

# Motorola Mobility LLC.

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Date: Nov 5, 2016

## Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product as below:

The differences between NA(XT1929-4), VZW(XT1929-1)),LATAM(XT1929-6), Brazil(XT1929-5) and APAC/EMEA(XT1929-8) Cas below:

### ■ RF section

#### 1. Frequency band difference

Radio Functionality Matrix -Same Row indicates Signal Path is Shared among SKUs					
Bands/Modes	NA (XT1929-4)	VZW (XT1929-1)	LATAM (XT1929-6)	Brazil (XT1929-5)	APAC/EMEA (XT1929-8)
TYPE	M356A	M3569	M356B	M3577	M356C
FCC ID	IHDT56XE1	IHDT56XE2	IHDT56XE4	IHDT56XE5	IHDT56XE3
GSM 850	x	x	x	x	x
GSM 900	x	x	x	x	x
GSM 1800	x	x	x	x	x
GSM 1900	x	x	x	x	x
LTE 1	x	x	x	x	x
LTE 2	x	x	x		
LTE 3	x	x	x	x	x
LTE 4	x	x	x		x
LTE 5	x	x	x	x	x
LTE 7	x	x	x	x	x
LTE 8	x	x	x		x
LTE 12	x		x		x
LTE 13	x	x			
LTE 14	x				
LTE 17	x		x		x
LTE 18	x				x
LTE 19	x				x
LTE 20	x	x			x
LTE 25	x				
LTE 26	x				x
LTE 28	x	x	x	x	x
LTE 29	x				
LTE 30	x				
LTE 38	x				x
LTE 40	x				x
LTE 41(NB)					x
LTE 41(FB)	x				
LTE 66	x	x	x		
LTE 71	x				
WCDMA 1	x	x	x	x	x
WCDMA 2	x	x	x	x	x
WCDMA 4	x	x	x		x
WCDMA 5	x	x	x	x	x
WCDMA 8	x	x	x	x	x
WCDMA19					x
CDMA BC0	x	x			
CDMA BC1	x	x			

CDMA BC10	x				
WLAN 2.4GHz	x	x	x	x	x
WLAN 5GHz	x	x	x	x	x
Bluetooth	x	x	x	x	x
DTV					
NFC	x	x	x	x	x
Number or SIM's supported	Single SIM	Single SIM	Dual SIM/Single SIM	Dual SIM	Dual SIM/Single SIM

## 2. Board difference

		NA(XT1929-4)	VZW(XT1929-1)	LATAM(XT1929-6)	Brazil(XT1929-5)	APAC/EMEA(XT1929-8)
CPU	IC	SDM636-3	SDM636-3	SDM636-2	SDM636-2	SDM636-0
WWAN	IC	SDR660	SDR660	SDR660	SDR660	SDR660
	Component on PCB	different component according the different band				
	Antenna	With the same antenna pattern and match			With the same antenna pattern and match	
BT	IC	WCN3980	WCN3980	WCN3980	WCN3980	WCN3980
	Compoment on PCB	Same across all SKUs,, except NA sku				
	Antenna	With the same antenna pattern and match				
WLAN 2.4GHz/5 GHz	IC	WCN3980	WCN3980	WCN3980	WCN3980	WCN3980
	Compoment on PCB	Same across all SKUs, except NA sku				
	Antenna	With the same antenna pattern and match				
NFC	IC	PN553	PN553	PN553	PN553	PN553
	Compoment on PCB	Same across all SKUs				
	Antenna	With the same antenna pattern and match				

### ■ 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 (including here availability of CDMA RAT or not). 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 Beckham. There are differences in terms of memory configuration and number of SIM's supported across different SKUs.

Region	Country / Sub-region	RF SKU	Beckham	SIM	Memory
NA	United States	NA SKU	XT1929-4	SS	4+64G
	Canada	NA SKU	XT1929-4	SS	4+32G
VZW	VZW	VZW SKU	XT1929-1	SS	4+32G
LatAm	Mexico	LATAM SKU	XT1929-6	DS/SS	4+64G
	Argentina	LATAM SKU	XT1929-6	SS	4+64G
	Rest of LA	LATAM SKU	XT1929-6	DS/SS	4+64G
Brazil	Brazil	Brazil SKU	XT1929-5	DS	4+64G
APAC/EMEA	APAC/EMEA	EMEA/APAC SKU	XT1929-8	SS	4+64G
			XT1929-8	DS	4+64G

Except for differencelisted above:

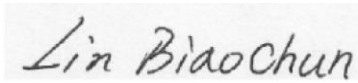
- RF trace: same across NA, EMEA/APAC, LatAm, & BRAZIL SKUs.
- PCB layout: same across NA, EMEA/APAC, LatAm, & BRAZIL SKUs.
- PCBA: for any DS/SS models under the same SKU the same PCBA will be used. For example, EMEA DS/SS will share the same PCBA and the only difference is that SS model will have only 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 NA, EMEA/APAC, LatAm, & BRAZIL sku.
- Main antenna 01, covers 699~960 MHz and 1710~2170 MHz, is sharing the same antenna pattern, location and chipset with all SKUs. However, for the antenna matching, NA, LATAM and Brazil use the same values; EMEA/APAC and India SKU share the others.
- Main antenna 02, covers 2300~2700 MHz, is sharing the same antenna pattern, antenna matching value, location and chipset with all SKUs
- NA, EMEA/APAC, LatAm, India & BRAZIL SKUs will use adaptor.

Country / Sub-region	TRADE / MODEL	DESCRIPTION	RF SKU	SIM	Beckham
United States Canada	SPN5970A SPN5993A	Input: AC100-240V~50/60Hz 500 mA Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A	NA SKU	SS	XT1929-4
VZW	SPN5970A SPN5993A	Input: AC100-240V~50/60Hz 500 mA Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A	VZW	SS	XT1929-1
Mexico	SPN5970A SPN5993A	Input: AC100-240V~50/60Hz 500 mA Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A	LATAM SKU	DS/SS	XT1929-6 XT1929-6 XT1929-6
Argentina	SPN5975A SPN5992A	Input: AC100-240V~50/60Hz 500 mA Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A		SS	
Rest of LA	SPN5970A SPN5993A SPN5971A SPN5989A	Input: AC100-240V~50/60Hz 500 mA Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A		DS/SS	

Brazil	SPN5997A SPN5976A SPN5998A	Input: AC100-240V~50/60Hz 500 mA Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A	Brazil SKU	DS	XT1929-5
EMEA/APAC	SPN5970A SPN5993A SPN5971A SPN5989A SPN5972A SPN5990A SPN5974A SPN5988A SPN5999A SPN5973A SPN5991A SA18C26729	Input: AC100-240V~50/60Hz 500 mA Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A	EMEA/APAC SKU	SS&DS	XT1929-8

Except listings above, the others are all the same.

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



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