Fig. S1. Position offsets of the randomly selected power stations recorded in the CARMA. The CARMA recorded positions of the randomly selected major power stations are compared with facility locations from Google imagery. (a) 100 stations in China and (b) 250 stations outside of China and U.S. The red circles are the true locations identified from Google imagery, which were linked by blue lines to the CARMA recorded locations. The size of the circle is proportional to the emission from each station. Two satellite images are typical examples of power stations found on Google Earth (the reported power stations by CARMA are shown as red pentagrams).