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Interactive comment on "Study on multi-parameters of thermal infrared remote sensing anomalies of the Yushu earthquake" *by* X. Lu et al.

X. Lu

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Firstly, I thanks very much for your review. And my answers are below,

1)Which year of the Yushu earthquake in the title?

Reply: I have changed the old title into 'Study on multi-parameters of thermal infrared remote sensing anomalies of the Yushu (China) Ms 7.1 earthquake on April 14, 2010'.

2)What is TBB in abstract?

Reply: I have changed all the TBB in this paper into 'Brightness temperature'.

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3)Do not see any convincing evidence in figures 5, 6, and 7.

Reply: In figure 5, "the anomaly's relative spectral amplitude increased, and anomalies were mainly concentrated in the southern region of the epicenter. Anomaly amplitude and area reached a maximum of about 8 on 26 March, which meant that the power was 8 times its average of two years". In figure 6, "the suddenly warming occurred at the southwest of the epicenter on April 12 and the temperature of the abnormal area rose to nearly 295 degrees fahrenheit." In figure7, "Sudden step change of Yushu well water temperature occurred about 60 days before the May 12, 2008 Ms 8.0 Wenchuan earthquake, and the maximum cooling rate is 0.025 degree c before the Wenchuan earthquake which occurred in the recovery process of the observation values. In addition, the duration of step change anomaly with the maximum cooling rate of 0.017 degree c is less than two months before the Delingha Ms5.0 earthquake, and about 90 days before the Yushu Ms7.1 earthquake with the maximum cooling rate of 0.027 degree c, as shown in Fig.7". Finally, I will submit my modified paper to the editor at once and thanks again.

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