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## New data processing and evaluation results of the Libera Brilliance+ module

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In the scope of SOLEIL II (the low emittance upgrade project of SOLEIL), the Libera Brilliance+ electronics is a candidate for the renewal of the BPM electronics.

A new low latency data stream has been implemented by Instrumentation Technologies to cope with SOLEIL II Fast Orbit Feedback bandwidth specifications. In addition, the user has now the possibility to adjust (and increase) the switching frequency.

The presentation will summarize the performance test results carried on at SOLEIL: resolution and beam current dependence for different switching frequencies. The long term stability measurements with an evaluation of the external switching matrix will also be presented.

### Summary

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