Dear Editor and authors

I have completed the review of the article. My comments and recommendations are below

- The study focuses on ray tracing-based EM propagation estimation for RFID applications. SketchUp and V-Ray tools are used for this.

- Although the study presents the results of an experimental study, it does not suggest a new perspective. This should be more accurately emphasized in the introduction.

- More detailed background about ray tracing algorithms should be given.

- The electrical and magnetic properties of the medium and the material should be given (for example, Permittivity and conductivity coefficients)

- Only the Multi-Wall model was used for comparison. At least one empirical model should be added

- Are there any thresholds for refraction and reflection phenomena in the RT used?

- Current studies made in recent years, especially those made with artificial intelligence methods, can be added. Some of them are

- A ray launching-neural network approach

for radio wave propagation analysis in complex indoor environments

- 3D shooting and bouncing ray approach using an artificial

intelligence-based acceleration technique for radio propagation prediction in indoor environments

- Fuzzy Logic-Based SBR Acceleration Approach for Radio Propagation Prediction in Indoor Environments