

Motorola Mobility LLC.

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Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of

The differences between Ashley lite-India, Ashley lite-RoAP, Ashley lite-EMEA, Ashley lite-LATAM as below:

1. Frequency band difference

Radio Functionality Matrix -Same Row indicates Signal Path is Shared among SKUs					
Bands/Modes	Ashley lite -India	Ashley lite -RoAP	Ashley lite -EMEA(DS)	Ashley lite -EMEA(SS)	Ashley lite -LATAM
Model name	XT1944-5	XT1944-6	XT1944-2	XT1944-1	XT1944-3(SS), XT1944-4(DS)
FCC ID	n.a.	IHDT56XF5	IHDT56XF3	IHDT56XF6	IHDT56XF4
GSM 850	✓	✓	✓	✓	✓
GSM 900	✓	✓	✓	✓	✓
GSM 1800	✓	✓	✓	✓	✓
GSM 1900	✓	✓	✓	✓	✓
LTE 1	✓	✓	✓	✓	✓
LTE 2	x	x	x	x	✓
LTE 3	✓	✓	✓	✓	✓
LTE 4	x	x	x	x	✓
LTE 5	✓	✓	✓	✓	✓
LTE 7	x	✓	✓	✓	✓
LTE 8	✓	✓	✓	✓	x
LTE 18	x	✓	x	x	x
LTE 19	x	✓	x	x	x
LTE 20	x	x	✓	✓	x
LTE 26	x	✓	x	x	x
LTE 28	x	✓	x	x	✓
LTE 38	✓	✓	✓	✓	x
LTE 40	x	x	x	x	x
LTE 41(120M)	✓	✓	x	x	x
WCDMA 1	✓	✓	✓	✓	✓
WCDMA 2	✓	✓	✓	✓	✓
WCDMA 4	x	x	x	x	✓
WCDMA 5	✓	✓	✓	✓	✓
WCDMA 8	✓	✓	✓	✓	✓
WCDMA 19	x	✓	x	x	x
WLAN 2.4GHz	✓	✓	✓	✓	✓
WLAN 5GHz	x	x	x	x	x
Bluetooth	✓	✓	✓	✓	✓
DTV	x	x	x	x	x
NFC	x	x	x	✓	x

2. Board difference

		Ashley -India	Ashley -RoAP	Ashley -EMEA(DS)	Ashley -EMEA(SS)	Ashley -LATAM
Model name		XT1944-5	XT1944-6	XT1944-2	XT1944-1	XT1944-3(SS), XT1944-4(DS)
WWAN	IC	WTR2965				
	component on PCB	See part 3: Band circuit difference for details.				
	Antenna	With the same antenna pattern and match				
BT	IC	WCN3615				
	component on PCB	Same across all SKUs				
	Antenna	With the same antenna pattern and match				
WLAN 2.4GHz	IC	WCN3615				
	component on PCB	Same across all SKUs				
	Antenna	With the same antenna pattern and match				
NFC	IC	x	x	x	NQ310	x
	component on PCB	x	x	x	✓	x
	Antenna	x	x	x	✓	x
E-com pass	IC	NA				
	component on PCB	NA				
	Antenna	NA				
SAR cap Sensor	IC	SX9310				
	component on PCB	Same across all SKUs				
	Antenna	NA				

3. Band circuit difference

		Ashley-India	Ashley-RoAP	Ashley-EMEA	Ashley-LATAM
Model name		XT1944-5	XT1944-6	XT1944-2(DS), XT1944-1(SS)	XT1944-3(SS), XT1944-4(DS)
LTE 4	Circuit	same			
	component	No component	No component	No component	PJ-D6DA2G132K2D4-Z&& WS7802LR-6/TR
LTE 7	Circuit	same			
	component	No component	SAYEY2G53BC0F0AR0 *& SFHG56BA002	SAYEY2G53BC0F0AR0 *& SFHG56BA002	SAYEY2G53BC0F0AR 0*& SFHG56BA002
LTE 20	Circuit	same			
	component	No component	No component	SFX806BYH02& SFH806BA002	No component
LTE 26&B5	Circuit	same			
	component	SD18-0836R8UUQ1	PJD5DA876M5K2P6-Z	SD18-0836R8UUQ1	SD18-0836R8UUQ1

LTE 28	Circuit	same			
	component	No component	SAYEY718MBC0F0AR0 *& SAYEY733MBC0F0AR0 *& SAFFB780MAA0F0AR **	No component	SAYEY718MBC0F0AR 0*& SAYEY733MBC0F0AR 0*& SAFFB780MAA0F0A R**
LTE 38/41	Circuit	same			
	component	SAFFB2G59MA3F0A& SFHG96AA402	SAFFB2G59MA3F0A& SFHG96AA402	SAFFB2G59MA3F0A& SFHG96AA402	No component
LTE 40	Circuit	same			
	component	QM23040T& SFHG52AA002	QM23040T& SFHG52AA002	QM23040T& SFHG52AA002	No component

■ HW section

Except for difference listed above:

- RF trace: same across Ashley-India, Ashley-RoAP, Ashley-EMEA, Ashley-LATAM SKUs.
- PCB layout: same across Ashley-India, Ashley-RoAP, Ashley-EMEA, Ashley-LATAM 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 Ashley-India, Ashley-RoAP, Ashley-EMEA, Ashley-LATAM SKUs
- NFC antenna type, antenna pattern, antenna location and chipset: Only on Ashley-EMEA(Single-card). Ashley -EMEA(Dual-card) ,Ashley-India, Ashley-RoAP and Ashley-LATAM SKUs do 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.

■ 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.