

**ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT
INTENTIONAL RADIATOR CERTIFICATION TO
FCC PART 15 SUBPART C REQUIREMENT**

OF

Archos 7 home tablet

MODEL No.: 7700

This report concerns (check one): ☐ Original Grant ☒ Class II Change

FCC ID: SOV7700

REPORT NO: E1003074F-1

ISSUE DATE: June 29, 2010

Prepared for

**ARCHOS SA
12 Rue Ampere ZI 91430 Igny, France**

Prepared by

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VERIFICATION OF COMPLIANCE

Applicant:	ARCHOS SA 12 Rue Ampere ZI 91430 Igny, France
Manufacturer:	SHENZHEN YIFANG DIGITAL TECHNOLOGY CO., LTD. Building NO. 22, 23, Fifth Region, Baiwangxin Industrial Park, Songbai Rd., Nanshan, Shenzhen 518108, China
Product Description:	Archos 7 home tablet
Brand Name:	N/A
Model Number:	7700
Serial Number:	N/A
File Number:	E1003074F
Date of Test:	June 25, 2010 to June 29, 2010

We hereby certify that:

The above equipment was tested by SHENZHEN EMTEK CO., LTD. The test data, data evaluation, test procedures, and equipment configurations shown in this report were made in accordance with the procedures given in ANSI C63.4 (2003) and the energy emitted by the sample EUT tested as described in this report is in compliance with conducted and radiated emission limits of FCC Rules Part 15.247.

The test results of this report relate only to the tested sample identified in this report.

Approved By



David Lee / Q.A. Manager
SHENZHEN EMTEK CO., LTD.

Table of Contents

GENERAL INFORMATION	4
1.1 PRODUCT DESCRIPTION.....	4
1.2 RELATED SUBMITTAL(S) / GRANT (S)	4
1.3 TEST METHODOLOGY	4
1.4 SPECIAL ACCESSORIES	5
1.5 EQUIPMENT MODIFICATIONS	5
1.6 TEST FACILITY	5
2. SYSTEM TEST CONFIGURATION	6
2.1 EUT CONFIGURATION	6
2.2 EUT EXERCISE	6
2.3 TEST PROCEDURE	6
2.4 CONFIGURATION OF TESTED SYSTEM	6
3. DESCRIPTION OF TEST MODES	8
3. SUMMARY OF TEST RESULTS	9
5. CONDUCTED EMISSIONS TEST	10
5.1 MEASUREMENT PROCEDURE:.....	10
5.2 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	10
4.3 MEASUREMENT EQUIPMENT USED:	10
4.4 CONDUCTED EMISSION LIMIT	10
4.5 MEASUREMENT RESULT:.....	11
4.6 CONDUCTED MEASUREMENT PHOTOS:	12
5. RADIATED EMISSION TEST	13
5.1 MEASUREMENT PROCEDURE	13
5.2 TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION)	13
5.3 MEASUREMENT EQUIPMENT USED:	14
5.4 RADIATED EMISSION LIMIT	14
5.5 MEASUREMENT RESULT	15
5.6 RADIATED MEASUREMENT PHOTOS:	27

GENERAL INFORMATION

1.1 Product Description

A major technical descriptions of EUT is described as following:

- A). Standards: IEEE802.11b/g
- B). Operation Frequency: 2400-2483.5MHz
- C). Modulation: OFDM with BPSK, QPSK, 16QAM, 64QAM(11g), BPSK, QPSK, CCK (11b)
- D). Number of Channel: 11
- E). Max Data Rate: 11Mbps(802.11b), 54Mbps(802.11g)
- F). Conducted Power: 15.8dBm(802.11b), 12.7dBm(802.11g),
- G) PCB Gain: 2dBi
- H). Antenna Type: PCB Antenna
- I). Power Supply: DC5V with AC Adapter or with battery
- J). Adapter: M/N: KSAFC0500200W1UV
Input: 100-240V~50-60Hz, 0.3A
Output: DC5V/2A

Channel	Frequency (MHz)	Channel	Frequency (MHz)	Channel	Frequency (MHz)
1	2412	5	2432	9	2452
2	2417	6	2437	10	2457
3	2422	7	2442	11	2462
4	2427	8	2447		

Note:

1. This device is a 2.4GHz **Archos 7 home tablet** included 802.11b and 802.11g 2.4GHz transceiver function.
2. Test of channel was included the lowest middle and highest frequency in highest data rate and to perform the test, then record on this report.

1.2 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC ID: SOV7700 filing to comply with Section 15.247 of the FCC Part 15, Subpart C Rules. The composite system (receiver) is compliance with Subpart B is authorized under a DOC procedure.

1.3 Test Methodology

Both conducted and radiated testing were performed according to the procedures in ANSI C63.4 (2003). Radiated testing was performed at an antenna to EUT distance 3 meters.

1.4 Special Accessories

Not available for this EUT intended for grant.

1.5 Equipment Modifications

Not available for this EUT intended for grant.

1.6 Test Facility

Site Description
EMC Lab.

: Accredited by CNAS, 2005.11.02
The certificate is valid until 2010.11
The Laboratory has been assessed and proved to be in compliance
with CNAS/CL01:2006(identical to ISO/IEC17025: 2005)
The Certificate Registration Number is L2291

Accredited by TUV Rheinland Shenzhen 2008.3
The Laboratory has been assessed according to the requirements
ISO/IEC 17025

Accredited by FCC, March 18, 2008
The Certificate Registration Number is 709623.

Accredited by Industry Canada, May 24, 2008
The Certificate Registration Number is 46405-4480.

Name of Firm
Site Location

: SHENZHEN EMTEK CO., LTD
: Bldg 69, Majialong Industry Zone,
Nanshan District, Shenzhen, Guangdong, China

2. System Test Configuration

2.1 EUT Configuration

The EUT configuration for testing is installed on RF field strength measurement to meet the Commissions requirement and operating in a manner which intends to maximize its emission characteristics in a continuous normal application.

2.2 EUT Exercise

The Transmitter was operated in the normal operating mode. the Tx frequency was fixed which was for the purpose of the measurements.

2.3 Test Procedure

2.3.1 Conducted Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. According to the requirements in Section 13.1.4.1 of ANSI C63.4-2003. Conducted emissions from the EUT measured in the frequency range between 0.15 MHz and 30MHz using CISPR Quasi-Peak and average detector mode.

2.3.2 Radiated Emissions

The EUT is a placed on as turn table which is 0.8 m above ground plane. The turn table shall rotate 360 degrees to determine the position of maximum emission level. EUT is set 3m away from the receiving antenna which varied from 1m to 4m to find out the highest emission. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical. In order to find out the max. emission, the relative positions of this hand-held transmitter(EUT) was rotated through three orthogonal axes according to the requirements in Section 13.1.4.1 of ANSI C63.4-2003.

2.4 Configuration of Tested System

Fig. 2-1 Configuration of Tested System



Table 2-1 Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	FCC ID	Series No.	Note
1.	Archos 7 home tablet	Kingstone	7700	SOV7700	N/A	EUT
2.	Notebook	Lenovo	IdeaPad Y450	DOC	EB11499355	

Note:

- (1) Unless otherwise denoted as EUT in 『Remark』 column , device(s) used in tested system is a support equipment.

3. Description of test modes

The Transmitter of EUT is a Archos 7 home tablet and powered by host equipment. This is Digital Transmission system(DTS) and have four type of modulation DBPSK DQPSK CCK&OFDM. The data rates are 54Mbps.

The equipment enables high-speed access without wires to network assets. This adapter uses the IEEE 802.11b/g protocol to enable wireless communications between the host Archos 7 home tablet and Archos 7 home tablets, in the same way that the Archos 7 home tablet would use an Ethernet adapter.

1. For lowest channel : 2412MHz(Channel 1)
2. For middle channel : 2437MHz(Channel 6)
3. For highest channel: 2462MHz(Channel 11)

EUT operating conditions:

The EUT exercise program used during conducted testing was designed to exercise the EUT in a manner similar to typical use, The exercise sequence is listed as below:

1. Setup the EUT and simulators as shown on 2.4.
2. Turn on the power of all equipments.
3. The EUT Ping with the wireless router.
4. Repeat the above steps.

3. Summary of Test Results

FCC Rules	Description Of Test	Result	Remark
§15.207	AC Power Conducted Emission	Compliant	
§15.247(a)(2)	6dB Bandwidth	--	Note(2)
§15.247(b)(3)	Max Peak output Power test	--	Note(2)
§15.247(d),§15.209	Radiated Emission	Compliant	
§15.247(e)	Power Spectral Density	--	Note(2)
§15.247(d)	Band edge test	--	Note(2)
§15.203	Antenna Requirement	--	Note(2)

Note:

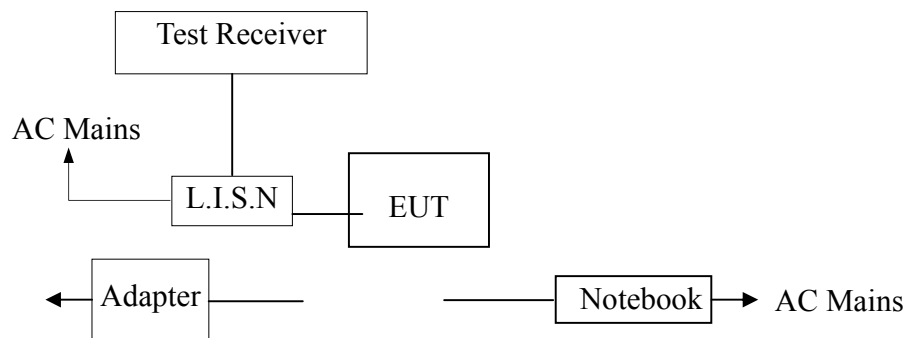
- (1) “ N/A ” denotes test is not applicable in the Test Report.
- (2) The test item is not confirm of Class II permissive change.

5. Conducted Emissions Test

5.1 Measurement Procedure:

1. The EUT was placed on a table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. Repeat above procedures until all frequency measured were complete.

5.2 Test SET-UP (Block Diagram of Configuration)



5.3 Measurement Equipment Used:

Conducted Emission Test Site # 4					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Test Receiver	Rohde & Schwarz	ESCS30	828985/018	05/29/2010	05/29/2011
L.I.S.N	Rohde & Schwarz	ESH2-Z5	834549/005	05/29/2010	05/29/2011
L.I.S.N	Rohde & Schwarz	ESH2-Z5	834549/005	05/29/2010	05/29/2011
50ΩCoaxial Switch	Anritsu	MP59B	M20531	005/29/2010	05/29/2011

5.4 Conducted Emission Limit

(7) Conducted Emission

Frequency(MHz)	Quasi-peak	Average
0.15-0.5	66-56	56-46
0.5-5.0	56	46
5.0-30.0	60	50

Note:

1. The lower limit shall apply at the transition frequencies
2. The limit decreases in line with the logarithm of the frequency in the range of 0.15 to 0.50MHz.

5.5 Measurement Result:

Date of Test:	June 25, 2010	Temperature:	22°C
Frequency Detector:	0.15~30MHz	Humidity:	50%
Test Result:	PASS	Test Mode:	WIFI Mode

Test Line	Frequency MHz	Emission Level QP dB(μV)	Emission Level AV dB(μV)	Limits QP dB(μV)	Limits AV dB(μV)	Margin QP dB(μV)	Margin AV dB(μV)
Neutral	0.195	50.10	46.24	64.04	54.04	-13.94	-7.80
	0.525	41.20	34.04	56.00	46.00	-14.80	-11.96
	0.595	42.01	36.24	56.00	46.00	-13.99	-9.76
	2.873	35.09	29.14	56.00	46.00	-20.91	-16.86
	14.276	36.27	30.24	60.00	50.00	-23.73	-19.76
	23.589	33.58	28.86	60.00	50.00	-26.42	-21.14
Line	0.195	49.25	44.52	64.04	54.04	-14.79	-9.52
	0.520	41.57	34.47	56.00	46.00	-14.43	-11.53
	0.595	40.54	32.47	56.00	46.00	-15.46	-13.53
	2.873	38.47	31.47	56.00	46.00	-17.53	-14.53
	14.276	35.77	29.57	60.00	50.00	-24.23	-20.43
	23.589	37.58	32.47	60.00	50.00	-22.42	-17.53

5.6 Conducted Measurement Photos:



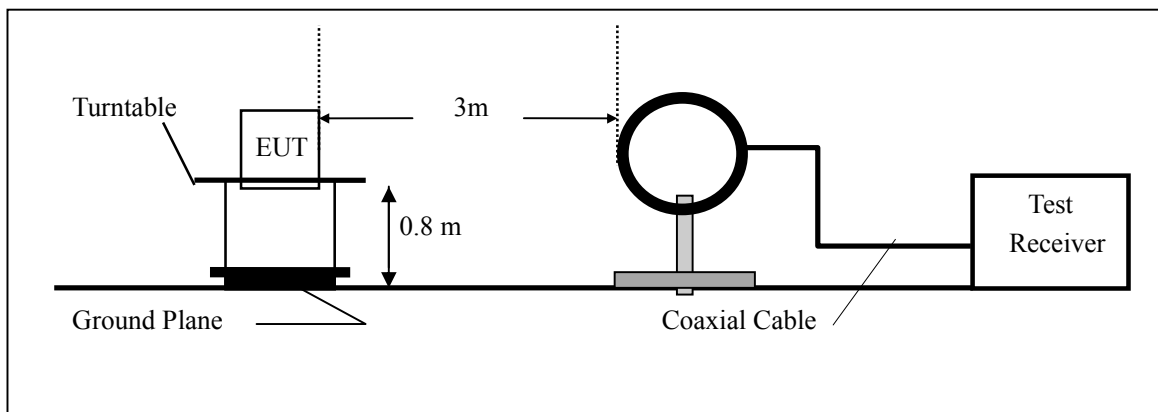
6. Radiated Emission Test

6.1 Measurement Procedure

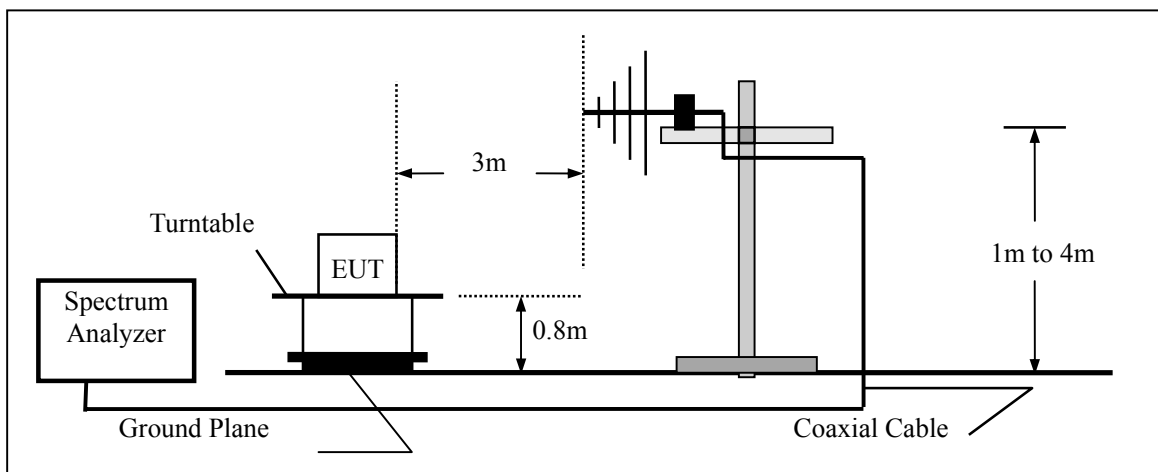
1. The EUT was placed on a turn table which is 0.8m above ground plane.
2. Maximum procedure was performed on the six highest emissions to ensure EUT compliance.
3. And also, each emission was to be maximized by changing the polarization of receiving antenna both horizontal and vertical.
4. Repeat above procedures until all frequency measured were complete.

6.2 Test SET-UP (Block Diagram of Configuration)

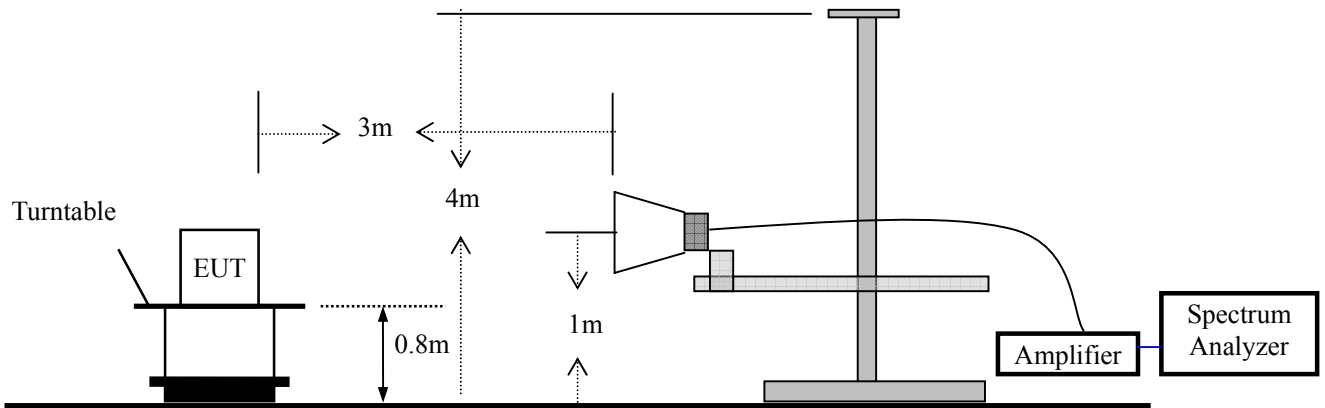
(A) Radiated Emission Test Set-Up, Frequency Below 30MHz



(B) Radiated Emission Test Set-Up, Frequency Below 1000MHz



(C) Radiated Emission Test Set-Up, Frequency above 1000MHz



6.3 Measurement Equipment Used:

EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	Rohde & Schwarz	FSP7	839511/010	05/29/2010	05/29/2011
Spectrum Analyzer	HP	E4407B	839840481	05/29/2010	05/29/2011
EMI Test Receiver	Rohde & Schwarz	ESCS30	828985/018	05/29/2010	05/29/2011
Pre-Amplifier	HP	8447D	2944A07999	05/29/2010	05/29/2011
Bilog Antenna	Schwarzbeck	VULB9163	142	05/29/2010	05/29/2011
Loop Antenna	ARA	PLA-1030/B	1029	05/29/2010	05/29/2011
Horn Antenna	Electro-Metrics	EM-6961	103314	05/29/2010	05/29/2011
Horn Antenna	Schwarzbeck	BBHA 9120	D143	05/29/2010	05/29/2011

6.4 Radiated emission limit

FCC Class B Limit at 3m

Frequency MHz	Distance Meter	Field Strength uV/m	Field Strength dBuV/m
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
Above 960	3	500	54.0

Note: The frequencies above 1000MHz, as measured using instrumentation with a peak detector function was corresponding to 20dB above maximum permitted average limit.

6.5 Measurement Result

Operation Mode: 802.11b TX Channel 1 Test Date : 06/26/2010
Frequency Range: 30~1000MHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV)	Limit 3m (dBuV/m)	Margin (dB)	Note
425.14	V	41.14	46.00	-4.86	PK
473.44	V	39.35	46.00	-6.65	PK
498.58	V	38.27	46.00	-7.73	PK
524.25	V	40.35	46.00	-5.65	PK
574.47	V	41.14	46.00	-4.86	PK
624.59	V	33.47	46.00	-12.53	PK
324.47	H	35.24	43.50	-8.26	PK
426.38	H	35.27	46.00	-10.73	PK
473.47	H	36.45	46.00	-9.55	PK
524.75	H	35.23	46.00	-10.77	PK
574.47	H	36.27	46.00	-9.73	PK
624.47	H	42.47	46.00	-3.53	PK

Note: (1) All Readings are Peak Value.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) The average measurement was not performed when the peak measured data under the limit of average detection.

Operation Mode: 802.11b TX Channel 6 Test Date : 06/26/2010
Frequency Range: 30~1000MHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV)	Limit 3m (dBuV/m)	Margin (dB)	Note
424.32	V	35.00	43.50	-8.50	PK
474.77	V	29.40	43.50	-14.10	PK
499.47	V	35.65	46.00	-10.35	PK
525.82	V	37.33	46.00	-8.67	PK
575.27	V	36.24	46.00	-9.76	PK
625.37	V	40.27	46.00	-5.73	PK
199.27	H	38.13	43.50	-5.37	PK
374.49	H	27.34	46.00	-18.66	PK
423.55	H	35.11	46.00	-10.89	PK
524.34	H	33.63	46.00	-12.37	PK
573.27	H	34.49	46.00	-11.51	PK
724.17	H	40.35	46.00	-5.65	PK

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) The average measurement was not performed when the peak measured data under the limit of average detection.

Operation Mode: 802.11b TX Channel 11 Test Date : 06/26/2010
Frequency Range: 30~1000MHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV)	Limit 3m (dBuV/m)	Margin (dB)	Note
199.24	V	38.25	43.50	-5.25	PK
375.37	V	37.16	46.00	-8.84	PK
424.23	V	34.25	46.00	-11.75	PK
474.45	V	39.73	46.00	-6.27	PK
525.75	V	36.22	46.00	-9.78	PK
724.34	V	40.64	46.00	-5.36	PK
375.35	H	38.05	43.50	-5.45	PK
424.45	H	38.27	43.50	-5.23	PK
473.47	H	31.89	46.00	-14.11	PK
523.43	H	35.28	46.00	-10.72	PK
575.74	H	35.64	46.00	-10.36	PK
625.33	H	40.57	46.00	-5.43	PK

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) The average measurement was not performed when the peak measured data under the limit of average detection.

Operation Mode: 802.11g TX Channel 1 Test Date : 06/26/2010
Frequency Range: 30~1000MHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBUV)	Limit 3m (dBUV/m)	Margin (dB)	Note
424.23	V	36.16	46.00	-9.84	PK
474.15	V	40.35	46.00	-5.65	PK
499.12	V	38.21	46.00	-7.79	PK
525.34	V	41.65	46.00	-4.35	PK
575.27	V	37.07	46.00	-8.93	PK
625.23	V	38.24	46.00	-7.76	PK
424.16	H	37.47	43.50	-6.03	PK
448.33	H	36.24	43.50	-7.26	PK
473.37	H	36.17	46.00	-9.83	PK
524.57	H	36.83	46.00	-9.17	PK
575.34	H	38.25	46.00	-7.75	PK
624.78	H	36.34	46.00	-9.66	PK

Note: (1) All Readings are Peak Value.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) The average measurement was not performed when the peak measured data under the limit of average detection.

Operation Mode: 802.11g TX Channel 6 Test Date : 06/26/2010
Frequency Range: 30~1000MHz Temperature : 28 °C
Test Result: PASS Humidity : 65%
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV)	Limit 3m (dBuV/m)	Margin (dB)	Note
423.47	V	38.14	46.00	-7.86	PK
473.54	V	36.47	46.00	-9.53	PK
493.14	V	39.12	46.00	-6.88	PK
525.35	V	38.32	46.00	-7.68	PK
624.24	V	40.25	46.00	-5.75	PK
822.13	V	38.80	46.00	-7.20	PK
423.32	H	32.47	43.50	-11.03	PK
449.15	H	35.47	46.00	-10.53	PK
474.35	H	41.23	46.00	-4.77	PK
523.34	H	36.57	46.00	-9.43	PK
574.24	H	39.41	46.00	-6.59	PK
625.14	H	36.47	46.00	-9.53	PK

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) The average measurement was not performed when the peak measured data under the limit of average detection.

Operation Mode: 802.11g TX Channel 11 Test Date : 06/26/2010
Frequency Range: 30~1000MHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level (dBuV)	Limit 3m (dBuV/m)	Margin (dB)	Note
424.61	V	37.13	46.00	-8.87	PK
473.14	V	38.47	46.00	-7.53	PK
492.37	V	36.47	46.00	-9.53	PK
524.37	V	35.34	46.00	-10.66	PK
575.69	V	37.47	46.00	-8.53	PK
625.69	V	35.33	46.00	-10.67	PK
424.61	H	33.35	46.00	-12.65	PK
374.98	H	38.79	46.00	-7.21	PK
473.68	H	33.43	46.00	-12.57	PK
523.62	H	36.47	46.00	-9.53	PK
574.43	H	33.47	46.00	-12.53	PK
626.47	H	41.44	46.00	-4.56	PK

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) The average measurement was not performed when the peak measured data under the limit of average detection.

Operation Mode:	802.11b TX Channel 1	Test Date :	06/26/2010
Frequency Range:	Above 1GHz	Temperature :	28 °C
Test Result:	PASS	Humidity :	65 %
Measured Distance:	3m	Test By:	KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV)		Limit 3m(dBuV/m)		Margin(dB)	
		PK	AV	PK	AV	PK	AV
4816.12	V	56.23	42.34	74	54	-17.77	-11.66
7238.24	V	55.95	46.48	74	54	-18.05	-7.52
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
4816.22	H	56.79	42.84	74	54	-17.21	-11.16
4823.35	H	56.95	46.79	74	54	-17.05	-7.21
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--

All emissions not reported were more than 20dB below the specified limit or in the noise floor.

Note:

- (1) All Readings are Peak Value and AV.
- (2) Emission Level= Reading Level+Probe Factor +Cable Loss
- (3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Operation Mode: 802.11b(Channel 6) Test Date : 06/26/2010
Frequency Range: Above 1GHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV)		Limit 3m(dBuV/m)		Margin(dB)	
		PK	AV	PK	AV	PK	AV
4858	V	53.45	37.54	74	54	-20.55	-16.46
7304	V	55.44	47.84	74	54	-18.56	-6.16
--	H	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
4858	H	54.14	36.99	74	54	-19.86	-17.01
7304	H	56.10	48.01	74	54	-17.90	-5.99
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--

All emissions not reported were more than 20dB below the specified limit or in the noise floor.

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Operation Mode:	802.11b(Channel 11)	Test Date :	06/26/2010
Frequency Range:	Above 1GHz	Temperature :	28 °C
Test Result:	PASS	Humidity :	65 %
Measured Distance:	3m	Test By:	KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV)		Limit 3m(dBuV/m)		Margin(dB)	
		PK	AV	PK	AV	PK	AV
4924	V	54.88	41.25	74	54	-19.12	-12.75
7386	V	55.24	47.31	74	54	-18.76	-6.69
--	H	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
4924	H	52.86	42.56	74	54	-21.14	-11.44
7386	H	54.90	46.40	74	54	-19.10	-7.60
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--

No others harmonics emissions are higher than 20dB below the limits of 47 CFR Part 15.247.

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Operation Mode: 802.11g TX Channel 1 Test Date : 06/26/2010
Frequency Range: Above 1GHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: KL

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV)		Limit 3m(dBuV/m)		Margin(dB)	
		PK	AV	PK	AV	PK	AV
4814.10	V	44.34	35.21	74	54	-29.66	-18.79
7238.35	V	50.34	39.24	74	54	-23.66	-14.76
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
4814.10	H	45.35	36.37	74	54	-28.65	-17.63
7238.35	H	51.37	42.44	74	54	-22.63	-11.56
--	V	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--

All emissions not reported were more than 20dB below the specified limit or in the noise floor.

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Operation Mode: 802.11g(Channel 6) Test Date : 06/26/2010
Frequency Range: Above 1GHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: Andy

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV)		Limit 3m(dBuV/m)		Margin(dB)	
		PK	AV	PK	AV	PK	AV
4858	V	42.37	35.74	74	54	-31.63	-18.26
7304	V	46.34	37.24	74	54	-27.66	-16.76
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
4858	H	44.26	34.80	74	54	-29.74	-19.20
7304	H	43.47	35.14	74	54	-30.53	-18.86
--	V	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--

All emissions not reported were more than 20dB below the specified limit or in the noise floor.

- Note:**
- (1) All Readings are Peak Value and AV.
 - (2) Emission Level= Reading Level+Probe Factor +Cable Loss
 - (3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

Operation Mode: 802.11g(Channel 11) Test Date : 06/26/2010
Frequency Range: Above 1GHz Temperature : 28 °C
Test Result: PASS Humidity : 65 %
Measured Distance: 3m Test By: Andy

Freq. (MHz)	Ant.Pol. H/V	Emission Level(dBuV)		Limit 3m(dBuV/m)		Margin(dB)	
		PK	AV	PK	AV	PK	AV
4924	V	48.24	39.17	74	54	-25.76	-14.83
7386	V	46.14	35.98	74	54	-27.86	-18.02
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
--	V	--	--	74	54	--	--
4924	H	59.74	40.08	74	54	-14.26	-13.92
7386	H	47.47	38.17	74	54	-26.53	-15.83
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--
--	H	--	--	74	54	--	--

No others harmonics emissions are higher than 20dB below the limits of 47 CFR Part 15.247.

Note: (1) All Readings are Peak Value and AV.
(2) Emission Level= Reading Level+Probe Factor +Cable Loss
(3) Data of measurement within this frequency range shown “ -- ” in the table above means the reading of emissions are attenuated more than 20dB below the permissible limits or the field strength is too small to be measured.

5.6 Radiated Measurement Photos:

