

DEC. 14, 2020

Purpose of Change—base unit

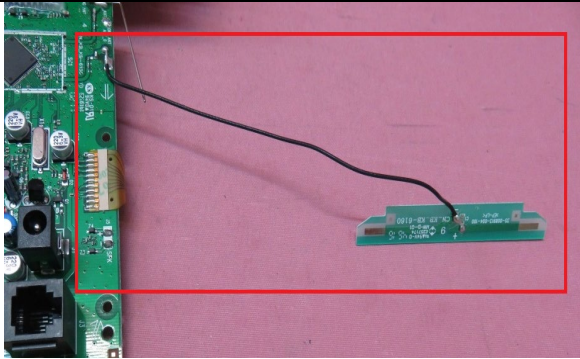
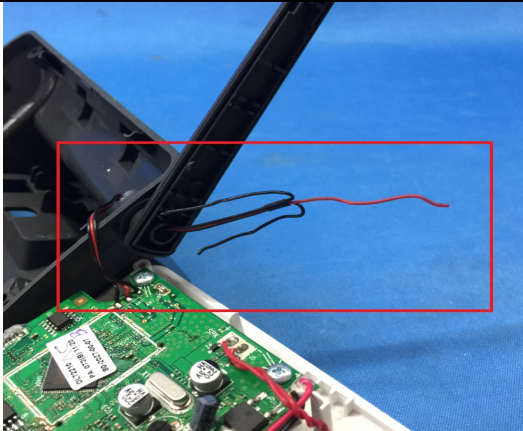
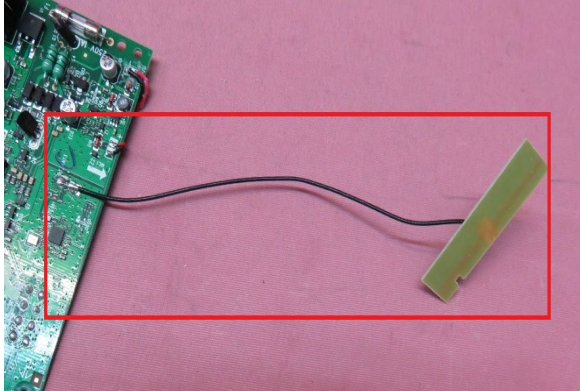
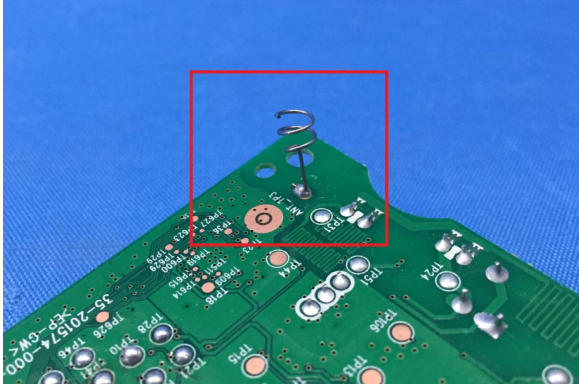
Dear Sir/Madam:

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

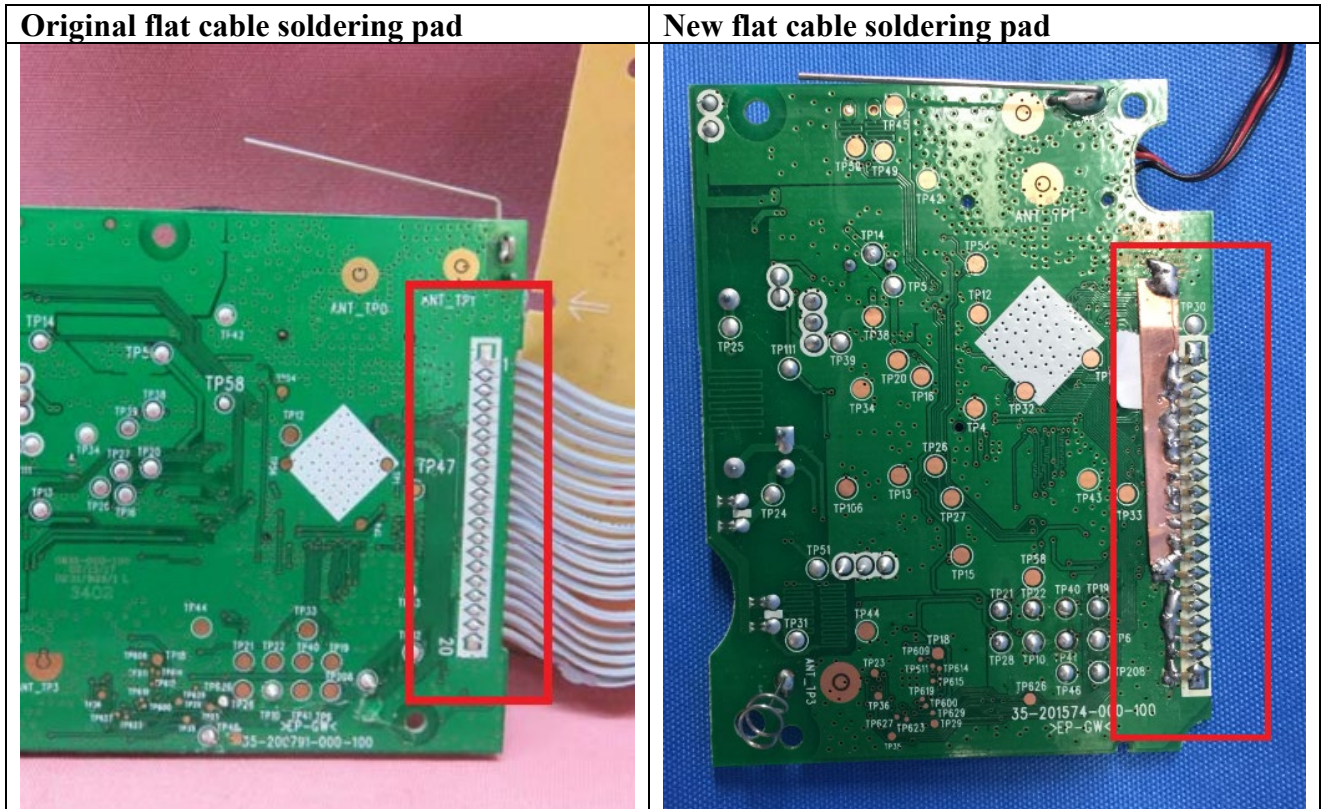
The purpose of this document is to describe all the changes that are made on **BASE Unit** to the re-skin family models **DL72219** from the original model **RT802** in order to meet the requirements.

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
	
Original Bluetooth ANT	New Bluetooth ANT
	

- 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
Approval Supervisor