PART 15B TEST REPORT
On Behalf of
ILIFE TECHNOLOGY(HK) LIMITED

TABLET PC
Model No.: D707, D706, D977, D976

Prepared for	:	ILIFE TECHNOLOGY(HK) LIMITED
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Report Number	:	201206759F
Date of Test	:	Jun. 18~30, 2012
Date of Report	:	Jun. 30, 2012

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TEST REPORT VERIFICATION

Applicant	:	ILIFE TECHNOLOGY(HK) LIMITED
Manufacturer	:	ILIFE TECHNOLOGY(HK) LIMITED
EUT	:	TABLET PC
Model No.	:	D707, D706, D977, D976
Rating	:	DC 5V, 1.5A
Trade Mark	:	N.A.

Measurement Procedure Used:

FCC Rules and Regulations Part 15 Subpart B 2011 & FCC / ANSI C63.4-2009

The device described above is tested by Anbotek Compliance Laboratory Limited To determine the maximum emission levels emanating from the device. The maximum emission levels are compared to the FCC Part 15 Subpart B Class B limits both radiated and conducted emissions. The measurement results are contained in this test report and Anbotek Compliance Laboratory Limited Is assumed full responsibility for the accuracy and completeness of these measurements. Also, this report shows that the Equipment Under Test (EUT) is to be technically compliant with the FCC requirements.

This report applies to above tested sample only. This report shall not be reproduced in part without written approval of Anbotek Compliance Laboratory Limited

Date of Test : Jun. 18~30, 2012

Prepared by : Barak Ban

(Engineer/ Barak Ban)

Reviewer : Jerry Du

(Project Manager/ Jerry Du)

Approved & Authorized Signer : Tom. Chen

(Manager/ Tom Chen)

1. GENERAL INFORMATION

1.1. Description of Device (EUT)

Description	:	TABLET PC
Model Number	:	D707, D706, D977, D976 (Note: All samples are the same except the model number & Output of appliances, so we prepare“D707” for EMC test only.)
Test Power Supply	:	DC 5V
Applicant	:	ILIFE TECHNOLOGY(HK) LIMITED
Address	:	3rd Floor, Bld. 3, Lijincheng Industrial Park, The East of Gongye Road, Longhua, Shenzhen, China
Manufacturer	:	ILIFE TECHNOLOGY(HK) LIMITED
Address	:	3rd Floor, Bld. 3, Lijincheng Industrial Park, The East of Gongye Road, Longhua, Shenzhen, China
Date of Sample received	:	Jun. 18, 2012
Date of Test	:	Jun. 18~30, 2012

2. POWER LINE CONDUCTED MEASUREMENT

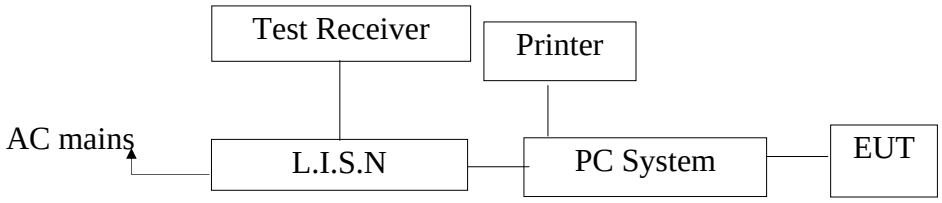
2.1. Test Equipment

The following test equipments are used during the power line conducted measurement:

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Receiver	Rohde & Schwarz	ESCI	100627	Apr.25, 2012	1 Year
2.	Two-Line V-network	Rohde & Schwarz	ENV216	10055	Apr.25, 2012	1 Year
3.	RF Switching Unit	Compliance Direction	RSU-M2	38303	Apr.25, 2012	1 Year
4.	EMI Test Software	ES-K1	N/A	N/A	N/A	N/A

2.2. Block Diagram of Test Setup

2.2.1. Block diagram of connection between the EUT and simulators



(EUT: TABLET PC)

2.3. Power Line Conducted Emission Measurement Limits (FCC Part 15 Class B)

Frequency MHz	Limits dB(μV)	
	Quasi-peak Level	Average Level
0.15 ~ 0.50	66 ~ 56*	56 ~ 46*
0.50 ~ 5.00	56	46
5.00 ~ 30.00	60	50

Notes: 1. *Decreasing linearly with logarithm of frequency.
2. The lower limit shall apply at the transition frequencies.

2.4. Configuration of EUT on Measurement

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

EUT	:	TABLET PC
Model Number	:	D707
Applicant	**:**	ILIFE TECHNOLOGY(HK) LIMITED

2.5. Operating Condition of EUT

2.5.1. Setup the EUT and simulator as shown as Section 2.2.
2.5.2. Turn on the power of all equipment.
2.5.3. Let the EUT work measure it.

2.6. Test Procedure

The EUT system 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 line 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 FCC ANSI C63.4-2009 on Conducted Emission Measurement.

The bandwidth of test receiver (ESCI) set at 9KHz.

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

The test result are reported on Section 2.7.

2.7. Power Line Conducted Emission Measurement Results

PASS.

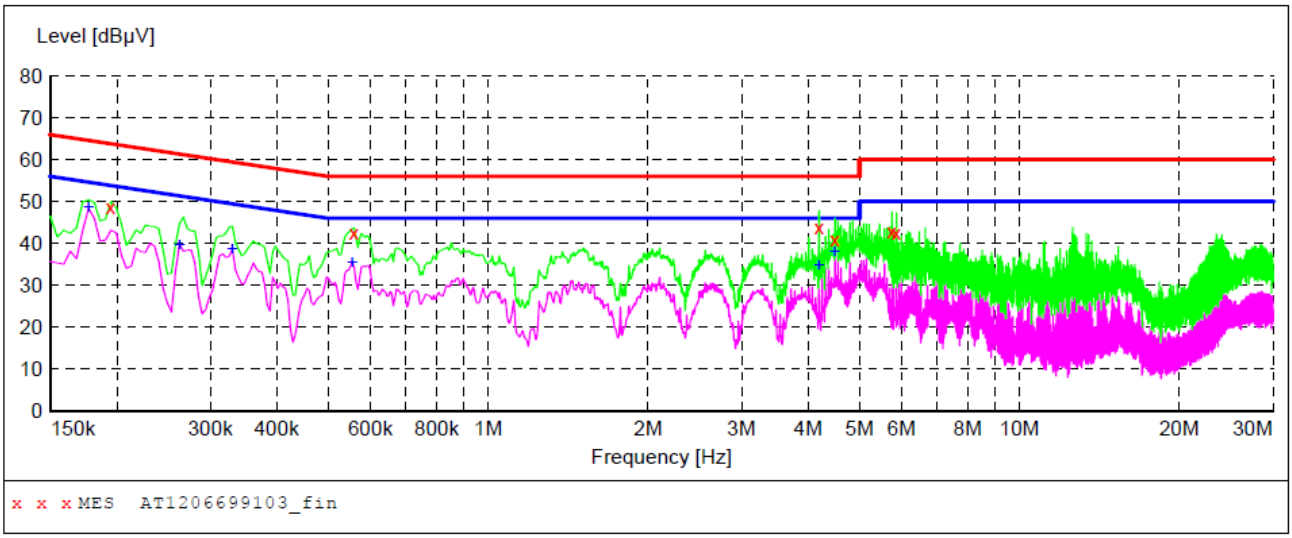
The frequency range from 150KHz to 30 MHz is investigated.

The test curves are shown in the following pages.

CONDUCTED EMISSION TEST DATA

EUT:	TABLET PC M/N:D707
Operating Condition:	USB Charging and Playing
Test Site:	1# Shielded Room
Operator:	Barak Ban
Test Specification:	DC 5V
Comment:	L
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"
Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "AT1206699103_fin"

6/19/2012 4:27PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.195000	48.60	10.1	64	15.2	QP	L1	GND
0.559500	42.70	10.1	56	13.3	QP	L1	GND
4.195000	43.80	10.5	56	12.2	QP	L1	GND
4.496500	41.10	10.5	56	14.9	QP	L1	GND
5.752000	43.00	10.5	60	17.0	QP	L1	GND
5.869000	42.70	10.5	60	17.3	QP	L1	GND

MEASUREMENT RESULT: "AT1206699103_fin2"

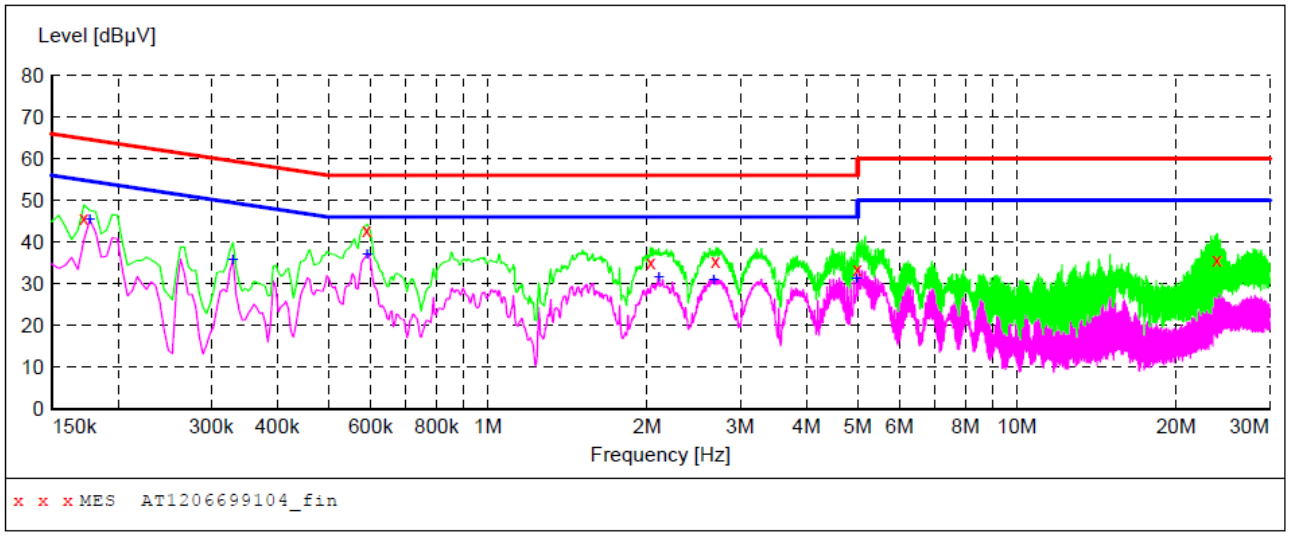
6/19/2012 4:27PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177000	48.70	10.1	55	5.9	AV	L1	GND
0.262500	39.70	10.1	51	11.7	AV	L1	GND
0.330000	38.80	10.1	50	10.7	AV	L1	GND
0.555000	35.60	10.1	46	10.4	AV	L1	GND
4.195000	34.80	10.5	46	11.2	AV	L1	GND
4.492000	38.00	10.5	46	8.0	AV	L1	GND

CONDUCTED EMISSION TEST DATA

EUT:	TABLET PC M/N:D707
Operating Condition:	USB Charging and Playing
Test Site:	1# Shielded Room
Operator:	Barak Ban
Test Specification:	DC 5V
Comment:	N
	Tem:25℃ Hum:50%

SCAN TABLE: "Voltage(150K~30M)FIN"
Short Description: 150K-30M Disturbance Voltages



MEASUREMENT RESULT: "AT1206699104_fin"

6/19/2012 4:30PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.172500	45.80	10.1	65	19.0	QP	N	GND
0.591000	43.00	10.1	56	13.0	QP	N	GND
2.035000	35.30	10.3	56	20.7	QP	N	GND
2.696500	35.40	10.4	56	20.6	QP	N	GND
4.991500	33.70	10.5	56	22.3	QP	N	GND
23.860000	35.70	10.8	60	24.3	QP	N	GND

MEASUREMENT RESULT: "AT1206699104_fin2"

6/19/2012 4:30PM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Detector	Line	PE
0.177000	45.50	10.1	55	9.1	AV	N	GND
0.330000	35.70	10.1	50	13.8	AV	N	GND
0.591000	37.20	10.1	46	8.8	AV	N	GND
2.102500	31.50	10.3	46	14.5	AV	N	GND
2.674000	31.10	10.4	46	14.9	AV	N	GND
4.973500	31.20	10.5	46	14.8	AV	N	GND

3. RADIATED EMISSION MEASUREMENT

3.1. Test Equipment

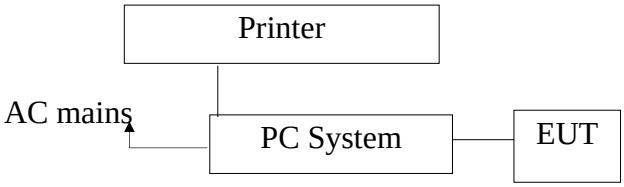
The following test equipments are used during the radiated emission measurement:

3.1.1. For Anechoic Chamber

Item	Equipment	Manufacturer	Model No.	Serial No.	Last Cal.	Cal. Interval
1.	EMI Test Receiver	Rohde & Schwarz	ESCI	101604	Apr.25, 2012	1 Year
2.	Bilog Antenna	Schwarzbeck	VULB9163	100015	Apr.25, 2012	1 Year
3.	Pre-amplifier	Compliance Direction	PAP-0203	22008	Apr.25, 2012	1 Year
4.	EMI Test Software	SHURPLE	N/A	N/A	N/A	N/A
5.	Coaxial cable	ANBOTEK	N/A	N/A	N/A	N/A

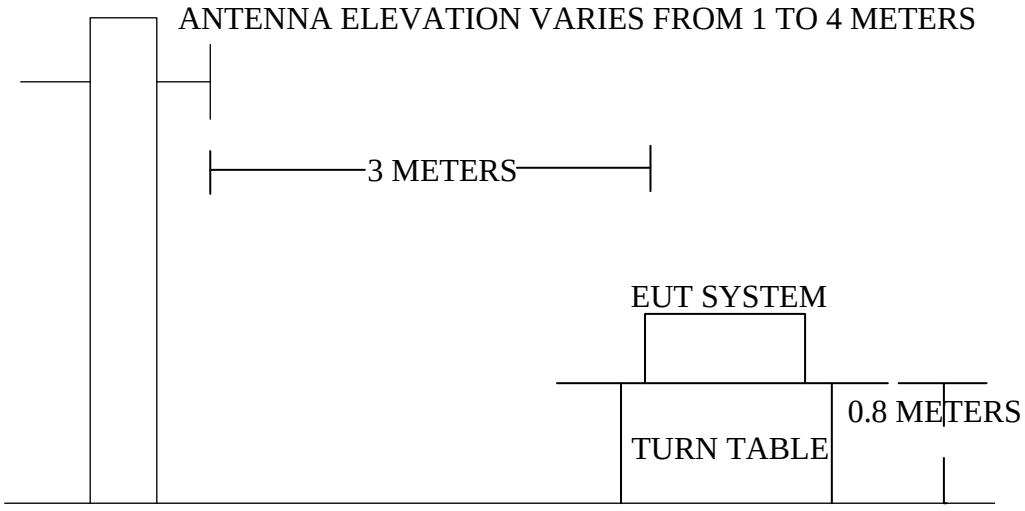
3.2. Block Diagram of Test Setup

3.2.1. Block diagram of connection between the EUT and simulators



(EUT: TABLET PC)

3.2.2. Anechoic Chamber Test Setup Diagram



(EUT: TABLET PC)

3.3. Radiated Emission Limit (Subpart B Class B)

FREQUENCY MHz	DISTANCE Meters	FIELD STRENGTHS LIMIT	
		μV/m	dB(μV)/m
30~88	3	100	40.0
88~216	3	150	43.5
216~960	3	200	46.0
960~1000	3	500	54.0

Remark： (1) Emission level (dB)μV = 20 log Emission level μV/m

(2) The smaller limit shall apply at the cross point between two frequency bands.

(3) Distance is the distance in meters between the measuring instrument, antenna and the closest point of any part of the device or system.

3.4. EUT Configuration on Measurement

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

EUT	**:**	TABLET PC
Model Number	**:**	D707
Applicant	**:**	ILIFE TECHNOLOGY(HK) LIMITED

3.5. Operating Condition of EUT

3.5.1. Setup the EUT as shown in Section 3.2.

3.5.2. Let the EUT work measure it.

3.6. Test Procedure

EUT and its simulators are placed on a turn table, which is 0.8 meter high above ground. The turn table can rotate 360 degrees to determine the position of the maximum emission level. EUT is set 3.0 meters away from the receiving antenna, which is mounted on a antenna tower. The antenna can be moved up and down between 1.0 meter and 4 meters to find out the maximum emission level. Broadband antenna (Trilog Broadband Antenna) is used as receiving antenna. Both horizontal and vertical polarizations of the antenna are set on measurement. In order to find the maximum emission levels, all of the interface cables must be manipulated according to ANSI C63.4-2009 on radiated emission measurement.

The bandwidth of the EMI test receiver (ESPI) is set at 120kHz.

The frequency range from 30MHz to 1000MHz is checked.

The test mode (USB Charging and Playing) is tested in chamber and all the test

results are listed in Section 3.7.

3.7. Radiated Emission Measurement Results

PASS.

The test curves are shown in the following pages.

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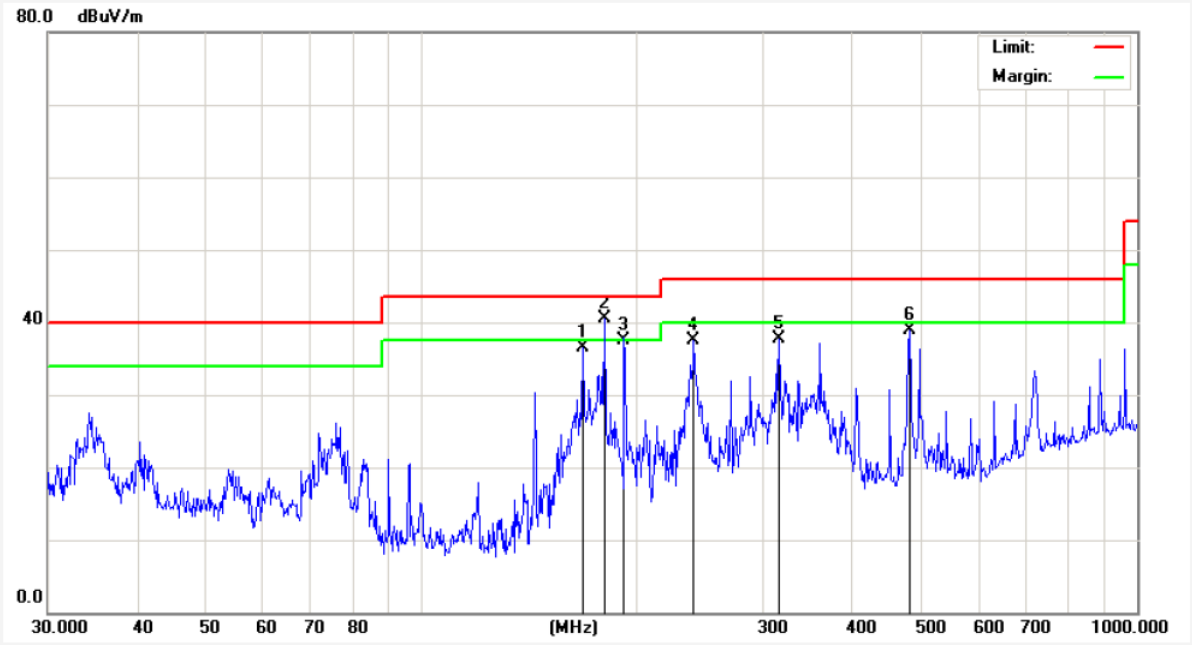
Job No.:	**AT1206699F**	**Polarziation:**	**Horizontal**
Standard:	**(RE)FCC PART15 B _3m**	**Power Source:**	**DC 5V**
Test item:	**Radiation Test**	**Date:**	**2012/06/20**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:06:24**
EUT:	**TABLET PC**	**Test By:**	**Barak Ban**
Model:	**D707**	**Distance:**	**3m**
Note:	**USB Charging and Playing**		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	167.8243	67.76	-31.23	36.53	43.50	-6.97	peak			
2	180.0165	70.89	-30.41	40.48	43.50	-3.02	QP	100	360	
3	191.7450	67.00	-29.46	37.54	43.50	-5.96	QP	300	0	
4	239.9874	64.11	-26.60	37.51	46.00	-8.49	peak			
5	315.4808	62.03	-24.31	37.72	46.00	-8.28	peak			
6	480.5276	58.86	-19.90	38.96	46.00	-7.04	peak			

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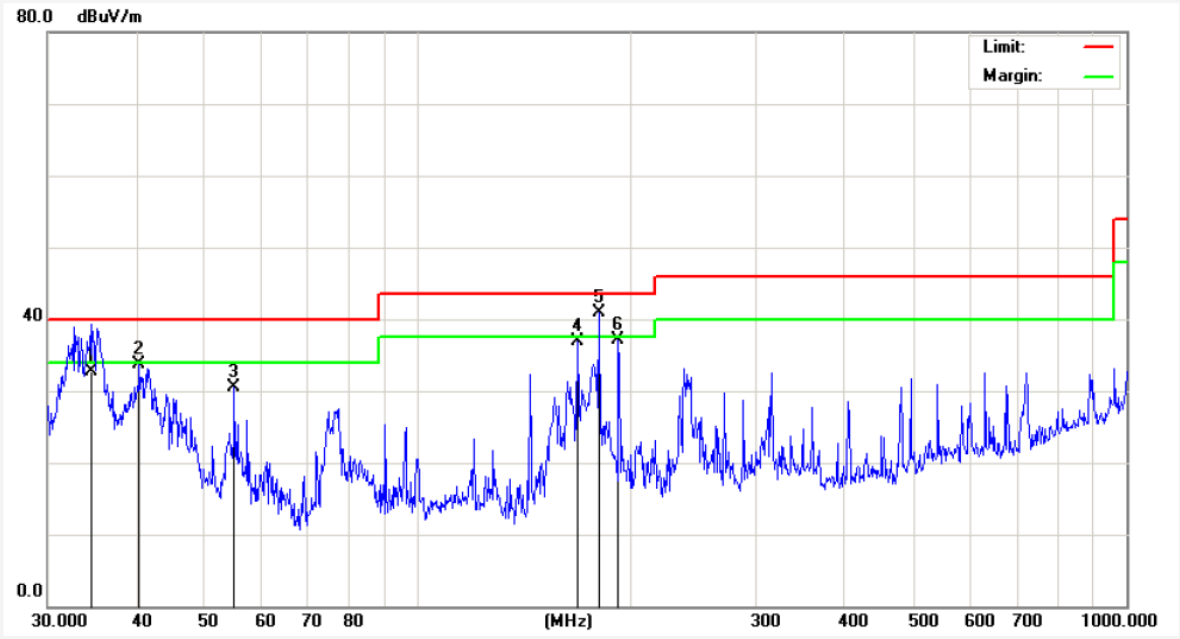
Job No.:	**AT1206699F**	**Polarziation:**	**Vertical**
Standard:	**(RE)FCC PART15 B _3m**	**Power Source:**	**DC 5V**
Test item:	**Radiation Test**	**Date:**	**2012/06/20**
Temp.(C)/Hum.(%RH):	**24.3(C)/55%RH**	**Time:**	**11:09:28**
EUT:	**TABLET PC**	**Test By:**	**Barak Ban**
Model:	**D707**	**Distance:**	**3m**
Note:	**USB Charging and Playing**		



No.	Freq. (MHz)	Reading (dBuV/m)	Factor (dB/m)	Result (dBuV/m)	Limit (dBuV/	Over Limit (dB)	Detector	Height (cm)	degree (deg)	Remark
1	34.5173	58.98	-26.22	32.76	40.00	-7.24	QP	100	0	
2	40.4172	58.47	-24.82	33.65	40.00	-6.35	peak			
3	55.0274	55.60	-25.12	30.48	40.00	-9.52	peak			
4	167.8243	63.08	-26.23	36.85	43.50	-6.65	peak			
5	179.9965	66.36	-25.41	40.95	43.50	-2.55	QP	100	360	
6	191.7450	61.53	-24.46	37.07	43.50	-6.43	peak			

4. PHOTOGRAPH

4.1. Photo of Power Line Conducted Emission Test

4.2. Photo of Radiated Emission Test

Appendix Ⅰ (External Photos)

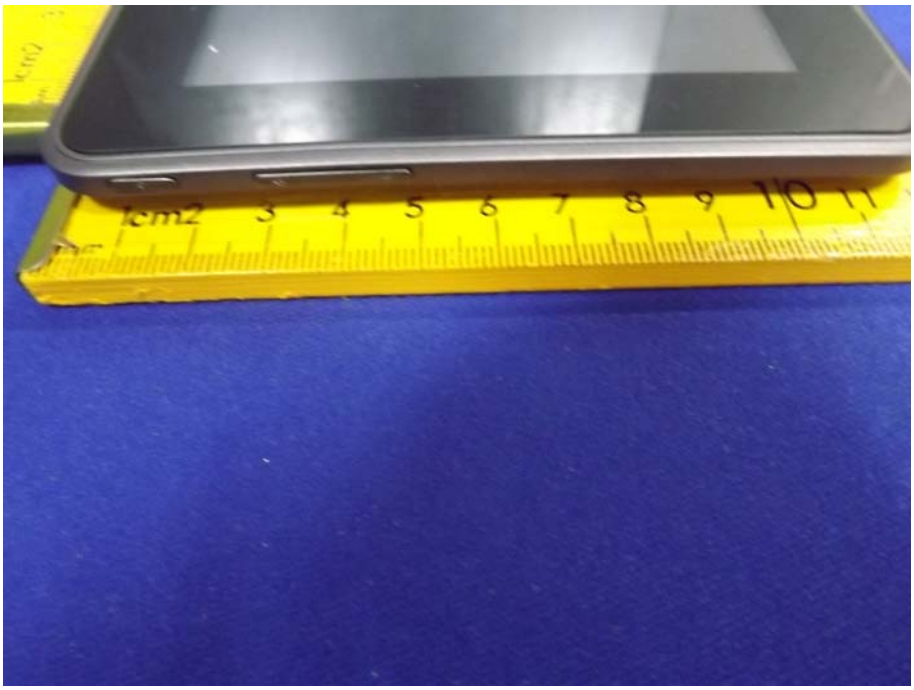
Figure 1
The EUT-Overall View

Figure 2
The EUT-Back View

Figure 3
The EUT-Side View

Figure 4
The EUT-Side View

Figure 5
The EUT-Side View



Appendix Ⅱ (Internal Photos)

Figure 6
The EUT-Inside View

Figure 7
PCB of the EUT-Front View

Figure 8
PCB of the EUT-Back View

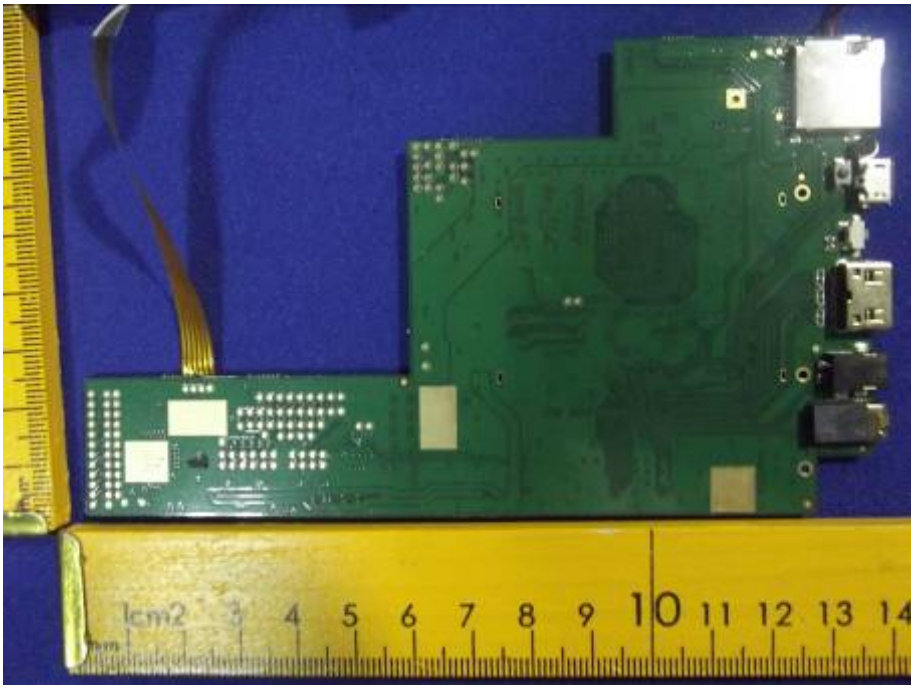


Figure 9
PCB of the WIFI Moudel FrontView

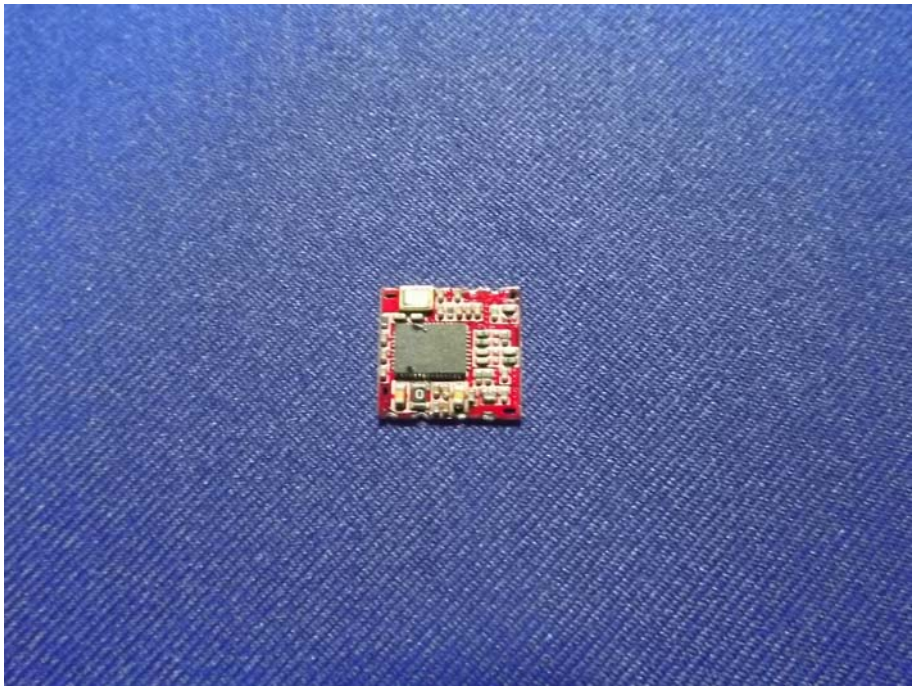


Figure 10
PCB of the WIFI Moudel Back View