



# FCC RF Test Report

**APPLICANT** : LG Electronics Mobile Comm USA  
**EQUIPMENT** : Smart phone  
**BRAND NAME** : LG  
**MODEL NAME** : LG-X240YK  
**FCC ID** : ZNFX240YK  
**STANDARD** : FCC Part 15 Subpart C §15.247  
**CLASSIFICATION** : (DTS) Digital Transmission System

The product was received on Dec. 10, 2016. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures and has been in compliance with the applicable technical standards.

The test results in this report apply exclusively to the tested model / sample. Without written approval of SPORTON INTERNATIONAL INC., the test report shall not be reproduced except in full.

Reviewed by: Joseph Lin / Supervisor

Approved by: Jones Tsai / Manager



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FCC ID : ZNFX240YK

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# TABLE OF CONTENTS

REVISION HISTORY..... 3

1 GENERAL DESCRIPTION ..... 4

    1.1 Applicant ..... 4

    1.2 Manufacturer..... 4

    1.3 Product Feature of Equipment Under Test..... 4

    1.4 Re-use of Measured Data ..... 5

    1.5 Modification of EUT ..... 5

APPENDIX A. ORIGINAL REPORT





# 1 General Description

## 1.1 Applicant

**LG Electronics Mobile Comm USA**

LG Twin Towers 20, Yeouido-Dong Youngdeungpo-Gu, Seoul 150-721, Republic Of Korea

## 1.2 Manufacturer

**Arima Communications Corp.**

6F, No. 866, Jhongjheng Rd., Jhonghe Dist., New Taipei City 23586, Taiwan

## 1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Smart phone
Brand Name	LG
Model Name	LG-X240YK
FCC ID	ZNFX240YK
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE WLAN 11b/g/n HT20/HT40 Bluetooth BR/EDR/LE
HW Version	Rev. 1.0
SW Version	LGX240YKAT-00-V08a-CIS-XX-NOV-17-2016+0
EUT Stage	Production Unit

**Remark:** The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.

Specification of Accessory		
AC Adapter	Brand Name	Sunlin
	Model Name	EAY62751604 (MCS-02AR2_W)
Battery	Brand Name	LG
	Model Name	EAC63382101 (BL-45F1F)
Earphone	Brand Name	Cresyn
	Model Name	EAB64468401 (EMB-LGE41STGWA)
USB Cable	Brand Name	KSD
	Model Name	EAD62377922 (DC03WK-G)



## **1.4 Re-use of Measured Data**

### **1.4.1 Introduction Section**

The original model (FCC ID: ZNFX240H) and the variant model (FCC ID: ZNFX240YK) has identical PCB layout, antenna, SW implementation for Bluetooth/Wi-Fi. Based on their similarity, the FCC Part 15C (equipment class: DTS, DSS) test data issued for original model also apply for the variant model.

And the applicant takes full responsibility that the test data as referenced in this report represent compliance for this FCC ID (FCC ID : ZNFX240YK).

### **1.4.2 Difference Section**

Please refer to Spot Check Evaluation.

### **1.4.3 Spot Check Verification Data Section**

Please refer to Spot Check Evaluation.

### **1.4.4 Reference detail Section:**

Please refer to Spot Check Evaluation.

## **1.5 Modification of EUT**

No modifications are made to the EUT during all test items.



## **Appendix A. Original Report**

Please refer to Sporton report number FR6O1802C.