

F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2562

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT:

Tablet PC (MID)

Mode: TX Channel 1(802.11g)

Model: PC9719

Manufacturer: Natural Sound

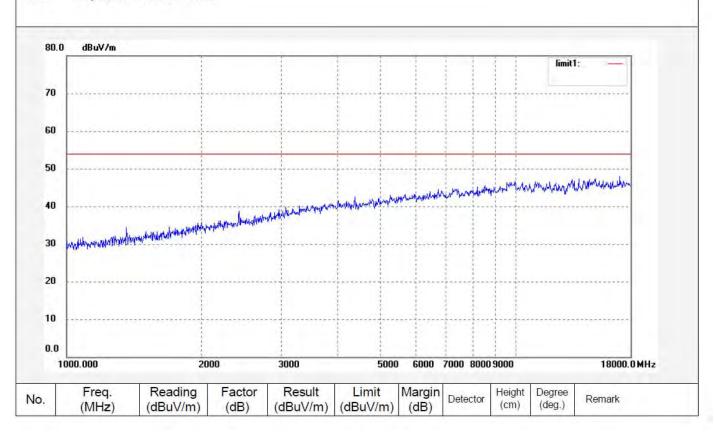
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:32:49

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2563

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT:

Tablet PC (MID)

Mode: TX Channel 1(802.11g)

Model: PC9719

Manufacturer: Natural Sound

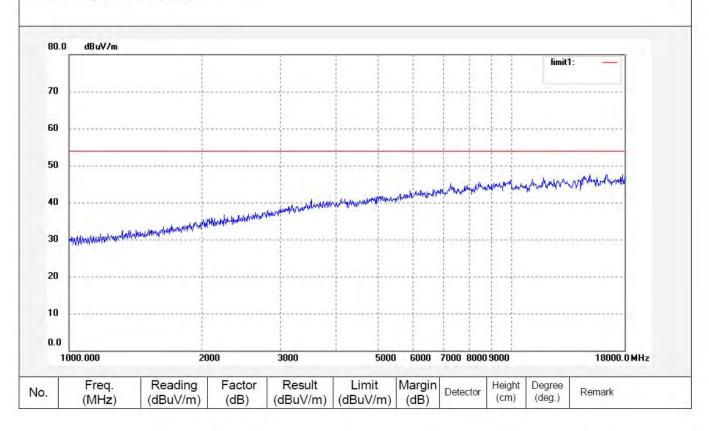
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:35:30

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2540

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11g)

Model: PC9719

Manufacturer: Natural Sound

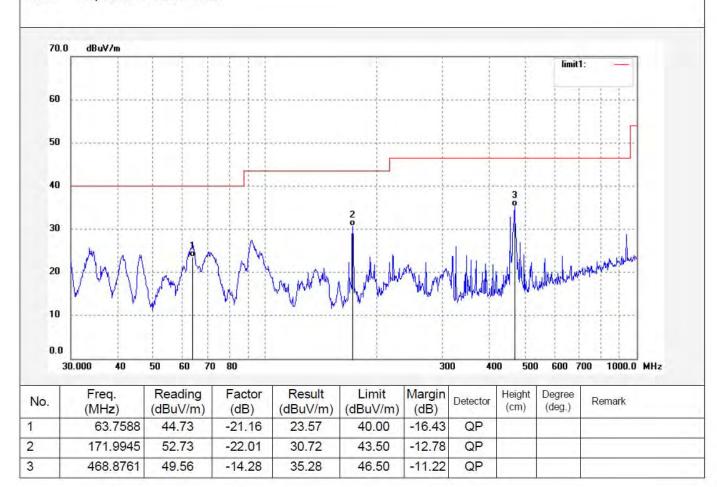
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:10:36

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2541

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT:

Tablet PC (MID)

Mode: TX Channel 6(802.11g)

Model: PC9719

Manufacturer: Natural Sound

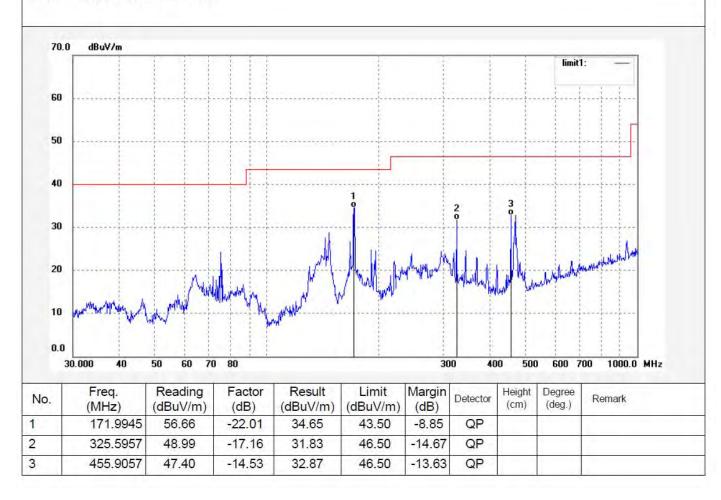
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:14:50

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2564

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11g)

Model: PC9719

Manufacturer: Natural Sound

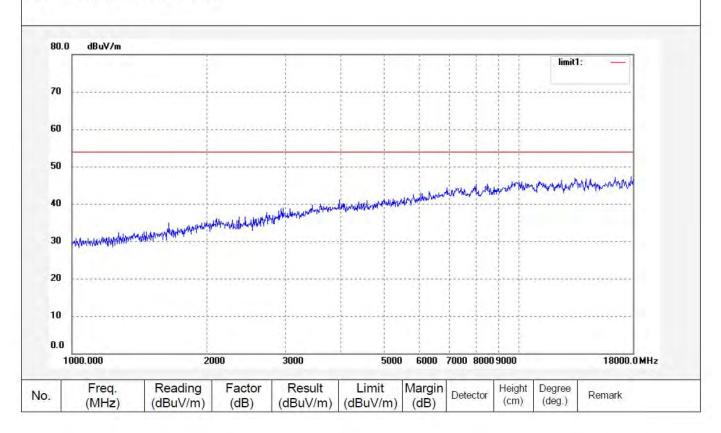
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:38:59

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2565

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11g)

Model: PC9719

Manufacturer: Natural Sound

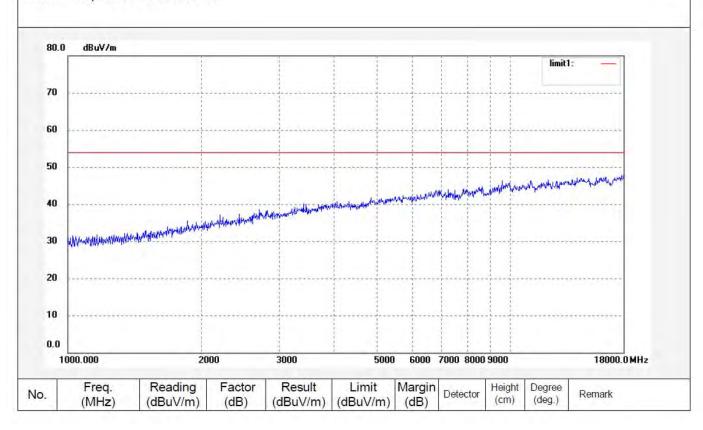
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:41:33

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2542

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11g)

Model: PC9719

Manufacturer: Natural Sound

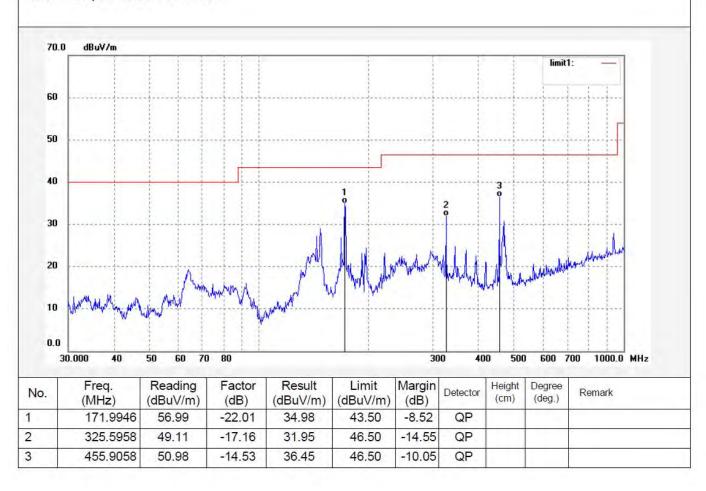
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:18:19

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2543

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11g)
Model: PC9719

Manufacturer: Natural Sound

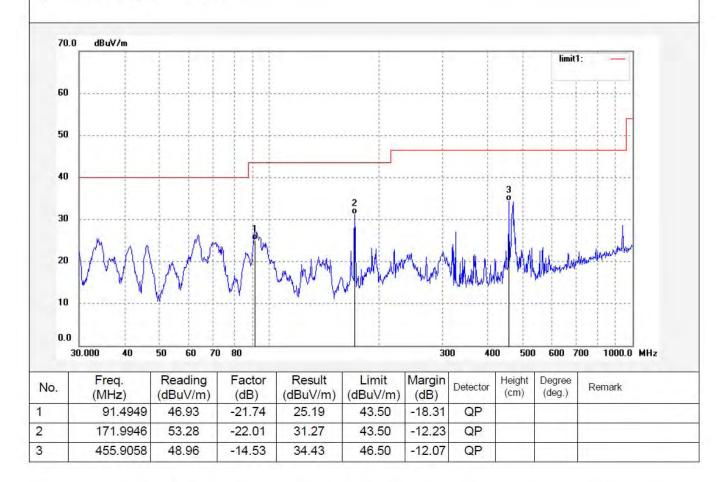
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:22:20

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2566

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11g)

Model: PC9719

Manufacturer: Natural Sound

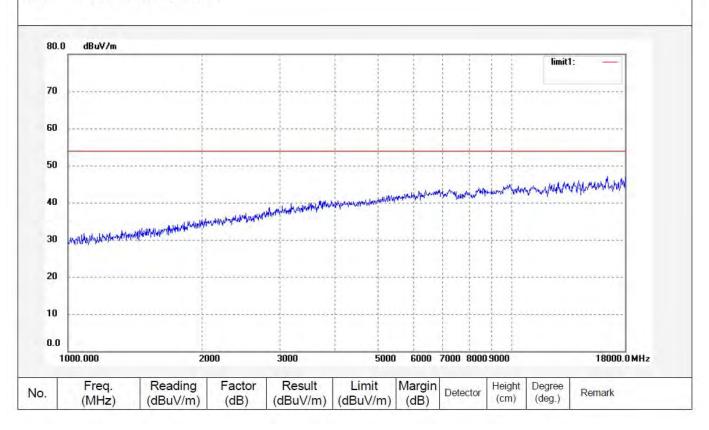
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:44:20

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2567

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11g)

Model: PC9719

Manufacturer: Natural Sound

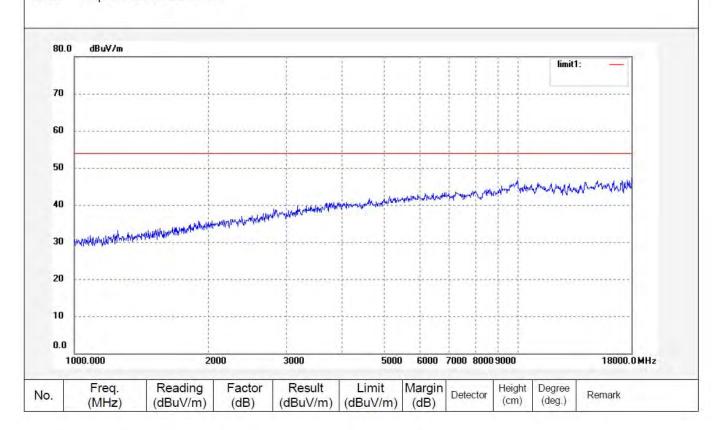
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:47:59

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2544

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT:

Tablet PC (MID)

Mode:

TX Channel 1(802.11n)

Model:

PC9719

Manufacturer: Natural Sound

Note:

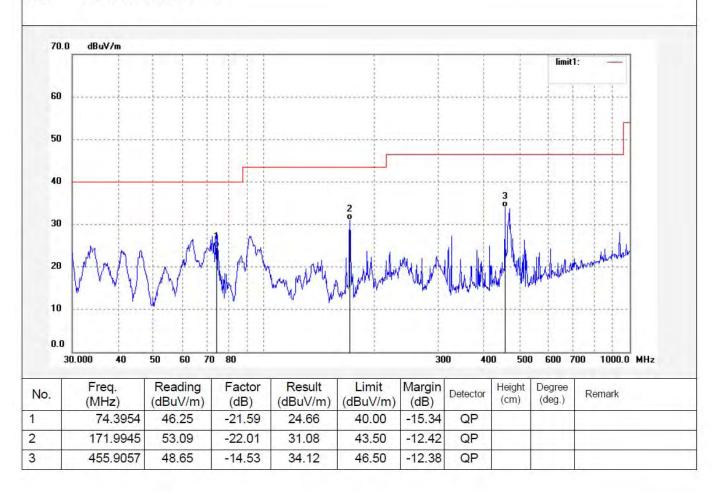
Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:26:07

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2545

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Mode: Tablet PC (MID)

iviode.

TX Channel 1(802.11n)

Model: PC9719

Manufacturer: Natural Sound

Note:

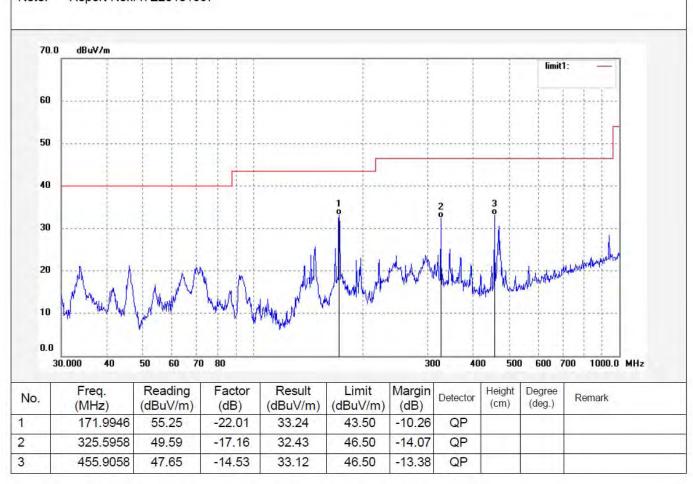
Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:30:47

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2568

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID) Mode: TX Channel 1(802.11n)

Model: PC9719

Manufacturer: Natural Sound

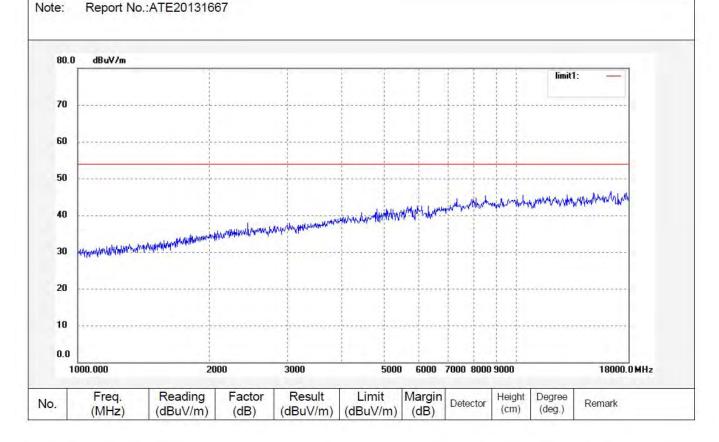
Report No.:ATE20131667

Vertical Polarization:

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:51:41

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park, Nanshan Shenzhen, P.R. China

Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2569

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 1(802.11n)

Model: PC9719

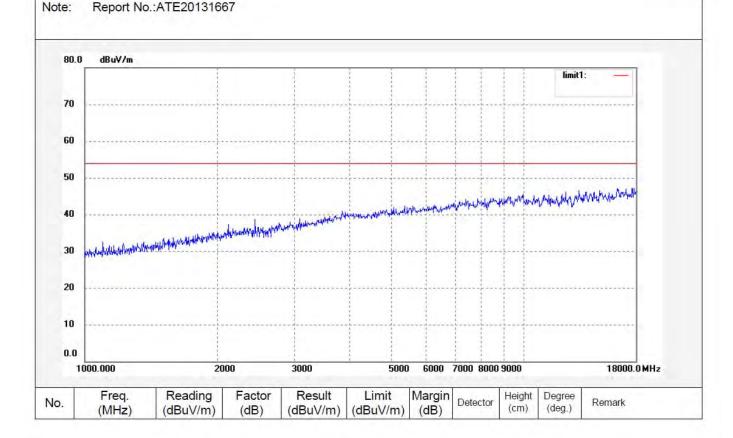
Manufacturer: Natural Sound

Date: 2013/08/03 Time: 18:54:16

Polarization: Horizontal

Engineer Signature: STAR

Power Source: AC 120V/60Hz





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2546

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11n)

Model: PC9719

Manufacturer: Natural Sound

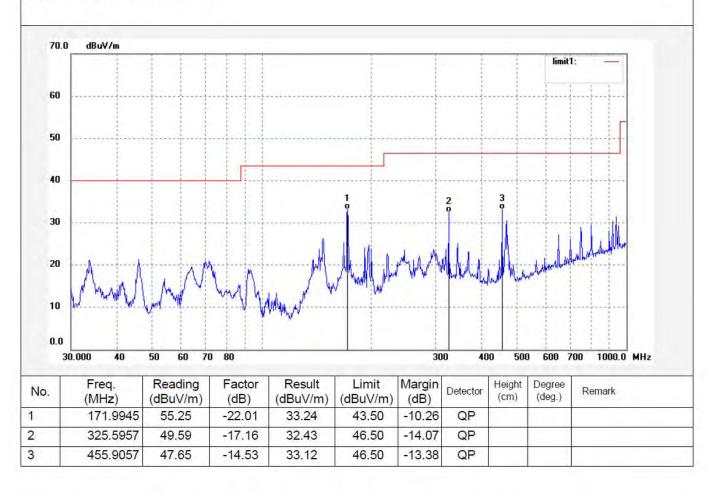
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:34:01

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2547

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11n)

Model: PC9719

Manufacturer: Natural Sound

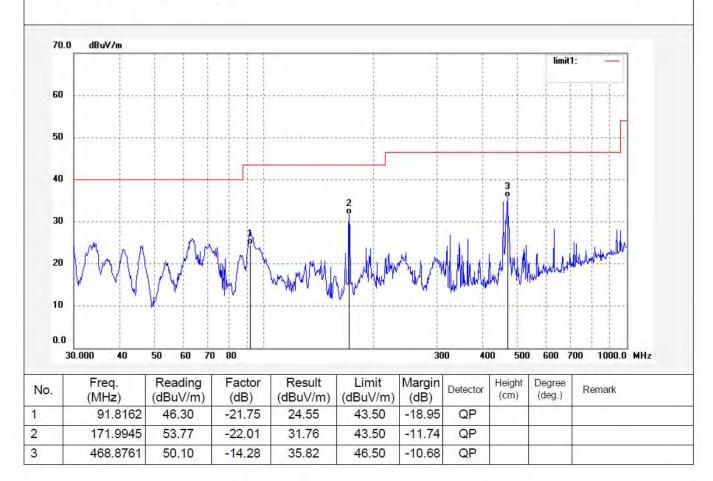
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:37:49

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2570

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT:

Tablet PC (MID)

Mode: TX Channel 6(802.11n)
Model: PC9719

Manufacturer: Natural Sound

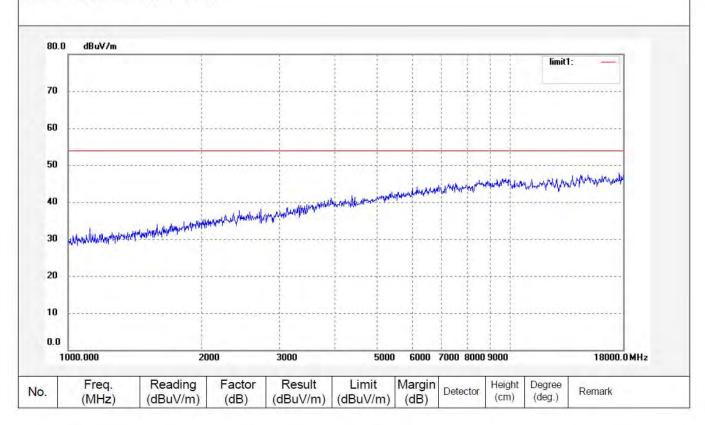
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:57:52

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2571

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11n)

Model: PC9719

Manufacturer: Natural Sound

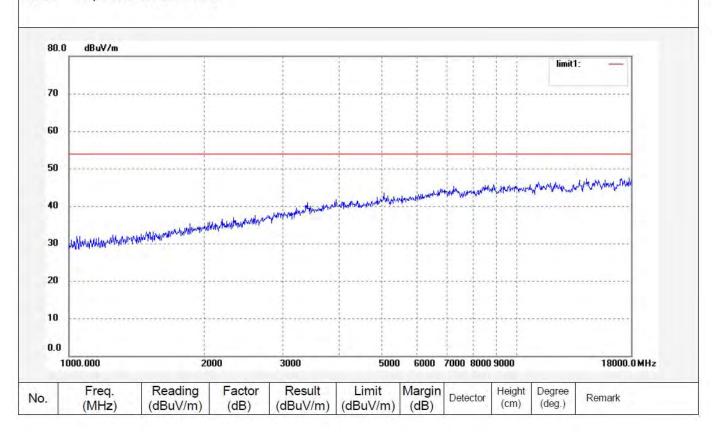
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:01:31

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2548

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11n)

Model: PC9719

Manufacturer: Natural Sound

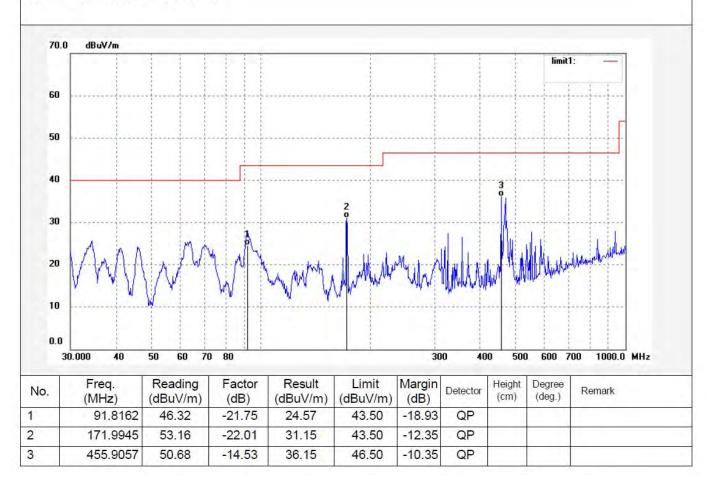
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:40:54

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2549

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11n)

Model: PC9719

Manufacturer: Natural Sound

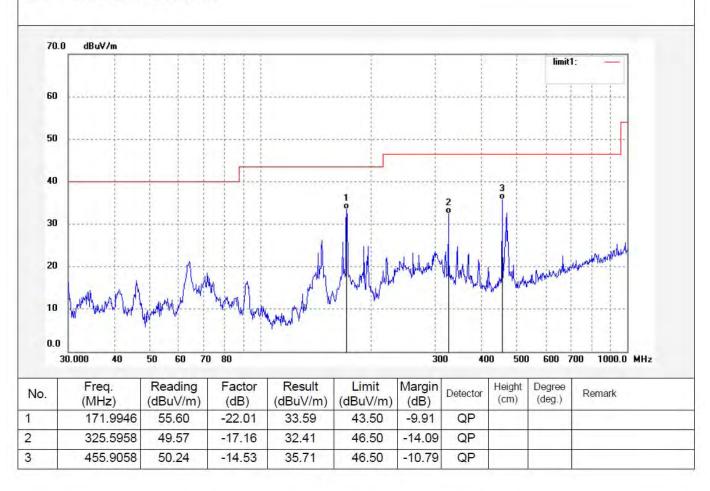
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:43:39

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2572

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11n)

Model: PC9719

Manufacturer: Natural Sound

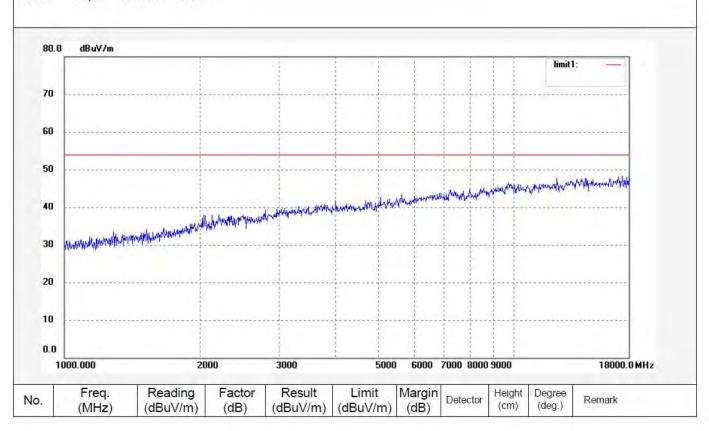
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:06:04

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2573

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 11(802.11n)

Model: PC9719

Manufacturer: Natural Sound

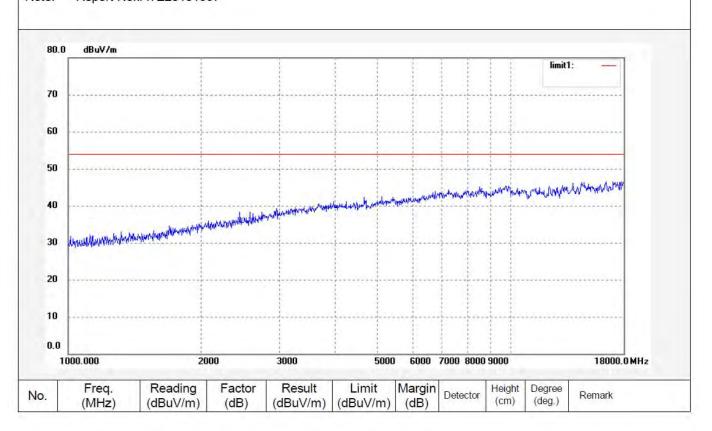
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:10:04

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2550

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 3(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

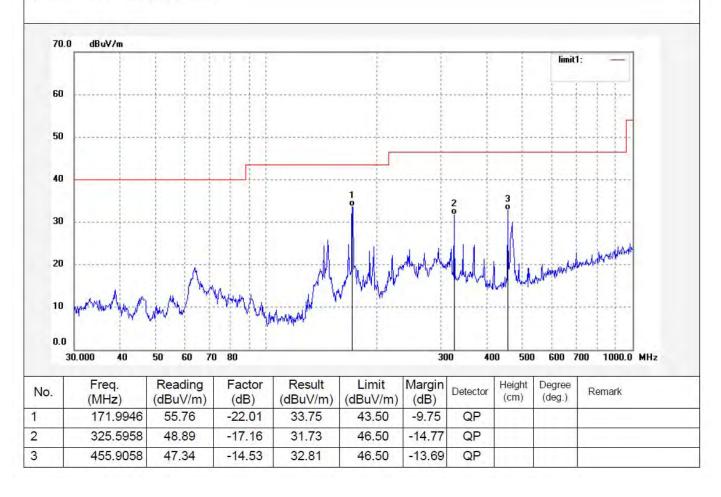
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:48:34

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2551

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 3(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

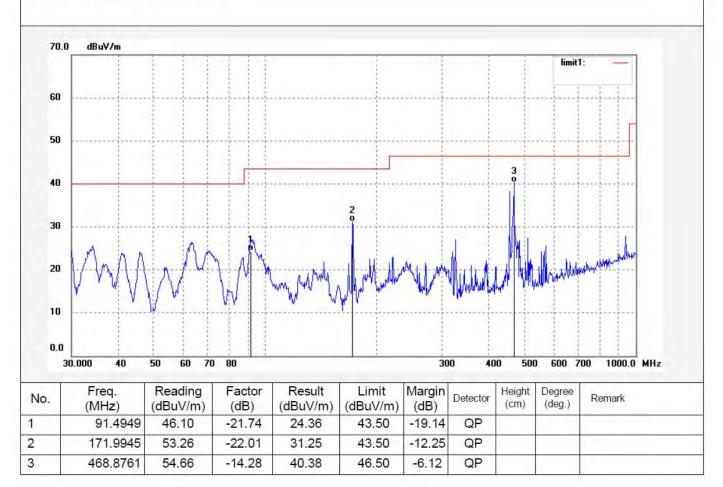
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:51:18

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2574

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 3(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

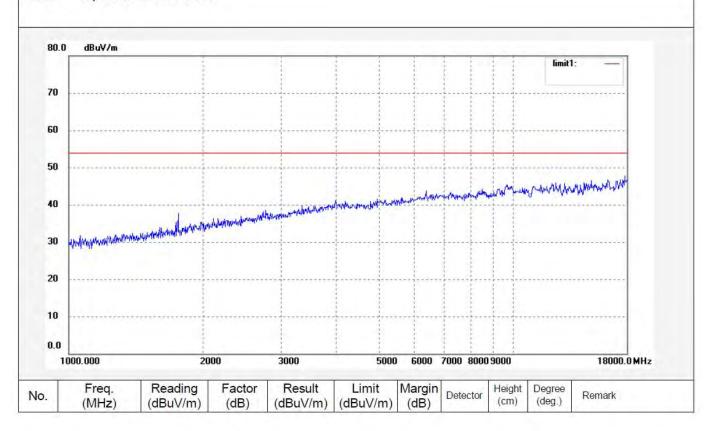
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:14:57

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2575

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 3(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

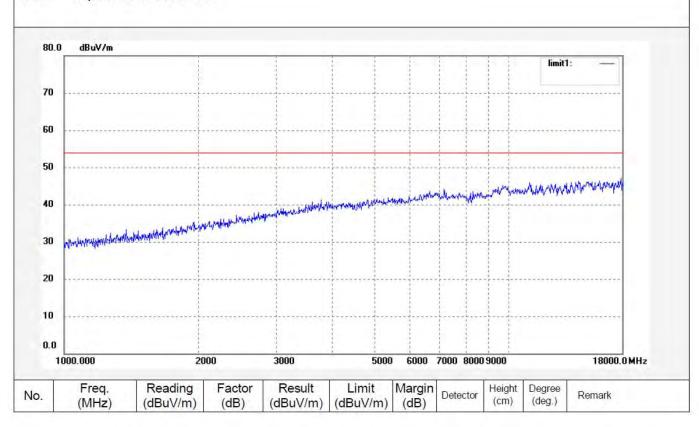
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:18:33

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2552

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

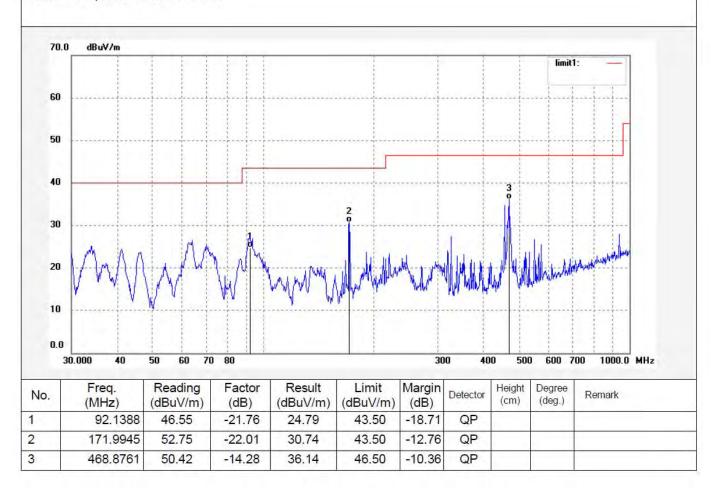
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:54:54

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2553

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

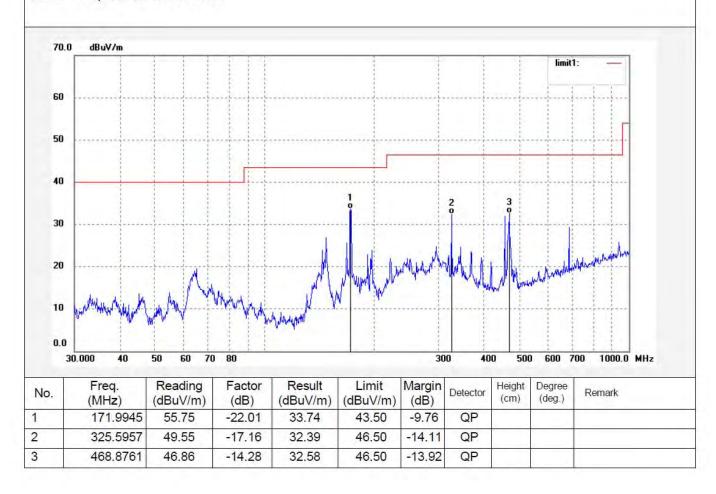
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 17:58:37

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2576

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

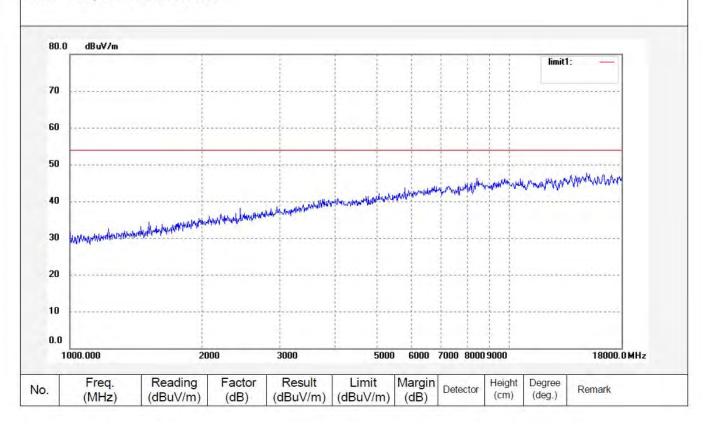
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:22:13

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2577

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 6(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

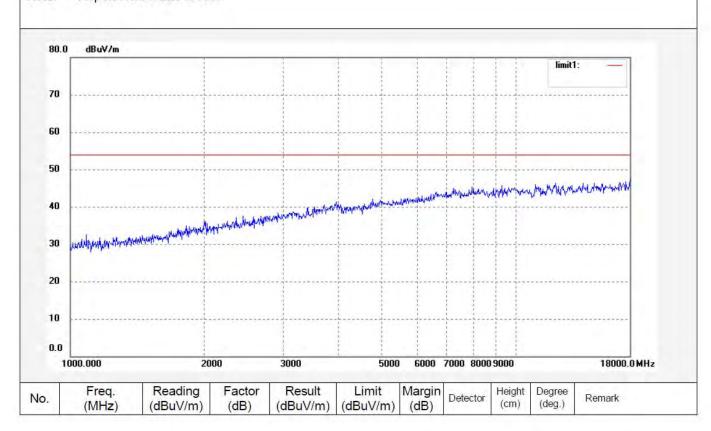
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:25:45

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2554

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 9(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

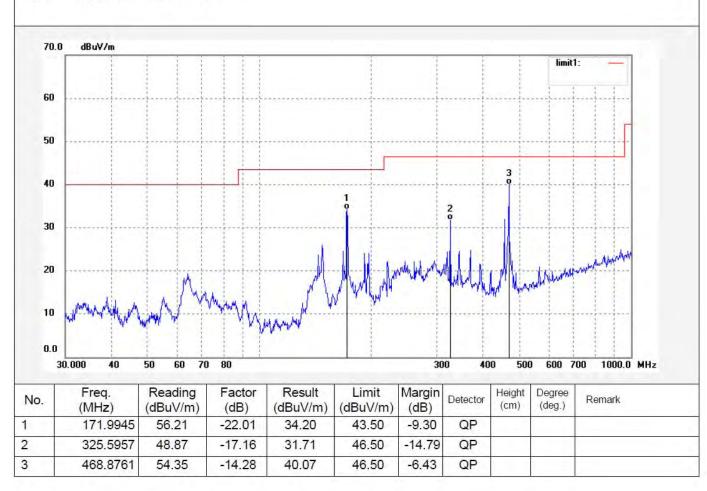
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:02:30

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2555

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 9(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

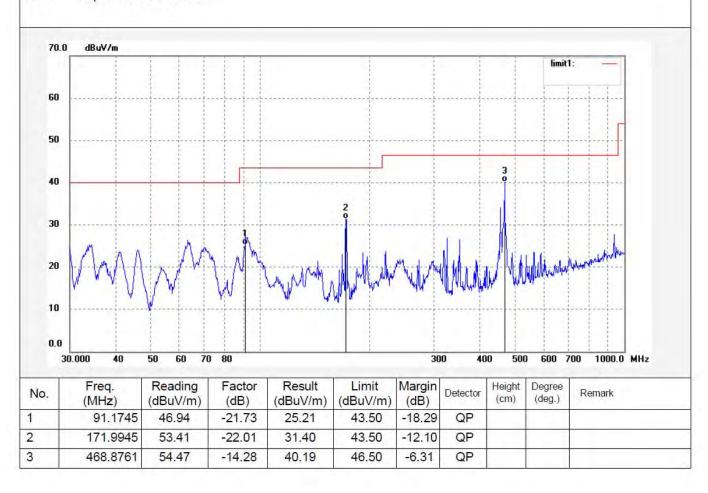
Note: Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 18:05:14

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2578

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT: Tablet PC (MID)

Mode: TX Channel 9(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

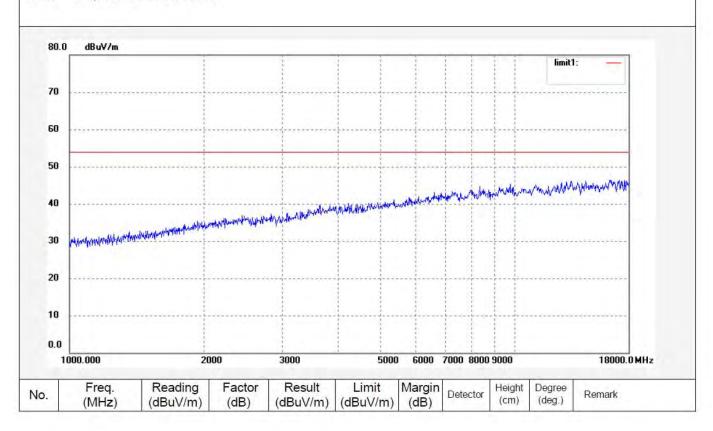
Note: Report No.:ATE20131667

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 2013/08/03 Time: 19:28:36

Engineer Signature: STAR





F1,Bldg,A,Changyuan New Material Port Keyuan Rd, Science & Industry Park,Nanshan Shenzhen,P.R.China Site: 1# Chamber Tel:+86-0755-26503290 Fax:+86-0755-26503396

Job No.: STAR #2579

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

Temp.( C)/Hum.(%) 25 C / 55 %

EUT:

Tablet PC (MID)

Mode: TX Channel 9(802.11n)40MHz

Model: PC9719

Manufacturer: Natural Sound

Note:

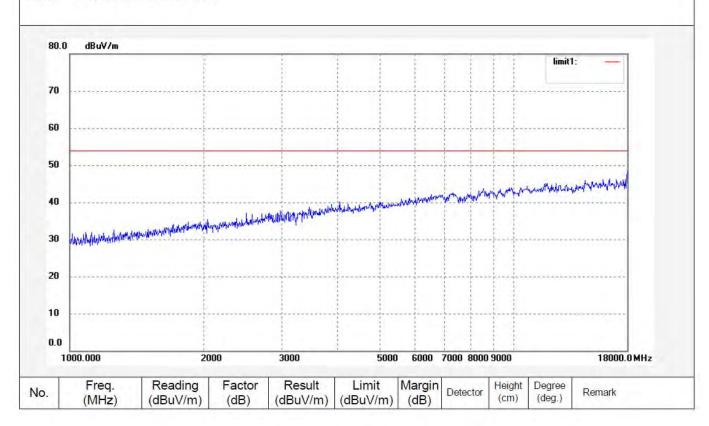
Report No.:ATE20131667

Polarization: Vertical

Power Source: AC 120V/60Hz

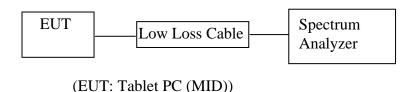
Date: 2013/08/03 Time: 19:32:15

Engineer Signature: STAR



#### 10. CONDUCTED SPURIOUS EMISSION COMPLIANCE TEST

#### 10.1.Block Diagram of Test Setup



# 10.2. The Requirement For Section 15.247(d)

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

#### 10.3.EUT Configuration on Measurement

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

#### 10.3.1. Tablet PC (MID) (EUT)

Model Number : PC9719 Serial Number : N/A

Manufacturer : Natural Sound Electronics (Shenzhen) Co., Ltd.

# 10.4. Operating Condition of EUT

- 10.4.1. Setup the EUT and simulator as shown as Section 10.1.
- 10.4.2. Turn on the power of all equipment.
- 10.4.3.Let the EUT work in TX modes measure it. The transmit frequency are 2412-2462 and 2422-2452MHz. We select 2412MHz, 2437MHz, 2462MHz and 2422MHz, 2437MHz, 2452MHz TX frequency to transmit.

#### 10.5.Test Procedure

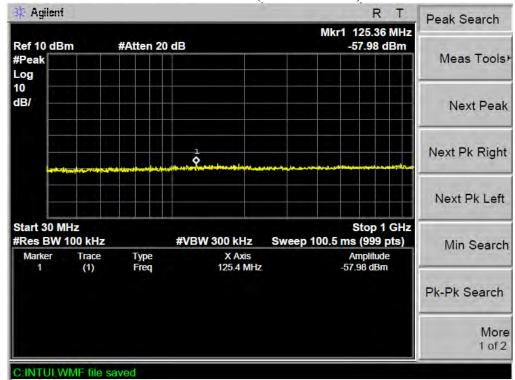
- 10.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.
- 10.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).
- 10.5.3.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).
- 10.5.4. The Conducted Spurious Emission was measured and recorded.

#### 10.6.Test Result

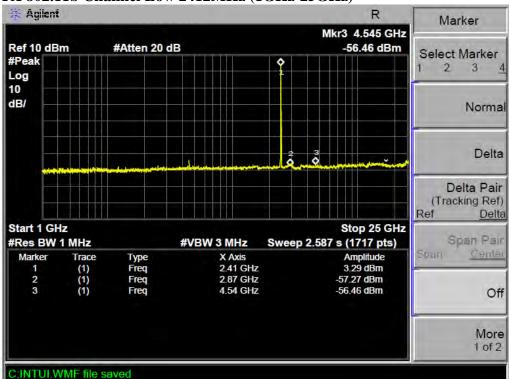
#### Pass.

The spectrum analyzer plots are attached as below.

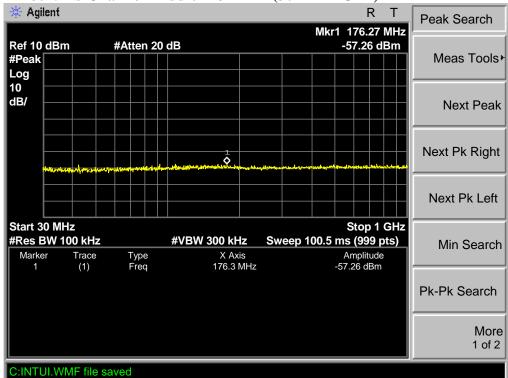
#### **TX 802.11b Channel Low 2412MHz (30MHz-1GHz)**



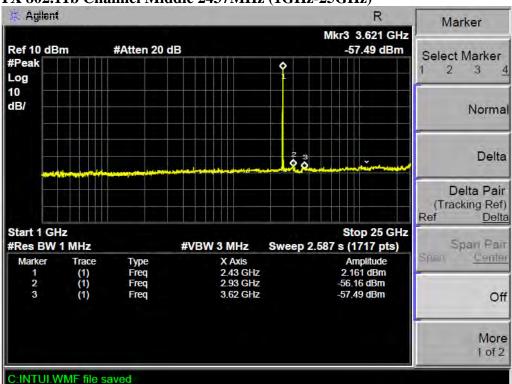
#### **TX 802.11b Channel Low 2412MHz (1GHz-25GHz)**



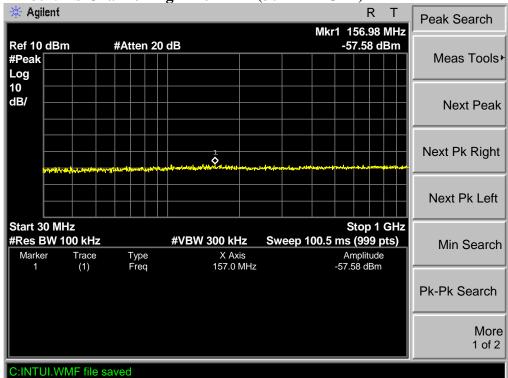




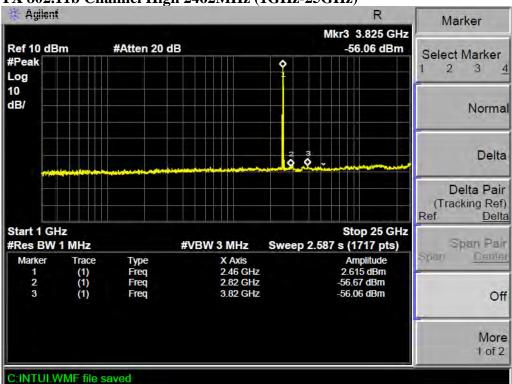
#### TX 802.11b Channel Middle 2437MHz (1GHz-25GHz)



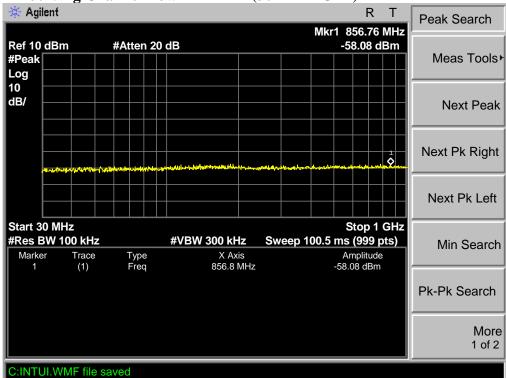




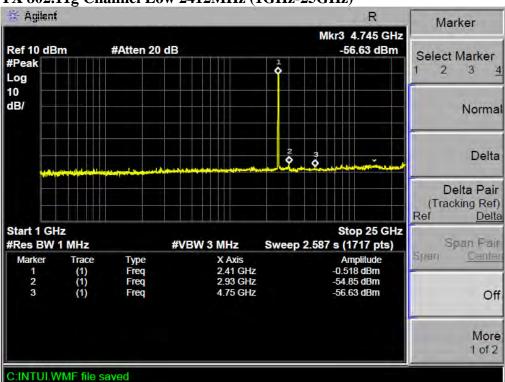
#### **TX 802.11b Channel High 2462MHz (1GHz-25GHz)**



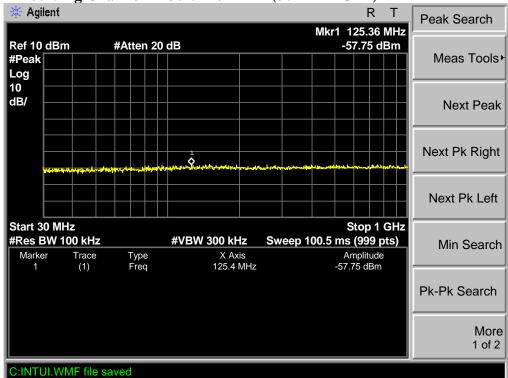
#### **TX 802.11g Channel Low 2412MHz (30MHz-1GHz)**



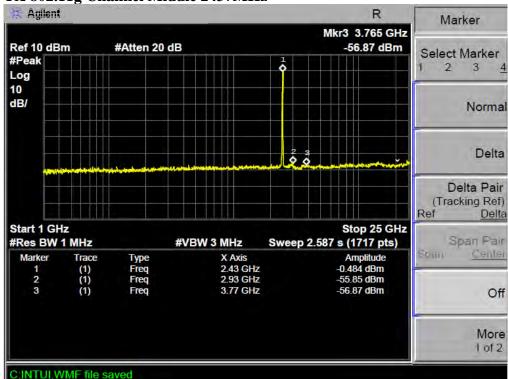
#### TX 802.11g Channel Low 2412MHz (1GHz-25GHz)

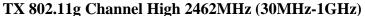


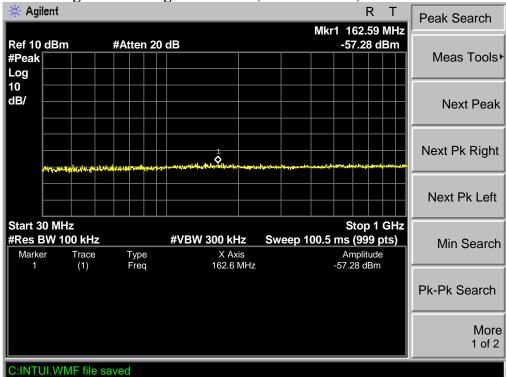




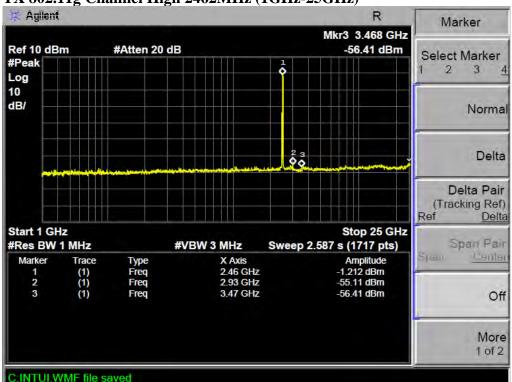
#### TX 802.11g Channel Middle 2437MHz



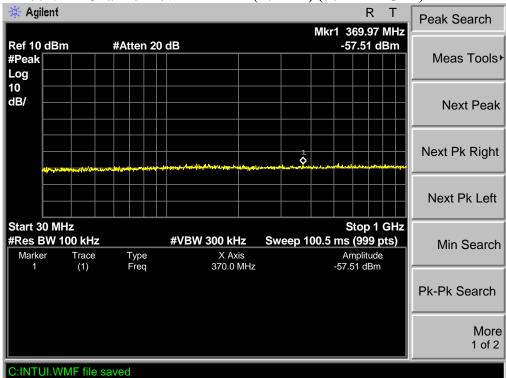




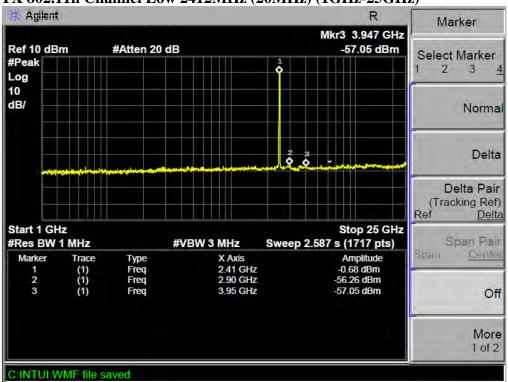
#### TX 802.11g Channel High 2462MHz (1GHz-25GHz)

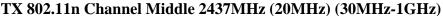


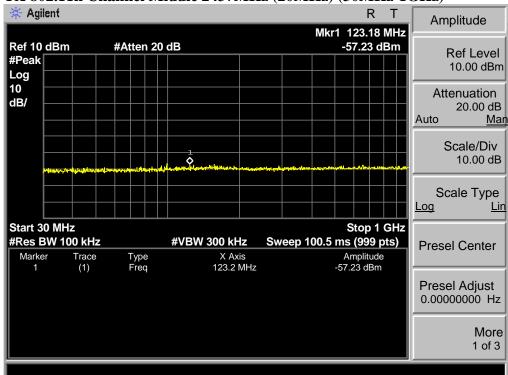




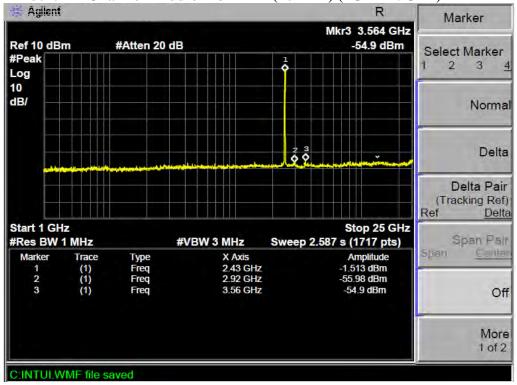
#### TX 802.11n Channel Low 2412MHz (20MHz) (1GHz-25GHz)



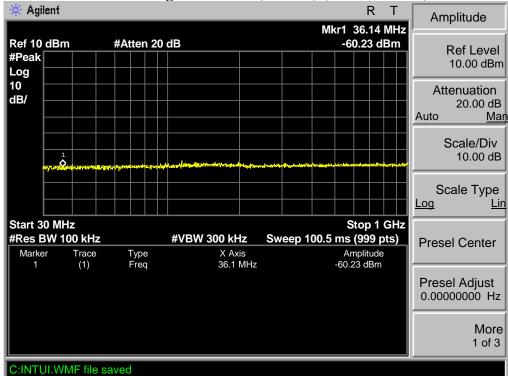




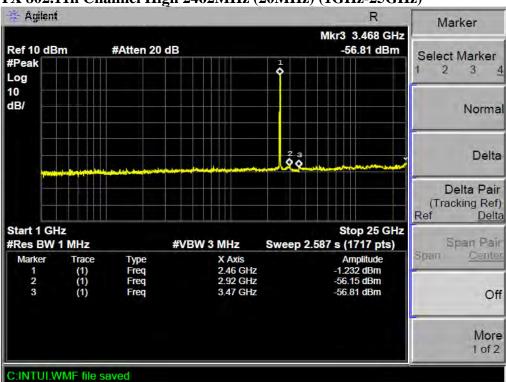
#### **TX 802.11n Channel Middle 2437MHz (20MHz) (1GHz-25GHz)**



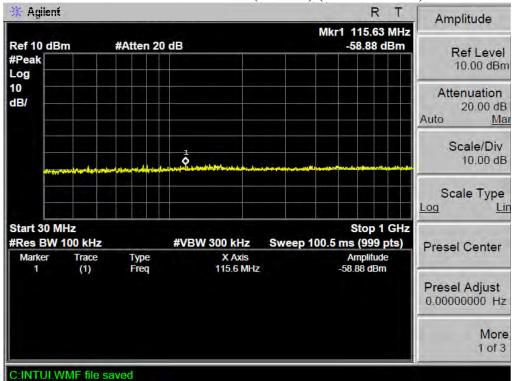




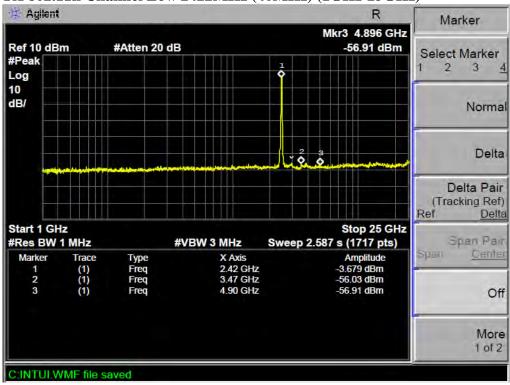
#### TX 802.11n Channel High 2462MHz (20MHz) (1GHz-25GHz)



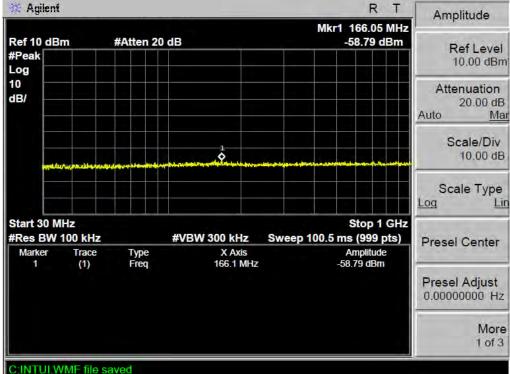




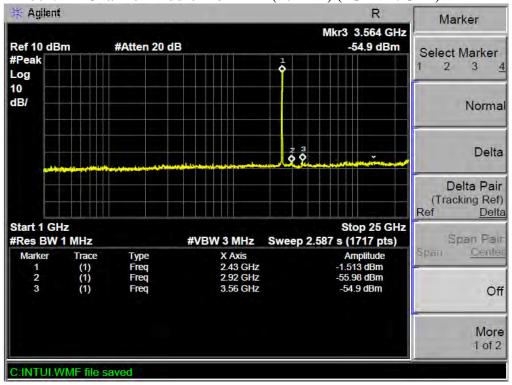
#### TX 802.11n Channel Low 2422MHz (40MHz) (1GHz-25GHz)



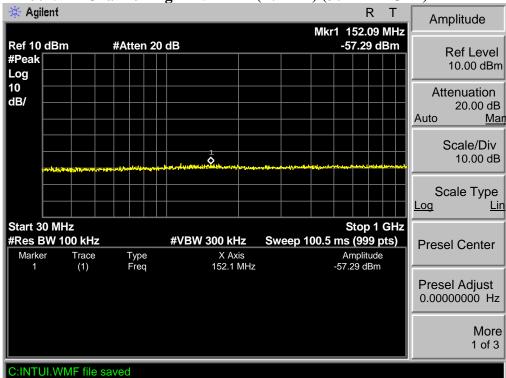




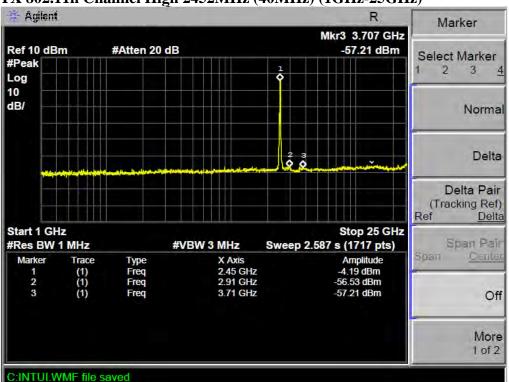
#### **TX 802.11n Channel Middle 2437MHz (40MHz) (1GHz-25GHz)**







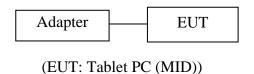
#### TX 802.11n Channel High 2452MHz (40MHz) (1GHz-25GHz)



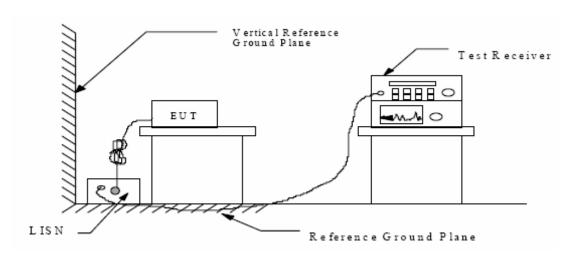
# 11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

#### 11.1.Block Diagram of Test Setup

#### 11.1.1.Block diagram of connection between the EUT and simulators



#### 11.1.2.Shielding Room Test Setup Diagram



(EUT: Tablet PC (MID))

#### 11.2.The Emission Limit

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

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

<sup>\*</sup> Decreases with the logarithm of the frequency.

#### 11.3.Configuration of EUT on Measurement

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

#### 11.3.1.Tablet PC (MID) (EUT)

Model Number : PC9719 Serial Number : N/A

Manufacturer : Natural Sound Electronics (Shenzhen) Co., Ltd.

#### 11.4. Operating Condition of EUT

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

11.4.2.Turn on the power of all equipment.

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

#### 11.5.Test Procedure

The EUT is put on the plane 0.8m high above the ground by insulating support and is connected to the power mains through a line impedance stabilization network (L.I.S.N.). This provides a 500hm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 2009 on Conducted Emission Measurement.

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

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

# 11.6.Power Line Conducted Emission Measurement Results **PASS.**

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

Date of Test:July 31, 2013Temperature:25°CEUT:Tablet PC (MID)Humidity:50%Model No.:PC9719Power Supply:AC 120V/60Hz

Test Mode: Charging Test Engineer: Pei

Frequency	Result	Limit	Margin	Detector	Line
(MHz)	(dBµV)	(dBµV)	(dB)		
0.182243	50.5	64	-13.9	QP	
0.245892	44.4	62	-17.5	QP	
0.427974	39.8	57	-17.5	QP	- N 1
0.185549	36.4	54	-17.8	AV	Neutral
0.248856	29.4	52	-22.4	AV	_
0.438354	25.1	47	-22.0	AV	
0.176336	51.5	65	-13.2	QP	_
0.254892	44.5	62	-17.1	QP	_
0.504625	40.8	56	-15.2	QP	
0.185549	36.2	54	-18.0	AV	Live
0.254892	31.8	52	-19.8	AV	
0.504625	26.0	46	-20.0	AV	

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

#### ACCURATE TECHNOLOGY CO., LTD

#### CONDUCTED EMISSION STANDARD FCC PART15B

EUT: Tablet PC (MID) M/N:PC9719

Manufacturer: Natural Sound

Operating Condition: ON

Test Site: 1#Shielding Room

Operator: star

Test Specification: L 120V/60Hz

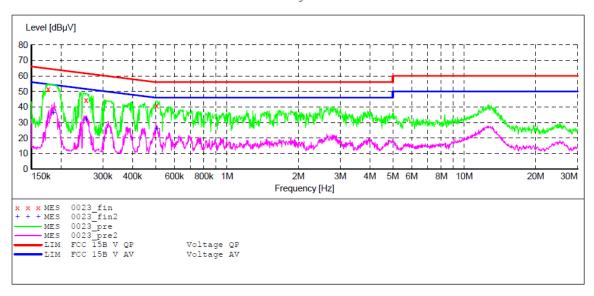
Comment: Report No.:ATE20131667 Start of Test: 2013-7-31 / 16:27:55

SCAN TABLE: "V 150K-30MHz fin" Short Description: \_SUB\_S \_SUB\_STD\_VTERM2 1.70

Stop Step IF Transducer Start Detector Meas.

Frequency Frequency Width 150.0 kHz 30.0 MHz 0.4 % Time Bandw. QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5)

Average



#### MEASUREMENT RESULT: "0023 fin"

2013-7	7-31	16:30

2012-1-21 16	5:30						
Frequency MHz		Transd dB			Detector	Line	PE
0.176336	51.50	10.6	65	13.2	QP	L1	GND
0.254892	44.50	11.3	62	17.1	QP	L1	GND
0.504625	40.80	12.5	56	15.2	OP	L1	GND

#### MEASUREMENT RESULT: "0023 fin2"

2013-7-31 16 <b>:</b> 30	20	13	-7-	-31	1	6	:	30	)
--------------------------	----	----	-----	-----	---	---	---	----	---

 Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz		dB		_	2000001		
0.185549	36.20	10.7	54	18.0	AV	L1	GND
0.254892	31.80	11.3	52	19.8	AV	L1	GND
0.504625	26.00	12.5	46	20.0	AV	L1	GND

#### ACCURATE TECHNOLOGY CO., LTD

#### CONDUCTED EMISSION STANDARD FCC PART15B

Tablet PC (MID) M/N:PC9719

Natural Sound Manufacturer:

Operating Condition: ON

Test Site: 1#Shielding Room

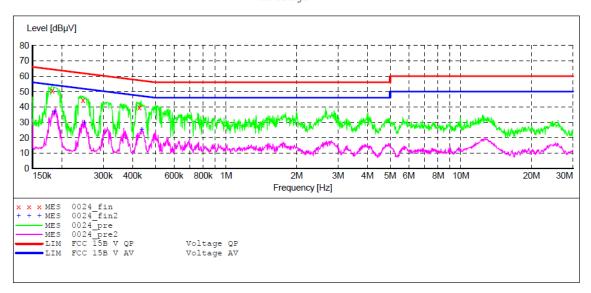
Operator: star

Test Specification: N 120V/60Hz

Report No.:ATE20131667 2013-7-31 / 16:30:42 Comment: Start of Test:

SCAN TABLE: "V 150K-30MHz fin"
Short Description: \_SUB\_STD\_VTERM2 1.70

Start Stop Frequency Frequency 150.0 kHz 30.0 MHz Step Detector Meas. ΙF Transducer Width Time Bandw. 0.4 % QuasiPeak 1.0 s 9 kHz LISN (ESH3-Z5) Average



#### MEASUREMENT RESULT: "0024 fin"

2013-7-31	16:32						
Frequen	cy Level	Transd	Limit	Margin	Detector	Line	PE
M	iHz dBμV	dB	dΒμV	dB			
0.1822	43 50.50	10.7	64	13.9	QP	N	GND
0.2458	92 44.40	11.2	62	17.5	QP	N	GND
0.4279	74 39.80	12.2	57	17.5	QP	N	GND

#### MEASUREMENT RESULT: "0024 fin2"

20	013-7-31 16:	<b>:</b> 32						
	Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
	MHz	dBuV	dB	dBuV	ďB			
	11112	αυμν	QD.	αυμν	aБ			
	0 105540	26 40	10.7	E 4	17 0	7.77		COLE
	0.185549	36.40	10.7	54	17.8	AV	N	GND
	0.248856	29.40	11.3	52	22.4	AV	N	GND
	0.438354	25.10	12.3	47	22.0	AV	N	GND

## 12.ANTENNA REQUIREMENT

### 12.1.The Requirement

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

#### 12.2.Antenna Construction

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

