
Re: Manuscript ID: 21548 - Able to Review

1 message

Editor IJEETC <editor@ijeetc.com>

Mon, May 4, 2026 at 4:35 PM

To: Yusnita Rahayu <yusnita.rahayu@lecturer.unri.ac.id>

Dear Yusnita Rahayu,

Thank you very much for accepting our review invitation. As you know, peer review and review duration are essential to maintaining journal quality. Therefore, please return your report by the due date, if not sooner.

For timely submitted comment reports (*with specific comments, valuable for authors to rigorously consider their study and for the journal to make a final decision*), **we will provide you with a USD50 APC discount voucher upon request**, which can be used as a discount on the APC required to publish your paper on IJEETC (International Journal of Electrical and Electronic Engineering & Telecommunications).

Many thanks in advance for your support.

Best Regards,

Jason Z. Kang, Ph.D., Prof.

Executive Editor-in-Chief

IJEETC: www.ijeetc.com

Indexed by Scopus, an Elsevier product

Remind: To avoid missing our email, please add submission@mail-ojs.ejournal.net to your contacts or safe senders list.

On Mon, 4 May 2026 at 00:44, Yusnita Rahayu <yusnita.rahayu@lecturer.unri.ac.id> wrote:

Dear Editors:

I am able and willing to review the submission, "An Experimental SDR-Based Multi-Carrier OFDM Image Transmission System with Convolutional Coding in Indoor Wireless Channels," for International Journal of Electrical and Electronic Engineering & Telecommunications. Thank you for thinking of me, and I plan to have the review completed by its due date, 2026-05-19, if not before.

Yusnita Rahayu

REVIEWER REPORT

TITLE	An Experimental SDR-based multi-carrier OFDM image transmission system with convolutional coding in indoor wireless channels.
JOURNAL	IJEETC
MANUSCRIPT NUMBER	IJEETC-21548
YEAR	2026
AUTHORS	-
REVIEWER	YUSNITA RAHAYU

ABSTRACT	-
NOVELTY	Not strong enough. The authors explicitly define their novelty as the end-to-end experimental implementation of an image transmission system integrating multi-carrier OFDM with convolutional coding on a physical Software Defined Radio (SDR) platform. However, they utilize well-established "standard" communication blocks: 16-QAM, convolutional coding (rate 1/2, K=3), and Least Squares (LS) channel estimation rather than develop novel algorithms.
METODOLOGY	1. Justify: why the distances used in experimental are only 30, 50 and 70 cm? It is very short distance and less realistic for indoor coverage areas. I suggest to make larger distances for more realistic indoor areas. 2. Why the experimental setup was physically implemented using SDR hardware in a controlled indoor environment? 3. Fig.4 shows the static/fixed position of the configuration. In practical wireless applications, it is high mobility scenario, how do you validate your results for this practical high mobility wireless application?
RESULTS	1. "BER_{Tx} tends to exhibit a relatively high value (approximately 0.5), indicating that nearly half of the bits in this limited segment may be incorrectly received due to synchronization mismatch, noise, or channel effects at the beginning of the transmission". Justify why? And how to overcome this? 2. The very short length does not adequately test the system's performance against significant path loss or the complex fading environments typical of larger indoor spaces 3. How about for moving obstacle? are this results still validated? 4. Why only 9 pilot subcarriers for a 128-point FFT size?

	5. Experimental results under both LoS and NLoS conditions at distances of 30 cm,50 cm, and 70 cm show that the proposed system achieves stable performance, with an average BERimg of approximately 2.6×10^{-3} . How about larger distance, is BERimg still similar value? The authors need to verify and justify.
REFERENCES	[2], [4],[14], [17], [32] are not verified. Are they journal or else? Please complete the references
OVERALL	Accepted with major revision

Bukti Completed Review

International Journal of Electrical and Electronic Engineering & Telecommunications

My Assignments as Reviewer

- Action Required by me
- All assignments
- Completed**
- Declined
- Published
- Archived

My Submissions as Author

Completed (1)

Filters

Search submissions, ID, authors, k

ID ↓	SUBMISSIONS	EDITORIAL ACTIVITY	ACTIONS
21548	An Experimental SDR-Based Multi-Carrier OFDM Image Transmission System with Convolutional Coding ...	Review submitted on 2026-05-28	View

Showing 1 to 1 of 1

Mayatama2021
Internet access

International Journal of Electrical and Electronic Engineering & Telecommunications

My Assignments as Reviewer

My Submissions as Author

Review: An Experimental SDR-Based Multi-Carrier OFDM Image Transmission System with Convolutional Coding in Indoor Wireless Channels

Previous Reviews

1. Request 2. Guidelines 3. Download & Review 4. Completion

Review Submitted

Thank you for completing the review of this submission. Your review has been submitted successfully. We appreciate your contribution to the quality of the work that we publish; the editor may contact you again for more information if needed.

Review Discussions [Add discussion](#)

Name	From	Last Reply	Replies	Closed
No Items				