

Declaration of changes between T312A and T312E

● 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:
SW version changed from support 1sim to support 2SIM
T312A : T312A_1SIM_V1.0_20230826_UNLOCK
T312E : T312E_2SIM_V1.0_20230906_UNLOCK

● HARDWARE MODIFICATIONS:

- Baseband changes: No
- Band changes: No

Main bands for conformance testing changes (Yes/No): No

Product	GSM	UMTS	LTE	LTE CA	5G NR SA	5G NR NSA
T312E	850/900/1800 /1900	B1/2/4/5/8	B1/2/3/4/5/7/8/13/28/ 40	N/A	N/A	N/A
T312A	850/900/1800 /1900	B1/2/4/5/8	B1/2/3/4/5/7/8/13/28/ 40	N/A	N/A	N/A

- 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 B1	No	No	No	No	No	No	No
LTE B2	No	No	No	No	No	No	No
LTE B3	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 B8	No	No	No	No	No	No	No
LTE B13	No	No	No	No	No	No	No
LTE B28	No	No	No	No	No	No	No
LTE B40	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	N/A	N/A	N/A	N/A	N/A	N/A	N/A

- FM changes: No
- GPS changes: N/A (e.g. Saw is different)
- Memory/TP/LCD/ Camera/SIM changes: Yes, change from 1sim to 2sim
- 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:

● **Accessory changes:**

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

● **Update of standards:** No

APPROVED BY:

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Signature:

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