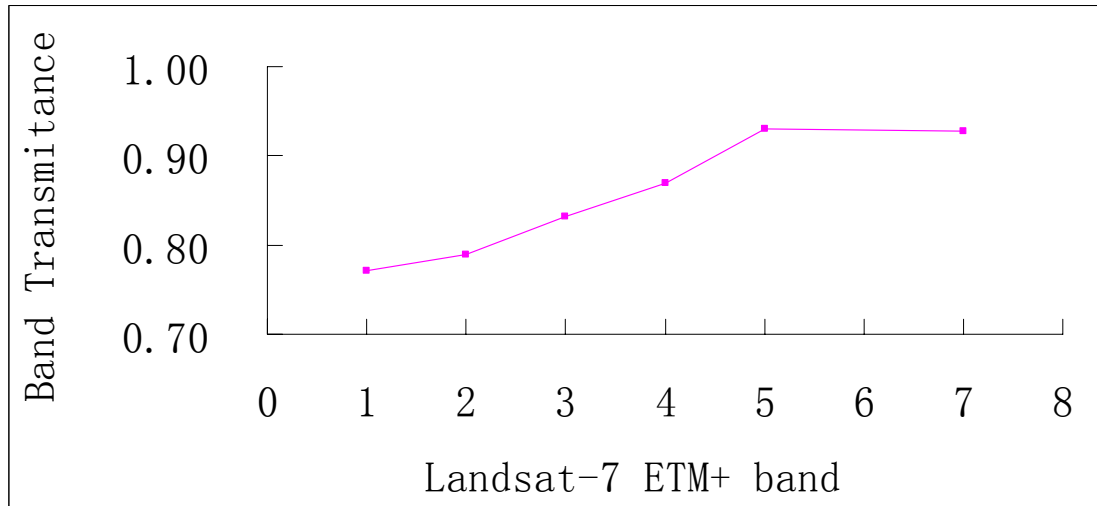
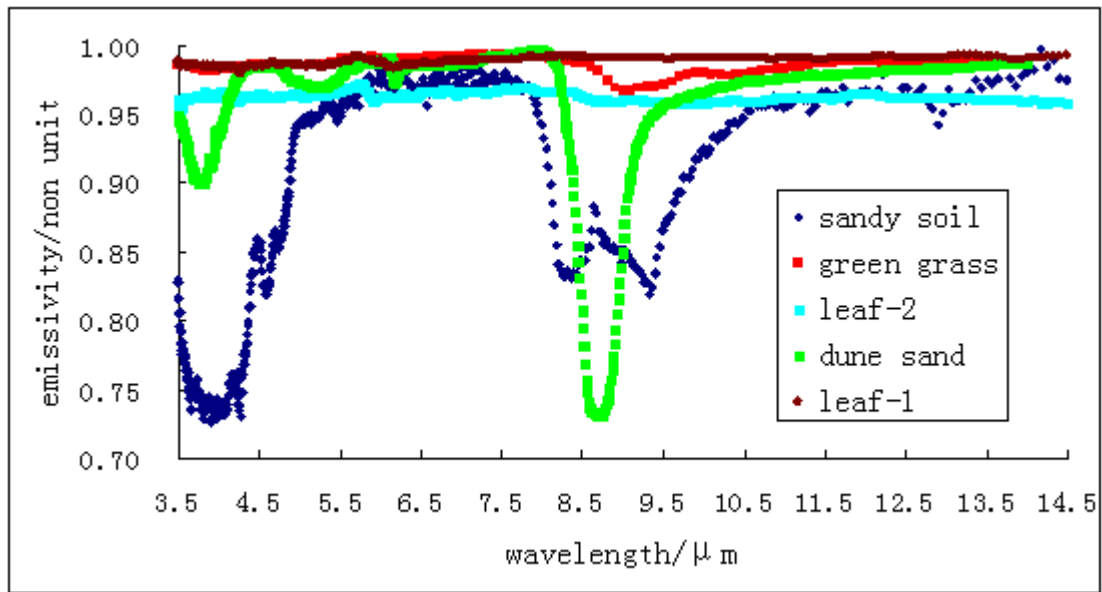


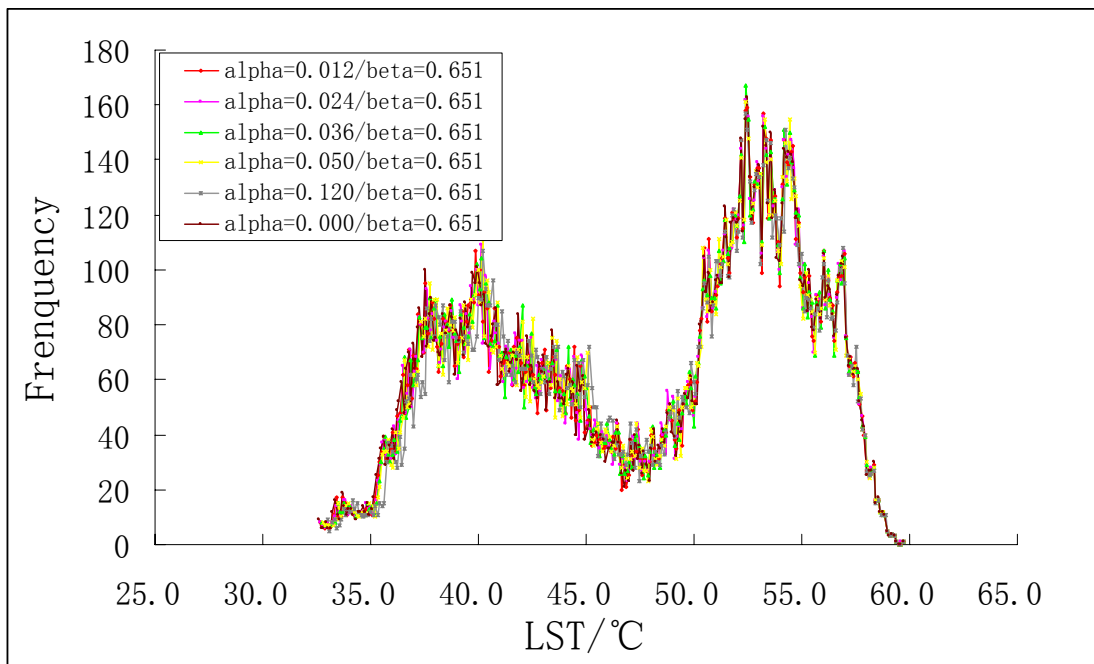
Figures in our response to the comments of referee #1



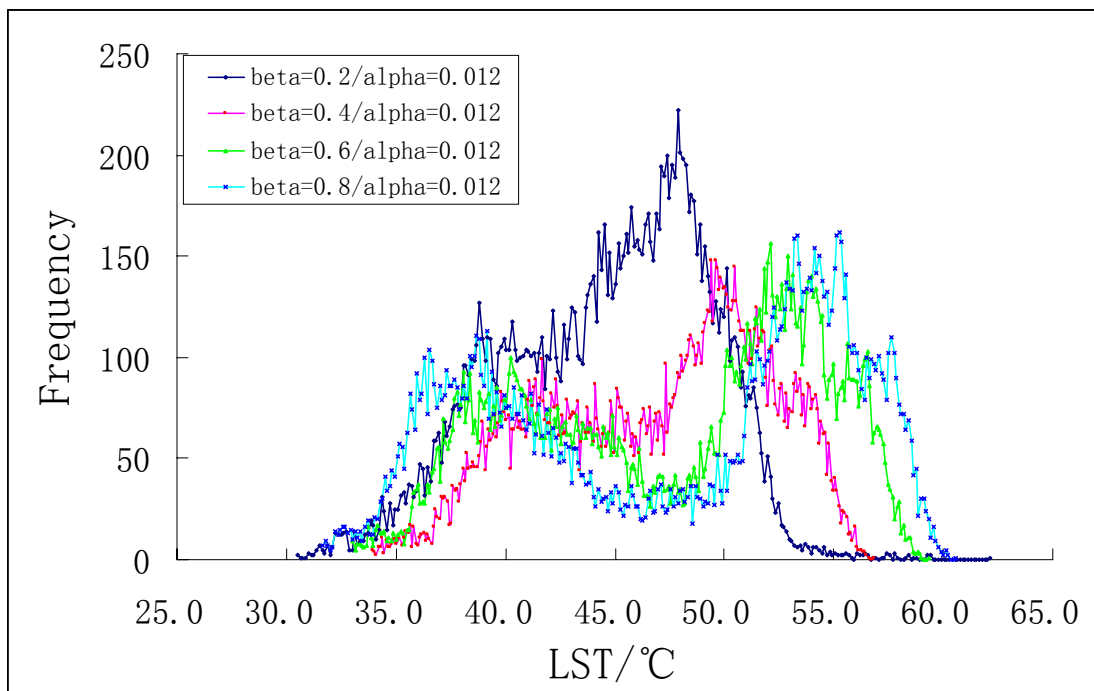
AC-Fig. 1 Landsat-7 ETM+ band transmittance computed using 6S model



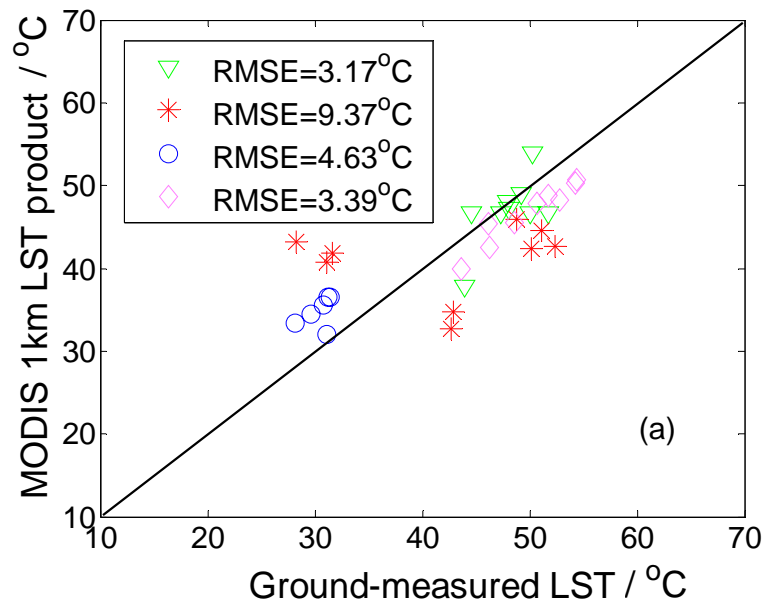
AC-Fig. 2. The emissivity spectrums of five selected materials from MODIS/ASTER emissivity spectral library



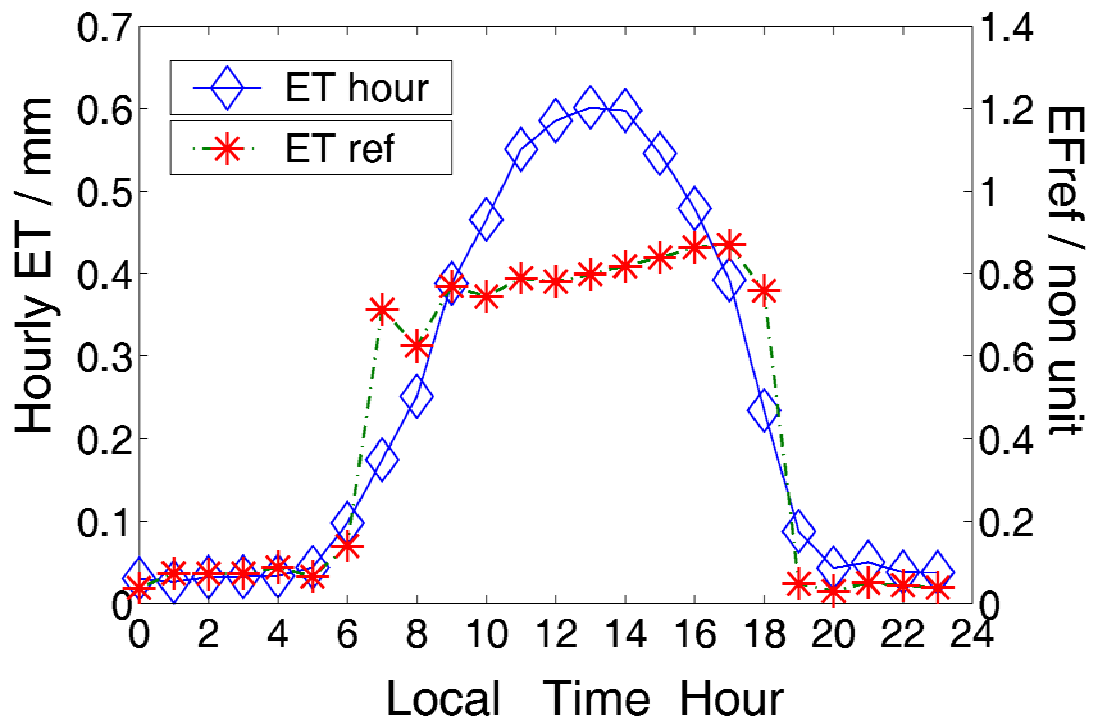
AC-Fig. 3a The sensitivity of our used LST retrieval method to alpha parameter.



AC-Fig. 3b The sensitivity of our used LST retrieval method to beta parameter.



AC-Fig. 4. The new Fig. 2a in our revised manuscript.



AC-Fig. 5. The diurnal variation in Eref for 1# observation site.