

Motorola Mobility LLC.

222 W, Merchandise Mart Plaza, Chicago IL 60654 USA

Product Equality Declaration

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

The differences between Latam(DS/SS), Brazil (DS), EMEA (DS/SS), APAC(DS), as below:

SKU	EMEA	EMEA	EMEA	APAC	LATAM	LATAM	Brazil
Number of SIM's supported	DS(2+16)	DS(1+16)	SS(1+16)	DS(2+16)	DS(1+16)	SS(1+16)	DS(1+16)
Model Name	9888			10162	9889	9890	10709
FCC ID	IHDT56WE1			IHDT56WE2	IHDT56WE3		IHDT56WE3

■ RF section

1. Frequency band difference

Bands/Modes	Latam(DS/SS)	Brazil(DS)	EMEA(DS/SS)	APAC(DS)
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	N	N	Y	Y
LTE 2	Y	Y	N	N
LTE 3	Y	Y	Y	Y
LTE 4	Y	Y	N	N
LTE 5	Y	Y	Y	Y
LTE 7	Y	Y	Y	Y
LTE 8	N	N	Y	Y
LTE 20	N	N	Y	N
LTE 28	Y	Y	N	N
LTE 38	N	N	Y	N
LTE 40	N	N	Y	Y
WCDMA 1	Y	Y	Y	Y
WCDMA 2	Y	Y	Y	Y
WCDMA 4	Y	Y	N	N
WCDMA 5	Y	Y	Y	Y
WCDMA 8	Y	Y	Y	Y
WLAN 2.4GHz	Y	Y	Y	Y
WLAN 5GHz	N	N	N	N
Bluetooth	Y	Y	Y	Y
DTV	N	Y	N	N

2. Board difference

		LatAm (9889, 9890)	Brazil (10709)	APAC (10162)	EMEA (9888)
WWAN	IC	MT6169	MT6169	MT6169	MT6169
	Component on PCB	See below HW/SW Section			
	Antenna	With the same antenna pattern and matching		With the same antenna pattern and matching	
BT	IC	MT6625L	MT6625L	MT6625L	MT6625L
	Component on PCB	Same across all SKUs			
	Antenna	With the same antenna pattern and matching			
WLAN 2.4GHz	IC	MT6625L	MT6625L	MT6625L	MT6625L
	Component on PCB	Same across all SKUs			
	Antenna	With the same antenna pattern and matching			

■ SW section

Latam/Brazil SKU closed LTE band 1/8 by SW; MEA/APAC SW closed LTE band 2.

■ HW section

- GSM: APAC has different 2g PA with other SKUs.
- WCDMA: EMEA/APAC has different PA with Latam/Brazil for WCDMA BAND 1/2/5/8, EMEA/APAC without Band4 duplex.
- LTE: EMEA/APAC has different PA with Latam/Brazil for LTE band 3/5/7; EMEA/APAC without Band4 duplex; EMEA/APAC SKU without Band4 duplex; APAC/Latam/Brazil without Band20 duplex; EMEA/APAC without Band28 duplex; APAC/Latam without Band38 TRX saw; Latam without Band40 TRX saw
- PCB layout: same across EMEA, APAC, Latam& BRAZIL SKUs.
- RF trace: same across 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 share the same antenna type, antenna pattern, antenna location, antenna matching value and chipset;
- WWAN antenna, same pattern and matching for EMEA and APAC skus; same pattern and matching for LatAm, BRAZIL skus.

■ Mechanical section

There is no difference in mechanical design and materials used for all SKUs. There are differences in terms of memory configuration and number of SIM's supported across different SKUs.

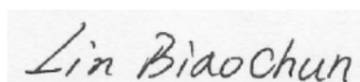
Region	Country / Sub-region	RF SKU	SIM	Memory	Lacrosse	FCC ID
LA	Rest of LA	LA SKU	SS	1+16GB	9890	IHDT56WE3
	Rest of LA	LA SKU	DS	1+16GB	9889	
Brazil	Brazil	LA SKU w/ DTV	DS	1+16GB	10709	IHDT56WE3
EMEA	EMEA	EMEA SKU	SS	1+16GB	9888	IHDT56WE1
	EMEA		DS	1+16GB		
	EMEA		DS	2+16GB		
APAC	APAC	APAC SKU	DS	2+16GB	10162	IHDT56WE2

- EMEA, APAC, LatAm, BRAZIL SKUs will use adaptor.

Country / Sub-region	TRADE / MODEL	DESCRIPTION	SIM
EMEA/APAC/LA/Brazil	SPN5945A US/ SPN5944A EU/ SPN5940A UK/ SPN5946AIN/ SPN5942A AR/Brazil	Input: AC100-240V~50/60Hz 300 mA Output: 5.2V, 2A	DS/SS

Except listings above, the others are all the same.

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



Contact Person: Lin Biaochun

COMPANY: Motorola Mobility LLC.

Tel: 86-18150396560

E-Mail: Linbc@lenovo.com