

DEC. 14, 2020

## Purpose of Change—base unit

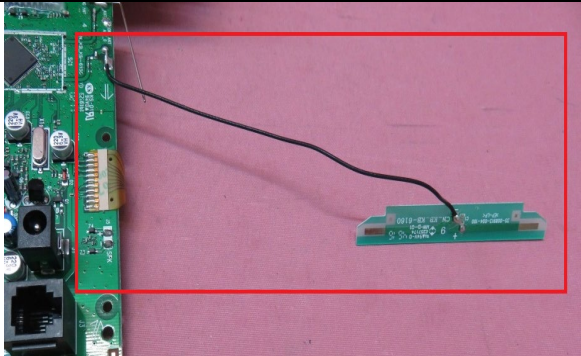
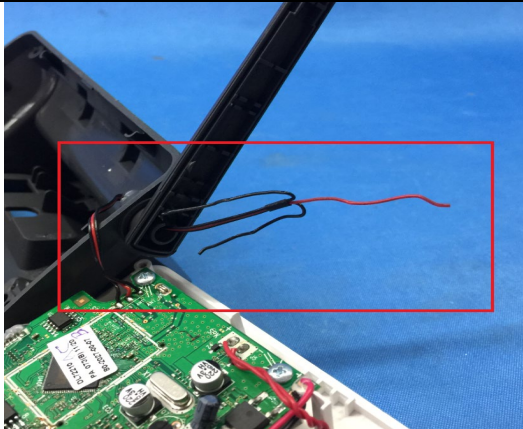
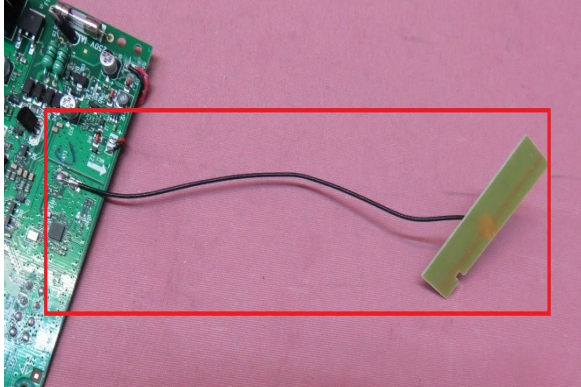
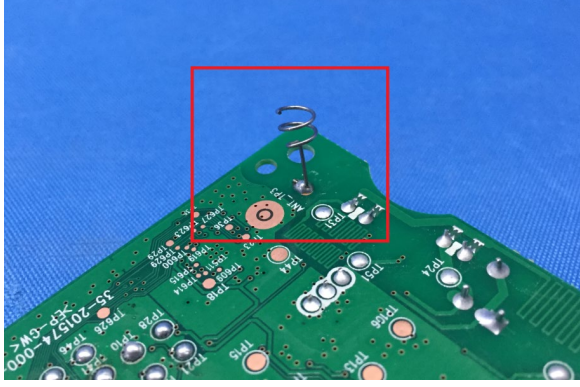
Dear Sir/Madam:

**Re: Application for a Permissive Change Filing with FCC ID: EW780-0835-00.**

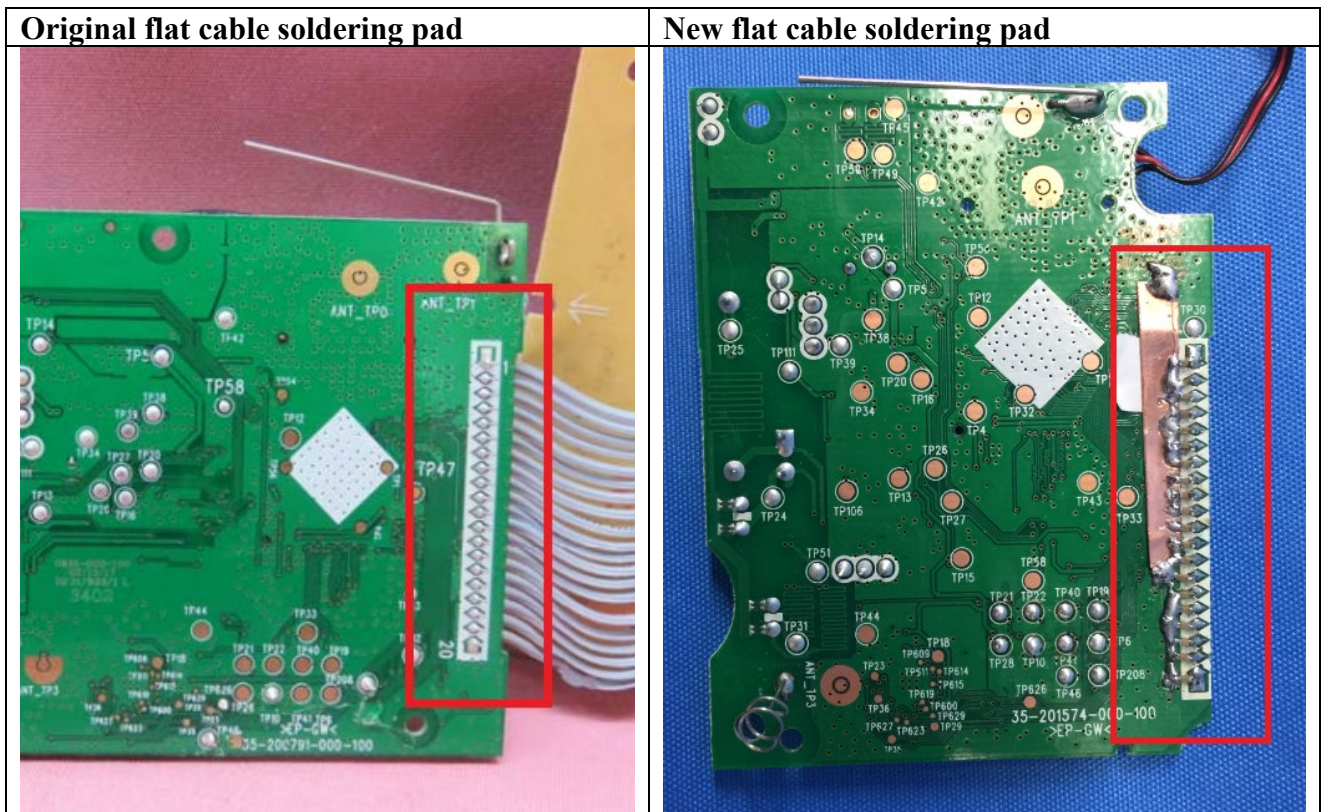
The purpose of this document is to describe all the changes that are made on **BASE Unit** to the re-skin family models **DL72219** from the original model **RT802** in order to meet the requirements.

### **Changes of BS from the original model to the new model:**

- External appearance is the different
- DECT Mic is removed
- Adaptor change to A318 -060040W-US1 Ao Hai, Tenpao and VTPL
- DECT RF matching circuit is different
- Flash is changed from 25Q32JVSIQ to 25Q64FWSIG
- Shield can for RF module was removed
- Base keyboard is different
- DECT Antenna 1 was changed and Antenna gain changed from 0dBi to 2dBi
- Bluetooth Antenna was changed

Original DECT ANT	New DECT ANT
 A photograph showing the original DECT antenna assembly. It consists of a small green printed circuit board (PCB) with a black cable attached, connected to a larger green PCB. A red rectangular box highlights the antenna assembly.	 A photograph showing the new DECT antenna assembly. It features a different PCB design with a red cable and a black antenna element. A red rectangular box highlights the antenna assembly.
Original Bluetooth ANT	New Bluetooth ANT
 A photograph showing the original Bluetooth antenna assembly. It is a small green PCB with a black cable, connected to a larger green PCB. A red rectangular box highlights the antenna assembly.	 A photograph showing the new Bluetooth antenna assembly. It features a different PCB design with a silver antenna element and various components. A red rectangular box highlights the antenna assembly.

- New flat cable soldering pad, each pins to added with 100pF capacitance to ground to improve EMC.



**Similarities of Base Unit between the original model to the new designed model:**

- The same DECT RFIC is used.
- The same Bluetooth RFIC is used.
- Bluetooth RF matching circuit is same
- Base antenna 0 type and gain remain unchanged
- No change in radio parameters has occurred.
- The line interface performance is the same
- RF conducted and radiated emission level is similar.

Sincerely,



Michael Tsui  
Approbation Supervisor