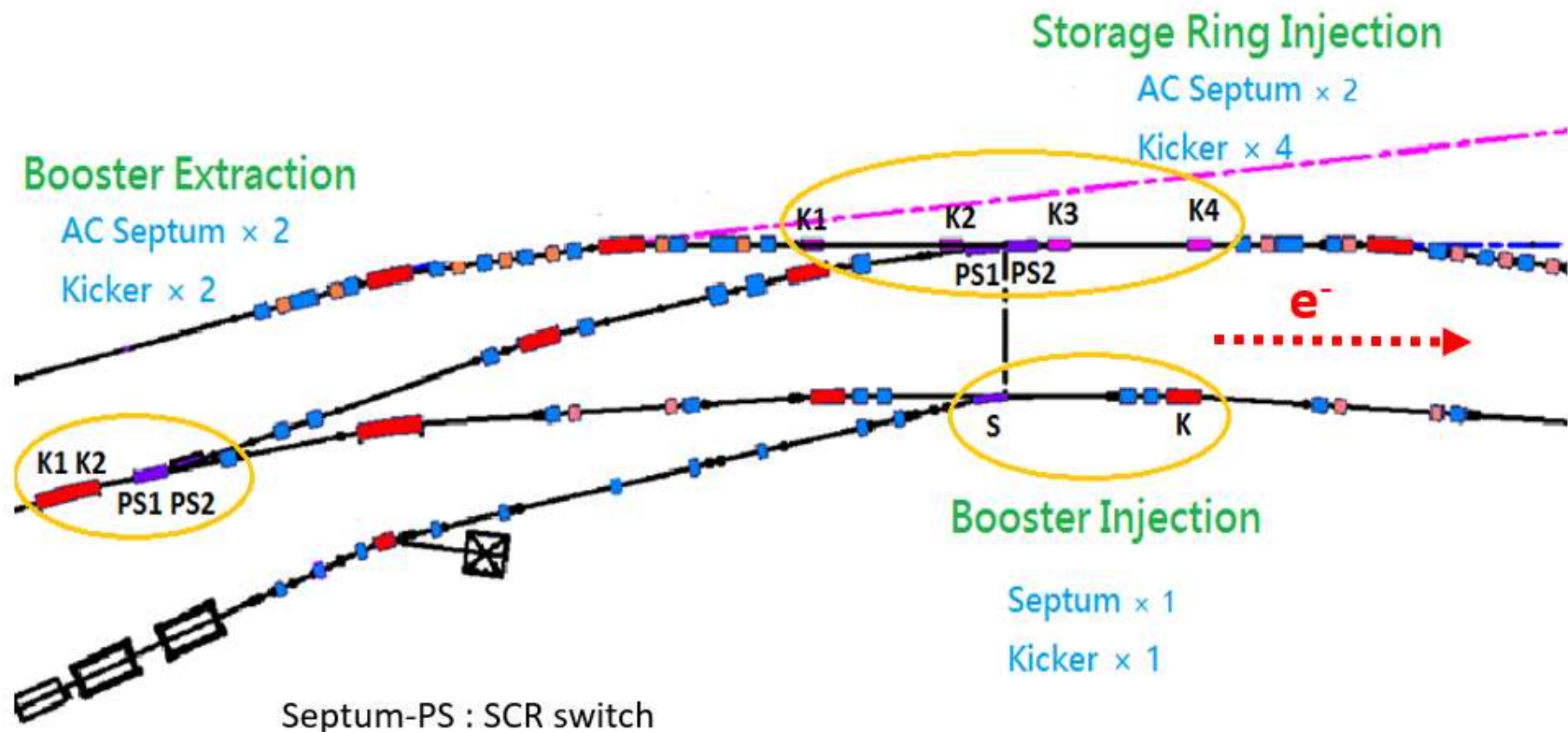


# Implementation of using IGBT switch based pulser for TPS booster extraction kicker

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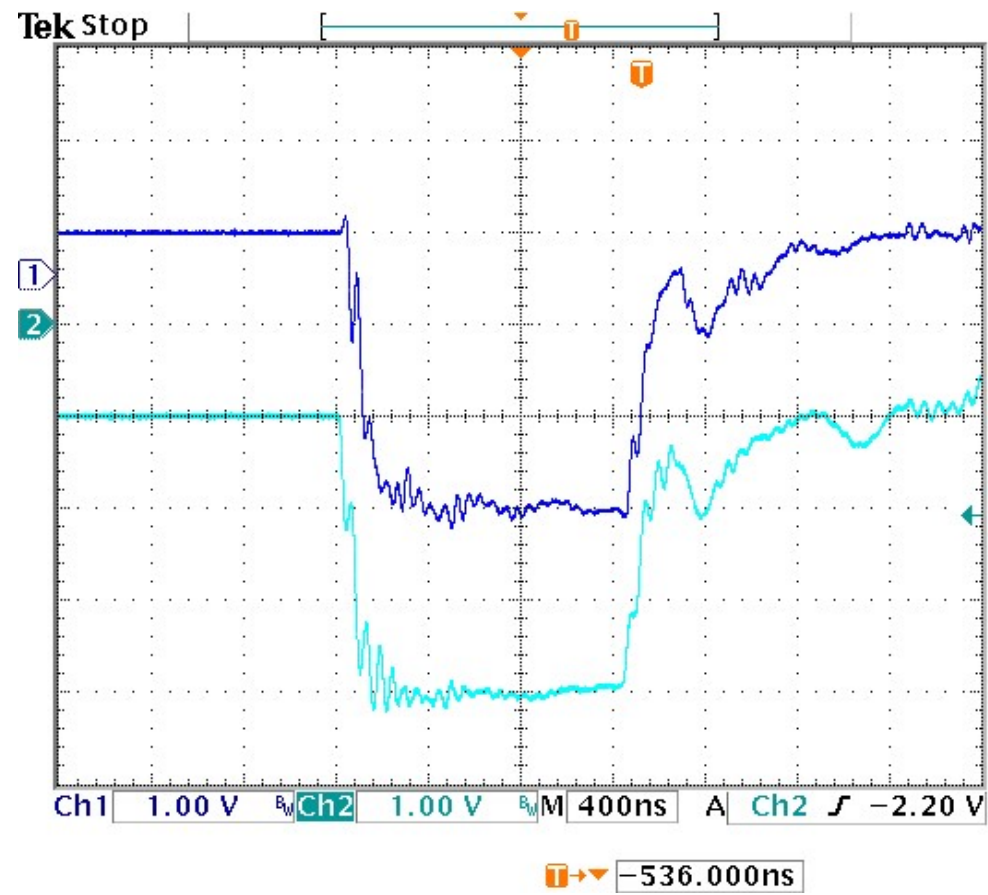
NSRRC, Hsinchu, Taiwan



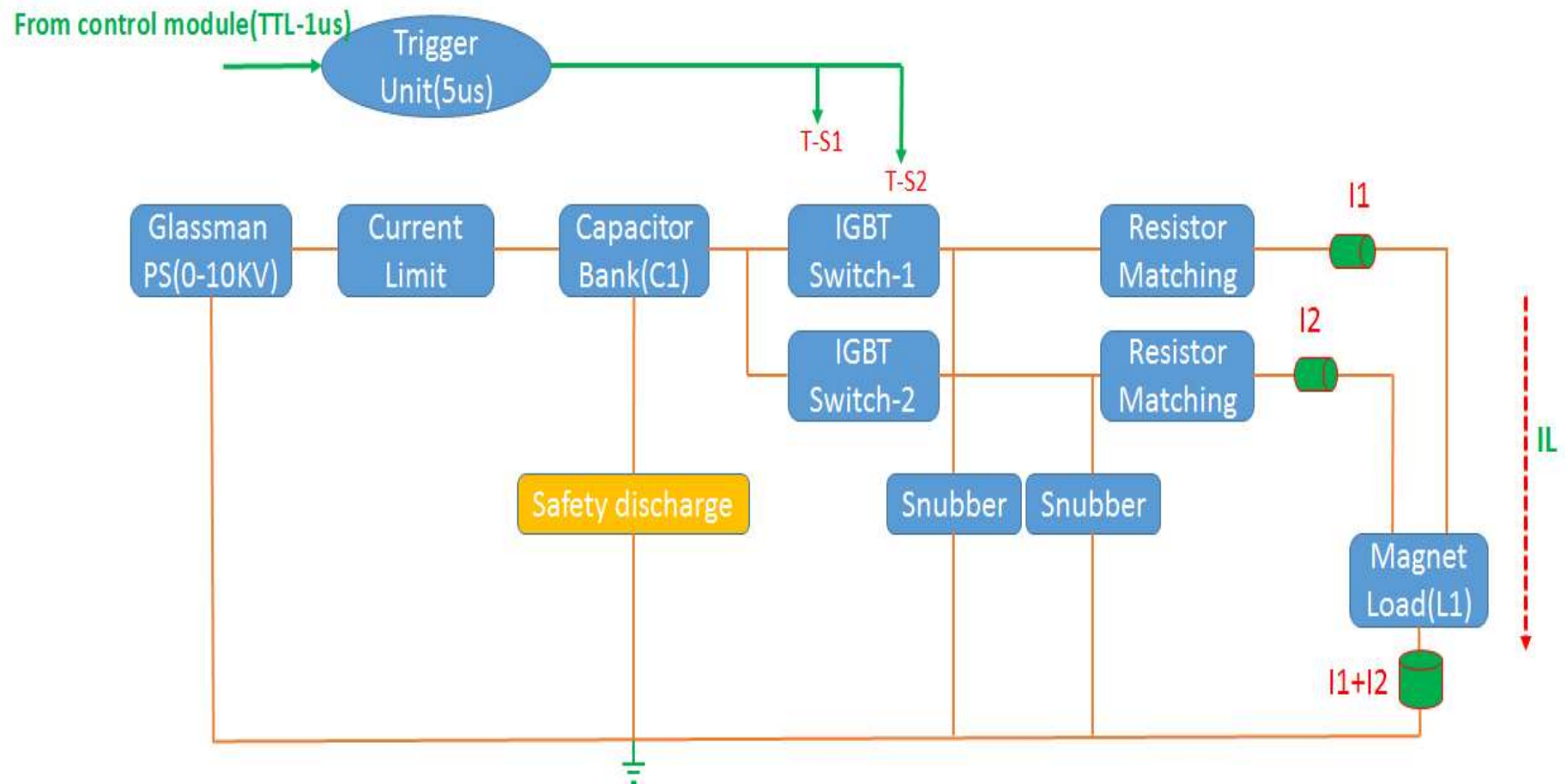
Septum-PS : SCR switch

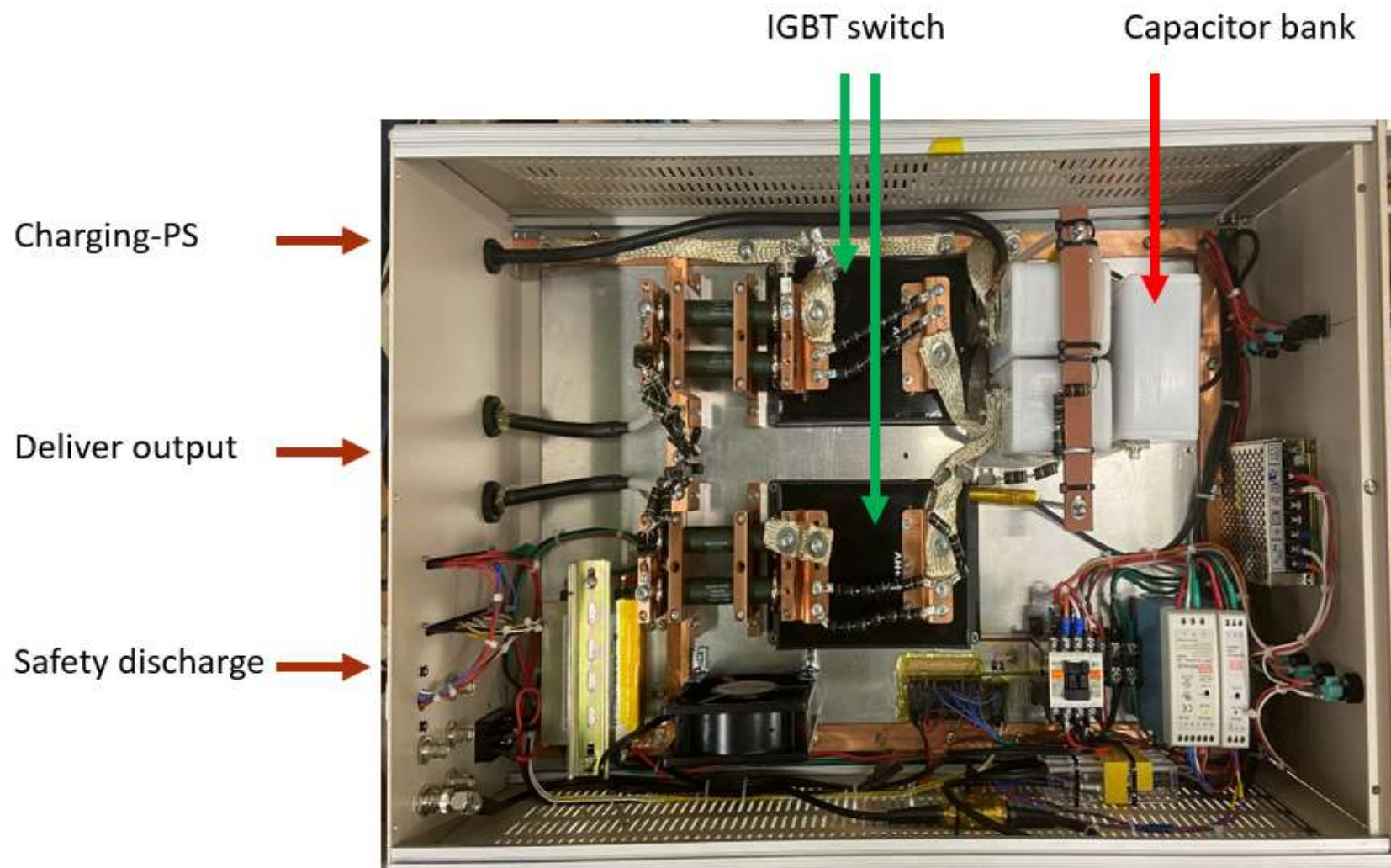
Booster injection/extraction kicker pulser : IGBT switch

Storage ring injection kicker pulser : thyatron switch



13 Dec 2020  
10:50:40





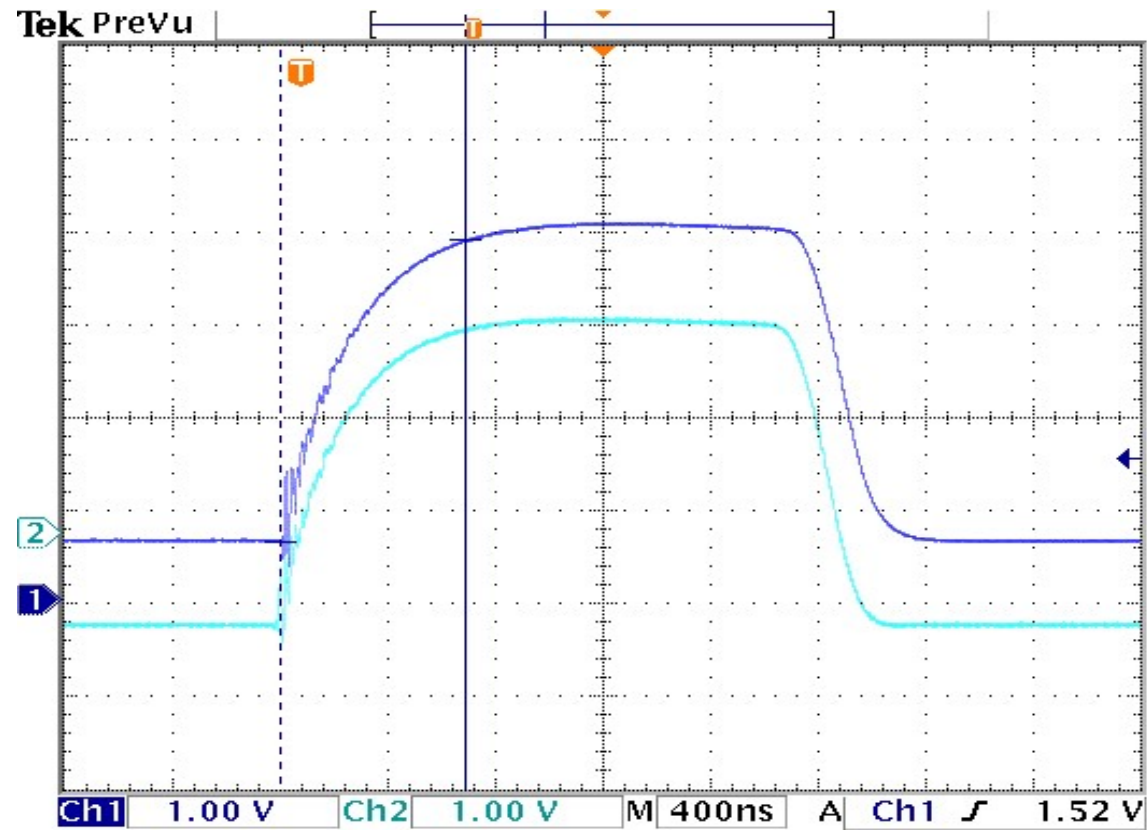




**PFN-pulser**

**IGBT-pulser**

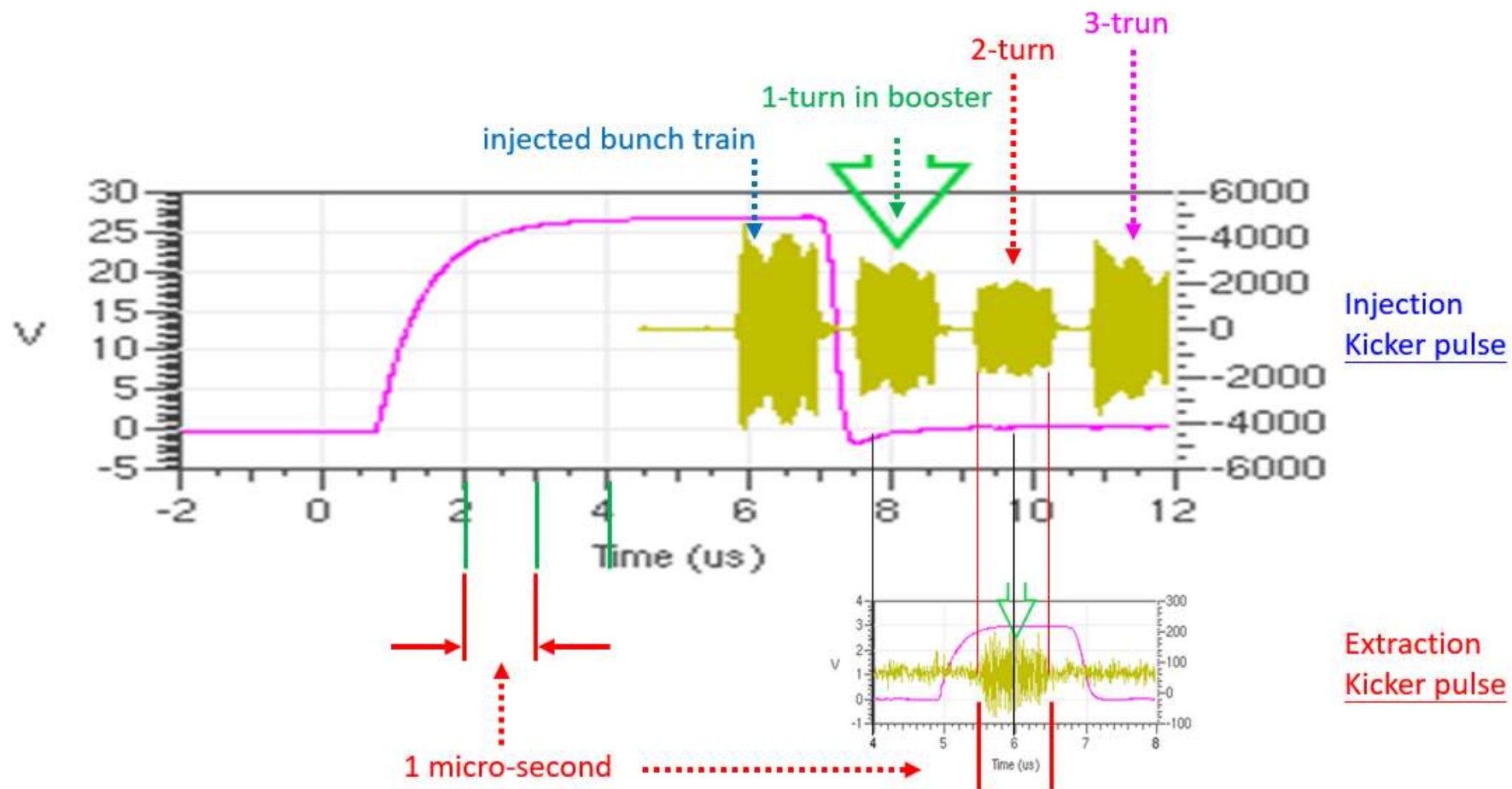
Tek PreVu



Δ: 3.26 V  
@: 3.88 V  
Δ: 688ns  
@: 608ns

1.12000 μs

13 Dec 2020  
14:09:46





Thank you for your attention

and

would appreciate you comments and advices