

Declaration of changes

● SOFTWARE MODIFICATIONS:

- Protocol Stack changes: No
- MMS/STK/USAT/USIM changes: No
- DM/SUPL/VT/FUMO/SWP/HCI: No
- Other changes detailed: No

● HARDWARE MODIFICATIONS:

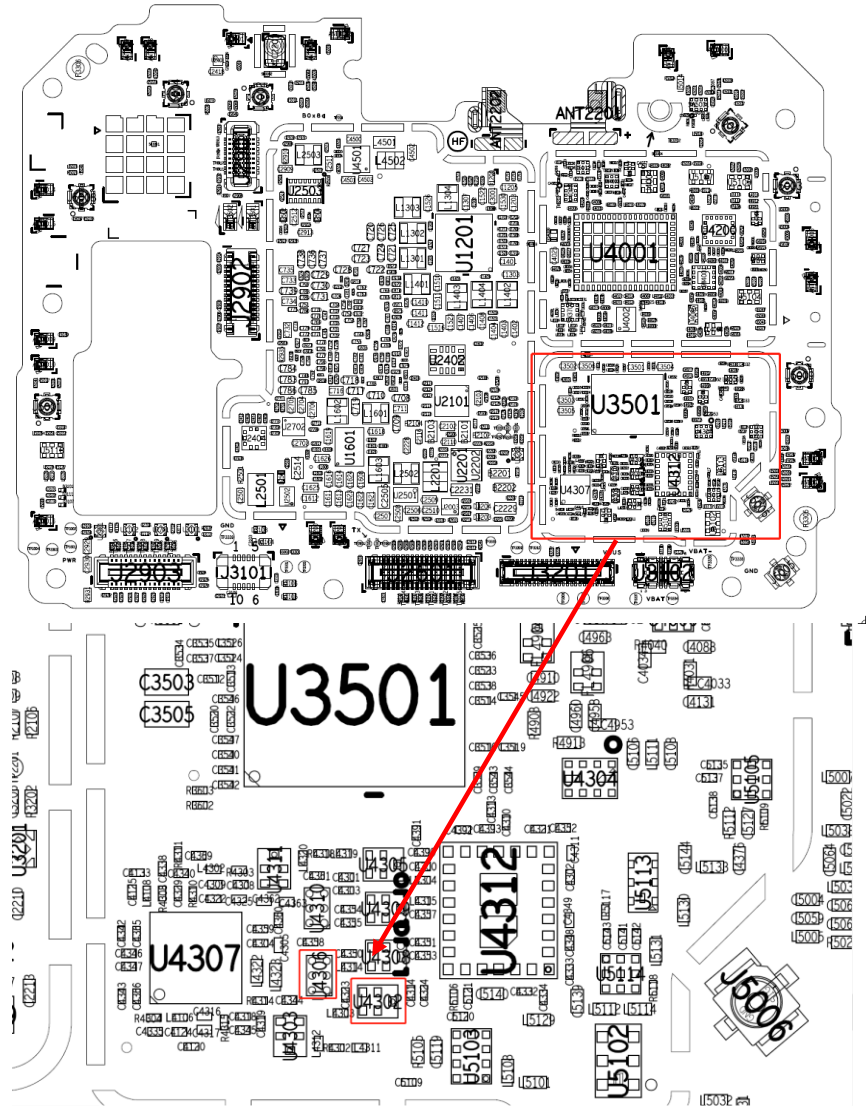
- Platform changes: NO
- PCB Layout changes: NO
- Band changes: **yes**

Differences between the items				Note
Model Name	TA-1448	N1530DL	TA-1476	
GSM:	850, 900, 1800, 1900	850, 900, 1800, 1900	850, 900, 1800, 1900	1、PCB is the same, PCBA is different; Because of the different frequency band, part of the inductance capacitance is also different; and the performance of the same frequency band is not affected 2、N1530DL product is the same as TA-1476 except for the model name.
3G UMTS (WCDMA)	B1,B 2,B 4, B5,	B2, B4, B5	B2, B4, B5	
LTE Bands:	B1, B2, B3, B4, B5, B7, B8, B12, B13, B17, B20, B25, B26, B38, B39, B40, B41, B66, B71	B2, B4, B5, B12, B13, B25, B26, B41,B66, B71	B2, B4, B5, B12, B13, B25, B26, B41 B66, B71	
NR bands	n71, n66, n25, n41,n77	n2, n5, n66, n77, n71, n25, n41	n2, n5, n66, n77, n71, n25, n41	

- Main components change:

2AJOTTA-1448 :have the components U4302 and U4306; 2AJOTTA-1530and 2AJOTTA-1476: not have the components U4302 and U4306 ; the other components of the three SKUs are same;

The different components locations are as below



1.N1530DL and TA1448 share a PCB and there is a difference on the frequency band, hence U4302/U4306 Band20 related items will be removed from BOM, U4302 is saw for B20, U4306 is swith for B20, Does not affect rf performance except for B20

2.LTE B7/17/38/39/40Related devices are integrated in the IC, so it can only be turned off from the software

3.In order not to affect the integrity of the drawing, N1530DL,TA1448 difference frequency band is not differentiated in SCH So to illustrate

- Antenna change: NO
- PA change: NO
- FM changes: NO
- NFC changes: NO
- LCD changes: NO
- Camera changes: NO
- Charge circuit changes: NO
- Vibrator changes: NO
- Memory changes: NO
- GPS&WIFI&BT&FM changes:NO
- MIC changes:NO
- Audio PA changes: NO
- Speaker changes: NO

■ Receiver changes: NO

● **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 changes detailed: No

APPROVED BY:

Certification Engineer:

Signature: *Bonnie Huang*

Date: