2.3.2

b) 51,57 µs ΔT

$T_{C2} = 101,3\ \mu s$

$T_{C1} = 102,6\ \mu s$

Phaseshift $\varphi = \frac{\Delta T}{T_{C1}} \cdot 360 = 181°$

Waveforms:

169,2°

Spectrum 10 kHz

$T_1 = 1,199\ dB$

$T_2 = -40,491\ dB$

$T_1 - T_2 = 1,199 dB - (-40,491 dB)$

$= 41,69$

Network $C_1 = 41,464\ dB$

$C_2 = -42,50007\ dB$

168°

RS1

Spectrum

$T_1 = -41,4074$ dB $T_2 = -40,43287$ dB

10kHz

Network

$C_1 = 35,512$ dB

$C_2 = -36,412$ dB

Scope

ΔT $\Delta T = 52,54\,\mu s$

$T_1 = 98,56\,s$

Measurements: 172,75°