TEST REPORT

REPORT NUMBER: I08GE4437-FCC-PART15B

ON

Type of Equipment: GSM/GPRS Mobile Phone
Type of Designation: MASS2
Manufacturer: Ezze Mobile Tech.,Inc

ACCORDING TO
Part 15B: Radio Frequency Devices, Sep 20, 2007

China Telecommunication Technology Labs.

Month date, year
Mar, 14, 2008

Signature

He Guili
Director

FCC ID: RV2MASS2

Report Date: 2008-03-14

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.

CONTENTS

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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1.2 Testers

Name: Yuan Yuan

Position: Engineer

Department: Department of EMC test

Signature: 袁圆

Name: Li Guoqing

Position: Engineer

Department: Department of EMC test

Signature: 李国庆

Editor of this test report:

Name: Li Guoqing

Position: Engineer

Department: Department of EMC test

Date: 2008.3.14

Signature: 李国庆

Technical responsibility for area of testing:

Name: Zou Dongyi

Position: Manager

Department: Department of EMC test

Date: 2008.3.14

Signature: 邹东毅

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

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
Country:	Korea
Telephone:	82-2-519-7700
Fax:	82-2-519-7882
Contact:	Anny
Telephone:	+82-2-519-7805
Email:	eosahn@ezzemobile.com

1.4.2 Manufacturer (if different from applicant in section 1.4.1)

Name:	--
Address:	--
City:	--
Country:	--

1.4.3 Manufactory (if different from applicant in section 1.4.1)

Name:	Ezze Mobile Tech
Address:	BL 17-1 LT ,633-1 , Seonggok-dong ,Danwon-gu , Ansan-si, Gyeonggi-do, Korea (423-833)

2 Test Item

2.1 General Information

Manufacturer: Ezze Mobile Tech.,Inc

Name: GSM/GPRS Mobile phone

Model Number: MASS2

Serial Number: --

Production Status: Production

Receipt date of test item: 2008-02-25

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	MASS2	--	None
B	adapter	Yu Feng	USB Type	--	None
C	battery	ZHIYIN	Li-ion	--	None
D	Earphone	Rich star	Wire Type(Stereo)	--	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

None.

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.		

4 Test Results

4.1 Radiated Emission

Specifications:	15.109, ANSI C63.4-2003
Date of Tests	2008.03.13
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Operation Mode	TX on
Test Results:	Pass

Test equipment Used:

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	R/S	HL562	100013	2008-07-24	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	2008-06-13	Normal
Ancillary Equipment used						
996	PC	HP	VL400	CN11205610	--	Normal
0889	Printer	HP	C4254A	CNZQ326478	--	Normal

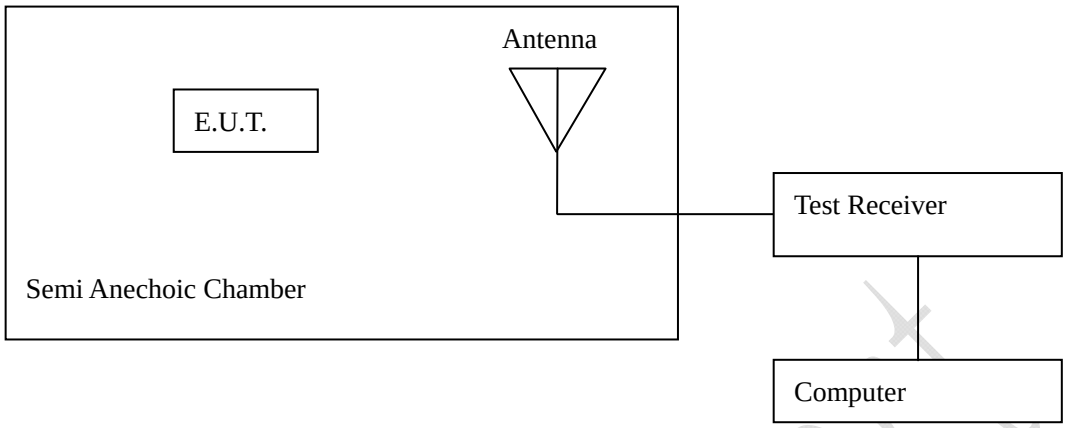
Limit Level Construction:
According to Part 15.109(a).

Limits

Frequency [MHz]	Field Strength [μV/m]	Field Strength [dBμV/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 Setup face

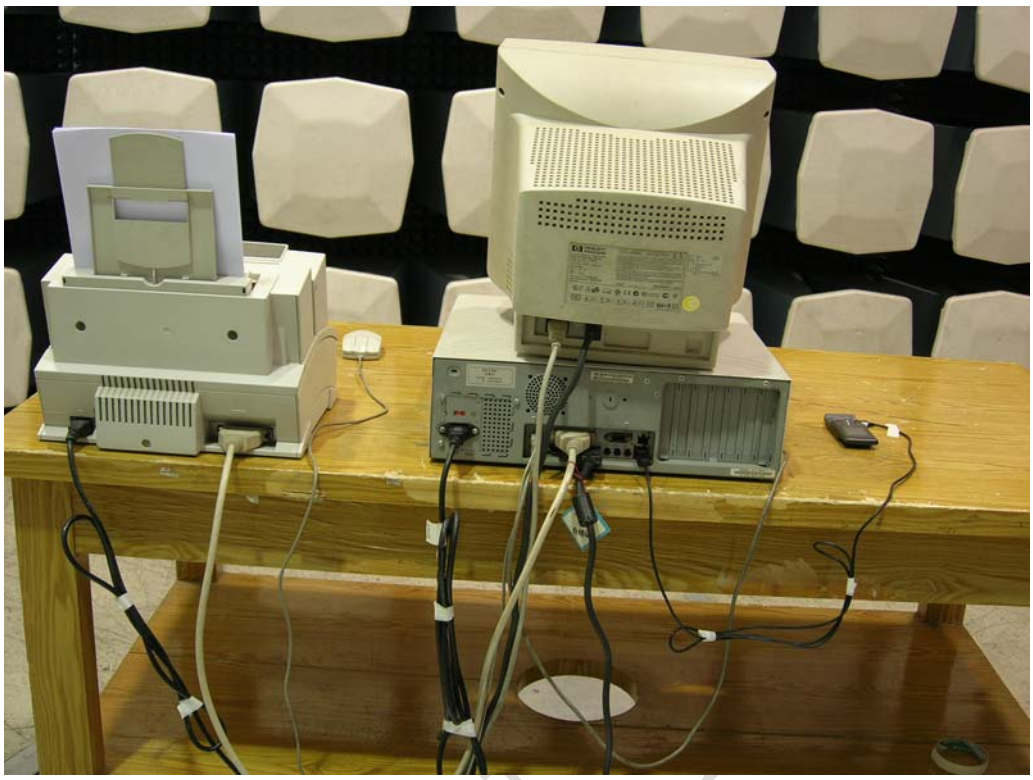


Figure RE: Test setup back

Test Method

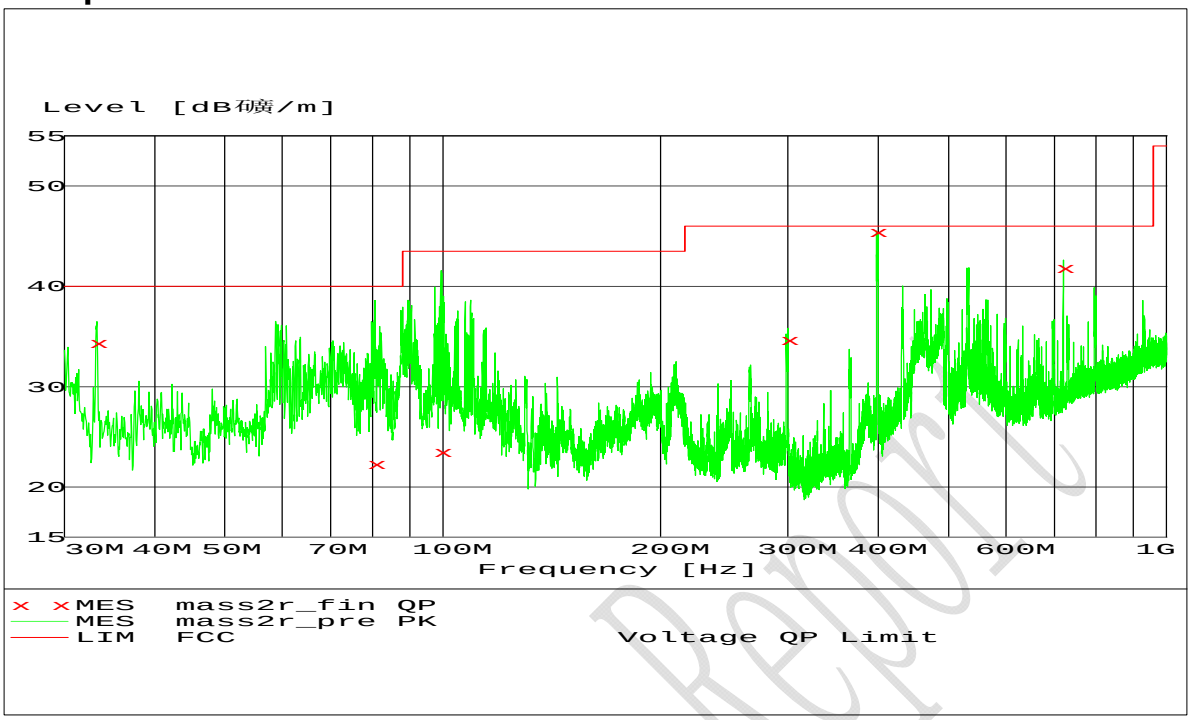
During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2003. The measurement was done by the automated test system.

Note: --

Test Data:

Frequency [MHz]	Level [dBμV/m]	Limit [dBμV/m]	Antenna Height [cm]	Turntable Azimuth [degree]	Antenna Polarisation (V/H)
33.300000	34.3	40.0	100	314	VERTICAL
80.580000	22.3	40.0	100	45	VERTICAL
99.420000	23.4	43.5	100	135	VERTICAL
299.760000	34.6	46.0	100	72	HORIZONTAL
397.740000	45.4	46.0	100	75	HORIZONTAL
720.120000	41.8	46.0	105	45	VERTICAL
Remarks: --					

Graphical Results:



Graphical results

4.2 Conducted Emission

Specifications:	15.107, ANSI C63.4-2003
Date of Tests	2008.03.13
Test conditions:	Ambient Temperature:15℃-35℃ Relative Humidity:30%-60% Air pressure: 86-106kPa
Operation Mode	TX on
Test Results:	Pass

Test equipment Used:

Asset Number	Description	Manufacturer	Model Number	Serial Number	Cal Due	State
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
Ancillary Equipment used						
996	PC	HP	VL400	CN11205610	--	Normal
0889	Printer	HP	C4254A	CNZQ326478	--	Normal

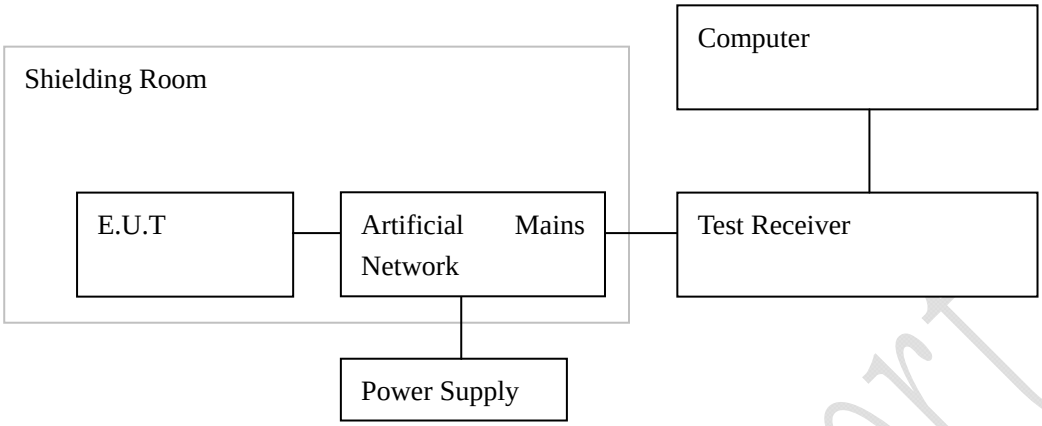
Limit Level Construction:
According to Part 15.107 (a)

Limits for Conducted Emission

Frequency of Emission [MHz]	Conducted limit [dBμV]	
	Quasi-peak	Average
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:

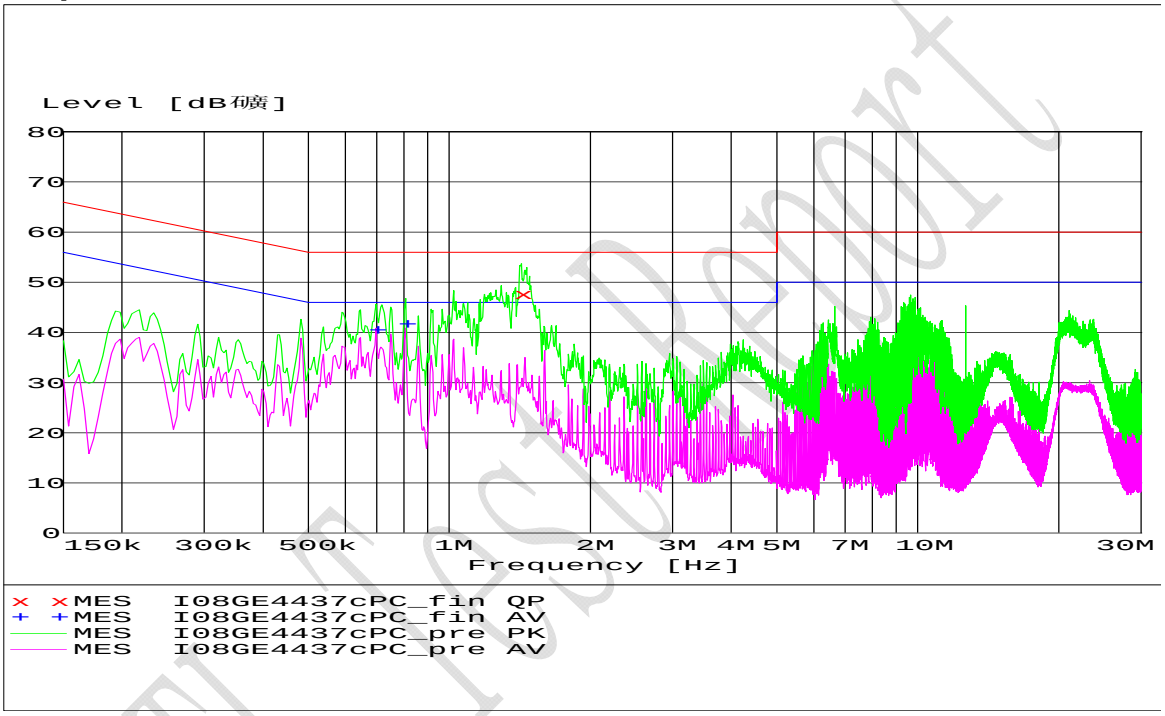
During the test, the EUT was operating in its typical mode. The test method is according to ANSI C63.4-2003. The AC power line of the Notebook was connected to the artificial mains network then to EMI receiver. The measurement was done by the automated test system.

Note: --

Test Data:

Detector (QP/AV)	Frequency (MHz)	Level (dBμV)	Limit (dBμV)	Margin (dB)	Line	PE
QP	1.426000	47.6	56	8.4	L1	GND
AV	0.698000	40.5	46	5.5	L1	GND
AV	0.806000	41.6	46	4.4	N	GND
Remarks: --						

Graphical results:



CE graphical results

Annex A External Photos

Front view with clip colse

Front view with clip open

Back view

Adaptor

Cable

Battery

Earphone

Annex B Internal Photos

Main board (face)

Main borar (back)

ANNEX C Deviations from Prescribed Test Methods

No deviation from Prescribed Test Methods.

The End of this Report