Evaluation of a research proposal

Title of proposal: Investigation and Implementation of Full Duplex Multi-function 5G Transceiver

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A. Content (answer each questions using a 1-5 scale, with 5 being the highest score)

	Score
1. Title	
The title is clear and concise	9*
The title reveals the originality of the research	9
2. Trigger	
The motivation of the project is clearly explained	10
3. Frontier of knowledge	
The literature review is sufficiently detailed and clear to situate the project	7
The literature review shows that the writer is thoroughly familiar with his field of research	9
The literature review is a true synthesis, not just a compilation	8
4. Question/hypothesis/objective	
The question/hypothesis/objective is clearly and adequately formulated	9
5. Strategy	
The overall strategy is appropriate considering the scale of the proposed investigation	7
The research design (if applicable) is clearly explained	9
6. Expected results, originality and impact	
The proposed project is highly original	10
The potential contribution is significant and will advance the field	10
7. Anticipated risks and approach to manage them	
The researcher has considered potential problems and provided contingency plans	10
8. Principal resources required	
The proposed resources are appropriate and justified	10
9. Proposed timeline	
The proposed timeframe is realistic	8

Please explain you scores, pointing out to weaknesses and providing constructive suggestions for improvements (expected length: 15-30 lines). Conclude this section by proving three specific suggestions for improving the proposal.

On my opinion the research proposal good theme and interesting research topic, feasible as well and totatly applied. Applied researches for 5G are a trend since it is the near future architeture. However, the research proposal, lacks a bit of references within the text.
Another change that perhaps needs to be done is related with publications, since there is no publication timeline and in fact this part is very important for a PhD research. Dealing with innovative research this maybe an issue since another group could take it, however there is nothing more private than something public in the right place and with references of the owner.

- The highlight in title is because perhaps they will change the name for a PhD thesis since this is very specific, in my opinion.
- The trigger part was very well done, and it is eminent the conclusion for the research.
- In Frontier of Knowledge some articles can pointed to delimit where the frontier of knowledge is currently.
- On questions/objectives, it is clear the objectives but, an some questions could be pointed to bring the objective in the end (*suggestion 1*: bring a major question explicitly defined).
On Strategy part, it was not clear for me why it was challenging low frequency systems, since there was no reference (*suggestion 2* – relate the problem with the current bibliograph).
- About the Hypothesis part, n research sometimes we write a null hypothesis and a major hypothesis. I don't know until when those three hypothesis (and minor) can be totally clarified in a PhD proposal.
- The timeline part is realistic but show include publication and feedback from the research community – *if they will publish as a common phd proposal.(suggestion 3: set times for publish and review)*
- Also some minor text changes can be done e.g. in Frontier of knowledge: "(...) techniques. However (...)"

B. Form (please answer each of the following questions in 3 to 5 lines)
- Is the vocabulary clear and easy to understand?
  It is very clever, the research actually is very specific and applicable.
- Does the proposal generally exhibit good writing skills: spelling, grammar, syntax, clarity of thought?
  Some minor issues but not to be concerned e.g. summery instead of summary
- Does the proposal suggest good organizational skills?
  Yes it does, it is clear the innovative and applied science behind this 5G research, what is not defined is the publication part.
- Does the paper project professionalism?
  Yes, it does.