

Declaration of changes from A501DL to 5005R

● SOFTWARE MODIFICATIONS:

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: No
- Other changes detailed: OS change from Android O to Android P GO, 16QAM uplink modulation is deleted in WCDMA bands.

● HARDWARE MODIFICATIONS:

- Band changes: YES, 4G band change, A501DL: LTE B2/4/5/12/13/66/71; 5005R: LTE B2/4/5/12/14/30
- PCB Layout changes: No

➤ Main components	Antenna	Baseband	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter	Duplexer
GSM850	Yes	NO	NO	NO	NO	NA	NO	NO
GSM900	Yes	NO	NO	NO	NO	NA	NO	NA
GSM1800	Yes	NO	NO	NO	NO	NA	NO	NA
GSM1900	Yes	NO	NO	NO	NO	NA	NO	Yes
UMTS1900	Yes	NO	NO	NO	NO	NA	NO	Yes
UMTS1700	Yes	NO	NO	NO	NO	NA	Yes	Yes
UMTS850	Yes	NO	NO	NO	NO	NA	NO	NO
LTE 2	Yes	NO	NO	NO	NO	NA	NO	Yes
LTE 4	Yes	NO	NO	NO	NO	NA	Yes	Yes
LTE 5	Yes	NO	NO	NO	NO	NA	NO	NO
LTE 12	Yes	NO	NO	NO	NO	NA	NO	NO
LTE 13(remove)	NA	NA	NA	NA	NA	NA	NA	NA
LTE 14(add)	Yes	NO	NO	NO	NO	NA	Yes	Yes
LTE 30(add)	Yes	NO	NO	NO	NO	NA	Yes	Yes
LTE 66(remove)	NA	NA	NA	NA	NA	NA	NA	NA
LTE 71(remove)	NA	NA	NA	NA	NA	NA	NA	NA
Bluetooth	Yes	NO	NO	NA	NA	NO	NO	NA
WiFi	Yes	NO	NO	NA	NA	NO	NO	NA
GPS	Yes	NO	NO	NA	NA	NO	NO	NA

- FM changes: No
- Other components changes:
LCD/ Speaker/ Camera/ Vibrator changes: Yes, change speaker/receive
- Other changes detailed:
change memory

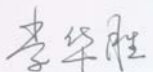
● MECHANICAL MODIFICATIONS:

- 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:

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Signature:



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