Variant FCC RF Test Report

APPLICANT : Motorola Mobility LLC EQUIPMENT : Mobile Cellular Phone

BRAND NAME: Motorola

MODEL NAME : 9836

FCC ID : IHDT56VE1

STANDARD : FCC Part 15 Subpart E §15.407

CLASSIFICATION: (NII) Unlicensed National Information Infrastructure

This is a variant report which is only valid together with the original test report. This is a data re-used report which is only valid together with the original test report. The product was received on Dec. 10, 2016. We, SPORTON INTERNATIONAL (KUNSHAN) 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 (KUNSHAN) INC., the test report shall not be reproduced except in full.

Prepared by: James Huang / Manager

James Huang

Iac-MRA



Report No.: FR6O1212-10D

Approved by: Jones Tsai / Manager

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SPORTON INTERNATIONAL (KUNSHAN) INC.

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Report Issued Date : Jan. 13, 2017
Report Version : Rev. 01

Report Template No.: BU5-FR15EWL Version 1.4

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APPENDIX A. PRODUCT EQUALITY DECLARATION

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SPORTON INTERNATIONAL (KUNSHAN) INC.

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REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FR6O1212-10D	Rev. 01	This is a variant report for 9836. The product equality declaration could be referred to Appendix A. Based on the similarity between 9836 and 9370, 9842, since the test result is not affected, all the test case re-use data performed on FCC ID: IHDT56VE2 (Sporton Report Number FR6O1212-11D).	Jan. 13, 2017

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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	9836					
FCC ID	IHDT56VE1					
EUT supports Radios application	CDMA/EV-DO/GSM/GPRS/EGPRS/WCDMA/HSPA/ HSPA+(16QAM uplink is not supported)/DC-HSDPA/LTE/ WLAN2.4GHz 802.11b/g/n HT20/ WLAN5GHz 802.11a/n HT20/HT40/ Bluetooth v3.0 + EDR/Bluetooth v4.0 LE Bluetooth v4.2 LE					
HW Version	DVT2					
SW Version	potter_oem_userdebug_7.0_NPN25.124_1787_intcfg-test-key s_oem					
EUT Stage	Identical Prototype					

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

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification					
	5180 MHz ~ 5240 MHz				
Tx/Rx Frequency Range	5260 MHz ~ 5320 MHz				
	5500 MHz ~ 5720 MHz				
Antenna Type	Loop Antenna				
Type of Modulation	802.11a/n: OFDM (BPSK / QPSK / 16QAM / 64QAM)				

1.5 Modification of EUT

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

SPORTON INTERNATIONAL (KUNSHAN) INC.

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1.6 Re-use of Measured Data

1.6.1 Introduction Section

This application re-uses data collected on a similar device. The subject device of this application (Model: 9836, FCC ID: IHDT56VE1) is electrically identical to the reference device (Model: 9370, 9842, FCC ID: IHDT56VE2) for the portions of the circuitry corresponding to the data being re-used, as treated by KDB Publication 178919 D01.

1.6.2 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 B (Sporton RF Report No. FR6O1212-11D for the reference device Model: 9370, 9842, FCC ID: IHDT56VE2):

1.6.3 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, the test result were consistent with FCC ID: IHDT56VE2.

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.

1.6.4 Reference detail Section:

Equipment Class	Reference FCC ID	Folder Test/RF Exposure	Report Title/Section
NII (B1~3)	IHDT56VE2	Part15E(FR6O1212-11D)	All sections applicable
NII (B4)	IHDT56VE2	Part15E(FR6O1212-11E)	All sections applicable

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Appendix A. Product Equality Declaration

 ${\it SPORTON\ INTERNATIONAL\ (KUNSHAN)\ INC.}$

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Appendix B. Reference Report

SPORTON INTERNATIONAL (KUNSHAN) INC.

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