

Motorola Mobility LLC.

Tel: +86- 18150396167

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Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of
The differences between Emma-AP(XT1924-3), Emma-EMEA (XT1924-1, XT1924-2) and
Emma-LATAM(T1924-4, XT1924-5) as below:

■ RF section

1. Frequency band difference

Radio Functionality Matrix -Same Row indicates Signal Path is Shared among SKUs			
Bands/Modes	Emma-AP	Emma-EMEA	Emma-LATAM
GSM 850	√	√	√
GSM 900	√	√	√
GSM 1800	√	√	√
GSM 1900	√	√	√
LTE 1	√	√	√
LTE 2	x	x	√
LTE 3	√	√	√
LTE 4	x	x	√
LTE 5	√	√	√
LTE 7	√	√	√
LTE 8	√	√	x
LTE 12	x	x	x
LTE 13	x	x	x
LTE 14	x	x	x
LTE 17	x	x	x
LTE 20	x	√	x
LTE 25	x	x	x
LTE 26	x	x	x
LTE 28	x	x	√
LTE 29	x	x	x
LTE 30	x	x	x
LTE 38	√	√	x
LTE 40	x	x	x
LTE 41(2535-2655MHz)	√	x	x
LTE 66	x	x	x
LTE 71	x	x	x
WCDMA 1	√	√	√
WCDMA 2	√	√	√
WCDMA 4	x	x	√
WCDMA 5	√	√	√
WCDMA 8	√	√	√
CDMA BC0	x	x	x
CDMA BC1	x	x	x

CDMA BC10	x	x	x
WLAN 2.4GHz	√	√	√
WLAN 5GHz	x	x	x
Bluetooth	√	√	√
DTV	x	x	x
NFC	x	x	x

2. Board difference

		Emma-AP	Emma-EMEA	Emma-LATAM
WWAN	IC	WTR2965	WTR2965	WTR2965
	component on PCB	Same across all SKUs		
	Antenna	With the same antenna pattern and match		
BT	IC	WCN3615	WCN3615	WCN3615
	Component on PCB	Same across all SKUs		
	Antenna	With the same antenna pattern and match		
WLAN 2.4GHz	IC	WCN3615	WCN3615	WCN3615
	component on PCB	Same across all SKUs		
	Antenna	With the same antenna pattern and match		
NFC	IC	x	x	x
	component on PCB	x		
	Antenna	x		
E-compass	IC	x	x	x
	component on PCB	x		
	Antenna	x		
SAR cap Sensor	IC	SX9310	SX9310	SX9310
	component on PCB	Same across all SKUs		
	Antenna	With the same antenna pattern and match		

3. Band circuit difference

		Emma-AP	Emma-EMEA	Emma-LATAM
LTE 4	Circuit	same		
	component	No component	No component	+ SAYEY1G73BA0F0AR0* & MXD8625C
LTE 20&28	Circuit	same		
	component	No component	+ SFX806BYH02 & SAFFB806MAA0F0AR1*	+ SAYEY718MBC0F0AR0* & SAYEY733MBC0F0AR0* & SAFFB780MAA0F0AR**
LTE 38&41	Circuit	same		
	component	+ SAFFB2G59AA3F0A & SAFFB2G59MA3F0A	+ SFHG05AA002 & SAFFB2G59MA3F0A	No component
LTE 40	Circuit	same		

	component	+ SAFFB2G35AA0F0AR1* & MXD8625C	+ SAFFB2G35AA0F0AR1* & MXD8625C	No component
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■ 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 EMEA/APAC, LatAm, India & BRAZIL SKUs.
- PCB layout: same across EMEA/APAC, LatAm, India & BRAZIL SKUs.
- PCBA: for any DS/SS models under the same SKU the same PCBA will be used. For example, EMEA 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 and chipset: Same across EMEA/APAC, LatAm, INDIA & BRAZIL sku.
- NFC antenna type, antenna pattern, antenna location and chipset: Same across Emma-AP, Emma-EMEA and Emma-LATAM SKU. NA SKU does not support NFC.
- Main antenna 01, covers 699~960 MHz and 1710~2700 MHz, is sharing the same antenna pattern, location, matching and chipset with all SKUs.
- NA, EMEA/APAC, LatAm, India & BRAZIL SKUs will use adaptor.

Except listings above, the others are all the same.

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

Contact Person:



COMPANY: Motorola Mobility LLC.

E-Mail: dailh@motorola.com