

## Motorola Mobility LLC.

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# 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<br>(XT1929-4) | VZW<br>(XT1929-1) | LATAM<br>(XT1929-6) | Brazil<br>(XT1929-5) | APAC/EMEA<br>(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<br>2.4GHz/5<br>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:

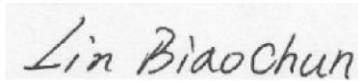
- RF trace: same across NA, EMEA/APAC, LatAm, & BRAZIL SKUs.
- PCB layout: same across NA, EMEA/APAC, LatAm, & BRAZIL SKUs.
- PCBA: for any DS/SS models under the same SKU the same PCBA will be used. For example, EMEA DS/SS will share the same PCBA and the only difference is that SS model will have only 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<br>Canada | SPN5970A<br>SPN5993A                         | Input: AC100-240V~50/60Hz 500 mA<br>Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A | NA SKU    | SS    | XT1929-4                         |
| VZW                     | SPN5970A<br>SPN5993A                         | Input: AC100-240V~50/60Hz 500 mA<br>Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A | VZW       | SS    | XT1929-1                         |
| Mexico                  | SPN5970A<br>SPN5993A                         | Input: AC100-240V~50/60Hz 500 mA<br>Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A | LATAM SKU | DS/SS | XT1929-6<br>XT1929-6<br>XT1929-6 |
| Argentina               | SPN5975A<br>SPN5992A                         | Input: AC100-240V~50/60Hz 500 mA<br>Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A |           | SS    |                                  |
| Rest of LA              | SPN5970A<br>SPN5993A<br>SPN5971A<br>SPN5989A | Input: AC100-240V~50/60Hz 500 mA<br>Output: 5V, 3A or 9V, 1.6A or 12V, 1.2A |           | DS/SS |                                  |

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