



# FCC RF Test Report

APPLICANT : Motorola Mobility LLC.  
EQUIPMENT : Mobile Cellular Phone  
BRAND NAME : Motorola  
MODEL NAME : 7975  
FCC ID : IHDT56VD1  
STANDARD : FCC 47 CFR Part 2, 22(H), 24(E), 27(L)  
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)

This is a variant report which is only valid together with the original test report. The product was received on Apr. 29, 2016. We, SPORTON INTERNATIONAL INC., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI / TIA / EIA-603-D-2010 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 : IHDT56VD1

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## APPENDIX A. ORIGINAL REPORT





# 1 General Description

## 1.1 Applicant

Motorola Mobility LLC.  
222 W. Merchandise Mart Plaza, Chicago IL 60654 USA

## 1.2 Manufacturer

Motorola Mobility LLC.  
222 W. Merchandise Mart Plaza, Chicago IL 60654 USA

## 1.3 Product Feature of Equipment Under Test

Product Feature	
Equipment	Mobile Cellular Phone
Brand Name	Motorola
Model Name	7975
FCC ID	IHDT56VD1
EUT supports Radios application	GSM/EGPRS/WCDMA/HSPA/LTE/FM WLAN 11b/g/n HT20 Bluetooth v3.0 EDR Bluetooth v4.1 LE
HW Version	DVT2-A
SW Version	fastboot_harpia_oem_userdebug_6.0.1_MPI24.223_2173_i ntcfg-test-keys_oem.tar.gz
EUT Stage	Identical Prototype



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

### **1.4.1 Introduction Section**

This application re-uses data collected on a similar device. The subject device of this application (Model 7975, FCC ID IHDT56VD1) is electrically identical to the reference device (Model 7383, FCC ID IHDT56VD4) for the portions of the circuitry corresponding to the data being re-used, as treated by KDB Publication 178919 D01.

### **1.4.2 Difference Section**

For details concerning the similarity with respect to component placement, mechanical/electrical design etc., please refer to the Operational Description.

The re-used RF data includes the following bands provided in Appendix A (Sporton RF Report No. FG651006A for the reference device Model 7383, FCC ID IHDT56VD4):

- GSM850
- GSM1900
- WCDMA Band II
- WCDMA Band IV
- WCDMA Band V

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

In order to confirm hardware similarity of the subject device with the reference device, spot check measurements were performed on the subject device for radiated spurious emission and ERP/EIRP, the test result were consistent with FCC ID IHDT56VD4.

Assertions concerning the similarity of these devices are based on representations by the applicant. The applicant accepts full responsibility for the validity of the similarity claim, and for the determination that verification test data are sufficient to support it.



**1.4.4 Reference detail Section:**

Equipment Class	Reference FCC ID	Folder Test/RF Exposure	Report Title/Section
PCE	IHDT56VD4	Part22H.24E.27(FG651006A)	All sections applicable

**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 FG651006A.