

# TEST REPORT

**REPORT NUMBER: I11GC0118-FCC-RF-1**

**ON**

**Type of Equipment:** CDMA 1X Digital Mobile Phone  
**Type of Designation:** ZTE-C S300  
**Manufacturer:** ZTE Corporation

**ACCORDING TO**  
**FCC CFR Part 2, FREQUENCY ALLOCATIONS AND RADIO**  
**TREATY MATTERS; GENERAL RULES AND REGULATIONS;**  
**e-CFR, April 24, 2009**  
**PART 22, PUBLIC MOBILE SERVICES (April 24, 2009)**

**China Telecommunication Technology Labs.**

*Month date, year*  
*March 17, 2011*

*Signature*

A handwritten signature in black ink, appearing to be 'He Guili'.

He Guili  
Director

**FCC ID:** Q78-ZTECS300

**Report Date:** 2011-03-17

**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 2, and 22. The sample tested was found to comply with the requirements defined in the applied rules.

## CONTENTS

<b>1 GENERAL INFORMATION .....</b>	<b>4</b>
1.1 NOTES .....	4
1.2 TESTERS .....	5
1.3 TESTING LABORATORY INFORMATION .....	6
1.4 DETAILS OF APPLICANT OR MANUFACTURER .....	7
<b>2 TEST ITEM .....</b>	<b>8</b>
2.1 GENERAL INFORMATION .....	8
2.2 OUTLINE OF EUT .....	8
2.3 MODIFICATIONS INCORPORATED IN EUT .....	8
2.4 EQUIPMENT CONFIGURATION .....	8
2.5 OTHER INFORMATION .....	8
<b>3 SUMMARY OF TEST RESULTS .....</b>	<b>9</b>
<b>4 TEST RESULTS .....</b>	<b>10</b>
4.1 RADIATED SPURIOUS EMISSION .....	10
4.2 RADIATED RF POWER OUTPUT AND ERP .....	15
4.3 OCCUPIED BANDWIDTH .....	18
4.4 FREQUENCY STABILITY OVER TEMPERATURE VARIATION .....	22
4.5 FREQUENCY STABILITY OVER VOLTAGE VARIATION .....	24
4.6 CONDUCTED RF POWER OUTPUT .....	26
4.7 CONDUCTED SPURIOUS EMISSION .....	28
4.8 BAND EDGE .....	31
<b>ANNEX A EXTERNAL PHOTOS .....</b>	<b>35</b>
<b>ANNEX B INTERNAL PHOTOS .....</b>	<b>40</b>
<b>ANNEX C DEVIATIONS FROM PRESCRIBED TEST METHODS .....</b>	<b>42</b>

## 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 2 and 22.

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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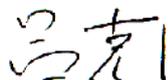
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## 1.2 Testers

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



Name: Lv Ke  
Position: Engineer  
Department: Department of EMC test  
Signature:



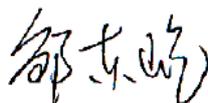
Editor of this test report:

Name: Li Guoqing  
Position: Engineer  
Department: Department of EMC test  
Date: 2011-03-17  
Signature:



Technical responsibility for area of testing:

Name: Zou Dongyi  
Position: Manager  
Department: Department of EMC test  
Date: 2011-03-17  
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

#### 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: ZTE Corporation  
Address: ZTE Plaza, Keji Road South, Hi-Tech Industrial Park,  
Nanshan District, Shenzhen, Guangdong, 518057,  
P.R.China  
Country: China  
Telephone: 86-21-68895196  
Fax: 86-21-68895196  
Contact: Chen Yanli  
Telephone: 86-21-68895196  
Email: chen.yanli1@zte.com.cn

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

Name: --  
Address: --

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

Name: --  
Address: --

## 2 Test Item

### 2.1 General Information

Manufacturer: ZTE Corporation  
 Name: ZTE-C S300  
 Model Number: CDMA 1X Digital Mobile Phone  
 Serial Number: 254301122819  
 Production Status: Product  
 Receipt date of test item: 2011-03-03

### 2.2 Outline of EUT

EUT is a cellular band CDMA2000 1x 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	ZTE Corporation	ZTE-C S300	254301122 819	--
B	adapter	ZTE Corporation	STC-A22O5017 00USBA-Z	--	--
C	battery	ZTE Corporation	Li3710T42P3h5 53457	--	--
D	Earphone	--	--	--	--

Cables:

Item	Cable Type	Manufacturer	Length	Shield	Quantity	Remarks
1	USB	ZTE	1.0m	none	1	--

### 2.5 Other Information

Version of hardware and software:

HW Version: ct1A

SW Version: CT\_S300\_RBTN01NV1.0.4B02

Adaptor information:

Input: 100-240V AC 50/60Hz 200mA

Output: 5.0V 700mA

Battery information: 1000mAh Nominal Voltage: 3.7V

### 3 Summary of Test Results

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

Specification Clause	Name of Test	Result
2.1051, 24.238, 2.1053,22.917	Radiated Spurious Emission	Pass
2.1046,24.232, 22.913(a)	Radiated RF Power Output Effective Radiated Power (ERP)	Pass
2.1049,22.917(b), 24.238(b)	Occupied Bandwidth	*Note 1
2.1055,22.355, 24.235	Frequency Stability over Temperature Variation	Pass
2.1055,22.355, 24.235	Frequency Stability over Voltage Variation	Pass
2.1046,22.913(a), 24.232(c)	Conducted RF Power Output	Pass
2.1051,22.917, 24.238	Conducted spurious emissions	Pass
2.1051,24.238, 2.1053, 22.917	Band Edge	Pass
Note 1: No applicable performance criteria.		

## 4 Test Results

### 4.1 Radiated Spurious Emission

<b>Specifications:</b>	2.1051, 24.238, 2.1053, 22.917					
<b>Date of Tests</b>	2011-03-07					
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 384					
<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	2012-01-12	Normal
7330	Ultra Broadband Antenna	SCHWARZBECK	VULB 9160	--	2013-11-24	Normal
7330	Double-Ridged Horn Antenna	R/S	HF906	100037	2013-01-24	Normal
713	Fully-Anechoic Chamber	ETS	11.8m×6.5m×6.3m	--	2013-11-16	Normal
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-06-08	Normal

#### Limit Level Construction:

According to Part 22.917 (a), i.e., Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB, so the limit level is:  
 $P(\text{dBm}) - (43 + 10 \log(P)) \text{ dB} = -13\text{dBm}$

#### Limits for Radiated spurious emissions(UE)

Frequency range	Limit Level /Resolution Bandwidth
30 MHz to 20000 MHz	-13dBm/1MHz

#### Test Setup:

The EUT was placed in an anechoic chamber, see figure SP. The Wireless Communications Test Set was used to set the TX channel and power level and modulate the TX signal with different bit patterns.

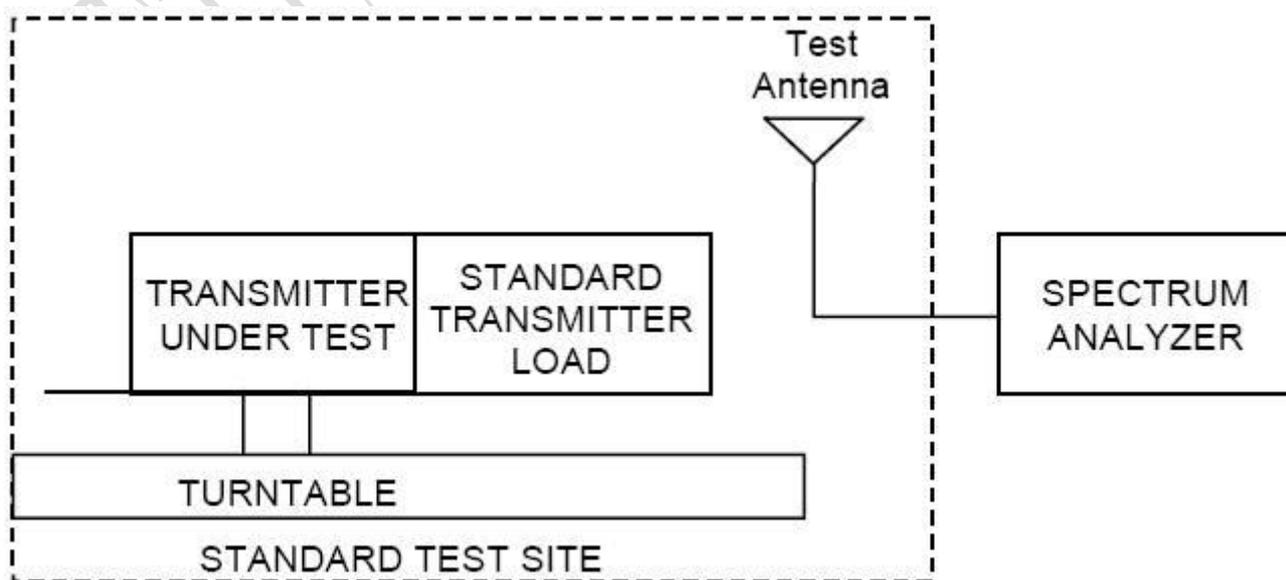


Figure SP

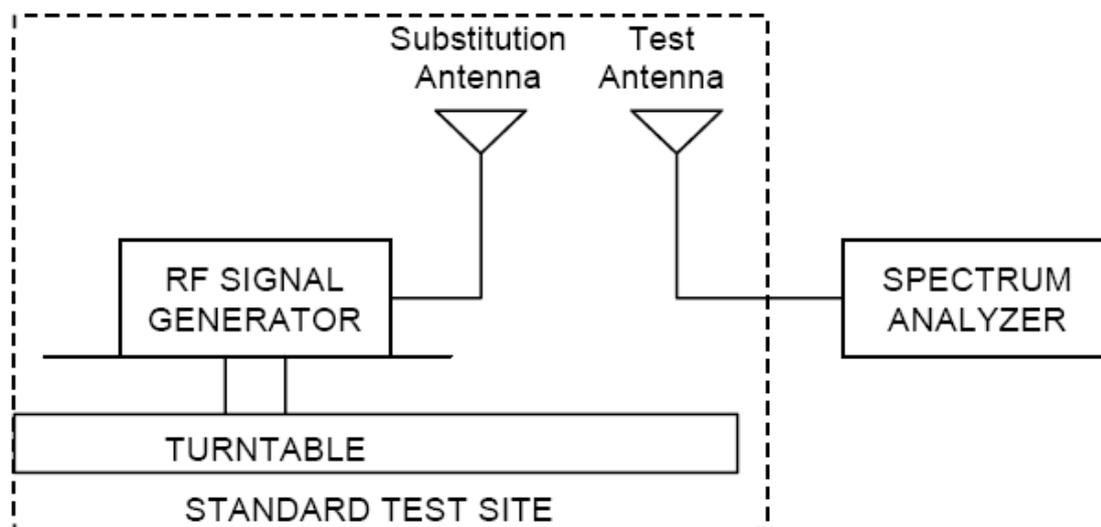
**Test Method:**

The measurement method is substitution method accordance with section 2.2.12 of ANSI/TIA-603-C: *Land Mobile FM or PM Communications Equipment Measurement and Performance Standards*.

(a) Connect the equipment as illustrated and measure the spurious emissions as the method as above.



(b) Reconnect the equipment as illustrated.



(c) Remove the transmitter and replace it with a substitution antenna. The center of the substitution antenna should be approximately at the same location as the center of the transmitter.

(d) Feed the substitution antenna at the transmitter end with a signal generator connected to the antenna by means of a non-radiating cable. With the antennas at both ends horizontally polarized, and with the signal generator tuned to a particular spurious frequency, raise and lower the test antenna to obtain a maximum reading at the spectrum analyzer. Adjust the level of the signal generator output until the previously recorded maximum reading for this set of conditions is obtained. This should be done carefully repeating the adjustment of the test antenna and generator output.

(e) Repeat step d) with both antennas vertically polarized for each spurious frequency.

(f) Calculate power in dBm into a reference ideal half-wave dipole antenna by reducing the readings obtained in steps d) and e) by the power loss in the cable between the generator and the antenna, and further corrected for the gain of the substitution antenna used relative to an ideal half-wave dipole antenna by the following formula:

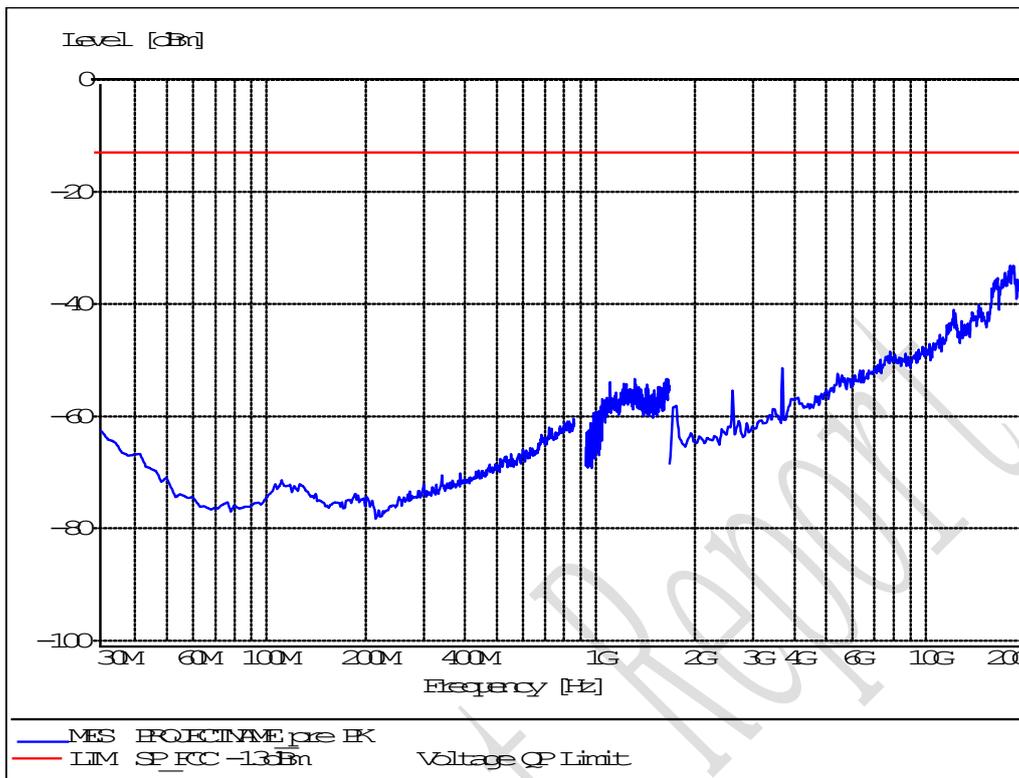
$$P_d(\text{dBm}) = P_g(\text{dBm}) - \text{cable loss (dB)} + \text{antenna gain (dB)}$$

where:

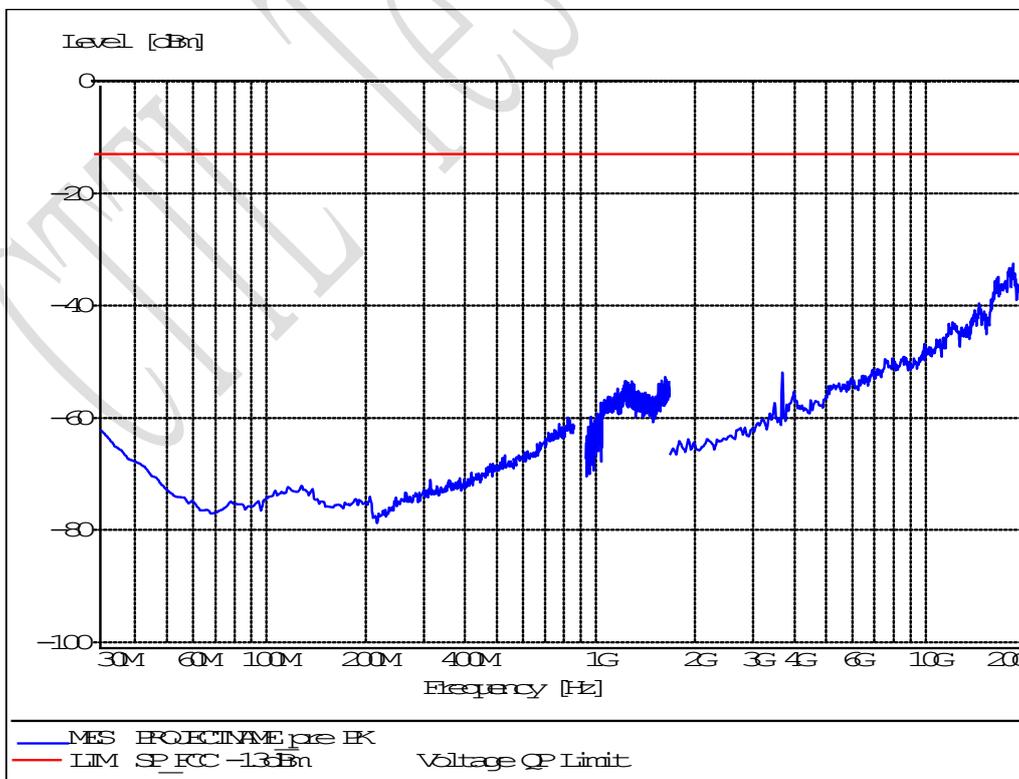
$P_d$  is the dipole equivalent power and

$P_g$  is the generator output power into the substitution antenna.

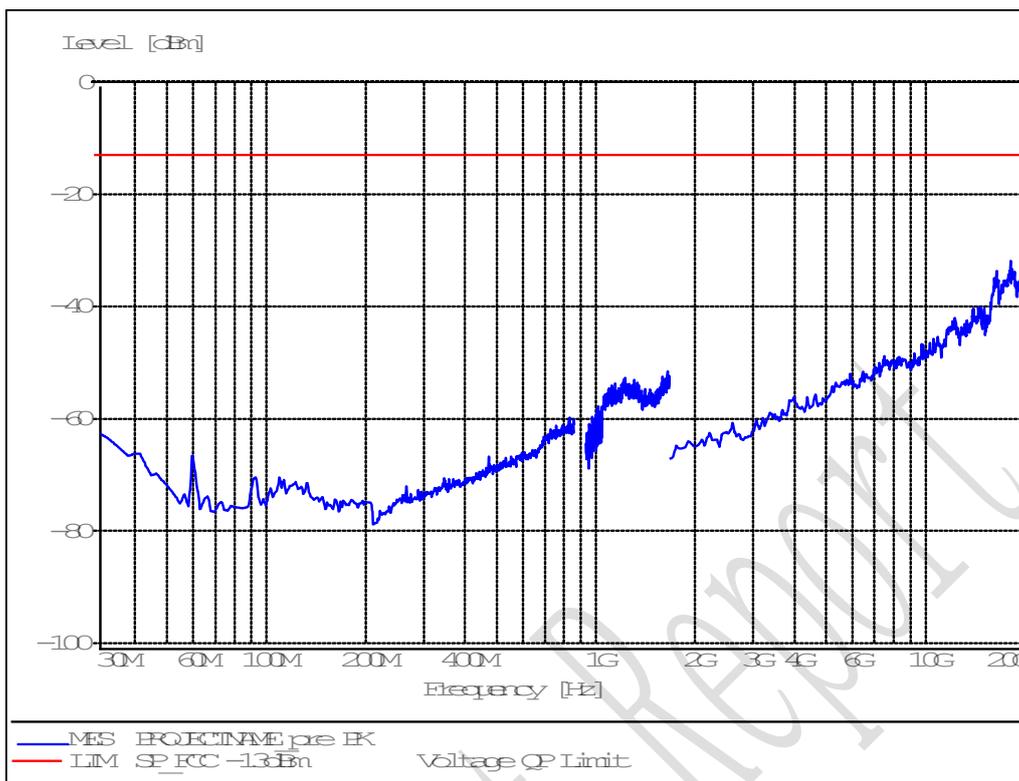
**Test Results:**



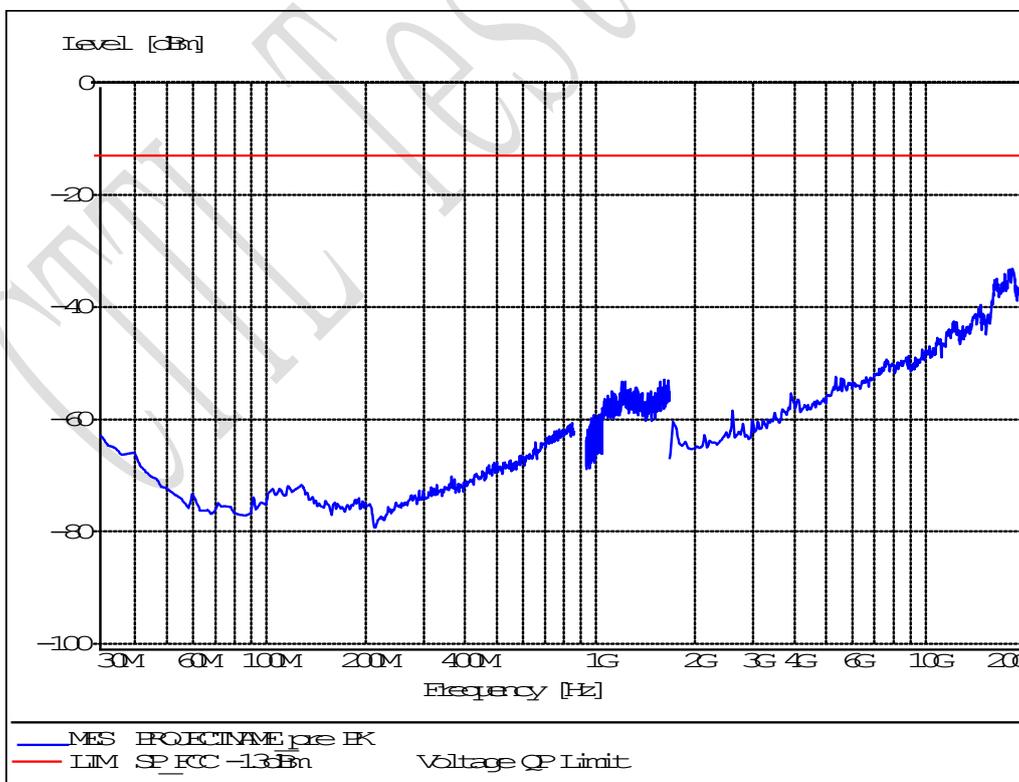
**S384VF**



**S384HF**



S384VT



S384HT

### 4.2 Radiated RF Power Output and ERP

<b>Specifications:</b>	2.1046,24.232,22.913(a)					
<b>Date of Tests</b>	2011-03-07					
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 1013, 384 and 777					
<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	2012-01-12	Normal
7330	Ultra Broadband Antenna	SCHWARZBECK	VULB 9160	--	2013-11-24	Normal
713	Fully-Anechoic Chamber	ETS	11.8m×6.5m×6.3m	--	2013-11-16	Normal
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-06-08	Normal

**Limit Level Construction:**

ERP: According to Part 22.913(a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

**Limits for ERP**

Frequency range	Limit Level (ERP)
TX channel	7W or 38.5dBm

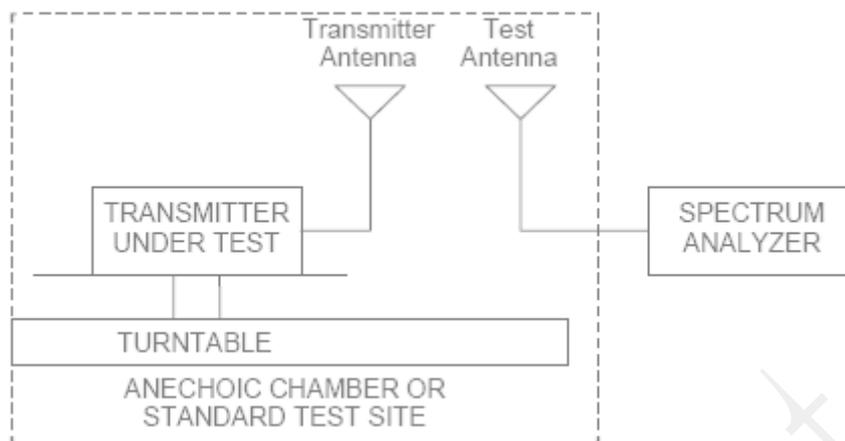
### Test Setup:

The EUT was set in an anechoic chamber, which is connected to the Wireless Communications Test Set located outside the chamber. The test was done using an automated test system, where all test equipments were controlled by a computer. The test distance separation from the receive antenna is 3 meters.

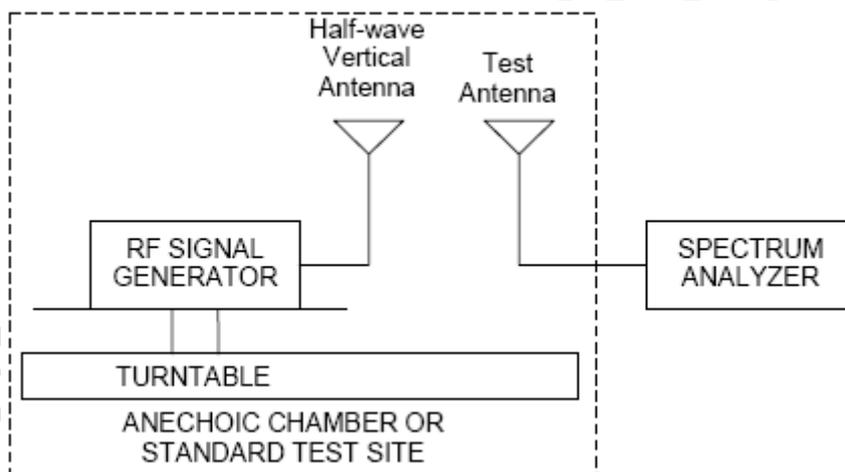
### Test Method

The measurement was performed accordance with section 2.2.17 of ANSI/TIA-603-C: *Land Mobile FM or PM Communications Equipment Measurement and Performance Standards*.

- a) Connect the equipment as illustrated. Mount the equipment in a vertical orientation on a multi-axis plastic holder in a RF anechoic chamber.



- b) Key the transmitter on, then rotate the EUT 360 degree azimuthally and record spectrum analyzer power level (LVL) measurements at angular increments that are sufficiently small to permit resolution of all peaks.
- c) Replace the transmitter under test with a vertically polarized half-wave dipole, or an antenna whose gain is known relative to an ideal half-wave dipole, illustrated as following. The center of the antenna should be at the same location as the center of the antenna under test.



- d) Connect the antenna to a signal generator with a known output power and record the path loss (in dB) as LOSS.

$$\text{LOSS} = \text{Generator Output Power (dBm)} - \text{Analyzer reading (dBm)}$$

- e) Determine the effective radiated output power at each angular position from the readings in steps b) and d) using the following equation:

$$\text{ERP (dBm)} = \text{LVL (dBm)} + \text{LOSS (dB)}$$

- f) The maximum ERP is the maximum value determined in the preceding step.

## Method of Calculation

ERP can then be calculated as follows:

$$P_d \text{ (dBm)} = P_g \text{ (dBm)} - \text{Losses (dB)} + \text{Antenna Gain (dBd)}$$

where:

dBd refers to gain relative to an ideal dipole.

Test Data:

Channel	Output power (Pg) [dBm]	Loss [dB]	Antenna Gain [dBd]	ERP (Pd) [dBm]
1013	18.44	0.3	2.73	20.87
384	18.00	0.5	2.80	20.30
777	17.39	0.5	2.87	19.76

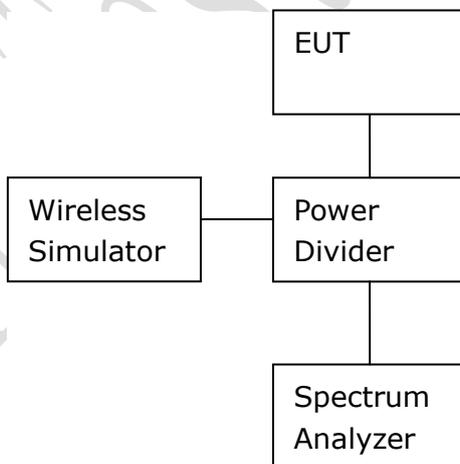
TTL Test Report

### 4.3 Occupied bandwidth

<b>Specifications:</b>	2.1049,22.917(b),24.238(b)					
<b>Date of Test</b>	2011-03-10					
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 1013, 384, 777					
<b>Test Results:</b>	--					
<b>Test equipment Used:</b>						
Asset Number	Description	Manufacturer	Model Number	Serial Number	Cal Due	State
7330	EMC Analyzer	Agilent	E7405A	US41160321	2011-08-22	Normal
---	Power splitter	Jie sai	---	1000132	2012-01-04	Normal
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-04-01	Normal

### Test Setup

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



### Test Method

The 99% occupied bandwidth was calculated from the spectrum analyzer. Markers in the spectrum analyzer were then placed between the calculated frequencies to show the calculated 99% power band.

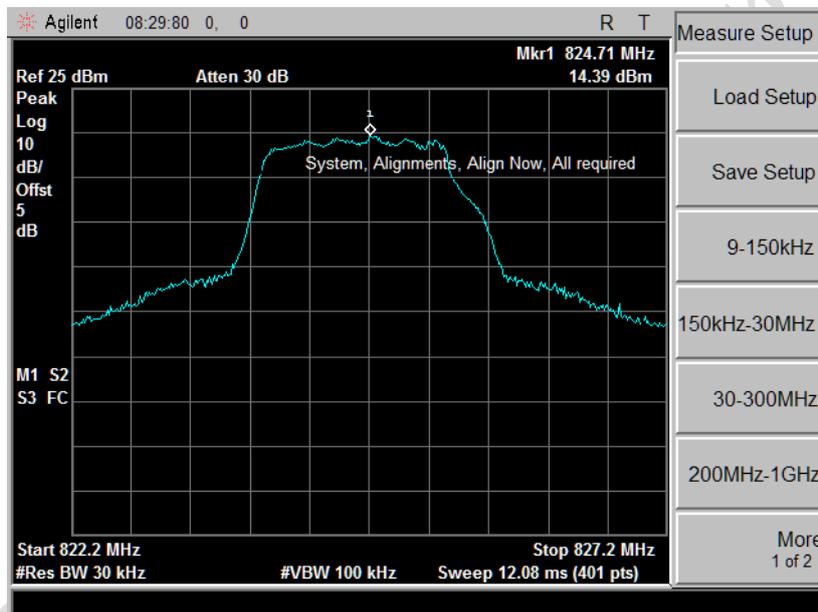
### Note:

None

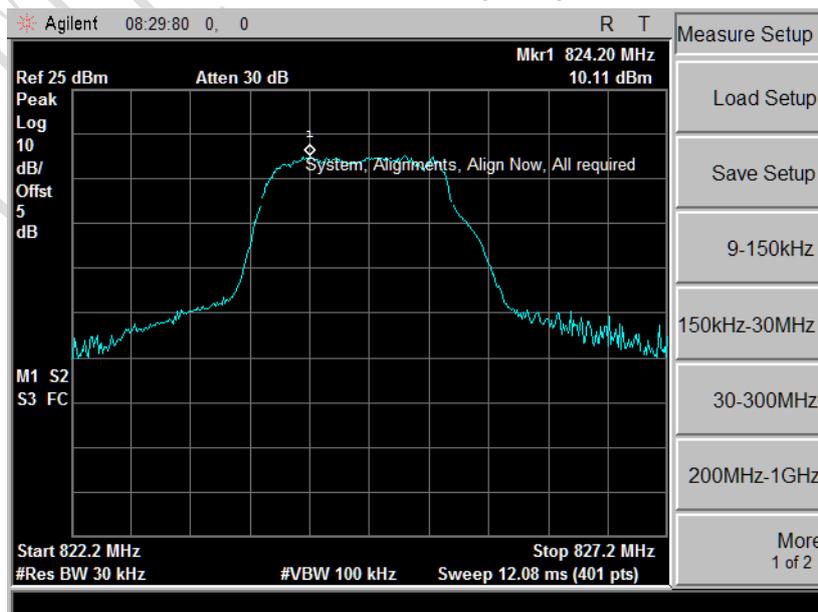
Test Data:

EUT channel no.	99% occupied bandwidth [MHz]
1013	1.7375 (RC 1) 1.6500 (RC 3)
384	1.7375 (RC 1) 1.6500 (RC 3)
777	1.7375 (RC 1) 1.6500 (RC 3)

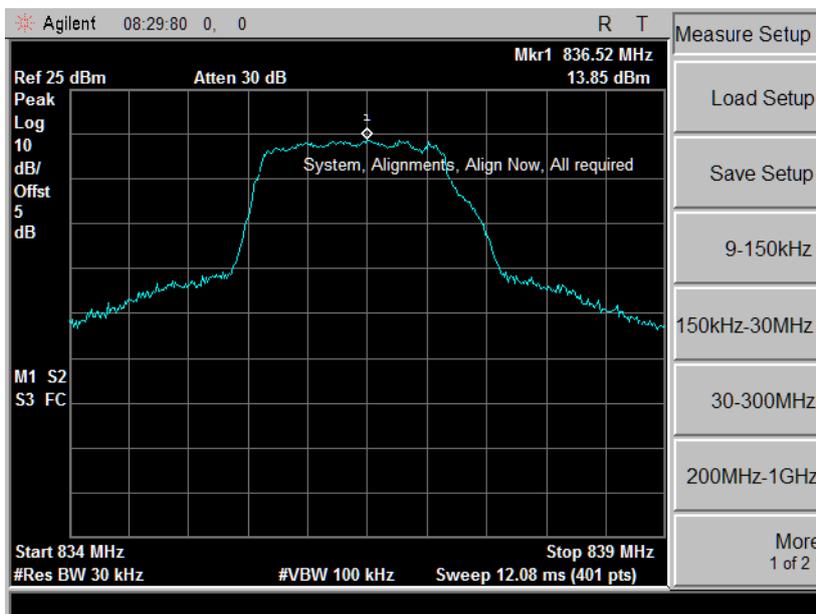
Graphical results:



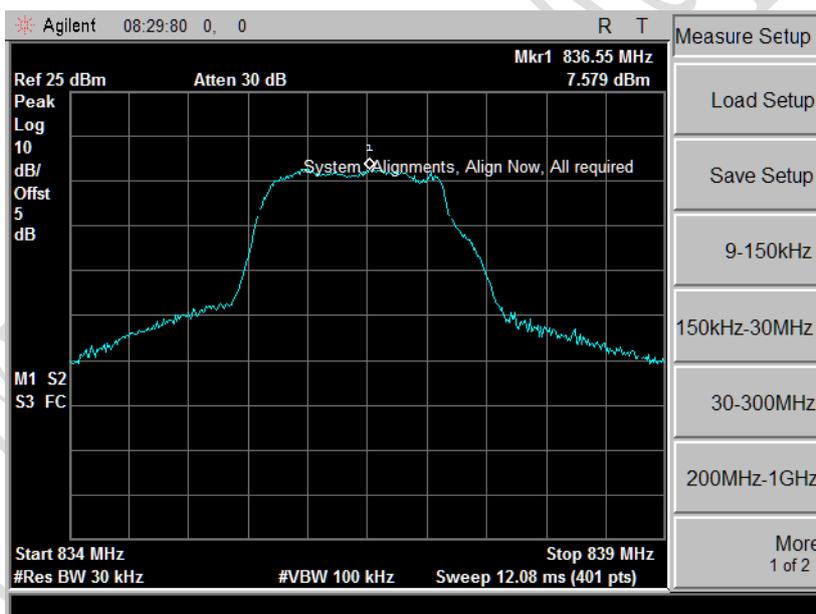
Channel 1013 (RC 1)



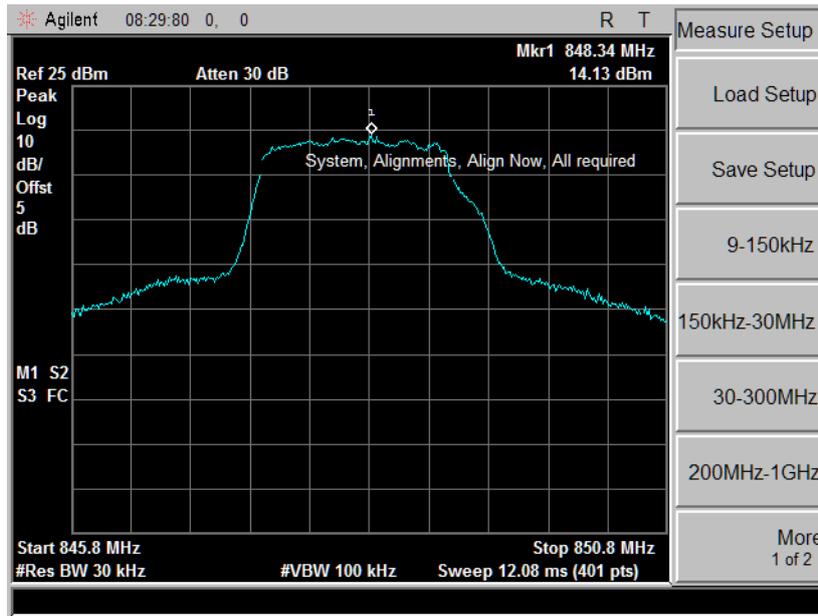
Channel 1013 (RC 3)



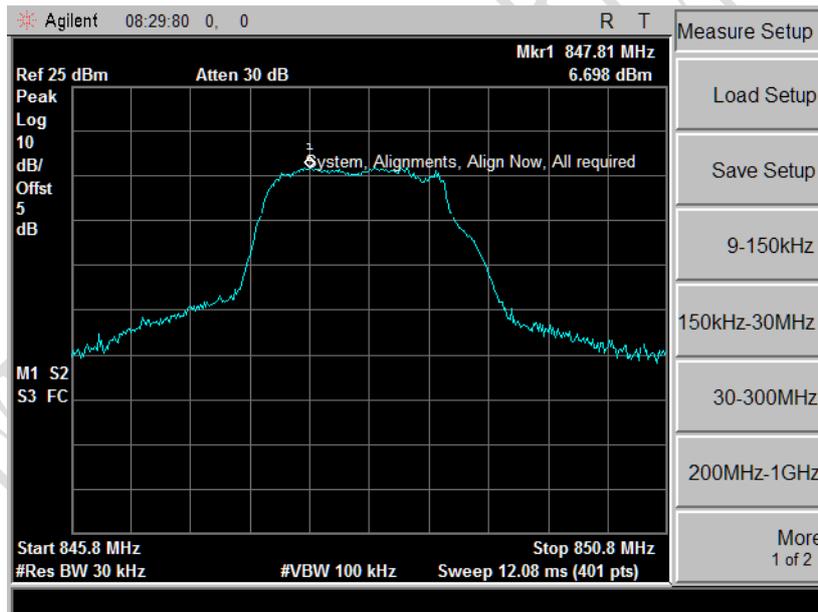
Channel 384 (RC 1)



Channel 384 (RC 3)



Channel 777 (RC 1)



Channel 777 (RC 3)

### 4.4 Frequency Stability over Temperature Variation

<b>Specifications:</b>	2.1055,22.355,24.235					
<b>Date of Test</b>	2011-03-10					
<b>Test conditions:</b>	Ambient Temperature:-30°C-50°C Relative Humidity:30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 384					
<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>
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-04-01	Normal
561	Temperature Chamber	Terchy Environmental Technology LTD.	MHU-800SR	84121202	2013-01-06	Normal
<b>Limit</b>						
Frequency deviation [ppm]	±2.5					

### Test Setup

The EUT was placed in a temperature chamber, demonstrated as figure T. The Wireless Telecommunications Test Set was used to set the Tx channel and power level, modulate the TX signal with different bit patterns and measure the frequency of Tx.

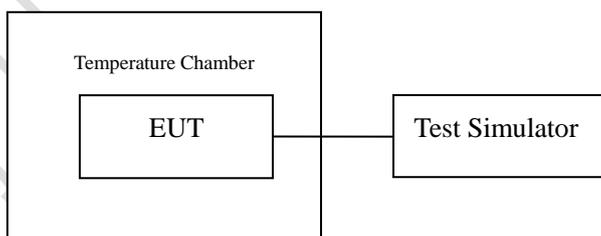


Figure T: setup for measurement of frequency stability over temperature variation

### Test Method

1. The EUT was turned off and placed in the temperature chamber.
2. The temperature of the chamber was set to -30°C and allowed to stabilize.
3. The EUT temperature was allowed to stabilize for 45 minutes.
4. The EUT was turned on and set to transmit with Wireless Telecommunications Test Set.

5. The maximum transmit frequency deviation during one minute period was measured by Wireless Communications Test Set.
6. The steps 3-5 were repeated for -20°C, -10°C, 0°C, 10°C, 20°C, 30°C, 40°C and 50°C.

Test data:

Table T1: frequency deviation over temperature variation

Temperature[°C]	Deviation[Hz]	Deviation[ppm]	Remarks
-30	5 (RC 1)	0.006 (RC 1)	Pass
	21 (RC 3)	0.025 (RC 3)	
-20	-7 (RC 1)	-0.008 (RC 1)	Pass
	19 (RC 3)	0.023 (RC 3)	
-10	-14 (RC 1)	-0.017 (RC 1)	Pass
	26 (RC 3)	0.031 (RC 3)	
0	15 (RC 1)	0.018 (RC 1)	Pass
	27 (RC 3)	0.032 (RC 3)	
10	13 (RC 1)	0.016 (RC 1)	Pass
	-15 (RC 3)	-0.018 (RC 3)	
20	-24 (RC 1)	-0.029 (RC 1)	Pass
	-13 (RC 3)	-0.016 (RC 3)	
30	-28 (RC 1)	-0.033 (RC 1)	Pass
	-29 (RC 3)	-0.035 (RC 3)	
40	-35 (RC 1)	-0.042 (RC 1)	Pass
	-15 (RC 3)	-0.018 (RC 3)	
50	20 (RC 1)	0.024 (RC 1)	Pass
	-21 (RC 3)	-0.025 (RC 3)	

### 4.5 Frequency Stability over Voltage Variation

<b>Specifications:</b>	2.1055,22.355,24.235					
<b>Date of Test</b>	2011-03-10					
<b>Test conditions:</b>	Ambient Temperature: 15°C-35°C Relative Humidity: 30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 384					
<b>Test Results:</b>	Pass					
<b>Test equipment Used:</b>						
Asset Number	Description	Manufacturer	Model Number	Serial Number	Cal Due	State
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-04-01	Normal
7982	DC Power Source	4NIC	DH1715A-3	004224	--	Normal
<b>Limit</b>						
Frequency deviation [ppm]	±2.5					

### Test Setup

The EUT was placed in a shielding chamber and powered by an adjustable power supply, demonstrated as figure V. A Wireless Telecommunications Test Set was used to set the TX channel and power level, modulate the TX signal with different bit patterns and measure the frequency of TX.

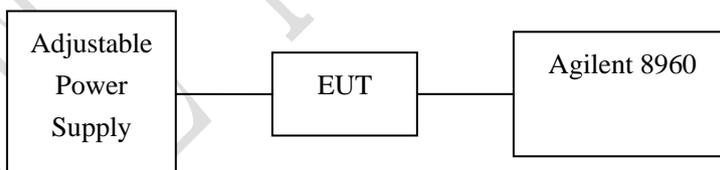


Figure V: test setup for measurement of frequency stability over voltage variation

### Test Method

The EUT was powered by the adjustable power supply. The frequency stability is measured by the Wireless Telecommunications Test Set.

Test data:

Table V: frequency deviation over voltage variation

Level	Voltage[V]	Deviation[Hz]	Deviation[ppm]	Remarks
Nominal	3.7	-9(RC1) -14(RC3)	-0.011(RC1) -0.017(RC3)	Pass
Cut-off Point	3.3	-10(RC1) -16(RC3)	-0.012(RC1) -0.019(RC3)	Pass

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### 4.6 Conducted RF Power Output

<b>Specifications:</b>	2.1046,22.913(a),24.232(c)					
<b>Date of Tests</b>	2011-03-10					
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 1013, 384, 777					
<b>Test Results:</b>	Pass					
<b>Test equipment Used:</b>						
Asset Number	Description	Manufacturer	Model Number	Serial Number	Cal Due	State
7330	EMC Analyzer	Agilent	E7405A	US41160321	2011-08-22	Normal
---	Power splitter	Jie sai	---	1000132	2012-01-04	Normal
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-04-01	Normal

**Limit Level Construction:**

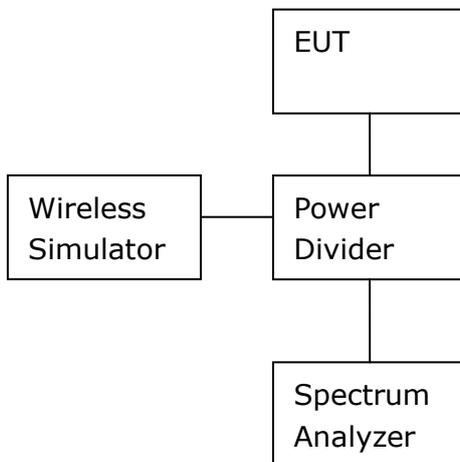
ERP: According to Part 22.913(a), the ERP of mobile transmitters and auxiliary test transmitters must not exceed 7 Watts.

**Limits for ERP**

Frequency range	Limit Level (ERP)
TX channel	7W or 38.5dBm

**Test Setup:**

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



## Test Method

- 1) The EUT was coupled to the spectrum analyzer and the base station simulator through a power divider. The loss of the cables in the test system is calibrated to correct the readings.
- 2) The spectrum analyzer was set to Maxpeak Detector function and Maximum hold mode.
- 3) The resolution bandwidth of the spectrum analyzer was comparable to the emission bandwidth.

## Note:

None

## Test Results:

Channel No.	Peak output power [dBm]
1013	27.821 (RC 1)
	22.539 (RC 3)
384	27.713 (RC 1)
	22.037 (RC 3)
777	27.683 (RC 1)
	23.796 (RC 3)

#### 4.7 Conducted Spurious Emission

<b>Specifications:</b>	2.1051,22.917,24.238					
<b>Date of Tests</b>	2011-03-10					
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 384					
<b>Test Results:</b>	Pass					
<b>Test equipment Used:</b>						
Asset Number	Description	Manufacturer	Model Number	Serial Number	Cal Due	State
7330	EMC Analyzer	Agilent	E7405A	US41160321	2011-08-22	Normal
---	Power splitter	Jie sai	---	1000132	2012-01-04	Normal
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-04-01	Normal

#### Limit Level Construction:

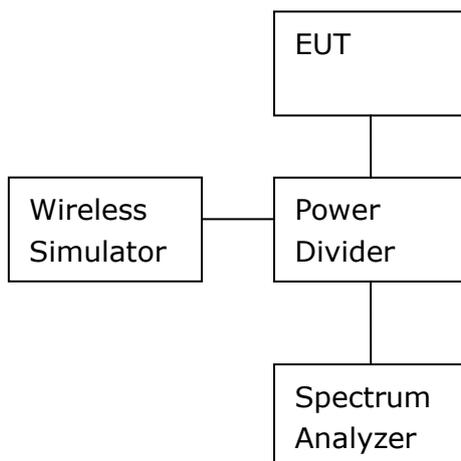
According to Part 24.238 (a), i.e., Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB, so the limit level is:  
 $P(\text{dBm}) - (43 + 10 \log(P)) \text{ dB} = -13\text{dBm}$

#### Limits for Radiated spurious emissions(UE)

Frequency range	Limit Level /Resolution Bandwidth
30 MHz to 20000 MHz	-13dBm/1MHz

#### Test Setup:

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



## Test Method

The measurement was performed accordance with section 2.2.13 of ANSI/TIA-603-B-2002: *Land Mobile FM or PM Communications Equipment Measurement and Performance Standards*.

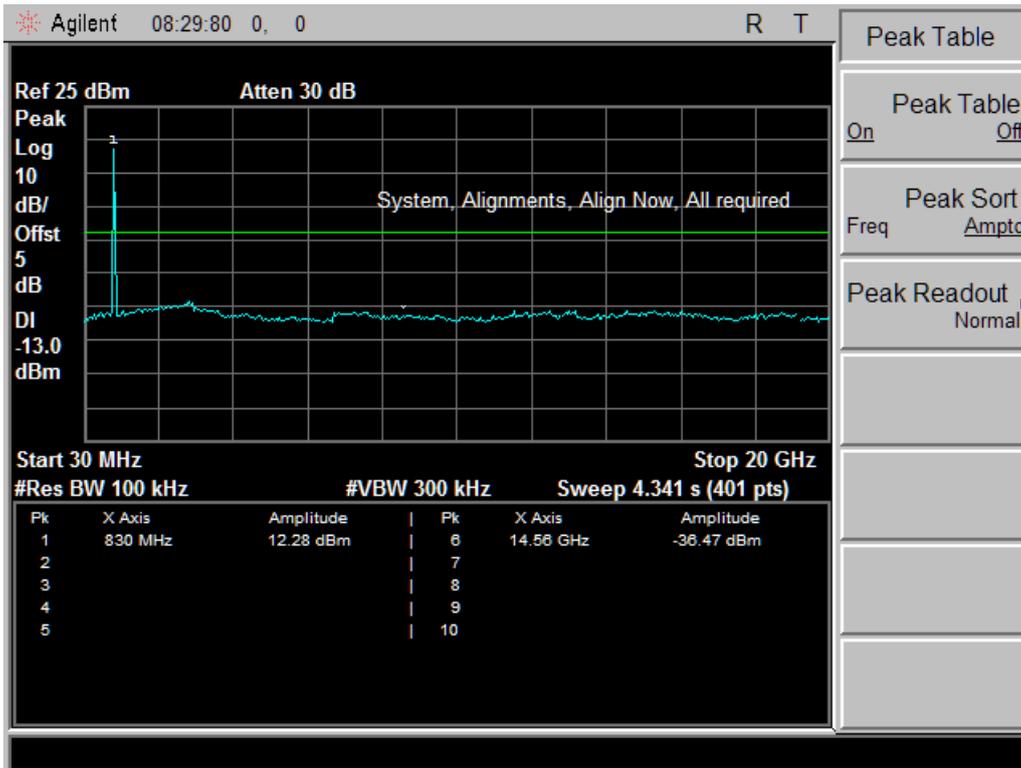
The following steps outline the procedure used to measure the conducted emissions from the EUT.

1. Determine frequency range for measurements: From CFR 2.1057 the spectrum should be investigated from the lowest radio frequency generated in the equipment up to at least the 10th harmonic of the carrier frequency.

## Note:

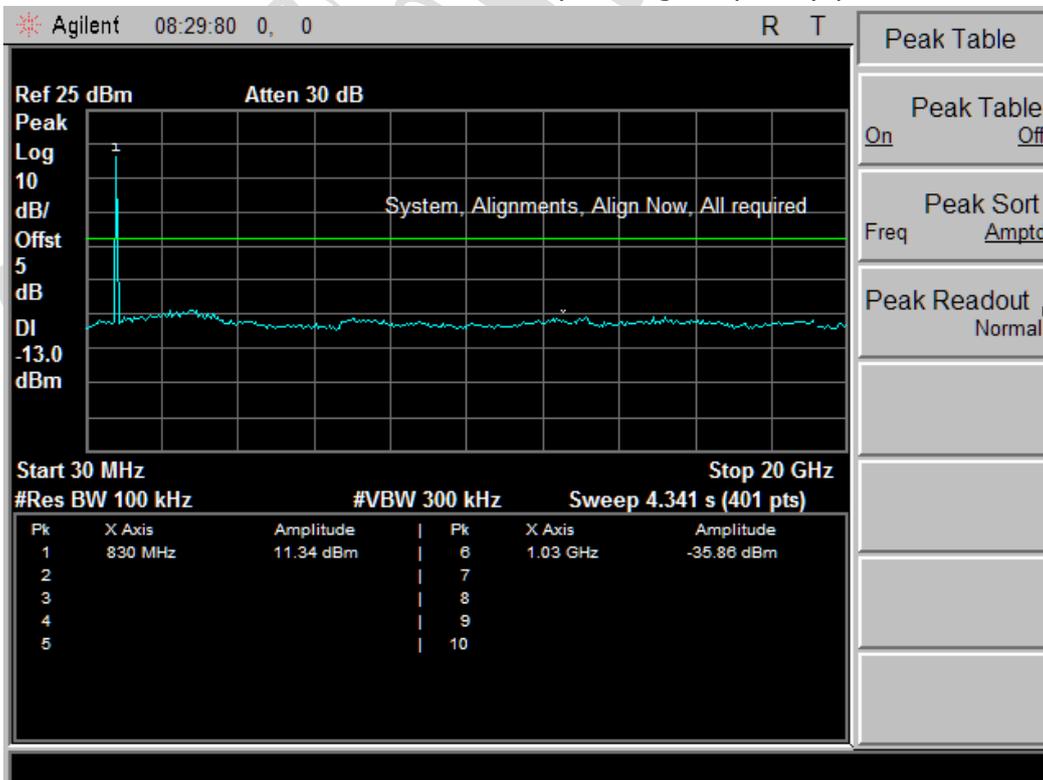
None

**Test Results:**



Channel 384 (RC 1)

Note: 830 MHz is the EUT's operating frequency point.



Channel 384 (RC 3)

Note: 830 MHz is the EUT's operating frequency point.

### 4.8 Band Edge

<b>Specifications:</b>	2.1051, 24.238, 2.1053, 22.917					
<b>Date of Tests</b>	2011-03-10					
<b>Test conditions:</b>	Ambient Temperature:15°C-35°C Relative Humidity:30%-60% Air pressure: 86-106kPa					
<b>Operation Mode</b>	TX on, channel 1013, 777					
<b>Test Results:</b>	Pass					
<b>Test equipment Used:</b>						
Asset Number	Description	Manufacturer	Model Number	Serial Number	Cal Due	State
7330	EMC Analyzer	Agilent	E7405A	US41160321	2011-08-22	Normal
---	Power splitter	Jie sai	---	1000132	2012-01-04	Normal
111835	Wireless Communications Test Set	R&S	CMU200	1100000802	2011-04-01	Normal

**Limit Level Construction:**

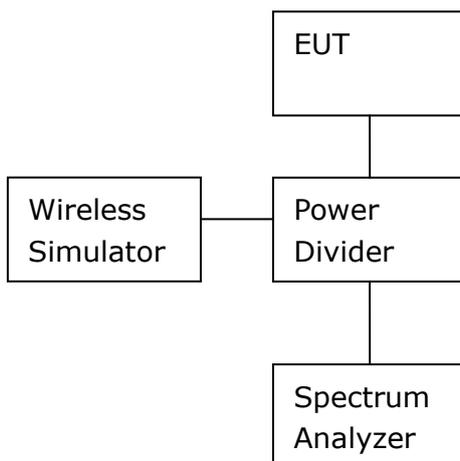
According to Part 24.238 (a), i.e., Out of band emissions. The power of any emission outside of the authorized operating frequency ranges must be attenuated below the transmitting power (P) by a factor of at least  $43 + 10 \log(P)$  dB, so the limit level is:  
 $P(\text{dBm}) - (43 + 10 \log(P)) \text{ dB} = -13\text{dBm}$

**Limits for Radiated spurious emissions**

Frequency range	Limit Level
Band edge	-13dBm

**Test Setup:**

During the test, the EUT was controlled via the Wireless Communications Test Set to ensure max power transmission and proper modulation and measured by spectrum analyzer.



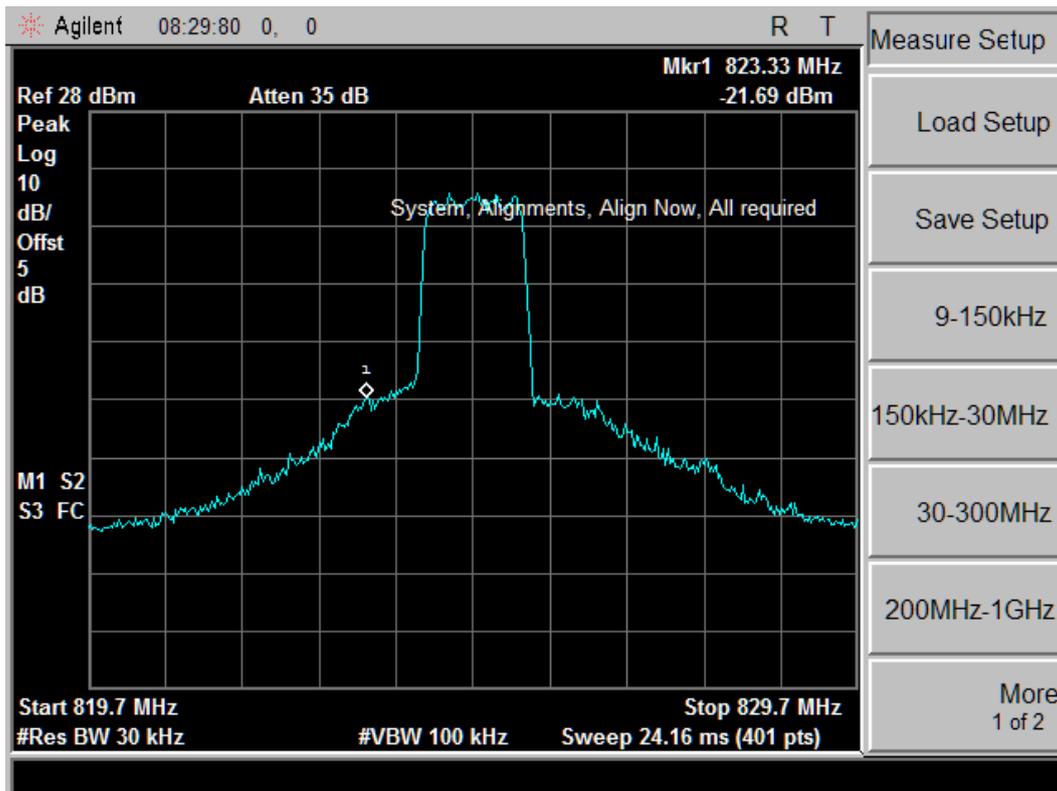
### Test Method

- 1) The EUT was coupled to the EMI test receiver analyzer mode and the base station simulator through a power divider. The loss of the cables in the test system is calibrated to correct the readings.
- 2) The spectrum analyzer was set to Maxpeak Detector function and Maximum hold mode.
- 3) The resolution bandwidth of the spectrum analyzer was a little greater than 1% of the 26dB emission bandwidth.

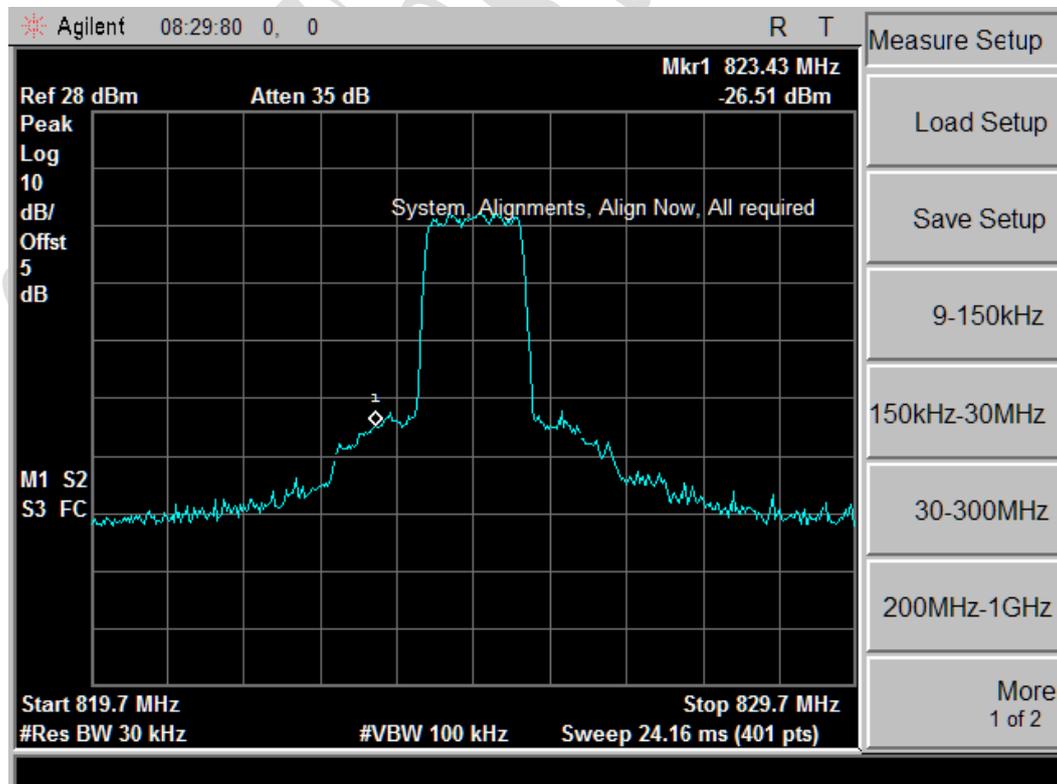
Note: --

### Test Results:

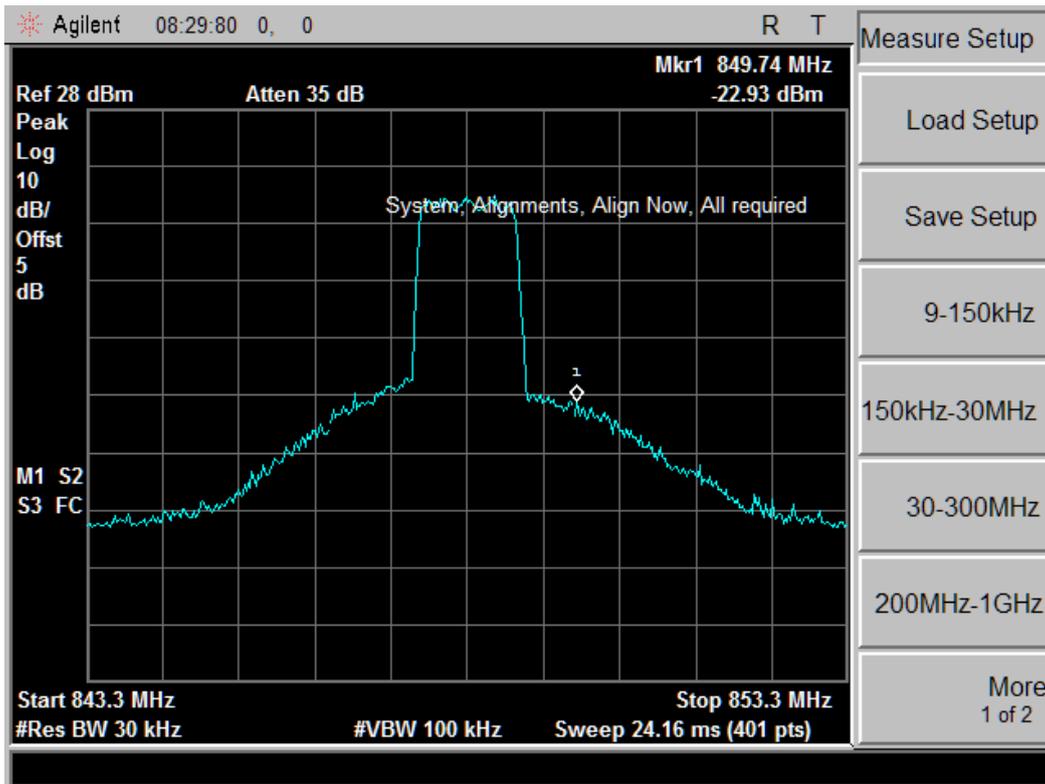
Band-edge emission		
EUT Channel	Frequency [MHz]	Level [dBm]
1013 left band edge	823.325 (RC 1)	-21.689 (RC 1)
	823.425 (RC 3)	-26.509 (RC 3)
777 right band edge	849.735 (RC 1)	-22.935 (RC 1)
	849.560 (RC 3)	-28.944 (RC 3)



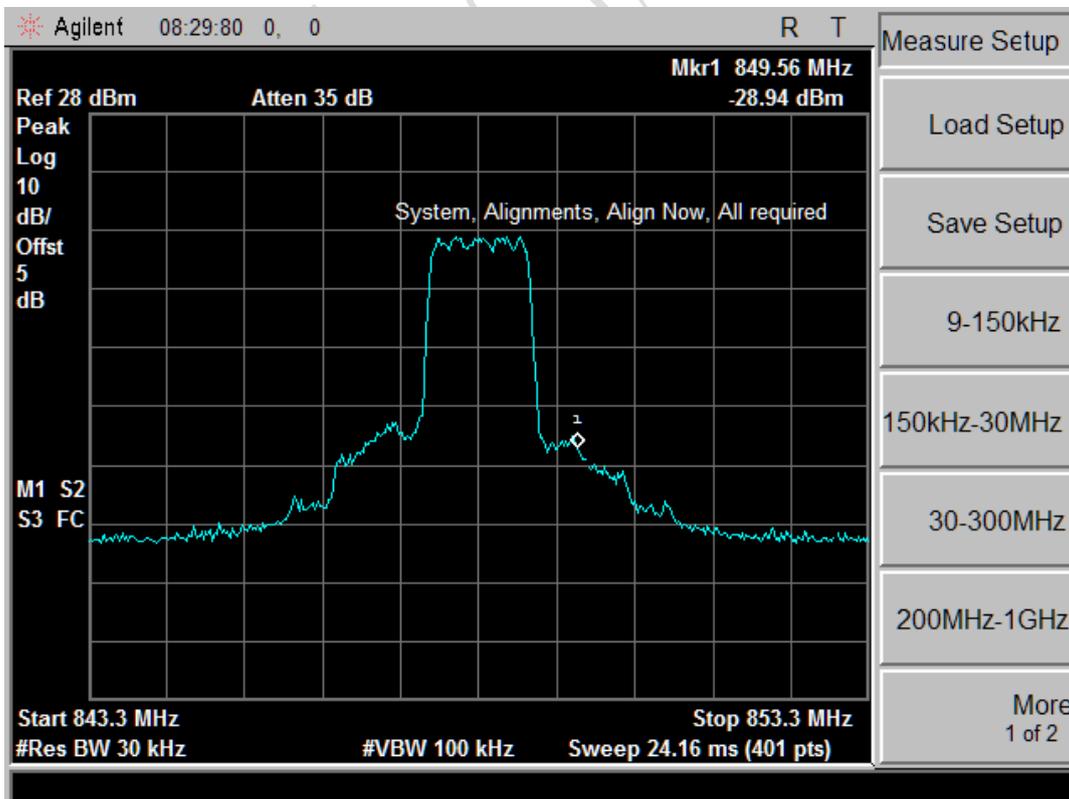
Channel 1013 Left band edge (RC 1)



Channel 1013 Left band edge (RC 3)



Channel 777 Right band edge (RC 1)



Channel 777 Right band edge (RC 3)

## Annex A External Photos



Front view



Back view



Top view



Bottom view

FCC Parts 2, 22  
Equipment: ZTE-C S300

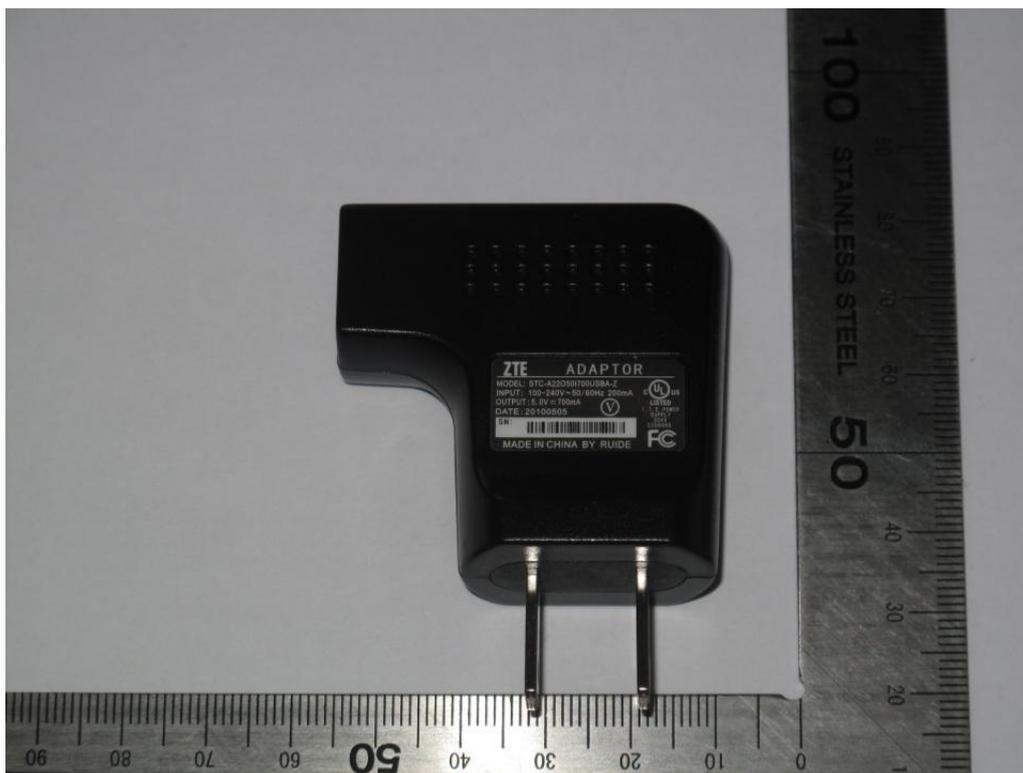
REPORT NO.: I11GC0118-FCC-RF-1



Right view



Left view



Adaptor



Cable



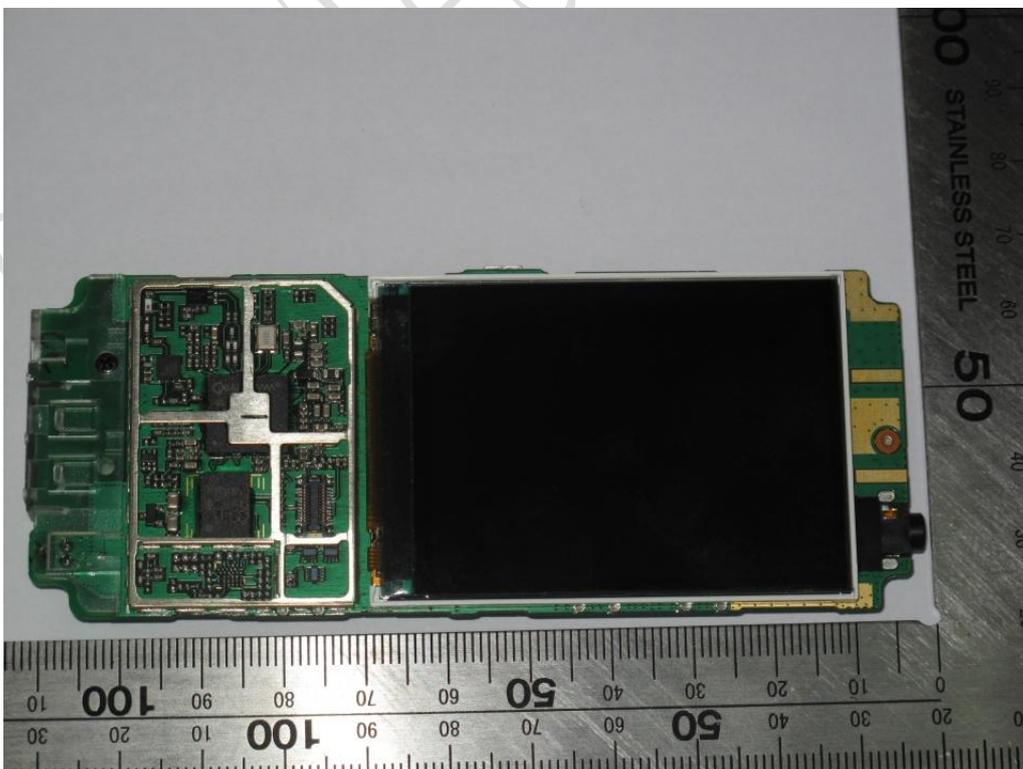
Battery

CTTL TEST

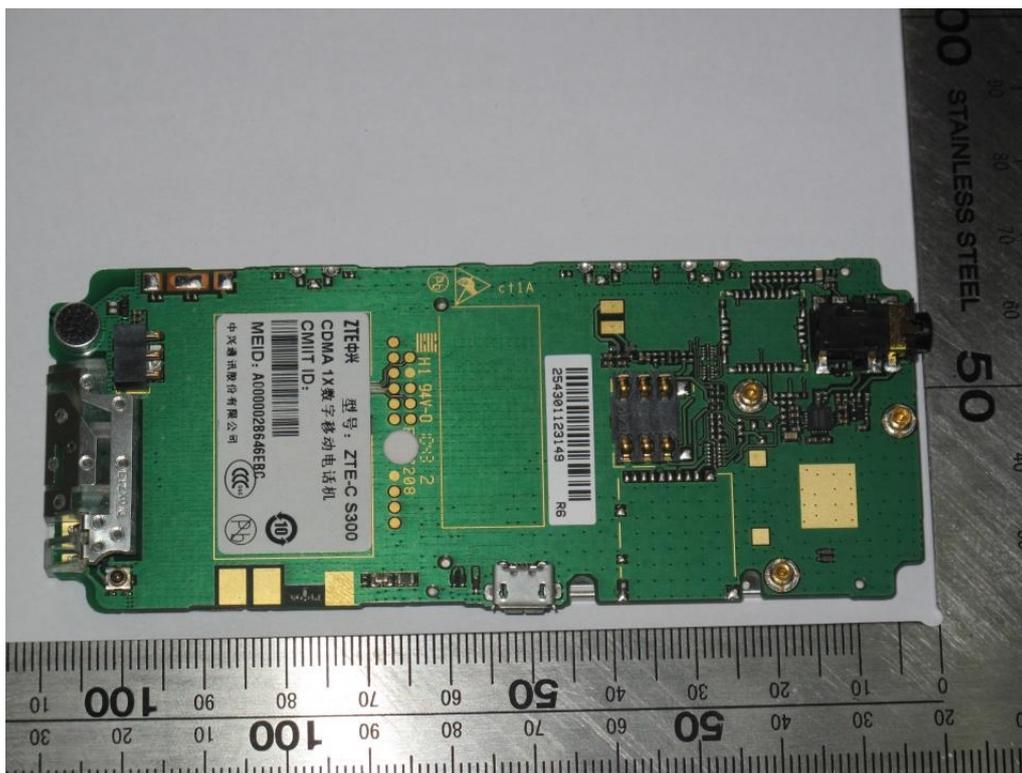
## Annex B Internal Photos



Cover off photo

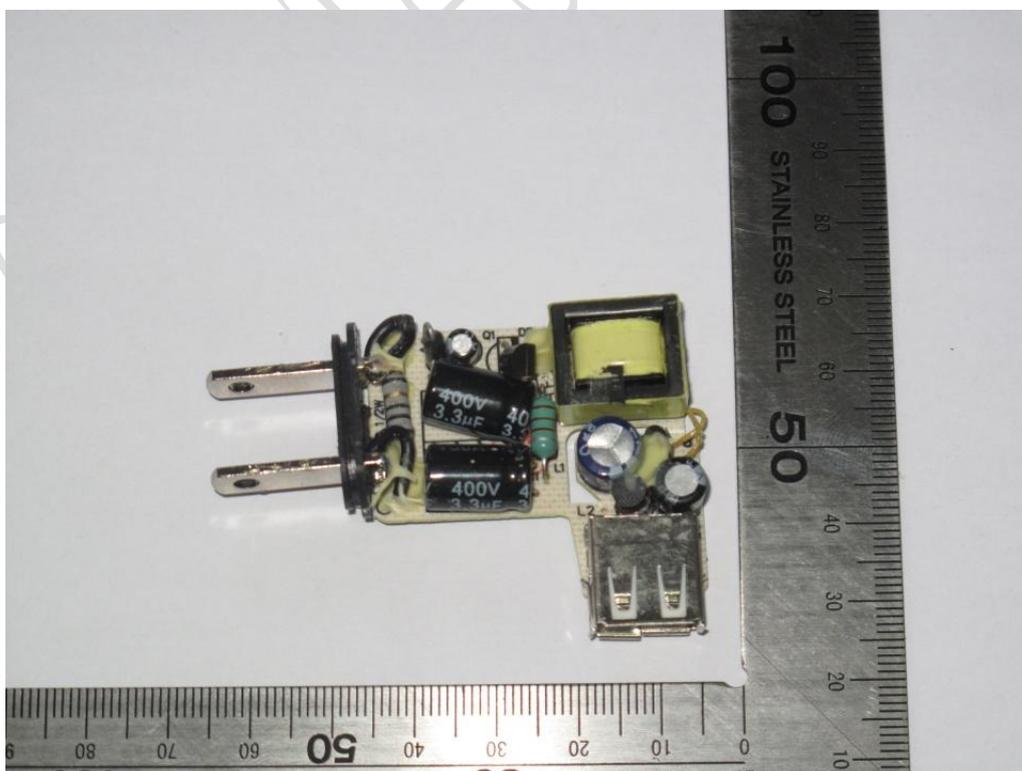


Main board (face)

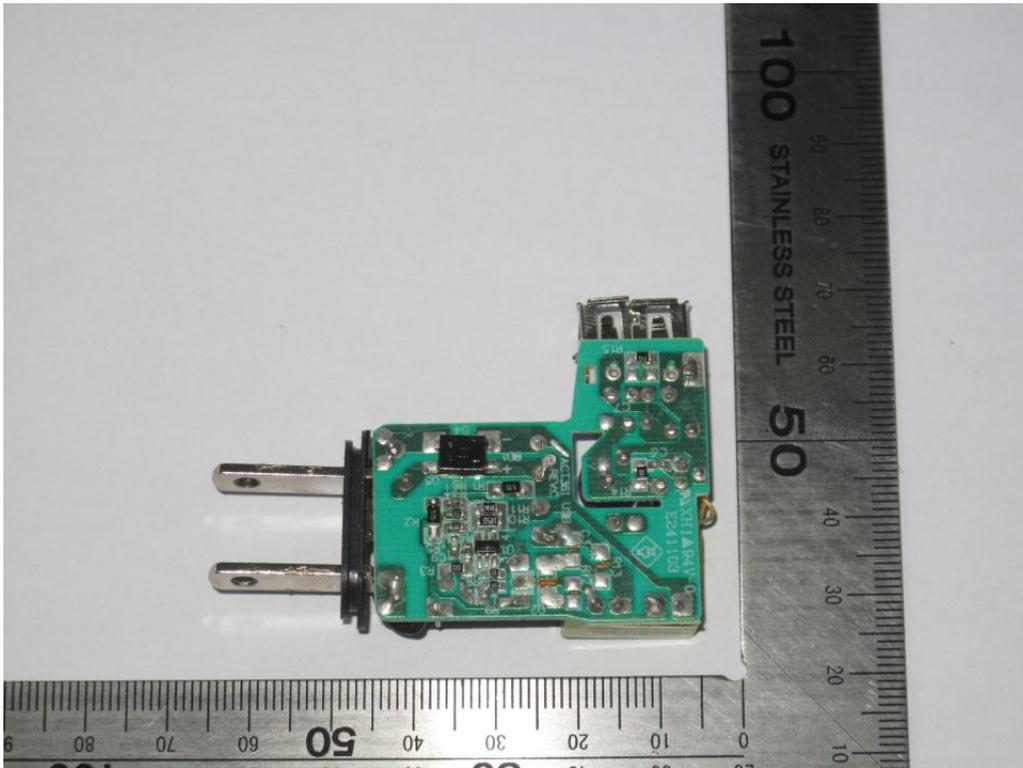


Main board (back)

Note: Antenna is located on the left edge of the above photo. The antenna is on the bottom of the EUT.



Adaptor (face)



Adaptor (back)

## ANNEX C Deviations from Prescribed Test Methods

No deviation from Prescribed Test Methods.

———— The End of this Report ————