

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.: alen #1181

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2412MHz(802.11b)

Model: PC819

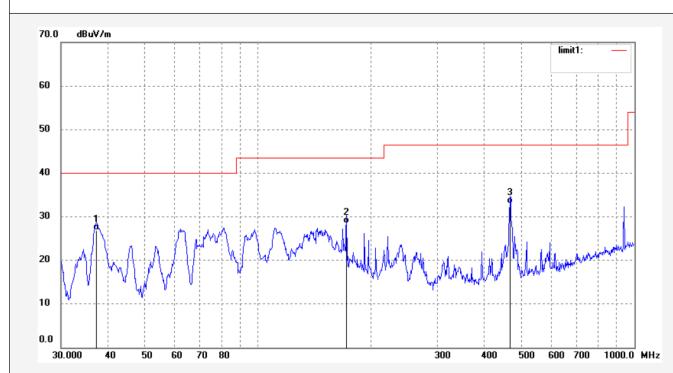
Manufacturer: Natural Sound

Note: Report No:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/26/ Time: 9/38/17 Engineer Signature: Distance: 3m



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB)	Result (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Detector	Height (cm)	Degree (deg.)	Remark	
1	37.2854	46.69	-19.77	26.92	40.00	-13.08	QP				
2	171.9945	50.41	-22.01	28.40	43.50	-15.10	QP				
3	467.2348	47.23	-14.30	32.93	46.50	-13.57	QP				



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Job No.: alen #1182

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX 2412MHz(802.11b)

Model: PC819

Manufacturer: Natural Sound

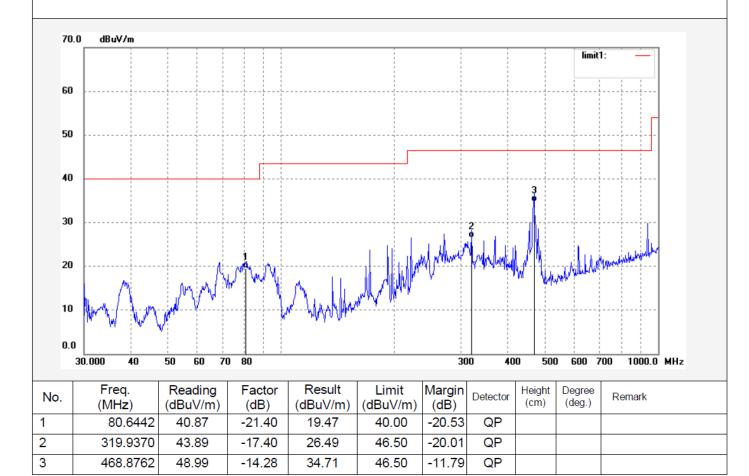
Note: Report No:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/26/ Time: 9/39/06 Engineer Signature:

Distance: 3m





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.: alen #2209

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 1(802.11b)

Model: PC819

Manufacturer: Natural Sound

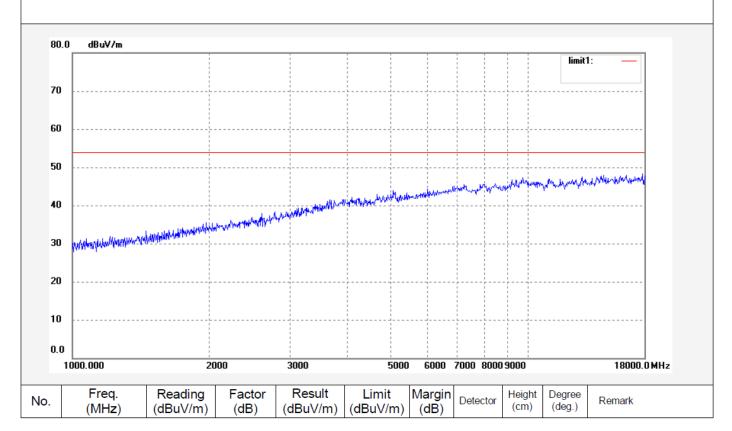
Note: Report No.:ATE20131620

Power Source: AC 120V/60Hz Date: 13/07/29/

Polarization:

Vertical

Time: 10/53/15
Engineer Signature:
Distance: 3m





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.: alen #2210

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 1(802.11b)

Model: PC819

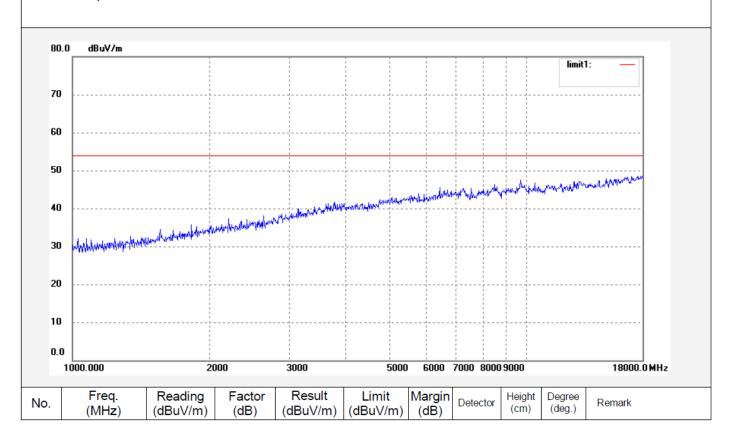
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 10/57/54 Engineer Signature: Distance: 3m





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.: alen #2211

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11b)

Model: PC819

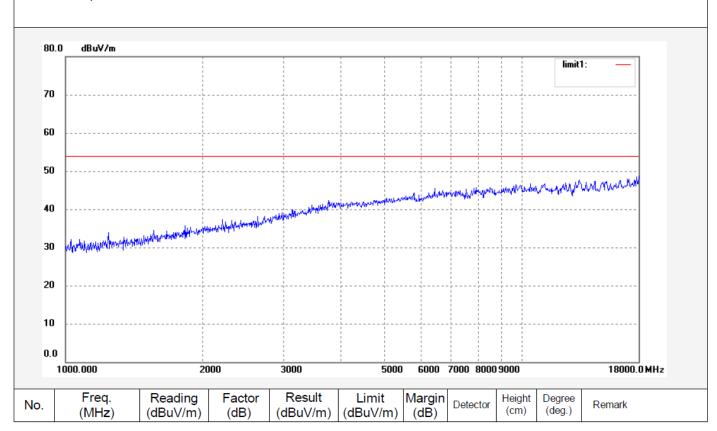
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/01/40 Engineer Signature: Distance: 3m





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.: alen #2212

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11b)

Model: PC819

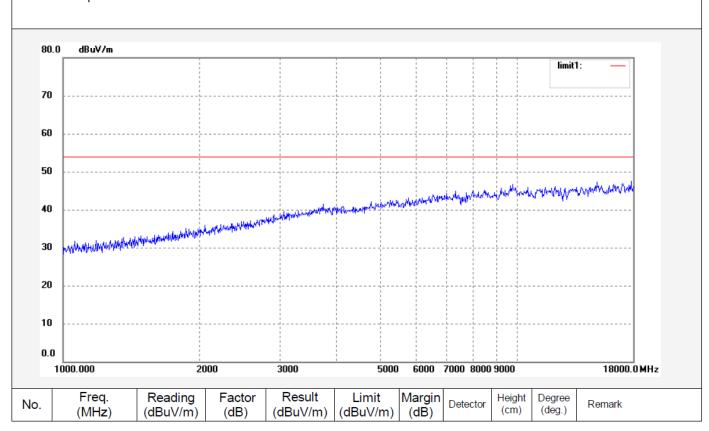
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/04/18 Engineer Signature: Distance: 3m





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.: alen #2213

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 11(802.11b)

Model: PC819

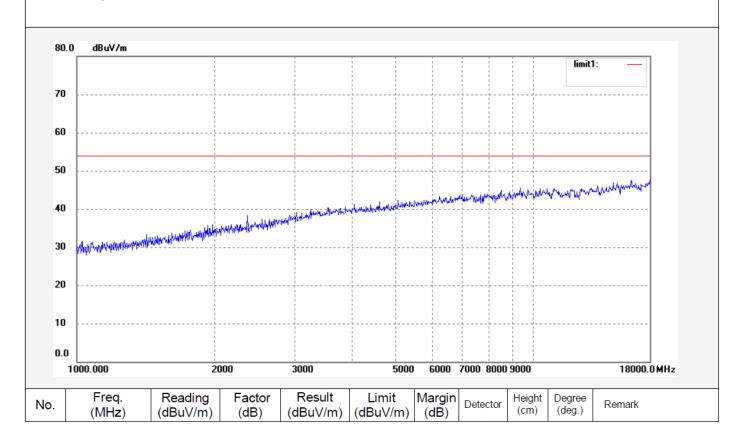
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/07/50 Engineer Signature: Distance: 3m





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.: alen #2214

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 11(802.11b)

Model: PC819

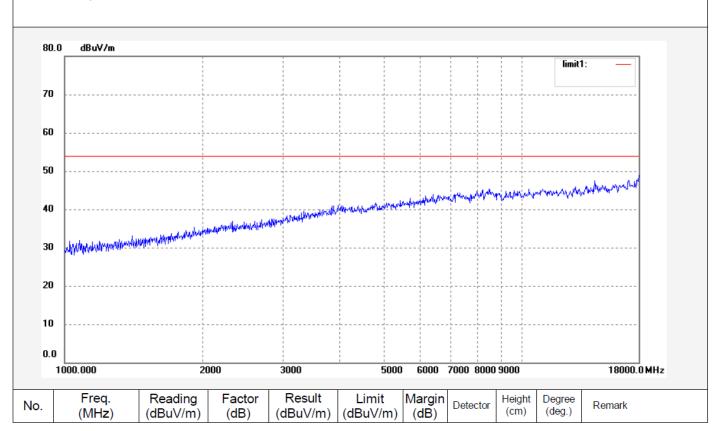
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/10/29 Engineer Signature: Distance: 3m





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.: alen #2215

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 1(802.11g)

Model: PC819

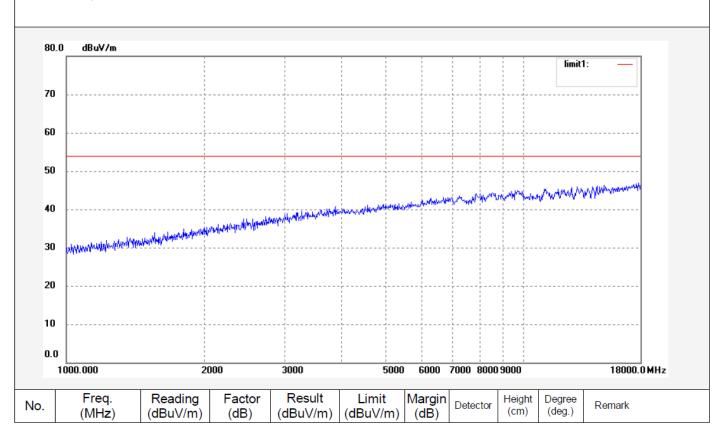
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/14/11 Engineer Signature: Distance: 3m





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.: alen #2216

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 1(802.11g)

Model: PC819

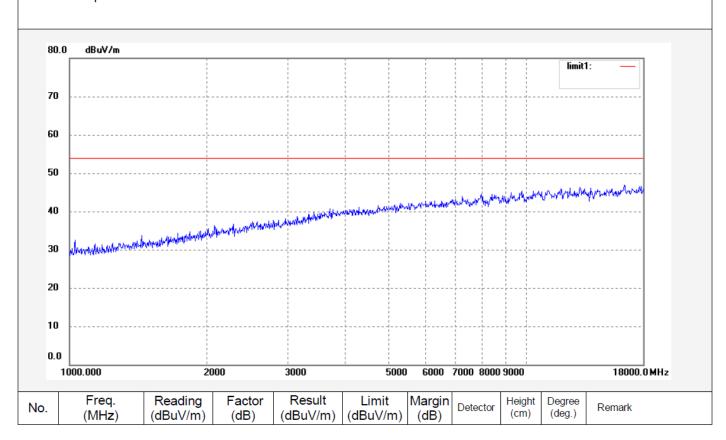
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/17/47 Engineer Signature: Distance: 3m





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.: alen #2217

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11g)

Model: PC819

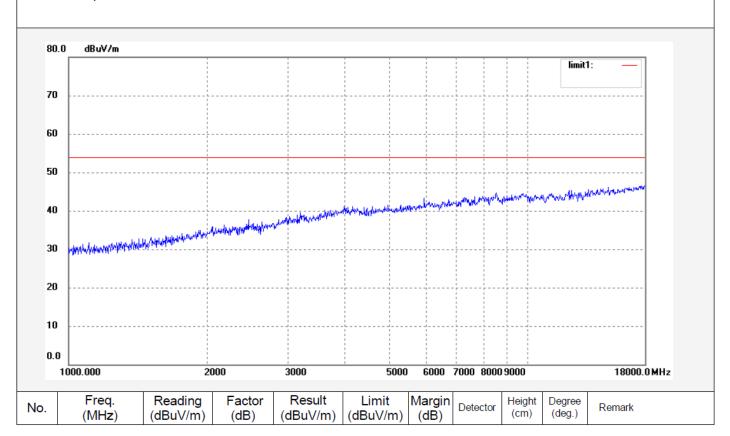
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/20/20 Engineer Signature: Distance: 3m





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.: alen #2218

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11g)

Model: PC819

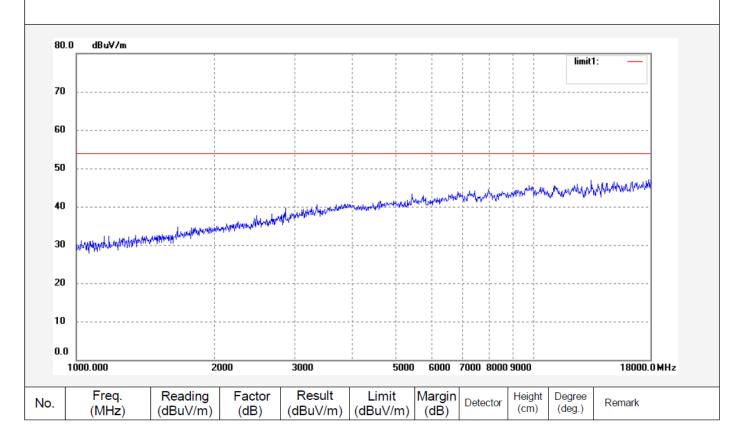
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/24/00 Engineer Signature: Distance: 3m





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.: alen #2219

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 11(802.11g)

Model: PC819

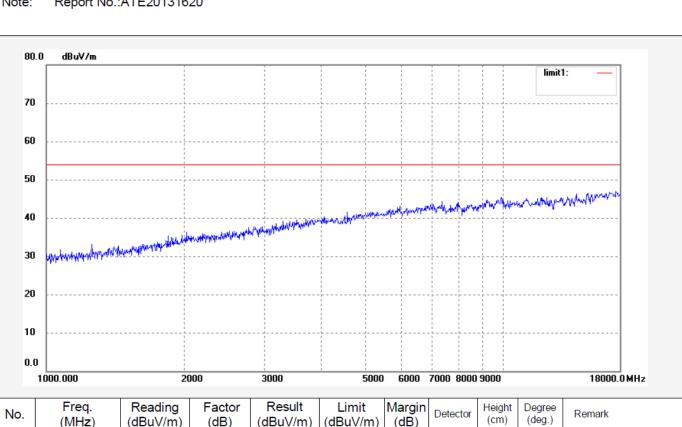
Manufacturer: Natural Sound

Report No.:ATE20131620 Note:

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/27/28 Engineer Signature: Distance: 3m





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.: alen #2220

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 11(802.11g)

Model: PC819

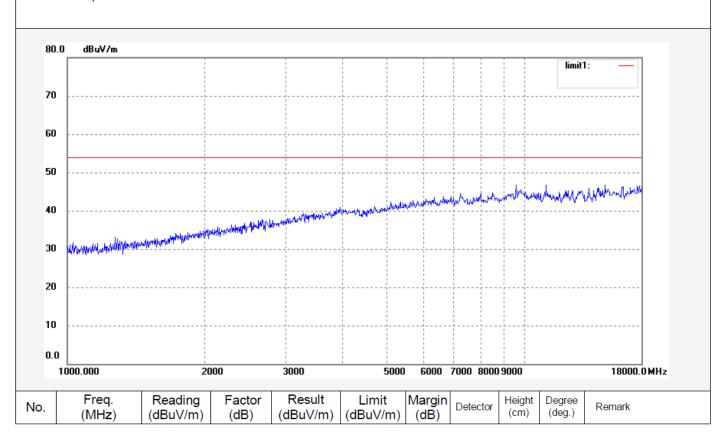
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/31/07 Engineer Signature: Distance: 3m





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.: alen #2221

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 1(802.11n)

Model: PC819

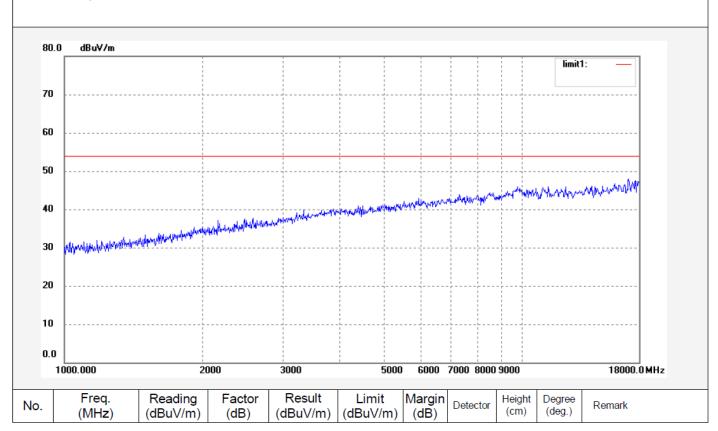
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/35/44 Engineer Signature: Distance: 3m





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.: alen #2222

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 1(802.11n)

Model: PC819

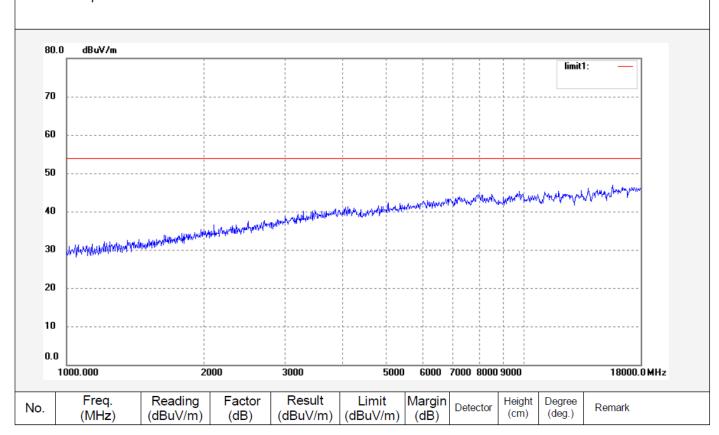
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/37/20 Engineer Signature: Distance: 3m





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.: alen #2223

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11n)

Model: PC819

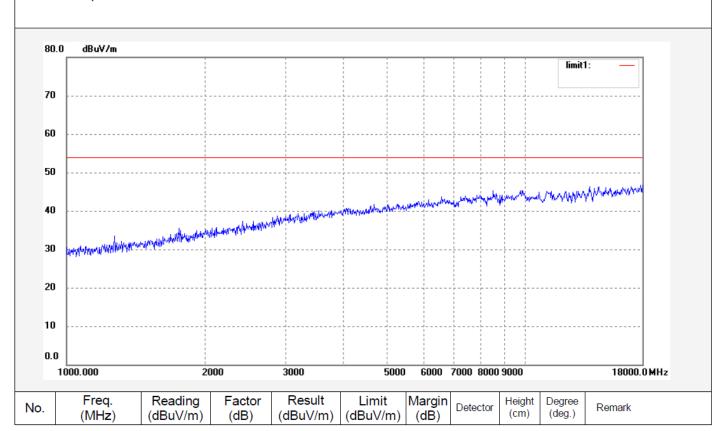
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/39/54 Engineer Signature: Distance: 3m





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.: alen #2224

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11n)

Model: PC819

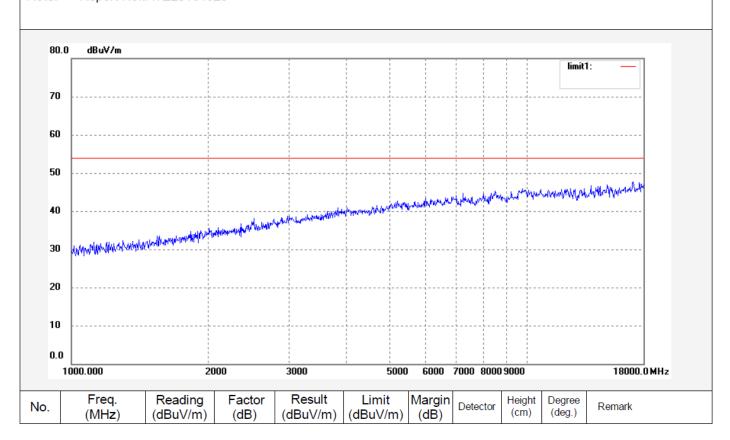
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/42/30 Engineer Signature: Distance: 3m





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.: alen #2225

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 11(802.11n)

Model: PC819

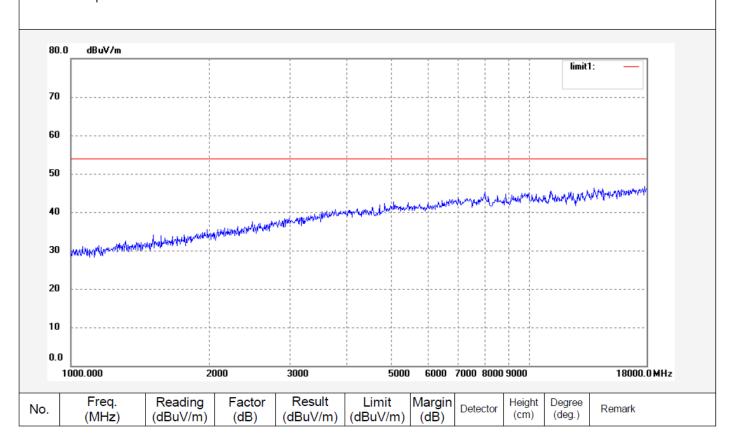
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/45/05 Engineer Signature: Distance: 3m





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.: alen #2226

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 11(802.11n)

Model: PC819

Manufacturer: Natural Sound

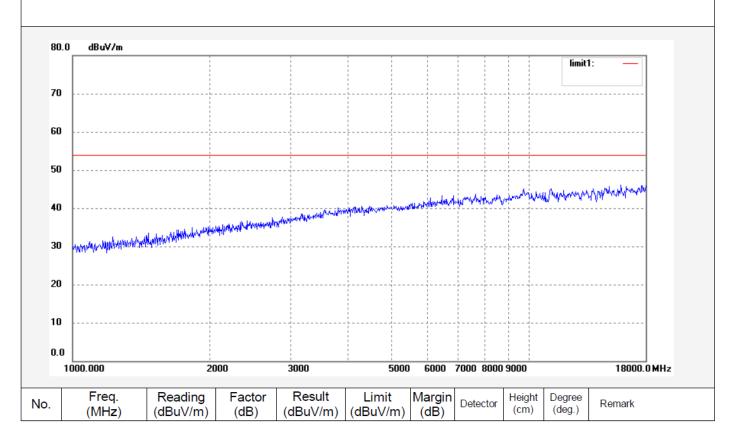
Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/48/46 Engineer Signature:

Distance: 3m





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.: alen #2227

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 3(802.11n)40MHz

Model: PC819

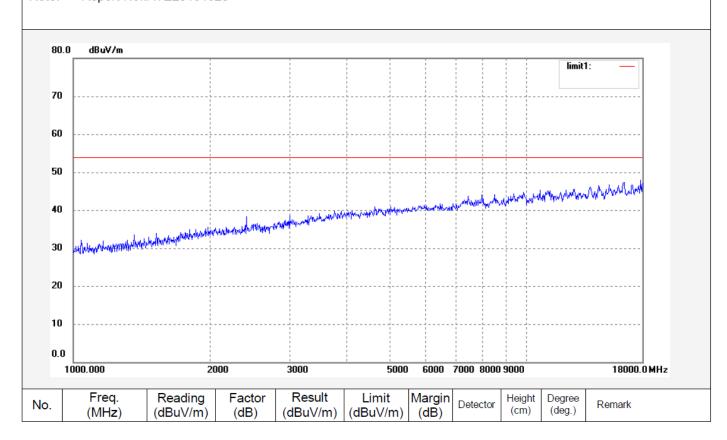
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/51/26 Engineer Signature: Distance: 3m





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.: alen #2228

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 3(802.11n)40MHz

Model: PC819

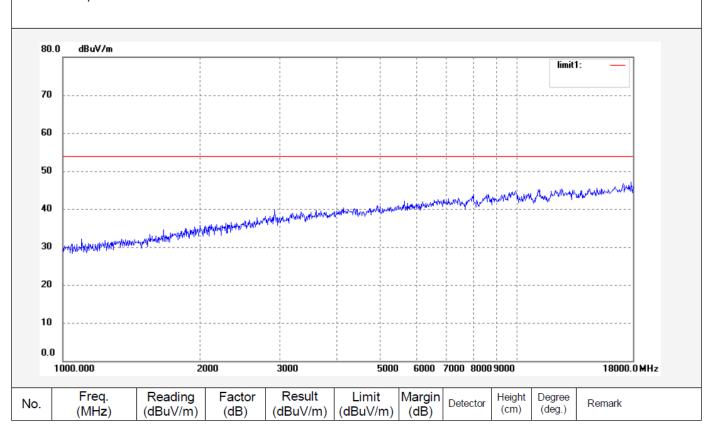
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/54/10 Engineer Signature: Distance: 3m





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.: alen #2229

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11n)40MHz

Model: PC819

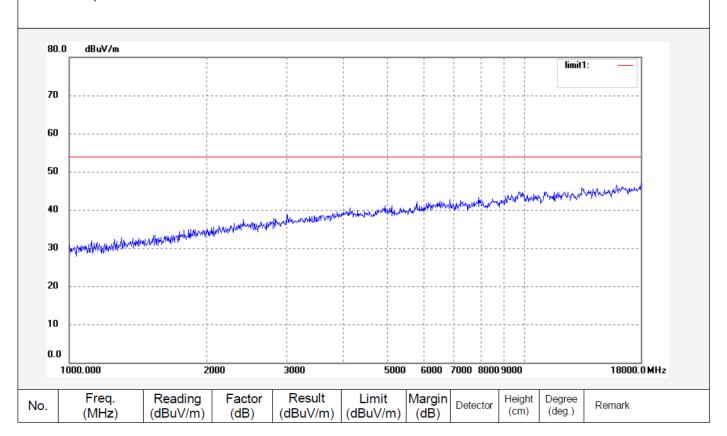
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 11/58/52 Engineer Signature: Distance: 3m





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.: alen #2230

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 6(802.11n)40MHz

Model: PC819

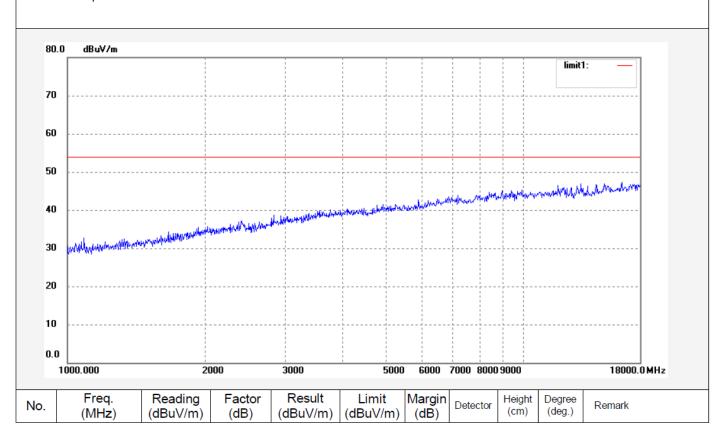
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 12/02/44 Engineer Signature: Distance: 3m





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.: alen #2231

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 9(802.11n)40MHz

Model: PC819

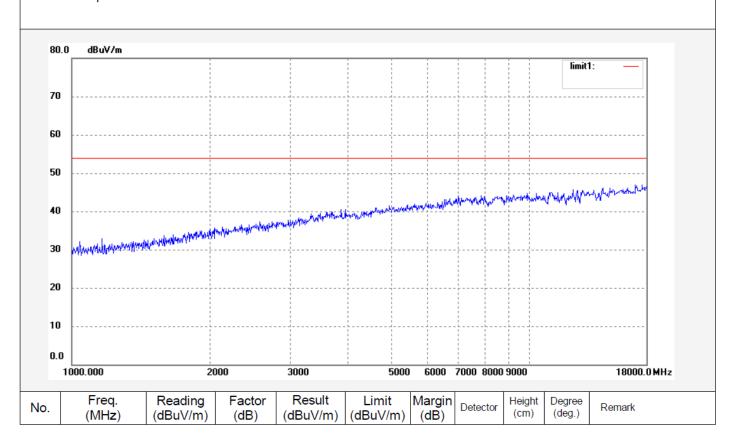
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Horizontal

Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 12/05/34 Engineer Signature: Distance: 3m





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.: alen #2232

Standard: FCC Class B 3M Radiated

Test item: Radiation Test

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

EUT: Tablet PC

Mode: TX Channel 9(802.11n)40MHz

Model: PC819

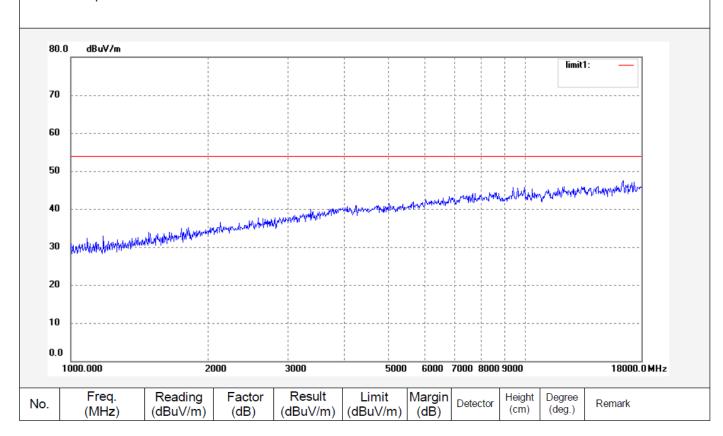
Manufacturer: Natural Sound

Note: Report No.:ATE20131620

Polarization: Vertical

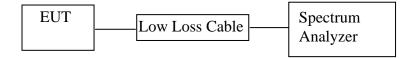
Power Source: AC 120V/60Hz

Date: 13/07/29/ Time: 12/08/13 Engineer Signature: Distance: 3m



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 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.

10.4. 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

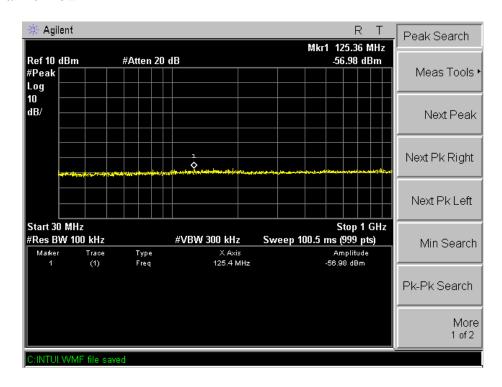
- 10.5.1. The transmitter output was connected to the spectrum analyzer via a low loss cable.
- 10.5.2.Set RBW of spectrum analyzer to 100kHz and VBW to 300kHz (below 1GHz).
- 10.5.3.Set RBW of spectrum analyzer to 1MHz and VBW to 3MHz (above 1GHz).
- 10.5.4. The Conducted Spurious Emission was measured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

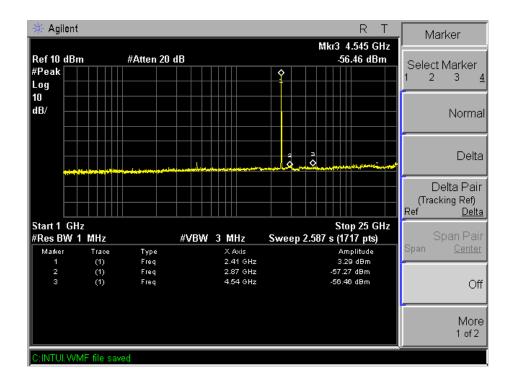
10.6.Test Result

Pass.

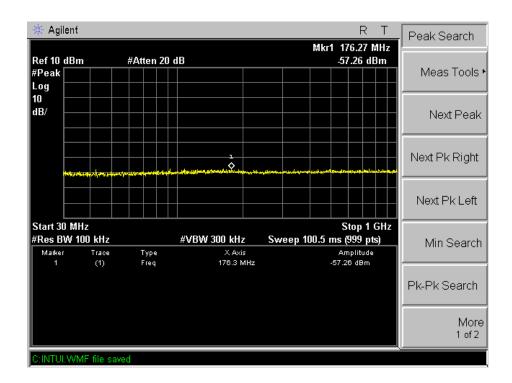
The spectrum analyzer plots are attached as below.

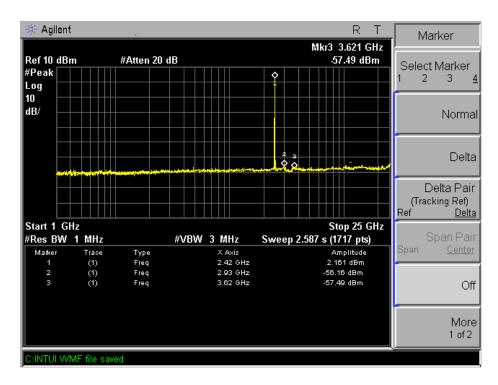
TX 802.11b Channel Low 2412MHz



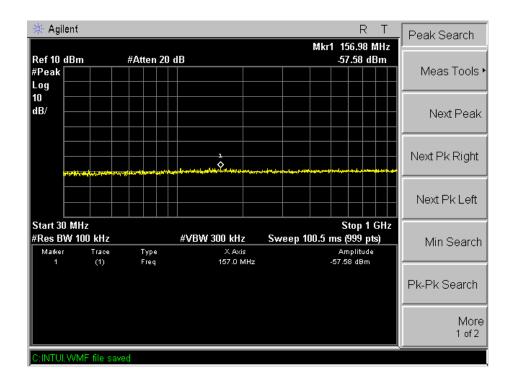


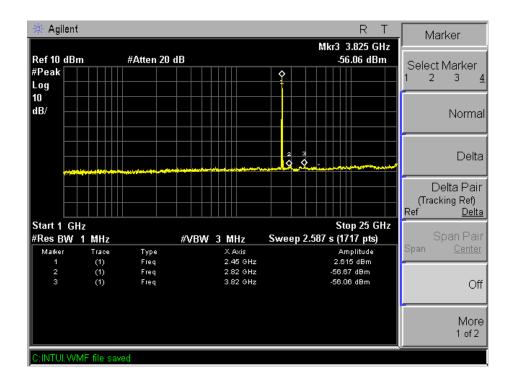
TX 802.11b Channel Middle 2437MHz



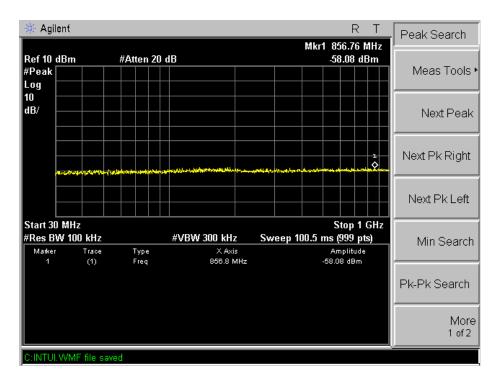


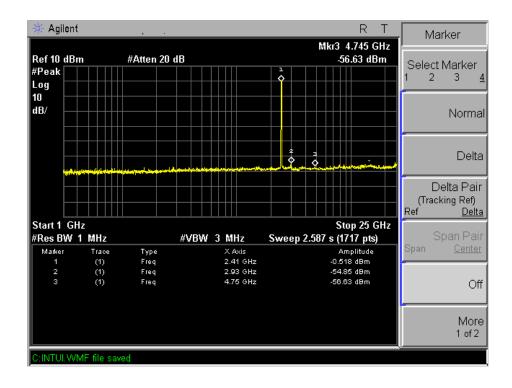
TX 802.11b Channel High 2462MHz



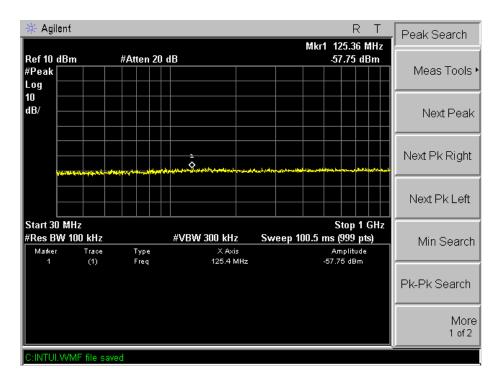


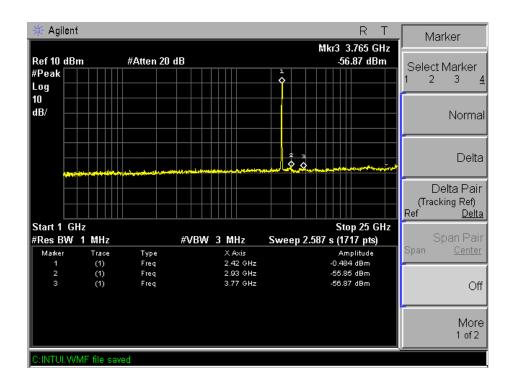
TX 802.11g Channel Low 2412MHz



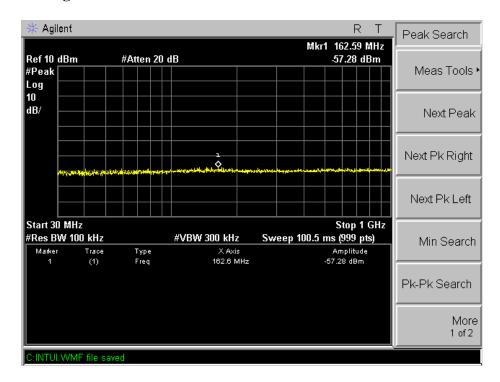


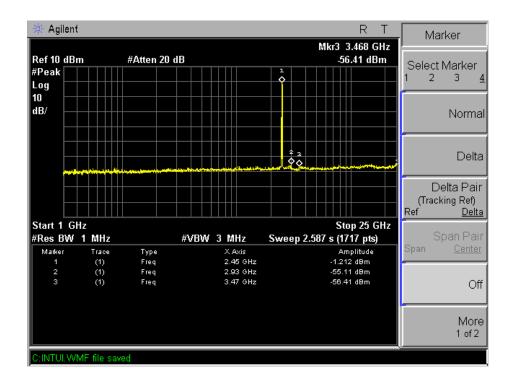
TX 802.11g Channel Middle 2437MHz



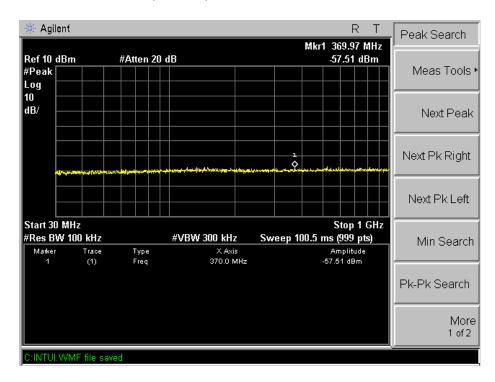


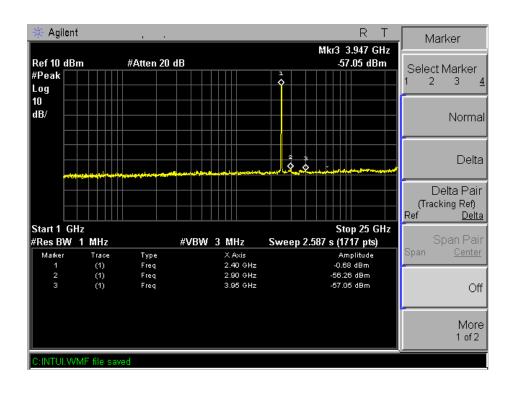
TX 802.11g Channel High 2462MHz



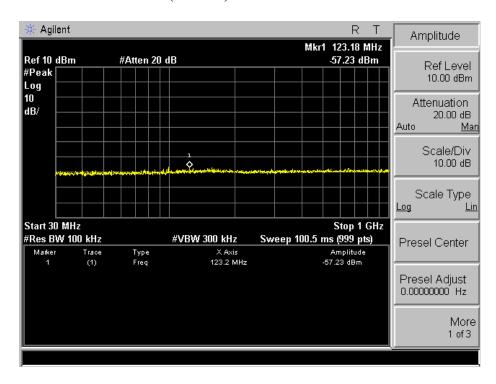


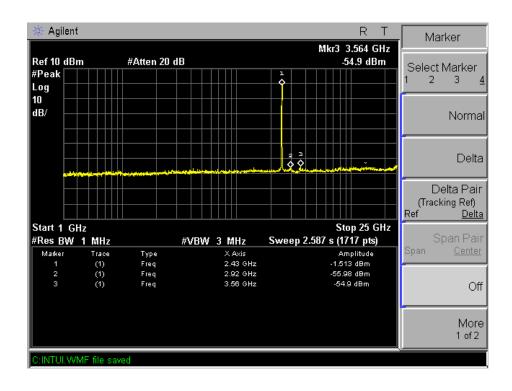
TX 802.11n Channel Low 2412MHz (20MHz)



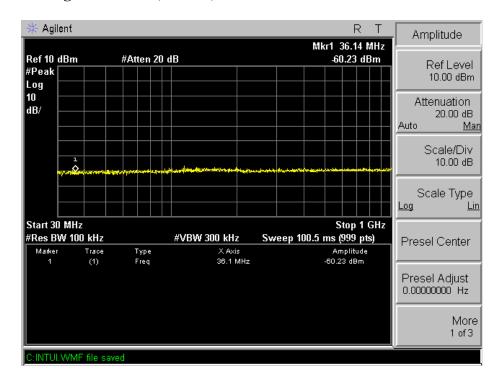


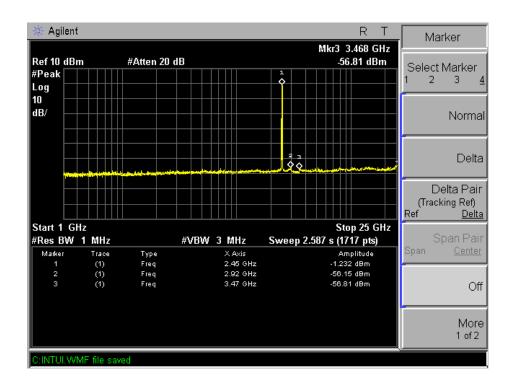
TX 802.11n Channel Middle 2437MHz (20MHz)



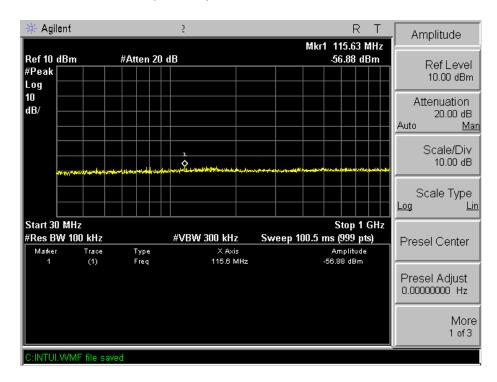


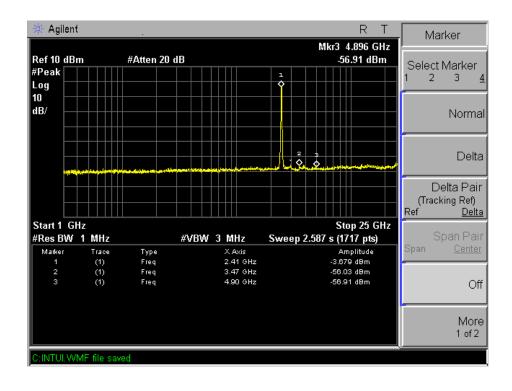
TX 802.11n Channel High 2462MHz (20MHz)



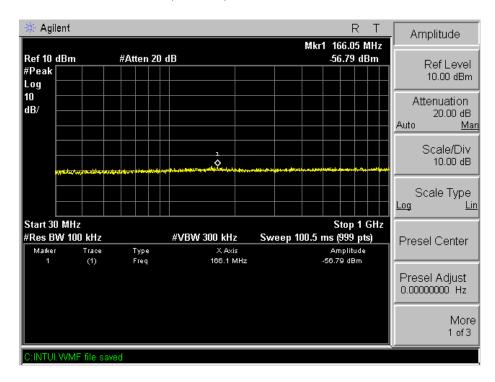


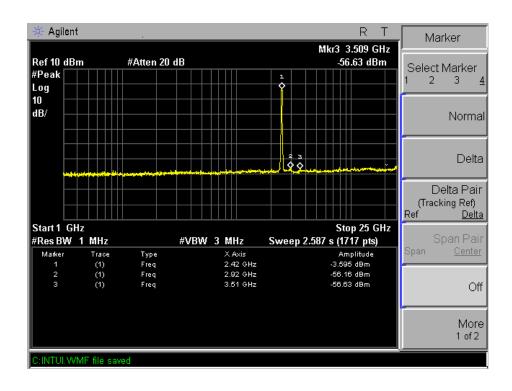
TX 802.11n Channel Low 2422MHz (40MHz)



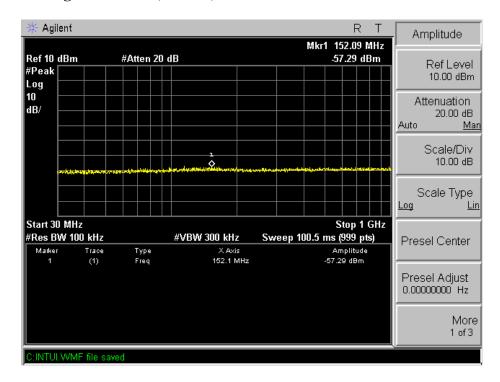


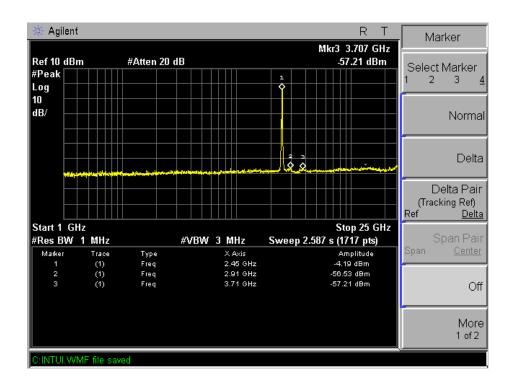
TX 802.11n Channel Middle 2437MHz (40MHz)





TX 802.11n Channel High 2452MHz (40MHz)





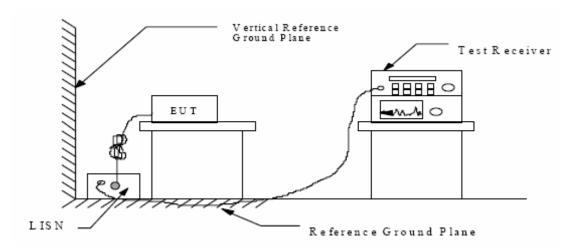
11.AC POWER LINE CONDUCTED EMISSION FOR FCC PART 15 SECTION 15.207(A)

11.1.Block Diagram of Test Setup

11.1.1.Block diagram of connection between the EUT and simulators



11.1.2.Shielding Room Test Setup Diagram



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			

^{*} Decreases with the logarithm of the frequency.

11.3. Configuration of EUT on Measurement

The 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.

11.4. 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 50ohm coupling impedance for the EUT system. Please refer the block diagram of the test setup and photographs. Both sides of AC lines are checked to find out the maximum conducted emission. In order to find the maximum emission levels, the relative positions of equipment and all of the interface cables shall be changed according to ANSI C63.4: 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

ACCURATE TECHNOLOGY CO., LTD

CONDUCTED EMISSION STANDARD EN 55022 B

Tablet PC M/N:PC819 EUT:

Manufacturer: Natural Sound Operating Condition: Charging/WiFi Test Site: 1#Shielding Room

Operator: ALEN

Test Specification: N 120V/60Hz

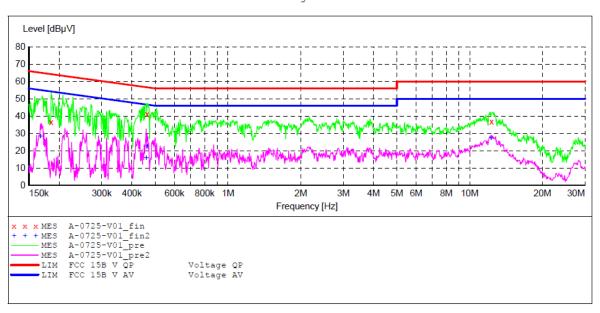
Report No:ATE20131620 7/25/2013 / 3:36:37PM Comment: Start of Test:

SCAN TABLE: "V 150K-30MHz fin"
Short Description: SUB_STD_VTERM2 1.70

Stop Step Start Detector Meas. IF Transducer

Bandw. Width Frequency Frequency Time 150.0 kHz 30.0 MHz 4.5 kHz OuasiPeak 1.0 s 9 kHz NSLK8126 2008

Average



MEASUREMENT RESULT: "A-0725-V01 fin"

7/25/2013	3:39PM						
Frequen	icy Leve	el Transd	Limit	Margin	Detector	Line	PΕ
_ N	Mz dBu	ıV dB	dBuV	dB			
	'						
0.1853	36.7	0 11.0	64	27.5	OP	N	GND
0.4623		0 11.1			~	N	GND
					~		
12.3058	36.9	10 11.4	60	23.1	QP	N	GND

MEASUREMENT RESULT: "A-0725-V01 fin2"

7/25/2013	3:39PM						
Frequen	cy Level	Transd	Limit	Margin	Detector	Line	PE
M	Hz dBµV	dB	dΒμV	dB			
0.1677	39 28.40	11.0	55	26.7	AV	N	GND
0.4587	02 15.70	11.1	47	31.0	AV	N	GND
0.4623	79 22.50	11.1	47	24.1	AV	N	GND
12.2567	83 27.20	11.4	50	22.8	AV	N	GND

CONDUCTED EMISSION STANDARD EN 55022 B

Tablet PC M/N:PC819

Manufacturer: Natural Sound Operating Condition: Charging/WiFi Test Site: 1#Shielding Room

Operator: ALEN

Test Specification: L 120V/60Hz

Report No:ATE20131620 Comment: Start of Test: 7/25/2013 / 3:39:48PM

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

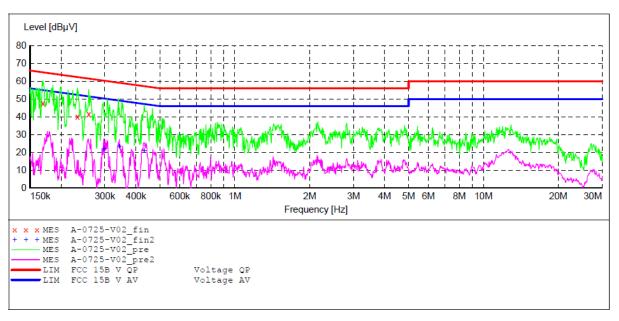
_SUB_STD_VTERM2 1.70 Short Description:

Stop Detector Meas. Step Transducer Start ΙF

Width Time Bandw.

Frequency Frequency 150.0 kHz 30.0 MHz NSLK8126 2008 4.5 kHz QuasiPeak 1.0 s 9 kHz

Average



MEASUREMENT RESULT: "A-0725-V02 fin"

7/	'25/2013 3 :	:42PM						
	Frequency	Level	Transd	Limit.	Margin	Detector	Line	PE
	MHz			dBuV	dB			
	PIIIZ	ασμν	uв	ασμν	uБ			
	0.169084	47.80	11.0	65	17.2	OP	L1	GND
	0.232702	40.20	11.0	62	22.2	ÕD	L1	GND
						~		
	0.258152	41.50	11.0	62	20.0	QP	L1	GND

MEASUREMENT RESULT: "A-0725-V02 fin2"

7/25/2013 3	:42PM						
Frequency	Level	Transd	Limit	Margin	Detector	Line	PE
MHz	dΒμV	dB	dΒμV	dB			
0.296863	22.10	11.0	50	28.2	AV	L1	GND
0.342744	23.30	11.1	49	25.8	AV	L1	GND
0.432041	20.80	11.1	47	26.4	AV	L1	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.

