

## VTech Telecommunications Ltd

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## **Purpose of Change**

Dear Sir/Madam:

Re: Application for a Permissive Change Filing with FCC ID: EW780-6044-00 (Handset), EW780-6044-01(Base)

The purpose of this document is to describe all the changes that are made to the VTECH designed family models, **DS3111-X** which RF module is the same as VTECH DE6010 except the following:

## Changes from the existing DE6010 to the DS3111-X series:

- Handset main board size has little change for new housing. PCB material is changed from FR4 to FR2;
- Handset LCD size is changed due to different ID structure;
- Base main board size had little change for new housing. PCB material is changed from FR4 to FR2;
- Base LED & Key board size is changed different ID structure;
- HS & BS RF board layout has little change. Some trace being moved from top layer to bottom layer. There is no change on RF schematic;
- For base unit, F-type antenna is used instead of wire antenna for different ID structure;
- The outlook of base & handset is not same as previous models

## Similarities between DE6010 and the DS3111-X series:

- Same RF chip set and circuitry
- Same frequency band & channels
- The interface signals to and from the RF part are identical
- The power supply scheme and the DC current consumption are very similar
- Handset uses the same type of antenna

Sincerely,

Ricky Ng

Technical Manager

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