

REVIEWER'S REPORT

Manuscript No.: IJAR-58925

Title: Joint SoC-Aware Resource Allocation and Power Control for Future Cellular IoT Networks

Recommendation:

Accept as it is

Accept after minor revision...✓.....

Accept after major revision

Do not accept (*Reasons below*)

Rating	Excel.	Good	Fair	Poor
Originality		✓		
Techn. Quality			✓	
Clarity			✓	
Significance		✓		

Reviewer's ID: JPR- DR. PRITI GUPTA

Detailed Reviewer's Report

- **Introduction:** The introduction is somewhat lengthy and contains several general statements about IoT, 5G, sustainability, and rural connectivity. It can be shortened to focus more directly on the research gap.
- **Related work:** The literature review should be organized more critically rather than primarily describing individual studies. A comparison table would improve clarity.
- **Notation:** Some symbols are inconsistently defined. For example, P_{dP_d} , $P_{tx,dP_{tx,d}}$, and $P_{tx,dminP_{tx,d}^{\min}}$ should be carefully distinguished throughout.
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