

ABSTRACT

PULSE SIGNAL RECEIVING APPARATUS AND TRANSMISSION SYSTEM

A pulse signal receiving apparatus may include a reception unit that receives a pulse signal modulated by a double-edge modulation scheme, a measurement unit that
5 measures an edge interval of the pulse signal, which has been received by the reception unit, a detection unit that detects a deviation of the edge interval, which has been measured by the measurement unit, for a pulse-width reference value indicating a reference value of a width of the pulse signal, a correction unit that corrects the edge interval, which is to be measured next by the measurement unit, by using the deviation,
10 which has been detected by the detection unit, and a decoding unit that decodes the pulse signal, of which the edge interval has been corrected by the correction unit, so as to output a digital signal.

Figure 1