

**ZTE CORPORATION****Product Change Description**

As the applicant of the below model, [ZTE Corporation] declares that the product,

[Smart Tab 10]  
[ZTE Corporation]

is the variant of the initial certified product,

[Smart Tab 10]  
[ZTE Corporation]

**SOFTWARE MODIFICATIONS:**

Protocol Stack changes: NO

MMS/STK changes: NO

JAVA changes: NO

Other changes detailed: Software version is change from SmartTab10-MSM8260-V02a-Aug212011-Vodafone-DE to SmartTab10-MSM8260-V02c-Oct192011-Vodafone-DE

**HARDWARE MODIFICATION:**

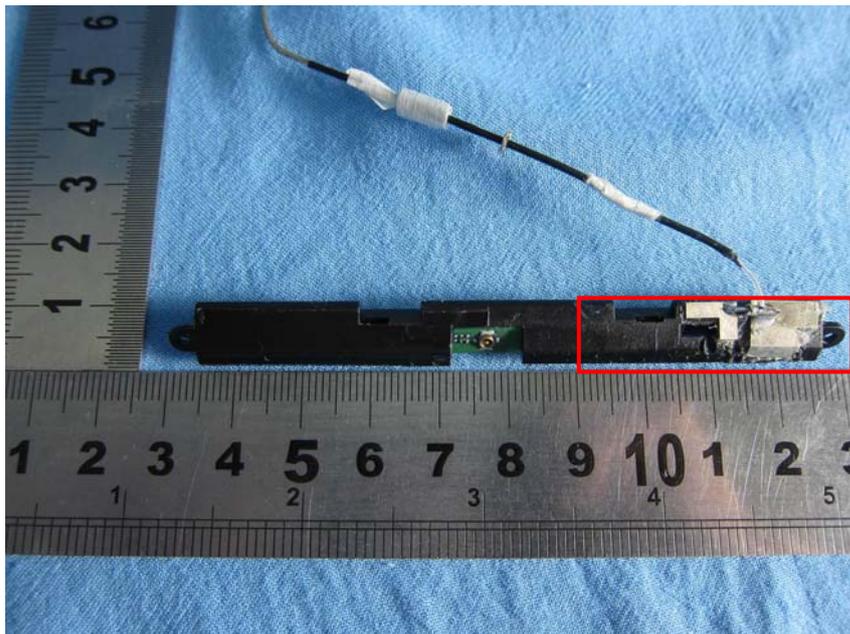
Band changes: NO

Power Amplifier changes: NO

Antenna changes:

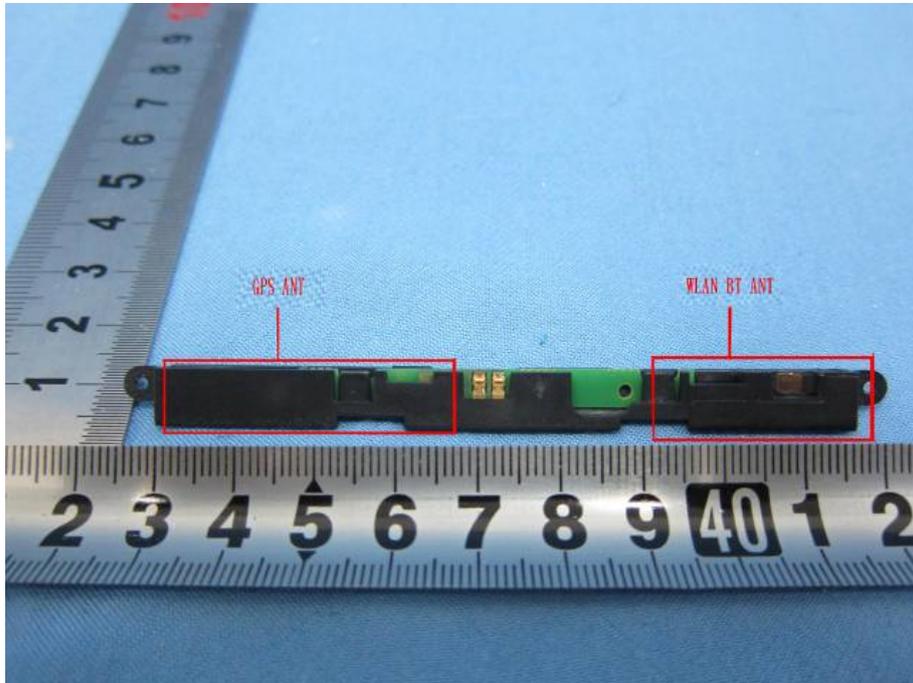
**1、WIFI antenna change:**

Before:



Antenna connects to RF module through RF cable which fix on pcb by RF connector.

After:



Antenna connects to RF module through RF cable which soldered on antenna.

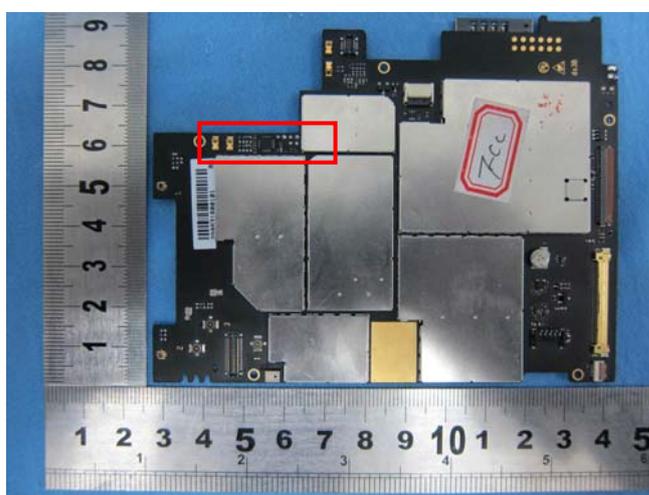
The changes of Wifi antenna does not affect BT. The new Wifi antenna has the good performance.

**2、PCB Layout changes:**

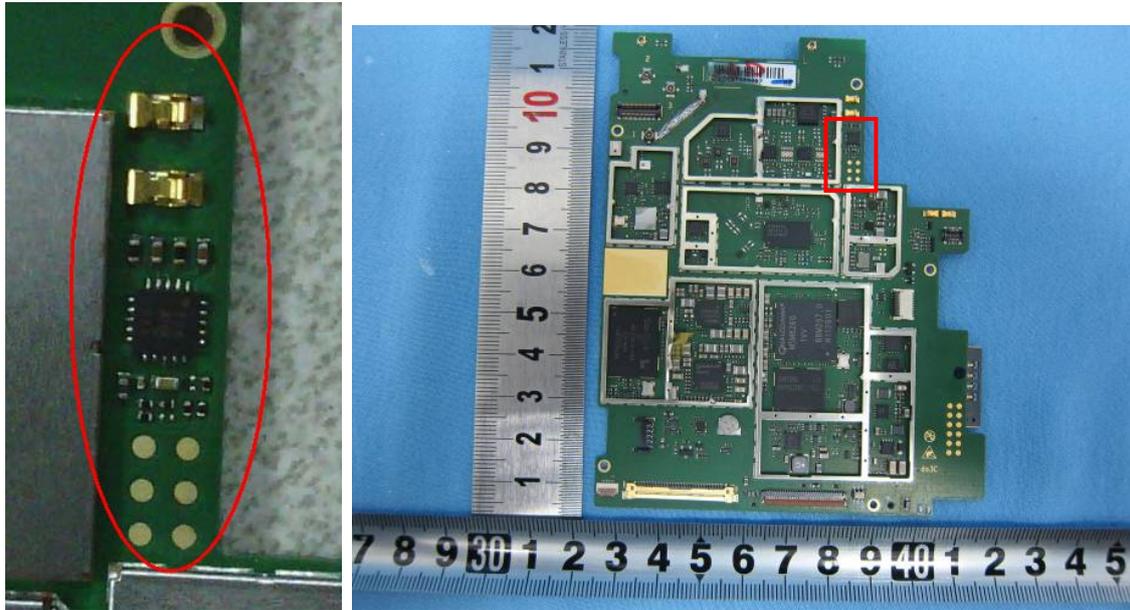
The Layout of RF(W/G,BT,Wifi and GPS) Changes: NO

The Layout of band Changes:

Before:



After:



Delete the unnecessary components, and replace the test points.

Components on PCB changes:

Increase the class D and power of LCD DC-DC enable foot pull-down resistor, in order to reduce the off leakage current.

Increase the pull-down resistor to reduce the off leakage current, on-board function has no effect.

LCD changes: NO

Speaker changes: NO

Camera changes: NO

Vibrator changes: NO

Bluetooth changes: NO

FM changes: NO

Other changes:

1. The colour of the mainboard changed, from black to green, The same PCB stackup
2. Add headphone testing

## **MECHANICAL MODIFICATIONS:**

Use new metal front/back cover or keypad: Yes

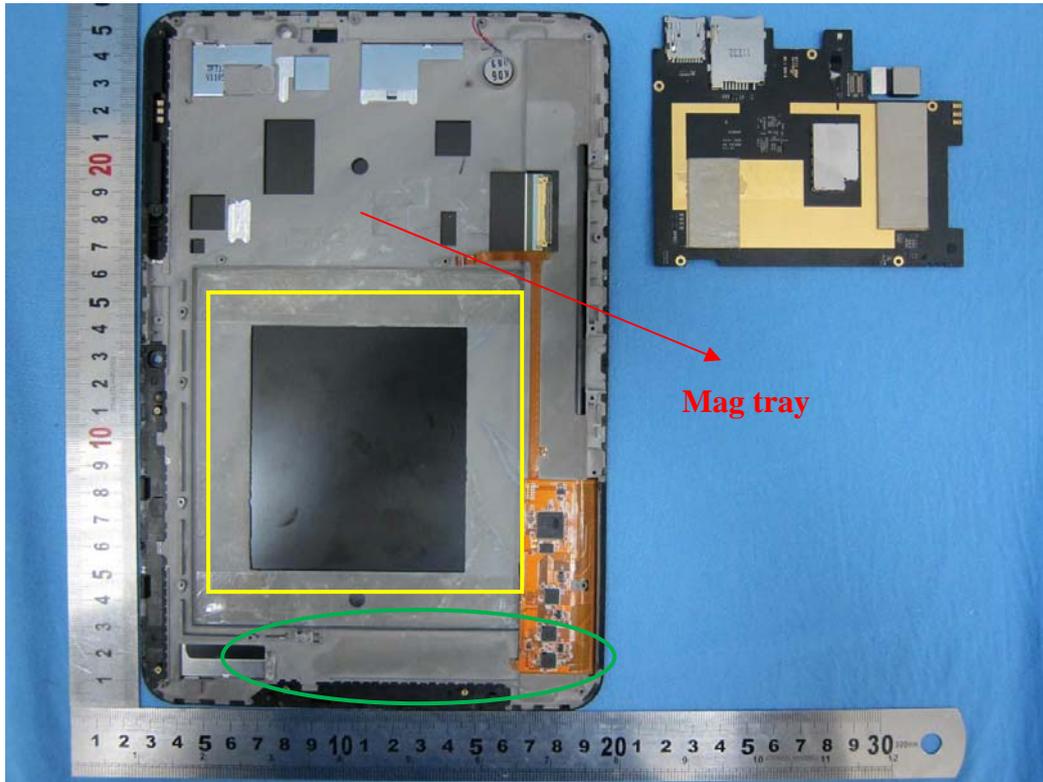
Front-cover:

Mechanical modification: In order to reduce white line or white dots on the LCD display area.

- 1) Reduced the length of rib of battery: yellow part of mag tray.
- 2) Add a reinforcing rib: green part of mag tray.
- 3) Removed 0.1mm in LCD area: another side of mag tray beside to LCD ,it can not be seen clearly in this picture.
- 4) Removed 0.4 mm in LCD PCB area: another side of mag tray beside to LCD, it can not seen clearly in this picture.

5) Add two ribs in FPC area : in order to reduce gaps of front shell.

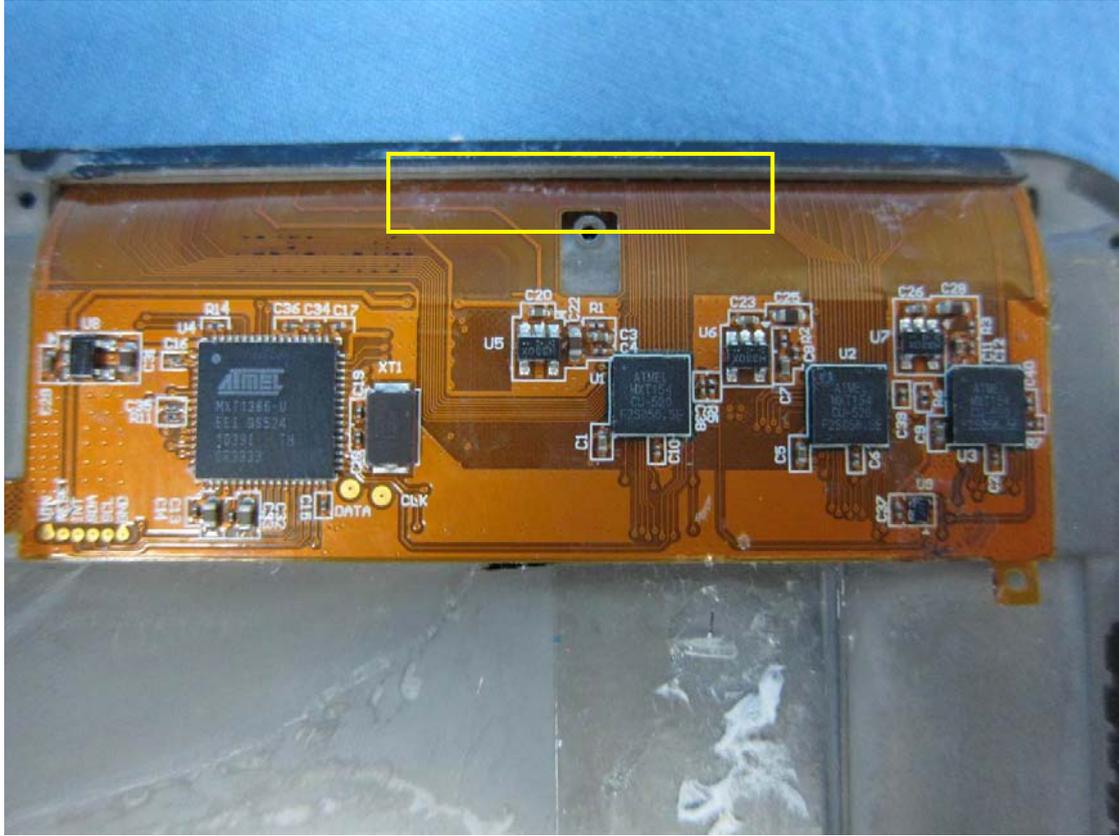
Before:



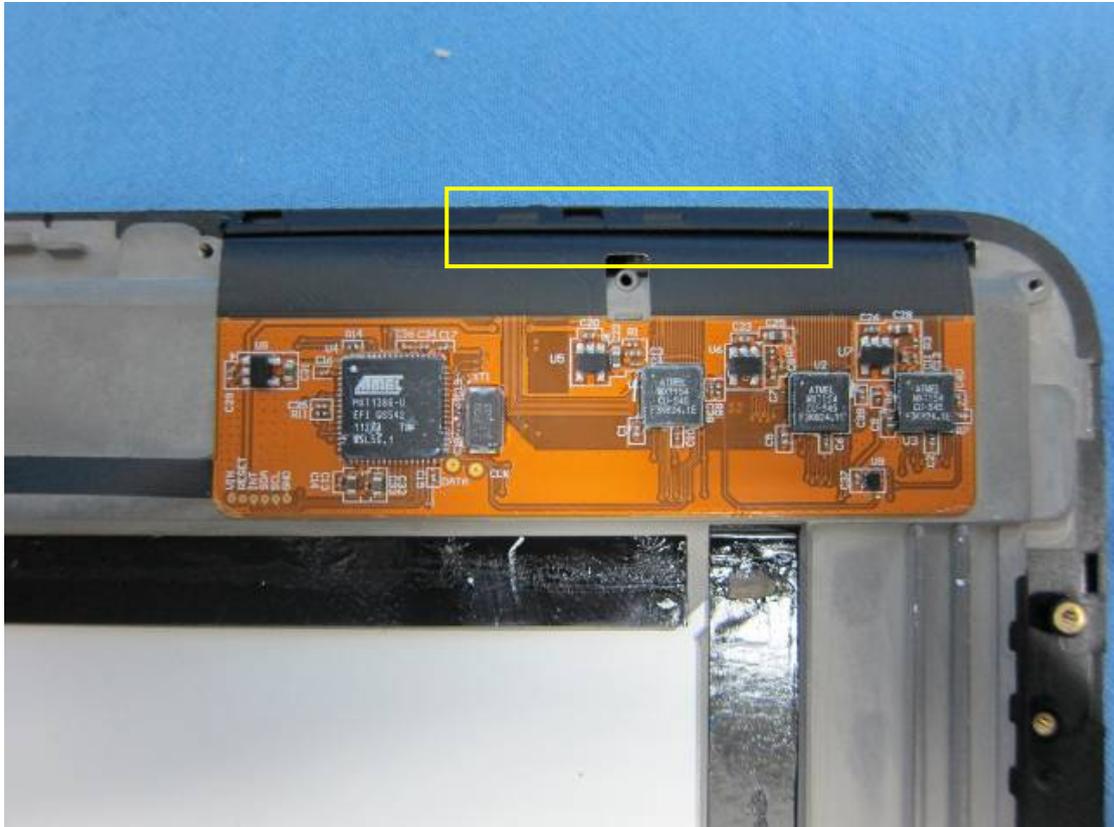
After:



Before:



After:



Mechanical shell changes: NO

Other changes detailed: NO

### **ACCESSORY MODIFICATIONS:**

Battery changes: NO

AC Adaptor changes: NO

Earphone changes: Add headphone in the picture.



According to these changes, New Samples had been sent to certificate testing lab of FCC and CE. The report had been passed , certification is available. The test items including:

FCC:

Part 22, 24 RSE worst case

Part 15C( WiFi- 11b/g/n)- RSE worst case

Part 15E( WiFi- 11a/n)- RSE worst case

Part 15C( BT)- RSE worst case

Part 15B- RE

OET 65C SAR(GSM, WCDMA, WiFi)- worst case

FCC Class II Permissive Change

CE:

EN301511 RSE worst case

EN301893-1 RSE worst case

EN300328( WiFi 802.11b/g/n)- RSE

EN301893( WiFi 802.11a/n)- RSE

EN 301489-1/ -7/ -24/ -17/ -3( worst case)

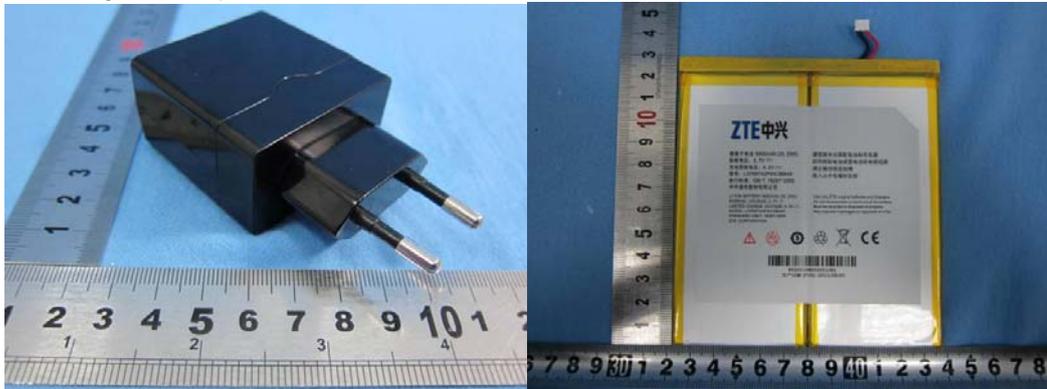
EN62311(EN62209-2)-GSM, WCDMA SAR (Vodafone)

EN55022, EN55024- radiation

EN50332-1

And these changes have not influence other certifications, such as:

- 1) OTA: We don't make changes for main antenna (3G antenna) . Although the gap of magnesium alloy component battery is bigger, but the environment around antennas has been not changed, so antenna OTA performance had no changes either. And WIFI antenna changed, so SAR has been retest.
- 2) WIFI logo: WIFI Protocol Stack has no changes, and WIFI circuit on the PCB has no changes, so WIFI report is ok.
- 3) BQE: BT Protocol Stack has no changes, and BT circuit on the PCB has no changes, so BQE report is ok.
- 4) GCF: GSM/UMTS Protocol Stack has no changes, and RF and baseband circuit about Modem on the PCB has no changes, so GCF report is OK
- 5) Battery、Adaptor : Same with before.



- 6) WEEE&ROHS: These changed parts had been retest in the lab, the new report is available.

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