



FCC RF Test Report

APPLICANT : Motorola Mobility LLC
EQUIPMENT : Mobile Cellular Phone
BRAND NAME : Motorola
MODEL NAME : XT2551-1, XT2551-2, XT2551-6
FCC ID : IHDT56AU1
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



Sporton International Inc. (Kunshan)

**No. 1098, Pengxi North Road, Kunshan Economic Development Zone Jiangsu Province 215300
People's Republic of China**



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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 | XT2551-1, XT2551-2, XT2551-6 |
| FCC ID | IHDT56AU1 |
| HW Version | DVT2 |
| SW Version | V2VL35.5 |
| EUT Stage | Identical Prototype |

Remark: The different model name is different for market purpose.

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 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.

1.6 Specification of Accessory

| Accessories Information | | | | |
|-------------------------|------------|--------------------|------------|------------|
| AC Adapter 1(US) | Brand Name | Motorola(Chenyang) | Model Name | MC-681N |
| AC Adapter 1(EU) | Brand Name | Motorola(Chenyang) | Model Name | MC-682N |
| AC Adapter 1(UK) | Brand Name | Motorola(Chenyang) | Model Name | MC-683N |
| AC Adapter 1(AU) | Brand Name | Motorola(Chenyang) | Model Name | MC-685N |
| AC Adapter 1(AR) | Brand Name | Motorola(Chenyang) | Model Name | MC-686N |
| AC Adapter 1(BR) | Brand Name | Motorola(Chenyang) | Model Name | MC-687N |
| AC Adapter 1(Chile) | Brand Name | Motorola(Chenyang) | Model Name | MC-689N |
| AC Adapter 2(US) | Brand Name | Motorola(Acbel) | Model Name | MC-681N |
| AC Adapter 2(EU) | Brand Name | Motorola(Acbel) | Model Name | MC-682N |
| AC Adapter 2(UK) | Brand Name | Motorola(Acbel) | Model Name | MC-683N |
| AC Adapter 2(AU) | Brand Name | Motorola(Acbel) | Model Name | MC-685N |
| AC Adapter 2(AR) | Brand Name | Motorola(Acbel) | Model Name | MC-686N |
| AC Adapter 2(BR) | Brand Name | Motorola(Acbel) | Model Name | MC-687N |
| Battery 1 | Brand Name | Motorola(ATL) | Model Name | RS13 |
| Battery 2 | Brand Name | Motorola(ATL) | Model Name | RS35 |
| USB Cable 1 | Brand Name | Motorola(saibao) | Model Name | SC18D71644 |
| USB Cable 2 | Brand Name | Motorola(Luxshare) | Model Name | SC18E08104 |
| USB Cable 3 | Brand Name | Motorola(saibao) | Model Name | SC18D86731 |
| USB Cable 4 | Brand Name | Motorola(Luxshare) | Model Name | SC18E08103 |

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.

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:

| Band | Frequency (MHz) | | Rule Part | 3GPP Band | Supported | Reference test report showing compliance with 25.204(g) |
|--|-----------------|-----------|-----------|---------------------------|-----------|---|
| | DL | UL | | | | |
| 600MHz | 614-652 | 663-698 | 27 | 71/n71 | Yes | FG4N2802C FG4N2802E FG4N2802M FG4N2802O |
| 700MHz | 729-746 | 699-716 | 27 | 12/n12 17 | Yes | |
| | 746-756 | 777-787 | 27 | 13 | Yes | |
| | 758-769 | 788-799 | 90R | 14/n14 | Yes | |
| | 805-806 | | | | No | |
| 800MHz | 869-894 | 824-849 | 22H | WCDMA 5 5/n5 26/n26 | Yes | FG4N2802A FG4N2802B FG4N2802C FG4N2802M FG4N2802L |
| Broadband PCS | 1930-1995 | 1850-1915 | 24E | WCDMA 2 2/n2 25/n25 | Yes | |
| <p>Note: Test reports are for reference model FCC ID IHDT56AU1. The data is in the test report FG4N2802A (2G/3G), FG4N2802B, FG4N2802C&FG4N2802E (LTE) and FG4N2802L&FG4N2802M&FG4N2802O (5G NR).</p> | | | | | | |

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