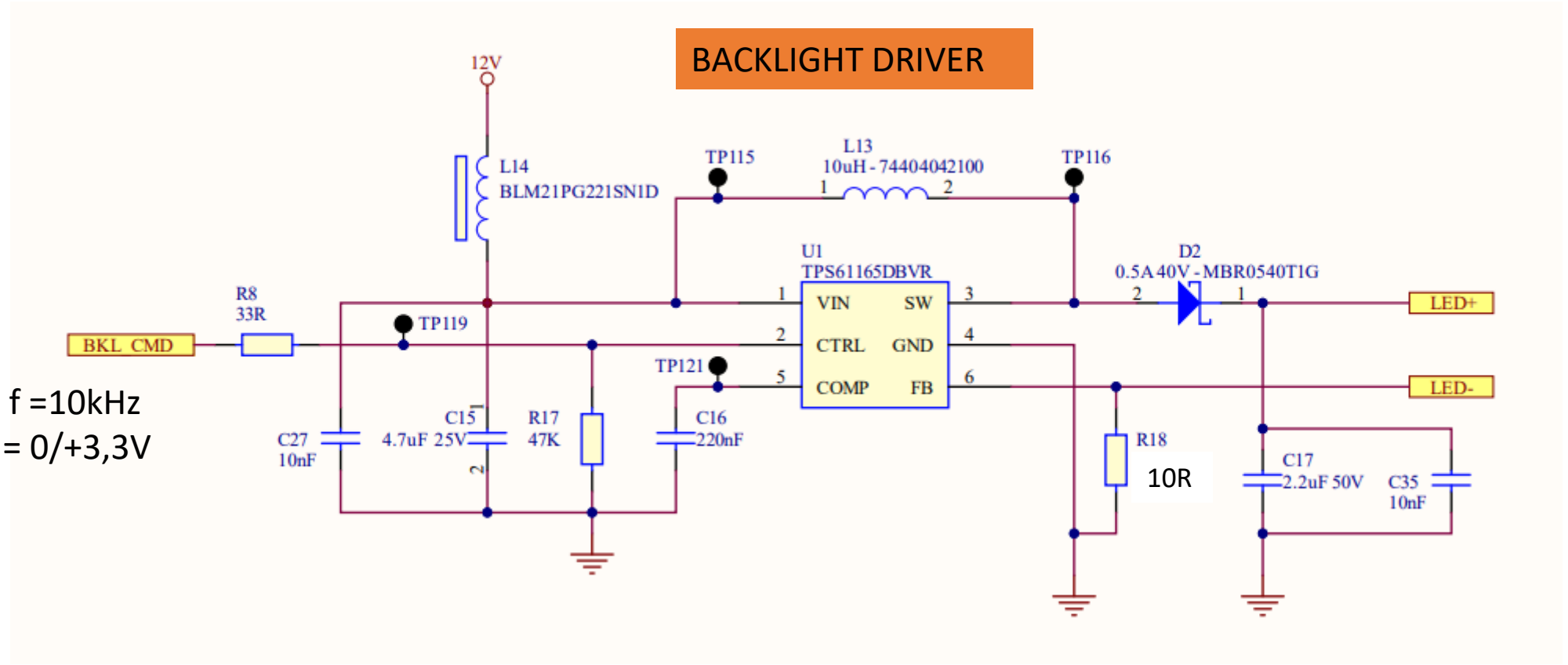
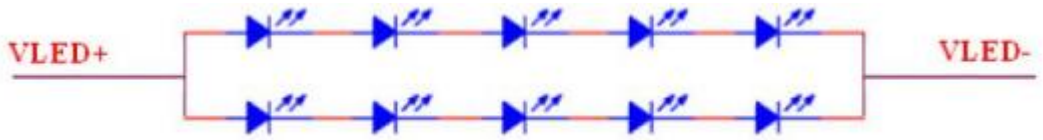
BACKLIGHT DRIVER

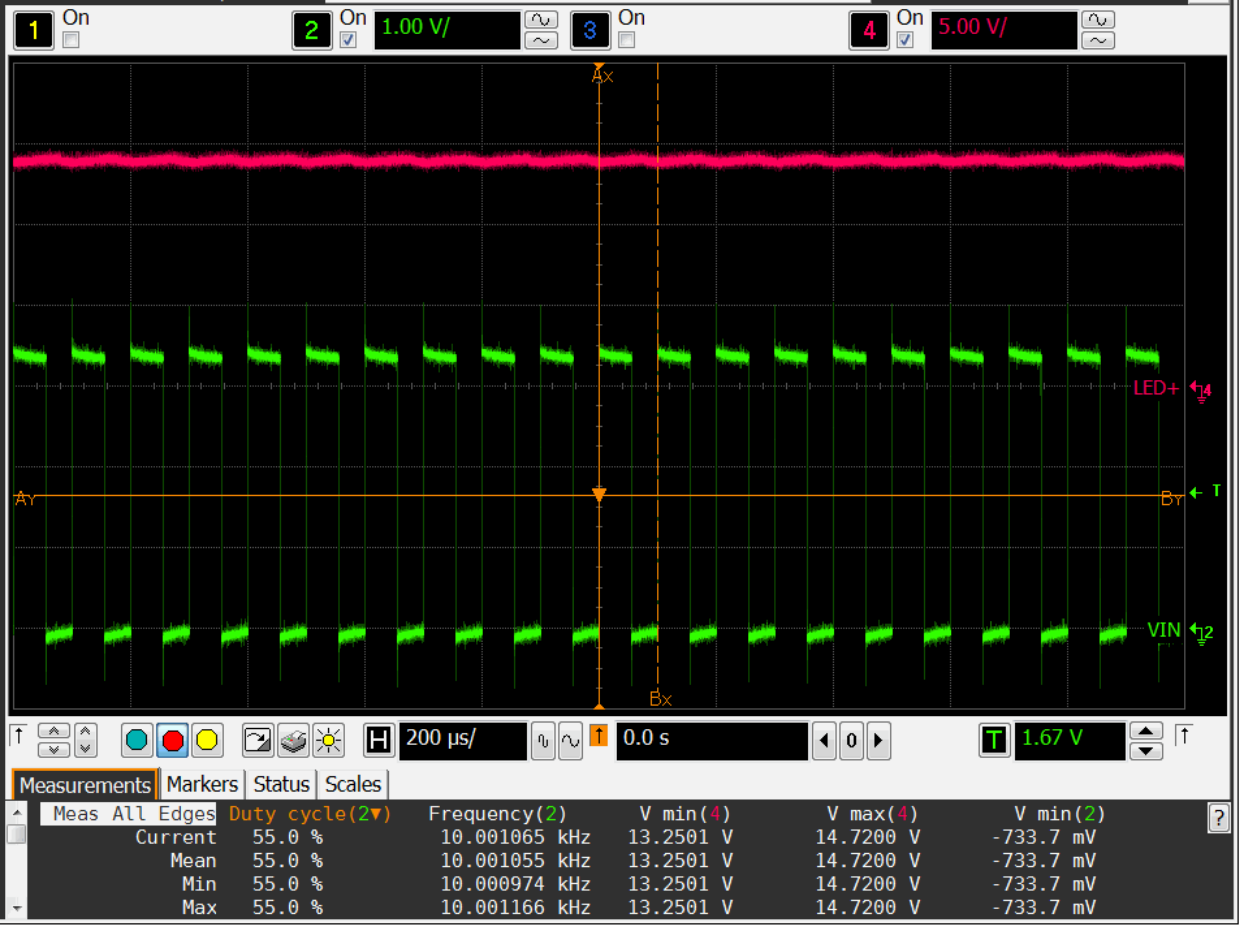


PWM f =10kHz
Level = 0/+3,3V

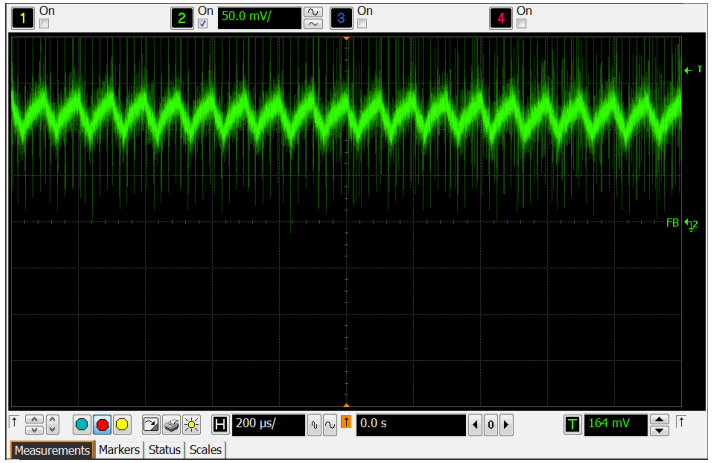
BACKLIGHT



Item	Symbol	MIN	TYP	MAX	Unit
Forward Current	I_F	--	40	50	mA
Forward Current Voltage	V_F	-15	16	18	V



CH2: PWM 55%
CH4: V LED+ =14,0
LED Driver works

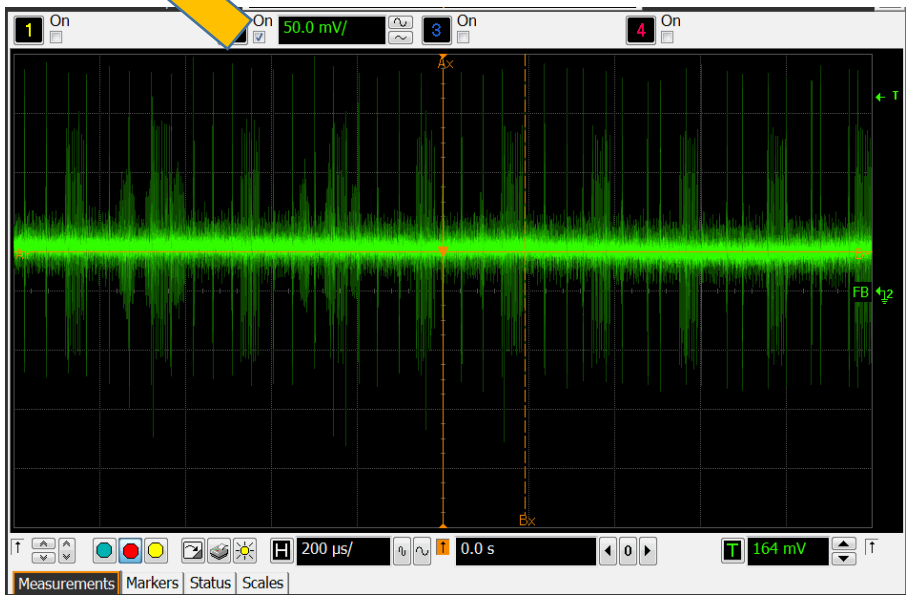


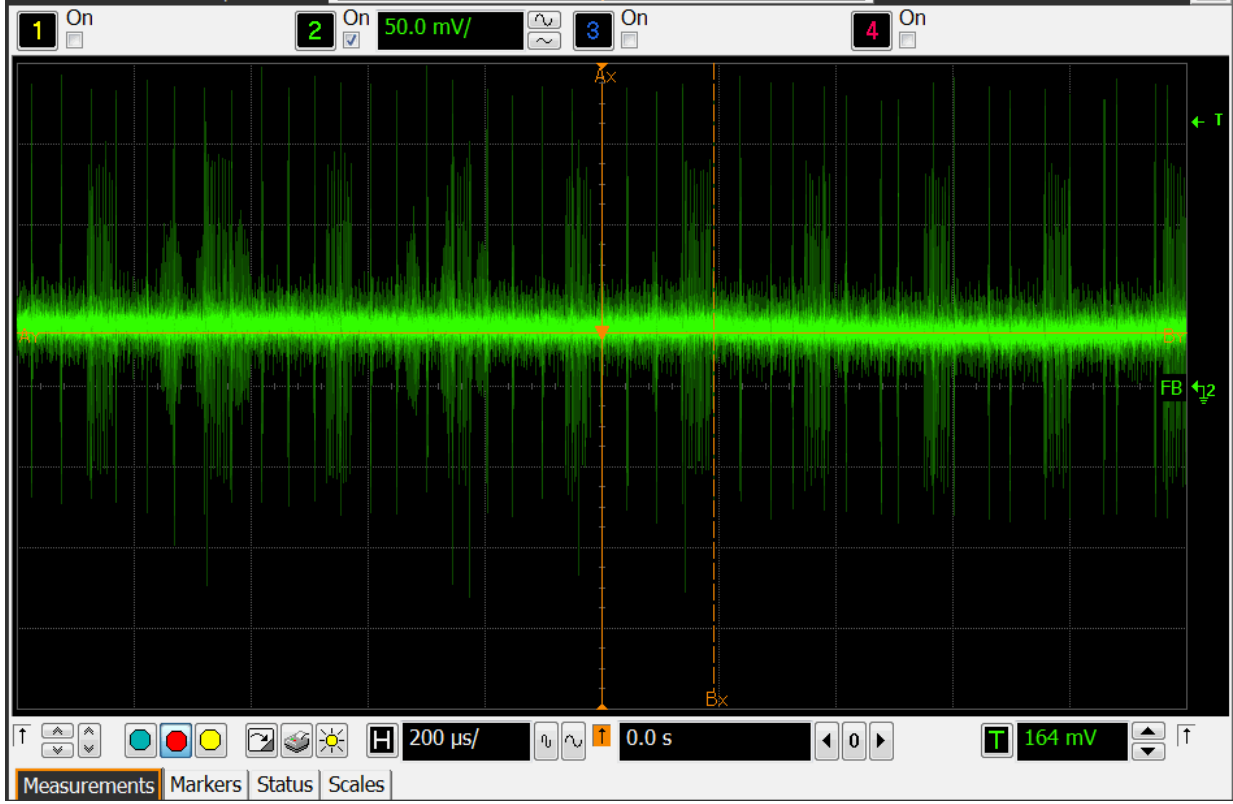
VH2: VIN=12,36
CH4: V LED+ =14,0
LED Driver works

PWM 4% → I LED=1mA

STANDBY
(VIN goes UP)

PWM=4% but I LED is 4mA
We need 1mA for low consumption





VIN= 14,5 V
V LED+=13,7 V
PWM= 0%

V FB= 30/40mV
I LED= 0,04/10R= 4mA
PWM= 0%

We need I LED= 0mA (PWM 0%= TFT OFF) but I LED is 4mA