



## ELECTROMAGNETIC EMISSIONS COMPLIANCE REPORT

### UN-INTENTIONAL RADIATOR CERTIFICATION TO FCC PART 15 SUBPART B REQUIREMENT

OF

**Product Name:** HSUPA USB Modem

**Brand Name:** ZTE

**Model Name:** MF636

**Report No.:** EH/2008/60004-01

**Issue Date:** May 27, 2009

**FCC Rule Part:** Part 15 B

**Prepared for:** ZTE CORPORATION  
ZTE Plaza, K eji Road South, Hi-Tech  
Industrial Park, Nanshan District,  
Shenzhen, Guangdong, 518057,  
P.R.China

**Prepared by:** SGS Taiwan Ltd.  
Electronics & Communication Laboratory  
No. 134, Wu Kung Rd., Wuku Industrial  
Zone, Taipei County, Taiwan



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## VERIFICATION OF COMPLIANCE

**Applicant:** ZTE CORPORATION  
 ZTE Plaza, K eji Road South, Hi-Tech Industrial Park, Nanshan District,  
 Shenzhen, Guangdong, 518057, P.R.China

**Product Name:** HSUPA USB Modem

**Brand Name:** ZTE

**Model Name:** MF636

**Model Difference:** N/A

**File Number:** EH/2008/60004

**Date of test:** Jun. 07, 2008 ~Jun. 15, 2008; May 26, 2009 ~May 27, 2009

**Date of EUT Receive:** May. 22, 2008; May 26, 2009

### We hereby certify that:

The above equipment was tested by SGS Taiwan 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 15B.

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

Test By:



Date

May 27, 2009

Sky Wang / Asst. Supervisor

Prepared By:



Date

May 27, 2009

Elisa Chen / Supervisor

Approved By



Date

May 27, 2009

Vincent Su/Manager

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### Version

Version No.	Date	Description
00	May 27, 2009	Initial creation of document

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## Table of Contents

<b>1.</b>	<b>GENERAL INFORMATION .....</b>	<b>5</b>
1.2	RELATED SUBMITTAL(S) / GRANT (S) .....	6
1.3	TEST METHODOLOGY .....	6
1.4	TEST FACILITY .....	6
1.5	SPECIAL ACCESSORIES .....	6
1.6	EQUIPMENT MODIFICATIONS .....	6
<b>2.</b>	<b>SYSTEM TEST CONFIGURATION .....</b>	<b>7</b>
2.1	EUT CONFIGURATION .....	7
2.2	EUT EXERCISE .....	7
2.3	TEST PROCEDURE .....	7
2.4	LIMITATION .....	8
2.5	CONFIGURATION OF TESTED SYSTEM .....	9
<b>3.</b>	<b>SUMMARY OF TEST RESULTS .....</b>	<b>10</b>
<b>4.</b>	<b>DESCRIPTION OF TEST MODES .....</b>	<b>10</b>
<b>5.</b>	<b>CONDUCTED EMISSIONS TEST .....</b>	<b>11</b>
5.1	MEASUREMENT PROCEDURE: .....	11
5.2	TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION) .....	11
5.3	MEASUREMENT EQUIPMENT USED: .....	12
5.4	MEASUREMENT RESULT .....	12
<b>6.</b>	<b>RADIATED EMISSION TEST .....</b>	<b>15</b>
6.1	MEASUREMENT PROCEDURE .....	15
6.2	TEST SET-UP (BLOCK DIAGRAM OF CONFIGURATION) .....	15
6.3	MEASUREMENT EQUIPMENT USED: .....	16
6.4	FIELD STRENGTH CALCULATION .....	16
6.5	MEASUREMENT RESULT .....	17
	<b>PHOTOGRPHS OF SET UP .....</b>	<b>23</b>
	<b>PHOTOGRPHS OF EUT .....</b>	<b>26</b>
	<b>LABELING REQUIREMENTS .....</b>	<b>35</b>

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## 1. GENERAL INFORMATION

### General:

Product Name:	HSUPA USB Modem	
Brand Name:	ZTE	
Model Name:	MF636	
Model Difference:	N/A	
Simple Hands-Free (SHF):	N/A	
Data Cable (USB):	One provide, Model: N/A.	
Power Supply	5Vdc form USB Port.	
	Battery:	N/A
	Adapter:	N/A

### GSM and WCDMA:

Cellular Phone Standards Frequency Range and Power	GSM/GPRS 850	824 MHz– 849MHz	33 dBm
	EDGE 850	824 MHz– 849MHz	27 dBm
	GSM/GPRS 1900	1850MHz – 1910MHz	30 dBm
	EDGE 1900	1850MHz – 1910MHz	26 dBm
	WCDMA/HSUPA Band II	1850MHz – 1910MHz	24 dBm
	WCDMA/HSUPA Band V	824 MHz– 849MHz	24 dBm
Type of Emission	GSM: 300KGXW EDGE: 300KG7W WCDMA: 4M20F9W		
IMEI	354783020000820		
Hardware Version	P673M2-2.0.0		
Software Version	BD_P673MV1.0.1B03		
Antenna Designation	Type antenna : 0dBi		

This test report applies for GSM/EDGE 850, GSM/EDGE 1900, WCDMA/ HSUPA Band II, WCDMA/ HSUPA Band V.

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## 1.2 Related Submittal(s) / Grant (s)

This submittal(s) (test report) is intended for FCC Part15 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 Test Facility

The measurement facilities used to collect the 3m Radiated Emission and AC power line conducted data are located on the address of SGS Taiwan Ltd. No. 134, Wu Kung Rd., Wuku Industrial Zone, Taipei Country, Taiwan which are constructed and calibrated to meet the FCC requirements in documents ANSI C63.4: 2003. FCC Registration Number are: 990257 and 236194, Canada Registration Number: 4620A-1

The 10 m Open Area Test Sites located on the address of SGS Taiwan Ltd. No. 29, Pau-Tou-Tsuo Valley Chia-Pau Tsuen, Linkou Hsiang, Taipei county, which is constructed and calibrated to meet the CISPR 22/EN 55022 requirements. SGS Site No. 1(3 &10 meters) and FCC Registration Number: 94644.

## 1.5 Special Accessories

Not available for this EUT intended for grant.

## 1.6 Equipment Modifications

Not available for this EUT intended for grant. The components list refers to BOM number "13.Matterhorn\_BOM"

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## 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 EUT was operated in the normal operating mode.

### 2.3 Test Procedure

#### 2.3.1 Conducted Emissions

The EUT is placed on a turn table which is 0.8 m above ground plane. According to the requirements in Section 7 and 13 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 placed on a 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 8 and 13 of ANSI C63.4-2003.

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## 2.4 Limitation

### (1) Conducted Emission

According to section 15.107(a) Conducted Emission Limits is as following.

Frequency range MHz	Class B Limits dB (uV)	
	Quasi-peak	Average
0.15 to 0.50	66 to 56	56 to 46
0.50 to 5	56	46
5 to 30	60	50

Note

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

### (2) Radiated Emission

According to section 15.109(a) Radiated Emission Class B Limits is as following:

Frequency (MHz)	Field strength $\mu\text{V}/\text{m}$	Distance (m)	Field strength at 3m $\text{dB}\mu\text{V}/\text{m}$
30-88	100	3	40
88-216	150	3	43.5
216-960	200	3	46
Above 960	500	3	54

Remark: 1. Emission level in  $\text{dB}\mu\text{V}/\text{m} = 20 \log(\mu\text{V}/\text{m})$   
 2. Measurement was performed at an antenna to the closed point of EUT distance of 3 meters.

## 2.5 Configuration of Tested System

Fig. 2-1 Configuration of Tested System (data link mode)

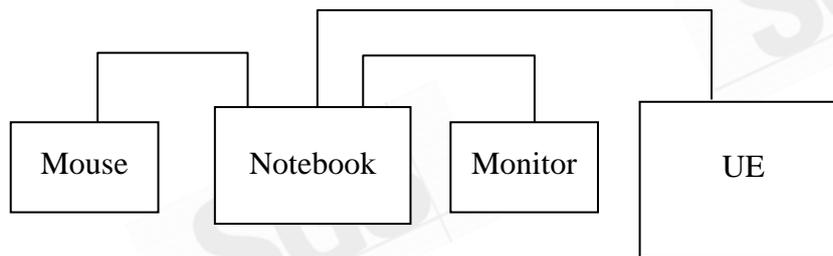


Table 2-1 Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Data Cable	Power Cord
1.	UE	ZTE	MF636	N/A	N/A	N/A
2.	USB Cable	N/A	N/A	N/A	N/A	35cm, Un-shielded

Table 2-1 Support Equipment Used in Tested System

Item	Equipment	Mfr/Brand	Model/Type No.	Series No.	Data Cable	Power Cord
1.	Notebook PC	IBM	T60	L3DK794	Shielded	Un-shielded
2.	Monitor	DELL	E153FPC	N/A	Shielded,	Un-shielded
3.	USB Mouse	BENQ	M106-C2W	99Q3188C2W48C0 4422SA0000	Shielded,	N/A

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### 3. Summary of Test Results

FCC Rules	Description Of Test	Result
§15.107	Conducted Emission Class B	Compliant
§15.109	Radiated Emission Class B	Compliant

### 4. Description of test modes

The EUT was stayed in normal operation mode. The data cable was connected to notebook PC and data transferred by program. .

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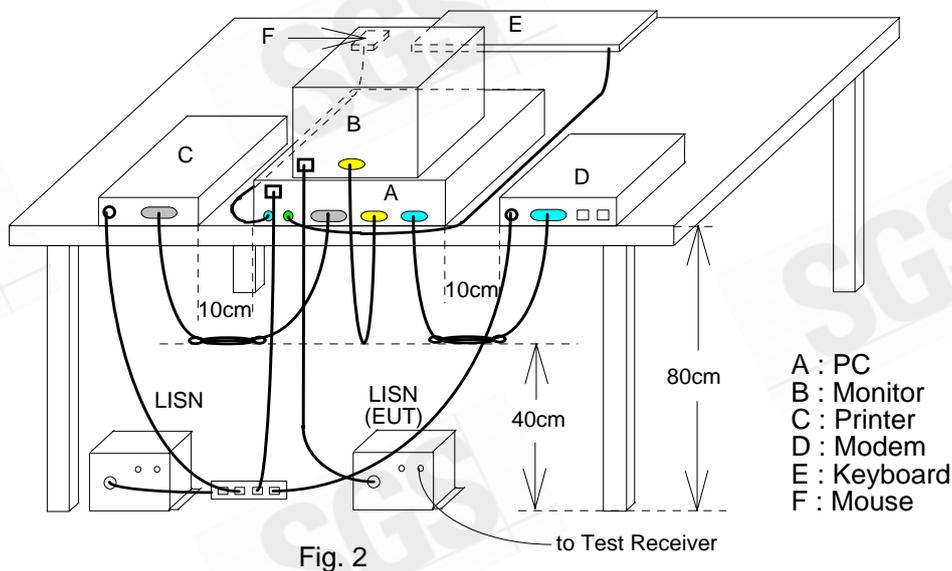
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## 5. Conducted Emissions Test

### 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)



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### 5.3 Measurement Equipment Used:

Conducted Emission Test Site					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
EMI Test Receiver	R&S	ESCS30	828985/004	09/16/2008	09/15/2009
LISN	Rolf-Heine	NNB-2/16Z	99012	02/02/2009	02/01/2010
LISN	FCC	FCC-LISN-50/250-25 -2-01	04034	02/02/2009	02/01/2010
50 Ohms terminator	N/A	EMC-049-1	N/A	06/04/2008	06/03/2009
Coaxial Cables	N/A	WK CE Cable	N/A	10/30/2008	10/29/2009

### 5.4 Measurement Result

The initial step in collecting conducted data is a spectrum analyzer peak scan of the measurement range. Significant peaks are then marked as shown on the following data page, and these signals are then quasi-peaked.

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### AC POWER LINE CONDUCTED EMISSION TEST DATA

Operation Mode:	Data Link Mode		Test Date:	Jun. 14, 2008	
Temperature:	26 °C	Humidity:	58 %	Test By:	Jim

#### Conducted Emission Measurement

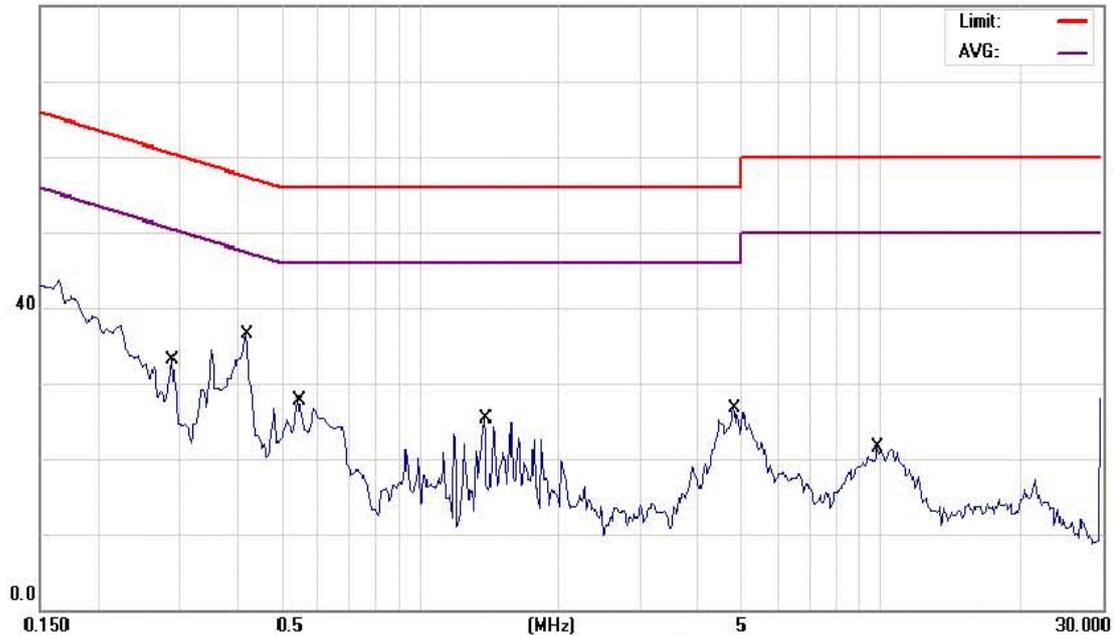
File :EH-2008-60003

Data :#19

Date: 2008/06/14

Time: 下午 03:47:33

80.0 dBuV



Site SGS CONDUCTED #1

Phase: **L1**

Temperature: 26 °C

Limit: CISPR22/11 Class B Conduction(QP)

Power:

Humidity: 58 %

EUT: MF636

Distance:

Air Pressure: hpa

M/N:

Note: DATA CABLE

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1		0.2909	32.21	0.13	32.34	60.50	-28.16	QP	
2	*	0.4200	36.38	0.08	36.46	57.45	-20.99	QP	
3		0.5450	27.68	0.06	27.74	56.00	-28.26	QP	
4		1.3850	25.34	0.04	25.38	56.00	-30.62	QP	
5		4.8050	26.67	0.05	26.72	56.00	-29.28	QP	
6		9.8400	21.42	0.10	21.52	60.00	-38.48	QP	

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## Conducted Emission Measurement

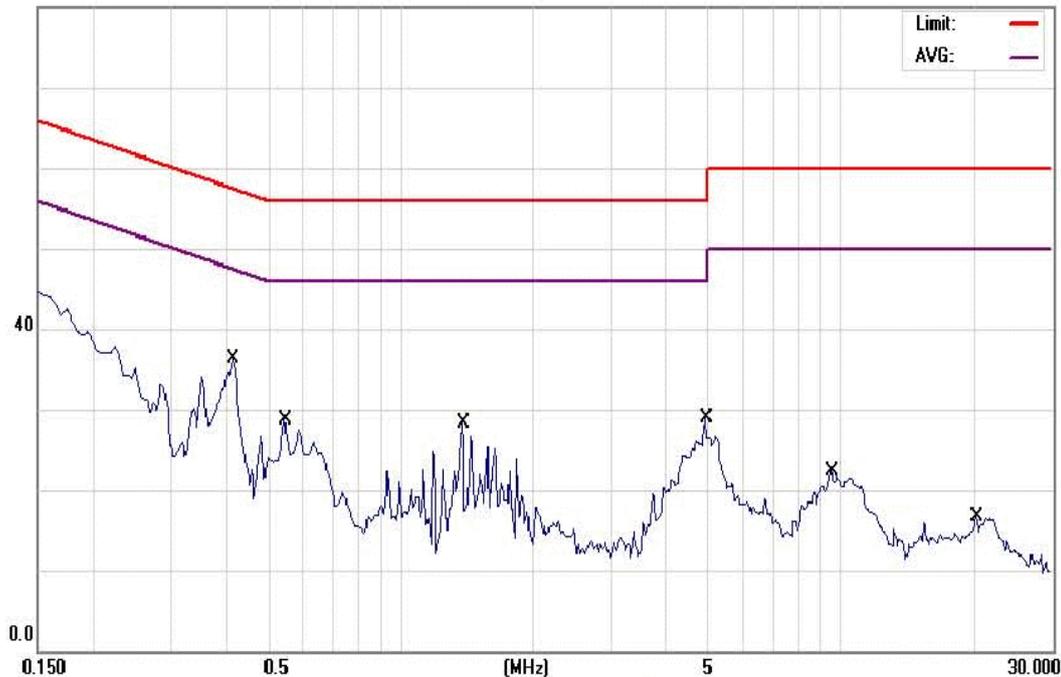
File :EH-2008-60003

Data :#20

Date: 2008/06/14

Time: 下午 03:53:48

80.0 dBuV



Site SGS CONDUCTED #1

Phase: **N**

Temperature: 26 °C

Limit: CISPR22/11 Class B Conduction(QP)

Power:

Humidity: 58 %

EUT: MF636

Distance:

Air Pressure: hpa

M/N:

Note: DATA CABLE

No.	Mk.	Freq.	Reading Level	Factor	Measurement	Limit	Over	Detector	Comment
		MHz	dBuV	dB	dBuV	dBuV	dB		
1	*	0.4150	36.15	0.08	36.23	57.55	-21.32	QP	
2		0.5450	28.59	0.05	28.64	56.00	-27.36	QP	
3		1.3850	28.30	0.03	28.33	56.00	-27.67	QP	
4		4.9400	28.79	0.06	28.85	56.00	-27.15	QP	
5		9.5200	22.17	0.19	22.36	60.00	-37.64	QP	
6		20.3400	16.58	0.16	16.74	60.00	-43.26	QP	

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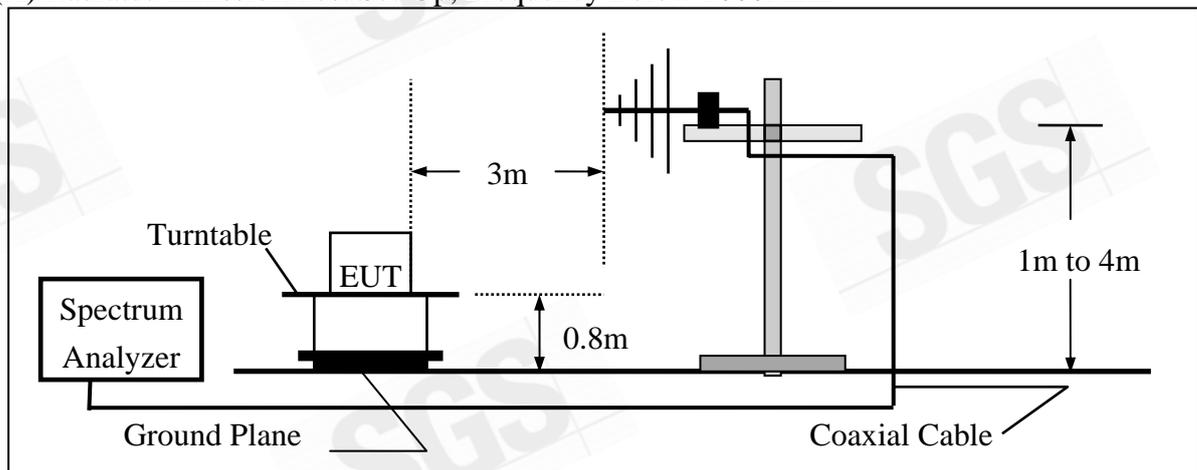
## 6. Radiated Emission Test

### 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 1000MHz



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### 6.3 Measurement Equipment Used:

966 Chamber					
EQUIPMENT TYPE	MFR	MODEL NUMBER	SERIAL NUMBER	LAST CAL.	CAL DUE.
Spectrum Analyzer	R&S	FSP 40	100034	02/12/2009	02/11/2010
Bilog Antenna	SCHWAZBECK	VULB9160	9160-3136	11/15/2008	11/14/2009
Horn antenna	SCHWAZBECK	BBHA 9120D	9120D-673	05/09/2008	05/08/2010
Pre-Amplifier	Agilent	8447D	1937A02834	11/30/2008	11/29/2009
Pre-Amplifier	Agilent	8449B	3008A01973	01/05/2009	01/04/2010
Radio Communication Analyzer	R & S	CMU200	102189	05/13/208	05/12/2010
Radio Communication Analyzer	Anritsu	MT8820A	6200307563	04/16/2008	04/15/2010
DC Block	Agilent	BLK-18	155452	07/05/2008	07/04/2009
Turn Table	HD	DT420	N/A	N.C.R	N.C.R
Antenna Tower	HD	MA240-N	240/657	N.C.R	N.C.R
Controller	HD	HD100	N/A	N.C.R	N.C.R
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-10M	10m	01/05/2009	01/04/2010
Low Loss Cable	HUBER+SUHNER	SUCOFLEX 104PEA-3M	3m	01/05/2009	01/04/2010
3m Site	SGS	966 chamber	N/A	11/08/2008	11/09/2009

### 6.4 Field Strength Calculation

The field strength is calculated by adding the Antenna Factor and Cable Factor and subtracting the Amplifier Gain and Duty Cycle Correction Factor (if any) from the measured reading. The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CL - AG$$

Where	FS = Field Strength	CL = Cable Attenuation Factor (Cable Loss)
	RA = Reading Amplitude	AG = Amplifier Gain
	AF = Antenna Factor	

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## 6.5 Measurement Result

Test Mode: Data Link Mode

Test Date : May 26, 2009

Detector Function: Quasi-Peak/PK

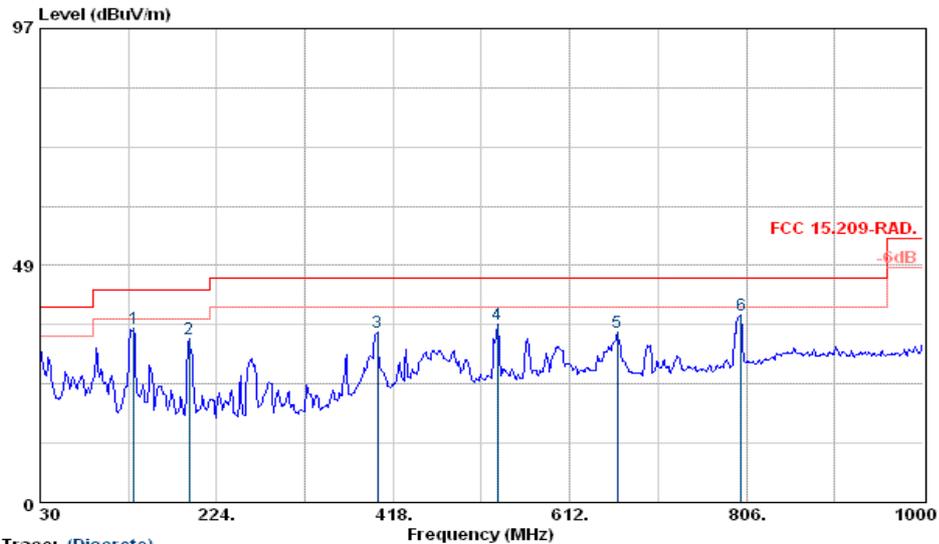
Test By: Sky

Frequency Range: 30MHz-1000MHz

Temperature : 25 °C

Humidity : 65 %

Data: 197



Trace: (Discrete)

Site : RF SITE  
 Condition : FCC 15.209-RAD. 3m VULB9160 VERTICAL  
 Project No. : EH/2008/60003  
 Applicant : SGS上海  
 EUT Description : HSUPA USB Modem  
 EUT Model : MF636  
 Test Mode : DATA LINK  
 Temp./Humid. : 25/65  
 Operator : SKY

	Freq	Read Level	Pol/Phase	Factor	Level	Limit Line	Over Limit
	MHz	dBuV		dB/m	dBuV/m	dBuV/m	dB
1	132.82	49.80	VERTICAL	-14.25	35.55	43.50	-7.95
2	193.93	48.98	VERTICAL	-15.35	33.63	43.50	-9.87
3	400.54	44.95	VERTICAL	-9.99	34.96	46.00	-11.04
4	532.46	44.38	VERTICAL	-7.97	36.41	46.00	-9.59
5	664.38	39.83	VERTICAL	-5.01	34.82	46.00	-11.18
6	800.18	41.53	VERTICAL	-3.04	38.49	46.00	-7.51

### Remark :

- (1) Measuring frequencies from 30 MHz to the 1GHz °
- (2) Radiated emissions measured in frequency range from 30 MHz to 1000MHz were made with an instrument using Peak detector mode.
- (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.
- (4) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz.

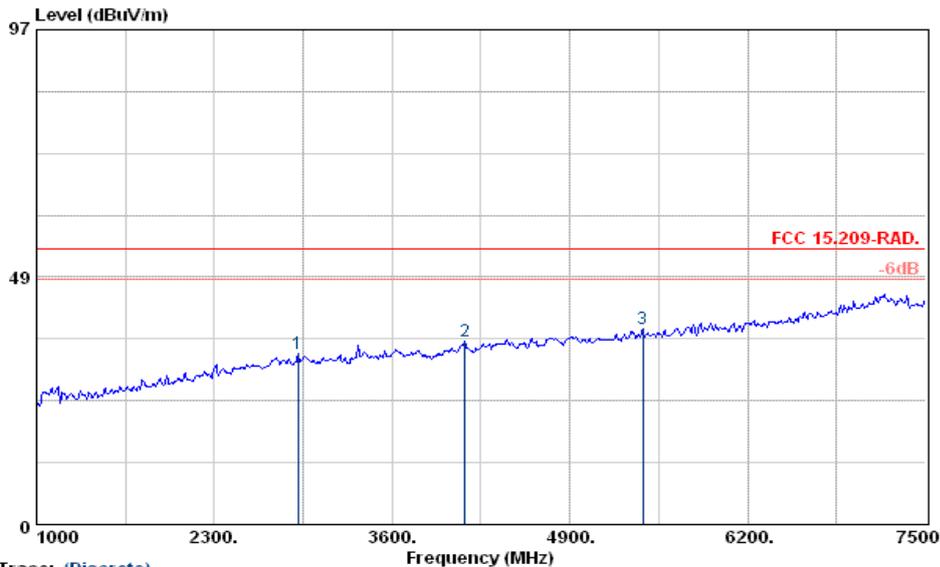
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Test Mode: Data Link Mode  
 Frequency Range: 1GHz – 7.5GHz  
 Temperature : 25 °C

Test Date : May 26, 2009  
 Test By: Sky  
 Humidity : 65 %

Data: 199



Trace: (Discrete)

Site : RF SITE  
 Condition : FCC 15.209-RAD, 3m BBHA9120D VERTICAL  
 Project No. : EH/2008/60003  
 Applicant : SGS上海  
 EUT Description : HSUPA USB Modem  
 EUT Model : MF636  
 Test Mode : DATA LINK  
 Temp./Humid. : 25/65  
 Operator : SKY

	Freq	Read	Pol/Phase	Factor	Level	Limit	Over
	MHz	dBuV		dB/m	dBuV/m	dBuV/m	dB
1	2911.00	33.43	VERTICAL	0.18	33.61	54.00	-20.39
2	4133.00	31.77	VERTICAL	4.11	35.88	54.00	-18.12
3	5433.00	31.03	VERTICAL	7.37	38.40	54.00	-15.60

Remark :

- (1) Measuring frequencies from 1GHz to the 13GHz .
- (2) All Readings above 1GHz are Peak and Average measurement as necessary.
- (3) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

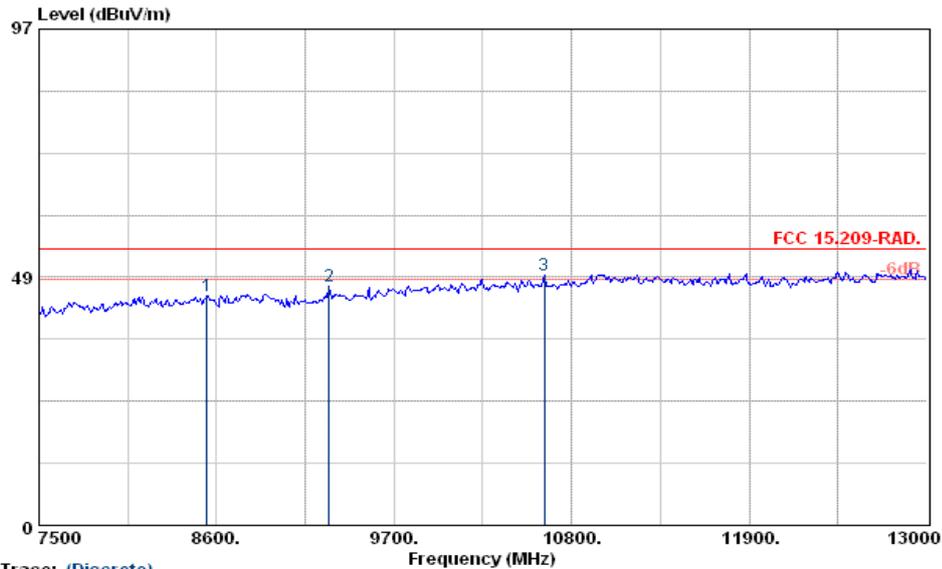
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Test Mode: Data Link Mode  
 Frequency Range: 7.5GHz – 13GHz  
 Temperature : 25 °C

Test Date : May 26, 2009  
 Test By: Sky  
 Humidity : 65 %

Data: 201



Trace: (Discrete)

Site : RF SITE  
 Condition : FCC 15.209-RAD. 3m BBHA9120D VERTICAL  
 Project No. : EH/2008/60003  
 Applicant : SGS 上海  
 EUT Description : HSUPA USB Modem  
 EUT Model : MF636  
 Test Mode : DATA LINK  
 Temp./Humid. : 25/65  
 Operator : SKY

	Freq	Read	Pol/Phase	Factor	Level	Limit	Over
	MHz	dBuV		dB/m	dBuV/m	dBuV/m	dB
1	8539.50	29.91	VERTICAL	15.08	44.99	54.00	-9.01
2	9298.50	31.18	VERTICAL	15.68	46.86	54.00	-7.14
3 !	10629.50	30.51	VERTICAL	18.32	48.83	54.00	-5.17

Remark :

- (1) Measuring frequencies from 1GHz to the 13GHz .
- (2) All Readings above 1GHz are Peak and Average measurement as necessary.
- (3) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

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Test Mode: Data Link Mode

Test Date: May 26, 2009

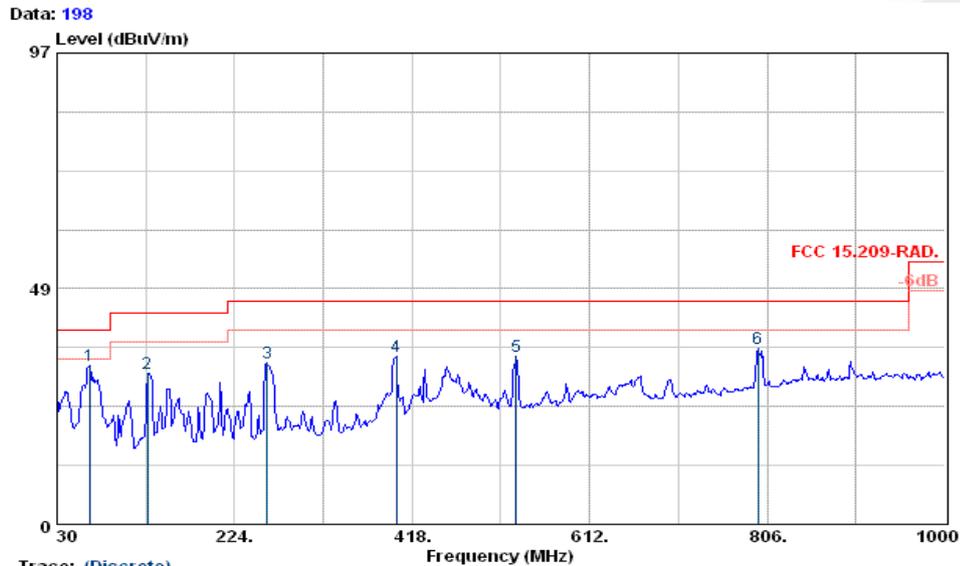
Detector Function: Quasi-Peak/PK

Test By: Sky

Frequency Range: 30MHz-1000MHz

Temperature: 25 °C

Humidity: 65 %



Site : RF SITE  
 Condition : FCC 15.209-RAD. 3m VULB9160 HORIZONTAL  
 Project No. : EH/2008/60003  
 Applicant : SGS 上海  
 EUT Description : HSUPA USB Modem  
 EUT Model : MF636  
 Test Mode : DATA LINK  
 Temp./Humid. : 25/65  
 Operator : SKY

	Freq	Read Level	Pol/Phase	Factor	Level	Limit Line	Over Limit
	MHz	dBuV		dB/m	dBuV/m	dBuV/m	dB
1	65.89	47.70	HORIZONTAL	-15.09	32.61	40.00	-7.39
2	128.94	45.65	HORIZONTAL	-14.56	31.09	43.50	-12.41
3	259.89	46.78	HORIZONTAL	-13.64	33.14	46.00	-12.86
4	400.54	44.70	HORIZONTAL	-9.99	34.71	46.00	-11.29
5	531.49	42.62	HORIZONTAL	-7.99	34.63	46.00	-11.37
6	796.30	39.44	HORIZONTAL	-3.12	36.32	46.00	-9.68

Remark :

- (1) Measuring frequencies from 30 MHz to the 1GHz .
- (2) Radiated emissions measured in frequency range from 30 MHz to 1000MHz were made with an instrument using Peak detector mode.
- (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.
- (4) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz.

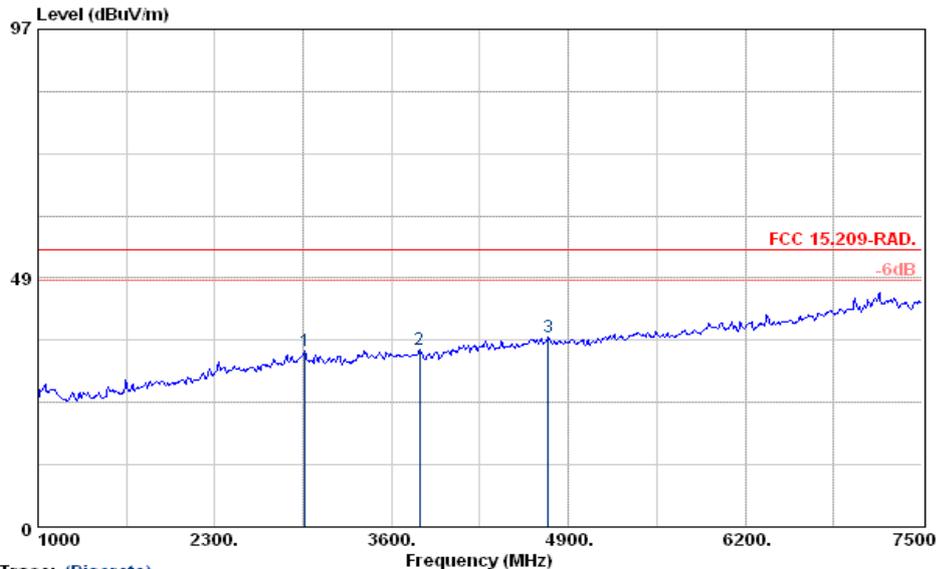
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Test Mode: Data Link Mode  
 Frequency Range: 1GHz – 7.5GHz  
 Temperature : 25 °C

Test Date : May 26, 2009  
 Test By: Sky  
 Humidity : 65 %

Data: 200



Trace: (Discrete)

Site : RF SITE  
 Condition : FCC 15.209-RAD. 3m BBHA9120D HORIZONTAL  
 Project No. : EH/2008/60003  
 Applicant : SGS上海  
 EUT Description : HSUPA USB Modem  
 EUT Model : MF636  
 Test Mode : DATA LINK  
 Temp./Humid. : 25/65  
 Operator : SKY

	Freq	Read	Pol/Phase	Factor	Level	Limit	Over
	MHz	dBuV		dB/m	dBuV/m	dBuV/m	dB
1	2963.00	33.93	HORIZONTAL	0.29	34.22	54.00	-19.78
2	3808.00	31.43	HORIZONTAL	3.05	34.48	54.00	-19.52
3	4750.50	31.05	HORIZONTAL	5.89	36.94	54.00	-17.06

Remark :

- (1) Measuring frequencies from 1GHz to the 13GHz .
- (2) All Readings above 1GHz are Peak and Average measurement as necessary.
- (3) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

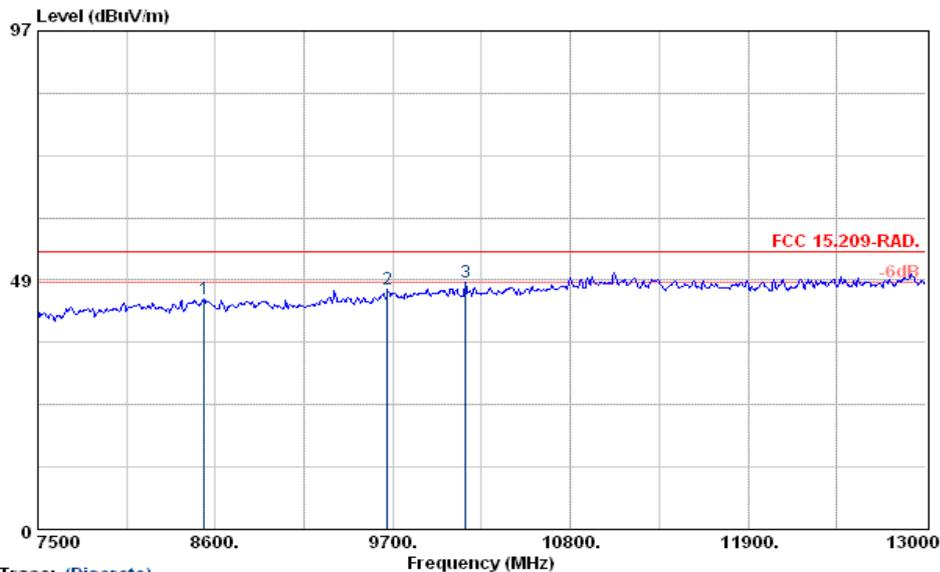
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Test Mode: Data Link Mode  
 Frequency Range: 7.5GHz – 13GHz  
 Temperature : 25 °C

Test Date : May 26, 2009  
 Test By: Sky  
 Humidity : 65 %

Data: 202



Trace: (Discrete)

Site : RF SITE  
 Condition : FCC 15.209-RAD. 3m BBHA9120D HORIZONTAL  
 Project No. : EH/2008/60003  
 Applicant : SGS 上海  
 EUT Description : HSUPA USB Modem  
 EUT Model : MF636  
 Test Mode : DATA LINK  
 Temp./Humid. : 25/65  
 Operator : SKY

	Freq	Read Level	Pol/Phase	Factor	Level	Limit Line	Over Limit
	MHz	dBuV		dB/m	dBuV/m	dBuV/m	dB
1	8528.50	29.67	HORIZONTAL	15.10	44.77	54.00	-9.23
2	9667.00	30.28	HORIZONTAL	16.34	46.62	54.00	-7.38
3	10151.00	31.18	HORIZONTAL	16.99	48.17	54.00	-5.83

Remark :

- (1) Measuring frequencies from 1GHz to the 13GHz .
- (2) All Readings above 1GHz are Peak and Average measurement as necessary.
- (3) The IF bandwidth of SPA 30MHz to 1GHz was 100KHz and 1GHz to 10GHz was 1MHz

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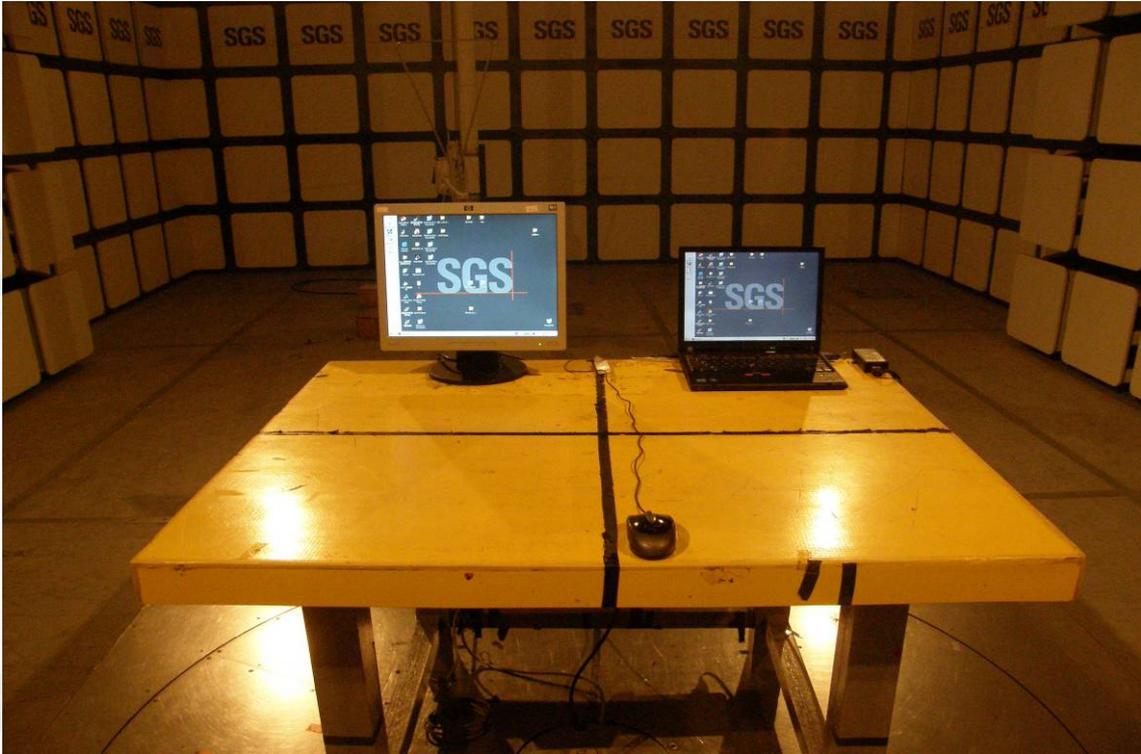
# APPENDIX 1

## PHOTOGRPHS OF SET UP

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### *Radiated Emission Test Setup Photo*



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## Conducted Emission Set up Photo



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## APPENDIX 2

# PHOTOGRPHS OF EUT

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*All of EUT*



*Front View of EUT*



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*Back View of EUT**Side View of EUT - 1*

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*Side View of EUT – 2*



*Side View of EUT – 3*



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*Open View of EUT – 1*



*Open View of EUT – 2*



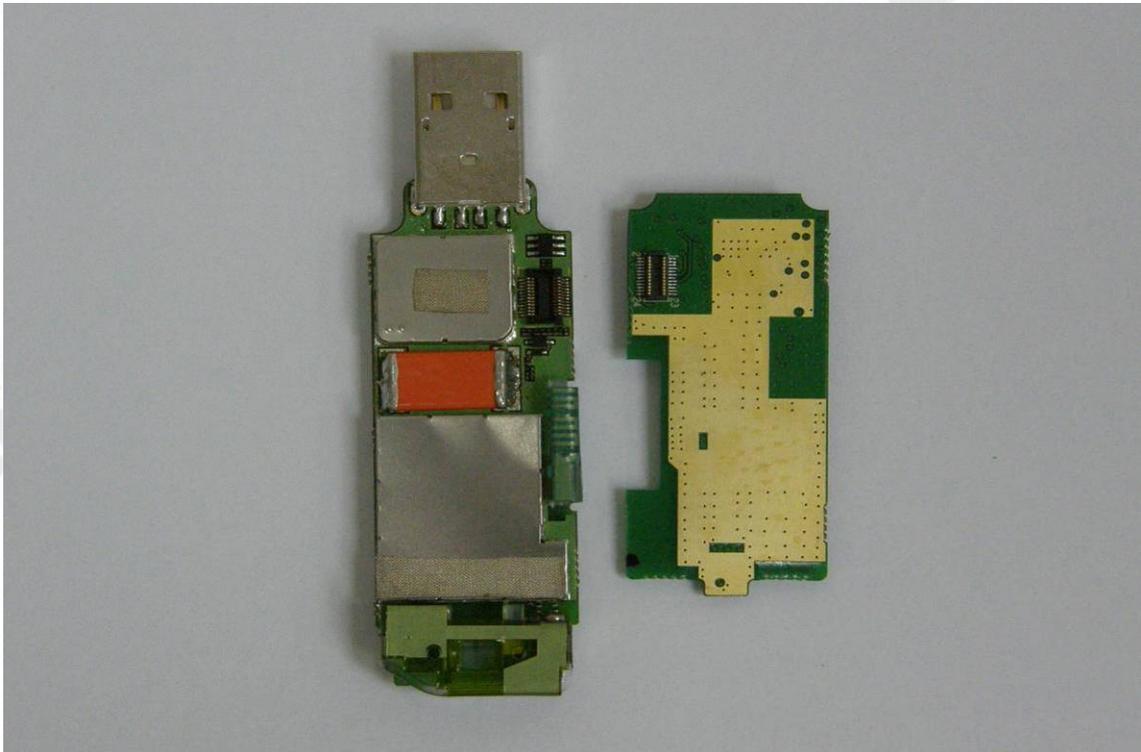
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*Internal of EUT – 1*



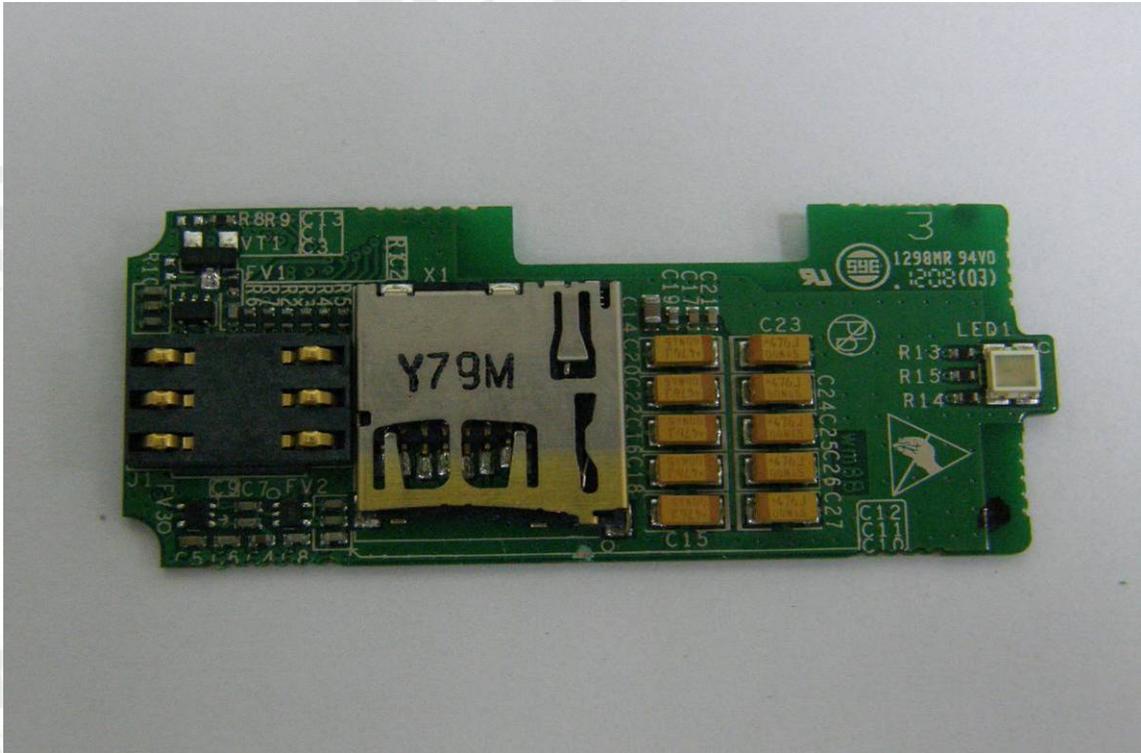
*Internal of EUT – 2*



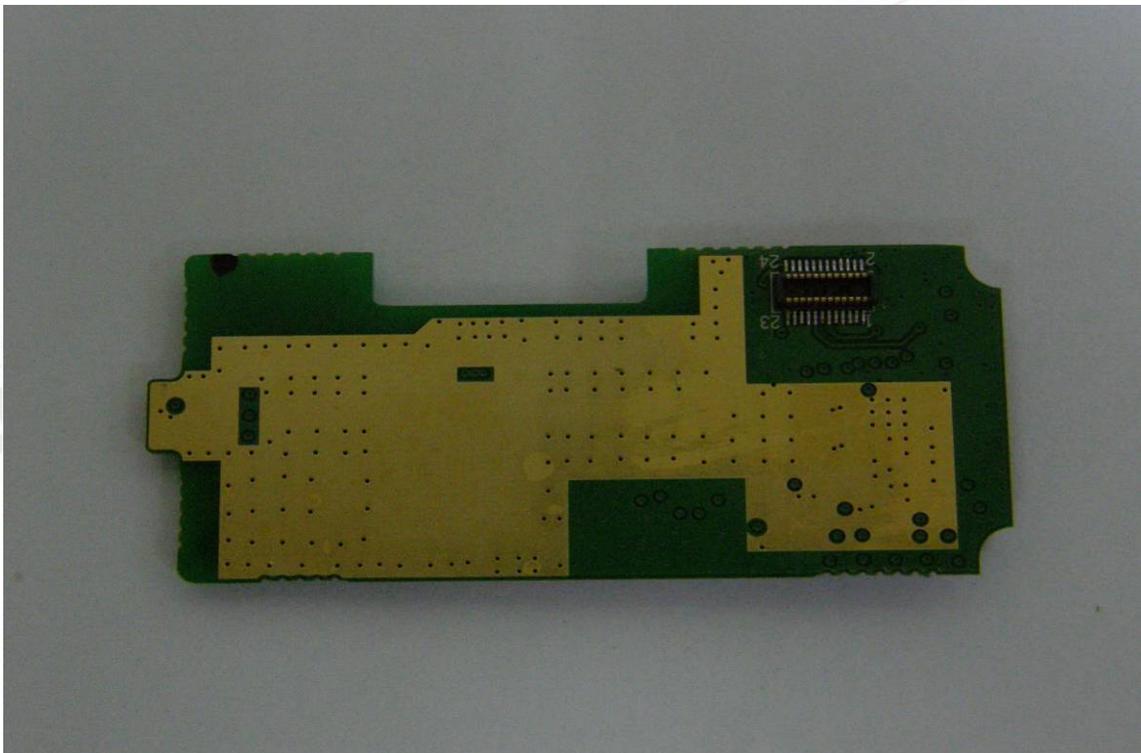
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*Internal of EUT – 3*



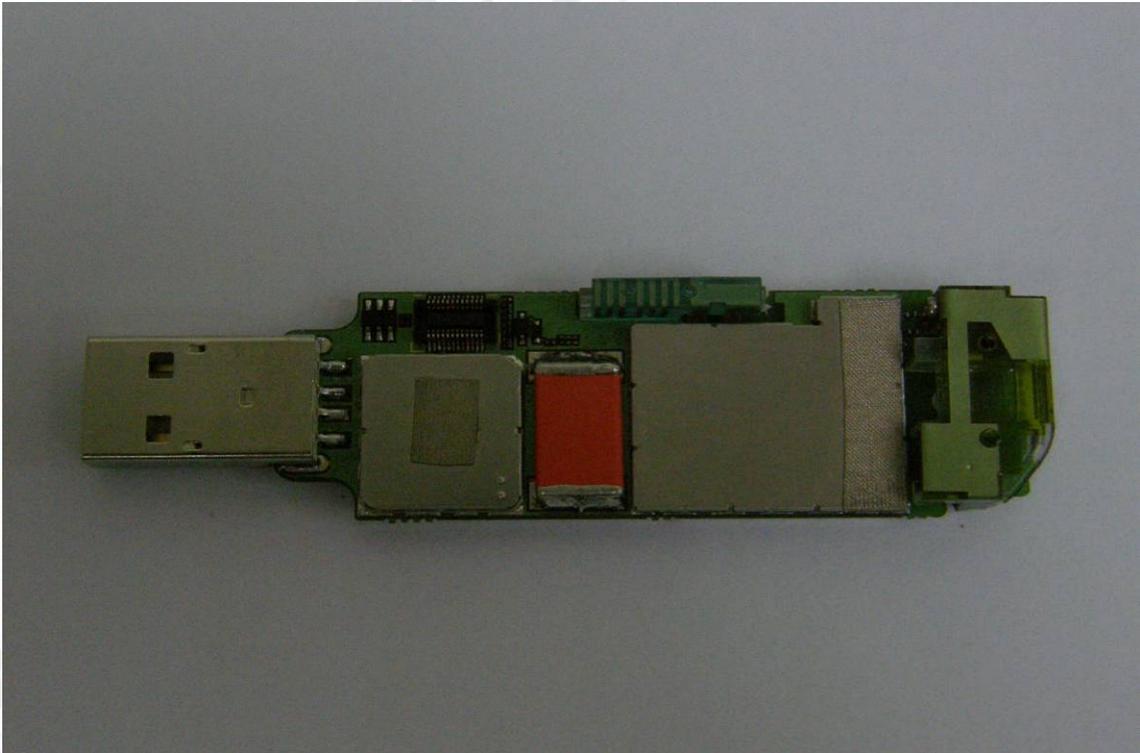
*Internal of EUT – 4*



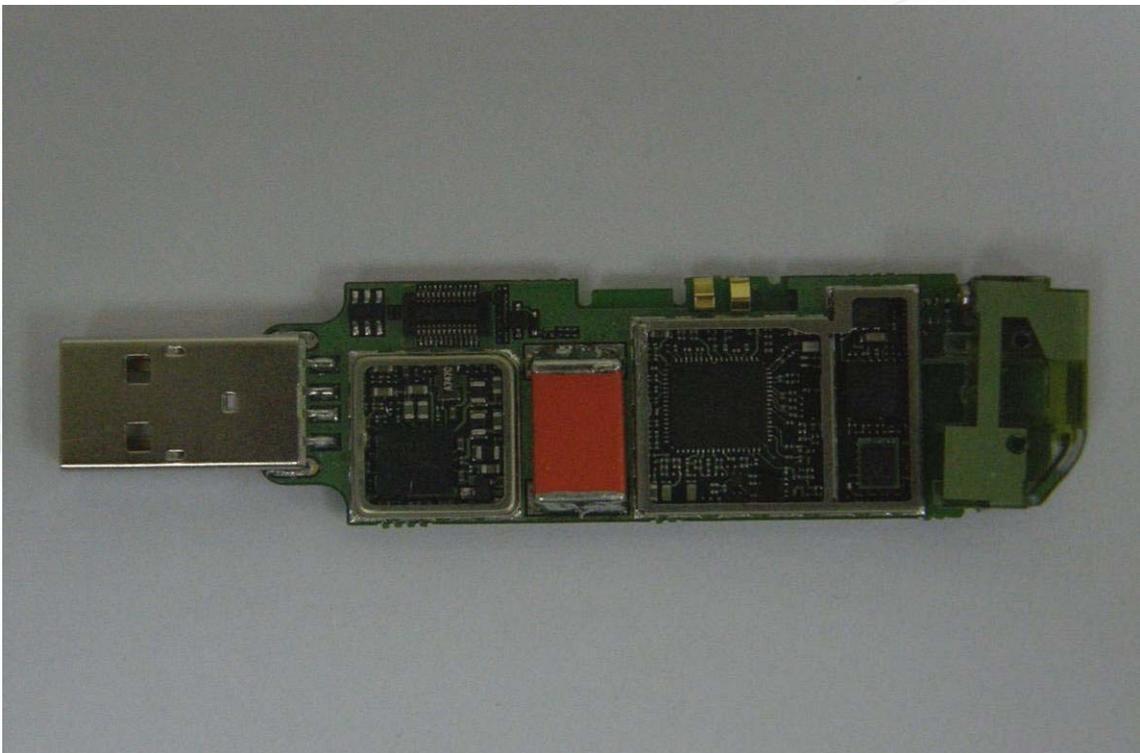
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*Internal of EUT – 5*



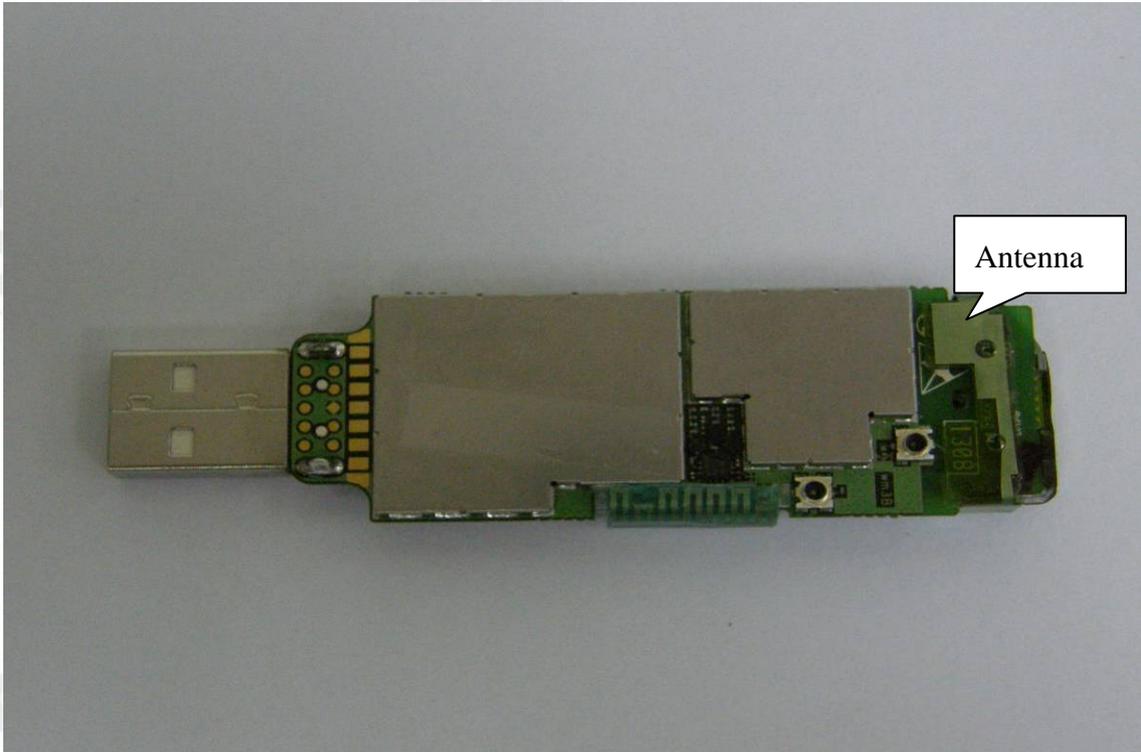
*Internal of EUT – 6*



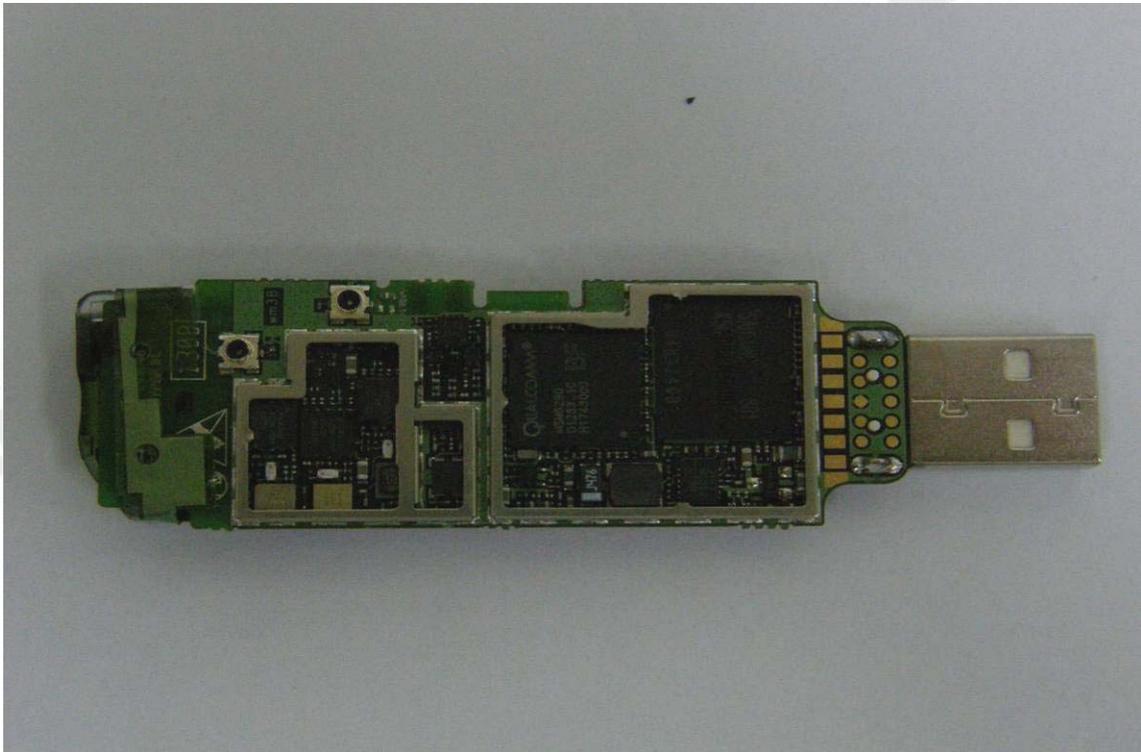
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*Internal of EUT – 7*



*Internal of EUT – 8*



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## APPENDIX 3

# LABELING REQUIREMENTS

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### §15.19 Labeling requirements.

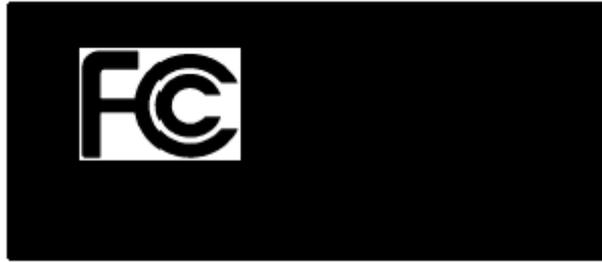
- (a) In addition to the requirements in part 2of this chapter, a device subject to certification, or verification, or verification shall be labeled as follows:
- (1) Receivers associated with the operation of a licensed radio service, e.g., FM broadcast under part 73 of this chapter, land mobile operation under part 90,etc., shall bear the following statement in a conspicuous location on the device:  
This device complies with part 15 of the FCC Rules. Operation is subject to the condition that this device does not cause harmful interference.
  - (2) A stand-alone cable input selector switch, shall bear the following statement in a conspicuous location on the device:  
This device is verified to comply with the part15of the FCC Rules for use with cable television service.
  - (3) All other devices shall bear the following statement in a conspicuous location on the device:  
This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions:(1) This device may not cause harmful interference, and (2) this device must accept any interference received including interference that may cause undesired operation.
  - (4) Where a device is constructed in two or more sections connected by wires and marketed together, the statement specified under paragraph (a) of this section is required to be affixed only to the main control unit.
  - (5) When the device is so small or for such use that it is not practicable to place the statement specified under paragraph (a) of this section on it , the information required by this paragraph shall be placed in a prominent location in the instruction manual or pamphlet supplied to the user or, alternatively, shall be placed on the container in which the device is marketed. However, the FCC identifier or the unique identifier, as appropriate, must be displayed on the device.
- (b) Products subject to authorization under a Declaration of Conformity shall be labeled as follows:
- (1) The label shall be located in a conspicuous location on the device and shall contain the unique identification described in §2.1074of this chapter and the following logo:
    - (i) If the product is authorized based on testing of the product or system; or



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- (ii) If a personal computer is authorized based on assembly using separately authorized components, in accordance with §15.101(c) (2) or (c)(3), and the resulting product is not separately tested:



- (2) Label text information should be in a size of type large enough to be readily legible, consistent with the dimensions of the equipment and the label. However, the type size for the text is not required to be larger than eight points.
- (3) When the device is so small or for such use that it is not practicable to place the statement specified under paragraph (b)(1) of this section on it, such as for a CPU board or a plug-in circuit board peripheral device, the text associated with the logo may be placed in a prominent location in the instruction manual or pamphlet supplied to the user. However, the unique identification (trade name and model number) and the logo must be displayed on the device.
- (4) The label shall not be a stick-on, paper label. The label on these products shall be permanently affixed to the product and shall be readily visible to the purchaser at the time of purchase, as, described in §2.925(d) of this chapter. "Permanently affixed" means that the label is etched, engraved, stamped, silk screen, indelibly printed, or otherwise permanently marked on a permanently attached part of the equipment or on a nameplate of metal, plastic, or other material fastened to the equipment by welding, riveting, or a permanent adhesive. The label must be designed to last the expected lifetime of the equipment in the environment in which the equipment may be operated and must not be readily detachable.

~ End of Report ~

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