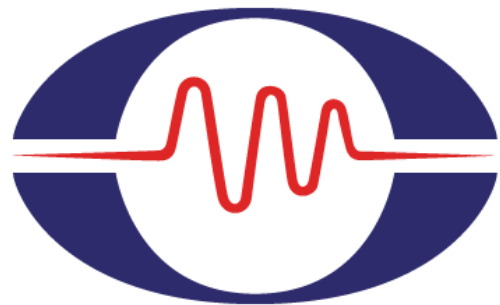


Power System Measurement Solutions



PICOTEST

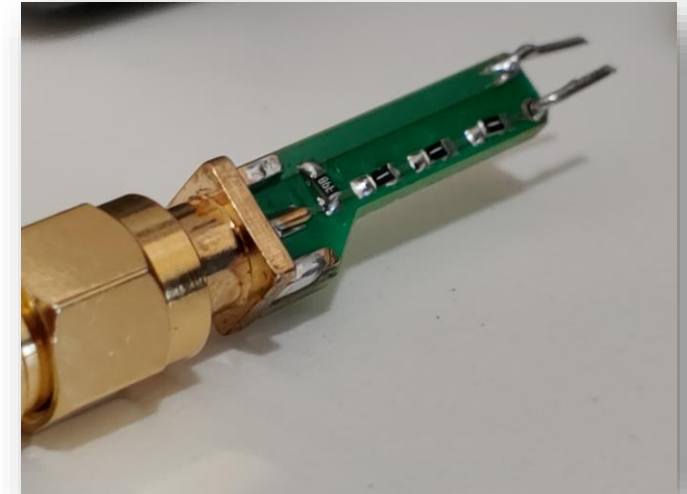
Ripple Probe

Picotest products are designed to simplify measurements and maximize the value of your instruments

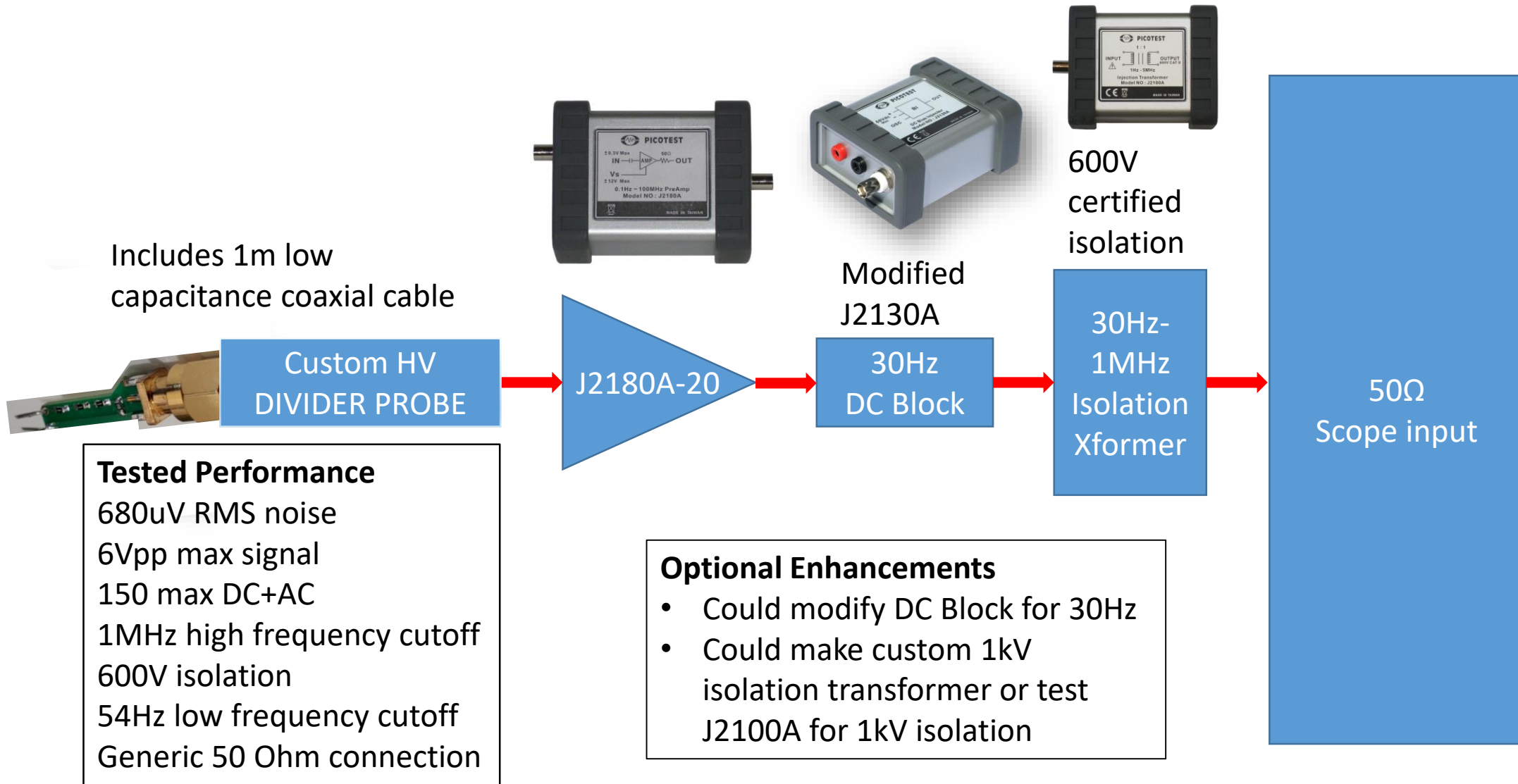


Picotest 150V 1MHz Ripple Probe

- Works with all 50ohm inputs/all scopes
 - Can use your Lecroy Scope
- ½ the cost of an IsoVu probe, which is probably not a solution as its too noisy)
- Meets 10mV resolution - 600uV RMS
- Meets 1MHz bandwidth
- Further Options
 - Added permalloy shield for the J2180A, greater noise immunity
 - Added permalloy shield for the probe, greater noise immunity
 - Lower bandwidth possible with blocking capacitor
 - Revised Transformer Higher isolation

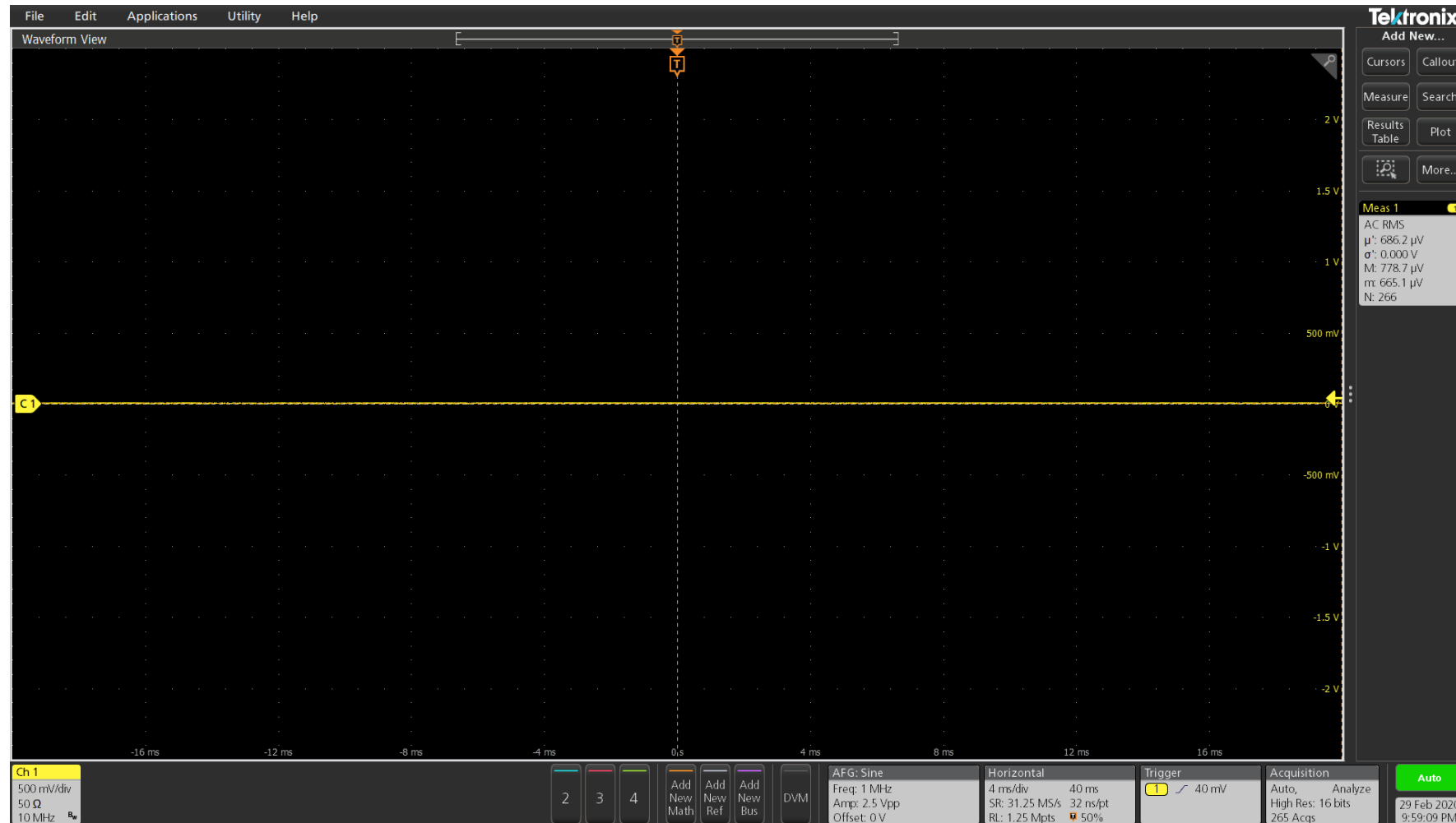


150V Noise Probe Configuration



Complete Setup Noise

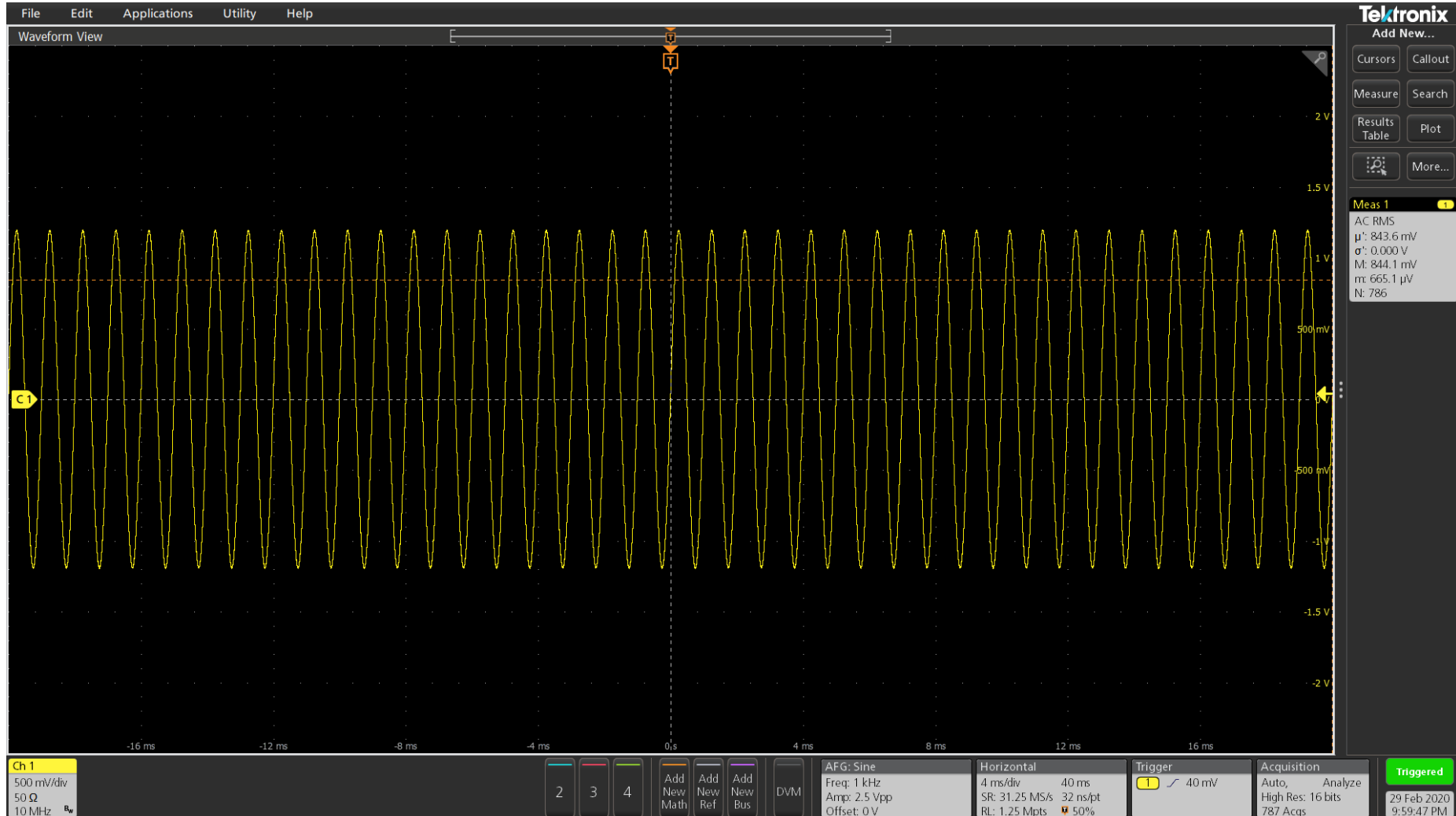
682uVrms 25Hz-10MHz



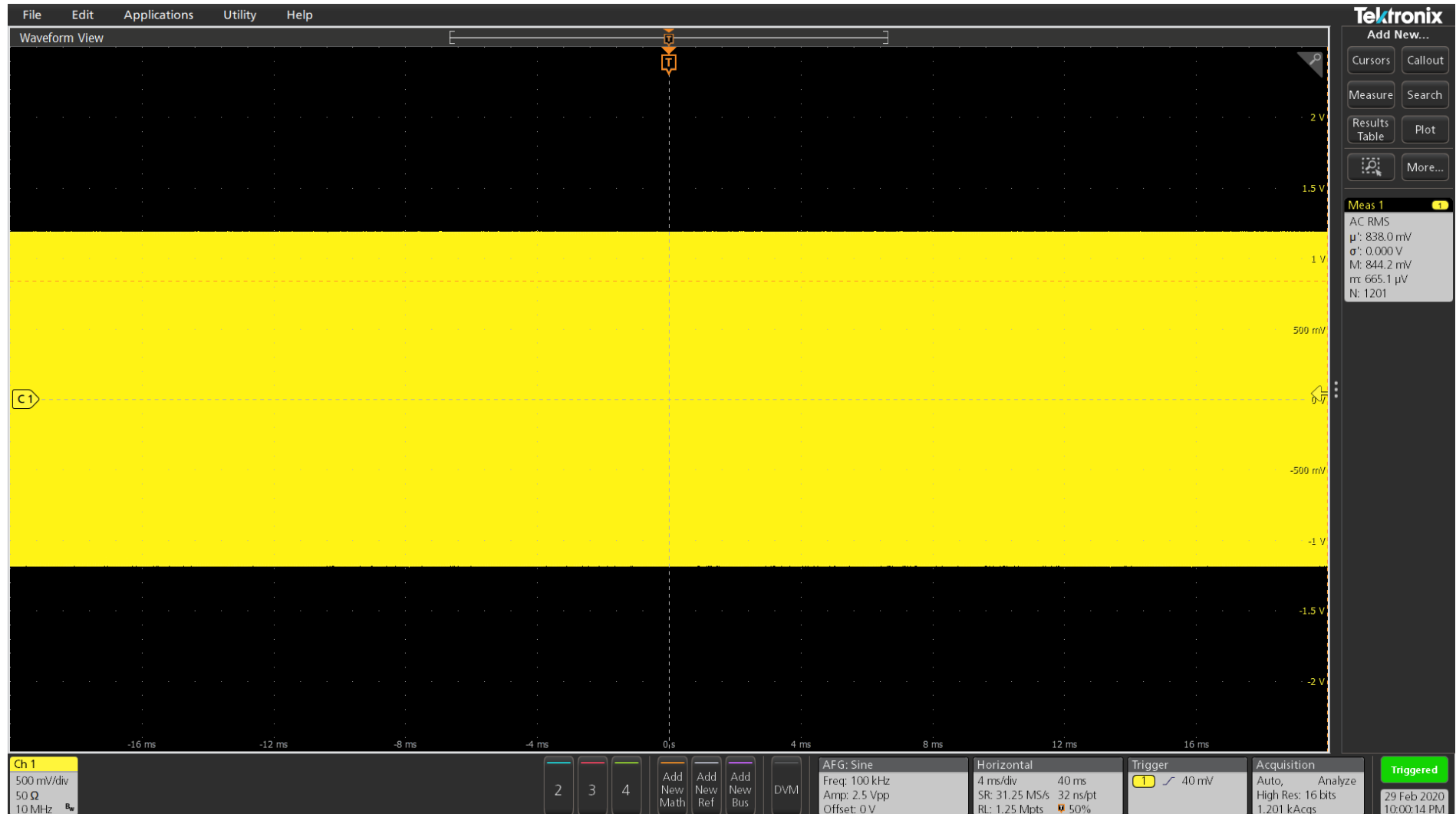
1kHz Amplitude Test

Meas 1

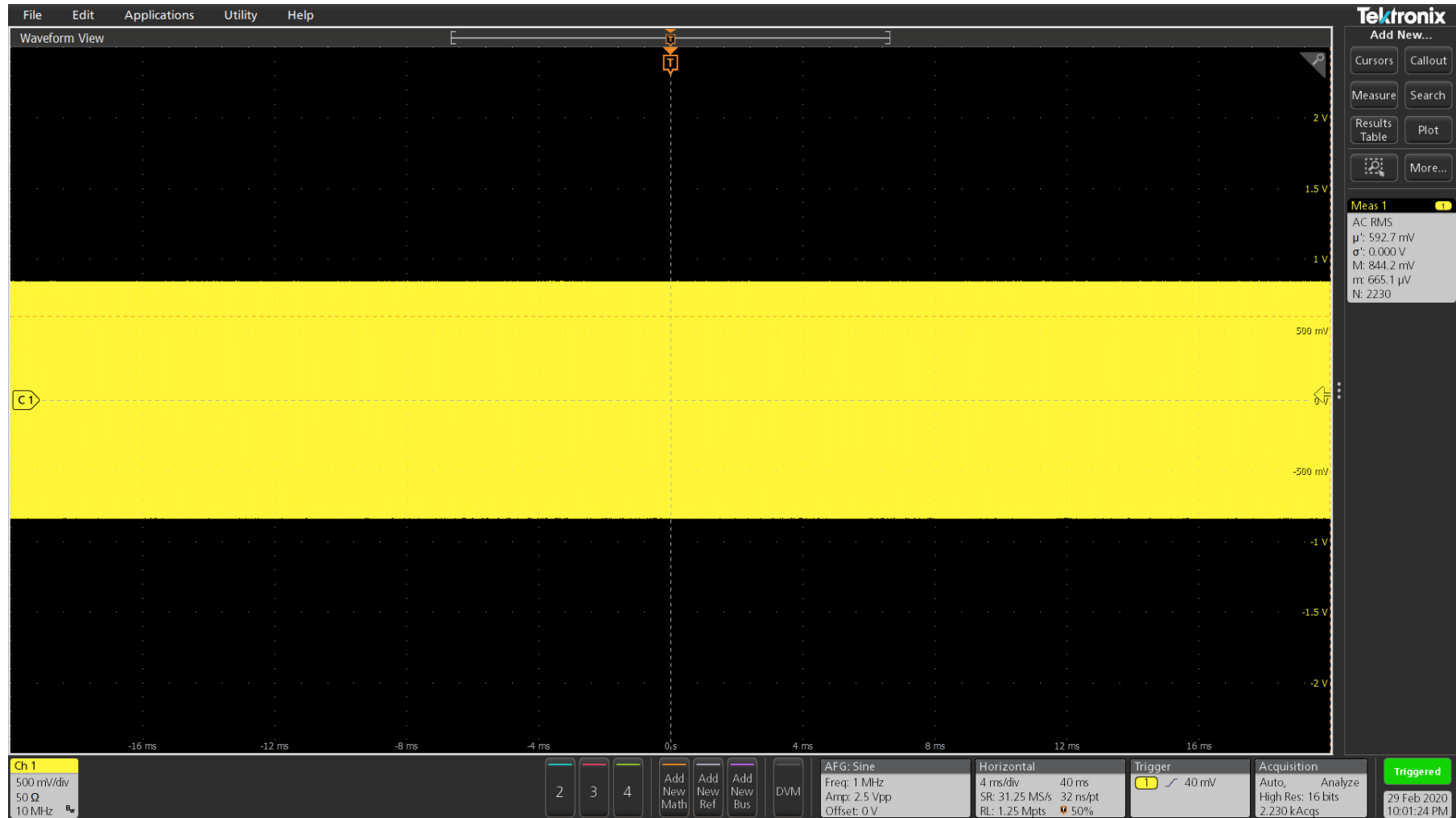
AC RMS
 μ : 843.6 mV
 σ : 0.000 V
M: 844.1 mV
m: 665.1 μ V
N: 786



100kHz Amplitude Test



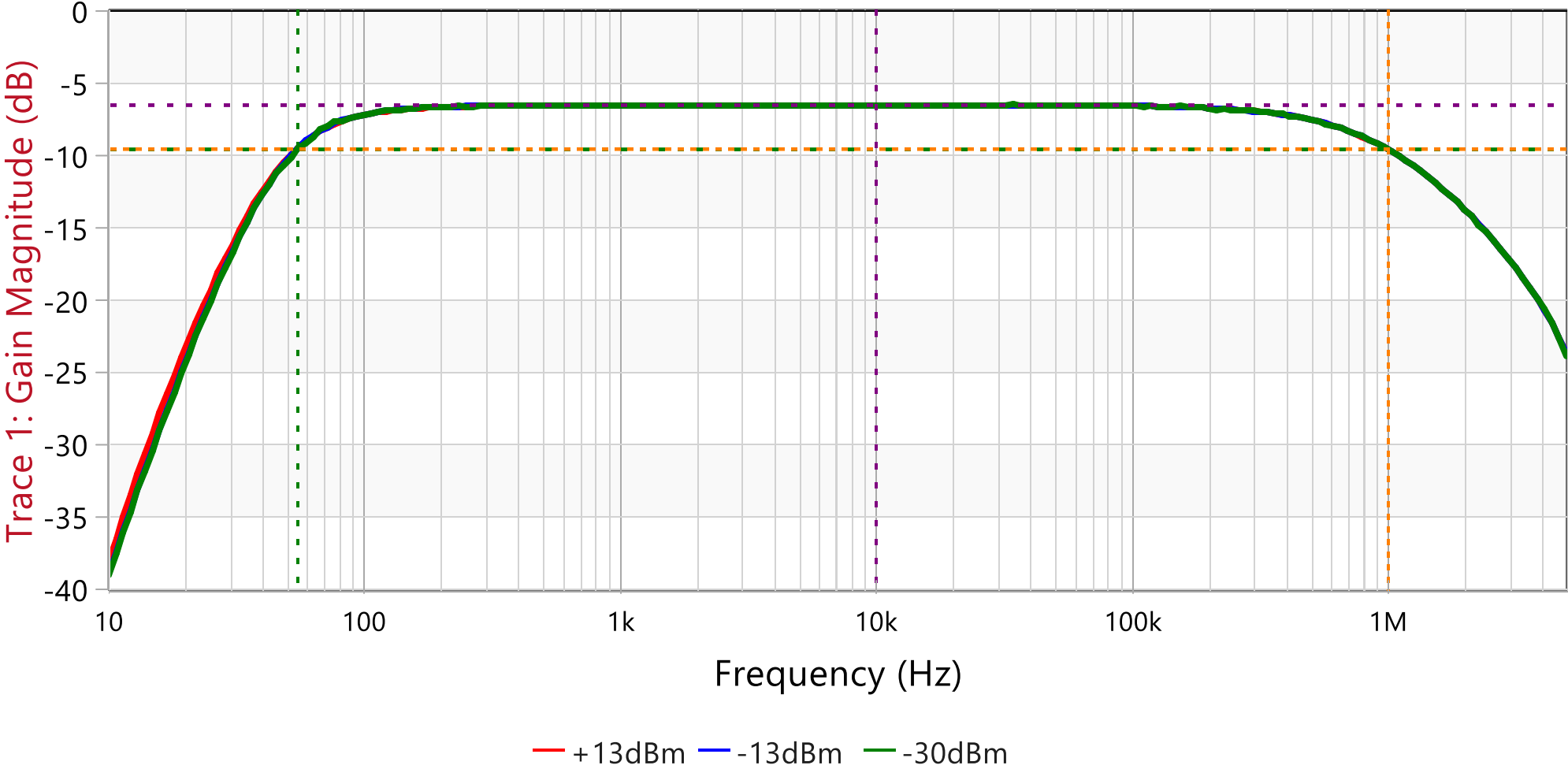
1MHz Amplitude Test



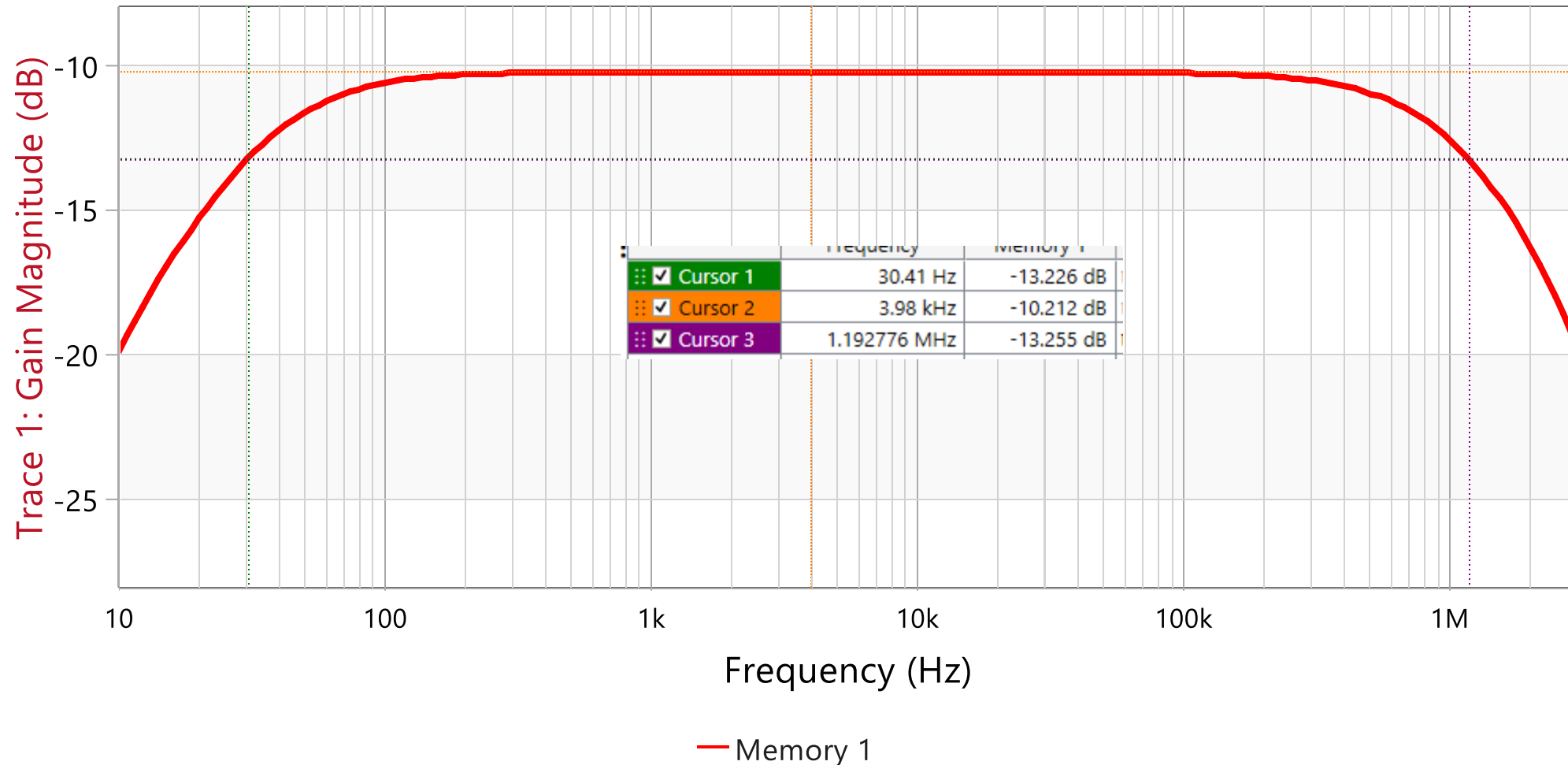
2MHz Amplitude Test



Uncorrected Gain Flatness



Updated Probe for 200V 30Hz-1MHz



Noise at 30Hz-10MHz Bandwidth

