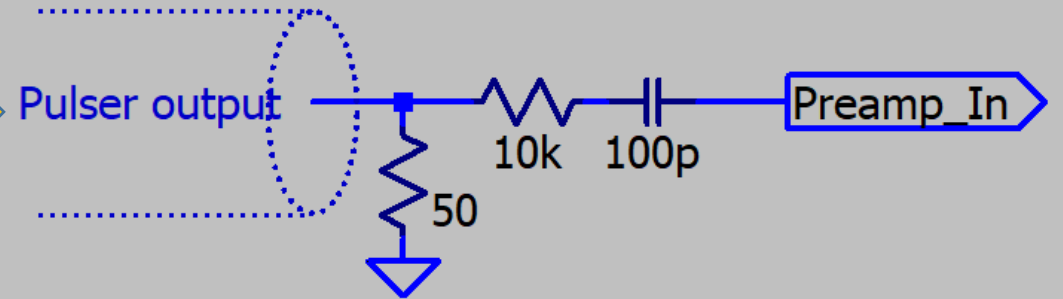
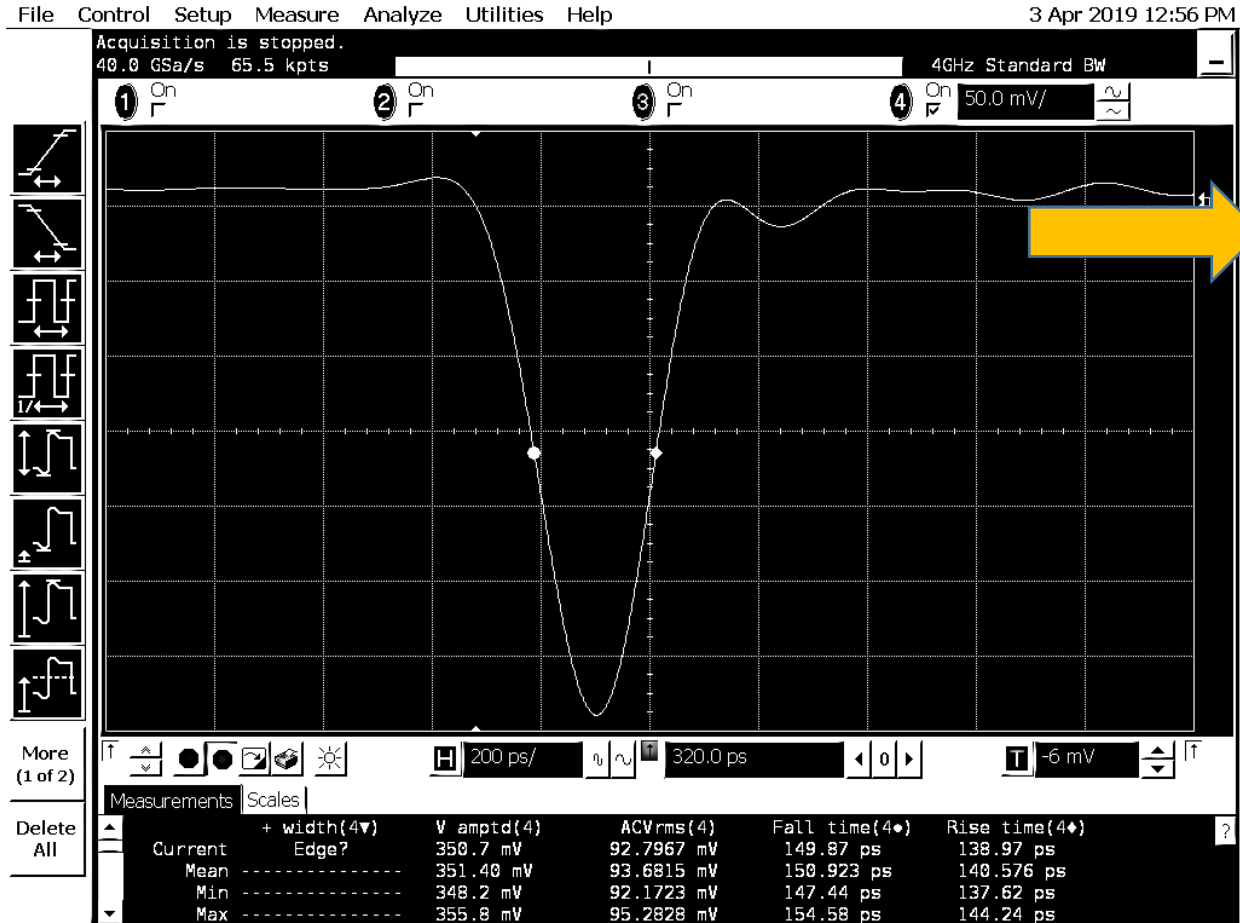


Progress on Seville Amp

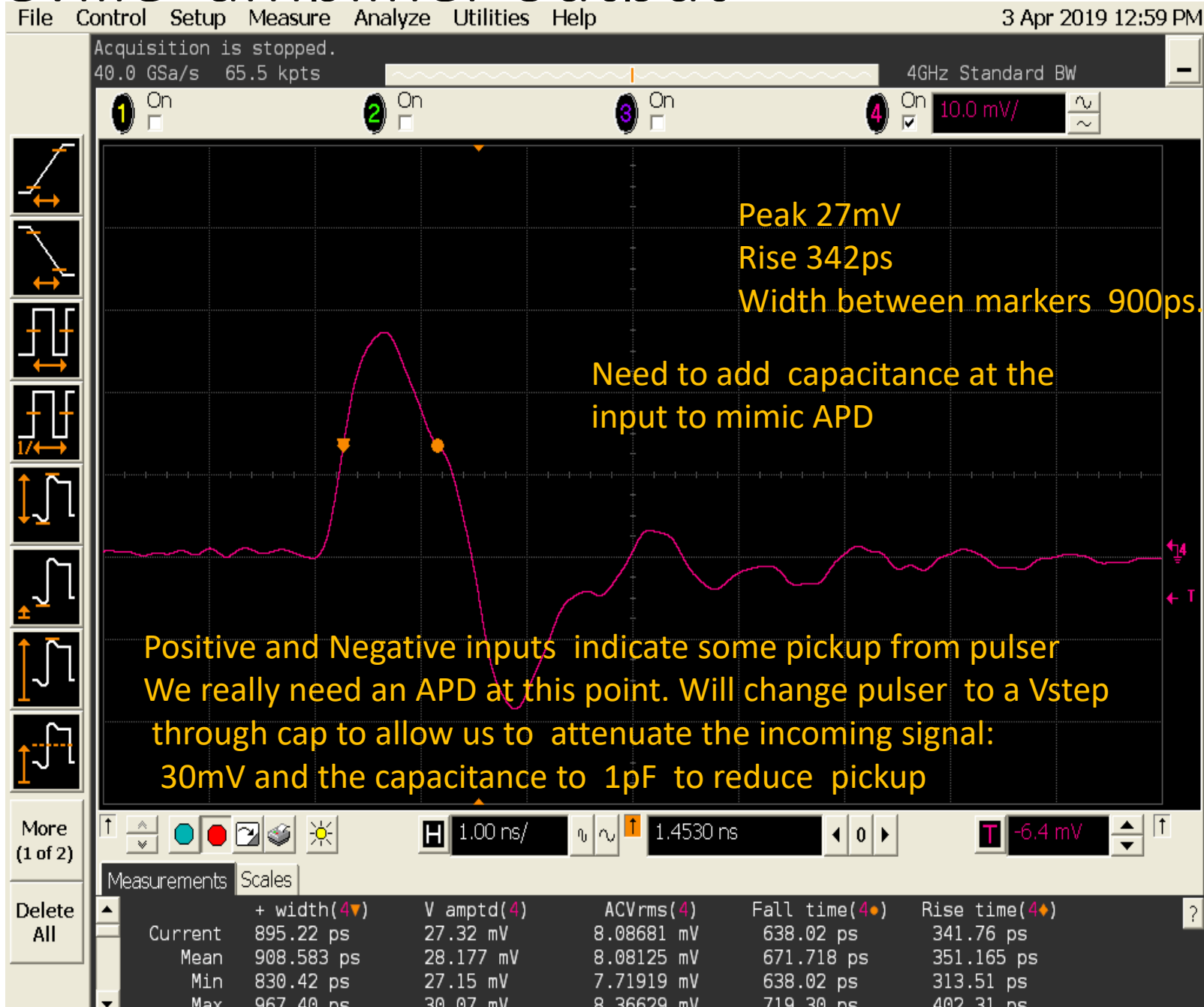
April 3, 2019

Input pulse



Pulser into 50Ω 350mV peak width at base = 400ps $Q = \frac{1}{2}(400\text{ps})350\text{mV}/10000 = 57\text{fC}$

Seville amplifier output



Replaced original transistors with Input & output BFU690 NPN's Emitter Follower BPF740

All lower bandwidth Multi-GHz transistors