

Date: May 22th, 2018

Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of LatAm SS/DS(**XT1965-2**), **WE+JAPAN+ANZ** (**XT1965-3**) , the detail differences as below:

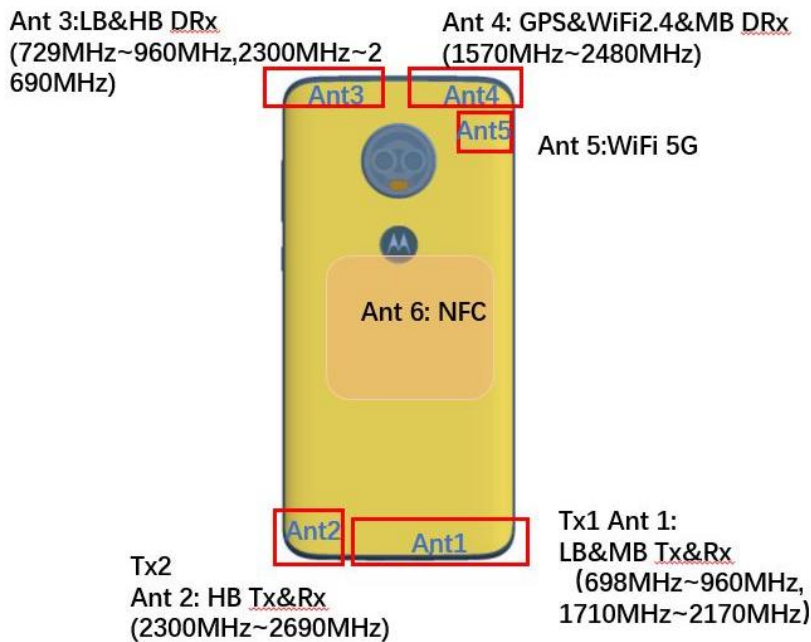
1. Frequency band difference

RF Functionally Matrix-Same ROW indicates Signal Path is shared among SKUs		
Bands/Modes	Brazil+LA	WE+JAPAN+ANZ
Model	XT1965-2	XT1965-3
FCC ID	IHDT56XN2	IHDT56XN3
GSM 850	Y	Y
GSM 900	Y	Y
GSM 1800	Y	Y
GSM 1900	Y	Y
LTE 1	Y	Y
LTE 2	Y	Y
LTE 3	Y	Y
LTE 4	Y	Y
LTE 5	Y	Y
LTE 7	Y	Y
LTE 8	N	Y
LTE 12	Y	N
LTE 17	Y	N
LTE 20	N	Y
LTE 28	Y	Y
LTE 38	N	Y
LTE 40	N	Y
LTE 41(2535~2655)	N	Y
LTE 66	Y	N
WCDMA 1	Y	Y
WCDMA 2	Y	Y
WCDMA 4	Y	Y
WCDMA 5	Y	Y
WCDMA 8	Y	Y
WCDMA 19	N	Y
WLAN 2.4GHz	Y	Y
WLAN 5GHz	Y	Y
Bluetooth	Y	Y
NFC	Y	Y

2. Board difference

		Brazil+LA	WE+JAPAN+ANZ
WWAN	IC	SDR660	
	Component on PCB	SAME	
	Antenna	same	

4. Antenna difference



Antenna Reuse			
		Brazil+LA	WE+JAPAN+ANZ
ANT1	Main ANT LB&MB	1	1
ANT2	Main ANT HB	1	1
ANT3	Div ANT LB&HB	1	1
ANT4	2.4G&GPS&DIV MB	1	1
ANT5	5G ANT	1	1
ANT6	NFC	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.

Region	RF SKU	SIM	NFC	Memory
LatAm	LatAm SKU	DS	support	4+64G
		SS	support	
WE+JAPAN+ANZ	WE SKU	DS	support	
		SS	support	

Except for difference listed above:

- RF trace: same across Brazil+LA, We+Japan+ANZ sku.

- PCB layout: same across Brazil+LA, We+Japan+ANZ 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+LA, We+Japan+ANZ sku.

- NFC antenna type, antenna pattern, antenna location and chipset: Same across Brazil+LA, We+Japan+ANZ sku.

- Main antenna 01, covers 698~960 MHz and 1710~2700 MHz, is sharing the same antenna pattern, location and chipset with Brazil+LA, We+Japan+ANZ sku.

- NA, EMEA/APAC, LatAm, India & BRAZIL SKUs will use adaptor.

Country / Sub-region	TRADE / MODEL	DESCRIPTION	RF SKU	SIM	Beckham
United States Canada	SA18C21399 SA18C21417	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A	NA SKU	SS	XT1965-1
India	SA18C21402 SA18C21420	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A	India SKU	DS	XT1965-4
Mexico	SA18C21399 SA18C21417	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A	LATAM SKU	SS	XT1965-2
Argentina	SA18C21404 SA18C21422	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A		SS	
Rest of LA	SA18C21399 SA18C21417 SA18C36248	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A		DS/SS	
PRC	SA18C21406 SA18C21424	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A	PRC SKU	DS	XT1965-6
Brazil	SA18C21405 SA18C21423	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A	Brazil SKU	DS	XT1965-2
WE+JANZ	SA18C21400 SA18C21418 SA18C21401 SA18C21419 SA18C21399 SA18C21417 SA18C21403 SA18C21421	Input: AC100-240V~50/60Hz 800 mA Output: 5V, 3A or 9V,3A	WE+JANZ	SS/DS	XT1965-3

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,



Jeff Narducci
narducci@motorola.com