

## Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of Super ROW(Non-NFC) SS/DS (XT1955-4), Super ROW(NFC) SS/DS (XT1955-7), LATAM SS/DS(XT1955-2) and Brazil DS(XT1955-1), the detail differences as below:

1. Frequency band difference

<b>RF Functionally Matrix-Same ROW indicates Signal Path is shared among SKUs</b>				
Bands/Modes	Super ROW Non-NFC	Super ROW With NFC	LATAM	Brazil
Model	XT1955-4	XT1955-7	XT1955-2	XT1955-1
FCC ID	IHDT56XQ5	IHDT56XQ4	IHDT56XQ3	IHDT56XQ2
GSM 850	Y	Y	Y	Y
GSM 900	Y	Y	Y	Y
GSM 1800	Y	Y	Y	Y
GSM 1900	Y	Y	Y	Y
LTE 1	Y	Y	Y	Y
LTE 2	Y	Y	Y	Y
LTE 3	Y	Y	Y	Y
LTE 4	Y	Y	Y	Y
LTE 5	Y	Y	Y	Y
LTE 7	Y	Y	Y	Y
LTE 8	Y	Y	N	N
LTE 19	Y	Y	N	N
LTE 20	Y	Y	N	N
LTE 28	Y	Y	Y	Y
LTE 38	Y	Y	N	N
LTE 40	Y	Y	N	N
LTE 41(2535~2655)	Y	Y	N	N
LTE 66	N	N	Y	N
WCDMA 1	Y	Y	Y	Y
WCDMA 2	Y	Y	Y	Y
WCDMA 4	N	N	Y	Y
WCDMA 5	Y	Y	Y	Y
WCDMA 8	Y	Y	Y	Y
WCDMA 19	Y	Y	N	N
WLAN 2.4GHz	Y	Y	Y	Y
Bluetooth	Y	Y	Y	Y
NFC	N	Y	N	N
DTV	N	N	N	Y

2. Board difference

		Super ROW Non-NFC	Super ROW With NFC	LATAM	Brazil
WWAN	IC	WTR3925			
	Component on PCB	See part 3: Band circuit difference for details			

	Antenna	Same across all SKUs			
BT	IC	WCN3615			
	Component on PCB	Same across all SKUs			
	Antenna	Same across all SKUs			
WLAN 2.4GHz	IC	WCN3615			
	Component on PCB	Same across all SKUs			
	Antenna	Same across all SKUs			
NFC	IC	N/A	ST21NFCD	N/A	N/A
	Component on PCB	See part 3: Band circuit difference for details			
	Antenna	N/A	See part 4: Antenna difference for details.	N/A	N/A
SAR cap Sensor	IC	A96T346HW			
	Component on PCB	Same across all SKUs			
	Antenna	Same across all SKUs			

### 3. Band circuit difference

Commodity	Super ROW Non-NFC	Super ROW NFC	LATAM	Brazil
B1 RX SAW(1109)	SFHG40AA002	SFHG40AA002	SAFFB2G15AA0F0A	SFHG40AA002
B4 Duplexer(1814)	SAYEY1G73BA0F0A	SAYEY1G73BA0F0A	D6DA2G155K2T2	SAYEY1G73BA0F0A
B4 RX SAW(1109)	SFHG40AA002	SFHG40AA002	SAFFB2G15AA0F0A	SFHG40AA002
B20 Duplexer(1814)	B39851B8622P810	B39851B8622P810	N/A	N/A
B20 RX SAW(1109)	SFH806BA002	SFH806BA002	N/A	N/A
B66 Duplexer(1814)	N/A	N/A	D6DA2G155K2T2	N/A
B38 TRX SAW	F6FC2G595H4PD	F6FC2G595H4PD	N/A	N/A
B38 RX SAW	SFHG96AA402	SFHG96AA402	N/A	N/A
B40 TRX SAW	SAFFB2G35MA0F0A	SAFFB2G35MA0F0A	N/A	N/A
B40 RX SAW	SFHG52AA002	SFHG52AA002	N/A	N/A
B41 TRX SAW	F6FC2G595H4PD	F6FC2G595H4PD	N/A	N/A
B41 RX SAW	SFHG96AA402	SFHG96AA402	N/A	N/A
B38/40/41 LNA	RTC8606M	RTC8606M	N/A	N/A

### 4. Antenna difference



		Antenna Reuse			
		Super ROW Non-NFC	Super ROW NFC	LATAM	Brazil
ANT1	Main ANT	same antenna			
ANT2	Div ANT	same antenna			
ANT3	2.4G&GPS	same antenna			
ANT4	NFC	N/A	support	N/A	N/A

■ 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.

Except for difference listed above:

- RF trace: same across Super ROW Non-NFC, Super ROW NFC, LATAM& Brazil SKUs.
- PCB layout: same across Super ROW Non-NFC, Super ROW NFC, LATAM& Brazil SKUs.
- 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 are the

same between Super ROW Non-NFC, Super ROW NFC, LATAM& Brazil SKUs.

- NFC antenna type, antenna pattern, antenna location and chipset: Super ROW Non-NFC, LATAM& Brazil SKU do not support NFC, Super ROW NFC SKU support NFC function.

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,



---

Contact Person: Dai Lihua

COMPANY: Motorola Mobility LLC.

Tel:86-18150396535

E-Mail: [dailh@lenovo.com](mailto:dailh@lenovo.com)