# **FCC RF Test Report**

APPLICANT : Motorola Mobility LLC EQUIPMENT : Mobile Cellular Phone

BRAND NAME : Motorola

MODEL NAME : XT2415-1, XT2415-3, XT2415-5, XT2415V

FCC ID : IHDT56AN5

STANDARD : FCC 47 CFR Part 25

**CLASSIFICATION**: PCS Licensed Transmitter Held to Ear (PCE)

We, Sporton International Inc. (Kunshan), would like to declare that the tested sample has been evaluated in accordance with the procedures given in ANSI C63.26-2015 and shown 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. (Kunshan), the test report shall not be reproduced except in full.

JasonJia

Approved by: Jason Jia





Report No.: FG391202-04

# Sporton International Inc. (Kunshan)

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Sporton International Inc. (Kunshan)

TEL: +86-512-57900158 FCC ID: IHDT56AN5 Page Number : 1 of 6
Report Issued Date : Nov. 25, 2024

Report Version : Rev. 01

#### **TABLE OF CONTENTS**

RE	VISIO	N HISTORY	.3				
	1 GENERAL DESCRIPTION						
		Applicant					
		Manufacturer					
		Product Feature of Equipment Under Test					
		Specification of Accessory					
		Modification of EUT					
	1.6	Applied Standards	. 5				
2		PLEMENTAL COVERAGE FROM SPACE (SCS)					

TEL: +86-512-57900158 FCC ID: IHDT56AN5 Page Number : 2 of 6
Report Issued Date : Nov. 25, 2024

Report No.: FG391202-04

Report Version : Rev. 01

#### **REVISION HISTORY**

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG391202-04	Rev. 01	Initial issue of report	Nov. 25, 2024

#### **Conformity Assessment Condition:**

The test results (PASS/FAIL) with all measurement uncertainty excluded are presented against the regulation limits or in accordance with the requirements stipulated by the applicant/manufacturer who shall bear all the risks of non-compliance that may potentially occur if measurement uncertainty is taken into account.

#### Disclaimer:

The product specifications of the EUT presented in the test report that may affect the test assessments are declared by the manufacturer who shall take full responsibility for the authenticity.

FCC ID : IHDT56AN5

Page Number : 3 of 6
Report Issued Date : Nov. 25, 2024

Report No.: FG391202-04

Report Version : Rev. 01

# 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	XT2415-1, XT2415-3, XT2415-5, XT2415V				
FCC ID	IHDT56AN5				
HW Version	DVT2				
SW Version	U1UD34.16-13				
EUT Stage	Identical Prototype				

Report No.: FG391202-04

Remark: There are four models, the four models are for different markets and no other difference.

#### 1.4 Specification of Accessory

Specification of Accessory						
AC Adapter 1	Brand Name	Motorola(Salcomp)	Model Name	MC-101		
AC Adapter 2	Brand Name	Motorola(Chenyang)	Model Name	MC-101		
AC Adapter 3	Brand Name	Motorola(AOHAI)	Model Name	MC-101		
Battery 1	Brand Name	Motorola (ATL)	Model Name	QA50		
USB Cable 1	Brand Name	Motorola (WASHIN)	Model Name	S928D98335		
USB Cable 2	Brand Name	Motorola (Saibao)	Model Name	S928D98333		
USB Cable 3	Brand Name	Motorola (Saibao)	Model Name	S928D98334		

#### 1.5 Modification of EUT

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

 Sporton International Inc. (Kunshan)
 Page Number
 : 4 of 6

 TEL: +86-512-57900158
 Report Issued Date
 : Nov. 25, 2024

 FCC ID: IHDT56AN5
 Report Version
 : Rev. 01

## 1.6 Applied Standards

According to the specifications of the manufacturer, the EUT must comply with the requirements of the following standards:

Report No.: FG391202-04

- + ANSI C63.26-2015
- FCC 47 CFR Part 2, Part 22H, Part 24E, Part 27, and Part 90R
- FCC KDB 273109 D02 Part 25 SCS and SMRS-Bands v01r01

Remark: All the test items were validated in accordance with the standards without any modification during the testing.

Sporton International Inc. (Kunshan)

Page Number : 5 of 6 TEL: +86-512-57900158 Report Issued Date: Nov. 25, 2024 FCC ID: IHDT56AN5 Report Version : Rev. 01

# 2 Supplemental Coverage from Space (SCS)

Under section § 25.109 (f) of the FCC rules Space and SCS earth stations providing SCS are subject to technical rules in parts 2, 22, 24 and 27 of this chapter based on the operating frequency band. Section § 25.204 (g) specifies that earth stations providing SCS pursuant to §§ 25.125 and 25.115 shall comply with the power requirements and out-of-band emission limits corresponding to device's operating in parts 22, 24, or 27 of this chapter (e.g., §§ 22.913, 24.232, 27.50), as required for their operating frequencies.

Report No.: FG391202-04

The table below identifies the SCS frequencies available for use and, for each band, the applicable FCC Part 22, 24, 27, and 90R technical requirements, the air interfaces supported by the device for SCS use and, in the final column, the reference to the test report containing the relevant test data showing compliance with the technical requirements.

The bands available for SCS and the bans supported by the devise in the scope of this report are:

	Frequency (MHz)					Reference test
Band	DL	UL	Rule Part	3GPP Band	Supported	report showing compliance with 25.204(g)
600MHz	614-652	663-698	27	71/n71	Yes	F02040000
	729-746	699-716	27	12/n12 17	Yes	FG391202C FG391202J FG391202D FG391202L
700MHz	746-756	777-787	27	13	Yes	
	758-769	788-799	90R	14/n14	Yes	FG391202L
	805-806				No	
800MHz	869-894	824-849	22H	WCDMA 5 5/n5 26/n26	Yes	FG391202A FG391202B FG391202J
Broadband PCS	1930-1995	1850-1915	24E	WCDMA 2 2/n2 25/n25	Yes	

**Note:** Test reports are for reference model FCC ID IHDT56AN5. The data is in the test report FG391202A (2G/3G), FG391202B& FG391202C& FG391202D (LTE) and FG391202L & FG391202J (5GNR).

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 Sporton International Inc. (Kunshan)
 Page Number
 : 6 of 6

 TEL: +86-512-57900158
 Report Issued Date
 : Nov. 25, 2024

 FCC ID: IHDT56AN5
 Report Version
 : Rev. 01