Response to Reviewer 1 Comments

**Point 1:** row 33 - 26 billion (exceed 5 times World population) should be millions.

**Response 1:** ‘billion’ in row 33 was changed to ‘million’. I feel sorry for my carelessness.

**Point 2:** row 61 - HRV is finer?- find adequate expression

**Response 2:** ‘the distinction of HRV is finer’ in row 63 was changed to ‘the frequency band is divided into several parts’. Linear filtering methods can cause more inaccuracy when they are applied to get VLF, LF, HF and VHF than only LF and HF.