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#117 (1570652843): Tests Measurement of UHF RFID for Autonomous Vehicle Navigation

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Paper title Tests Measurement of UHF RFID for Autonomous Vehicle Navigation

Conference and track 2020 International Seminar on Application for Technology of Information and Communication (iSemantic) - 2020 International Seminar on Application for Technology of Information and Communication

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Abstract This article provides a discussion of the testing and measurement of UHF RFID with distance and... navigation; autonomous vehicle; UHF RFID; test measurement; localization Only the chairs can edit

Keywords Electrical and Electronic Technology; Energy, Power Generation and Distribution, Power Line Communication, Electric Motor and Drives, Power Electronics, System Identification and Control, Robotics, Cybernetics, Engineering, Manufacturing and Control Image, Speech and Signal Processing, Bio-informatics and Bio-Medical Engineering Control Systems and Embedded System Circuits, Sensors and Devices, Communication Systems, Mobile/Ad hoc wireless networks, mobicast, sensor placement, target tracking, Manufacturing Automation, Process, Manufacturing & Control.

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Status Published

Presented by Muhammad Khosy'in in session S05: Day 01 Parallel Session 05 from Sat, September 19, 2020 13:00 WIB until 15:40 (5th paper) (16.0 min.)

Review manuscript Final manuscript Stamped Stamped-e

Meta Review

Actions	Relevance	Novelty	Contribution	Presentation	Accept Score	Main Rejection Reason
Completed	Relevant	3 Significant	4 Major	4 Needs improvement	2 Normal Accept	7 Poor or unbalanced presentation

Comment to Author

1. please follow template on the guideline
2. please re-check the writing because a lot of re write words in the paper
3. the system is one RFID card read by 3 RFID tag readino or 3 card with one tag

4. what is the purpose of this research (why need to know how many degree is the best to read the RFID, because we know 0 degree is better like on data sheet)
5. the systems is good

completed Relevant (3) Not bad (3) Average (3) Readable (3) Neutral (3) Lacks novelty, results not new or convincing (4)

Comment to Author

1. is there any special reason about the usage of Electron HW-V6330K RFID? can you explain it to your paper?
2. I took your sentence from your paper "From Fig. 3, RFID reader mounted on a tripod with a height of 120 cm and an RFID tag mounted on a bamboo stick with a height of 50 cm, the RFID tag will be shifted from a distance of 1 m to 8 m assuming the furthest distance from the existing RFID tag datasheet". Why you set this experiment with the height of 120 cm and 50 cm? any strong reason about this? this setup is very critical and must have a strong reason as well.
3. From the point number 1 and 2, your research background was not clear enough. No strong reason why you should perform this experiment? Have you check the datasheet of the RFID module? i thought all data you need was right there.
4. if you have data representation data in figure (plot), i suggest you to remove the data table.
5. No validation in the result.

completed Good match (4) Not bad (3) Major (4) Clear (4) Normal Accept (7) No Reason (3)

Comment to Author

- the paper was well written and presented clearly
- technical details are explained using figures and charts

completed Excellent (5) Significant (4) Excellent (5) Clear (4) Strong Accept (16) No Reason (3)

Comment to Author

Overall this paper is good. It should be noted for writing, you should check spelling & grammar.