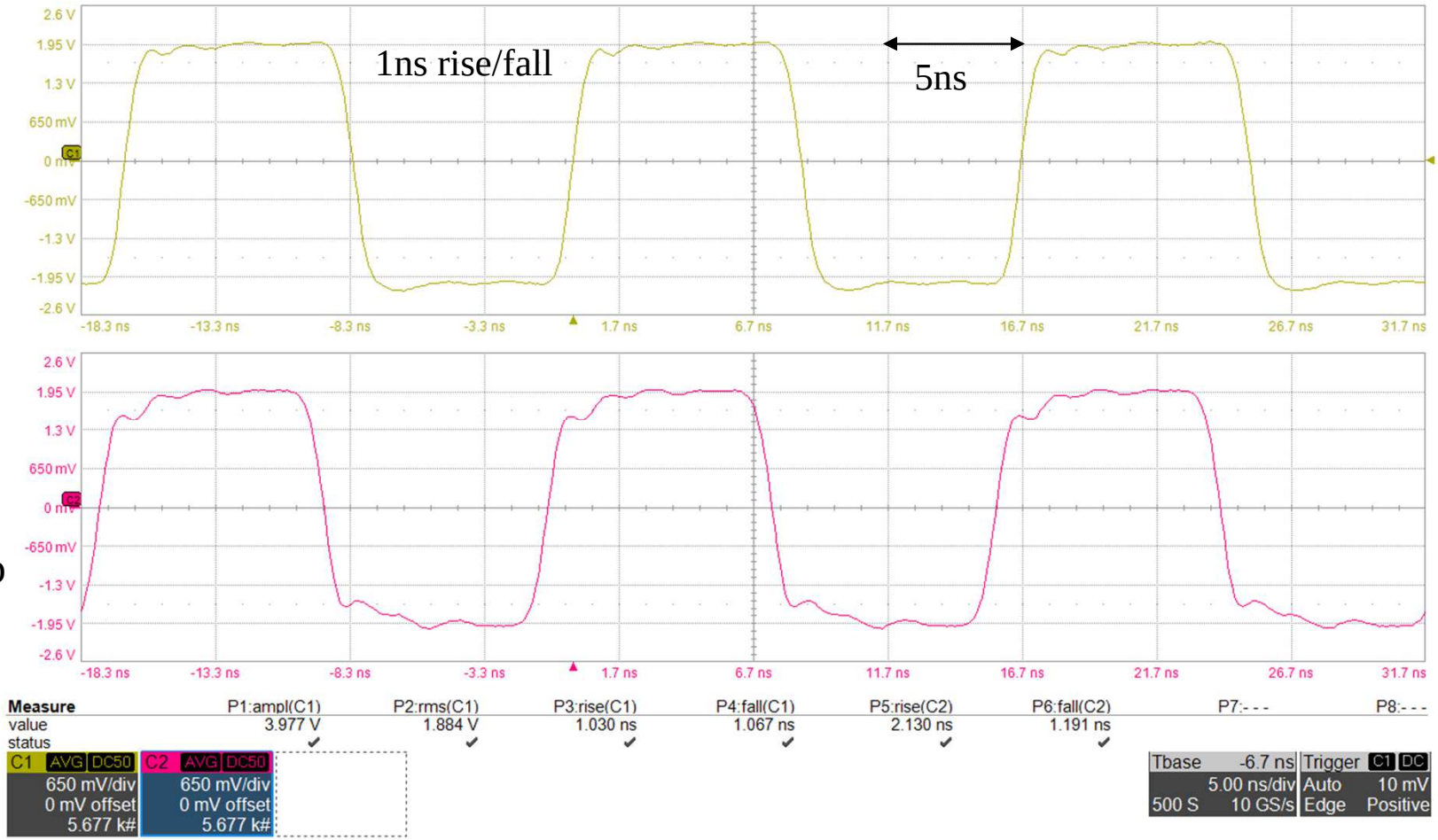
M2k module pulse response (Tek 5014 drive):

M2k has predistortion to compensate for TEK undershoot, improving pulseshape combined with less variation in pulseshape as a function of amplitude (see next slides)
Rise time improves by a factor of 2

4Vpp in 50Ω

Tek (2Vpp) via M2k 2V/V Amp

Tek only doing 4Vpp

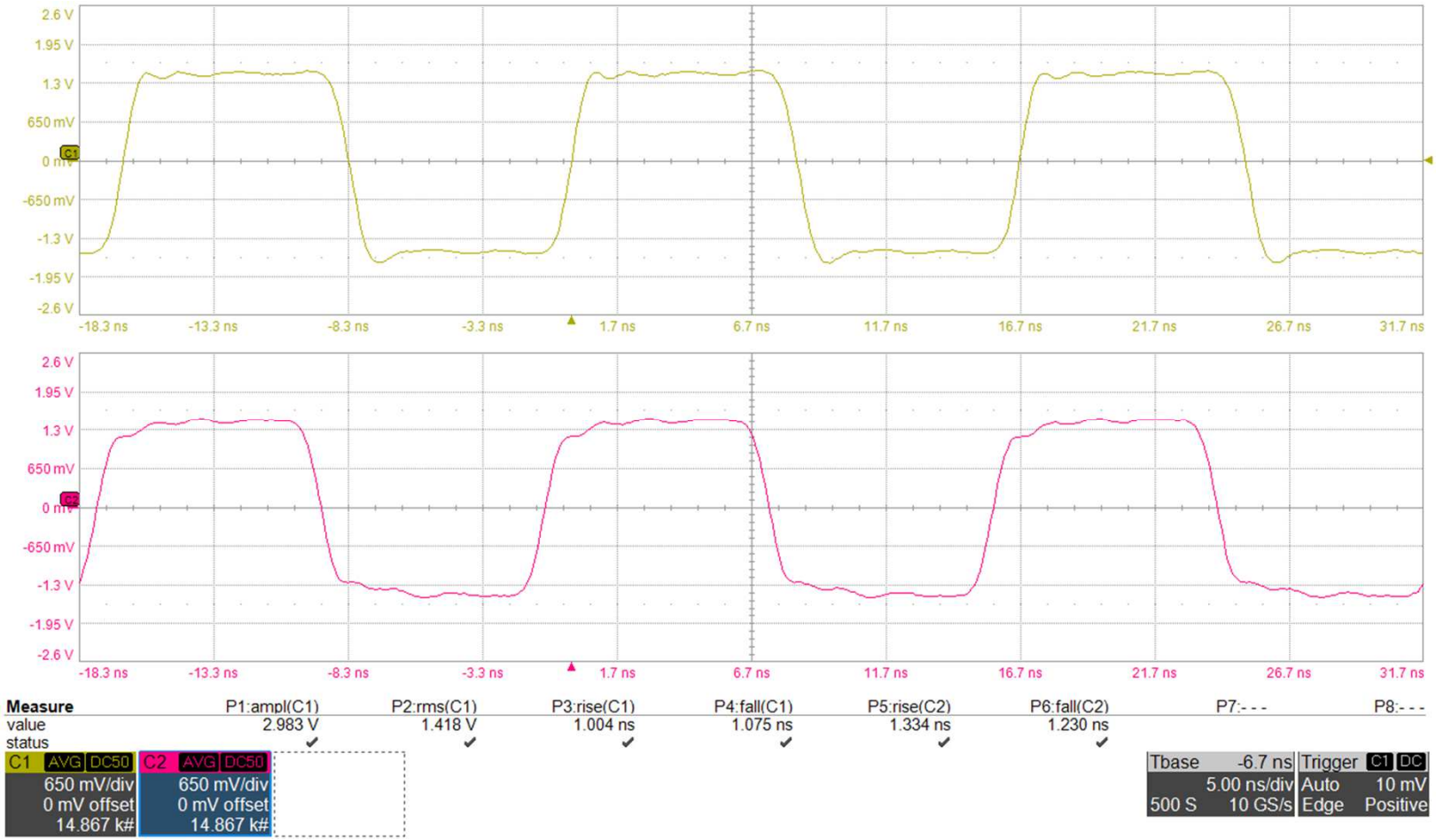


M2k module pulse response (Tek 5014 drive):

3Vpp in 50Ω

Tek (1.5Vpp) via M2k 2V/V Amp

Tek only doing 3Vpp



M2k module pulse response (Tek 5014 drive):

2Vpp in 50Ω

Tek (1Vpp) via M2k 2V/V Amp

Tek only doing 2Vpp