



HCT CO., LTD

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## EMI REPORT (DoC)

**Applicant:**

ZTE CORPORATION

ZTE PLAZA Hi-tech Park, Nanshan District,  
Shenzhen Guangdong 518057, China

**Date of Issue:** March 04, 2011

**Test Report No.:** HCTE1103FE03

**Test Site:** HCT CO., LTD.

**HCT FRN:** 0005-8664-21

**FCC ID:**

**Q78-A415**

Rule Part(s) / Standard(s) : FCC PART 15 Subpart B  
Equipment Type : Tri-Band CDMA Phone with Bluetooth (CDMA/PCS CDMA/AWS CDMA)  
Model(s) Name : A415  
Port / Connector(s) : DC IN Port / Headset Port / USB Data Port

The device bearing the trade name and model specified above, has been shown to comply with the applicable technical standards as indicated in the measurement report and was tested in accordance with the measurement procedures specified in ANSI C63.4-2003. (See Test Report if any modifications were made for compliance)

I attest to the accuracy of data. All measurements reported herein were performed by me or were made under my supervision and are correct to the best of my knowledge and belief. I assume full responsibility for the completeness of these measurements and vouch for the qualifications of all persons taking them.

**Report prepared by**  
**: Doo Hwan Ryu**  
**Test Engineer of EMC Team**

**Approved by**  
**: Sang Jun Lee**  
**Manager of EMC Team**

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## 1. GENERAL INFORMATION

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### 1.1 Product Description

Equipment Under Test (E.U.T) is **Tri-Band CDMA Phone with Bluetooth(CDMA/PCS CDMA/AWS CDMA)**, **Model: A415** manufactured by **ZTE CORPORATION**. Its basic purpose is used for communications.

<b>Model</b>	A415
<b>FCC ID</b>	Q78-A415
<b>E.U.T Type</b>	Tri-Band CDMA Phone with Bluetooth (CDMA/PCS CDMA/AWS CDMA)
<b>TX Frequency</b>	824.70 MHz to 848.31 MHz (CDMA 835) 1 851.25 MHz to 1 908.75 MHz (CDMA 1 900)
<b>RX Frequency</b>	869.70 MHz to 893.31 MHz (CDMA 835) 1 931.25 MHz to 1 988.75 MHz (CDMA 1 900)

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

Original submittal only.

### 1.3 Tested System Details

All equipment descriptions used in the tested system (including inserted cards) are:

Device Type	Manufacturer	Model Number/ Serial Number	FCC ID / DoC	Connected To
Tri-Band CDMA Phone with Bluetooth (CDMA/PCSCDMA /AWSCDMA)	ZTE Corporation	A415	Q78-A415	Notebook PC (or) TA
Travel adaptor	ZTE Corporation	STC-A22050M5-C	-	E.U.T
Notebook PC	LG	X140-02 009QTAF022208	DoC	E.U.T
Notebook PC adaptor	DELTA (JIANG SU)	ADP-40PH AD EAY60725501	-	Notebook PC
Mouse	Microsoft	Intellimouse optical USB and PS/2 compatible /3902B008	DoC	Notebook PC
USB cable	-	-	-	E.U.T Notebook PC
Headset	-	-	-	E.U.T
SD card (2 GB)	SANDISK	-	-	E.U.T

### 1.4 Cable Description

Product Name	Port	Power Cord Shielded (Y/N)	I/O Cable Shielded(Y/N)	Length (m)
Tri-Band CDMA Phone with Bluetooth (CDMA/PCS CDMA /AWS CDMA)	DC in	N	-	(P)1.2
	Headset jack	-	N	(D)1.0
	USB data	Y	Y	(P,D)1.2
Notebook PC	USB (Mouse)	-	Y	(D)1.8

\* The marked "(D)" means the data cable and "(P)" means the power cable.

### 1.5 Noise Suppression Parts on Cable. (I/O cable)

Product Name	Port	Ferrite Bead (Y/N)	Location	Metal Hood (Y/N)	Location
Tri-Band CDMA Phone with Bluetooth (CDMA/PCS CDMA /AWS CDMA)	DC in	N	-	Y	E.U.T end
	Headset jack	N	-	Y	E.U.T end
	USB data	N	-	Y	Both end
Notebook PC	USB (Mouse)	Y	Notebook PC End	Y	Notebook PC End

## 1.6 Test Methodology

Both Conducted and Radiated testing was performed according to the procedures in ANSI C63.4/2003. Radiated testing was performed at an antenna to E.U.T distance of 3 m

## 1.7 Test Facility

The 10 m semi anechoic chamber used to collect the radiated data is located at the 105-1, Jangam-Ri, Majang-Myeon, Icheon-Si, Kyongki-Do, South Korea, and the conducted measurement facility used to measure the conducted data are located at San 136-1, Ami-Ri Bubal-Eup, Icheon-Si, Kyongki-Do, 467-701, South Korea. Those measurement facilities are constructed in conformance with the requirements of ANSI C63.4 and CISPR Publication 22. Detailed description of test facilities was submitted to the Commission and accepted dated Sep. 03, 2010 (Registration Number: 90661)

## 1.8 Frequency Range of Radiated Measurements

An unintentional radiator, including a digital device, the spectrum shall be investigated from the lowest radio frequency signal generated or used in the device, without going below the lowest frequency for which a Radiated Emission limit is specified, up to the frequency shown in the following table

Highest frequency generated or used in the device or on which the device operates or tunes (MHz)	Upper frequency of measurement range (MHz)
Below 1.705	30
1.705 to 108	1 000
108 to 500	2 000
500 to 1 000	5 000
Above 1 000	5 <sup>th</sup> harmonic of the highest frequency or 40 GHz, whichever is lower

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## 2. SYSTEM TEST CONFIGURATION

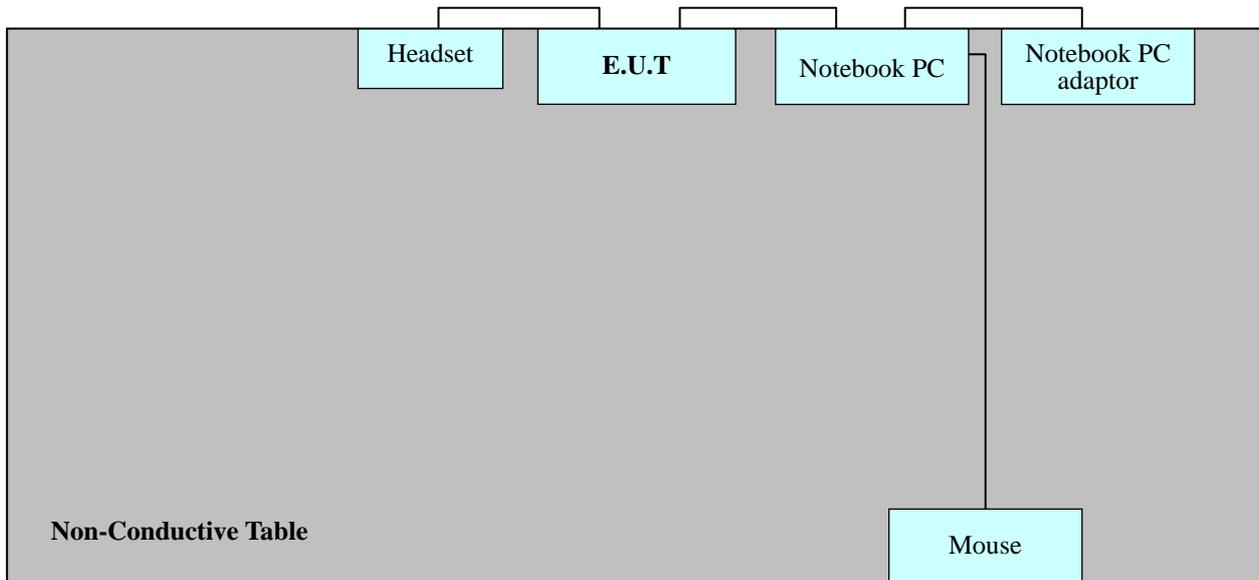
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### 2.1 Configuration of Test System

Power Line Conducted test : E.U.T was connected to LISN via Notebook PC adaptor.  
Preliminary Power Line Conducted Emission tests were performed by using the procedure in ANSI C63.4/2003 7.2.3 to determine the worst operating conditions.

Radiated Emission test : Preliminary Radiated Emission tests were performed by using the procedure in ANSI C63.4/2003 8.3.1.1 to determine the worst operating condition. Final Radiated Emission tests were performed at 3 m semi anechoic chamber.

[Configuration of Tested System]



Power Line: 110 VAC

### **3. PRELIMINARY TEST**

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#### **3.1 Conducted Emission Test**

During preliminary tests, the following operating mode was investigated:

**Operation Mode:**  Data Communication  
 MP3  
 Camera

#### **3. 2 Radiated Emission Test**

During preliminary tests, the following operating mode was investigated:

**Operation Mode:**  Data Communication  
 MP3  
 Camera

## **4. CONDUCTED AND RADIATED EMISSION TEST SUMMARY**

### **4.1 Conducted Emission Test**

The following table shows the highest levels of conducted emissions on both polarization of hot and neutral line.

Limit apply to	: FCC PART 15 Subpart B Class B
Detector	: Quasi-Peak, Average (6 dB Bandwidth: 9 kHz)
Temperature	: 24.3 °C
Humidity level	: 41.1 %
Test date	: March 04, 2011

※ **NOTE:** Refer to page 10 to page 21 for details.

**a. Data Communication Mode**

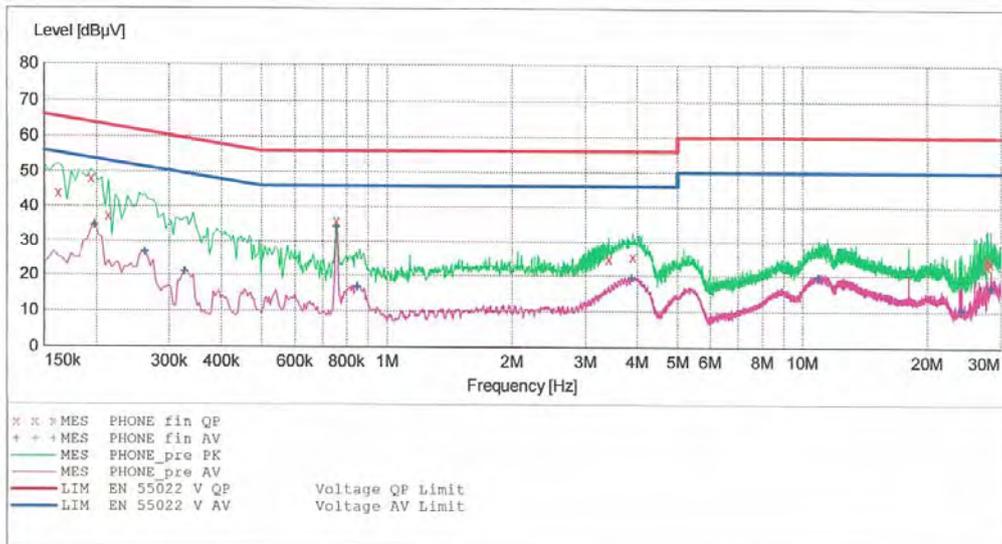
**HCT**

**EMC**

EUT: A415  
 Manufacturer: ZTE  
 Operating Condition: DATA MODE  
 Test Site: SHIELD ROOM  
 Operator: DH-RYU  
 Test Specification: FCC PART 15 CLASS B  
 Comment: H

**SCAN TABLE: "FCC PART 15 CLASS B"**

Short Description:			FCC PART 15 CLASS B				Transducer
Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.		
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None	
			Average				



**MEASUREMENT RESULT: "PHONE\_fin QP"**

3/4/2011 9:02AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.162010	43.90	10.1	65	21.5	---	---
0.194010	48.10	10.1	64	15.7	---	---
0.214010	37.40	10.1	63	25.7	---	---
0.756000	35.90	10.1	56	20.1	---	---
3.412000	24.90	10.4	56	31.1	---	---
3.908000	25.50	10.4	56	30.5	---	---
27.740000	23.30	12.0	60	36.7	---	---
27.884000	24.80	12.0	60	35.2	---	---
28.320000	24.00	12.1	60	36.0	---	---

**MEASUREMENT RESULT: "PHONE\_fin AV"**

3/4/2011 9:02AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.198010	34.50	10.1	54	19.2	---	---
0.262010	26.70	10.1	51	24.6	---	---
0.326010	21.00	10.1	50	28.6	---	---
0.756000	34.20	10.1	46	11.8	---	---
0.848000	16.80	10.2	46	29.2	---	---
3.872000	19.50	10.4	46	26.5	---	---
10.908000	19.70	10.9	50	30.3	---	---
24.176000	10.50	11.8	50	39.5	---	---
28.508000	16.90	12.1	50	33.1	---	---

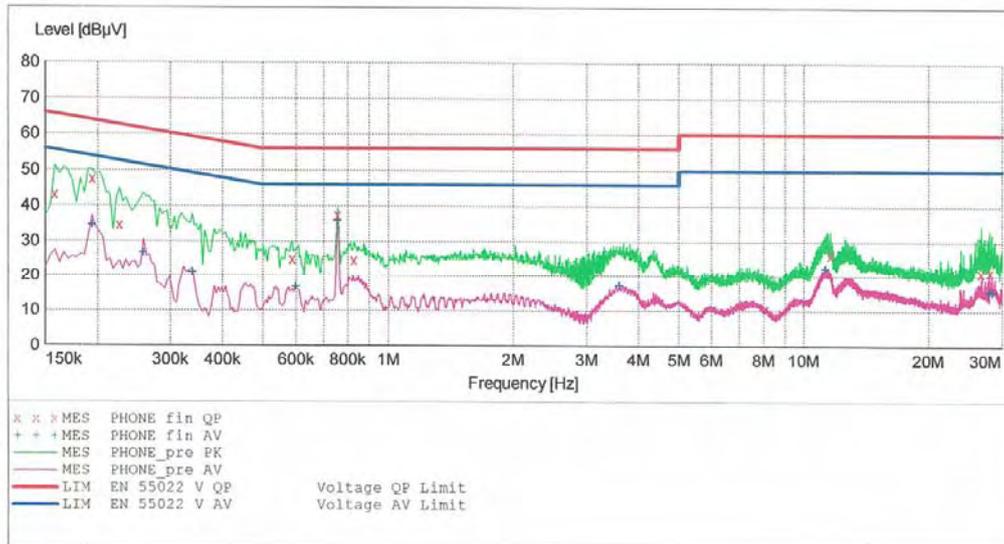
**HCT**

**EMC**

EUT: A415  
 Manufacturer: ZTE  
 Operating Condition: DATA MODE  
 Test Site: SHIELD ROOM  
 Operator: DH-RYU  
 Test Specification: FCC PART 15 CLASS B  
 Comment: N

**SCAN TABLE: "FCC PART 15 CLASS B"**

Start Frequency	Stop Frequency	Step Width	FCC PART 15 CLASS B Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			



**MEASUREMENT RESULT: "PHONE\_fin QP"**

3/4/2011 9:05AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.158010	43.30	10.1	66	22.3	---	---
0.194010	47.60	10.1	64	16.3	---	---
0.226010	34.80	10.1	63	27.8	---	---
0.588000	25.00	10.1	56	31.0	---	---
0.756000	37.60	10.1	56	18.4	---	---
0.828000	24.70	10.2	56	31.3	---	---
11.592000	26.30	10.9	60	33.7	---	---
26.756000	21.10	12.0	60	38.9	---	---
27.972000	21.40	12.0	60	38.6	---	---

**MEASUREMENT RESULT: "PHONE\_fin AV"**

3/4/2011 9:05AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.194010	34.60	10.1	54	19.3	---	---
0.258010	26.70	10.1	52	24.8	---	---
0.338010	21.20	10.1	49	28.1	---	---
0.600000	16.90	10.1	46	29.1	---	---
0.756000	35.90	10.1	46	10.1	---	---
3.596000	17.30	10.4	46	28.7	---	---
11.280000	22.40	10.9	50	27.6	---	---
27.924000	15.60	12.0	50	34.4	---	---
28.408000	15.40	12.1	50	34.6	---	---

**b. Camera Mode**

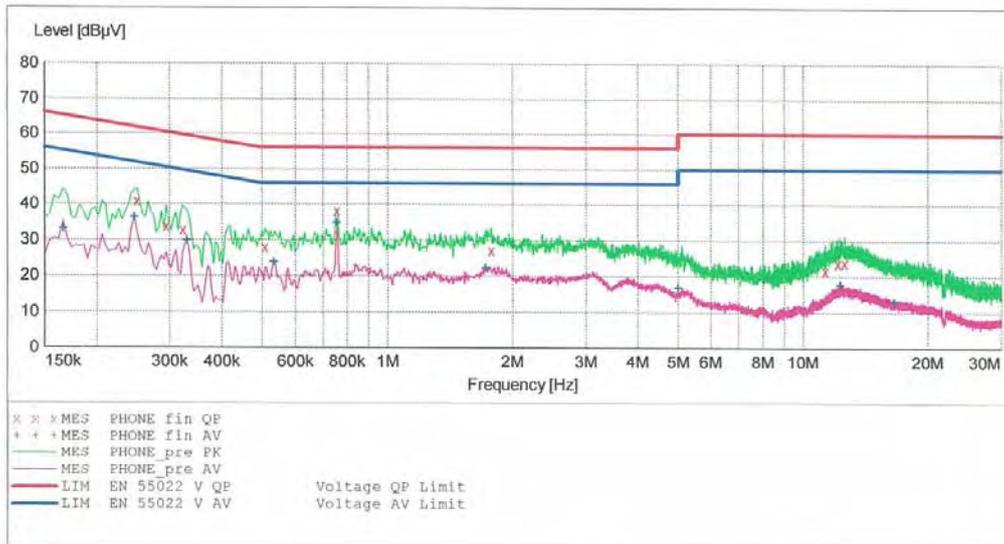
HCT

EMC

EUT: A415  
 Manufacturer: ZTE  
 Operating Condition: CAMERA MODE  
 Test Site: SHIELD ROOM  
 Operator: DH-RYU  
 Test Specification: FCC PART 15 CLASS B  
 Comment: H

**SCAN TABLE: "FCC PART 15 CLASS B"**

Start Frequency	Stop Frequency	Step Width	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
500.0 kHz	5.0 MHz	4.0 kHz	Average	10.0 ms	9 kHz	None
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			



**MEASUREMENT RESULT: "PHONE\_fin\_QP"**

3/4/2011 9:21AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.250010	40.90	10.1	62	20.9	---	---
0.294010	33.70	10.1	60	26.7	---	---
0.322010	32.80	10.1	60	26.8	---	---
0.508000	28.00	10.1	56	28.0	---	---
0.756000	38.20	10.1	56	17.8	---	---
1.776000	27.00	10.2	56	29.0	---	---
11.308000	21.70	10.9	60	38.3	---	---
12.120000	23.70	11.0	60	36.3	---	---
12.580000	23.90	11.0	60	36.1	---	---

**MEASUREMENT RESULT: "PHONE\_fin AV"**

3/4/2011 9:21AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.166010	33.10	10.1	55	22.1	---	---
0.246010	36.30	10.1	52	15.6	---	---
0.330010	29.80	10.1	50	19.7	---	---
0.532000	23.90	10.1	46	22.1	---	---
0.756000	34.70	10.1	46	11.3	---	---
1.724000	22.20	10.2	46	23.8	---	---
5.000000	16.90	10.5	46	29.1	---	---
12.288000	17.70	11.0	50	32.3	---	---
16.584000	13.10	11.3	50	36.9	---	---

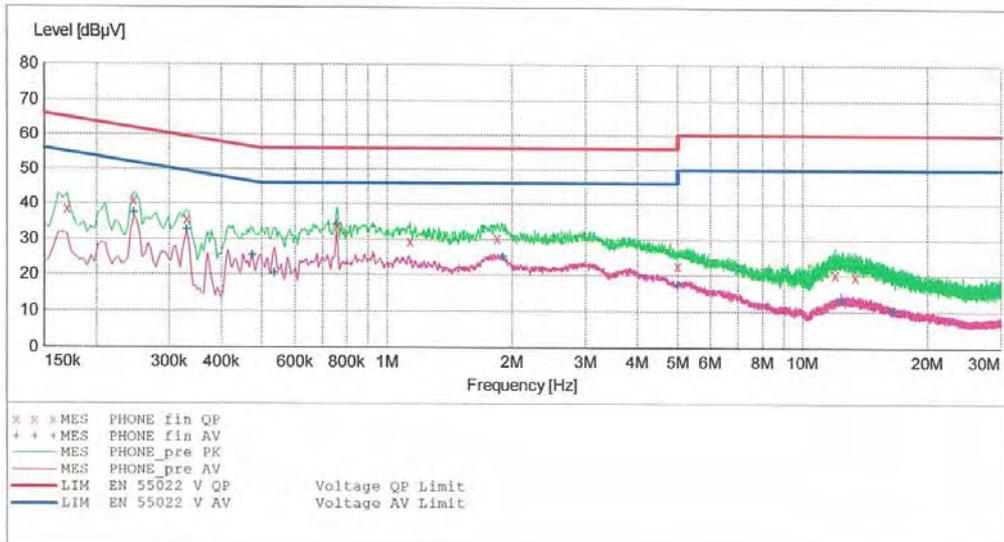
**HCT**

**EMC**

EUT: A415  
 Manufacturer: ZTE  
 Operating Condition: CAMERA MODE  
 Test Site: SHIELD ROOM  
 Operator: DH-RYU  
 Test Specification: FCC PART 15 CLASS B  
 Comment: N

**SCAN TABLE: "FCC PART 15 CLASS B"**

Start Frequency	Stop Frequency	Step Width	FCC PART 15 Detector	CLASS B Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
500.0 kHz	5.0 MHz	4.0 kHz	Average	10.0 ms	9 kHz	None
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			



**MEASUREMENT RESULT: "PHONE\_fin\_QP"**

3/4/2011 9:18AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.170010	38.60	10.1	65	26.4	---	---
0.246010	41.00	10.1	62	20.9	---	---
0.330010	35.70	10.1	60	23.8	---	---
0.760000	33.90	10.1	56	22.1	---	---
1.136000	29.50	10.2	56	26.5	---	---
1.844000	30.50	10.2	56	25.5	---	---
5.000000	22.70	10.5	56	33.3	---	---
11.980000	20.30	10.9	60	39.7	---	---
13.392000	19.80	11.0	60	40.2	---	---

**MEASUREMENT RESULT: "PHONE\_fin AV"**

3/4/2011 9:18AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.246010	37.30	10.1	52	14.6	---	---
0.330010	32.60	10.1	50	16.8	---	---
0.474010	25.40	10.1	46	21.0	---	---
0.536000	20.50	10.1	46	25.5	---	---
0.756000	34.20	10.1	46	11.8	---	---
1.896000	25.20	10.3	46	20.8	---	---
5.000000	17.50	10.5	46	28.5	---	---
12.376000	13.00	11.0	50	37.0	---	---
16.620000	10.30	11.3	50	39.7	---	---

**c. MP3 Mode**

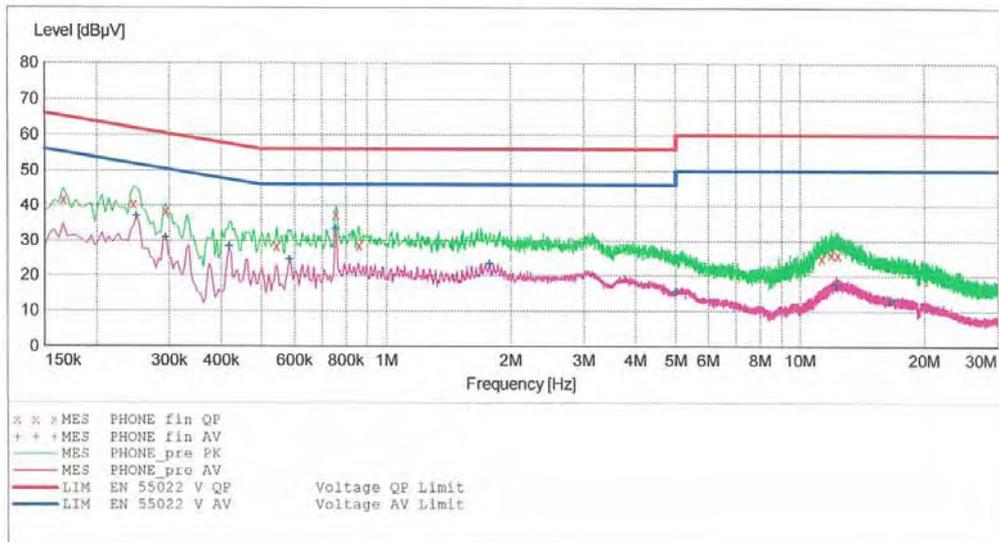
**HCT**

**EMC**

EUT: A415  
 Manufacturer: ZTE  
 Operating Condition: MP3 MODE  
 Test Site: SHIELD ROOM  
 Operator: DH-RYU  
 Test Specification: FCC PART 15 CLASS B  
 Comment: H

**SCAN TABLE: "FCC PART 15 CLASS B"**

Start	Stop	Step	Detector	Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
500.0 kHz	5.0 MHz	4.0 kHz	Average	10.0 ms	9 kHz	None
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			



**MEASUREMENT RESULT: "PHONE\_fin QP"**

3/4/2011 9:25AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.166010	41.80	10.1	65	23.4	---	---
0.246010	40.50	10.1	62	21.4	---	---
0.294010	38.40	10.1	60	22.1	---	---
0.544000	28.50	10.1	56	27.5	---	---
0.756000	37.50	10.1	56	18.5	---	---
0.860000	28.70	10.2	56	27.3	---	---
11.280000	25.10	10.9	60	34.9	---	---
11.888000	26.20	10.9	60	33.8	---	---
12.304000	26.10	11.0	60	33.9	---	---

**MEASUREMENT RESULT: "PHONE\_fin AV"**

3/4/2011 9:25AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.250010	37.00	10.1	52	14.8	---	---
0.294010	30.90	10.1	50	19.6	---	---
0.418010	28.40	10.1	48	19.1	---	---
0.584000	24.60	10.1	46	21.4	---	---
0.756000	33.50	10.1	46	12.5	---	---
1.776000	23.50	10.2	46	22.5	---	---
5.000000	15.40	10.5	46	30.6	---	---
12.208000	17.50	11.0	50	32.5	---	---
16.576000	12.80	11.3	50	37.2	---	---

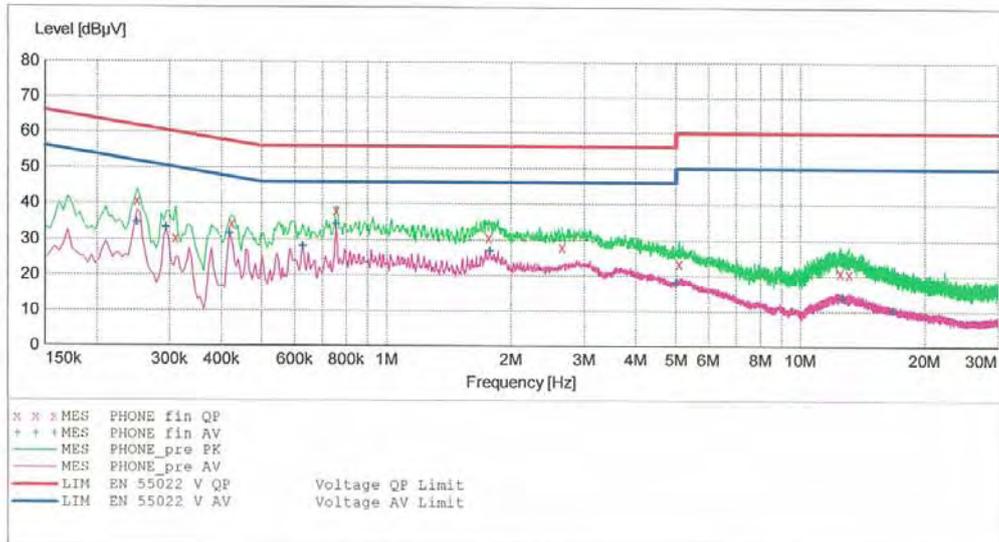
**HCT**

**EMC**

EUT: A415  
 Manufacturer: ZTE  
 Operating Condition: MP3 MODE  
 Test Site: SHIELD ROOM  
 Operator: DH-RYU  
 Test Specification: FCC PART 15 CLASS B  
 Comment: N

**SCAN TABLE: "FCC PART 15 CLASS B"**

Start Frequency	Stop Frequency	Step Width	FCC PART 15 Detector	CLASS B Meas. Time	IF Bandw.	Transducer
150.0 kHz	500.0 kHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
500.0 kHz	5.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			
5.0 MHz	30.0 MHz	4.0 kHz	MaxPeak	10.0 ms	9 kHz	None
			Average			



**MEASUREMENT RESULT: "PHONE\_fin QP"**

3/4/2011 9:28AM

Frequency MHz	Level dBµV	Transd dB	Limit dBµV	Margin dB	Line	PE
0.250010	40.70	10.1	62	21.0	---	---
0.310010	30.40	10.1	60	29.6	---	---
0.422010	34.40	10.1	57	23.0	---	---
0.756000	38.20	10.1	56	17.8	---	---
1.768000	30.70	10.2	56	25.3	---	---
2.660000	28.10	10.3	56	27.9	---	---
5.084000	23.60	10.5	60	36.4	---	---
12.496000	21.20	11.0	60	38.8	---	---
13.128000	20.80	11.0	60	39.2	---	---

**MEASUREMENT RESULT: "PHONE\_fin AV"**

3/4/2011 9:28AM

Frequency MHz	Level dBμV	Transd dB	Limit dBμV	Margin dB	Line	PE
0.250010	34.60	10.1	52	17.1	---	---
0.294010	33.30	10.1	50	17.1	---	---
0.418010	31.60	10.1	48	15.9	---	---
0.628000	28.30	10.1	46	17.7	---	---
0.756000	34.30	10.1	46	11.7	---	---
1.776000	26.90	10.2	46	19.1	---	---
5.000000	18.10	10.5	46	27.9	---	---
12.672000	14.00	11.0	50	36.0	---	---
16.752000	10.20	11.3	50	39.8	---	---

## 4.2 Radiated Emission Test

The following table shows the highest levels of Radiated Emissions on both polarization of horizontal and vertical.

Limit apply to : FCC PART 15 Subpart B Class B  
 Detector : Quasi-Peak (6 dB Bandwidth: 120 kHz)  
 Temperature : 22.5 °C  
 Humidity level : 43.5 %  
 Test date : March 04, 2011

### a. Data Communication Mode

Frequency	Reading	Ant. Factor	Cable Loss	Ant. POL	Total	Limit	Margin
Mhz	dB $\mu$ V	dB/m	dB	(H/V)	dB $\mu$ V/m	dB $\mu$ V/m	dB
36.0	15.8	11.8	0.8	V	28.4	40.0	11.6
44.6	24.8	12.3	0.8	V	37.9	40.0	2.1
48.0	18.8	12.4	0.8	H	32.0	40.0	8.0
259.7	14.5	11.8	2.1	V	28.4	46.0	17.6
383.9	14.6	15.0	2.5	H	32.1	46.0	13.9
948.1	4.9	24.0	4.0	H	32.9	46.0	13.1

### b. MP3 Mode

Frequency	Reading	Ant. Factor	Cable Loss	Ant. POL	Total	Limit	Margin
Mhz	dB $\mu$ V	dB/m	dB	(H/V)	dB $\mu$ V/m	dB $\mu$ V/m	dB
97.9	14.4	8.8	1.3	V	24.5	43.5	19.0

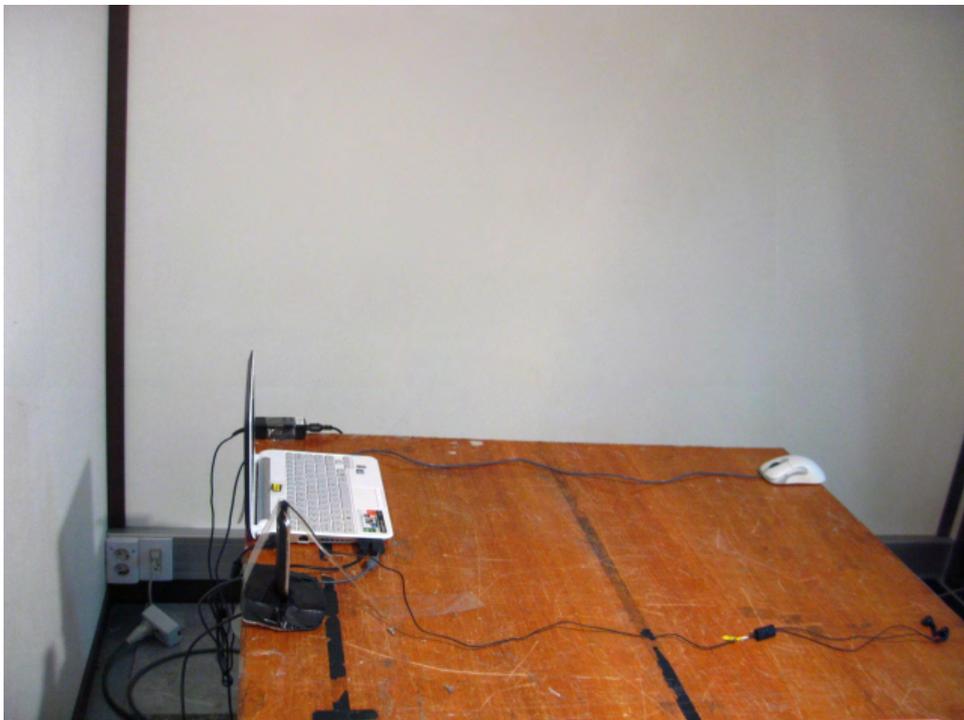
**c. Camera Mode**

Frequency	Reading	Ant. Factor	Cable Loss	Ant. POL	Total	Limit	Margin
MHz	dB $\mu$ V	dB/m	dB	(H/V)	dB $\mu$ V/m	dB $\mu$ V/m	dB
62.5	9.0	11.6	1.0	V	21.6	40.0	18.4
100.3	8.1	9.3	1.3	V	18.7	43.5	24.8
336.0	7.9	13.8	2.3	H	24.0	46.0	22.0
864.0	5.8	22.8	4.1	H	32.7	46.0	13.3

※ **NOTE:** For measurement above 1 GHz, noise level is more than 14 dB below the limit, specified in FCC Part 15.35

## 4.3 Test Setup Photos

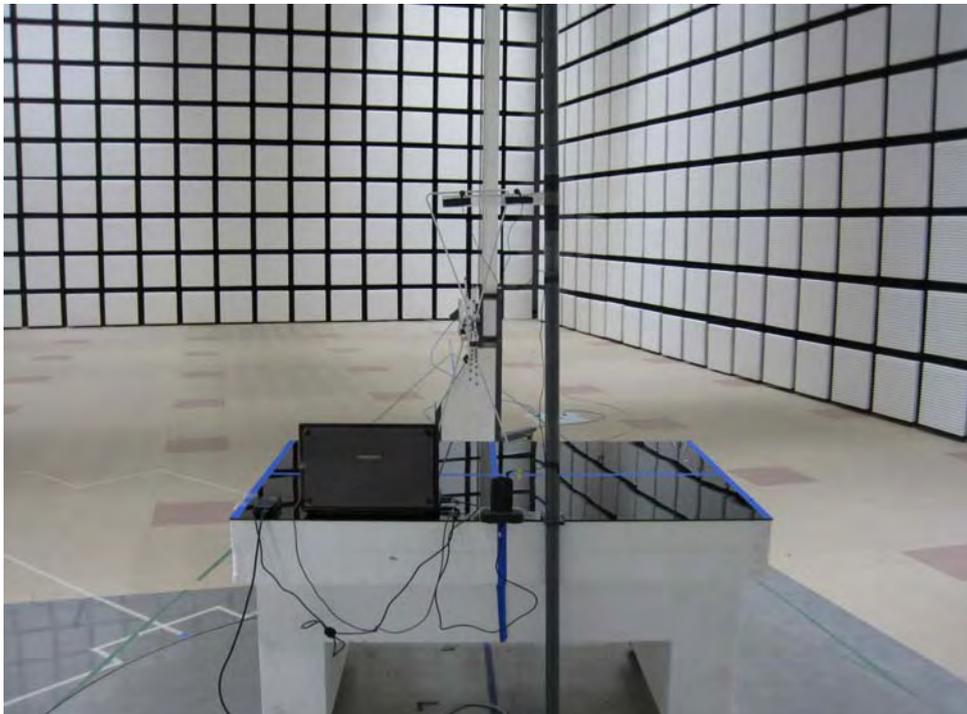
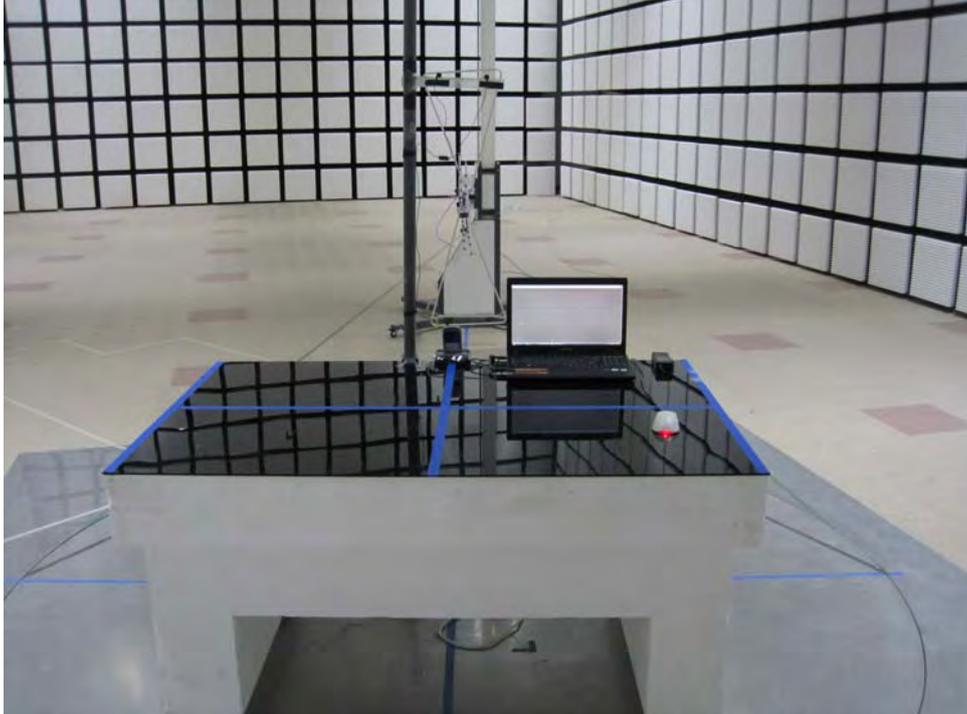
[ Conducted Emission\_ Data Communication Mode ]



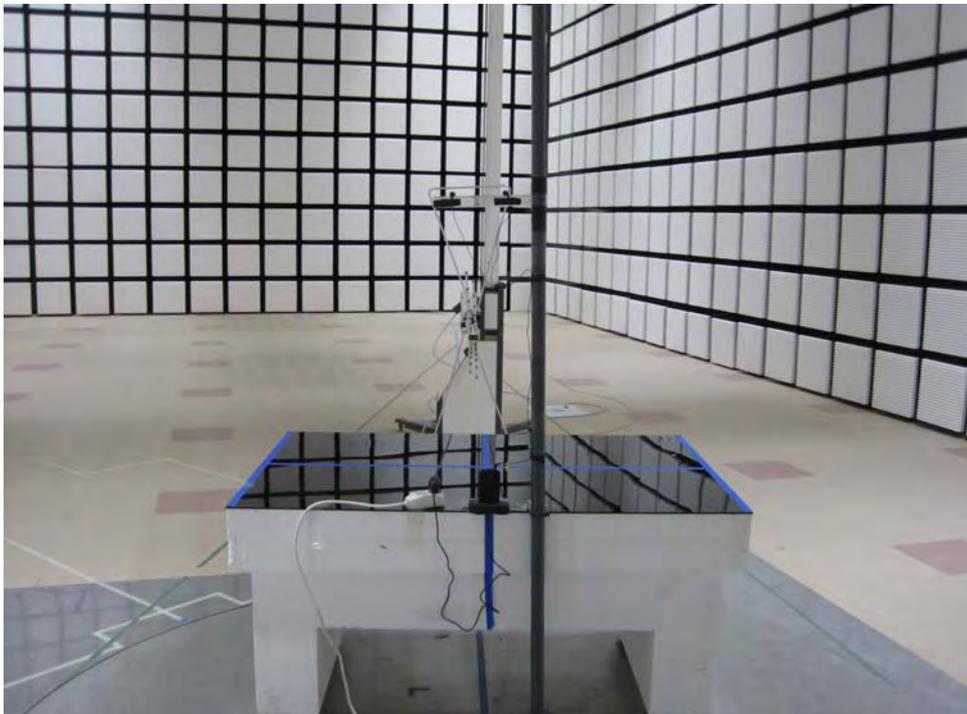
[ **Conducted Emission \_ Camera Mode(TA)** ]



**[ Radiated Emission\_ Data Communication Mode ]**



**[ Radiated Emission \_ Camera Mode ]**



## 5. FIELD STRENGTH CALCULATION

The field strength is calculated by adding the antenna factor and cable factor.

The basic equation with a sample calculation is as follows:

$$FS = RA + AF + CF$$

Where FS = Field Strength

RA = Receiver Amplitude

AF = Antenna Factor

CF = Cable Attenuation Factor

Assume a receiver reading of 21.5 dB $\mu$ V is obtained. The antenna factor of 7.4 dB/m and a cable factor of 1.1 dB are added. The 30 dB $\mu$ V/m value is mathematically converted to its corresponding level in  $\mu$ V/m.

$$FS = 21.5 + 7.4 + 1.1 = 30 \text{ dB}\mu\text{V/m}$$

### [Radiated Emission Limits]

Frequency of Emission (MHz)	Field Strength	
	$\mu$ V/m	dB $\mu$ V/m
30 to 88	100	40.0
88 to 216	150	43.5
216 to 960	200	46.0
Above 960	500	54.0

## 6. TEST EQUIPMENT

<u>Type</u>	<u>Manufacturer</u>	<u>Model Number</u>	<u>Serial Number</u>	<u>Next CAL Date</u>
<b><u>Conducted Emission</u></b>				
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESCI	100584	2011.05.28
<input checked="" type="checkbox"/> LISN	Rohde & Schwarz	ESH3-Z5	100282	2012.02.01
<input type="checkbox"/> LISN	Rohde & Schwarz	ENV216	3560.6550.02	2011.04.05
<input checked="" type="checkbox"/> Attenuator	Rohde & Schwarz	ESH3-Z2	357.8810.52	2011.10.25
<b><u>Radiated Emission</u></b>				
<input type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESI40	831564103	2011.10.29
<input checked="" type="checkbox"/> EMI Test Receiver	Rohde & Schwarz	ESU26	100241	2011.09.01
<input checked="" type="checkbox"/> Trilog Antenna	Schwarzbeck	VULB9160	3301	2012.09.13
<input checked="" type="checkbox"/> Antenna master	INNCO Systems	MA4000-EP	MA4000/283	-
<input checked="" type="checkbox"/> Turn Table	INNCO Systems	DT3000-3T	DT3000/69	-
<input checked="" type="checkbox"/> Communication Antenna	Schwarzbeck	USLP9142	9142-248	-
<input type="checkbox"/> RF-Amplifier	MITEQ	AMF-6D-0010 1800-35.20P.PS	-	2011.05.20
<input type="checkbox"/> Base Station	Rohde & Schwarz	CMU 200	1100000802	2012.02.16

## **7. CONCLUSION**

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The data collected shows that the **ZTE CORPORATION, Model: A415, Tri-Band CDMA Phone with Bluetooth(CDMA/PCS CDMA/AWS CDMA), FCC ID: Q78-A415** complies with §15.107 and §15.109 of the FCC rules.