

ModEasy: Technical meeting on application

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Participation

- IEMN:
 - Smail
 - Jamal
- LIFL
 - Philippe Marquet
 - Eric Rutten
 - Luc Charest
 - Sébastien Le Beux

Objective

This second meeting should permit to validate UML modeling of radar application.

1 Meeting

We presented a UML modeling of correlator algorithm. Three stages have been identified:

- the first one permits to disable problem concerning parity of the number of values in the signal reference;
- the second one computes multiplication;
- the last one computes addition.

From modeling of the correlator algorithm, it is feasible to model Tugnait 3 algorithm.

However, some problems on modeling have been identified.

2 Next meeting

- **Date: ?**
- **Work to do:**
 - Neutral values in reference signal and/or radar signal and have to be chosen in order to keep characteristics of full computation. Jamal should propose those neutral values and its representation;
 - Jamal or Yassin should tell us how exception are manage in current version;
 - Jamal should validate modeling of Tugnait 3 algorithm and identify changing parameters (exampe: shall we add a bit after each addition, or keep the same resolution?).