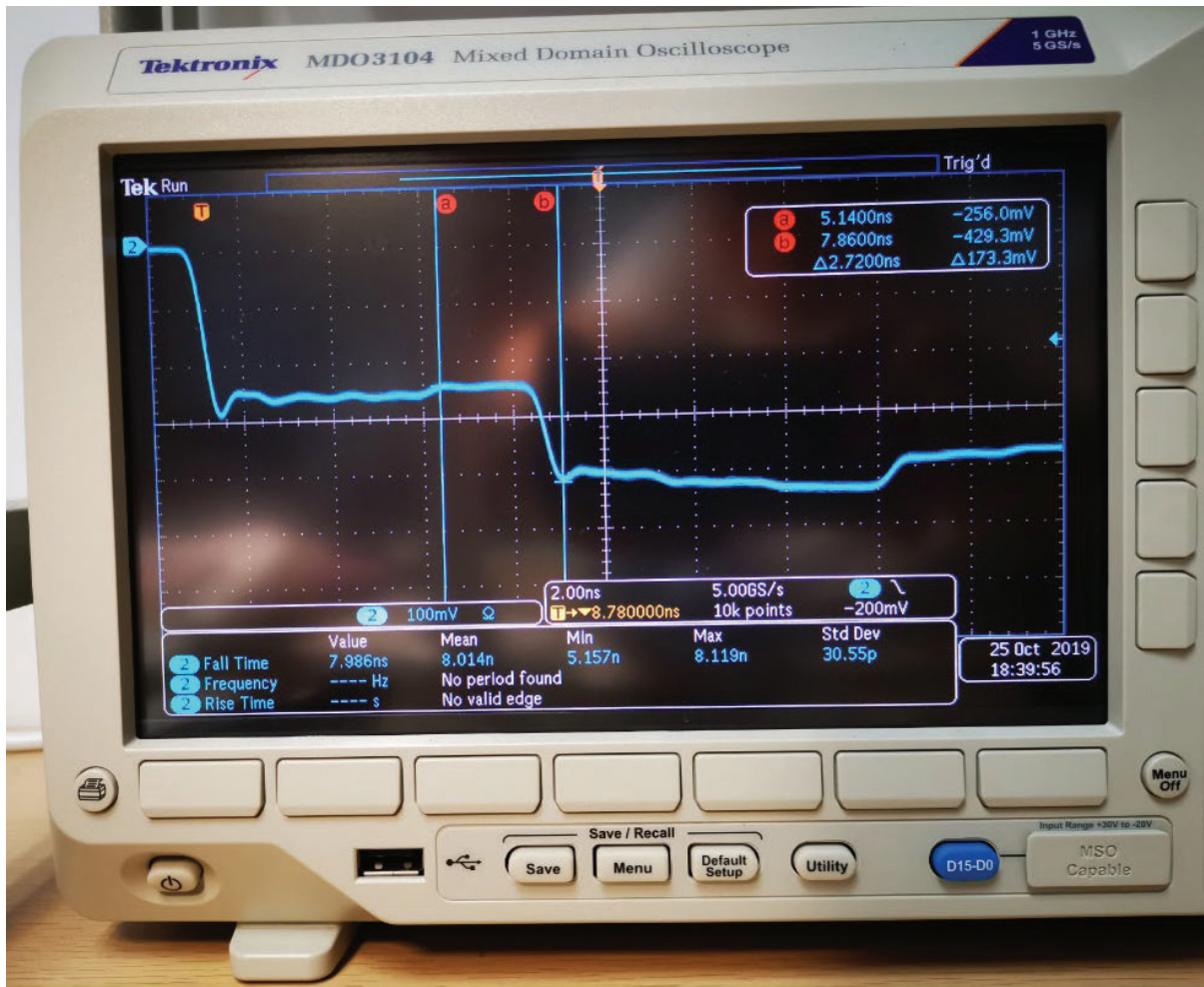




The point at cursor “a” is the starting point for the round way trip of the falling edge.



TDR result with DUT

The point at cursor “b” is the ending point for the round way trip of the falling edge.

$$\text{Round Way Time} = 2.72\text{ns} = 2.72 * 10^{-9} \text{ s}$$

The Length is 0.2 m

Thus,

$$Dk = \frac{2.25 * 10^{16} * (\text{Round Way Time in Second})^2}{(\text{Length in Meter})^2}$$
$$= \frac{2.25 * 10^{16} * (2.72 * 10^{-9})^2}{(20 * 10^{-2})^2}$$