

Date: October 22th, 2018

Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of Super row SKU(FCC ID: IHDT56XR2) and Brazil & Latam SKU(FCC ID: IHDT56XR3), the detail differences as below:

1. Frequency band difference

SKU	Brazil & Latam SKU	Super row SKU
Number of SIM's supported	DS/SS	DS/SS
Model Name	XT1952-2	XT1952-1
FCC ID	IHDT56XR3	IHDT56XR2
GSM 850	x	x
GSM 900	x	x
GSM 1800	x	x
GSM 1900	x	x
LTE 1	x	x
LTE 2	x	x
LTE 3	x	x
LTE 4	x	x
LTE 5	x	x
LTE 7	x	x
LTE 8		x
LTE 20		x
LTE 28	x	x
LTE 38		x
LTE 66	x	
LTE 40		
LTE 41(2535~2655)		x
WCDMA 1	x	x
WCDMA 2	x	x
WCDMA 4	x	x
WCDMA 5	x	x
WCDMA 8	x	x
WLAN 2.4GHz	x	x
Bluetooth	x	x

2. Board

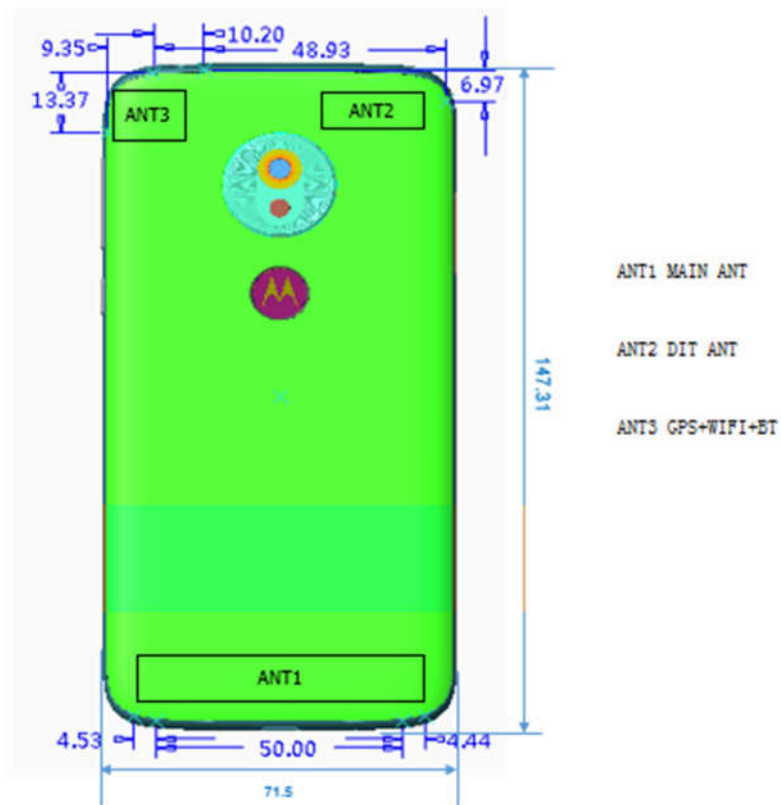
SKU		Brazil & Latam SKU	Super row SKU
WWAN	IC	WTR3925	
	Component on PCB	See part 3: Band circuit for details	
	Antenna	See part 4: Antenna for details	
BT	IC	WCN3615	
	Component on PCB	Same across all SKUs	
	Antenna	See part 4: Antenna for details	

WLAN 2.4GHz	IC	WCN3615
	Component on PCB	Same across all SKUs
	Antenna	See part 4: Antenna for details.
SAR cap Sensor	IC	SX9325
	Component on PCB	Same across all SKUs
	Antenna	See part 4: Antenna for details

3. Band circuit

Commodity	Brazil & Latam SKU	Super row SKU	Vendor Part number
B1 Duplexer(1814)	1	1	SAYRH1G95BA0F0A
B2 Duplexer(1814)	1	1	SAYEY1G88BC0B0A
B3 Duplexer(1814)	1	1	SAYEY1G74BC0B0A
B4 Duplexer(1814)	1	1	D6DA2G132K2D4
B5 Duplexer(1814)	1	1	SAYEY836MBE0F0A
B7 Duplexer(1814)	1	1	D6HQ2G655DP02
B8 Duplexer(1814)	1	1	SAYEY897MBA0B0A
B20 Duplexer(1814)	0	1	D5FC847M0K3NE
B28A Duplexer(1814)	1	1	B8538
B28B Duplexer(1814)	1	1	B8539
B40 TRX_SAW(1109)	0	1	885075
B40 DRX SAW(1109)	0	1	SFHG52AA002
B41 (120M) TRX SAW(1109)	0	1	B8870
B41 (120M) DRX SAW(1109)	0	1	SFHG96AA402
B3&7 DRx dual_SAW(1511)	1	1	SAWFD1G84AG1F0A
B25+66_RX Dual Saw_1511	1	1	SAWFD1G96AC2F0A
B5 DRx SAW(1109)	1	1	MS11U881M-RX05S
B8 DRX SAW(1109)	1	1	MS11U942M-RX08S
B20 DRX SAW(1109)	0	1	SFH806BA002
B28 DRX SAW(1109)	1	1	SFH780AA402
Diplexer for GPS/2.4G WIFI	1	1	RFDIP1608060T97Q1C
GPS SAW(1109)	1	1	SFDG89JA402
2.4G WIFI SAW(1109)	1	1	F6HG2G441EG65
SP3T (TX)	1	1	MXD8638C
SP8T(Diversity ASM)	0	1	MXD8680
B66 Duplexer(1814)	1	0	D6DA2G155K2T2
SP6T(Diversity ASM)	1	0	MXD8661

4. Antenna



Antenna Reuse			
		Brazil & Latam SKU	Super row SKU
ANT1	Main ANT	the Same	
ANT2	Div ANT	the Same	
ANT3	2.4G&GPS	the Same	

5. SW section

For this particular Motorola project all SKUs will be sharing the same SW version. The main differences exist per SKUs are related to RF Bands supported. Regarding the SW/FW, there is NOT much difference between SKUs. Note that specific features are enabled via MCFG depending on SIM Card inserted to device, as the lab tests are usually performed with a base FSG setup, we should not expect differences on the protocol level between all SKUs.

6. HW section

- WCDMA/LTE bands: Difference of population/depopulation on duplex, SPDT Switch and matching capacitance inductance to enable support of different cellular bands.
- RF trace: same across Brazil & Latam SKU and Super row SKU.
- PCB layout: same across Brazil & Latam SKU and Super row SKU.
- PCBA: for any DS/SS models under the same SKU the same PCBA will be used. For example, LatAm DS/SS will share the same PCBA and the only difference is that SS model will have only one SIM slot. PCBA of each SKU is unique because the RF components will differ from SKU to SKU.
- WLAN/BT/GPS/Diversity antenna type, antenna pattern, antenna location, antenna matching value, same across Brazil & Latam SKU and Super row SKU.

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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