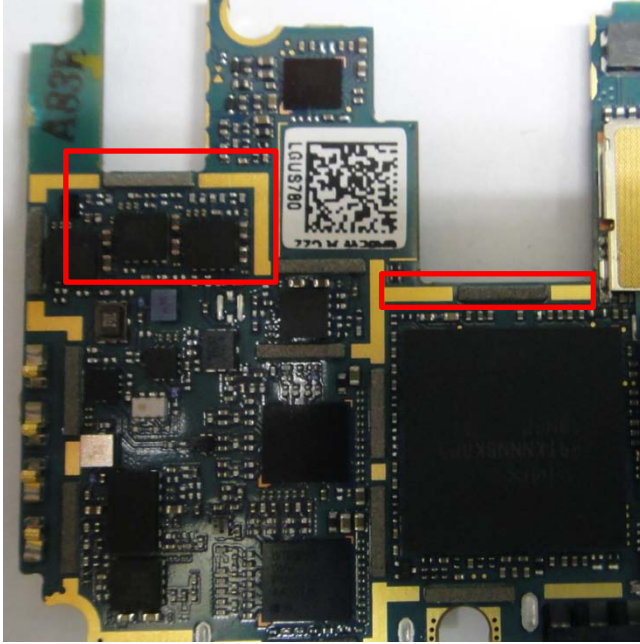
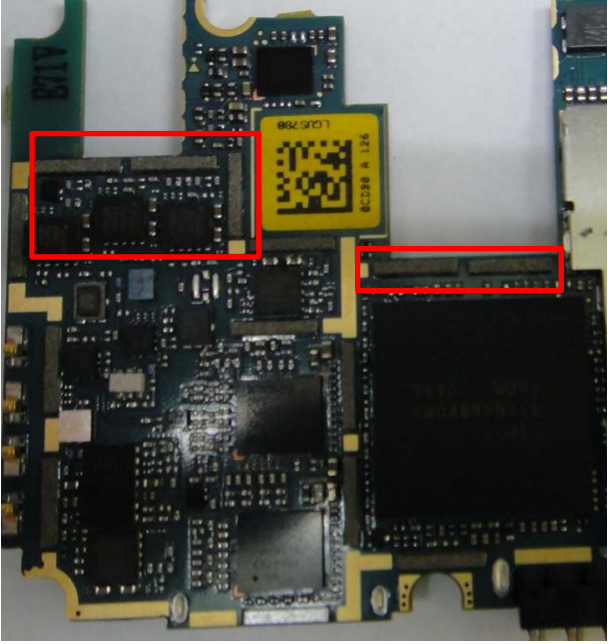
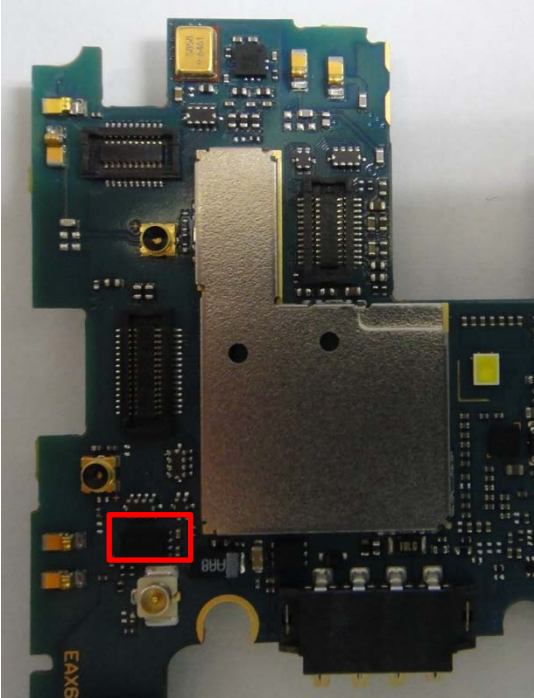
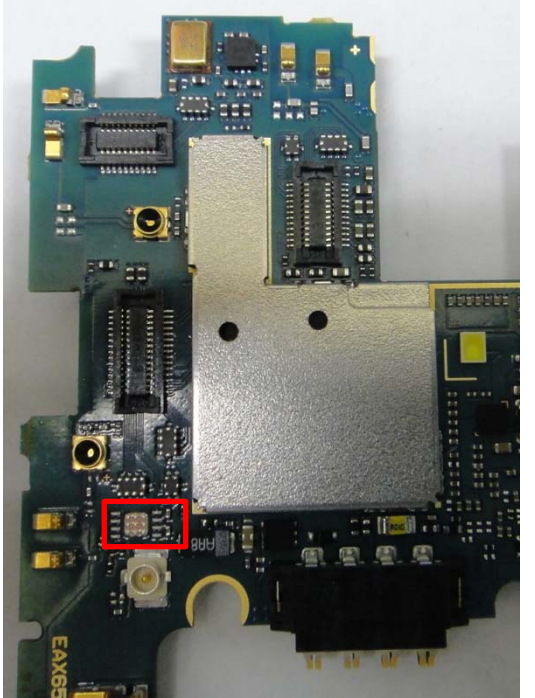


Change Note

※ US780 Change note

Item	Reason	Description	
		Original	Changed
Change Contact parts number of points	Improvement GPS shielding		

Item	Reason	Description	
		Original	Changed
Remove Parts (Fuel gage)	Use Qualcomm BMS algorithm		

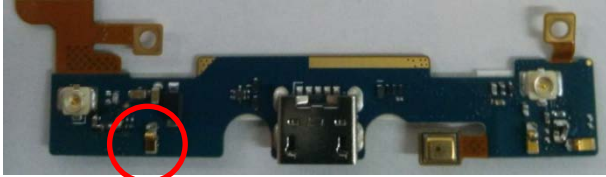
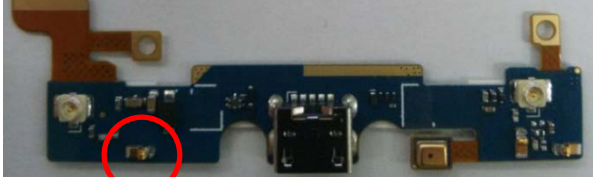
OCT solution for Battery current measuring method has been changed from Fuel gauge Method to BMS method.

Original certification did SMT Fuel gauge components for prevention. We never used this components.

At now, we don't need to remain these components so we remove them.

Change Note

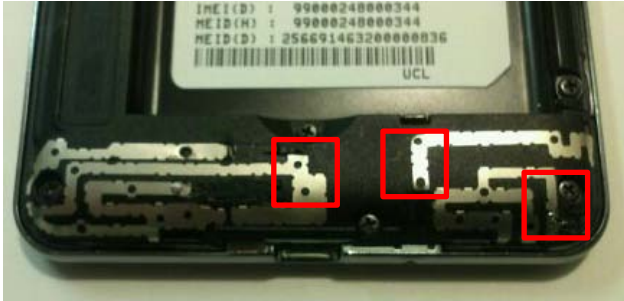
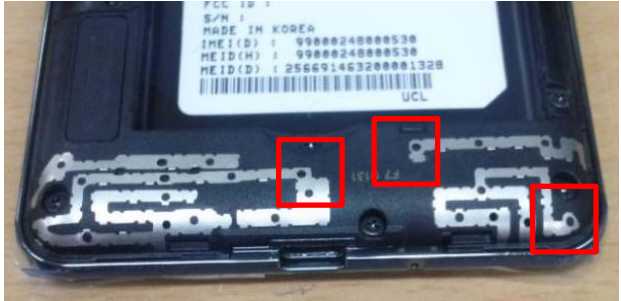
※ US780 Change note

Item	Reason	Description	
		Original	Changed
Rotate antenna contact	Assembly issue		

→ To reliability issues caused by interference with Rear cover and PCB.


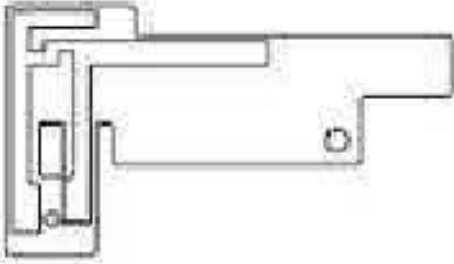

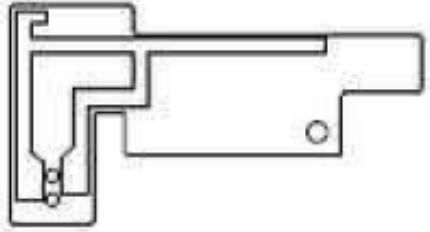
Change Note

※ US780 Change note

Item	Reason	Description	
		Original	Changed
Main antenna has been changed	To improve each radiation performance	 The image shows the internal antenna layout of a mobile phone. A white label at the top contains the following text: IMEI(D) : 99000240000344, MEID(H) : 99000240000344, MEID(D) : 25669146320000036, and UCL. Three red boxes highlight specific components of the antenna system: one on the left side, one in the center, and one on the right side.	 The image shows the updated internal antenna layout. A white label at the top contains the following text: FCC ID : S780, S/N : 99000240000530, MADE IN KOREA, IMEI(D) : 99000240000530, MEID(H) : 99000240000530, MEID(D) : 256691463200001320, and UCL. Four red boxes highlight the updated components: one on the left side, one in the center, one on the right side, and one at the bottom right corner.

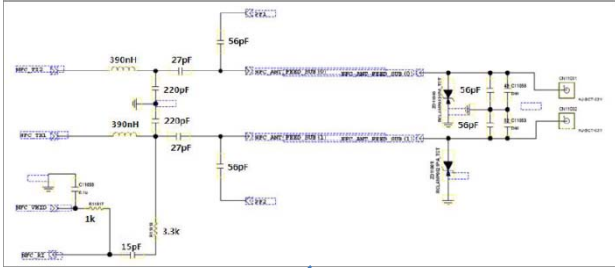
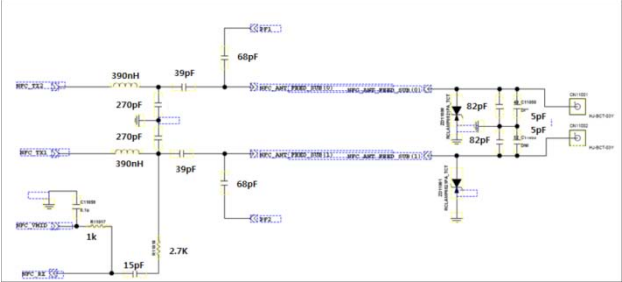
Change Note

※ US780 Change note

Item	Reason	Description	
		Original	Changed
BT/WIFI antenna has been changed	To improve radiation performance and stabilization	 	 

Change Note

※ US780 Change note

Item	Reason	Description	
		Original	Changed
NFC Antenna matching has been changed	To improve radiation performance and stabilization	 <p>The original circuit diagram shows an NFC antenna matching network. It features two input ports, NFC_TX1 and NFC_TX2, each connected to a 350nH inductor. These inductors are followed by 27pF capacitors. The circuit then branches into two parallel paths, each containing a 220pF capacitor in series with a 56pF capacitor. These paths are connected to a matching network consisting of a 56pF capacitor in series with a 50pF capacitor. The output of this network is connected to a 1.5pF capacitor. A 1k resistor is connected to the NFC_TX2 input, and a 1.3k resistor is connected to the output of the matching network. A 2.7k resistor is also present in the circuit.</p>	 <p>The changed circuit diagram shows a revised NFC antenna matching network. It features two input ports, NFC_TX1 and NFC_TX2, each connected to a 390nH inductor. These inductors are followed by 270pF capacitors. The circuit then branches into two parallel paths, each containing a 39pF capacitor in series with a 68pF capacitor. These paths are connected to a matching network consisting of a 82pF capacitor in series with a 5pF capacitor. The output of this network is connected to a 1.5pF capacitor. A 1k resistor is connected to the NFC_TX2 input, and a 2.7k resistor is connected to the output of the matching network. A 68pF capacitor is also present in the circuit.</p>