



## Declaration of changes from A509DL to A509DL

● **SOFTWARE MODIFICATIONS:**

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: No
- Other changes detailed:
  1. The LTE modem capability changed from category 6 to category 4
  2. Does not support CA bands

● **HARDWARE MODIFICATIONS:**

- Band changes: No
- PCB Layout changes: No
- Main RF components changes:

	Antenna	Base Band (BP)	Base Band (AP)	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter	Duplexer
<b>GSM850</b>	No	No	Yes	No	No	No	No	No	No
<b>GSM900</b>	No	No	Yes	No	No	No	No	No	No
<b>GSM1800</b>	No	No	Yes	No	No	No	No	No	No
<b>GSM1900</b>	No	No	Yes	No	No	No	No	No	No
<b>UMTS1900</b>	No	No	Yes	No	No	No	No	No	No
<b>UMTS1700</b>	No	No	Yes	No	No	No	No	No	No
<b>UMTS850</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 2</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 4</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 5</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 12</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 13</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 25</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 26</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 41</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 66</b>	No	No	Yes	No	No	No	No	No	No
<b>LTE 71</b>	No	No	Yes	No	No	No	No	No	No
<b>Bluetooth</b>	No	No	No	No	No	No	No	No	No
<b>WiFi</b>	No	No	No	No	No	No	No	No	No

- FM changes: No
- LCD/ Speaker/ Camera/ Vibrator changes: No
- Other changes detailed:

● **MECHANICAL MODIFICATIONS:**

- Use new metal front/back cover or keypad: No
- Mechanical shell changes:
  - Whole size of EUT: No
  - Distance of Ear reference point to bottom of handset: No
  - Other trinkets to change the surface of handset: No

➤ Other changes detailed:

**APPROVED BY:**

Project Manager: Li Rui

Handwritten signature in Chinese characters, reading '李蕊' (Li Rui).

Signature:

Date: 2021-12-16