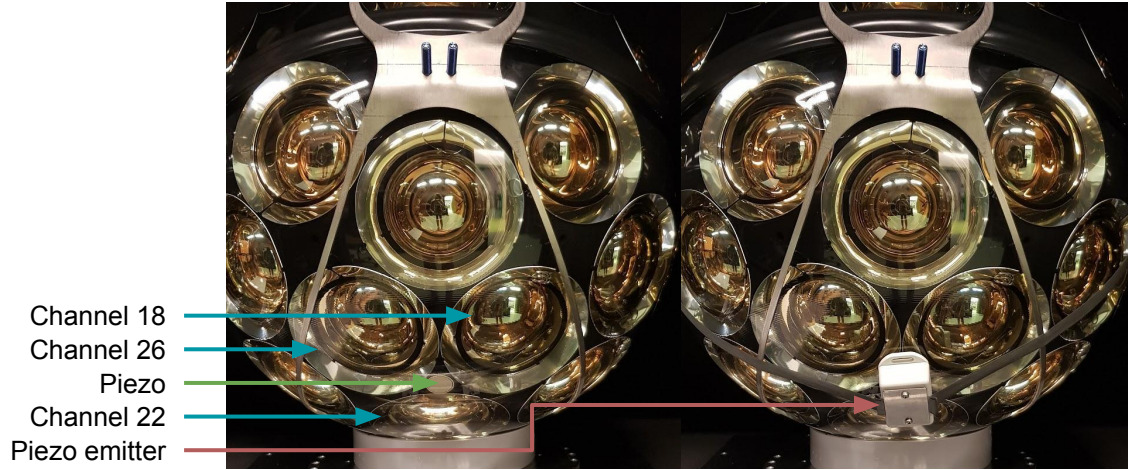


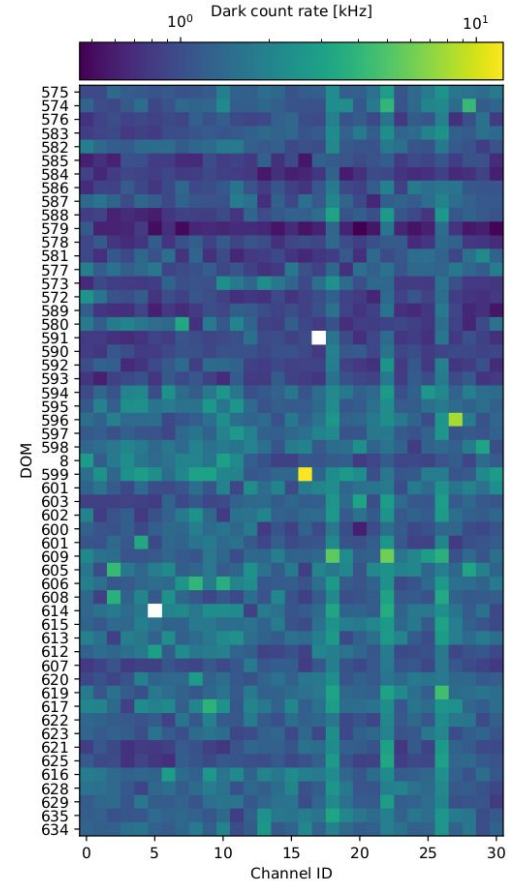
Some news about DOM testing PMTs

Valentin Pestel

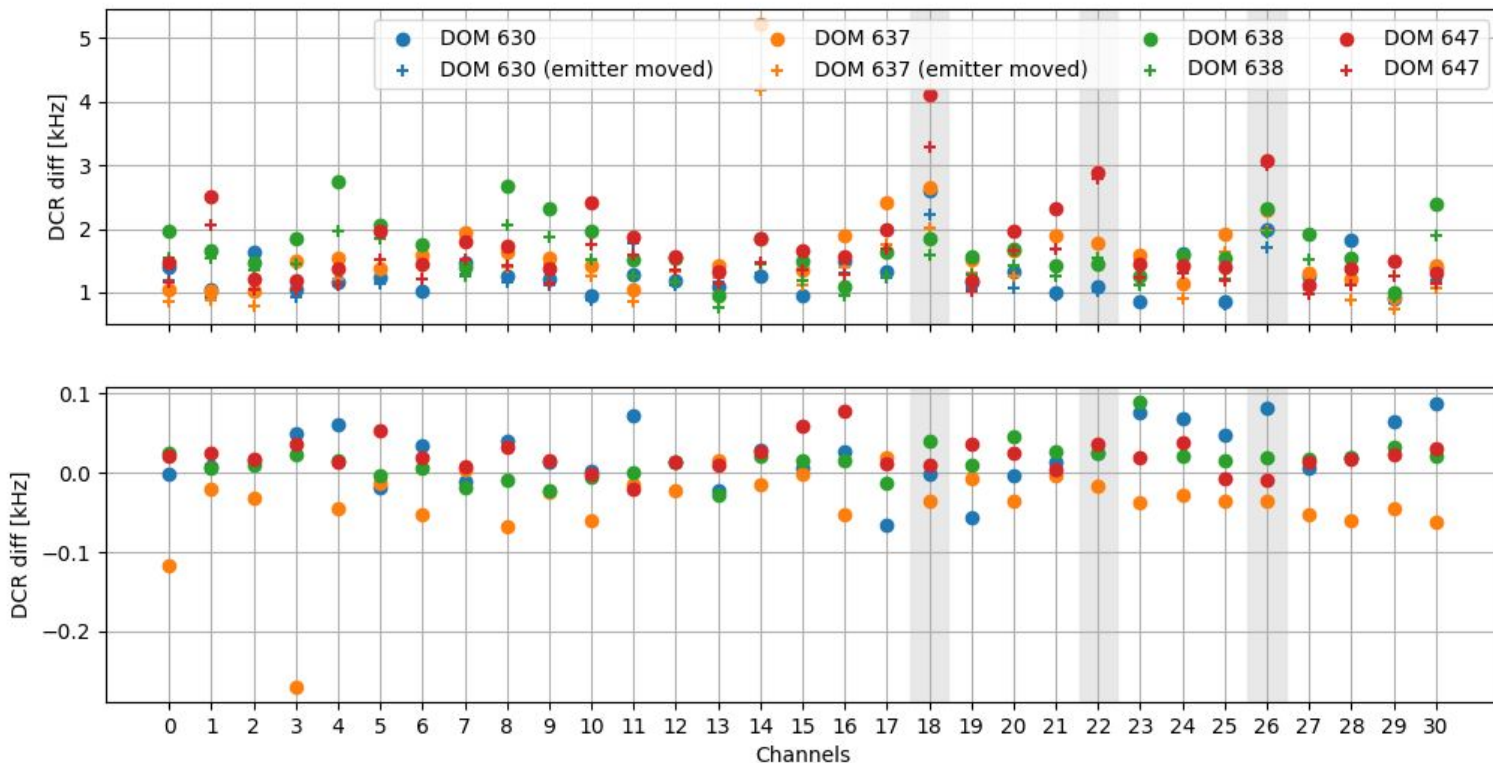
Increased DCRs



Additional (EM or radio)activity induced by In-DOM piezo sensor or DOM testing piezo emitter ?



Move the piezo for two DOMs, re-take data



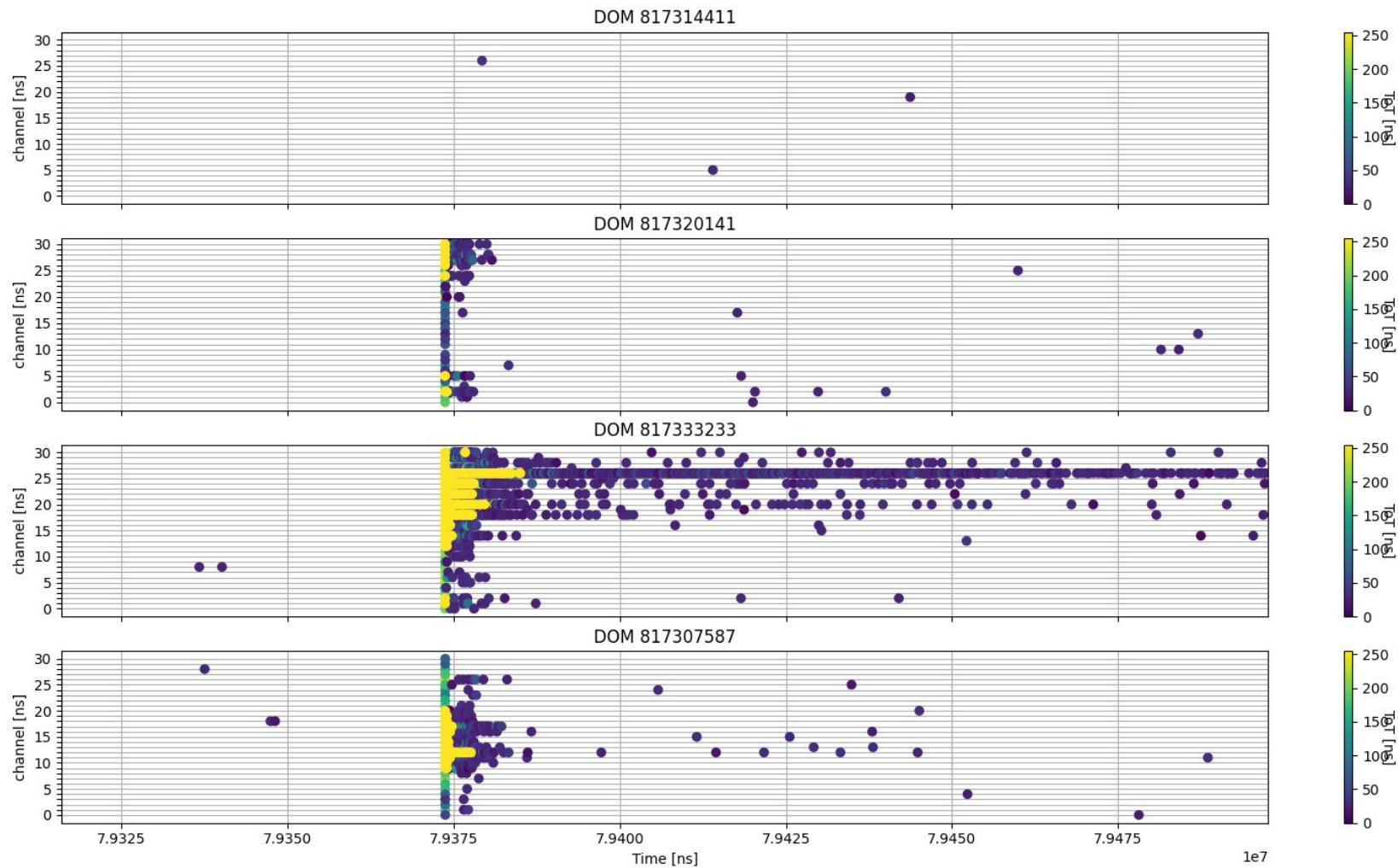
**No obvious difference by moving the piezo emitter. Noise coming from piezo sensor ?
Test still a bit weak. If possible, will do it again on 4 more DOMs during week-end.**

Spark(l)ing DOMs

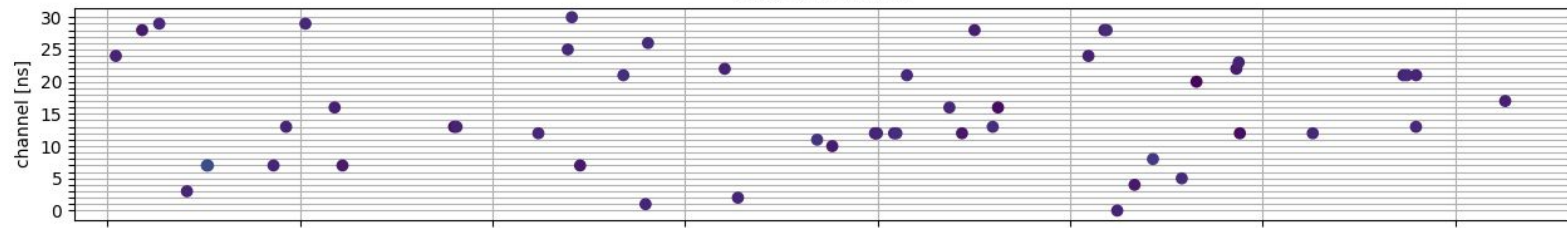
“Sparking DOMs, why only underwater ?”

Some evidence that DOMs in Nikhef test setup might produce sparks (see [elog-973](#))

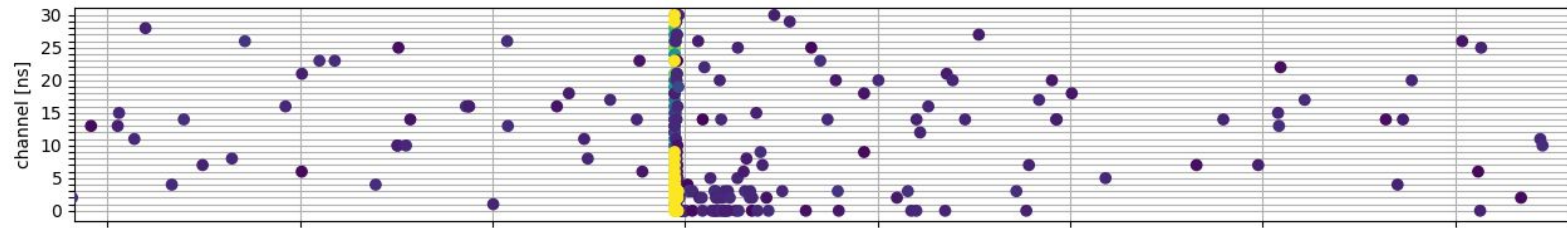




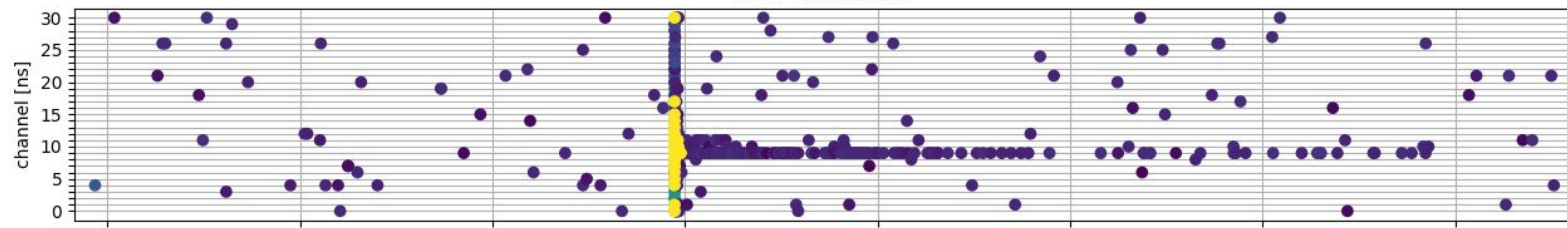
DOM 817314411



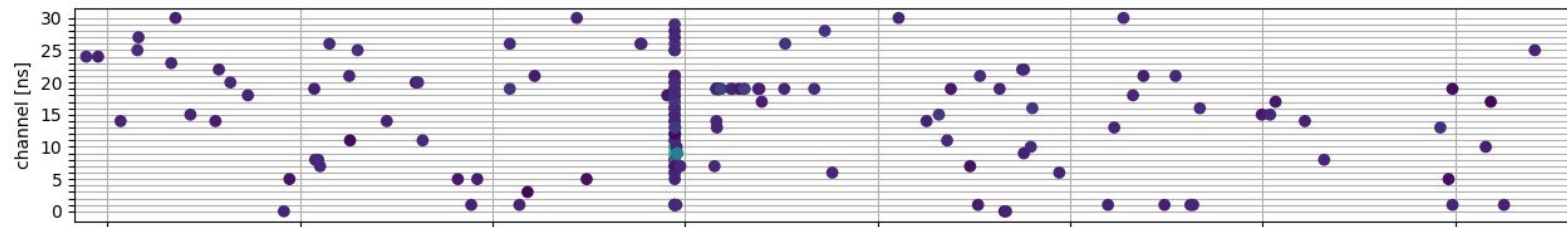
DOM 817320141



DOM 817333233

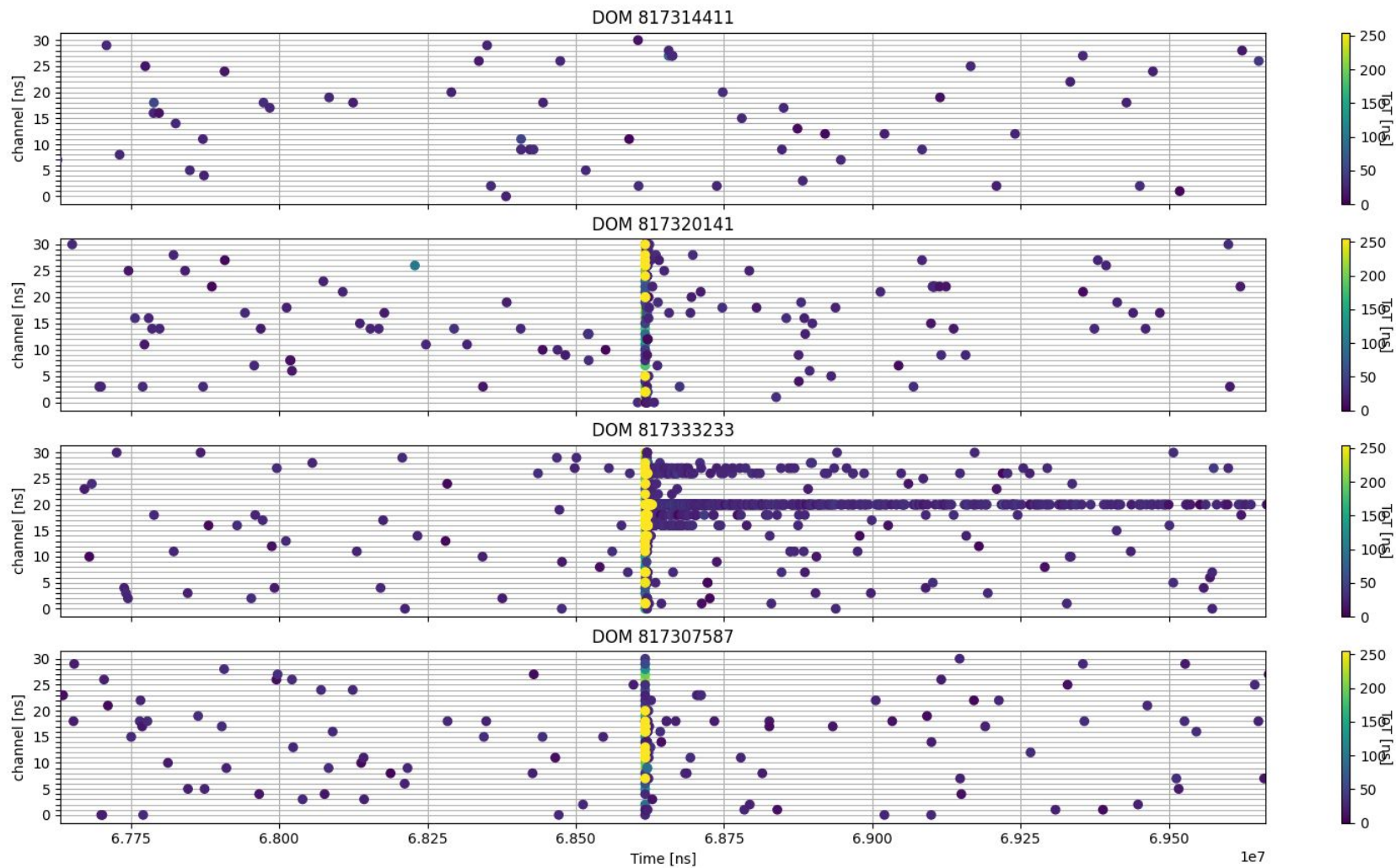


DOM 817307587

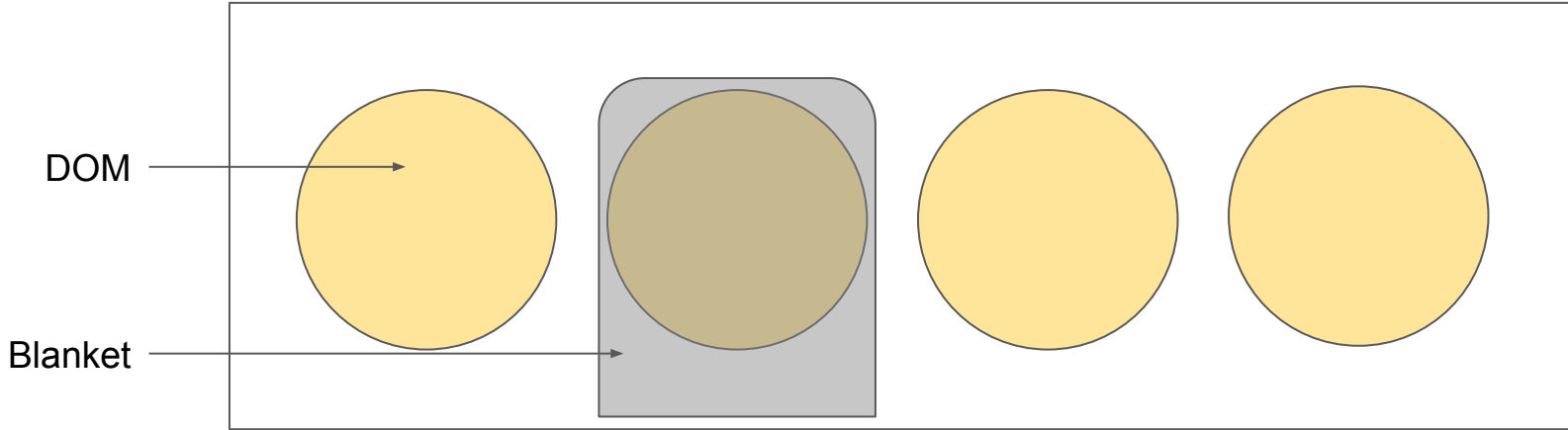


Time [ns]

 $1e7$

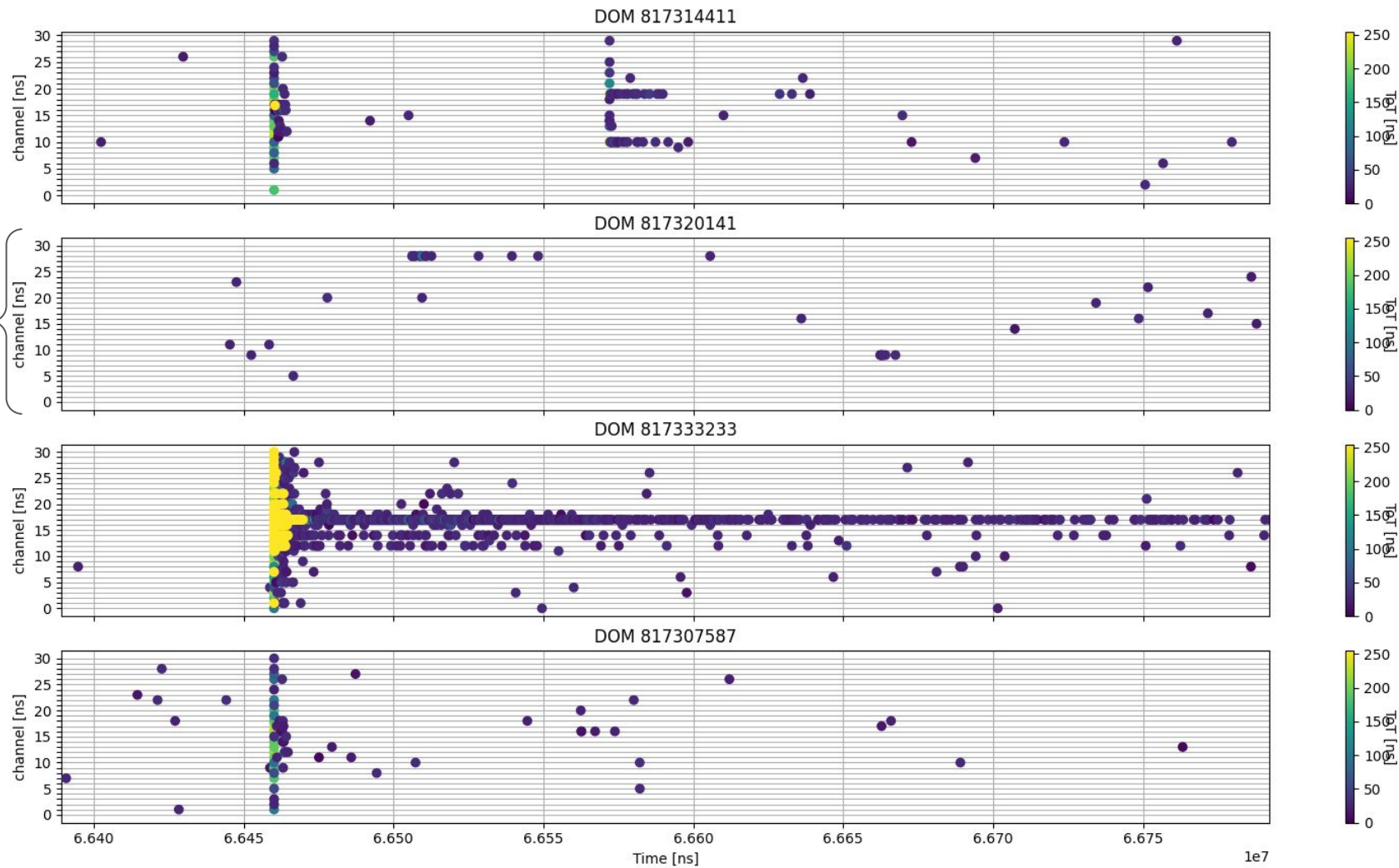


Blanket test

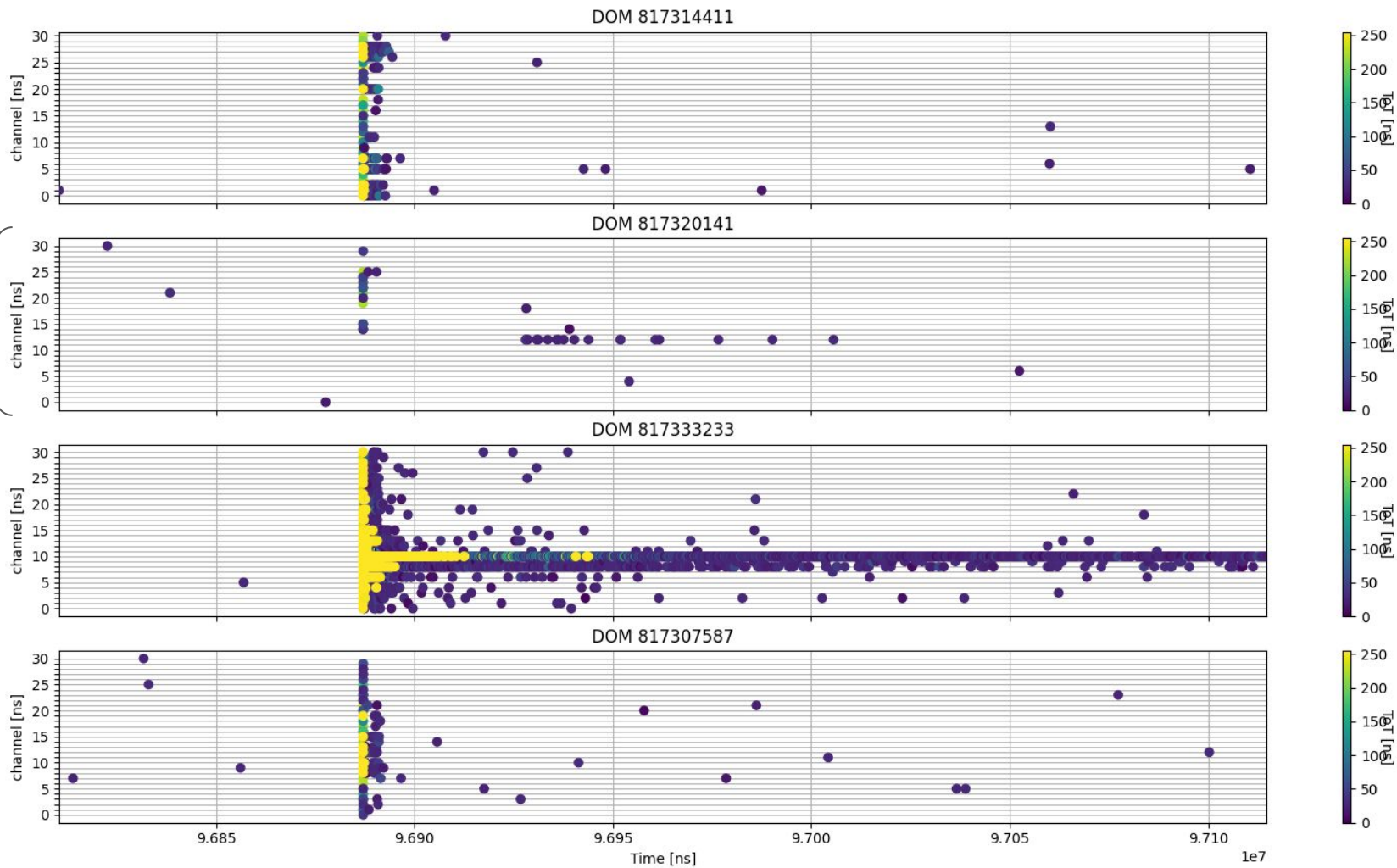


**Event seems to “propagate” to neighbors DOMs.
If it’s indeed light generated by a sparks, a covered DOM should not see neighbors light.**

Covered DOM



Covered DOM



Covered DOM

