

Abstract

Flatness Compensation Method and Apparatus, Storage Medium and Electronic Device

Disclosed are a flatness compensation method and apparatus, a storage medium and an electronic device. The method includes: sampling, at an oversampling interval, a gain of a transceiver link in a frequency range influenced by a baseband signal to obtain a gain sequence; generating a deviation sequence according to the gain sequence and a gain reference value, where the gain reference value is an expected flat link gain value; extracting the deviation sequence with an oversampling multiple corresponding to the oversampling interval to obtain an initial correction sequence; optimizing the initial correction sequence to obtain an optimized correction sequence; converting the optimized correction sequence to obtain filter tap coefficients; and generating a target filter according to the filter tap coefficients, and compensating the baseband signal by using the target filter. By using the above-mentioned technical solution, the problem of a poor compensation effect when a filter generated through a conventional IFFT or training method is used for pre-compensating a baseband signal in the related art is solved.

Figure 2