

Date: Sep 30th, 2020

Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of Europe and Latam , the detail differences as below:

1. Frequency band difference

	RF functionally matrix-same ROW indicates signal path is shared among SKUS		
Modes	SKU5		SKU6
Model	XT2091-3	XT2091-8	XT2091-4
Trade Mark	Motorola	lenovo	Motorola
FCC ID	IHDT56ZK2	IHDT56ZK2	IHDT56ZK1
PCB	The same	The same	The same
GSM	The same	The same	The same
WCDMA	1/2/4/5/8/19	1/2/4/5/8/19	1/2/4/5/8
LTE	1/2/3/4/5/7/8/18/19/20/26/28/38/40	1/2/3/4/5/7/8/18/19/20/26/28/38/40	1/2/3/4/5/7/8/19/28/66
WLAN 2.4G/5G	The same	The same	The same
Bluetooth	The same	The same	The same
Antenna	The same	The same	The same
NFC	Support	Support	Not support
Hardware Version	The same	The same	The same
Software Version	The same	The same	The same

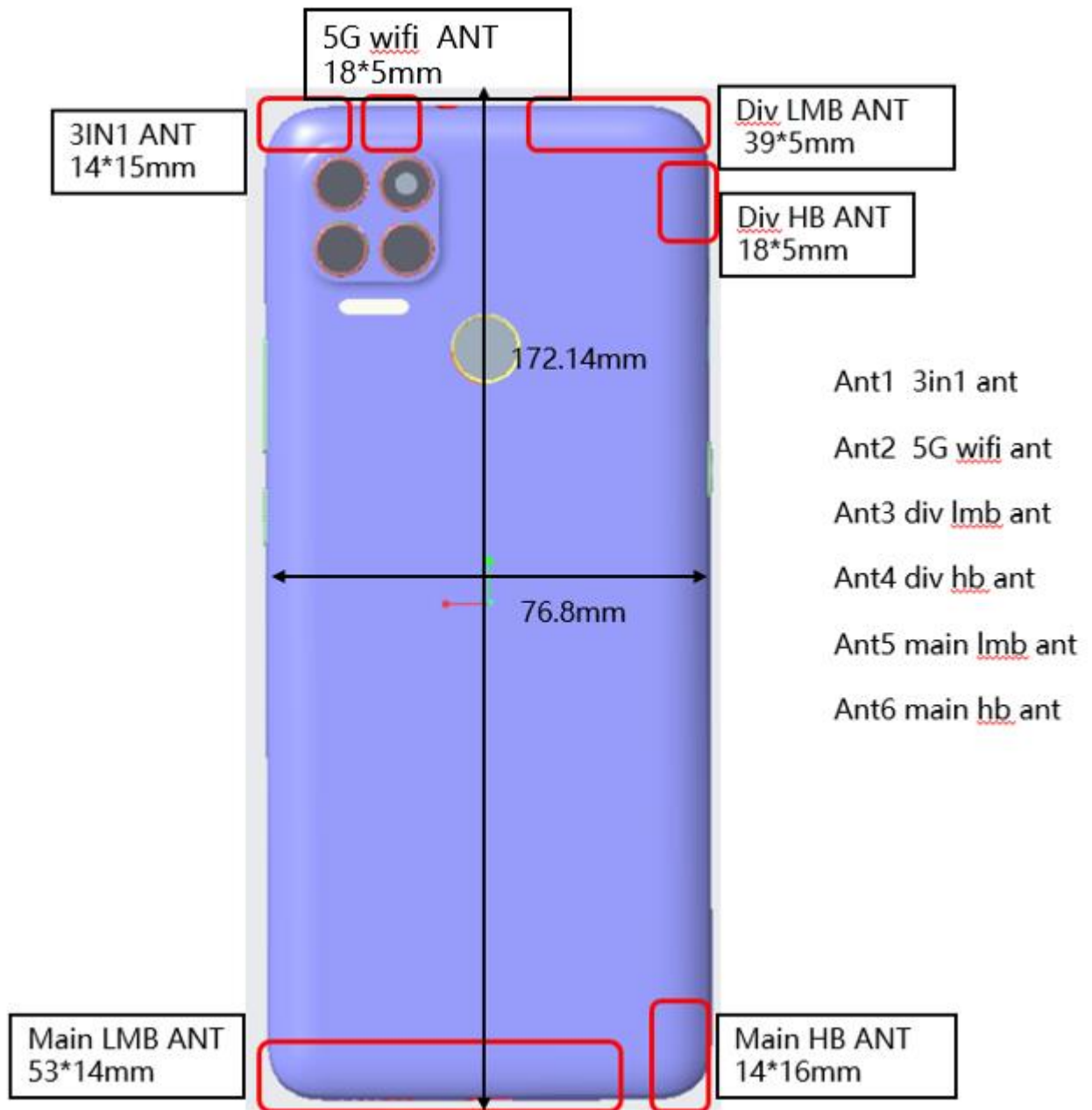
XT2091-3 and XT2091-8 only have different models and trademarks, and the rest are exactly the same

2. Board difference

		SKU1 Europe w/CA	SKU4 Latam w/CA
WWAN	IC	WCN-3950	
	Component on PCB	See part 3: Band circuit difference for details	
	Antenna	See part 4: Antenna difference for details	
BT	IC	WCN-3950	
	Component on PCB	Same across all SKUs	
	Antenna	See part 4: Antenna difference for details	
WLAN 2.4GHz	IC	WCN-3950	
	Component on PCB	Same across all SKUs	
	Antenna	See part 4: Antenna difference for details.	
SAR cap Sensor	IC	A96T346DF(T)	
	Component on PCB	Same across all SKUs	
	Antenna	See part 4: Antenna difference for details	

3. Band circuit difference

Commodity	CA PCB Latam&Brazil	CA PCB Europe&APEM	VALUE
RF tranceiver	1	1	WTR3925-3-106BWLSP-TR-03-1
APT	1	1	QET4101-0-12WLNSP-TR-00-0
MMMB PA	1	1	VC7643-26
TXM	1	1	SKY77928-21
SP4T	2	2	MXD8544A
Balun	1	1	RFBLN1608070F48Q1C
DIP	1	1	RFDIP1608070G68Q1C
B1 DPX	1	0	B39212B1245L210
B2 DPX	0	1	SAYEY1G88BA0B0A
B3 DPX	1	0	SAYEY1G74BC0B0A
B5 DPX	1	0	SFX836EYJ02
B7 DPX	1	1	B39272B8697P810
B8 DPX	1	1	SFX897FYT02
B20 DPX	0	1	SD18-0847R8UUB1
B26 DPX	0	1	D5DA876M5K2P6
B28A DPX	1	1	B39771B1252P810
B28B DPX	1	1	B39791B1253P810
B40 TX SAW	0	1	F6HH2G350EH75
B41 /B38 TRX SAW	0	1	SFDG26AA402
B1+3TRX Filter	0	1	B39212B8912L210
B25+66TRX Filter	1	0	SQ25-1745K6SUA1
B1+B3 SAW	0	1	SAWFD1G84AA0F0A
B25+B66 SAW	1	0	SFWG62DBB02
B3 DRX SAW	1	0	SAFFB1G84AB0F0A
B2 DRX SAW	0	1	SAFFB1G96AB0F0A
B5 DRX SAW	1	0	MS11U881M-RX05S
B7 DRX SAW	1	1	MS11U2G65-RX07S
B8 DRX SAW	1	1	SAFFB942MAN0F0A
B20 SAW	0	1	SAFFB806MAA0F0A
B26 SAW	0	1	SAFFB876MAA0F0A
B28 SAW	1	1	SFH780AA402
B40 DRX SAW	0	1	SAFFB2G35AA0F0A
B41/B38 DRX SAW	0	1	SFHG96AA402



4. Antenna difference

Antenna Reuse			
		Latam	Super ROW
ANT1	2.4G&GPS&BT	1	1
ANT2	5G Wifi ANT	1	1
ANT3	Div ANT	1	1
ANT4	Div ANT	1	1
ANT5	Main ANT	1	1
ANT6	Main ANT	1	1

■ 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.

■ Mechanical section

There is no difference in mechanical design and materials used for all SKUs of Potter. There are differences in terms of memory configuration and number of SIM's supported across different SKUs.

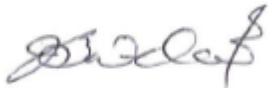
Except for difference listed above:

- RF trace: same across all SKUs.
- PCB layout: same across all SKUs.
- PCBA: for any DS/SS models under the same SKU the same PCBA will be used.
- WLAN/BT/GPS/Diversity antenna type, antenna pattern, and antenna location is sharing , antenna -chipset - matching value: same across all SKUs..
- Main antenna 01, covers 703~960 MHz and 1710~2700 MHz, is sharing the same antenna pattern, location and chipset with Super ROW and Latam share the others.

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,



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