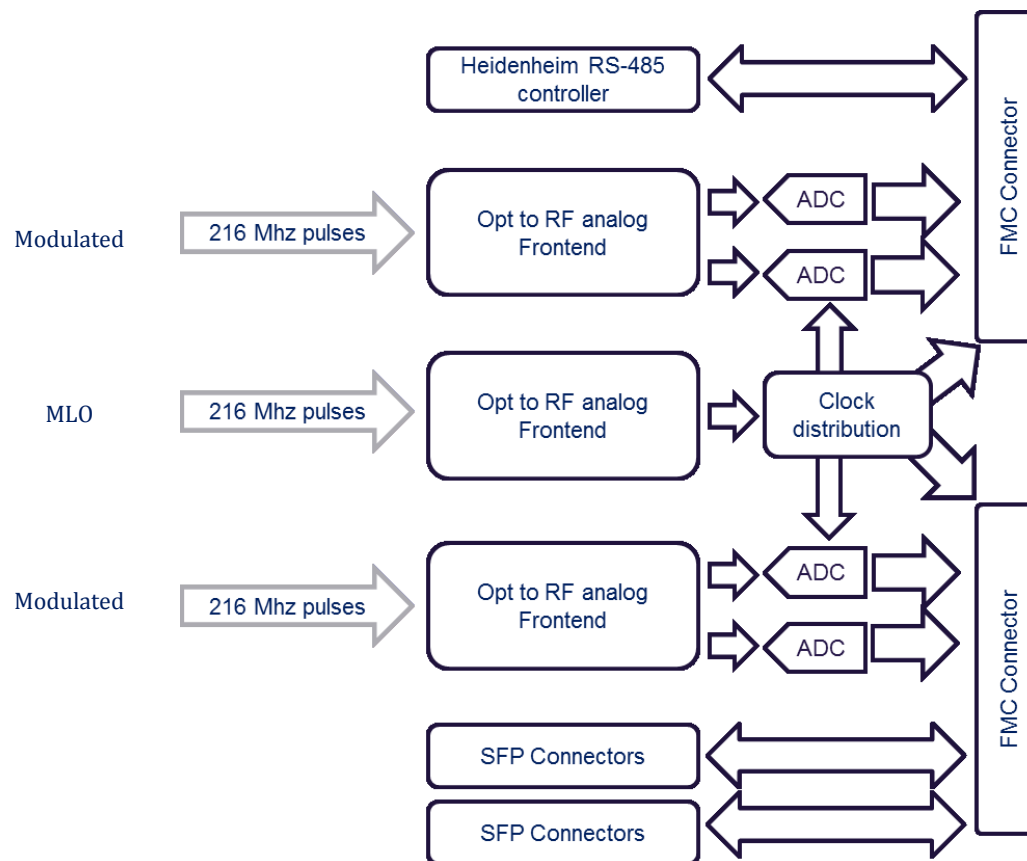# BAM-FMC

Samer Bou Habib

Agenda

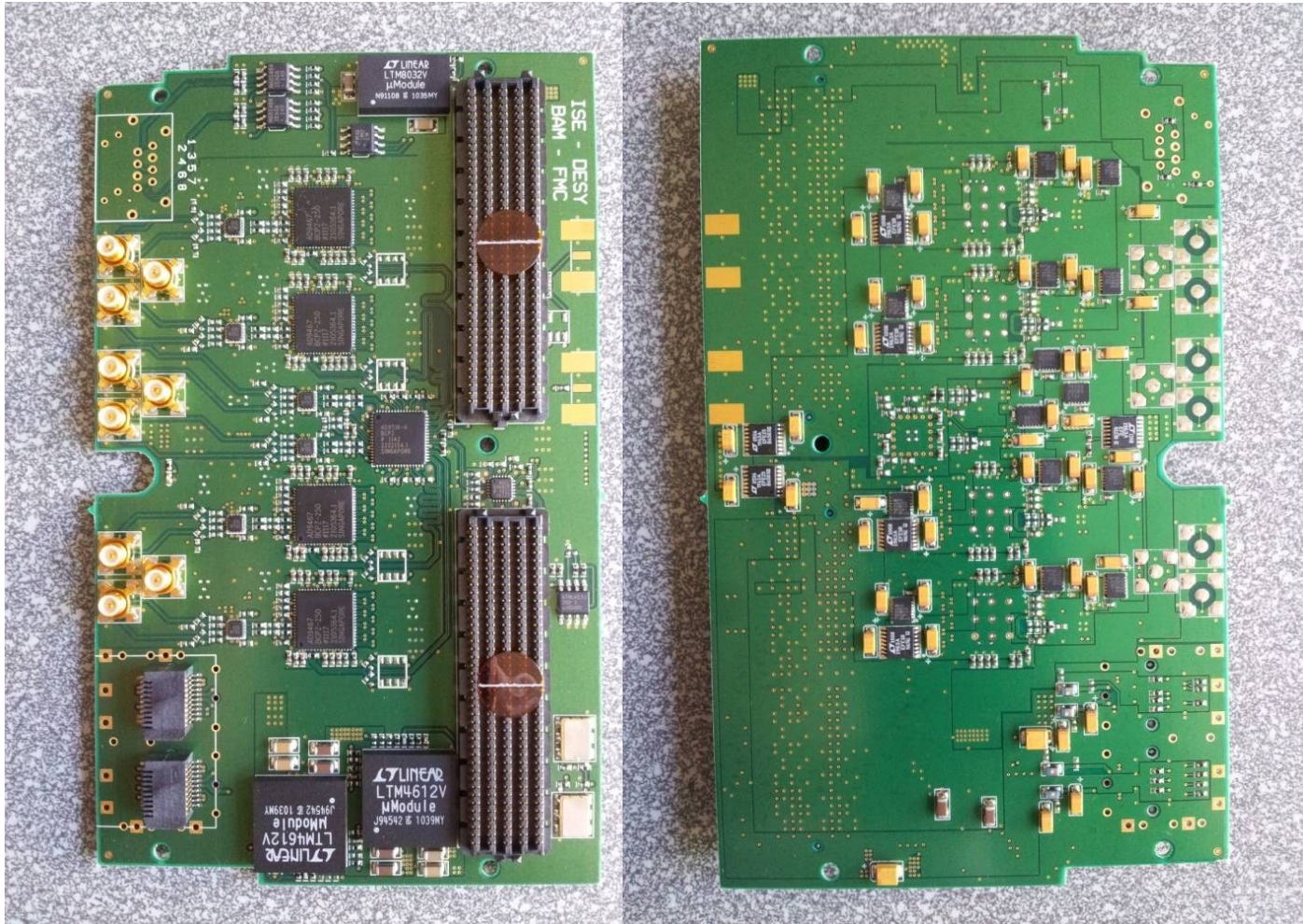- Introduction
- Main Issues
- Status and Timeline

Introduction*

- FMC standard
- Double width
- Mainly prepared to be used with DAMC-FMC25
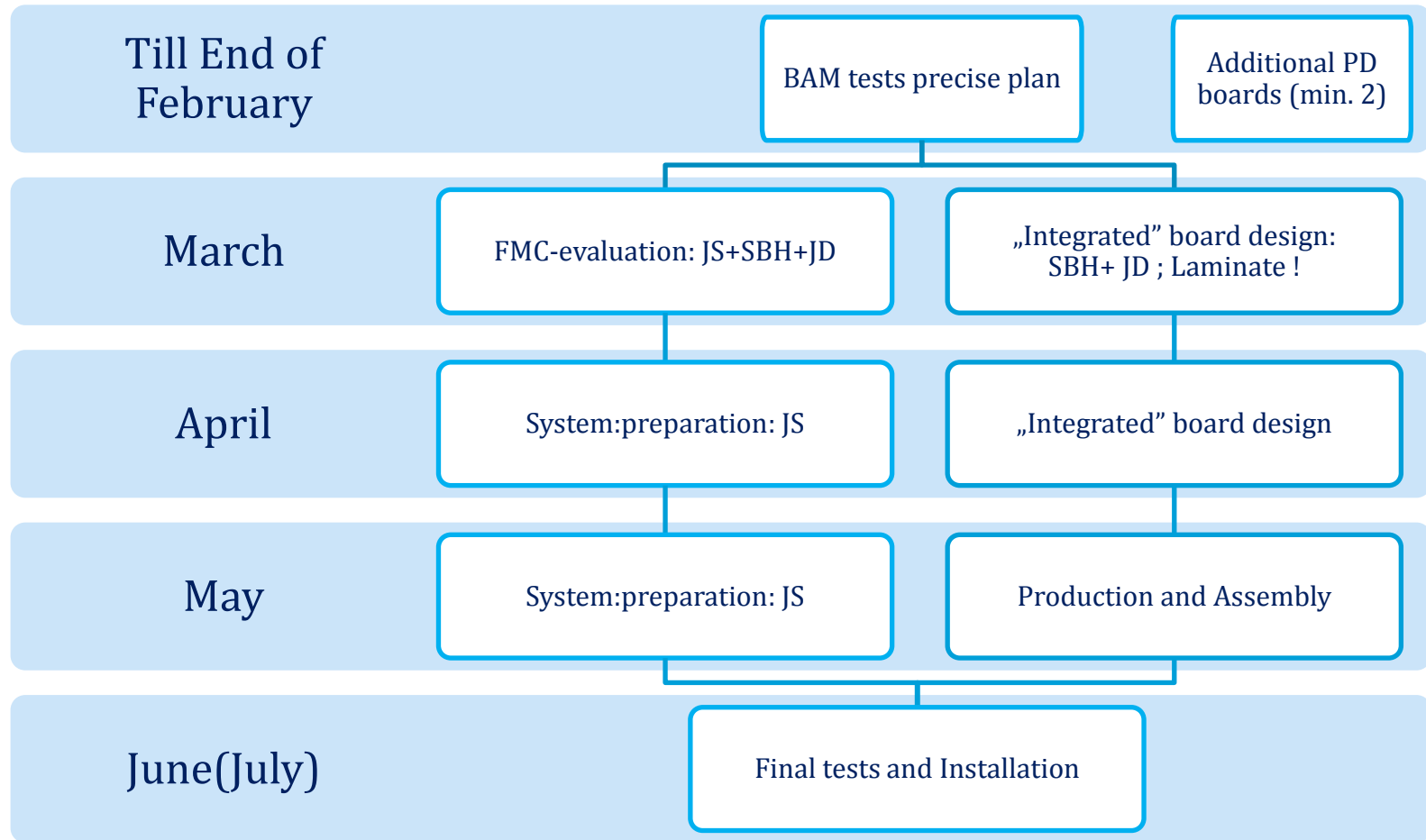- 216 MSPS (no pulse skipping)

*Details

Block Diagram

BAM-FMC

Main Issues – what took so long...

- Optical-to-RF circuits not fit for new PD $\Rightarrow$ "old" will be used
- PD performance very delicate and dependant on used laminate
- Lack of manpower! – partially resolved

Timeline

Till End of February		BAM tests precise plan	Additional PD boards (min. 2)
March		FMC-evaluation: JS+SBH+JD	„Integrated" board design: SBH+ JD ; Laminate !
April		System:preparation: JS	„Integrated" board design
May		System:preparation: JS	Production and Assembly
June(July)		Final tests and Installation	

What is to be done (fast)

- 2-3 PD boards assembly and tests: JD
- Laminate for integrated FMC
- CLK circuits evaluation: JS + SBH
- ADC circuits evaluation: JS + SBH
- Integration of FMC with PD
  - Power levels: SBH + JD
  - CLK/Time shifting : JS + SBH

Thank you for your attention

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