

ABSTRACT

A method and an apparatus for automatically tracking a satellite, a device, and a storage medium. The method for automatically tracking a satellite includes: determining (S210) geographic location information of an automatic tracking satellite dish (110) and an azimuth
5 angle of a line between two GNSS antennas (130) according to radio frequency signals of the two GNSS antennas; determining (S220) a current azimuth angle of a main lobe of the automatic tracking satellite dish (110) according to the azimuth angle of the line between the two GNSS antennas (130); determining (S230) a current elevation angle of the main lobe of the
10 automatic tracking satellite dish (110); and adjusting (S240) the main lobe of the automatic tracking satellite dish (110) to point to a target satellite to be tracked according to location information of the target satellite, the geographic location information, the current azimuth angle, and the current elevation angle.

FIG. 2