ABSTRACT

An example system comprising a first transceiver configured to receive a request airframe from a second transceiver over a wireless link, the request airframe including a first time indication indicating a first time TS1, a second time indication indicating a second time TS2 that the request airframe was received, generate a respond airframe and including a third time indication indicating a third time TS3 that the respond airframe is transmitted to the second transceiver, transmit the respond airframe to the second transceiver, provide a timestamp information request to second transceiver, receive a timestamp information response, the timestamp information response including a fourth time indication indicating a fourth time TS4, calculate a counter offset using the first time, second time, third time and fourth time as follows: $counter\ offset = \frac{(TS1+TS4-TS3-TS2)}{2}$, calculate a phase offset based on the counter offset, and correct a phase of the first transceiver.