEAK	AV	PEAK	
2483.500	44.43	47.95	-7.37	37.06	40.58	54	74	-16.94	-33.42	Vertical
2483.500	42.89	46.23	-7.37	35.52	38.86	54	74	-18.48	-35.14	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.: rucky2 #330

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11B (CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

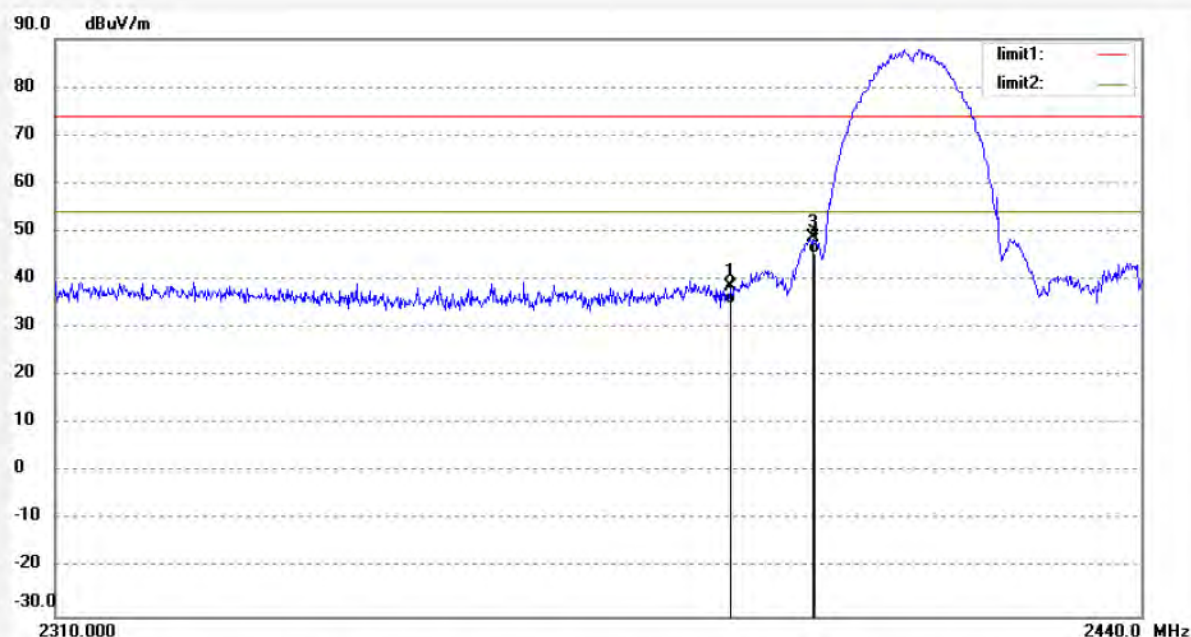
Date: 12/10/19/

Time: 6/11/42

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	46.11	-7.53	38.58	74.00	-35.42	peak			
2	2390.000	42.54	-7.53	35.01	54.00	-18.99	AVG			
3	2400.000	56.33	-7.46	48.87	74.00	-25.13	peak			
4	2400.000	52.78	-7.46	45.32	54.00	-8.68	AVG			



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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #329

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11B (CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

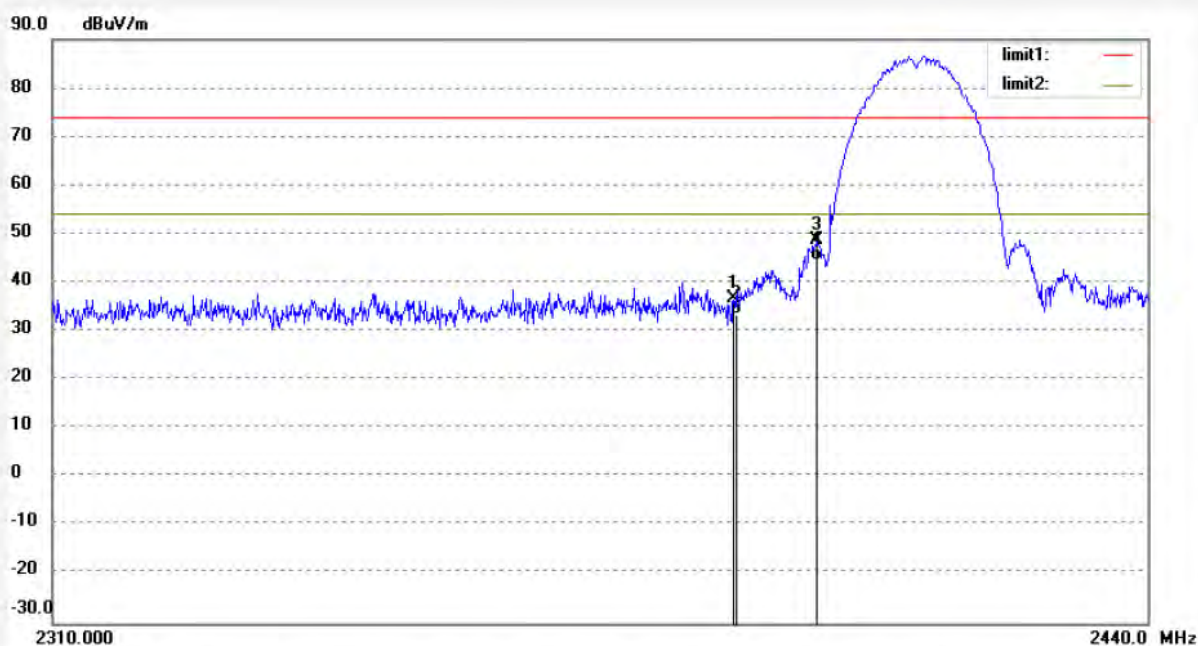
Date: 12/10/19/

Time: 6/10/35

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	44.21	-7.53	36.68	74.00	-37.32	peak			
2	2390.000	41.02	-7.53	33.49	54.00	-20.51	AVG			
3	2400.000	56.32	-7.46	48.86	74.00	-25.14	peak			
4	2400.000	52.12	-7.46	44.66	54.00	-9.34	AVG			



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

Job No.: rucky2 #331

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11B (CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

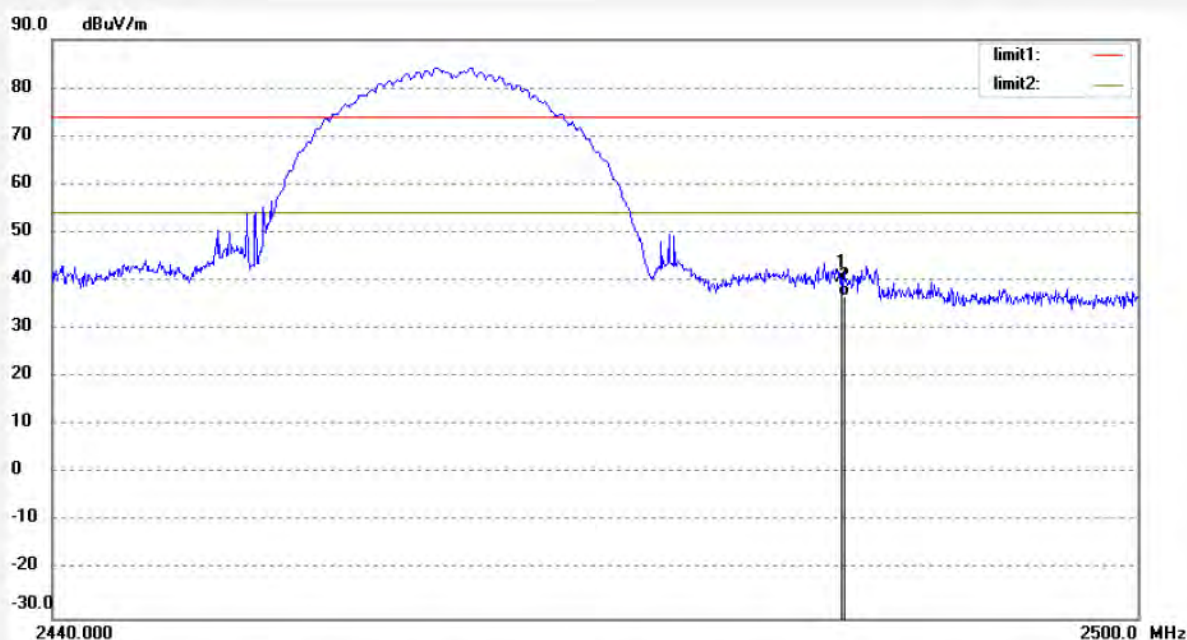
Date: 12/10/19/

Time: 6/14/03

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	48.02	-7.37	40.65	74.00	-33.35	peak			
2	2483.500	44.11	-7.37	36.74	54.00	-17.26	AVG			


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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #332

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11B (CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

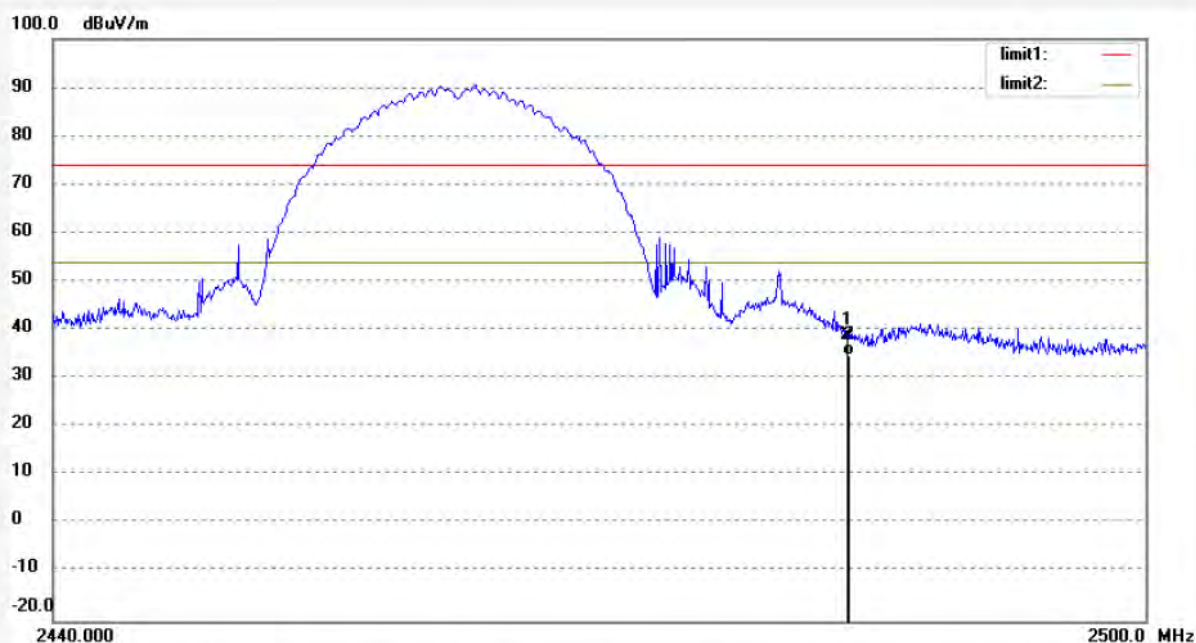
Date: 12/10/19/

Time: 6/15/14

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.32	-7.37	38.95	74.00	-35.05	peak			
2	2483.500	42.17	-7.37	34.80	54.00	-19.20	AVG			



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

Job No.: rucky2 #335

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11G(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

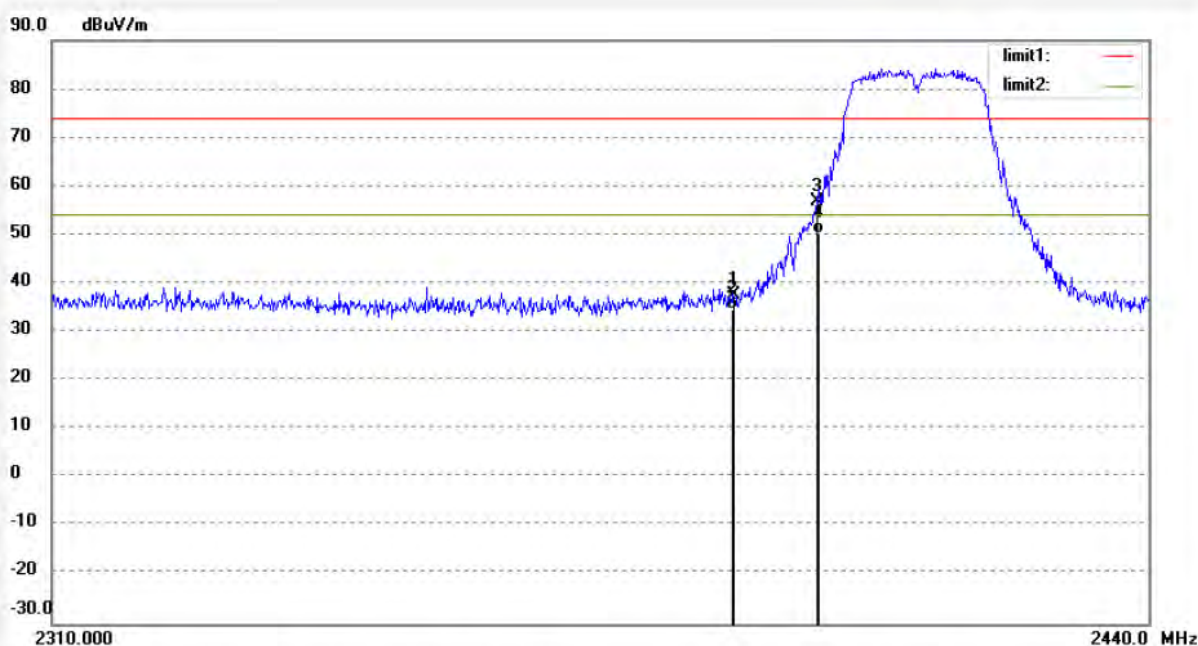
Date: 12/10/19/

Time: 6/21/28

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	45.33	-7.53	37.80	74.00	-36.20	peak			
2	2390.000	42.10	-7.53	34.57	54.00	-19.43	AVG			
3	2400.000	64.23	-7.46	56.77	74.00	-17.23	peak			
4	2400.000	57.65	-7.46	50.19	54.00	-3.81	AVG			



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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #336

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11G(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

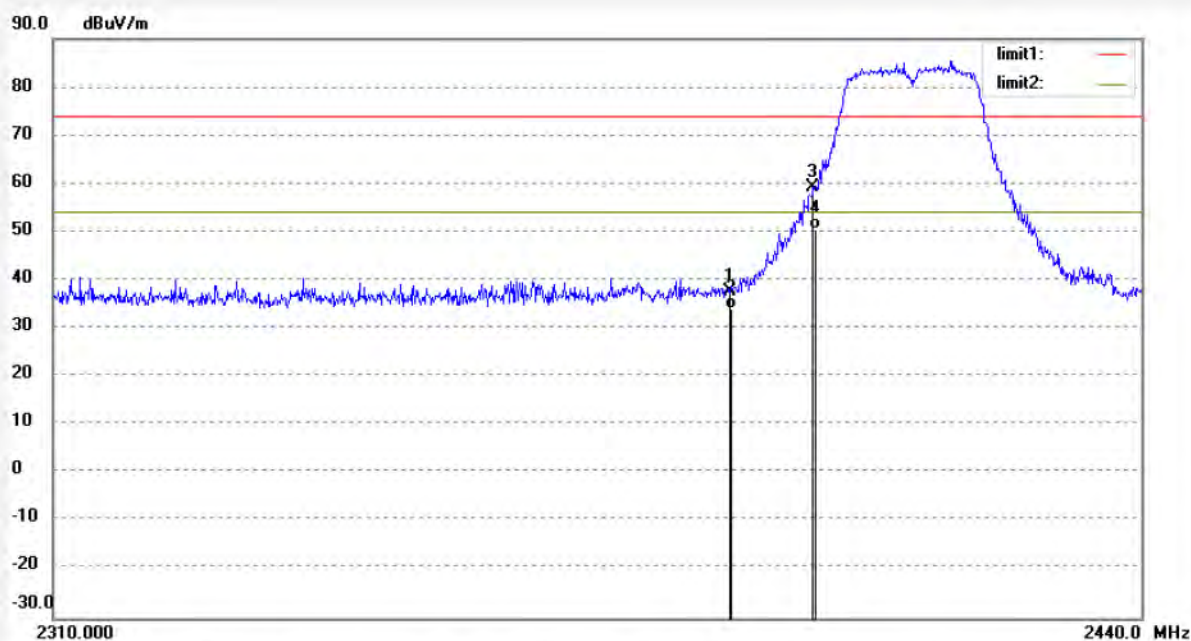
Date: 12/10/19/

Time: 6/23/02

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	45.23	-7.53	37.70	74.00	-36.30	peak			
2	2390.000	41.66	-7.53	34.13	54.00	-19.87	AVG			
3	2400.000	66.77	-7.46	59.31	74.00	-14.69	peak			
4	2400.000	58.12	-7.46	50.66	54.00	-3.34	AVG			



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

Job No.: rucky2 #333

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11G(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

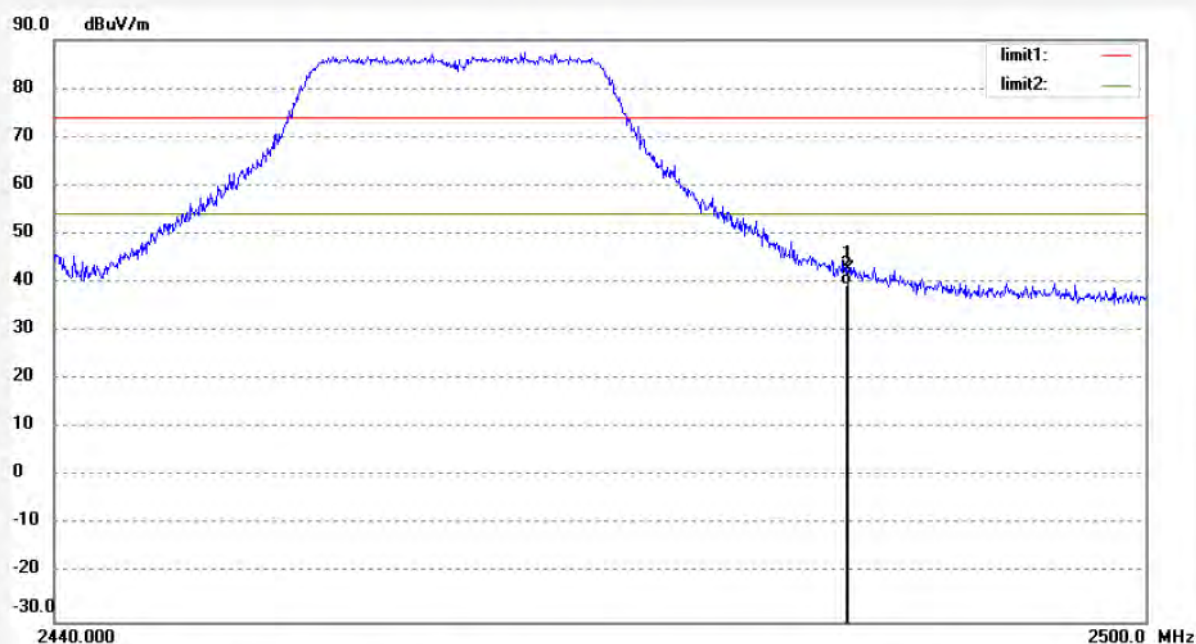
Date: 12/10/19/

Time: 6/17/52

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	50.12	-7.37	42.75	74.00	-31.25	peak			
2	2483.500	46.86	-7.37	39.49	54.00	-14.51	AVG			



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

Job No.: rucky2 #334

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11G(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

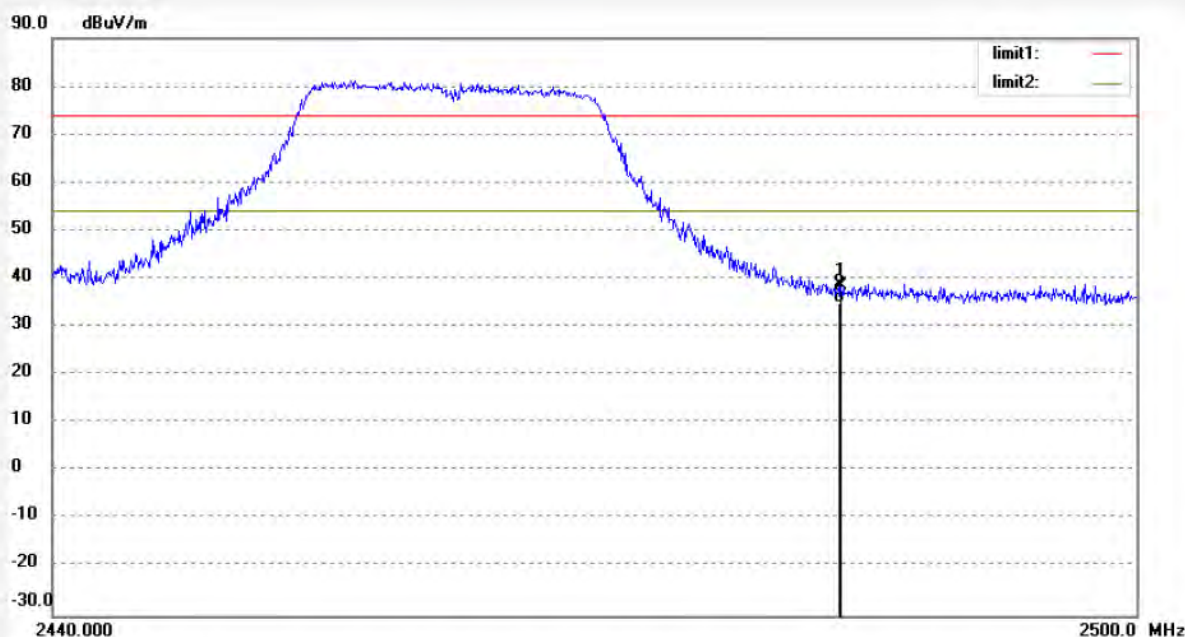
Date: 12/10/19/

Time: 6/19/19

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	45.89	-7.37	38.52	74.00	-35.48	peak			
2	2483.500	42.36	-7.37	34.99	54.00	-19.01	AVG			



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Site: 966 chamber
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Job No.: rucky2 #337

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N20(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

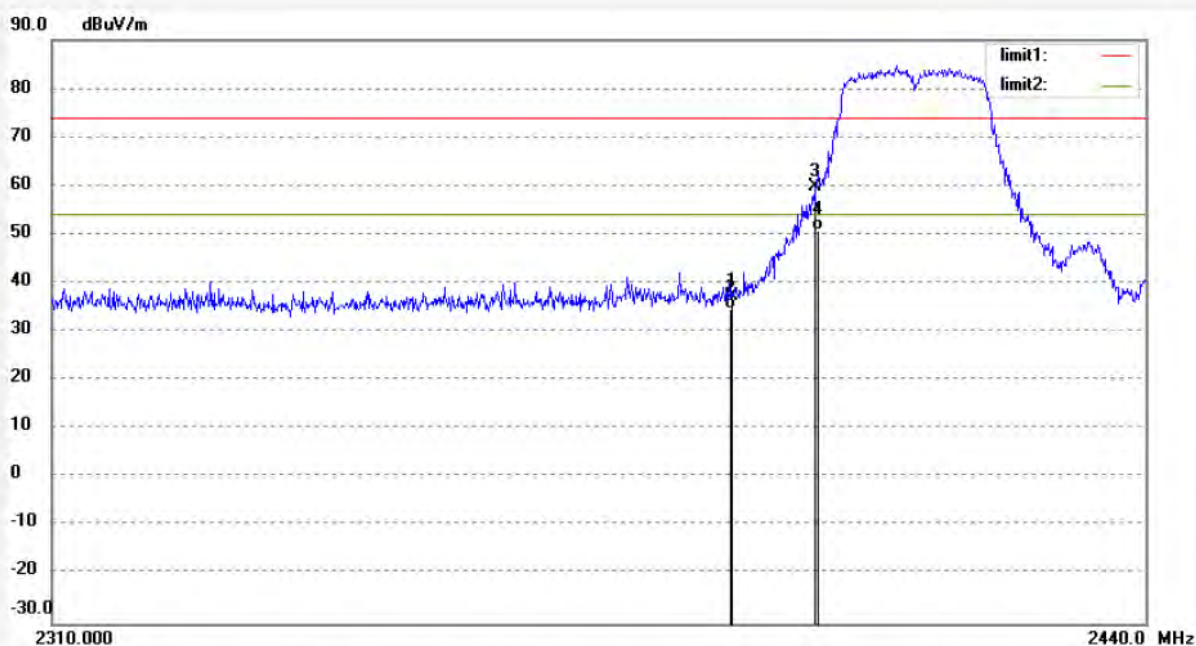
Date: 12/10/19/

Time: 6/26/49

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	44.91	-7.53	37.38	74.00	-36.62	peak			
2	2390.000	42.12	-7.53	34.59	54.00	-19.41	AVG			
3	2400.000	67.23	-7.46	59.77	74.00	-14.23	peak			
4	2400.000	58.35	-7.46	50.89	54.00	-3.11	AVG			



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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #338

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N20(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

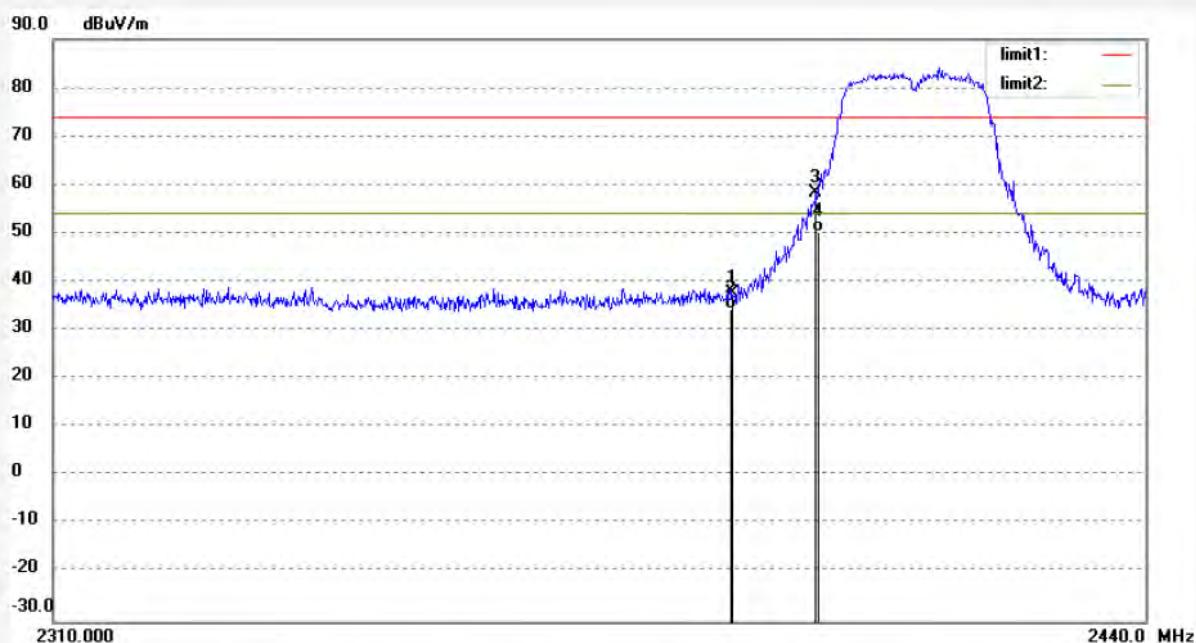
Date: 12/10/19/

Time: 6/27/59

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2390.000	45.21	-7.53	37.68	74.00	-36.32	peak			
2	2390.000	41.99	-7.53	34.46	54.00	-19.54	AVG			
3	2400.000	65.75	-7.46	58.29	74.00	-15.71	peak			
4	2400.000	57.63	-7.46	50.17	54.00	-3.83	AVG			



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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #339

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N20(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

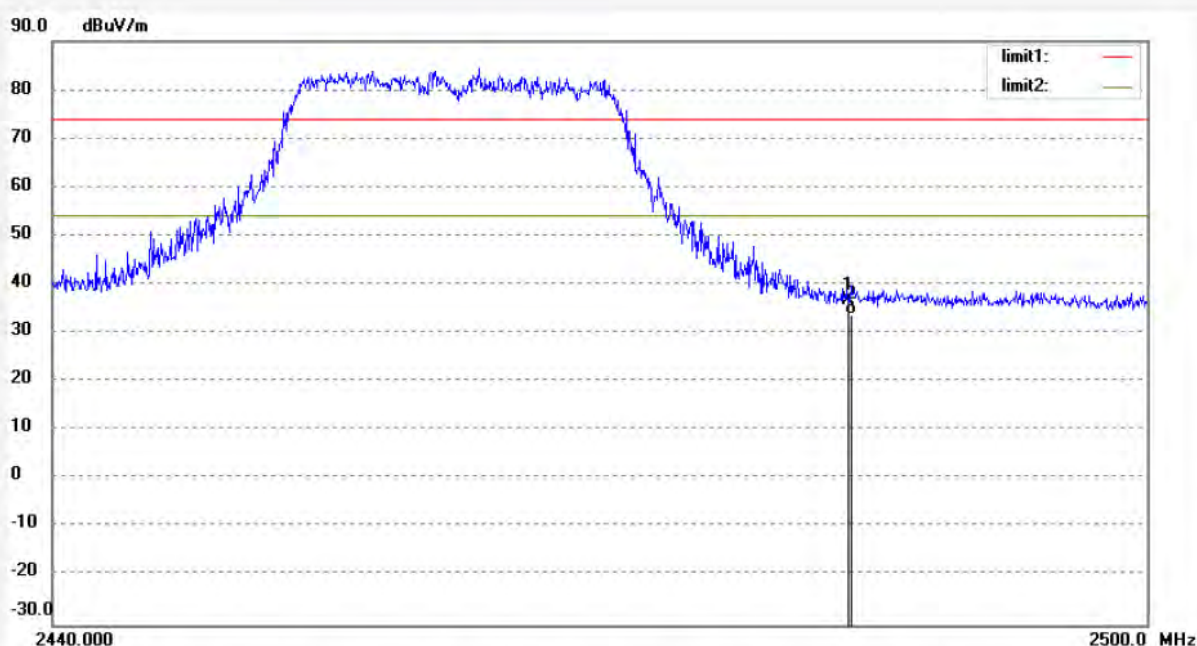
Date: 12/10/19/

Time: 6/30/12

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	44.23	-7.37	36.86	74.00	-37.14	peak			
2	2483.500	41.22	-7.37	33.85	54.00	-20.15	AVG			



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

Job No.: rucky2 #340

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N20(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

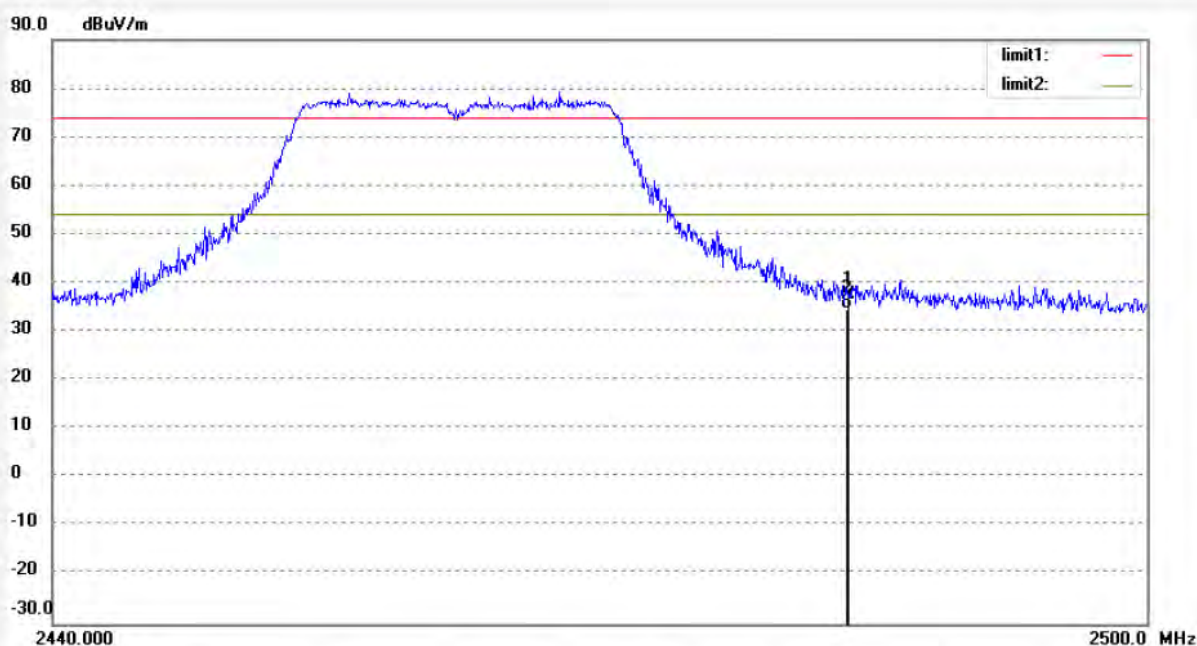
Date: 12/10/19/

Time: 6/34/16

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	45.01	-7.37	37.64	74.00	-36.36	peak			
2	2483.500	42.00	-7.37	34.63	54.00	-19.37	AVG			


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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #343

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N40(CH3)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

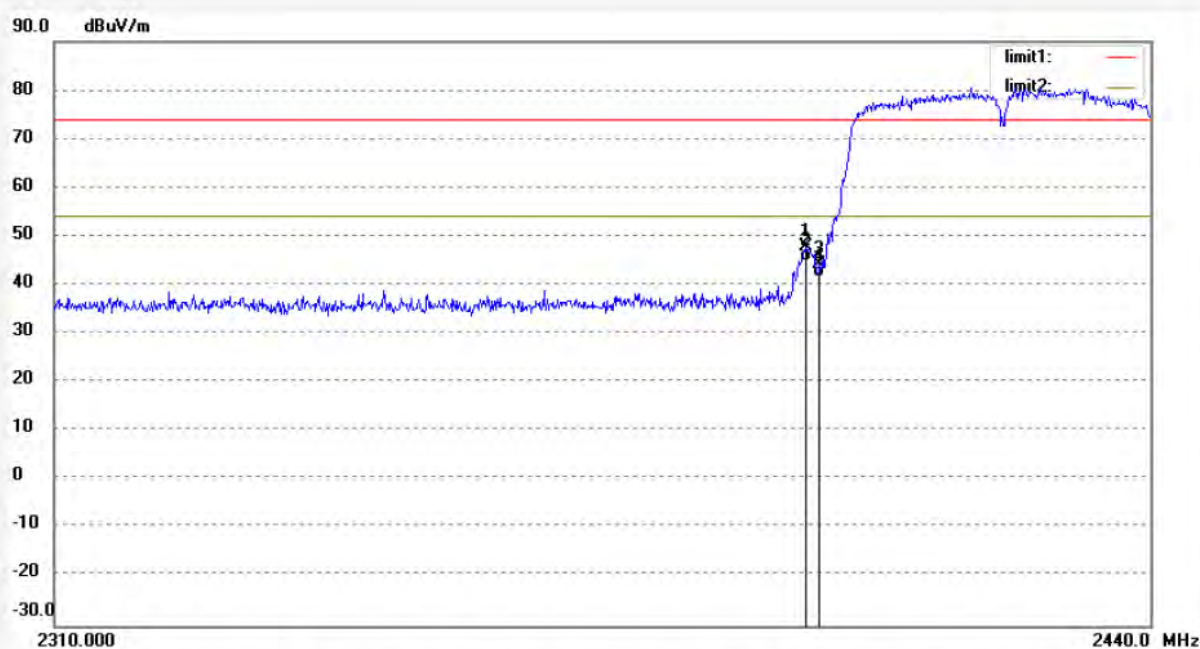
Date: 12/10/19/

Time: 9/40/53

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.328	55.33	-7.47	47.86	74.00	-26.14	peak			
2	2398.328	52.45	-7.47	44.98	54.00	-9.02	AVG			
3	2400.000	51.78	-7.46	44.32	74.00	-29.68	peak			
4	2400.000	48.88	-7.46	41.42	54.00	-12.58	AVG			



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

Job No.: rucky2 #344

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N40(CH3)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

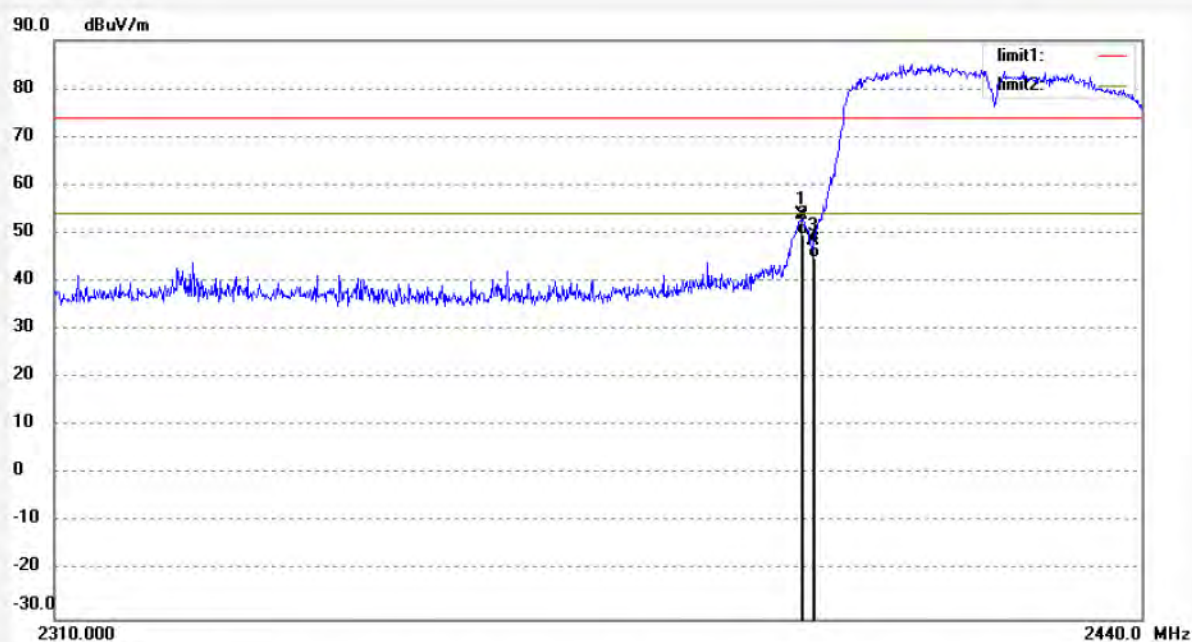
Date: 12/10/19/

Time: 6/43/03

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2398.591	61.21	-7.47	53.74	74.00	-20.26	peak			
2	2398.591	56.98	-7.47	49.51	54.00	-4.49	AVG			
3	2400.000	56.06	-7.46	48.60	74.00	-25.40	peak			
4	2400.000	52.28	-7.46	44.82	54.00	-9.18	AVG			


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

Job No.: rucky2 #341

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N40(CH9)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

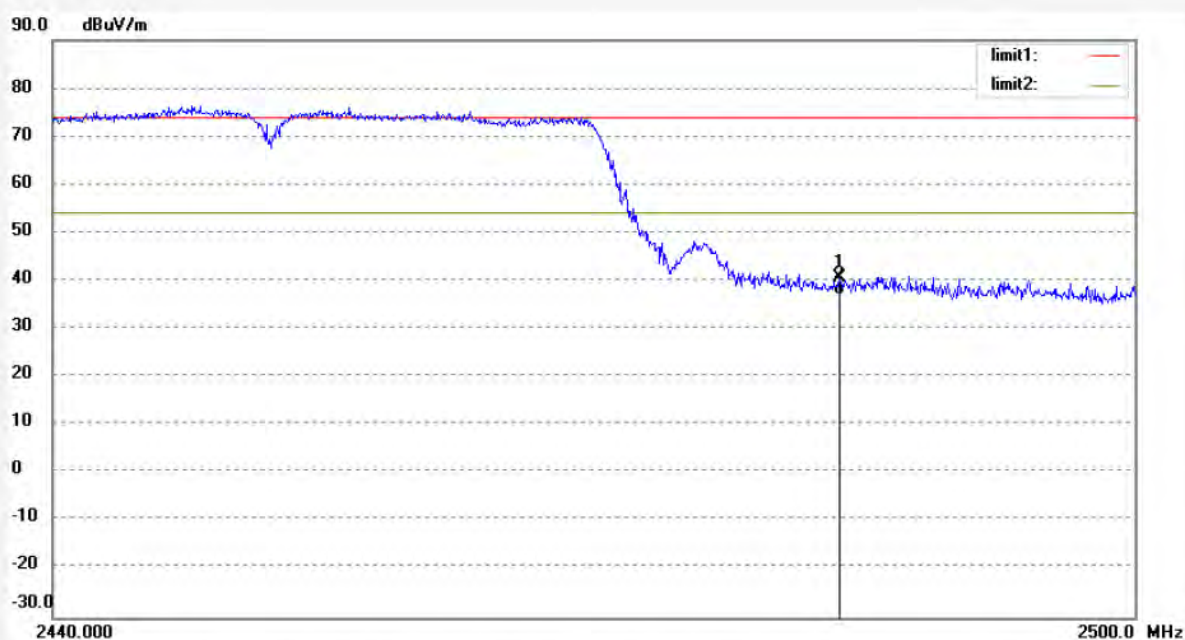
Date: 12/10/19/

Time: 6/37/16

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	47.95	-7.37	40.58	74.00	-33.42	peak			
2	2483.500	44.43	-7.37	37.06	54.00	-16.94	AVG			



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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #342

Standard: FCC PART 15B (PK)

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11N40(CH9)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

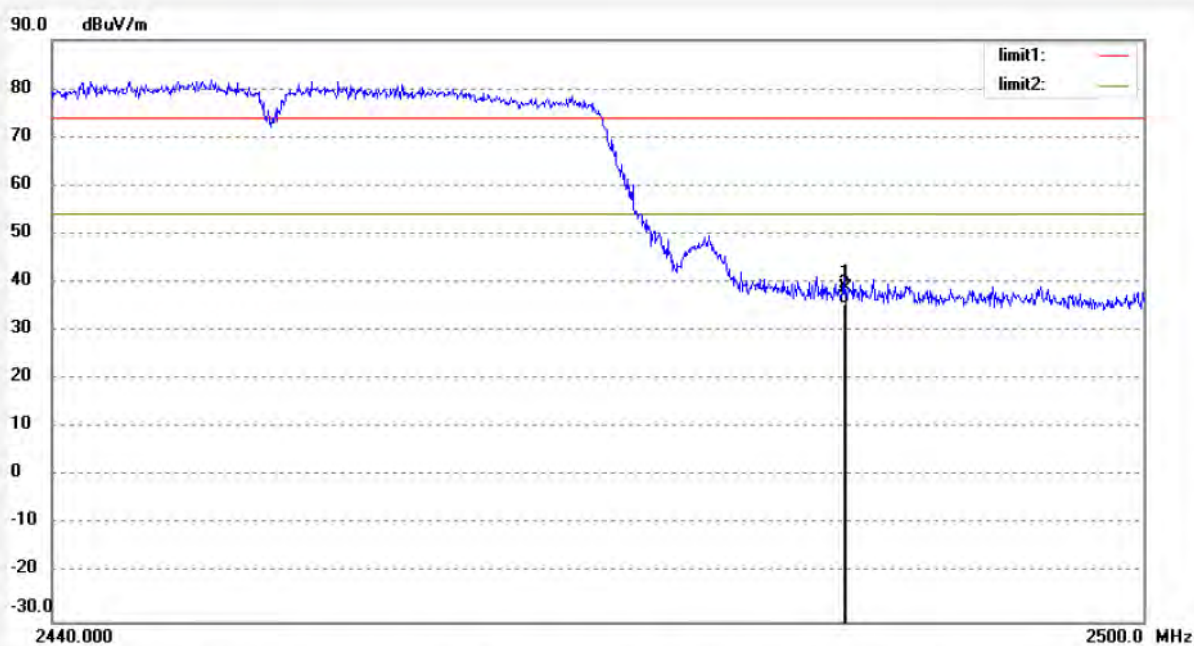
Date: 12/10/19/

Time: 6/38/49

Engineer Signature: Ricky

Distance: 3m

Note:

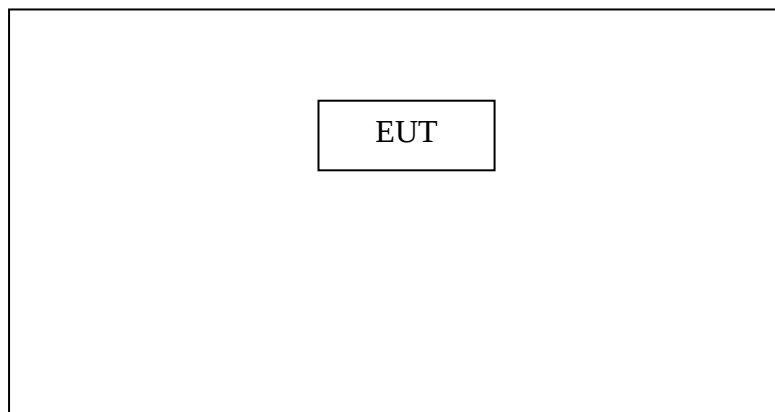


No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	2483.500	46.23	-7.37	38.86	74.00	-35.14	peak			
2	2483.500	42.89	-7.37	35.52	54.00	-18.48	AVG			

9. RADIATED SPURIOUS EMISSION TEST

9.1. Block Diagram of Test Setup

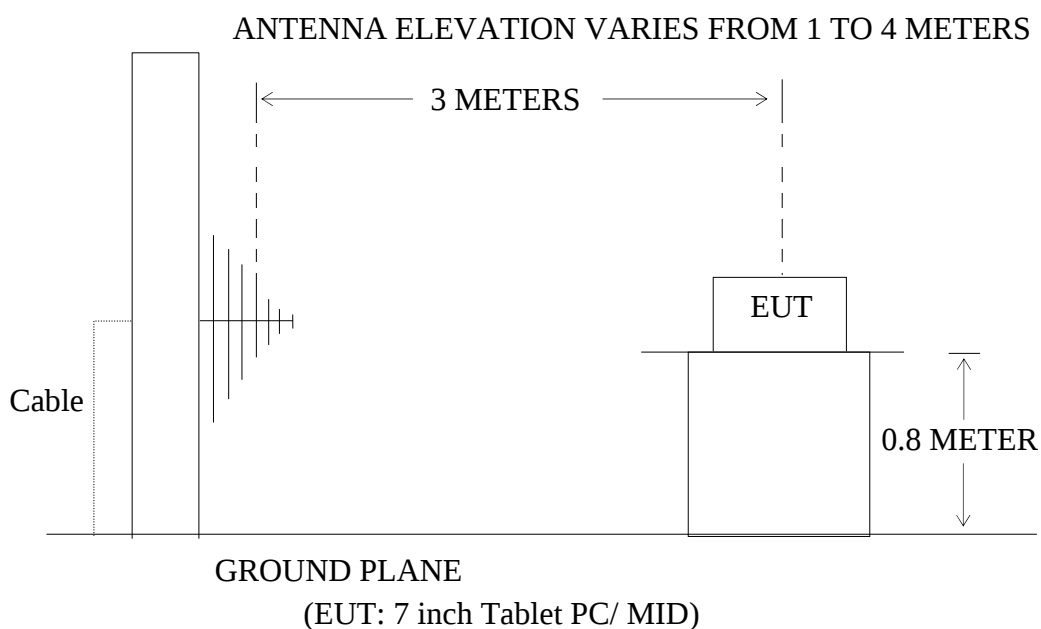
9.1.1. Block diagram of connection between the EUT and peripherals



Setup: Transmitting mode

(EUT: 7 Inch Tablet PC/MID)

9.1.2. Semi-Anechoic Chamber Test Setup Diagram



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			

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

²Above 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 Section 15.209 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.

9.4.1.7 inch Tablet PC/ MID (EUT)

Model Number : SM708
 Serial Number : N/A
 Manufacturer : Superinworld Technology Co., Ltd

9.5.Operating Condition of EUT

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

9.5.2.Turn on the power of all equipment.

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

9.6.Test Procedure

The EUT and its simulators are placed on a turntable, which is 0.8 meter high above ground. The turntable can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on an antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (calibrated bilog antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4: 2003 on radiated emission measurement. The EUT was tested in 3 orthogonal planes.

The worst-case data rate for this channel to be 1Mbps for 802.11b mode and 6Mbps for 802.11g mode and 300Mbps for 802.11n mode, based on previous with 802.11 WLAN product design architectures.

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

The frequency range from 9 kHz to 25GHz is checked.

The final measurement in band 9-90 kHz, 110-490 kHz 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:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Low 2412MHz	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	22.27	11.48	33.75	43.50	-9.75	Vertical
215.3616	23.24	14.62	37.86	43.50	-5.64	Vertical
776.4849	15.15	27.84	42.99	43.50	-3.01	Vertical
143.7760	24.17	11.48	35.65	43.50	-7.85	Horizontal
353.4471	14.08	21.01	35.09	46.00	-10.91	Horizontal
640.0396	15.40	26.08	41.48	46.00	-4.52	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

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

2. *: Denotes restricted band of operation.

3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel Middle 2437MHz	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	23.83	11.48	35.31	43.50	-8.19	Vertical
215.3616	24.93	14.62	39.55	43.50	-3.95	Vertical
640.0396	16.48	26.08	42.56	43.50	-3.44	Vertical
143.2717	24.99	11.48	36.47	43.50	-7.03	Horizontal
353.4471	16.46	21.01	37.47	43.50	-8.53	Horizontal
640.0396	14.20	26.08	40.28	46.00	-5.72	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11b Channel High 2462MHz	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	23.18	11.48	34.66	43.50	-8.84	Vertical
215.3616	24.63	14.62	39.25	43.50	-4.25	Vertical
776.4849	15.10	27.84	42.94	46.00	-3.06	Vertical
215.3616	24.63	14.62	39.25	43.50	-4.25	Horizontal
353.4471	19.05	21.01	40.06	43.50	-5.94	Horizontal
642.2923	16.29	26.08	42.37	46.00	-3.63	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Low 2412MHz	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	22.96	11.48	34.44	43.50	-9.06	Vertical
215.3616	25.44	14.62	40.06	43.50	-3.44	Vertical
776.4849	15.16	27.84	43.00	46.00	-3.00	Vertical
143.7760	24.69	11.48	36.17	43.50	-7.33	Horizontal
353.4471	15.92	21.01	36.93	46.00	-9.07	Horizontal
640.0396	16.61	26.08	42.69	46.00	-3.31	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel Middle 2437MHz	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	23.59	11.48	35.07	43.50	-8.43	Vertical
215.3616	24.21	14.62	38.83	43.50	-4.67	Vertical
776.4849	15.09	27.84	42.93	46.00	-3.07	Vertical
143.7760	23.71	11.48	35.19	43.50	-8.31	Horizontal
239.3020	14.80	16.77	31.57	46.00	-14.43	Horizontal
640.0396	16.15	26.08	42.23	46.00	-3.77	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11g Channel High 2462MHz	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	23.63	11.48	35.11	43.50	-8.39	Vertical
215.3616	25.40	14.62	40.02	43.50	-3.48	Vertical
776.4849	15.10	27.84	42.94	46.00	-3.06	Vertical
143.7760	23.94	11.48	35.42	43.50	-8.08	Horizontal
353.4471	14.36	21.01	35.37	46.00	-10.63	Horizontal
640.0396	16.26	26.08	42.34	46.00	-3.66	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2412MHz (20MHz)	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	23.24	11.48	34.72	43.50	-8.78	Vertical
215.3616	24.79	14.62	39.41	43.50	-4.09	Vertical
776.4849	15.08	27.84	42.92	46.00	-3.08	Vertical
143.7760	25.27	11.48	36.75	43.50	-6.75	Horizontal
353.4471	17.56	21.01	38.57	46.00	-7.43	Horizontal
640.0396	16.55	26.08	42.63	46.00	-3.37	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Middle 2437MHz (20MHz)	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	23.59	11.48	35.07	43.50	-8.43	Vertical
215.3616	23.66	14.62	38.28	43.50	-5.22	Vertical
776.4849	15.00	27.84	42.84	46.00	-3.16	Vertical
143.7760	24.48	11.48	35.96	43.50	-7.54	Horizontal
283.2637	22.67	18.38	41.05	46.00	-4.95	Horizontal
640.0396	16.83	26.08	42.91	46.00	-3.09	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2462MHz (20MHz)	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	22.97	11.48	34.45	43.50	-9.05	Vertical
215.3616	23.79	14.62	38.41	43.50	-5.09	Vertical
640.0396	16.87	26.08	42.95	46.00	-3.05	Vertical
143.7760	25.19	11.48	36.67	43.50	-6.83	Horizontal
353.4471	15.76	21.01	36.77	46.00	-9.23	Horizontal
640.0396	16.32	26.08	42.40	46.00	-3.60	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Low 2422MHz (40MHz)	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	23.03	11.48	34.51	43.50	-8.99	Vertical
215.3616	23.67	14.62	38.29	43.50	-5.21	Vertical
776.4849	14.83	27.84	42.67	46.00	-3.33	Vertical
143.7760	24.65	11.48	36.13	43.50	-7.37	Horizontal
353.4471	15.98	21.01	36.99	46.00	-9.01	Horizontal
640.0396	16.78	26.08	42.86	46.00	-3.14	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel Middle 2437MHz (40MHz)	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.2717	21.97	11.48	33.45	43.50	-10.05	Vertical
215.3616	21.35	14.62	35.97	43.50	-7.53	Vertical
776.4849	15.05	27.84	42.89	46.00	-3.11	Vertical
143.7760	25.15	11.48	36.63	43.50	-6.87	Horizontal
353.4471	16.88	21.01	37.89	46.00	-8.11	Horizontal
640.0396	16.23	26.08	42.31	46.00	-3.69	Horizontal

For 1GHz-25GHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

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

Note: 1. Emissions attenuated more than 20 dB below the permissible value are not reported.**2. *: Denotes restricted band of operation.****3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.**

Date of Test:	Oct 19, 2012	Temperature:	25°C
EUT:	7 inch Tablet PC/ MID	Humidity:	50%
Model No.:	SM708	Power Supply:	AC 120V/60HZ
Test Mode:	802.11n Channel High 2452MHz (40MHz)	Test Engineer:	Ricky

For Below 30MHz

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

For 30MHz-1000MHz

Corrected Factor = Antenna Factor + Cable Loss – Amplifier Gain

Frequency (MHz)	Reading (dBμV/m)	Factor Corr. (dB)	Result (dBμV/m)	Limit (dBμV/m)	Margin (dB)	Polarization
	QP		QP	QP	QP	
143.7760	22.95	11.48	34.43	43.50	-9.07	Vertical
215.3616	23.57	14.62	38.19	43.50	-5.31	Vertical
640.0396	15.21	26.08	41.29	46.00	-4.71	Vertical
143.7760	24.90	11.48	36.38	43.50	-7.12	Horizontal
353.4471	16.33	21.01	37.34	46.00	-8.66	Horizontal
640.0396	16.86	26.08	42.94	46.00	-3.06	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	
-	-	-	-	-	-	-	-	-	-	Vertical
-	-	-	-	-	-	-	-	-	-	Horizontal

- Note:** 1. Emissions attenuated more than 20 dB below the permissible value are not reported.
2. *: Denotes restricted band of operation.
3. The fundamental radiated emissions were reduced by 2.4G Band Reject Filter in the attached plots.



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.: rucky2 #256

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11b(CH1)

Model: SM708

Manufacturer: Sunworld Electronics Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/10/19/

Time: 2/57/07

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	22.27	11.48	33.75	43.50	-9.75	QP			
2	215.3616	23.24	14.62	37.86	43.50	-5.64	QP			
3	776.4849	15.15	27.84	42.99	46.00	-3.01	QP			



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

Job No.: rucky2 #257

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11b(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

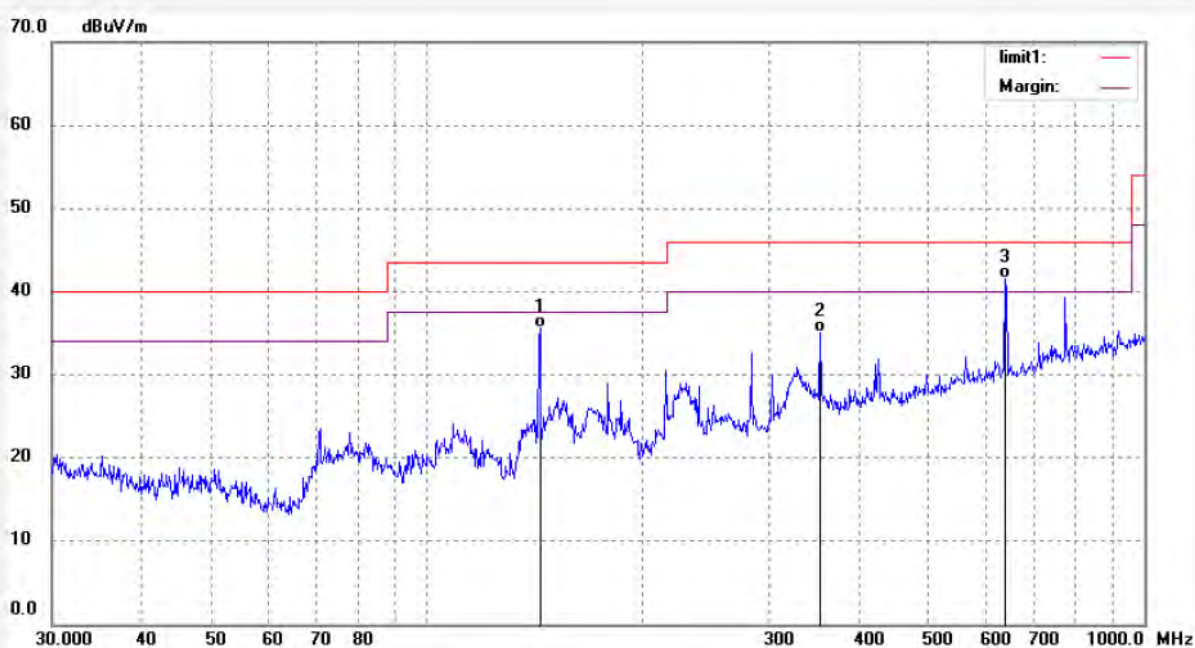
Date: 12/10/19/

Time: 2/59/47

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	24.17	11.48	35.65	43.50	-7.85	QP			
2	353.4471	14.08	21.01	35.09	46.00	-10.91	QP			
3	640.0396	15.40	26.08	41.48	46.00	-4.52	QP			



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

Job No.: rucky2 #258

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11b(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

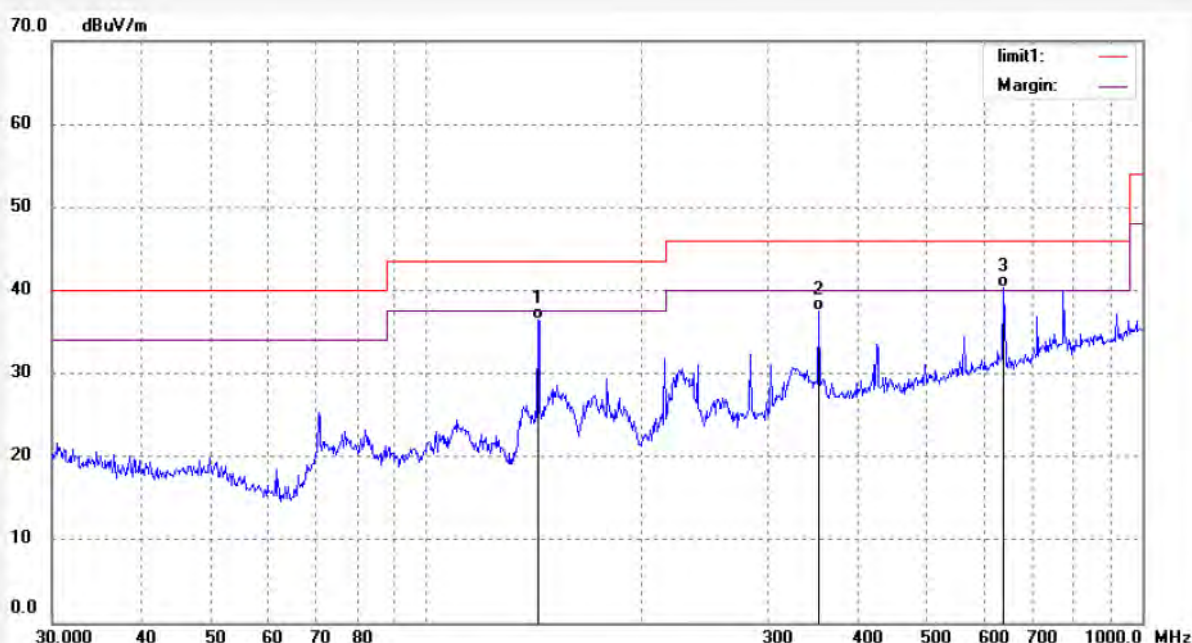
Date: 12/10/19/

Time: 3/02/28

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.2717	24.99	11.48	36.47	43.50	-7.03	QP			
2	353.4471	16.46	21.01	37.47	46.00	-8.53	QP			
3	640.0396	14.20	26.08	40.28	46.00	-5.72	QP			



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

Job No.: rucky2 #259

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11b(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

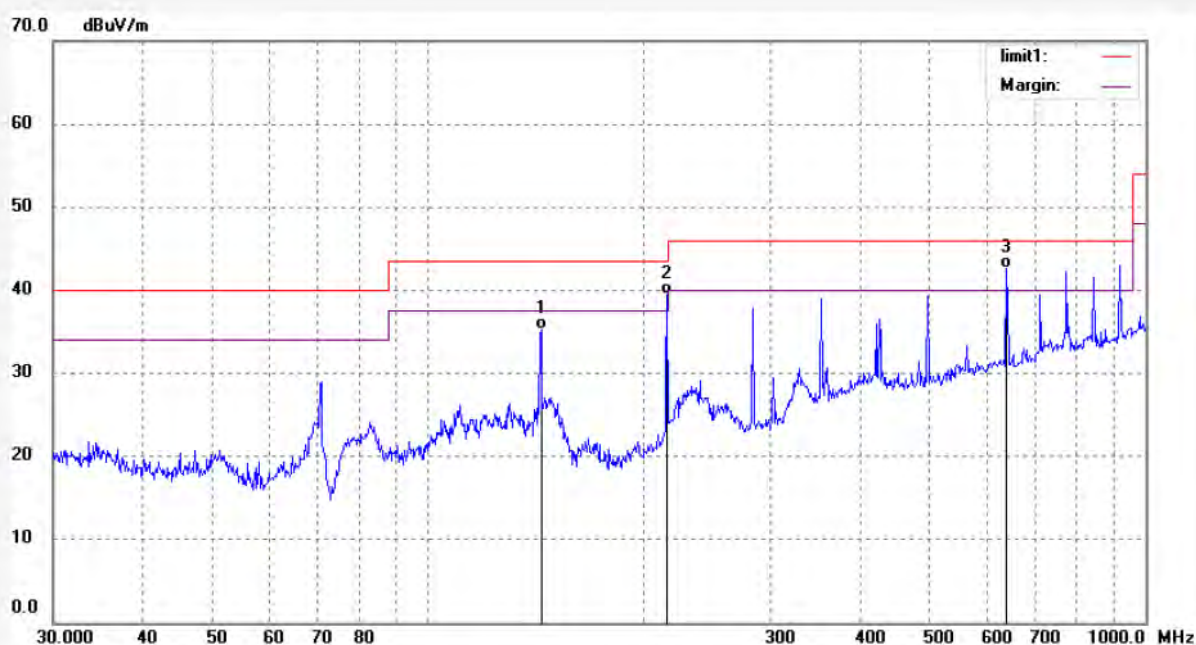
Date: 12/10/19/

Time: 3/06/05

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.83	11.48	35.31	43.50	-8.19	QP			
2	215.3616	24.93	14.62	39.55	43.50	-3.95	QP			
3	640.0396	16.48	26.08	42.56	46.00	-3.44	QP			



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

Job No.: rucky2 #260

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11b(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/10/19/

Time: 3/08/59

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.18	11.48	34.66	43.50	-8.84	QP			
2	215.3616	24.63	14.62	39.25	43.50	-4.25	QP			
3	776.4849	15.10	27.84	42.94	46.00	-3.06	QP			



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

Job No.: rucky2 #261

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11b(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

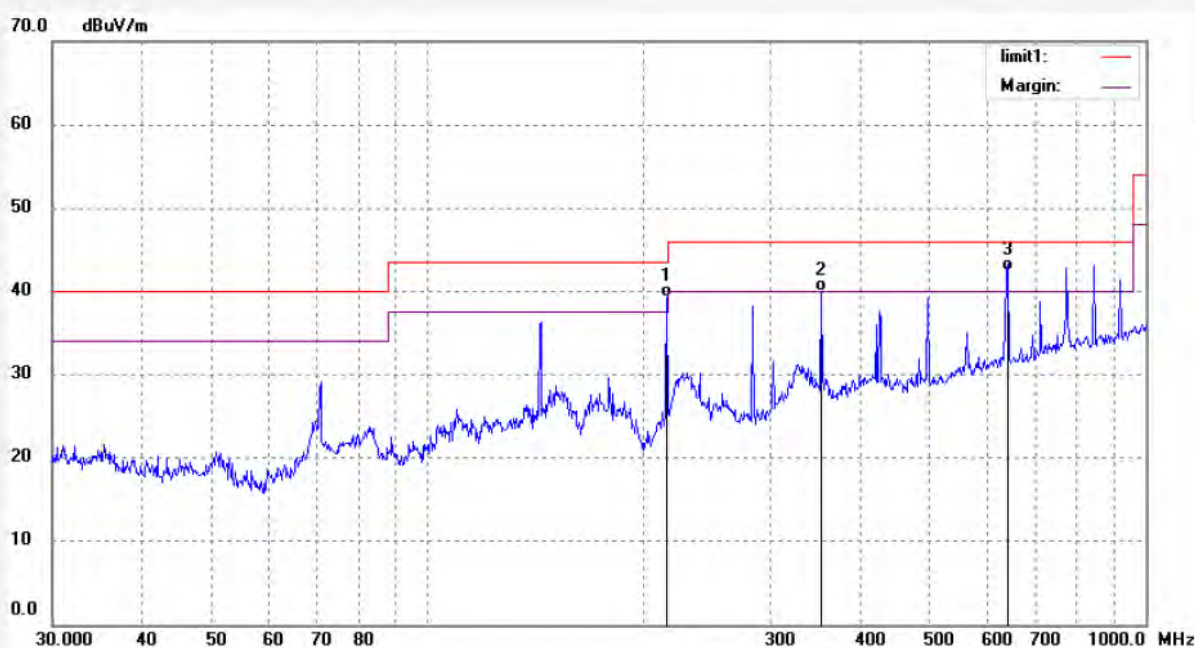
Date: 12/10/19/

Time: 3/12/25

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	215.3616	24.63	14.62	39.25	43.50	-4.25	QP			
2	353.4471	19.05	21.01	40.06	46.00	-5.94	QP			
3	642.2923	16.29	26.08	42.37	46.00	-3.63	QP			



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

Job No.: rucky2 #263

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11g(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

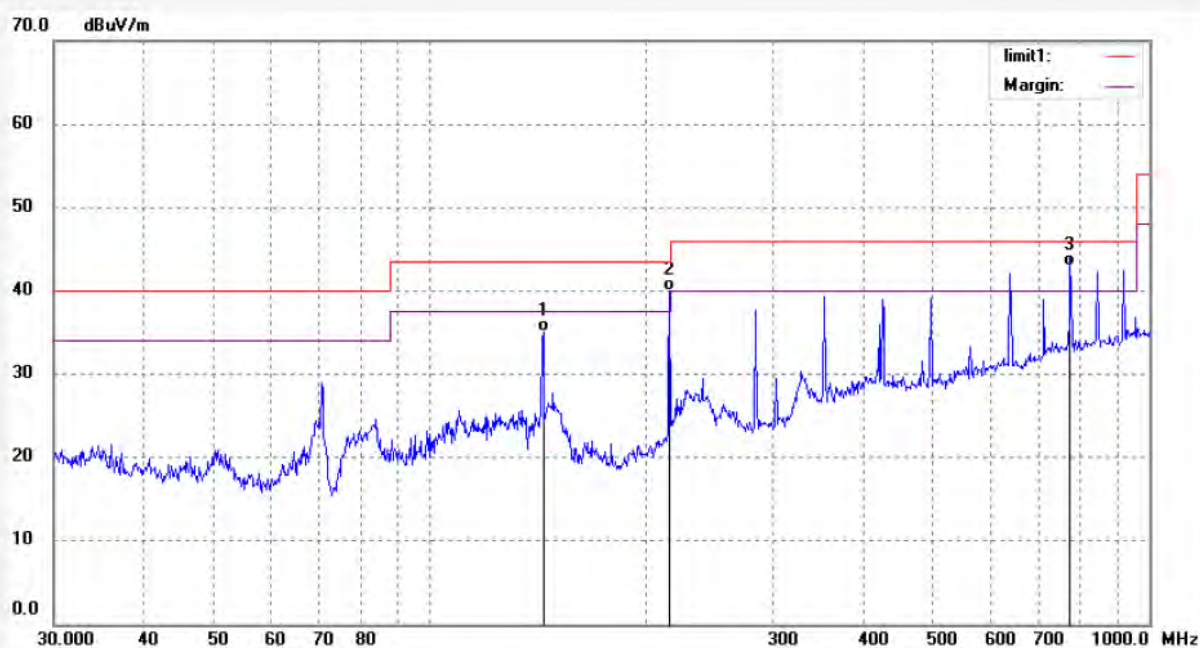
Date: 12/10/19/

Time: 3/18/06

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.63	11.48	35.11	43.50	-8.39	QP			
2	215.3616	25.40	14.62	40.02	43.50	-3.48	QP			
3	776.4849	15.10	27.84	42.94	46.00	-3.06	QP			



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

Job No.: rucky2 #262

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11g(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

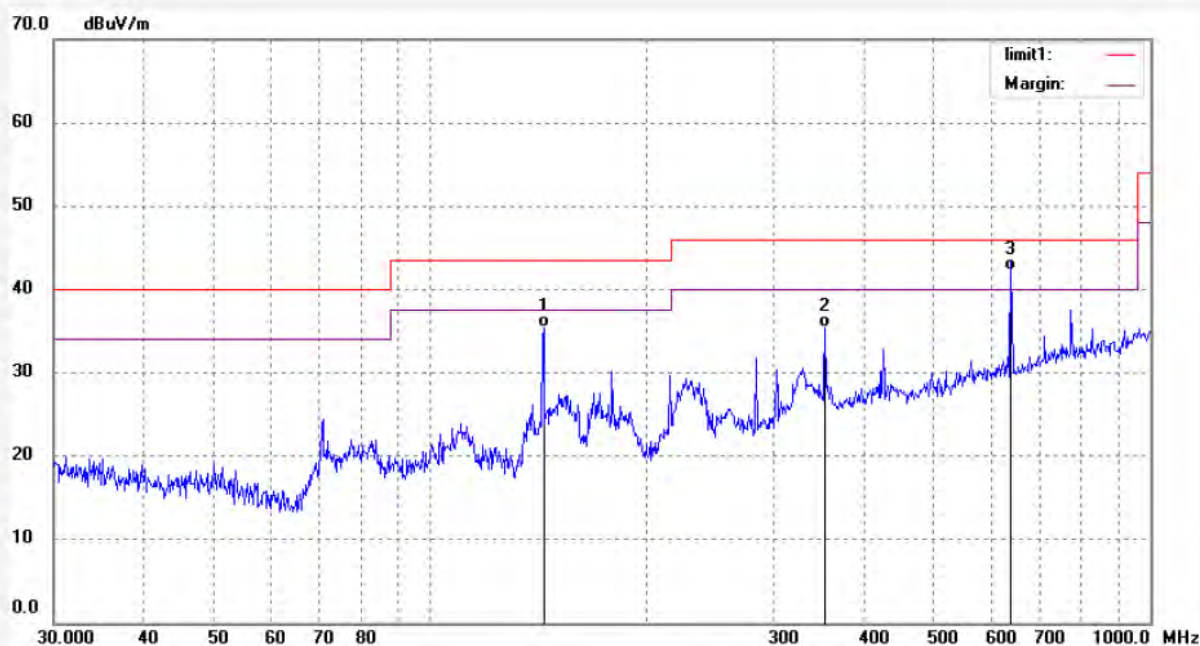
Date: 12/10/19/

Time: 3/15/05

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.94	11.48	35.42	43.50	-8.08	QP			
2	353.4471	14.36	21.01	35.37	46.00	-10.63	QP			
3	640.0396	16.26	26.08	42.34	46.00	-3.66	QP			



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Site: 966 chamber
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Job No.: rucky2 #264

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11g(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

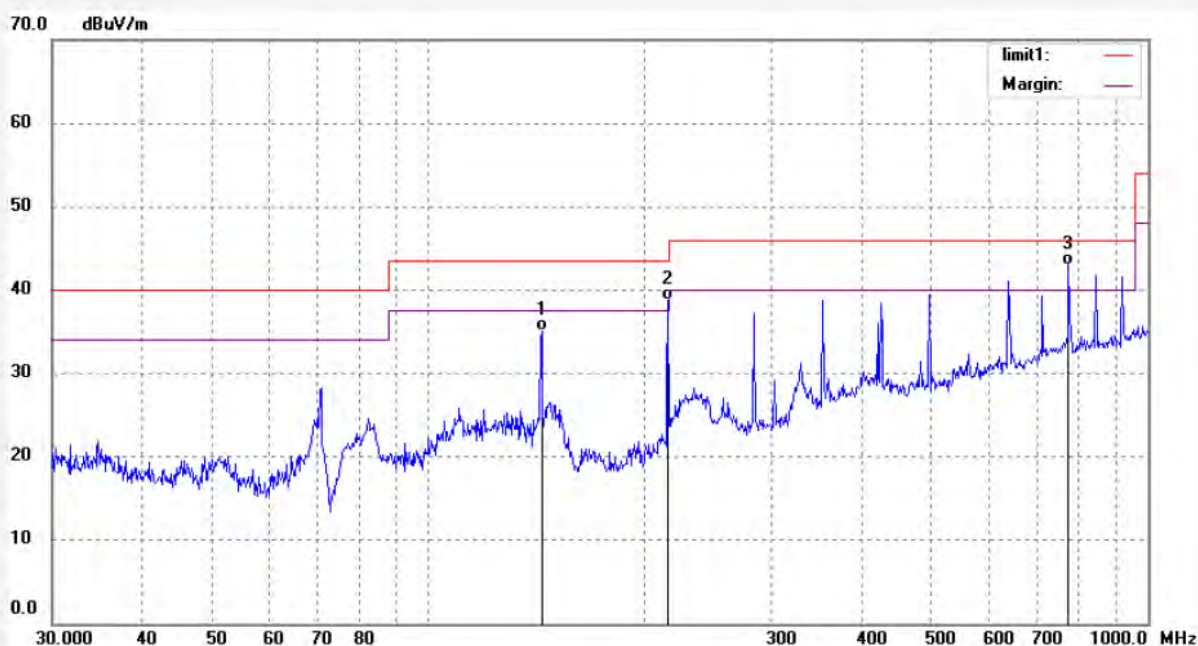
Date: 12/10/19/

Time: 3/20/45

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.59	11.48	35.07	43.50	-8.43	QP			
2	215.3616	24.21	14.62	38.83	43.50	-4.67	QP			
3	776.4849	15.09	27.84	42.93	46.00	-3.07	QP			



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

Job No.: rucky2 #265

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11g(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

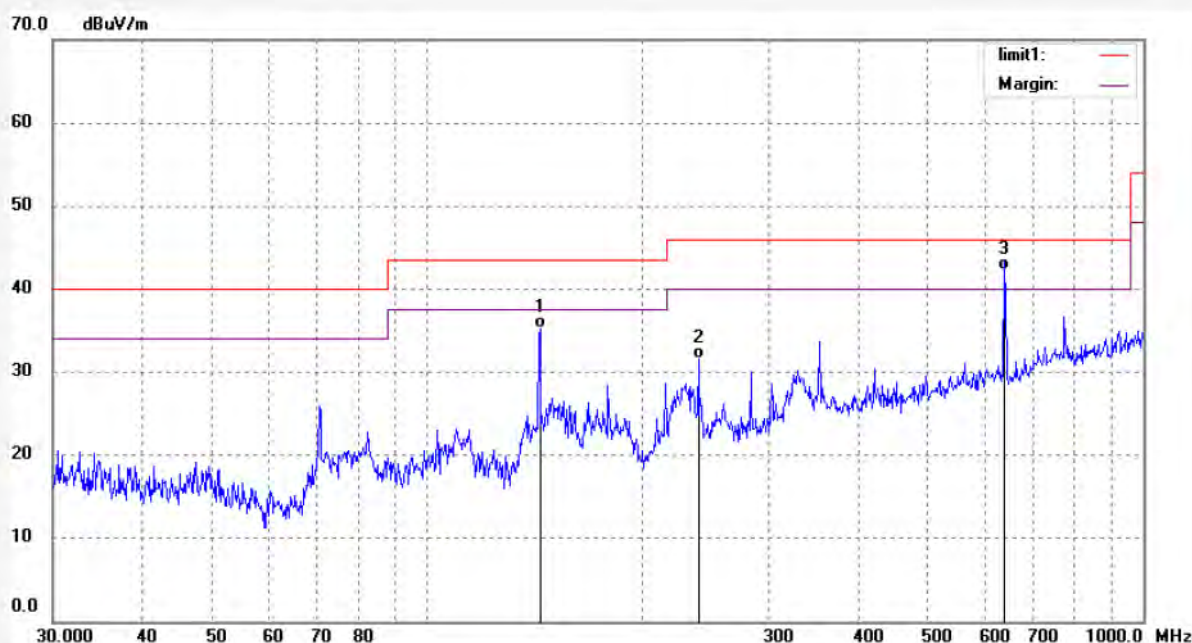
Date: 12/10/19/

Time: 3/25/10

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.71	11.48	35.19	43.50	-8.31	QP			
2	239.3020	14.80	16.77	31.57	46.00	-14.43	QP			
3	640.0396	16.15	26.08	42.23	46.00	-3.77	QP			



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

Job No.: rucky2 #266

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11g(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

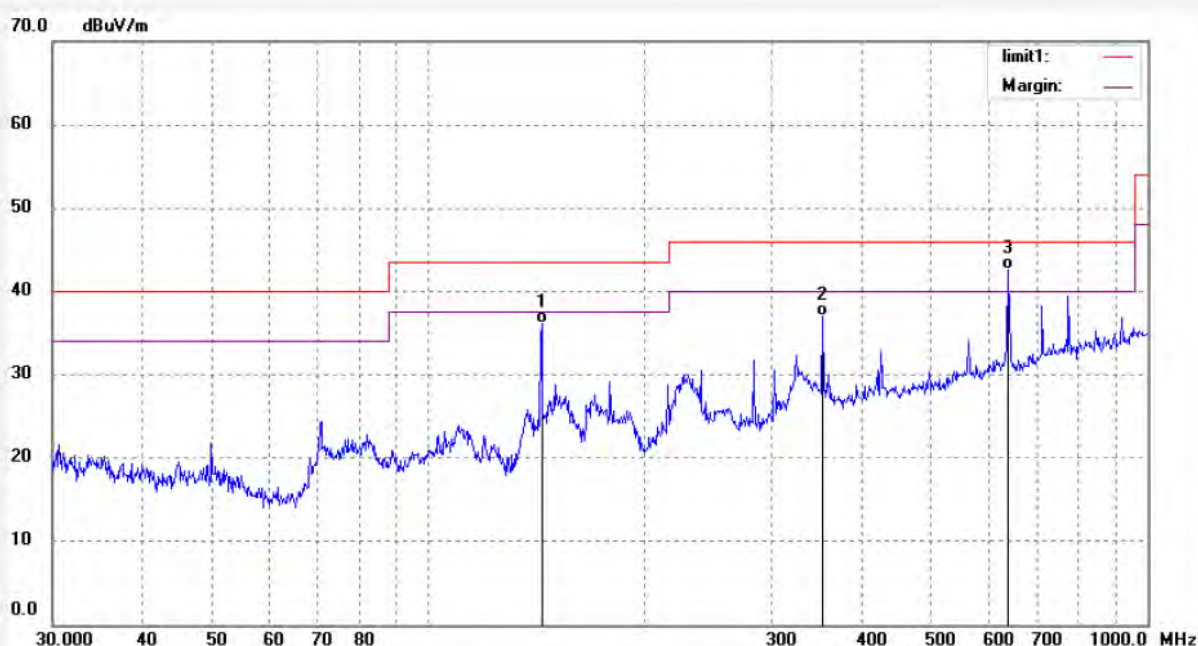
Date: 12/10/19/

Time: 3/27/02

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	24.69	11.48	36.17	43.50	-7.33	QP			
2	353.4471	15.92	21.01	36.93	46.00	-9.07	QP			
3	640.0396	16.61	26.08	42.69	46.00	-3.31	QP			



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

Job No.: rucky2 #267

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11g(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

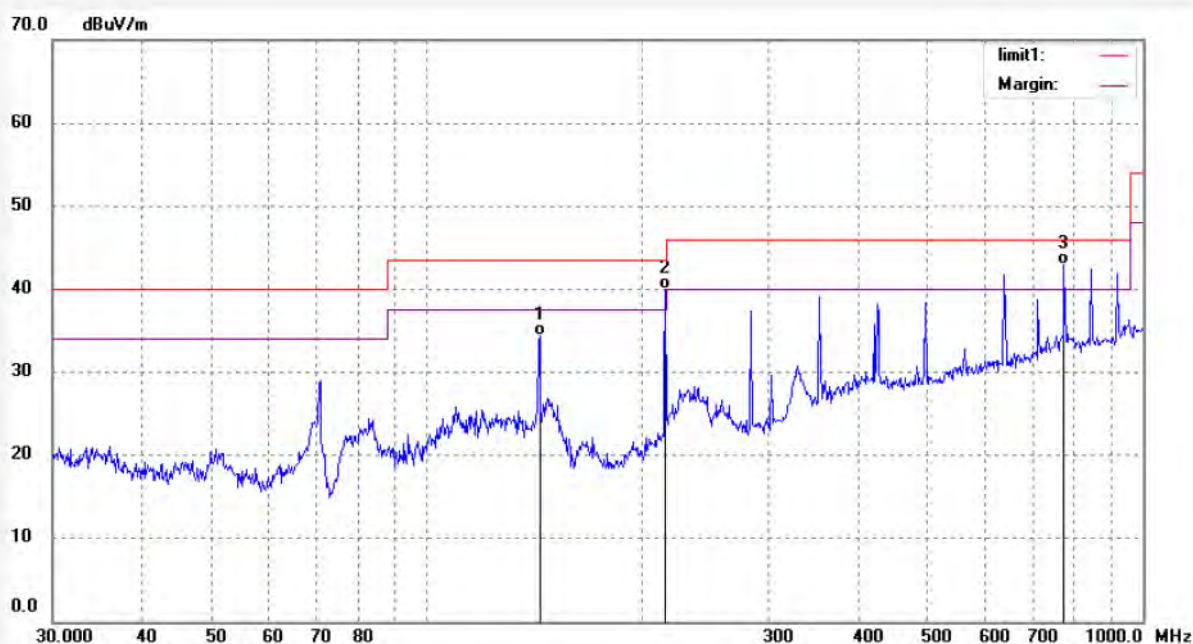
Date: 12/10/19/

Time: 3/29/27

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	22.96	11.48	34.44	43.50	-9.06	QP			
2	215.3616	25.44	14.62	40.06	43.50	-3.44	QP			
3	776.4849	15.16	27.84	43.00	46.00	-3.00	QP			



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

Job No.: rucky2 #268

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n20(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/10/19/

Time: 3/31/44

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.24	11.48	34.72	43.50	-8.78	QP			
2	215.3616	24.79	14.62	39.41	43.50	-4.09	QP			
3	776.4849	15.08	27.84	42.92	46.00	-3.08	QP			



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

Job No.: rucky2 #269

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n20(CH1)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/10/19/

Time: 3/36/13

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	25.27	11.48	36.75	43.50	-6.75	QP			
2	353.4471	17.56	21.01	38.57	46.00	-7.43	QP			
3	640.0396	16.55	26.08	42.63	46.00	-3.37	QP			



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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: rucky2 #270

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n20(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

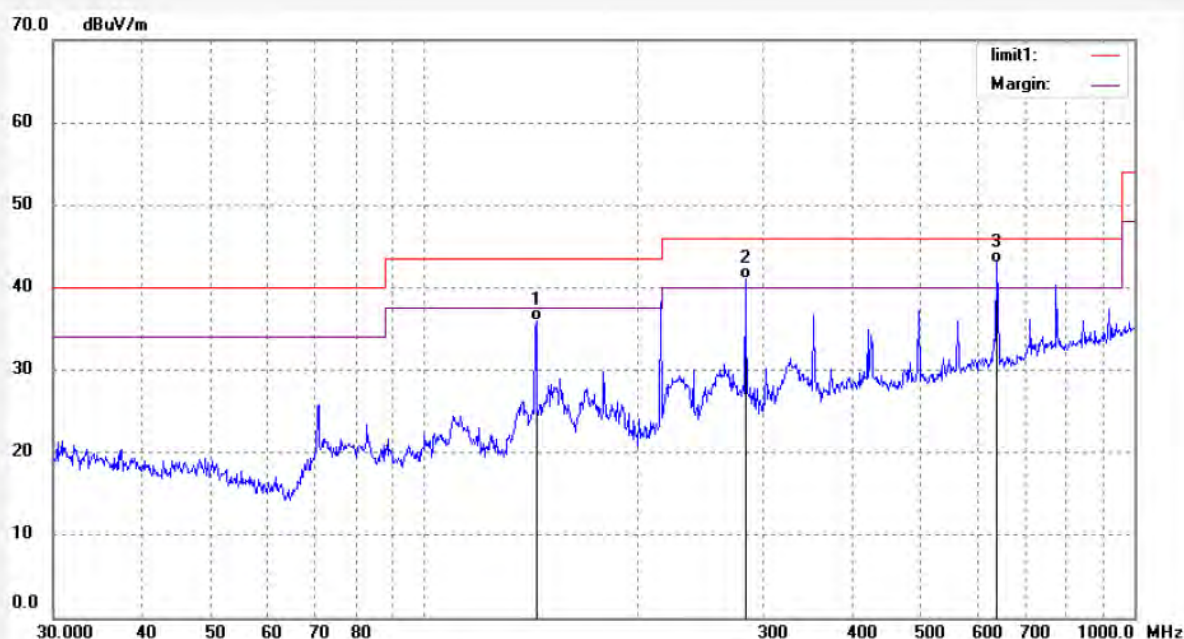
Date: 12/10/19/

Time: 3/38/51

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	24.48	11.48	35.96	43.50	-7.54	QP			
2	283.2637	22.67	18.38	41.05	46.00	-4.95	QP			
3	640.0396	16.83	26.08	42.91	46.00	-3.09	QP			



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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: rucky2 #271

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n20(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

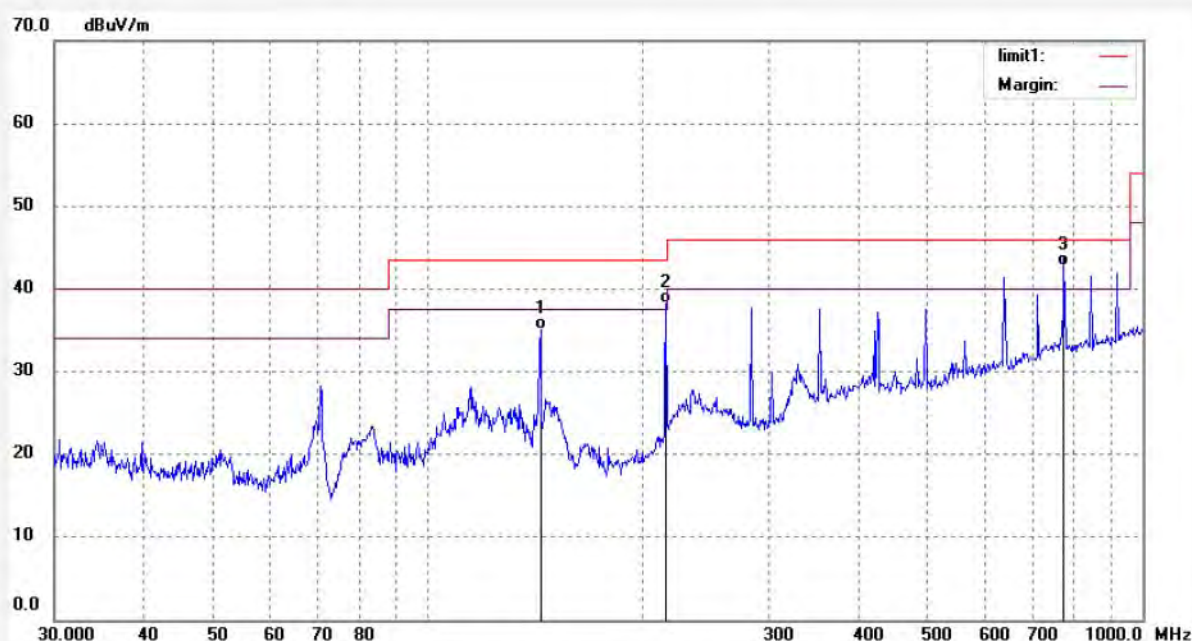
Date: 12/10/19/

Time: 3/40/41

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.59	11.48	35.07	43.50	-8.43	QP			
2	215.3616	23.66	14.62	38.28	43.50	-5.22	QP			
3	776.4849	15.00	27.84	42.84	46.00	-3.16	QP			



ACCURATE TECHNOLOGY CO., LTD.

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Science & Industry Park,Nanshan Shenzhen,P.R.China

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

Job No.: rucky2 #272

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n20(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

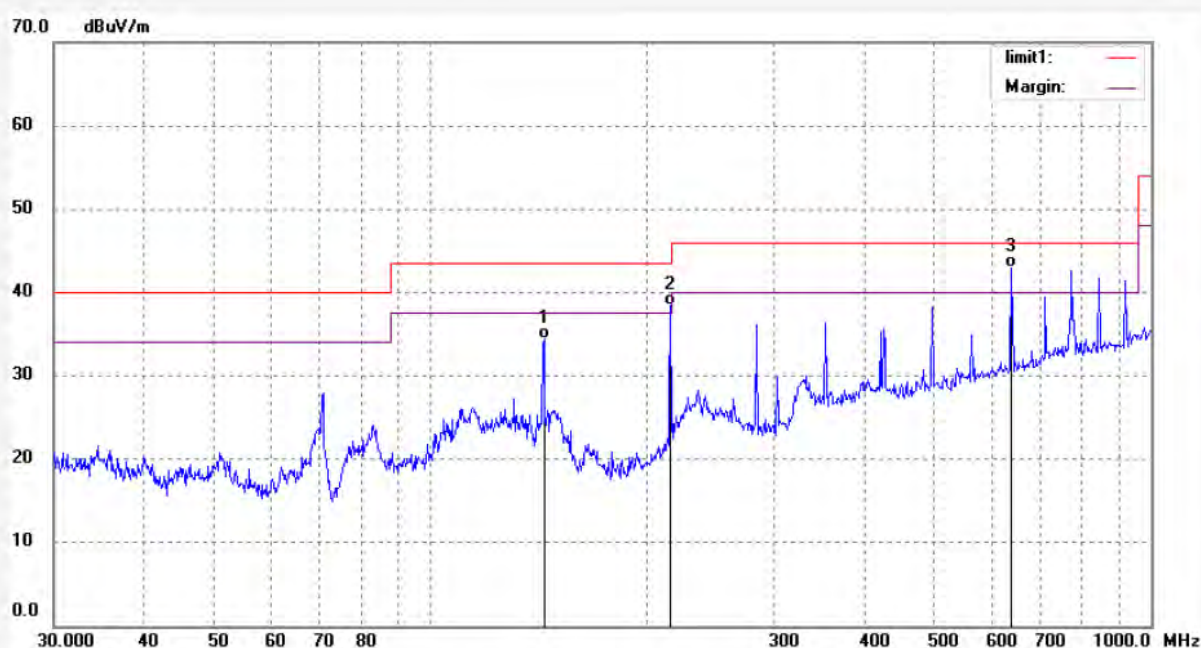
Date: 12/10/19/

Time: 3/42/31

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	22.97	11.48	34.45	43.50	-9.05	QP			
2	215.3616	23.79	14.62	38.41	43.50	-5.09	QP			
3	640.0396	16.87	26.08	42.95	46.00	-3.05	QP			



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

Job No.: rucky2 #273

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n20(CH11)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 12/10/19/

Time: 3/44/25

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	25.19	11.48	36.67	43.50	-6.83	QP			
2	353.4471	15.76	21.01	36.77	46.00	-9.23	QP			
3	640.0396	16.32	26.08	42.40	46.00	-3.60	QP			



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Site: 966 chamber

Tel:+86-0755-26503290

Fax:+86-0755-26503396

Job No.: rucky2 #274

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n40(CH9)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

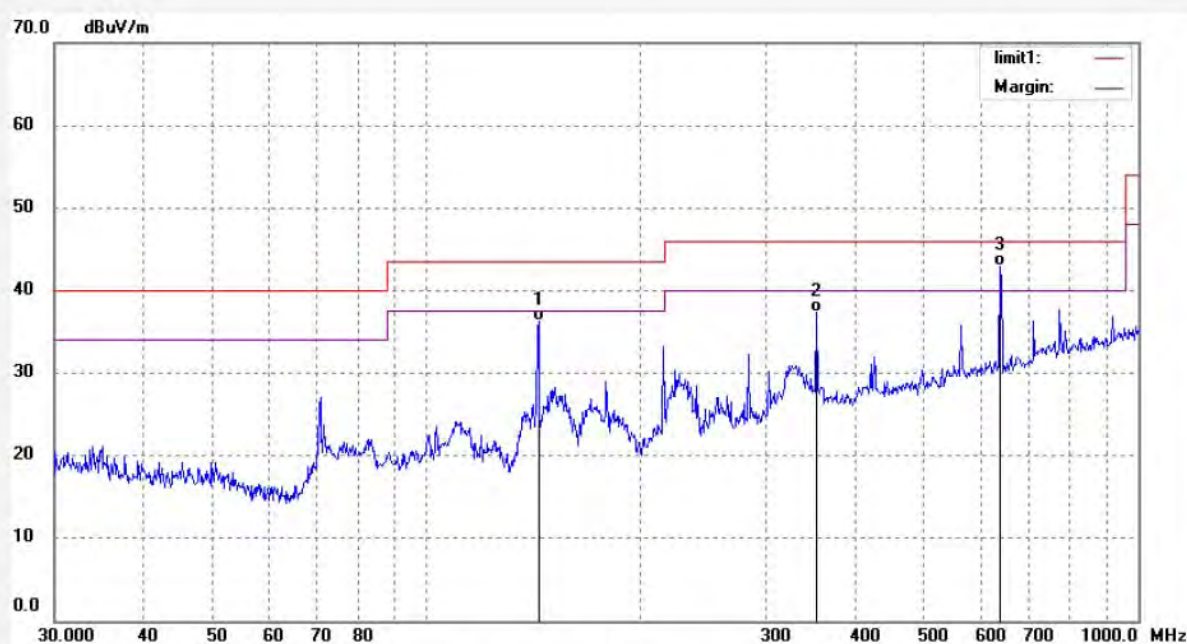
Date: 12/10/19/

Time: 3/46/42

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	24.90	11.48	36.38	43.50	-7.12	QP			
2	353.4471	16.33	21.01	37.34	46.00	-8.66	QP			
3	640.0396	16.86	26.08	42.94	46.00	-3.06	QP			



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Site: 966 chamber
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Job No.: rucky2 #275

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n40(CH9)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

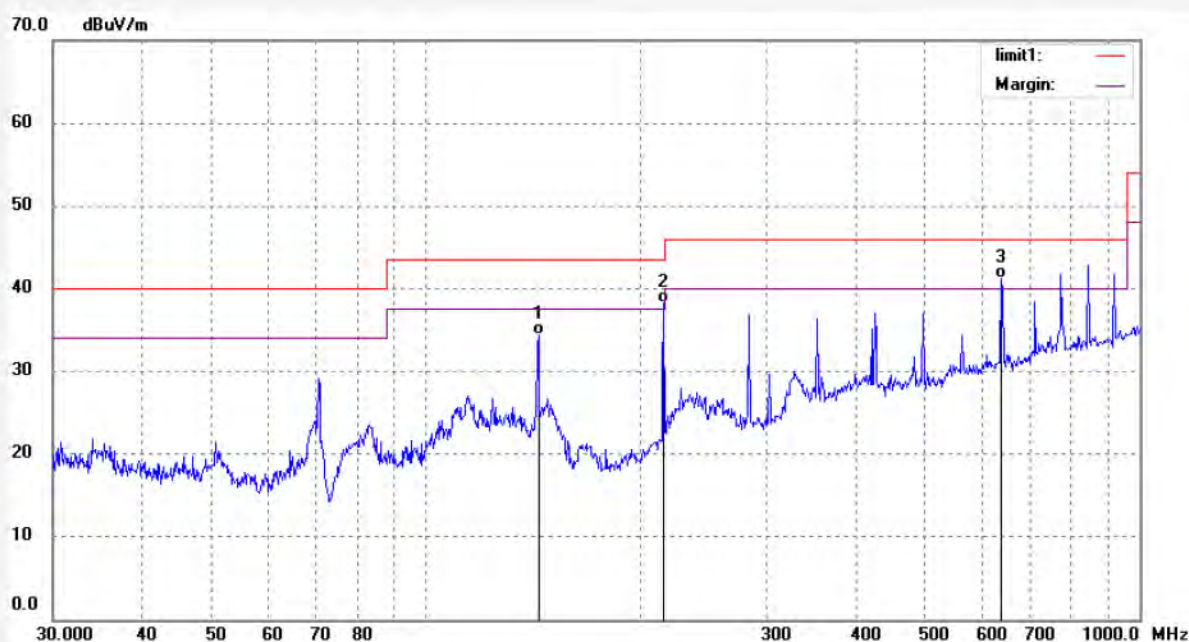
Date: 12/10/19/

Time: 3/48/55

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	22.95	11.48	34.43	43.50	-9.07	QP			
2	215.3616	23.57	14.62	38.19	43.50	-5.31	QP			
3	640.0396	15.21	26.08	41.29	46.00	-4.71	QP			



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

Job No.: rucky2 #276

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n40(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

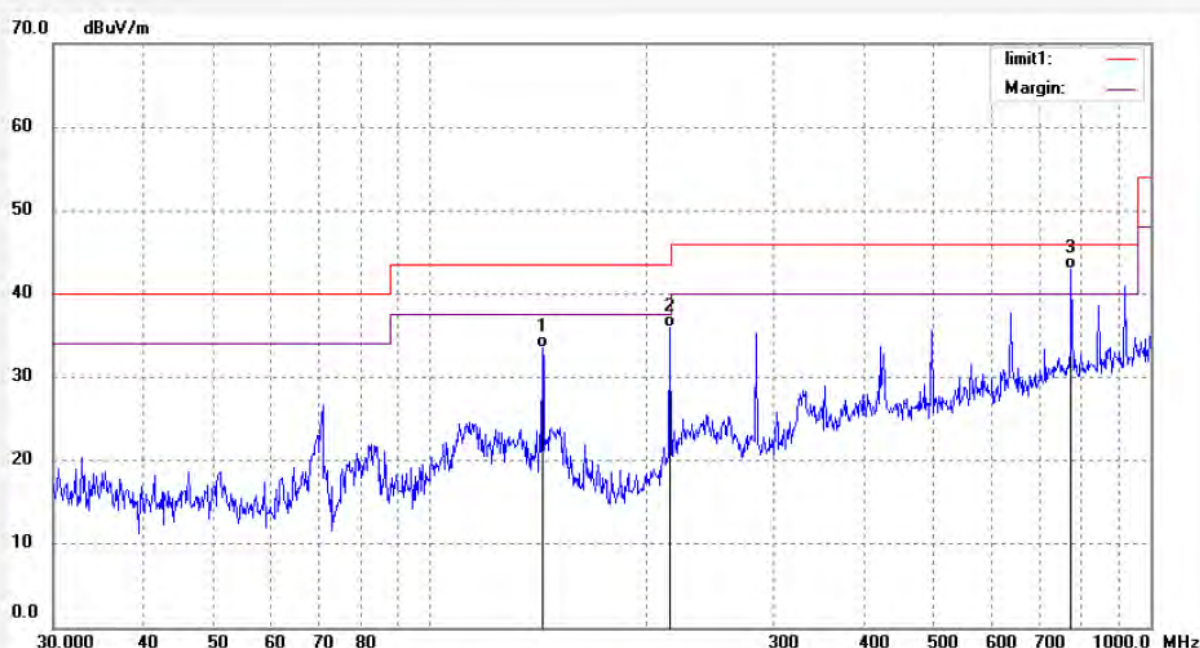
Date: 12/10/19/

Time: 3/52/29

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.2717	21.97	11.48	33.45	43.50	-10.05	QP			
2	215.3616	21.35	14.62	35.97	43.50	-7.53	QP			
3	776.4849	15.05	27.84	42.89	46.00	-3.11	QP			



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Site: 966 chamber

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Fax:+86-0755-26503396

Job No.: rucky2 #277

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n40(CH6)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

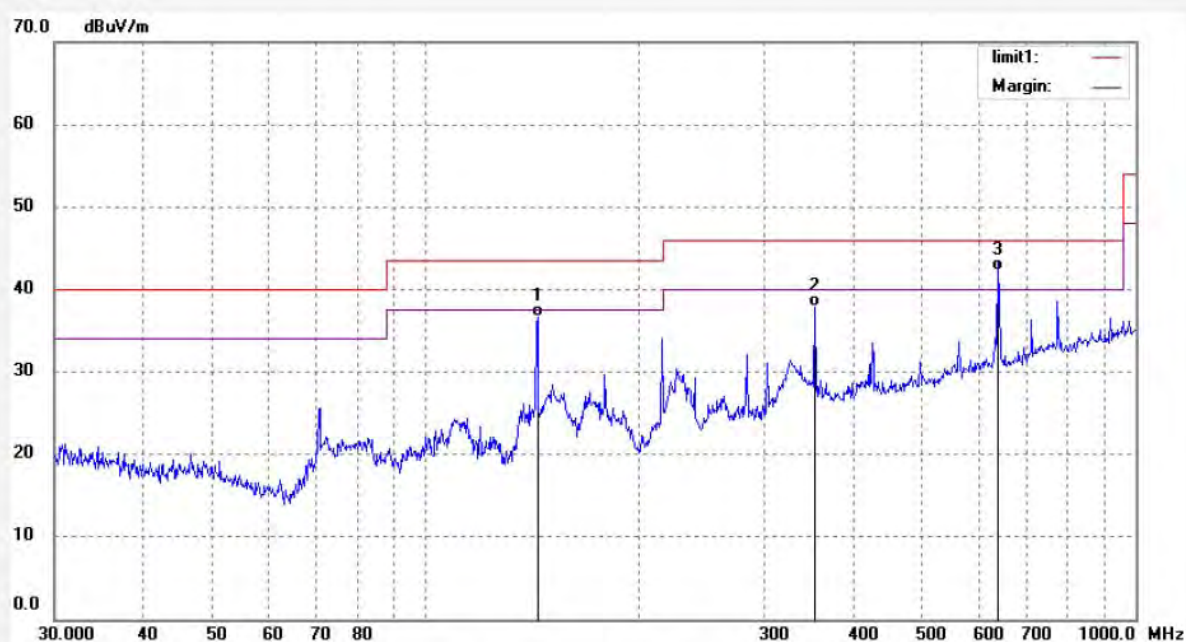
Date: 12/10/19/

Time: 3/54/55

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	25.15	11.48	36.63	43.50	-6.87	QP			
2	353.4471	16.88	21.01	37.89	46.00	-8.11	QP			
3	640.0396	16.23	26.08	42.31	46.00	-3.69	QP			



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Site: 966 chamber

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Job No.: rucky2 #278

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n40(CH3)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Horizontal

Power Source: AC 120V/60Hz

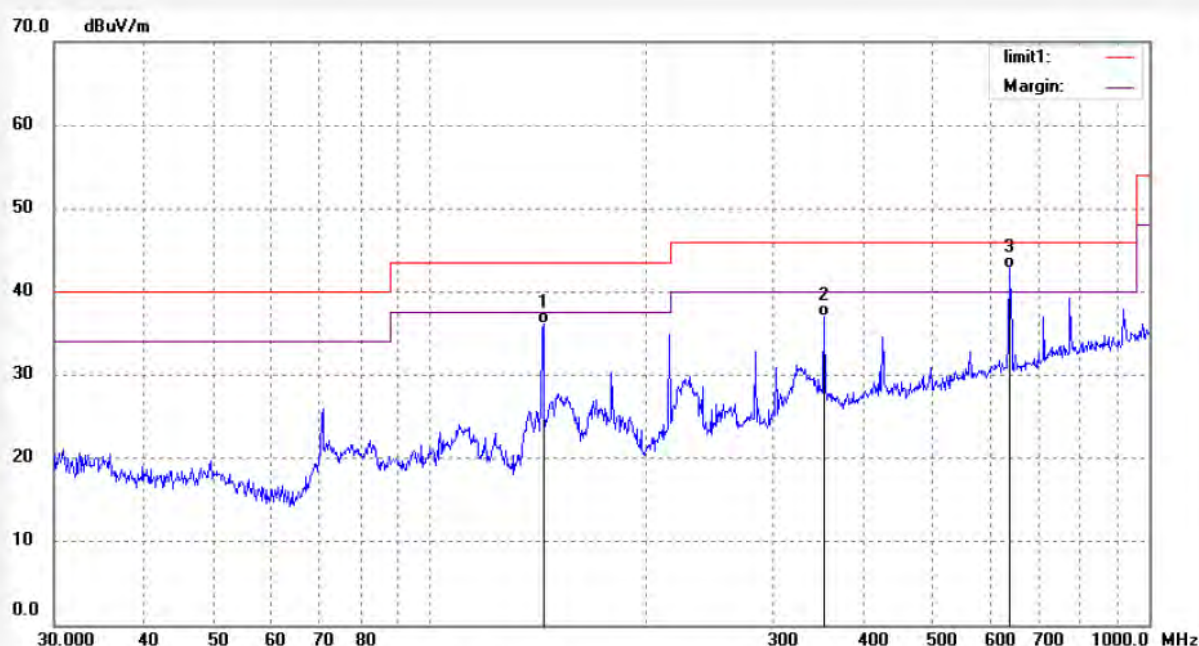
Date: 12/10/19/

Time: 3/58/14

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	24.65	11.48	36.13	43.50	-7.37	QP			
2	353.4471	15.98	21.01	36.99	46.00	-9.01	QP			
3	640.0396	16.78	26.08	42.86	46.00	-3.14	QP			



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Job No.: rucky2 #279

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.(C)/Hum.(%) 23 C / 49 %

EUT: 7 Inch Tablet PC/MID

Mode: TX802.11n40(CH3)

Model: SM708

Manufacturer: Superinworld Technology Co., Ltd

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 12/10/19/

Time: 4/01/13

Engineer Signature: Ricky

Distance: 3m

Note:



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark
1	143.7760	23.03	11.48	34.51	43.50	-8.99	QP			
2	215.3616	23.67	14.62	38.29	43.50	-5.21	QP			
3	776.4849	14.83	27.84	42.67	46.00	-3.33	QP			