Cover letter

October 2nd, 2015

Dear Editor and the Respected Reviewers,

We are pleased to submit the manuscript entitled "**An Optimum Closed Form ALOHA Frame Length for Multiple Collision Recovery Coefficients Optimization**" for consideration by the IEEE Systems Journal. In this paper we propose a new reading efficiency metric called Multiple Collision Recovery Coefficients Reading Efficiency. This efficiency includes a unique collision resolving coefficient for each number of collided tags, which is closer to the RFID practical environment. Then, we calculate these coefficients for a strongest tag reply RFID reader (as an example) to show how the proposed system could be applied on real-life applications. Hence, we propose a novel closed form solution for the optimum FSA frame length which maximizes the proposed efficiency metric. Thank you for your consideration of this manuscript.

Sincerely,

Hazem A. Ahmed