

# TEST REPORT

**REPORT NUMBER: B08GE6341-FCC-PART15B**

**ON**

**Type of Equipment:** GSM/GPRS Mobile Phone ( TRI Band  
GSM900/1800 /1900 handheld Cellular  
phone)

**Type of Designation:** VI-1

**Manufacturer:** Ezze Mobile Tech.,Inc

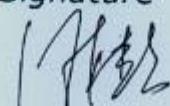
**ACCORDING TO**

**Part 15B: Radio Frequency Devices, Sep 20, 2007**

**China Telecommunication Technology Labs.**

*Month date, year*  
Sep, 28, 2008

*Signature*



He Guili

**Director**

**FCC ID:** RV2VI1  
**Report Date:** 2008-9-27

**Test Firm Name:** China Telecommunication Technology Labs  
**Registration Number:** 840587

Statement

The measurements shown in this report were made in accordance with the procedures described on test pages. All reported tests were carried out on a sample equipment to demonstrate limited compliance with FCC CFR 47 Parts 15B. The sample tested was found to comply with the requirements defined in the applied rules.

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## 1 General Information

### 1.1 Notes

All reported tests were carried out on a sample equipment to demonstrate limited compliance with FCC CFR 47 Parts 15B.

The test results of this test report relate exclusively to the item(s) tested as specified in section 2.

The following deviation from, additions to, or exclusions from the test specifications have been made. See Annex C.

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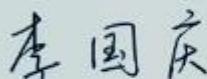
FCC Parts 15B  
Equipment: VI-1

REPORT NO.: B08GE6341-FCC-PART15B

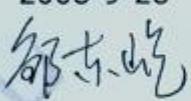
## 1.2 Testers

Name: Li Dongjin  
Position: Engineer  
Department: Department of EMC test  
Signature: 

Editor of this test report:

Name: Li Guoqing  
Position: Engineer  
Department: Department of EMC test  
Date: 2008-9-27  
Signature: 

Technical responsibility for area of testing:

Name: Zou Dongyi  
Position: Manager  
Department: Department of EMC test  
Date: 2008-9-28  
Signature: 

### 1.3 Testing Laboratory information

#### 1.3.1 Location

Name: China Telecommunication Technology Labs.

Address: No. 11, Yue Tan Nan Jie, Xi Cheng District  
BEIJING  
P. R. CHINA, 100083

Tel: +86 10 68094053

Fax: +86 10 68011404

Email: [emc@chinattl.com](mailto:emc@chinattl.com)

#### 1.3.2 Details of accreditation status

Accredited by: China National Accreditation Service for Conformity  
Assessment (CNAS)

Registration number: CNAS Registration No. CNAS L0570

Standard: ISO/IEC 17025:2005

#### 1.3.3 Test location, where different from section 1.3.1

Name: -----

Street: -----

City: -----

Country: -----

Telephone: -----

Fax: -----

Postcode: -----

## 1.4 Details of applicant or manufacturer

### 1.4.1 Applicant

Name: Ezze Mobile Tech., Inc  
Address: 1F,Bubmusa Bldg., 151-31.  
Nonhyun-Dong, Kangnam-Ku, Seoul, Korea  
Country: KOREA  
Telephone: 82-2-519-7807  
Fax: 82-2-519-7882  
Contact: Han shin, Lee  
Telephone: 82-19-543-3776  
Email: [leehs@ezzemobile.com](mailto:leehs@ezzemobile.com)

### 1.4.2 Manufacturer (if different from applicant in section 1.4.1)

Name: Ezze Mobile Tech  
Address: Rm. 204, Anyang Megavalley, 799,  
Guanyang-dong, Dongan-gu, Anyang-city,  
Gyunggi-do, Korea, 431-767

### 1.4.3 Manufactory (if different from applicant in section 1.4.1)

Name: -----  
Address: -----

## 2 Test Item

### 2.1 General Information

Manufacturer: Ezze Mobile Tech., Inc  
 Name: GSM/GPRS Mobile Phone (TRI Band GSM900/1800  
       /1900 handheld Cellular phone)  
 Model Number: VI-1  
 Serial Number: --  
 Production Status: Production  
 Receipt date of test item: 2008-9-2

### 2.2 Outline of EUT

E.U.T. is a GSM/GPRS Mobile phone.

### 2.3 Modifications Incorporated in EUT

The EUT has not been modified from what is described by the brand name and unique type identification stated above.

### 2.4 Equipment Configuration

Equipment configuration list:

Item	Generic Description	Manufacturer	Type	Serial No.	Remarks
A	handset	Ezze Mobile Tech., Inc	VI-1	--	None
B	adapter	DE MING ELECTRONIC CO.,LTD	USB type charger (JYCC-228D)	--	None
C	battery	Shenzhen ZhiYin ELECTRONIC CO.,LTD.	Lithium Ion Rechargeable Battery VI-1	--	None
D	Earphone	Rich star	Wire type	--	None

Cables:

Item	Cable Type	Manufacturer	Length	Shield	Quantity	Remarks
1	DC cable on Adapter	Unknown	1.0 m	No	1	None

### 2.5 Other Information

(a) Adaptor information:

Input: 100-240VAC 50-60Hz 200mA

Output: 5.0V 700mA

(b) Battery information:

3.7VDC

### 3 Summary of Test Results

A brief summary of the tests carried out is shown as following.

Specification Clause	Name of Test	Result
15.109	Radiated Emission	Pass
15.107	Conducted Emission	Pass

Note: The EUT complies with the requirements of the Class B digital devices.

CEMTE Test Report

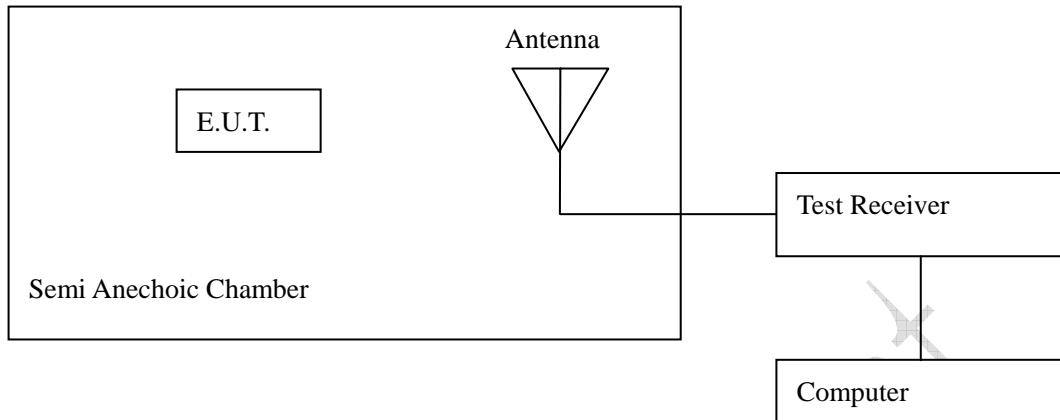
## 4 Test Results

### 4.1 Radiated Emission

<b>Specifications:</b>	15.109, ANSI C63.4-2003					
<b>Date of Tests</b>	2008-9-9					
<b>Test conditions:</b>	Ambient Temperature: 15°C-35°C Relative Humidity: 30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on					
<b>Test Results:</b>	Pass					
<b>Test equipment Used:</b>						
Asset Number	Description	Manufacturer	Model Number	Serial Number	Cal Due	State
7805	EMI Test Receiver	R/S	ESI26	100211	2009-01-03	Normal
7330	Ultra Broadband Antenna	SCHWARZBECK	VULB 9160	--	2010-10-26	Normal
7330	Double-Ridged Horn Antenna	R/S	HF906	100037	2009-01-14	Normal
713	Fully-Anechoic Chamber	ETS	11.8m×6.5m×6.3m	--	2010-11-17	Normal
023	Wireless Communications Test Set	Agilent	8960(E5515C)	GB41450323	2009-04-07	Normal

<b>Limit Level Construction:</b> According to Part 15.109(a).			
<b>Limits</b>			
Frequency [MHz]	Field Strength [ $\mu$ V/m]	Field Strength [dB $\mu$ V/m]	Measurement distance [m]
30 -88	100	40.0	3
88-216	150	43.5	3
216 – 960	200	46.0	3
Above 960	500	54.0	3
Note: The tighter limit applies at the band edges.			

## Test Configuration



The measuring distance between E.U.T and antenna is 3m.

## Test Setup:

The EUT was placed in an anechoic chamber, see figure RE. The EUT is tested as tabletop EUT. The EUT is positioned on an 80cm height wood table.

The EUT is used as the peripheral equipment of the PC.

The setup is according to Figure 11a of ANSI C63.4-2003.

The Wireless Communications Test Set (Test Simulator) was used to set the TX channel and power level and modulate the TX signal with different bit patterns.

The test was done using an automated test system, where all test equipments were controlled by a computer.



Figure RE

## Test Method

During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2003. The measurement was done by the automated test system.

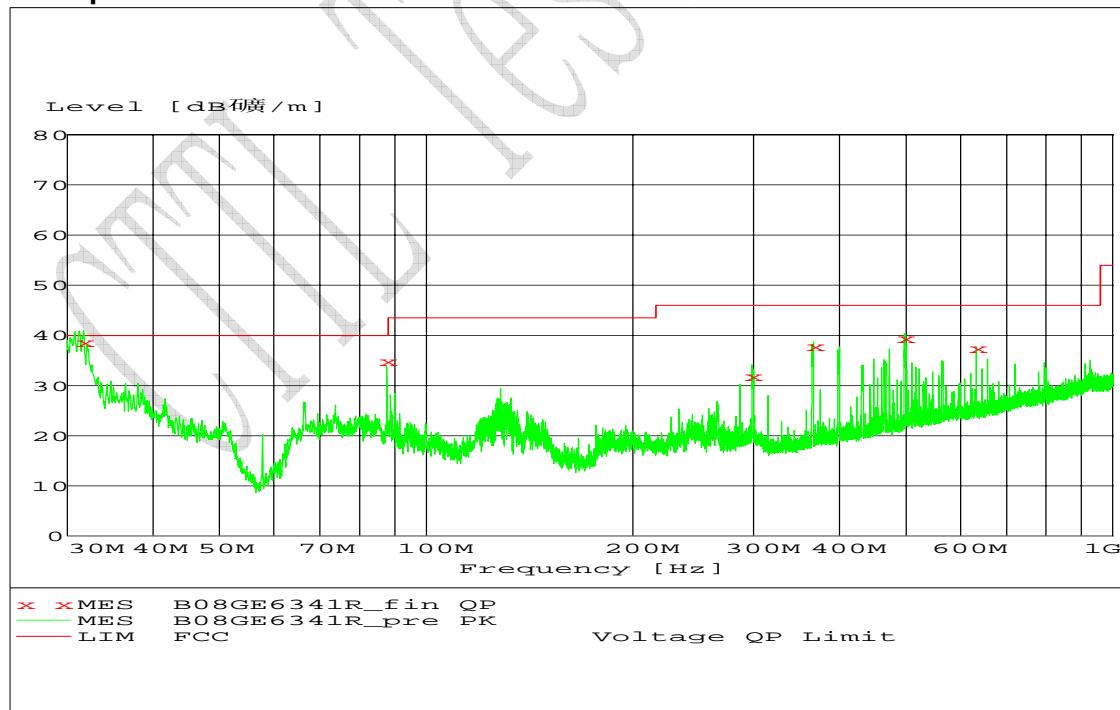
Note: --

## Test Data:

Frequency [MHz]	Level [dB $\mu$ V/m]	Limit [dB $\mu$ V/m]	Antenna Height [cm]	Turntable Azimuth [degree]	Antenna Polarisation (V/H)
31.680000	38.6	40	104	192	VERTICAL
87.600000	34.9	40	203	102	HORIZONTAL
298.320000	31.9	46	100	196	VERTICAL
366.420000	37.9	46	100	84	VERTICAL
497.760000	39.4	46	100	81	VERTICAL
632.940000	37.4	46	105	90	VERTICAL

Remarks: --

## Graphical Results:



Graphical results

## 4.2 Conducted Emission

<b>Specifications:</b>	15.107, ANSI C63.4-2003					
<b>Date of Tests</b>	2008-9-11					
<b>Test conditions:</b>	Ambient Temperature: 15°C-35°C Relative Humidity: 30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on					
<b>Test Results:</b>	Pass					
<b>Test equipment Used:</b>						
<b>Asset Number</b>	<b>Description</b>	<b>Manufacturer</b>	<b>Model Number</b>	<b>Serial Number</b>	<b>Cal Due</b>	<b>State</b>
7330	EMI Test Receiver	R/S	ESI40	839283/007	2009-02-03	Normal
7330	Artificial Mains Network	R/S	ESH2-Z5	837480/002	2009-01-09	Normal
714	Shielding Room	ETS	--	19003	2010-11-17	Normal
023	Wireless Communications Test Set	Agilent	8960(E5515C)	GB41450323	2008-06-13	Normal

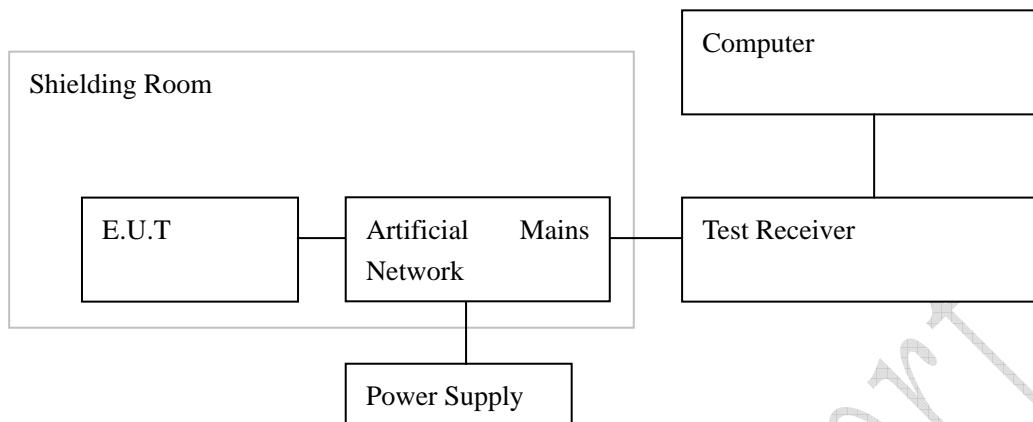
### Limit Level Construction:

According to Part 15.107 (a)

<b>Limits for Conducted Emission</b>		
<b>Frequency of Emission [MHz]</b>	<b>Conducted limit [dB<math>\mu</math>V]</b>	
	<b>Quasi-peak</b>	<b>Average</b>
0.15 – 0.5	66 to 56*	56 to 46*
0.5 - 5	56	46
5 - 30	60	50

\* Decreases with the logarithm of the frequency.

## Test Configuration



### Test Setup:

The EUT was placed in a shielding room, see figure CE. The EUT is positioned on an 80cm height wood table. The EUT is used as the peripheral equipment of the PC.

The setup is according to Figure 10a of ANSI C63.4-2003.

The Wireless Communications Test Set (Test Simulator) was used to set the TX channel and power level and modulate the TX signal with different bit patterns. The test was done using an automated test system, where all test equipments were controlled by a computer.



Figure CE

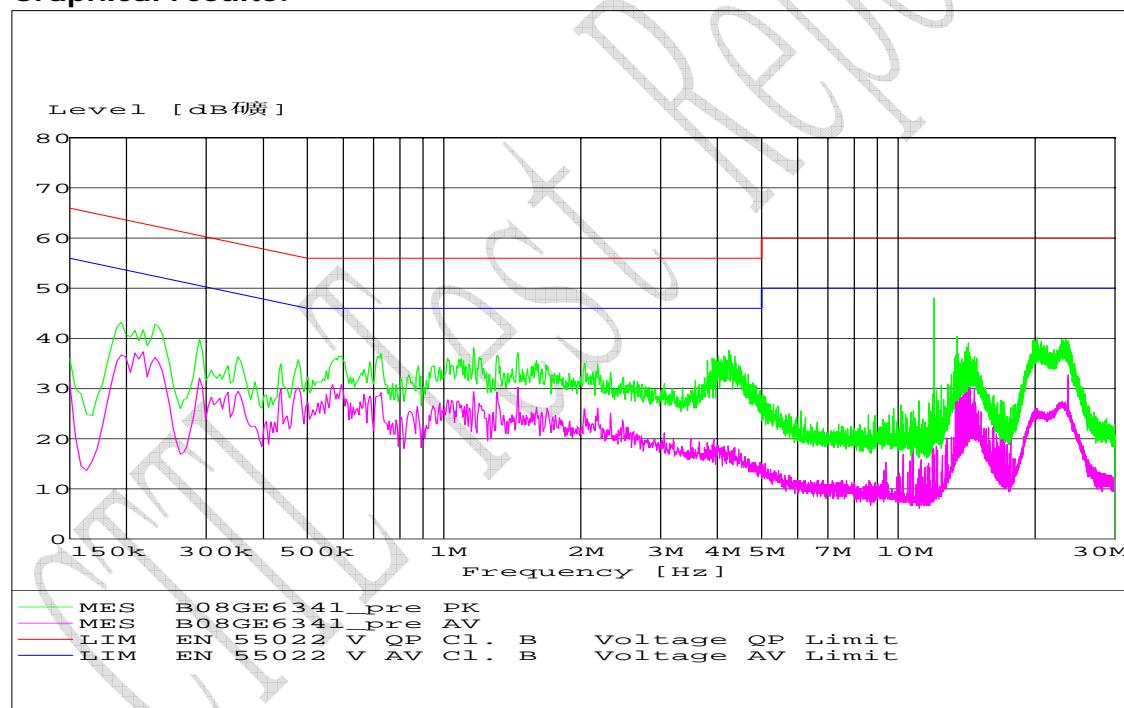
**Test Method:**

During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2003. The AC power line of the Notebook was connected to the artificial mains network then to EMI receiver. The measurement was done by the automated test system.

**Note:** --**Test Data:**

Detector (QP/AV)	Frequency (MHz)	Level (dB $\mu$ V)	Limit (dB $\mu$ V)	Margin (dB)	Line	PE
--	--	--	--	--	--	--

Remarks: --

**Graphical results:**

CE graphical results

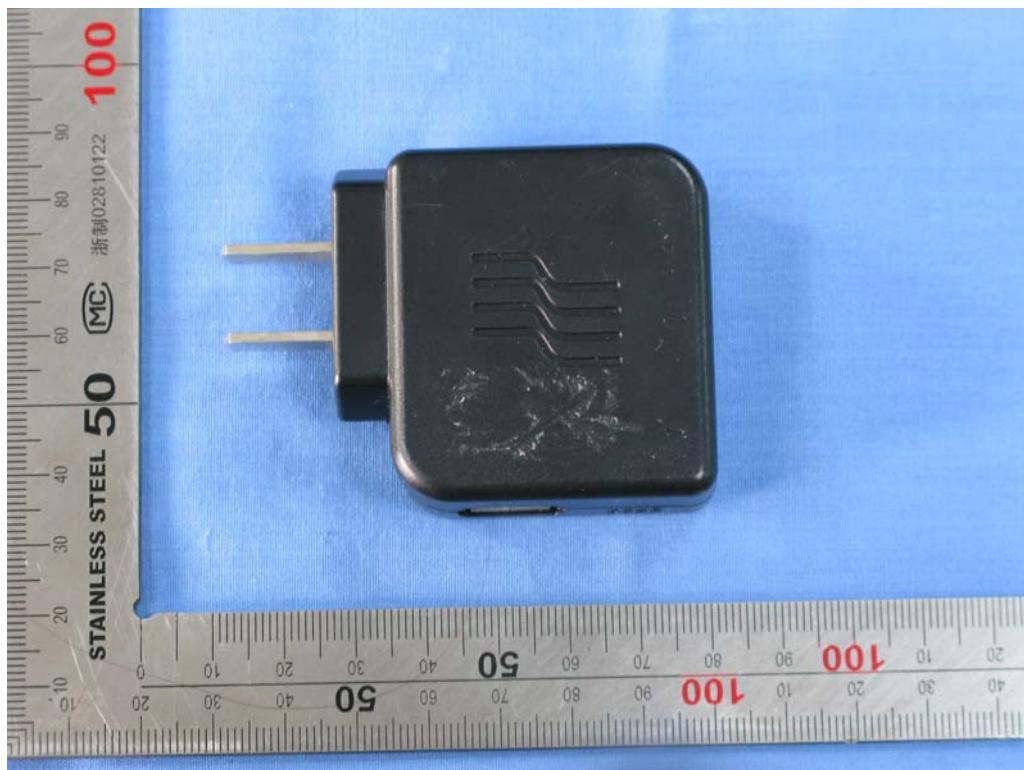
## Annex A External Photos



Front view



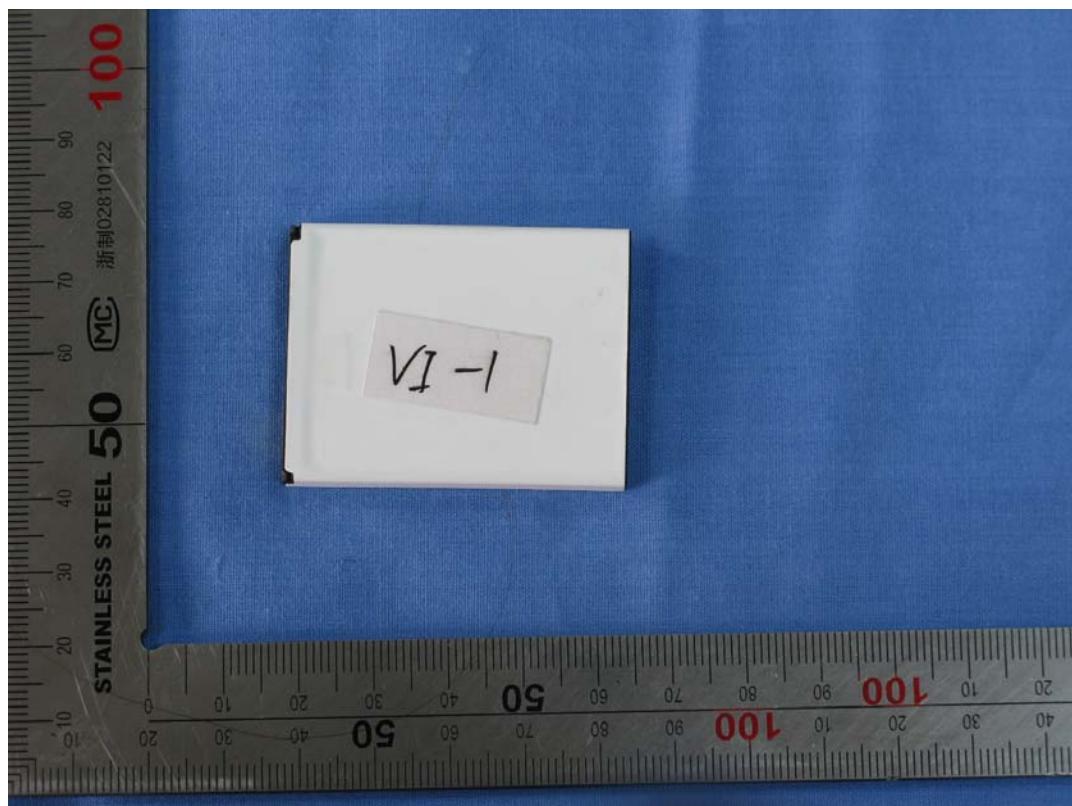
Back view



Adaptor



Cable

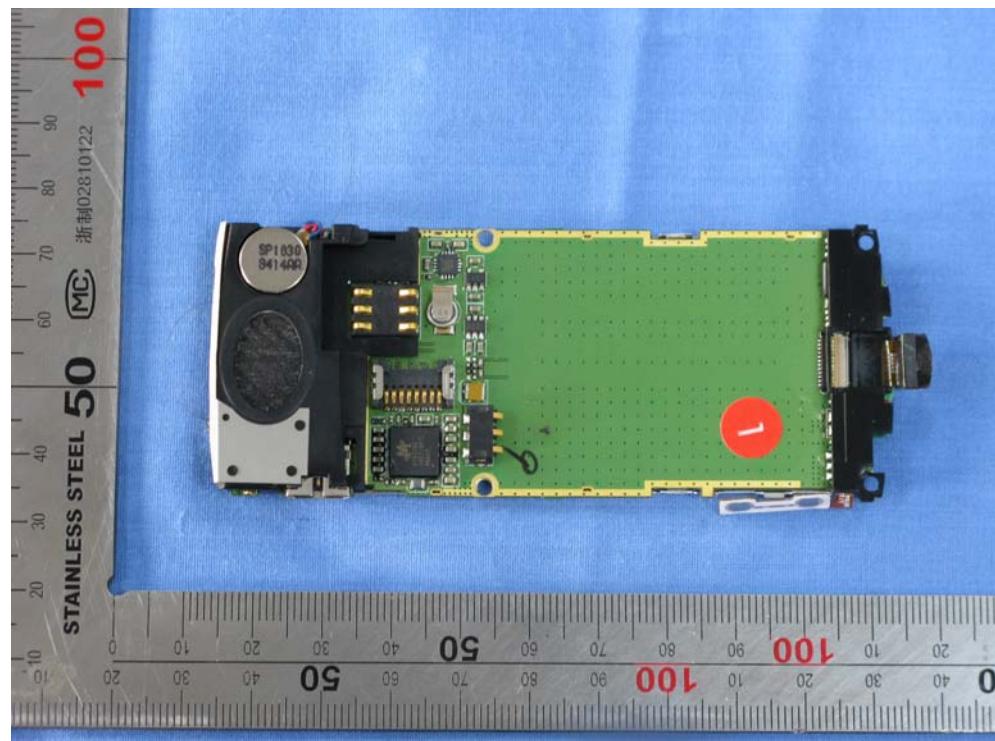


Battery

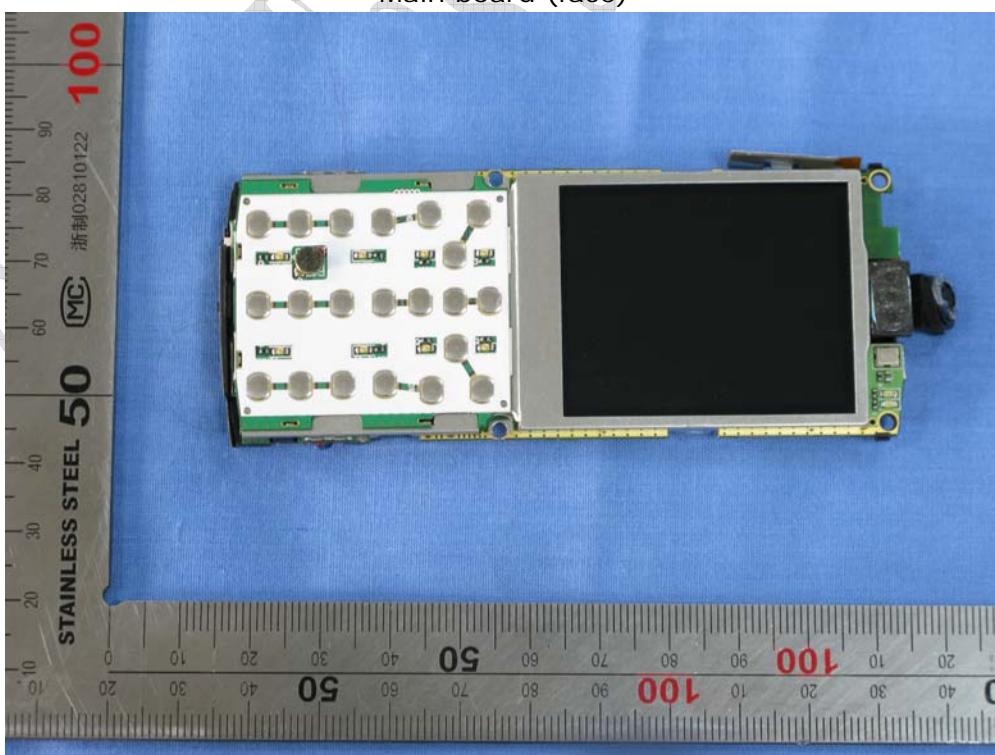


Earphone

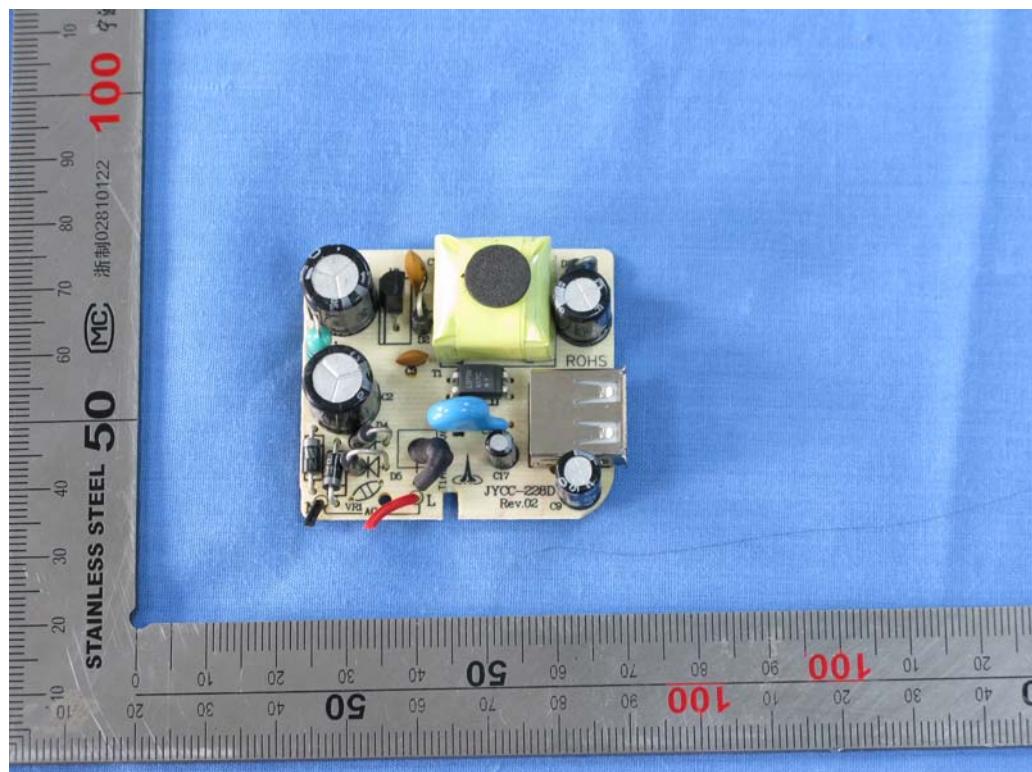
## Annex B Internal Photos



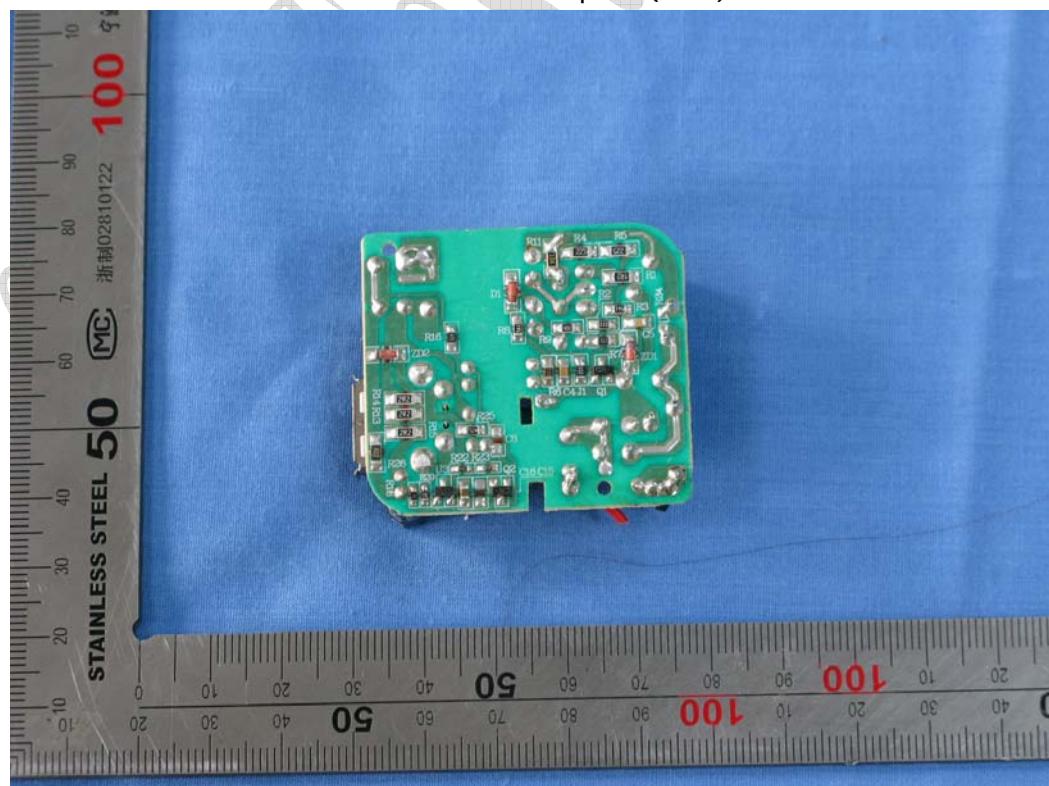
Main board (face)



Main board (back)



Mainboard of Adapter (face)



Mainboard of Adapter (inverse)

## ANNEX C Deviations from Prescribed Test Methods

No deviation from Prescribed Test Methods.

— The End of this Report —

China Test Report