

Motorola Mobility LLC.

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Product Equality Declaration

We, Motorola Mobility LLC. declare on our sole responsibility for the product of EMEA-NA, Emma - NA (TMO), the differences between EMEA-NA, Emma - NA (TMO) as below:

1. Frequency band difference

Radio Functionality Matrix -Same Row indicates Signal Path is Shared among SKUs		
Bands/Modes	Emma-NA	Emma - NA (TMO)
Model name	XT1924-6, XT1924-8	XT1924-7
FCC ID	IHDT56XA1	IHDT56XA2
GSM 850	√	√
GSM 900	√	√
GSM 1800	√	√
GSM 1900	√	√
LTE 1	√	√
LTE 2	√	√
LTE 3	√	√
LTE 4	√	√
LTE 5	√	√
LTE 7	√	√
LTE 8	√	x
LTE 12	√	√
LTE 13	√	√
LTE 14	√	x
LTE 17	√	x
LTE 20	x	x
LTE 25	√	x
LTE 26	√	x
LTE 28	x	x
LTE 29	√	x
LTE 30	√	x
LTE 38	√	√
LTE 40	x	x
LTE 41(FB)	√	√
LTE 66	√	√
LTE 71	x	√
WCDMA 1	√	√
WCDMA 2	√	√
WCDMA 4	√	√
WCDMA 5	√	√
WCDMA 8	√	√
CDMA BC0	√	x
CDMA BC1	√	x
CDMA BC10	√	x

WLAN 2.4GHz	✓	✓
WLAN 5GHz	✓	✓
Bluetooth	✓	✓
DTV	x	x
NFC	x	x

2. Board difference

		Emma-NA	Emma - NA (TMO)
WWAN	IC	WTR3925	WTR3925
	component on PCB	Same across all SKUs	
	Antenna	With the same antenna pattern and match	
BT	IC	WCN3660B	WCN3660B
	Component on PCB	Same across all SKUs	
	Antenna	With the same antenna pattern and match	
WLAN 2.4GHz	IC	WCN3660B	WCN3660B
	component on PCB	Same across all SKUs	
	Antenna	With the same antenna pattern and match	
NFC	IC	x	x
	component on PCB	x	
	Antenna	x	
E-compass	IC	MMC3630KJ	MMC3630KJ
	component on PCB	Same across all SKUs	
	Antenna	With the same antenna pattern and match	
SAR cap Sensor	IC	SX9310	SX9310
	component on PCB	Same across all SKUs	
	Antenna	With the same antenna pattern and match	

3. Band circuit difference

		Emma-NA	Emma - NA (TMO)
LTE 2+25+4+66	Circuit	same	
	component	QM25008	MQ02
LTE 14	Circuit	same	
	component	+ SAYEY763MBA0F0A & SAFFB763MAA0F0A	No component
LTE 5+26	Circuit	same	
	component	PJD5DA876M5K2P6-Z	SAYEY836MBE0F0A
LTE 30	Circuit	same	
	component	+SAYEY2G31BA0F0A & SAFFB2G35KA1F0AR1S	No component
LTE 29	Circuit	same	
	component	+SAFFB722MAA0F0AR1S	No component
LTE 41	Circuit	same	
	component	AS20D	+SAFRD2G59MA0F0A

LTE 71	Circuit	same	
	component	No component	+SAFEY634MAA0F0A & SAYRL634MBA0B0A
LTE 38	Circuit	same	
	component	AS20D	+SAFRD2G59MA0F0A
WCDMA 5	Circuit	same	
	component	PJD5DA876M5K2P6-Z	SAYEY836MBE0F0A
WCDMA 2+4	Circuit	same	
	component	QM25008	MQ02

■ RF section

Except for difference listed above:

- RF trace: same across EMMA NA& TMO SKUs.
- PCB layout: same across EMMA NA& TMO SKUs.
- PCBA: for any models under the same SKU the same PCBA will be used.
- WLAN/BT/GPS/Diversity antenna type, antenna pattern, antenna location, antenna matching value and chipset: Same across EMMA NA& TMO SKUs.
- NFC antenna type: EMMA NA& TMO SKUs does not support NFC.

■ 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 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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