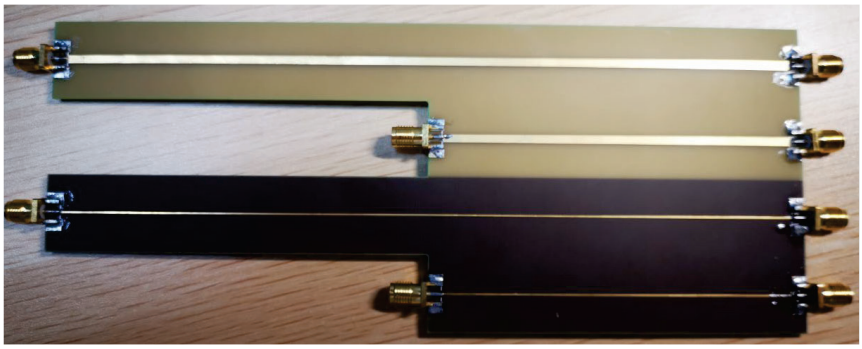
$$One\ Way\ Time = \frac{length\ in\ meter}{Vf*3*10^8\ in\ m/sec} \quad (4)$$

$$One\ Way\ Time\ = \frac{Round\ Way\ Time\ in\ second}{2} \quad (5)$$

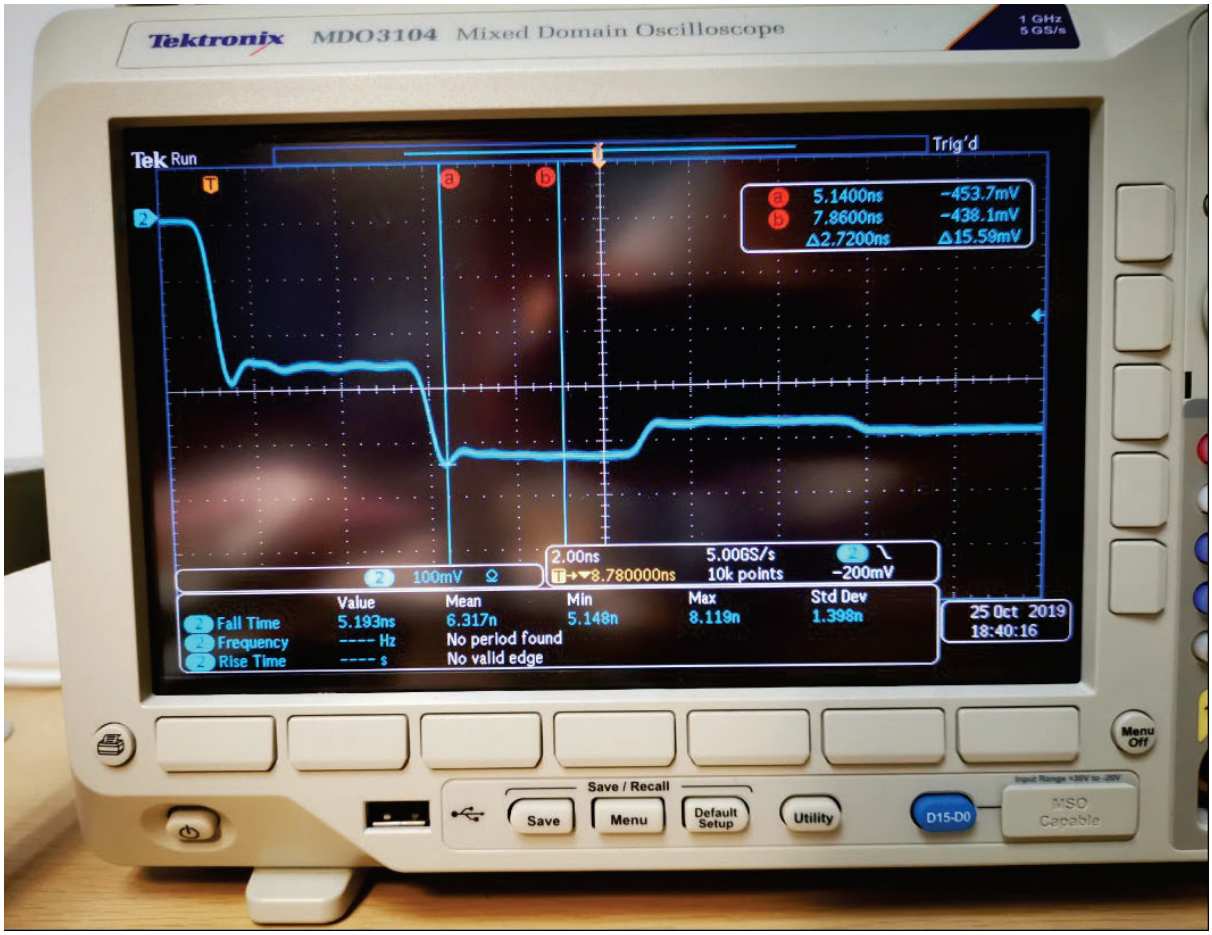
According to the equations (3), (4) and (5):

$$Dk = \frac{2.25*10^{16}*(Round\ Way\ Time\ in\ Second)^2}{(Length\ in\ Meter)^2} \quad (6)$$

Measurement Example:



Impedance traces, the first 20cm trace is used in this example



TDR result without DUT