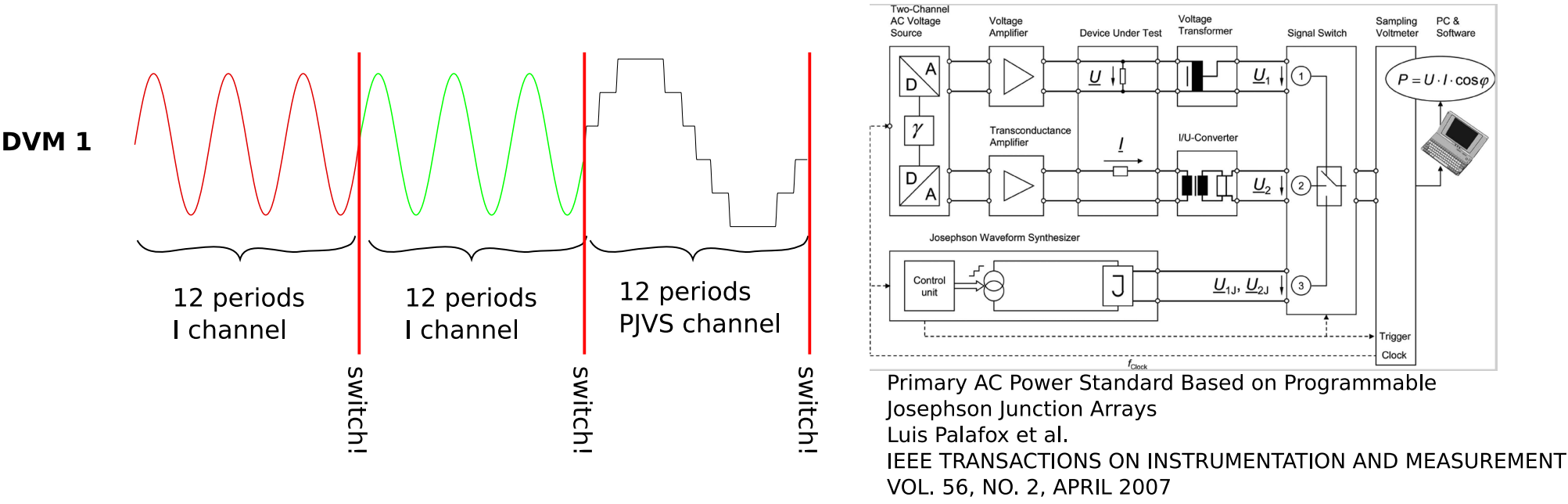


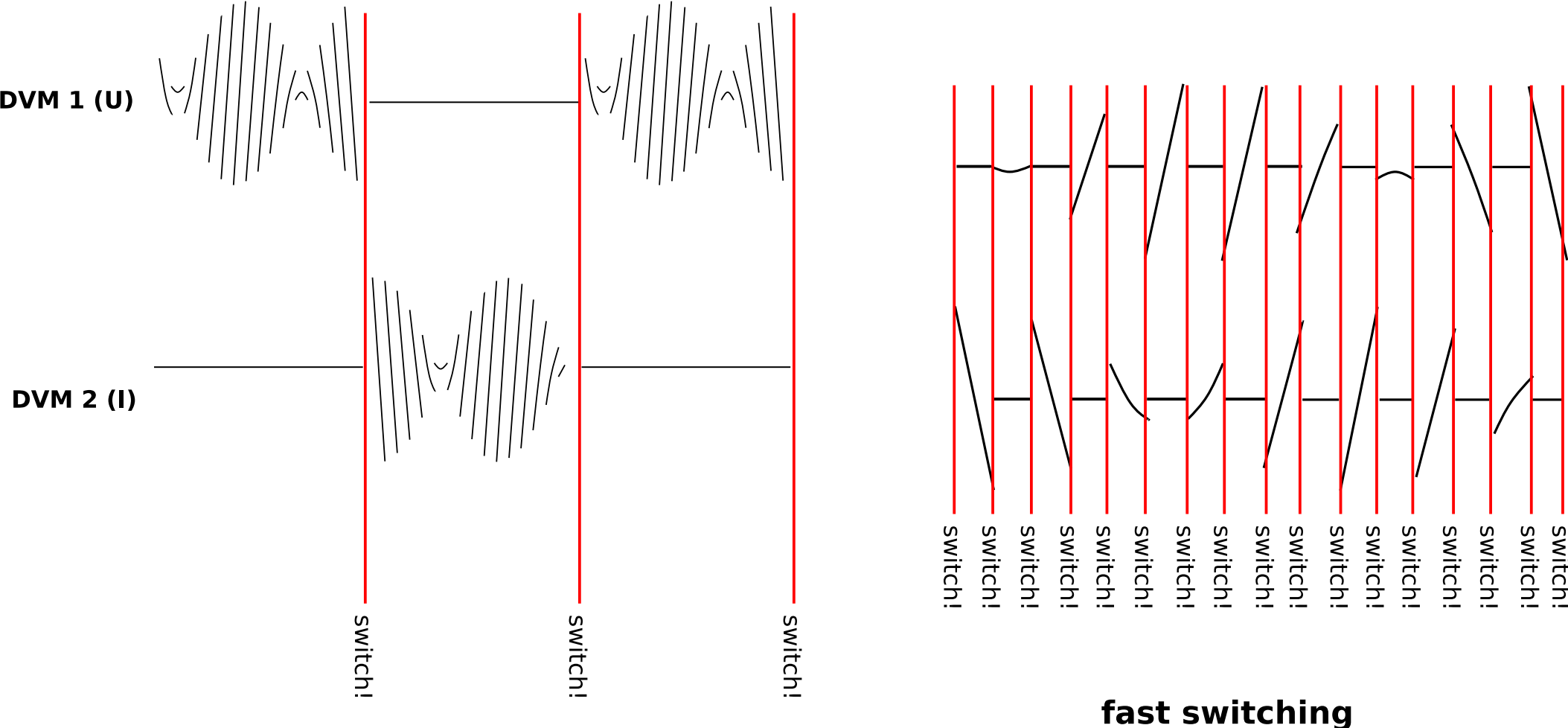
Direct sampling measurements  
DVM measure waveform, PJVS is used to  
measure gain of digitizer

1 PJVS, 1 DVM, PTB method. <33% of U/I waveforms sampled



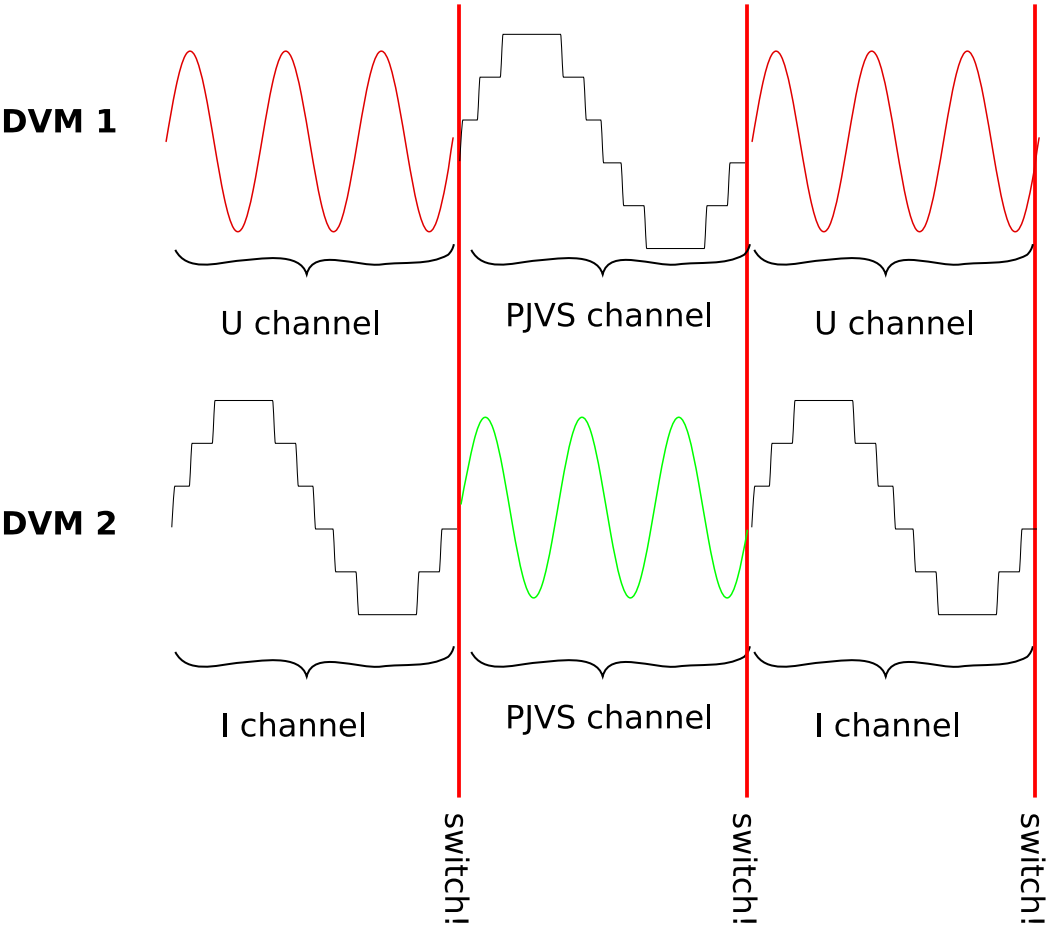
Differential measurements  
DVM measure difference between PJVS  
and U/I signal

1 PJVS, 1 DVM

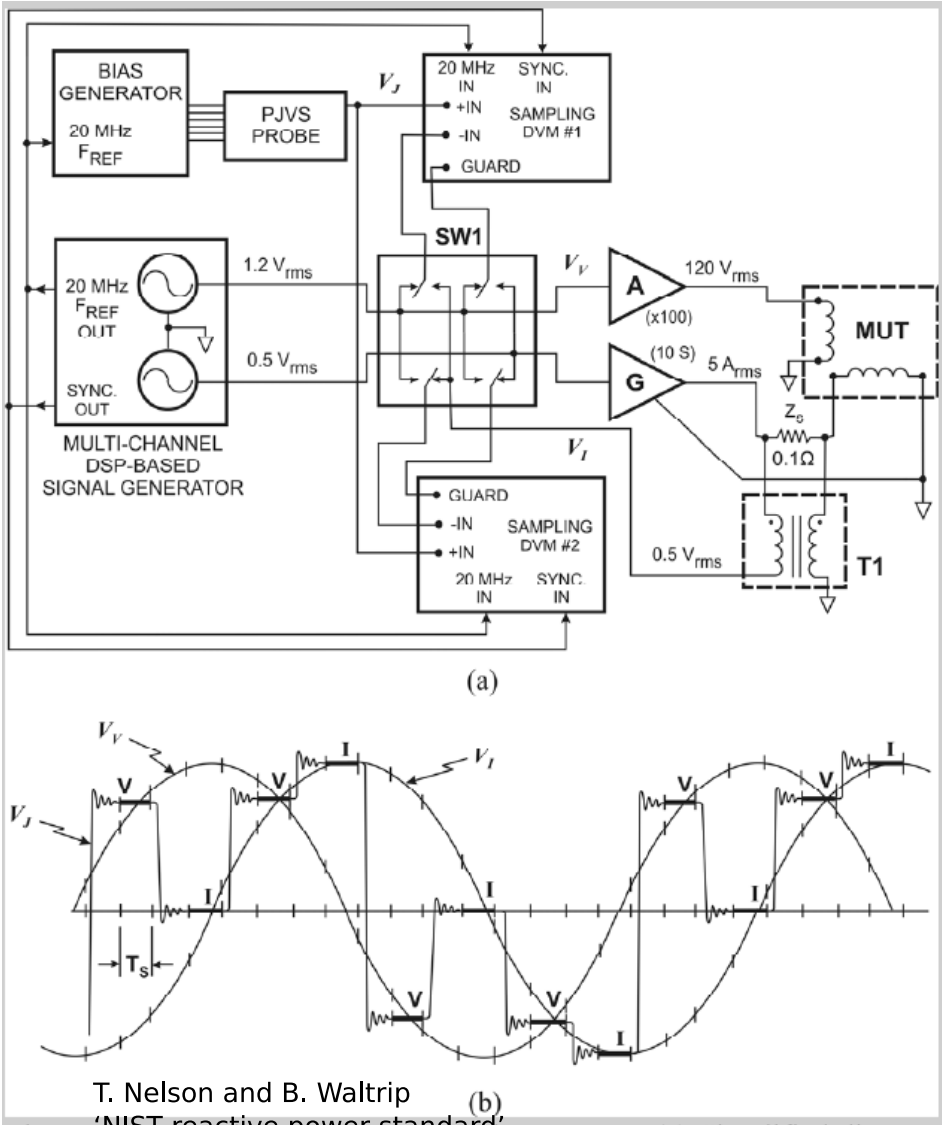
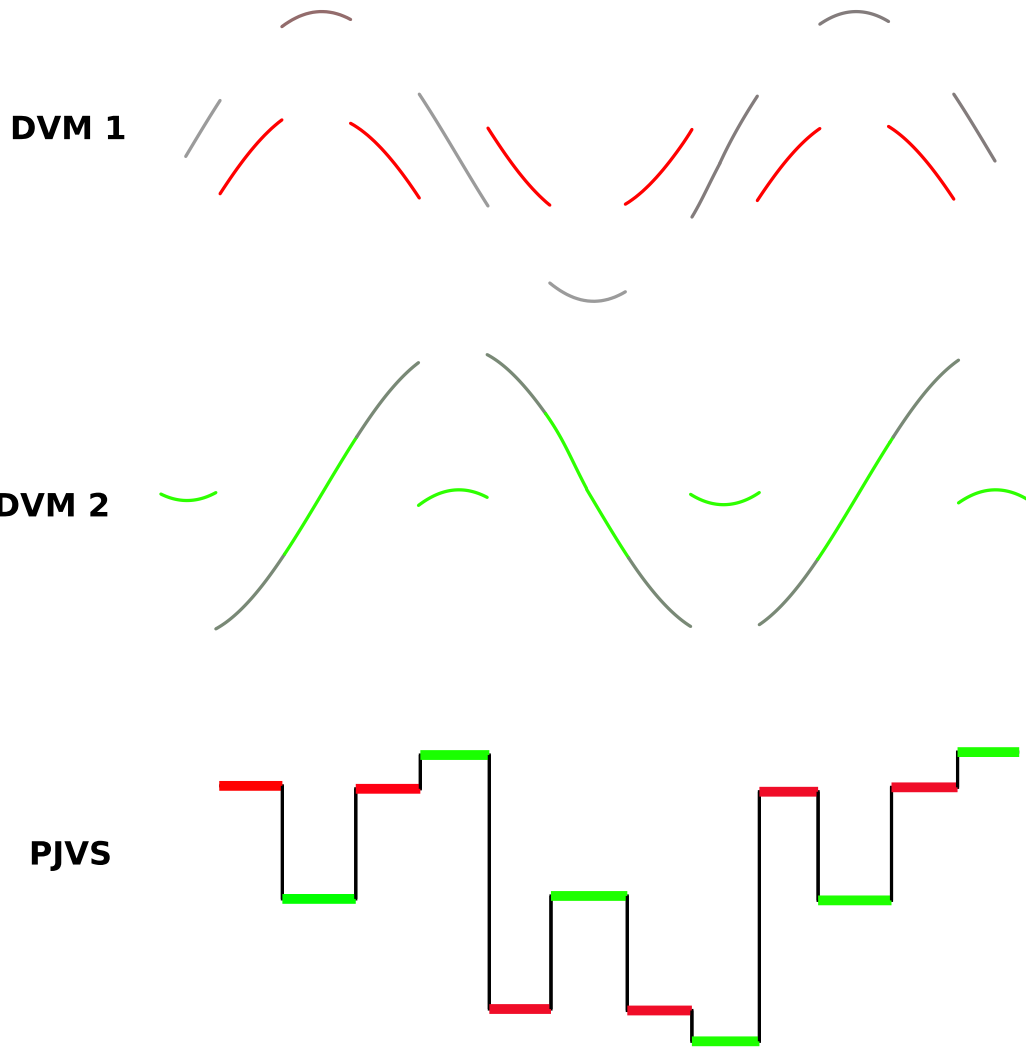


slow switching

1 PJVS, 2 DVM. <50 % of U/I waveforms sampled

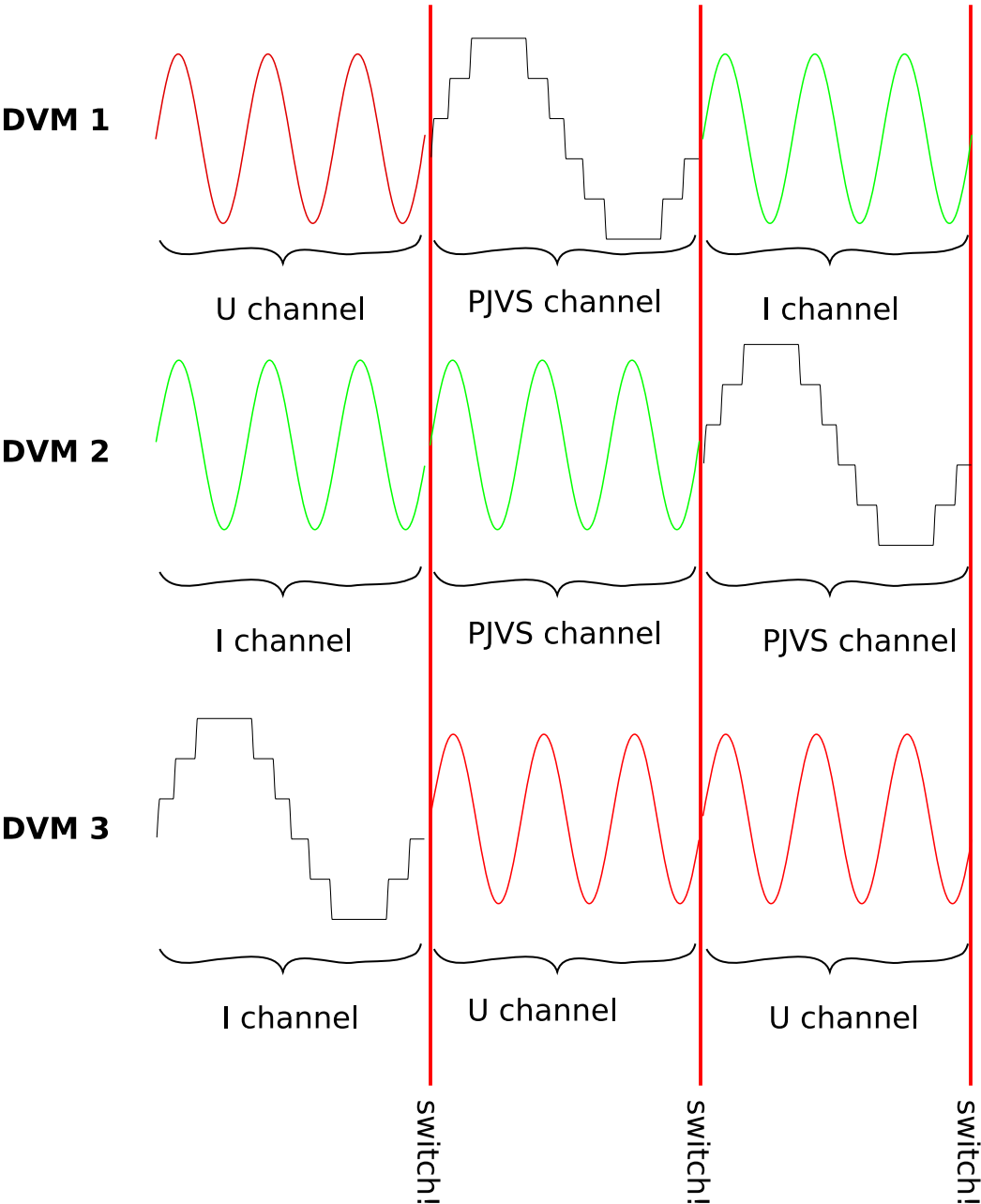


1 PJVS, 2 DVM, NIST method



T. Nelson and B. Waltrip  
'NIST reactive power standard'  
2012 IEEE Power and Energy Society General Meeting, 2012, pp. 1-5.

1 PJVS, 3 DVM. 100 % of U/I waveforms sampled



2 PJVS, 2 DVM

