

ABSTRACT

An LTE standard distributed relay system and an uplink noise suppression method are provided. The system includes an uplink signal detection unit and an uplink signal transmission unit. A detection end of the uplink signal detection unit and an input end of the uplink signal transmission unit are both connected to an uplink signal receiving end of the LTE standard distributed relay system. An output end of the uplink signal transmission unit is connected, by means of a signal attenuation unit, to a base station. A control end of the uplink signal detection unit is connected to the signal attenuation unit so as to trigger the signal attenuation unit to turn on when the uplink signal detection unit detects a target uplink signal. The signal attenuation unit is used to delay restoring attenuation for a preset time after being turned on.

[Fig. 3]