



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 : 47 CFR PART 2, 22(H), 24(E), 27(L), 27(M), 27(F), 27(H)
CLASSIFICATION : PCS Licensed Transmitter Held to Ear (PCE)

We, Sporton International (Shenzhen) Inc., would like to declare that the tested sample has been evaluated in accordance with the test procedures given in ANSI/TIA-603-E and the testing has shown the tested sample to be 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
FG832002B	Rev. 01	Initial issue of report	May 31, 2018



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	XT1922-6, XT1922-7, XT1922-9
FCC ID	IHDT56XB1
EUT supports Radios application	CDMA/EV-DO/GSM/GPRS/EGPRS/WCDMA/HSPA/ DC-HSDPA/HSPA+(16QAM uplink is not supported)/LTE WLAN 2.4GHz 802.11b/g/n HT20 WLAN 5GHz 802.11a/n HT20/HT40 Bluetooth v3.0 + EDR/Bluetooth v4.0 LE/ Bluetooth v4.1 LE/Bluetooth v4.2 LE
HW Version	DVT2
SW Version	jeter_oem_userdebug_8.0.0_OPP27.34_970_intcfg-test-keys_ oem
EUT Stage	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 FG7D1310B.

1.4 Product Specification of Equipment Under Test

Standards-related Product Specification	
Tx Frequency	LTE Band 2 : 1850.7 MHz ~ 1909.3 MHz LTE Band 4 : 1710.7 MHz ~ 1754.3 MHz LTE Band 5 : 824.7 MHz ~ 848.3 MHz LTE Band 7 : 2502.5 MHz ~ 2567.5 MHz LTE Band 12 : 699.7 MHz ~ 715.3 MHz LTE Band 13 : 779.5 MHz ~ 784.5 MHz LTE Band 17 : 706.5 MHz ~ 713.5 MHz LTE Band 25 : 1850.7MHz ~ 1914.3 MHz LTE Band 26 : 824.7MHz ~ 848.3 MHz LTE Band 38 : 2572.5MHz ~ 2617.5MHz LTE Band 41 : 2498.5 MHz ~ 2687.5 MHz LTE Band 66 : 1710.7 MHz ~ 1779.3 MHz
Rx Frequency	LTE Band 2 : 1930.7 MHz ~ 1989.3 MHz LTE Band 4 : 2110.7 MHz ~ 2154.3 MHz LTE Band 5 : 869.7 MHz ~ 893.3 MHz LTE Band 7 : 2622.5MHz ~ 2687.5 MHz LTE Band 12 : 729.7 MHz ~ 745.3 MHz LTE Band 13 : 748.5 MHz ~ 753.5 MHz LTE Band 17 : 736.5 MHz ~ 743.5 MHz LTE Band 25 : 1930.7MHz ~ 1994.3 MHz LTE Band 26 : 869.7MHz ~ 893.3MHz LTE Band 38 : 2572.5MHz ~ 2617.5MHz LTE Band 41 : 2498.5 MHz ~ 2687.5 MHz LTE Band 66 : 2110.7 MHz~ 2179.3 MHz
Bandwidth	LTE Band 2 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 4 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 5 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 7 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 12 : 1.4MHz / 3MHz / 5MHz / 10MHz LTE Band 13 : 5MHz / 10MHz LTE Band 17 : 5MHz / 10MHz LTE Band 25 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz LTE Band 26 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz LTE Band 38 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 41 : 5MHz / 10MHz / 15MHz / 20MHz LTE Band 66 : 1.4MHz / 3MHz / 5MHz / 10MHz / 15MHz / 20MHz
Type of Modulation	QPSK / 16QAM / 64QAM

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.

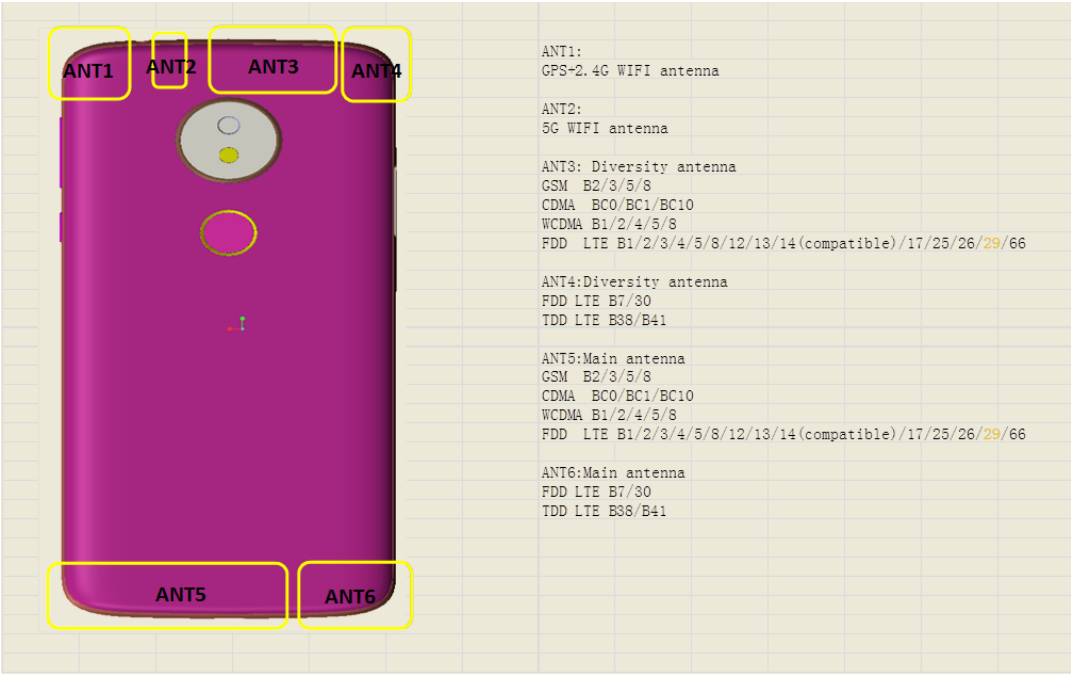
The detail differences between variant and original as below:

◆ Add 2nd source suppliers component

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