

## Declaration of changes from T609DL to T609L

General: **T609L** is a variant product of **T609DL**:

### ● SOFTWARE MODIFICATIONS:

- OS update (e.g. from Android 12 to 13) / change (e.g. from Android to other OS) : **No**
- Protocol Stack changes: **No**
- MMS/STK/USAT/USIM changes: **No**
- DM/SUPL/VT/FUMO/SWP/HCI: **No**
- Other changes detail: **Enable n2/5 SA, and n12/48 NSA & SA through modem driver, hardware had no change.**  
**Disable some LTE Bands & NR bands like LTE B3/20/28 and NSA n30 through software, hardware had no change**

Model	Frequency Band	CA Bands
T609DL	2G: 850/900/1800/1900 3G: B1/2/4/5/8 4G: B2/3/4/5/7/12/13/20/25/26/28/41HPUE/48/66/ 71 5G SA&NSA : n25(40MHz)/41(100MHz)HPUE/66/71/77(100 MHz)HPUE 5G NSA:n2/5/30	Bands Details as attachd "Bands list"
T609L	2G: 850/900/1800/1900 3G: B1/2/4/5/8 4G: B2/4/5/7/12/13/25/26/66/71/41/48 5G NSA: n2/5/12(add)/25/41(PC2 HPUE)/48(PC3)(Add)/66/71/77(PC2 HPUE)  5G SA: n2(Add)/5 (add) /12 (add)/25/41(PC2 HPUE)/48(PC3)(Add)/66/71/77(PC2 HPUE)	Bands Details as attachd "Bands list"

### HARDWARE MODIFICATIONS:

- Baseband changes: **No**
- Band changes: **No** Main bands for conformance testing changes : **No**

Product	GSM	UMTS	LTE	LTE CA	5G NR SA	5G NR NSA
T609DL	No	No	No	No	No	No
T609L	No	No	No	No	No	No

Band change details for LTE CA/5G NR SA/NSA: (if applicable)

Technology	T609DL	T609L
LTE CA	Bands Details as attachd "Bands list"	Bands Details as attachd "Bands list"
5G EN-DC	Bands Details as attachd "Bands list"	Bands Details as attachd "Bands list"
5G NR-CA	Bands Details as attachd "Bands list"	Bands Details as attachd "Bands list"

- PCB layout/material changes: No
- Main components changes:

GSM	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
GSM 850	No	No	No	No	No	No	No
GSM 900	No	No	No	No	No	No	No
GSM 1800	No	No	No	No	No	No	No
GSM 1900	No	No	No	No	No	No	No

UMTS	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
UMTS FDD I	No	No	No	No	No	No	No
UMTS FDD II	No	No	No	No	No	No	No
UMTS FDD IV	No	No	No	No	No	No	No
UMTS FDD V	No	No	No	No	No	No	No
UMTS FDD VIII	No	No	No	No	No	No	No

LTE	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
LTE B2	No	No	No	No	No	No	No
LTE B4	No	No	No	No	No	No	No
LTE B5	No	No	No	No	No	No	No
LTE B7	No	No	No	No	No	No	No
LTE B12	No	No	No	No	No	No	No
LTE B13	No	No	No	No	No	No	No
LTE B25	No	No	No	No	No	No	No
LTE B26	No	No	No	No	No	No	No
LTE B48	No	No	No	No	No	No	No
LTE B66	No	No	No	No	No	No	No
LTE B71	No	No	No	No	No	No	No
LTE B41 (PC2 HUPE)	No	No	No	No	No	No	No
LTE B48 (PC3)	No	No	No	No	No	No	No

NR	Base Band	Antenna	Transceiver	ASM	Power Amplifier	Tx SAW Filter	Rx SAW Filter (SAW Duplexer)
NR n2	No	No	No	No	No	No	No
NR n5	No	No	No	No	No	No	No
NR n12 (New Add)	No	No	No	No	No	No	No
NR n25	No	No	No	No	No	No	No
NR n41 (PC2 HPUE)	No	No	No	No	No	No	No
NR n48 (PC3) (New Add)	No	No	No	No	No	No	No
NR n66	No	No	No	No	No	No	No
NR n71	No	No	No	No	No	No	No
NR n77 (PC2 HPUE)	No	No	No	No	No	No	No

Other Radio	Antenna	AP	MODEM	Transceiver	Balun	Band pass filter	Triplexer
Bluetooth	No	No	No	No	No	No	No
Wi-Fi	No	No	No	No	No	No	No

- FM changes: **No**
- GPS changes: **No** (e.g. Saw is different)
- Memory/TP/LCD/ Camera/SIM changes: **No**
- Other changes detailed: **No**

## ● MECHANICAL MODIFICATIONS:

- Use new metal front/back cover or keypad: **No**
- Mechanical shell changes: **No**  
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: **No** (e.g. new mechanical design)

## ● Accessory changes:

- Use new charger/battery/headset/USB cable: **No**

## APPROVED BY:

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Signature:

Date: 2023.04.14

