

FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Phone
BRAND NAME : Motorola
MODEL NAME : XT2433-2, XT2433-1
FCC ID : IHDT56AS4
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.

Jason Jia

Approved by: Jason Jia



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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 Modification of EUT	4
1.5 Applied Standards	4
1.6 Specification of Accessory.....	5
2 SUPPLEMENTAL COVERAGE FROM SPACE (SCS)	6

REVISION HISTORY

REPORT NO.	VERSION	DESCRIPTION	ISSUED DATE
FG422904-03	Rev. 01	Initial issue of report	Jul. 30, 2025

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/manufacture 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.

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 Phone
Brand Name	Motorola
Model Name	XT2433-2, XT2433-1
FCC ID	IHDT56AS4
HW Version	DVT2
SW Version	VUOA35.72
EUT Stage	Identical Prototype

Remark: The two models are only different for market segment, all the others are same.

1.4 Modification of EUT

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

1.5 Applied Standards

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

- ♦ ANSI C63.26-2015
- ♦ FCC 47 CFR Part 2, Part 24E
- ♦ 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.

1.6 Specification of Accessory

Specification of Accessory				
AC Adapter 1(US)	Brand Name	Motorola(AOHAI)	Model Name	MC-201L
AC Adapter 1(EU)	Brand Name	Motorola(AOHAI)	Model Name	MC-202L
AC Adapter 1(UK)	Brand Name	Motorola(AOHAI)	Model Name	MC-203L
AC Adapter 1(IN)	Brand Name	Motorola(AOHAI)	Model Name	MC-204
AC Adapter 1(AU)	Brand Name	Motorola(AOHAI)	Model Name	MC-205L
AC Adapter 1(AR)	Brand Name	Motorola(AOHAI)	Model Name	MC-206L
AC Adapter 2(US)	Brand Name	Motorola(Salcomp)	Model Name	MC-201L
AC Adapter 2(EU)	Brand Name	Motorola(Salcomp)	Model Name	MC-202L
AC Adapter 2(UK)	Brand Name	Motorola(Salcomp)	Model Name	MC-203L
AC Adapter 2(AU)	Brand Name	Motorola(Salcomp)	Model Name	MC-205L
AC Adapter 2(AR)	Brand Name	Motorola(Salcomp)	Model Name	MC-206L
AC Adapter 2(BR)	Brand Name	Motorola(Salcomp)	Model Name	MC-207L
AC Adapter 2(Chile)	Brand Name	Motorola(Salcomp)	Model Name	MC-209L
AC Adapter 3(US)	Brand Name	Motorola(Chenyang)	Model Name	MC-201L
AC Adapter 3(EU)	Brand Name	Motorola(Chenyang)	Model Name	MC-202L
AC Adapter 3(AR)	Brand Name	Motorola(Chenyang)	Model Name	MC-206L
AC Adapter 3(BR)	Brand Name	Motorola(Chenyang)	Model Name	MC-207L
AC Adapter 4(BR)	Brand Name	Motorola(Cliptech)	Model Name	MC-207L
AC Adapter 5(IN)	Brand Name	Motorola(XIHI)	Model Name	MC-204
Battery 1	Brand Name	Motorola(ATL)	Model Name	QG50
Battery 2	Brand Name	Motorola(Sunwoda)	Model Name	QG50
Battery 3	Brand Name	Motorola(JIADE)	Model Name	QG50
USB Cable 1	Brand Name	Saibao	Model Name	SZN-A026A
USB Cable 2	Brand Name	Juwei	Model Name	JWUB1606-ZN01H

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, 24 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 24 of this chapter (e.g., §§ 22.913, 24.232, 27.50), as required for their operating frequencies.

The table below identifies the SCS frequencies available for use and, for each band, the applicable FCC Part 24 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 bands supported by the device in the scope of this report are:

Band	Frequency (MHz)		Rule Part	3GPP Band	Supported	Reference test report showing compliance with 25.204(g)
	DL	UL				
Broadband PCS	1985-1990	1905-1910	24E	2	Yes	FG422904B
Note: Test reports are for reference model FCC ID IHDT56AS4. The data is in the test report FG422904B (LTE).						

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