

Bipolar + transistor test

LMH6642 in second and third stage

Transistor : MT3S111

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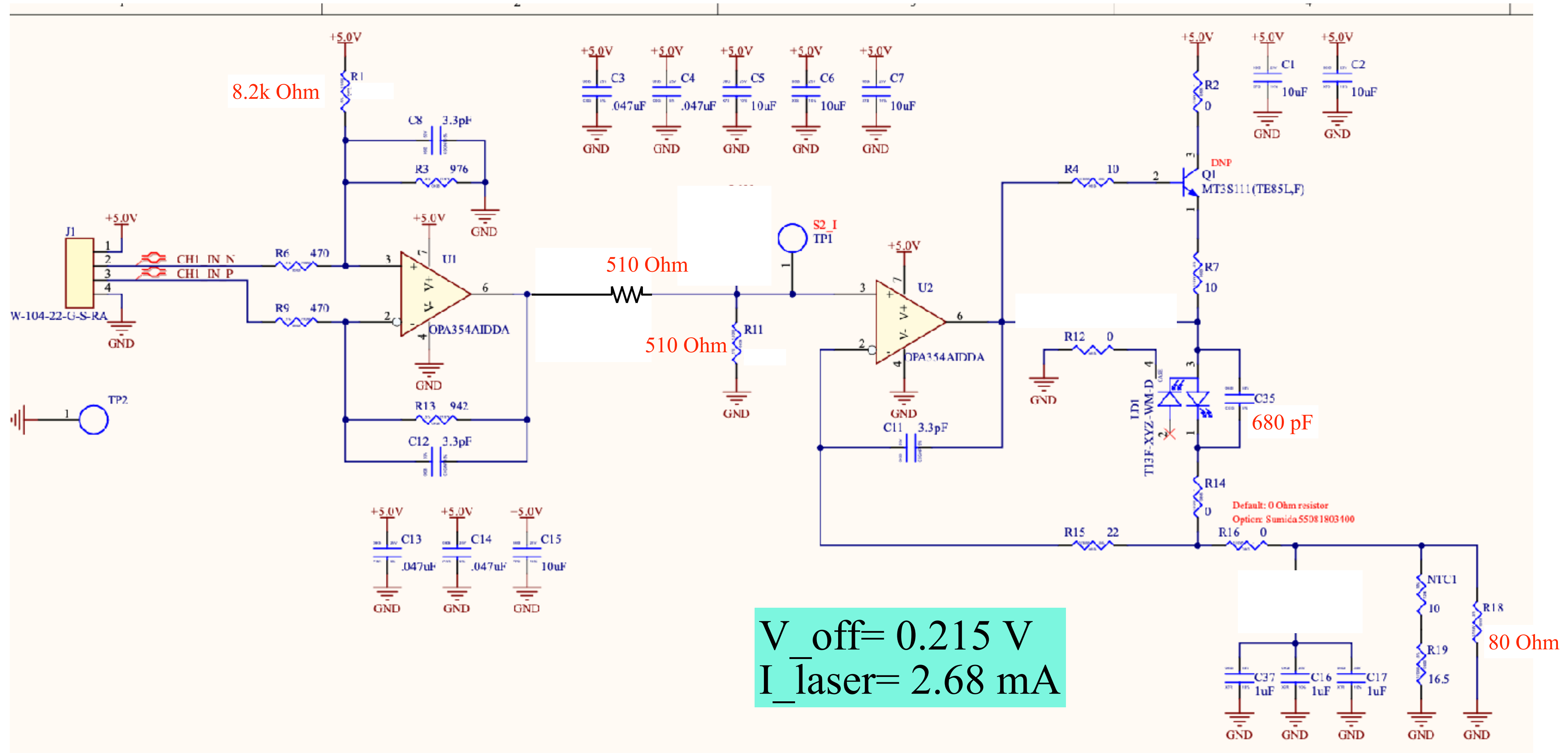
Configuration:

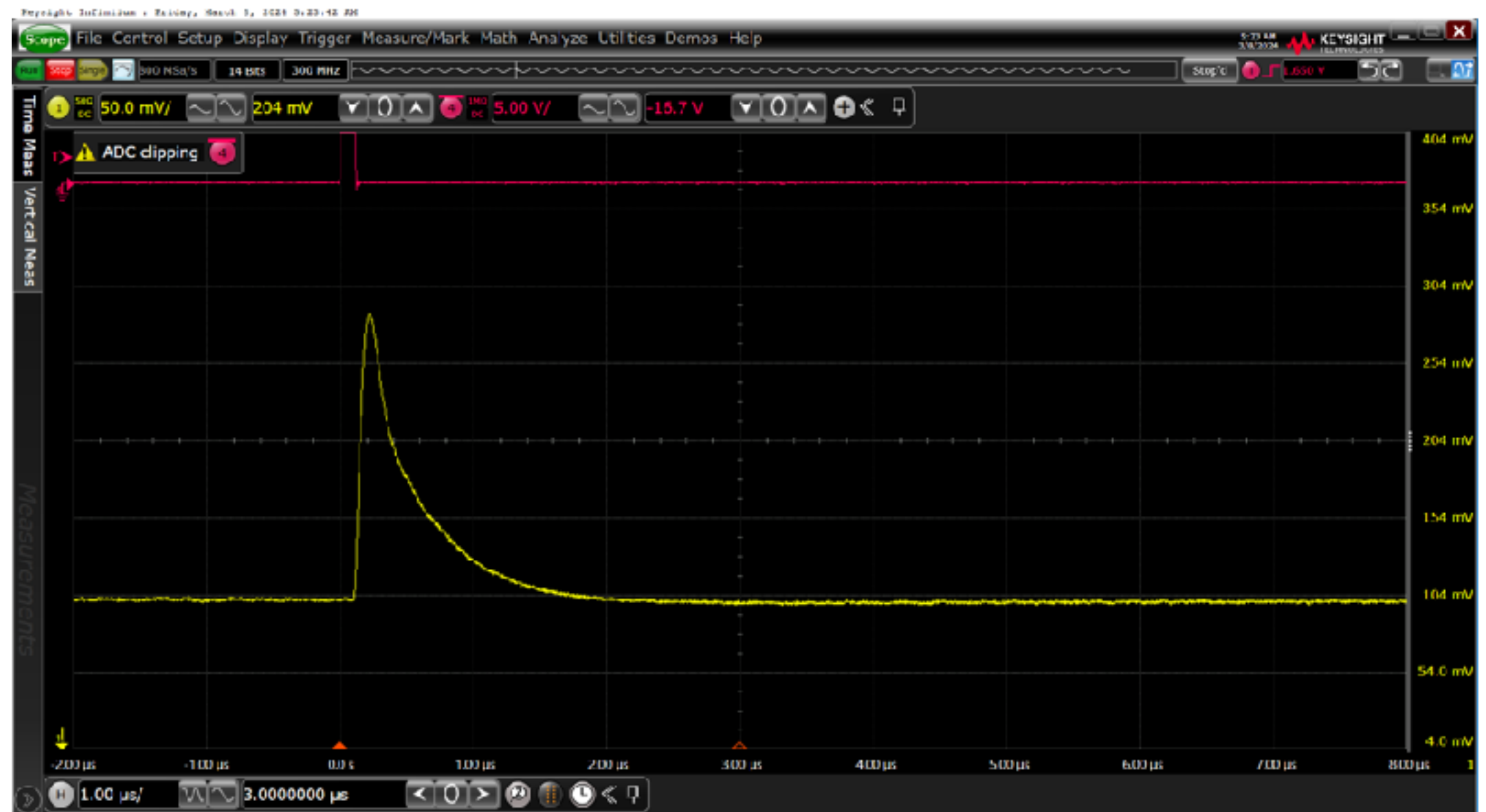
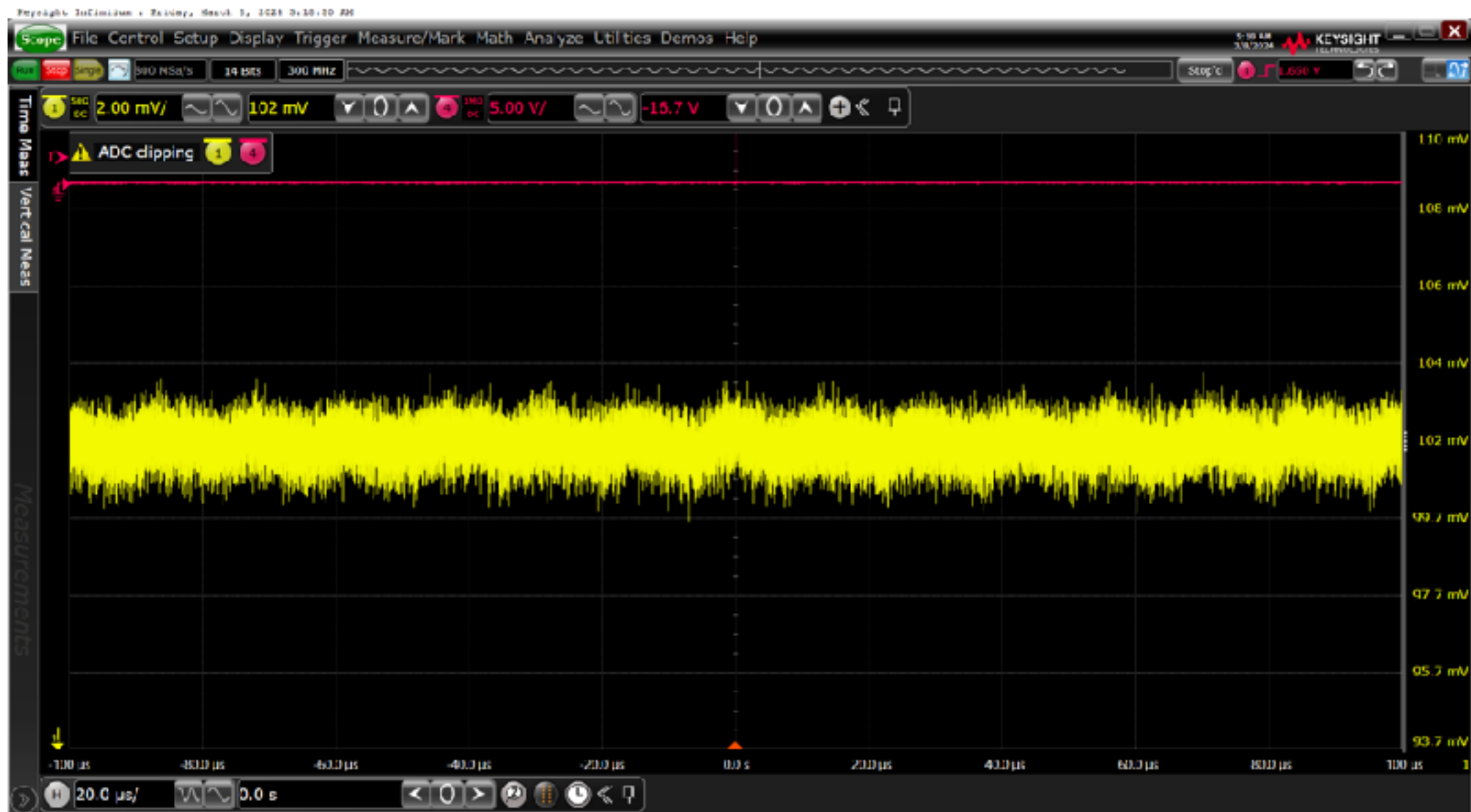
2x BiPolar OpAmp LMH6642

1x transistor MT3S111

DCDC 47V (Not last DCDC version sent by Mike few days ago).

4x Flex in Liquid Argon.

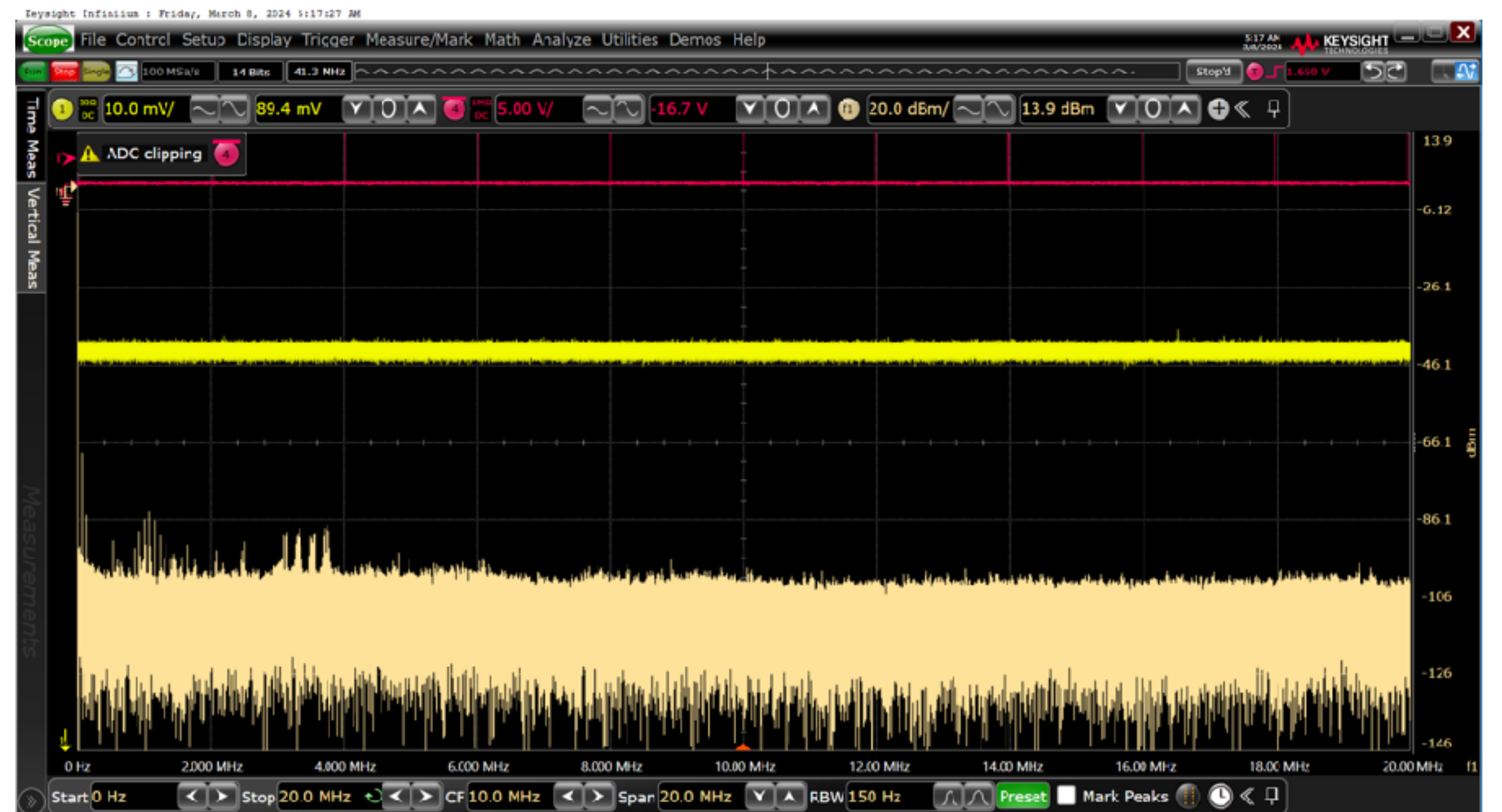
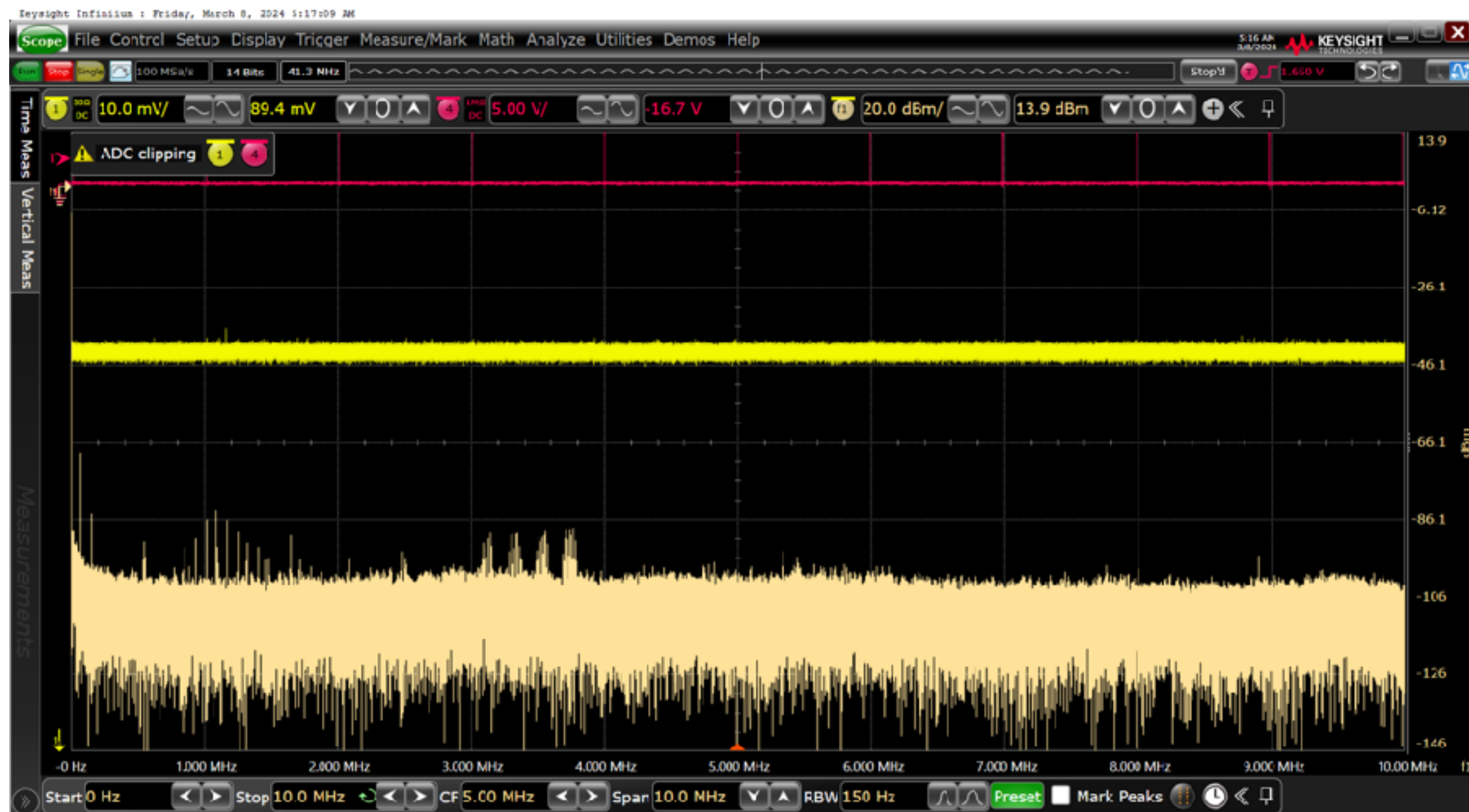




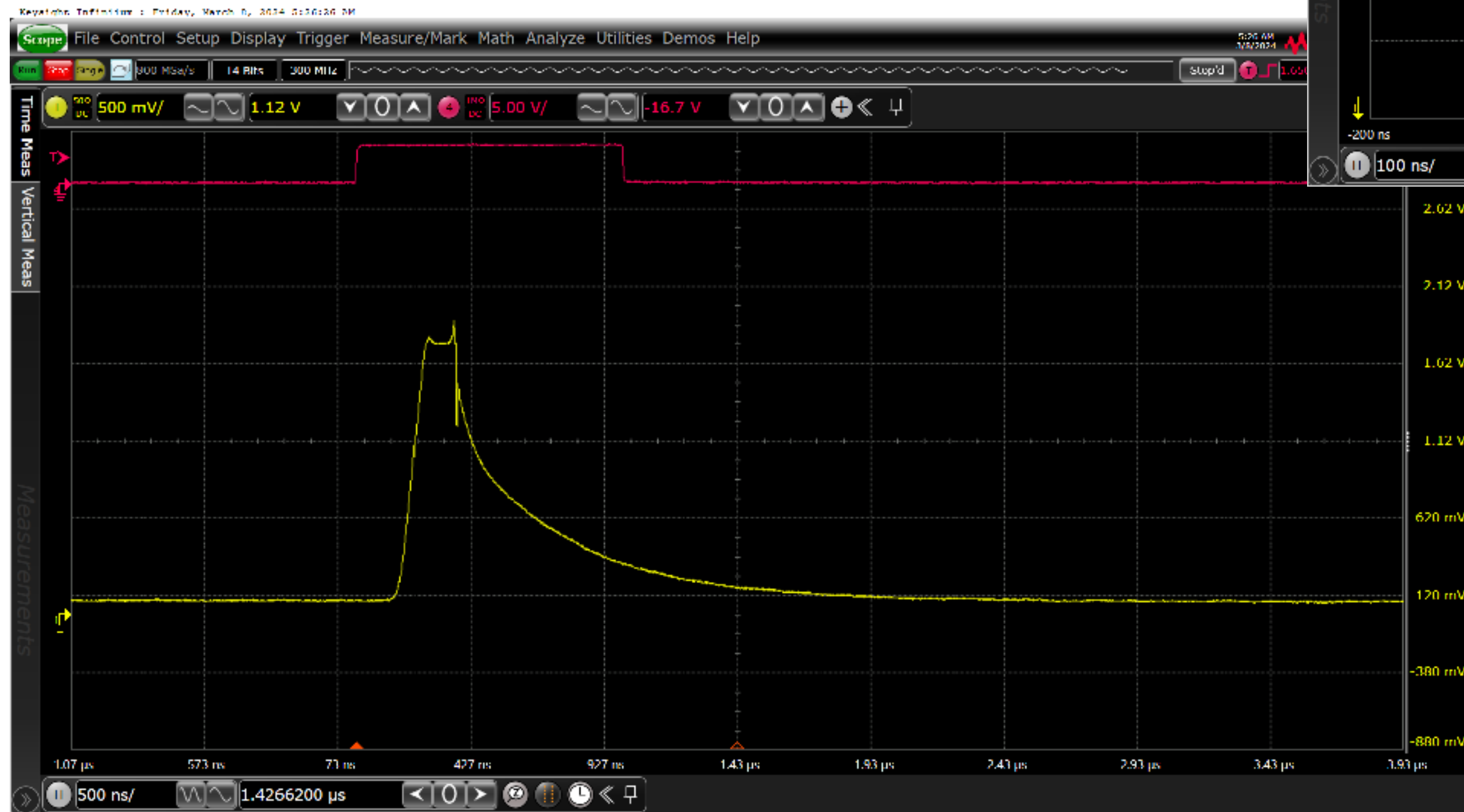
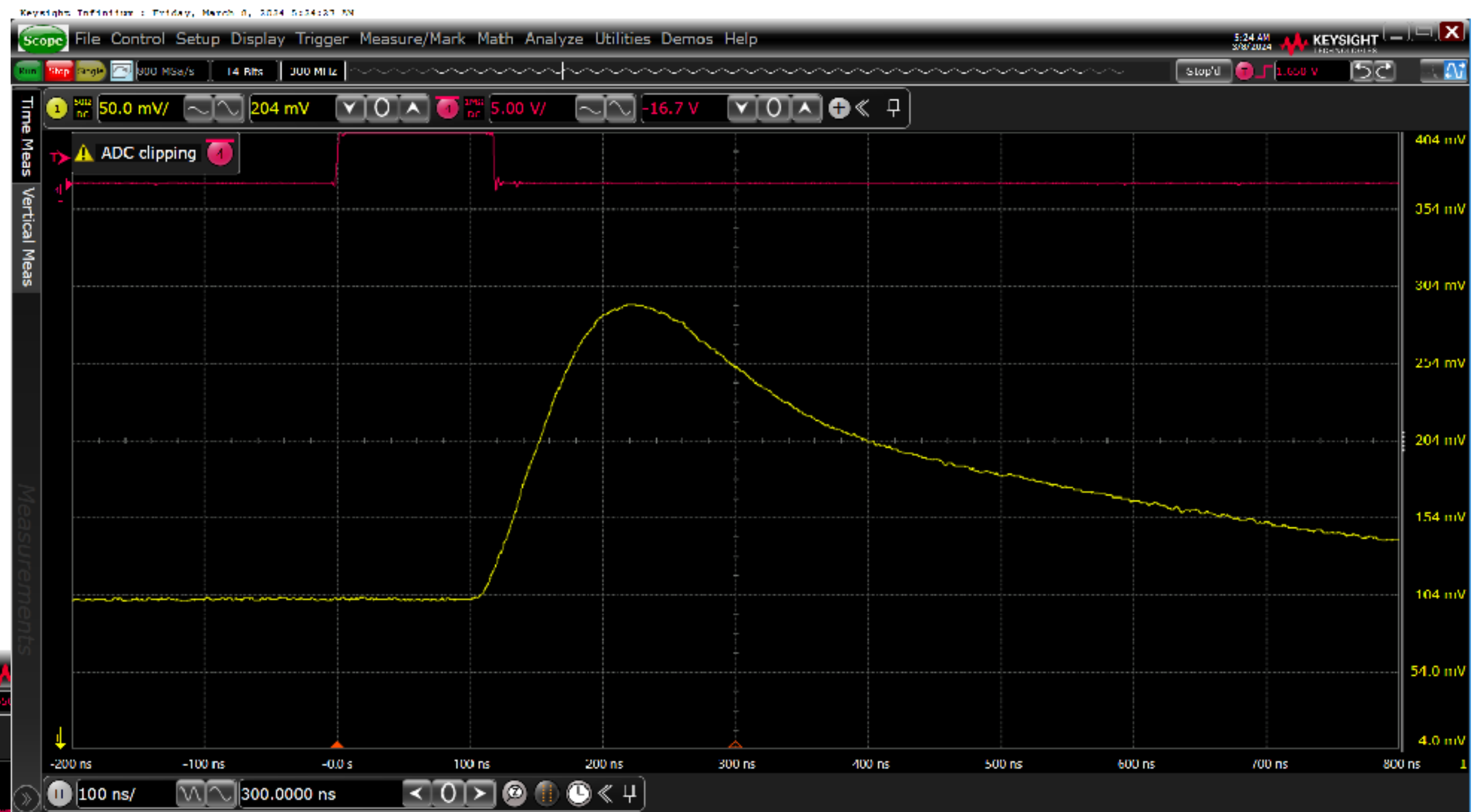
FFT

Strange noise at ~80kHz well peaked
(environmental?)

Peaks around 1MHz and 4 MHz



Rising edge <math>< 100\text{ns}</math>



Stauration at $\sim 1.6\text{V}$
 $= 1600\text{PE}$