



# FCC RF Test Report

APPLICANT : Motorola Mobility LLC  
EQUIPMENT : Mobile Cellular Phone  
BRAND NAME : Motorola  
MODEL NAME : XT1922-6, XT1922-7, XT1922-9  
FCC ID : IHDT56XB1  
STANDARD : FCC Part 15 Subpart C §15.247  
CLASSIFICATION : (DSS) Spread Spectrum Transmitter

We, Sporton International (Shenzhen) 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 (Shenzhen) Inc., the test report shall not be reproduced except in full.



Approved by: Eric Shih / Manager

**Sporton International (Shenzhen) Inc.**  
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## REVISION HISTORY

| REPORT NO. | VERSION | DESCRIPTION             | ISSUED DATE  |
|------------|---------|-------------------------|--------------|
| FR832002A  | Rev. 01 | Initial issue of report | May 31, 2018 |
|            |         |                         |              |
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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                        |                                                                                                                                                                                                                                               |
|----------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Equipment</b>                       | Mobile Cellular Phone                                                                                                                                                                                                                         |
| <b>Brand Name</b>                      | Motorola                                                                                                                                                                                                                                      |
| <b>Model Name</b>                      | XT1922-6, XT1922-7, XT1922-9                                                                                                                                                                                                                  |
| <b>FCC ID</b>                          | IHDT56XB1                                                                                                                                                                                                                                     |
| <b>EUT supports Radios application</b> | CDMA/EVDO/GSM/GPRS/EGPRS/WCDMA/HSPA/<br>DC-HSDPA/HSPA+(16QAM uplink is not supported)/LTE<br>WLAN 2.4GHz 802.11b/g/n HT20<br>WLAN 5GHz 802.11a/n HT20/HT40<br>Bluetooth v3.0 + EDR/Bluetooth v4.0 LE<br>Bluetooth v4.1 LE / Bluetooth v4.2 LE |
| <b>HW Version</b>                      | DVT2                                                                                                                                                                                                                                          |
| <b>SW Version</b>                      | jeter_oem_userdebug_8.0.0_OPP27.34_970_intcfg-test-keys_oem                                                                                                                                                                                   |
| <b>EUT Stage</b>                       | Identical Prototype                                                                                                                                                                                                                           |

**Remark:**

1. For XT1922-6, XT1922-7, XT1922-9, they are the same product except model name different for market segment.
2. The above EUT's information was declared by manufacturer. Please refer to the specifications or user's manual for more detailed description.
3. This is a variant report for XT1922-6, XT1922-7, XT1922-9. The product equality declaration could be referred to Appendix A. Since the test result is not affected by the changes, all the test data was performed on original report which can be referred to Sporton Report Number FR7D1310A.



## 1.4 Product Specification of Equipment Under Test

| Standards-related Product Specification  |                                                                                                         |
|------------------------------------------|---------------------------------------------------------------------------------------------------------|
| <b>Tx/Rx Frequency Range</b>             | 2402 MHz ~ 2480 MHz                                                                                     |
| <b>Number of Channels</b>                | 79                                                                                                      |
| <b>Carrier Frequency of Each Channel</b> | 2402+n*1 MHz; n=0~78                                                                                    |
| <b>Antenna Type / Gain</b>               | IFA Antenna with gain 1.00 dBi                                                                          |
| <b>Type of Modulation</b>                | Bluetooth BR (1Mbps) : GFSK<br>Bluetooth EDR (2Mbps) : $\pi/4$ -DQPSK<br>Bluetooth EDR (3Mbps) : 8-DPSK |

## 1.5 Modification of EUT

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



## **Appendix A. Product Equality Declaration**

# Motorola Mobility LLC.

222 W, Merchandise Mart Plaza, Chicago IL 60654 USA

## Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of XT1922-6/XT1922-7/XT1922-9.

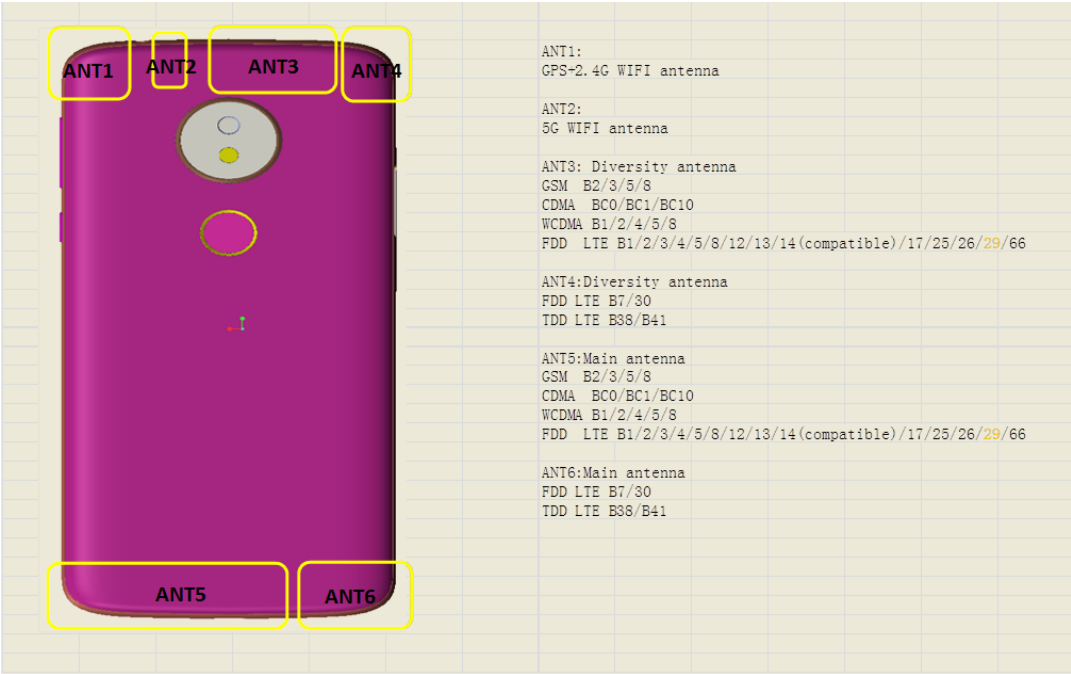
The detail differences between variant and original as below:

◆ Add 2<sup>nd</sup> source suppliers component

| component       | Original Sample                               | Variant Sample 1                             | Variant Sample 2                             | Variant Sample 3                             | Variant Sample 4                             |
|-----------------|-----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|----------------------------------------------|
| CPU             | Qualcomm<br>MSM-8920-9-720BNSP-<br>TR-00-0-AA | Qualcomm<br>MSM-8953-2-857NSP-T<br>R-01-0-AB | Qualcomm<br>MSM-8953-2-857NSP-T<br>R-01-0-AB | Qualcomm<br>MSM-8953-2-857NSP-T<br>R-01-0-AB | Qualcomm<br>MSM-8953-2-857NSP-TR<br>-01-0-AB |
| Front<br>Camera | Kingcome<br>06B5-L3100FF                      | Kingcome<br>06B5-L3100FF                     | Holitech<br>PLQ8816M                         | Kingcome<br>06B5-L3100FF                     | Holitech<br>PLQ8816M                         |
| Rear<br>Camera  | Truly<br>CMC958-B13BA-E                       | Truly<br>CMC958-B13BA-E                      | Holitech<br>TLQ8817M                         | Truly<br>CMC958-B13BA-E                      | Holitech<br>TLQ8817M                         |
| Memory          | Samsung<br>KMGX6001BM-B514                    | Samsung<br>KMGX6001BM-B514                   | Hynix<br>H9TQ26ADFTBCUR-KUM                  | Samsung<br>KMQE60013M-B318                   | Micron<br>MT29TZZZ5D6DKFRL-10<br>7W.9A6      |
| Battery         | SCUD<br>BL270 3.85V 4000mAh                   | SCUD<br>BL270 3.85V 4000mAh                  | ATL<br>BL270 3.85V 4000mAh                   | SCUD<br>BL270 3.85V 4000mAh                  | ATL<br>BL270 3.85V 4000mAh                   |
| PCB             | EEK<br>LLDM311B6-5                            | EEK<br>LLDM311B6-5                           | MEIKO<br>LLDM311B6-5                         | EEK<br>LLDM311B6-5                           | MEIKO<br>LLDM311B6-5                         |
| LCM             | Tianma<br>TM057JVSS12-00                      | Tianma<br>TM057JVSS12-00                     | DJN<br>98-03057-6483B-H                      | Tianma<br>TM057JVSS12-00                     | DJN<br>98-03057-6483B-H                      |
| Motor           | AWA<br>FS-3032                                | AWA<br>FS-3032                               | DMEGC CHENJI<br>DM-YX416-2                   | AWA<br>FS-3032                               | DMEGC CHENJI<br>DM-YX416-2                   |
| FPS             | O-film<br>ETW-0898-03                         | O-film<br>ETW-0898-03                        | Kerr<br>9111-040006201                       | O-film<br>ETW-0898-03                        | Kerr<br>9111-040006201                       |

◆ Antenna difference

Sample 1 and 3 in the variant 4 Sample files are different from 5G WiFi Pattern, but others are the same as the original ones.



Except listings above, the others are all the same.

Should you have any questions or comments regarding this matter, please have my best attention.

Sincerely yours,

*Dai Lihua*

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